<GSM>

GSM850_Ant 0_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.20	32.42	32.26	33.50	23.20	23.42	23.26	24.50
GPRS 1 Tx slot	32.17	32.39	32.23	33.50	23.17	23.39	23.23	24.50
GPRS 2 Tx slots	31.18	31.39	31.27	32.50	25.18	25.39	25.27	26.50
GPRS 3 Tx slots	29.14	29.36	29.16	30.50	24.88	25.10	24.90	26.24
GPRS 4 Tx slots	28.03	28.08	27.81	29.50	25.03	25.08	24.81	26.50
EDGE 1 Tx slot	27.28	27.29	27.21	28.50	18.28	18.29	18.21	19.50
EDGE 2 Tx slots	26.09	26.08	26.03	27.00	20.09	20.08	20.03	21.00
EDGE 3 Tx slots	23.97	23.82	23.78	25.00	19.71	19.56	19.52	20.74
EDGE 4 Tx slots	22.56	22.44	22.35	23.50	19.56	19.44	19.35	20.50

<GSM>

GSM1900_Ant 0_Full Power	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.26	29.32	29.42	30.50	20.26	20.32	20.42	21.50
GPRS 1 Tx slot	29.24	29.28	29.40	30.50	20.24	20.28	20.40	21.50
GPRS 2 Tx slots	28.38	28.52	28.42	29.50	22.38	22.52	22.42	23.50
GPRS 3 Tx slots	26.50	26.50	26.57	27.50	22.24	22.24	22.31	23.24
GPRS 4 Tx slots	25.28	25.30	25.27	26.00	22.28	22.30	22.27	23.00
EDGE 1 Tx slot	26.44	26.40	26.46	27.50	17.44	17.40	17.46	18.50
EDGE 2 Tx slots	25.21	25.16	25.19	26.00	19.21	19.16	19.19	20.00
EDGE 3 Tx slots	22.92	22.92	22.86	24.00	18.66	18.66	18.60	19.74
EDGE 4 Tx slots	21.77	21.62	21.57	22.50	18.77	18.62	18.57	19.50

<WCDMA>

Band		WCDMA II_Ant 0_Full Power			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.21	23.32	23.31	24.00
	RMC 12.2Kbps	23.25	23.36	23.34	24.00
3GPP Rel 6	HSDPA Subtest-1	22.07	22.25	22.20	23.00
	HSDPA Subtest-2	22.15	22.29	22.25	23.00
	HSDPA Subtest-3	21.60	21.81	21.74	22.50
	HSDPA Subtest-4	21.58	21.77	21.70	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.07	22.31	22.18	23.00
	DC-HSDPA Subtest-2	22.05	22.22	22.07	23.00
	DC-HSDPA Subtest-3	21.49	21.71	21.61	22.50
	DC-HSDPA Subtest-4	21.49	21.75	21.65	22.50
3GPP Rel 6	HSUPA Subtest-1	22.15	22.29	22.23	23.00
	HSUPA Subtest-2	20.03	20.25	20.14	21.00
	HSUPA Subtest-3	21.12	21.30	21.23	22.00
	HSUPA Subtest-4	20.05	20.28	20.25	21.00
	HSUPA Subtest-5	22.12	22.25	22.22	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.57	19.71	19.59	20.50

<WCDMA>

Band		WCDMA IV_Ant 0_Full Power			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.14	23.10	24.00
	RMC 12.2Kbps	23.14	23.15	23.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.83	22.00	21.87	23.00
	HSDPA Subtest-2	21.90	22.06	22.00	23.00
	HSDPA Subtest-3	21.62	21.75	21.64	22.50
	HSDPA Subtest-4	21.54	21.57	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.97	22.09	22.03	23.00
	DC-HSDPA Subtest-2	21.94	22.04	21.91	23.00
	DC-HSDPA Subtest-3	21.48	21.64	21.50	22.50
	DC-HSDPA Subtest-4	21.50	21.61	21.47	22.50
3GPP Rel 6	HSUPA Subtest-1	22.14	22.24	22.07	23.00
	HSUPA Subtest-2	20.05	20.17	20.05	21.00
	HSUPA Subtest-3	20.99	21.15	21.08	22.00
	HSUPA Subtest-4	20.05	20.12	19.97	21.00
	HSUPA Subtest-5	21.90	22.04	21.96	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.38	19.49	19.33	20.50

<WCDMA>

Band		WCDMA V_Ant 0_Full Power			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.32	23.15	24.00
	RMC 12.2Kbps	23.33	23.34	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.03	23.00
	HSDPA Subtest-2	22.23	22.33	22.12	23.00
	HSDPA Subtest-3	21.63	21.73	21.51	22.50
	HSDPA Subtest-4	21.73	21.77	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.10	22.25	22.06	23.00
	DC-HSDPA Subtest-2	22.16	22.26	21.97	23.00
	DC-HSDPA Subtest-3	21.60	21.85	21.45	22.50
	DC-HSDPA Subtest-4	21.72	21.75	21.51	22.50
3GPP Rel 6	HSUPA Subtest-1	22.10	22.19	21.90	23.00
	HSUPA Subtest-2	20.13	20.19	19.94	21.00
	HSUPA Subtest-3	21.32	21.37	21.08	22.00
	HSUPA Subtest-4	20.32	20.38	20.16	21.00
	HSUPA Subtest-5	22.18	22.21	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.79	19.49	20.50

<LTE Band 7_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.66	22.68	22.58	24.00
20		1	49	22.50	22.61	22.47	24.00
20		1	99	22.33	22.49	22.30	24.00
20		50	0	21.50	21.66	21.44	23.00
20		50	24	21.59	21.64	21.53	23.00
20		50	50	21.52	21.57	21.37	23.00
20		100	0	21.46	21.62	21.43	23.00
20	16QAM	1	0	21.92	22.00	21.76	23.00
20		1	49	21.85	21.91	21.66	23.00
20		1	99	21.75	21.82	21.70	23.00
20		50	0	20.61	20.65	20.44	22.00
20		50	24	20.56	20.67	20.48	22.00
20		50	50	20.59	20.67	20.56	22.00
20		100	0	20.64	20.70	20.51	22.00
20	64QAM	1	0	20.80	20.89	20.72	22.00
20		1	49	20.82	20.86	20.66	22.00
20		1	99	20.78	20.82	20.60	22.00
20		50	0	19.60	19.73	19.50	21.00
20		50	24	19.64	19.72	19.51	21.00
20		50	50	19.53	19.68	19.58	21.00
20		100	0	19.62	19.70	19.49	21.00
20	256QAM	1	0	17.87	17.77	17.63	19.00
20		1	49	17.66	17.80	17.65	19.00
20		1	99	17.65	17.73	17.54	19.00
20		50	0	17.55	17.69	17.59	19.00
20		50	24	17.59	17.70	17.48	19.00
20		50	50	17.57	17.67	17.54	19.00
20		100	0	17.64	17.70	17.53	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.52	22.57	22.54	24.00
15		1	37	22.36	22.48	22.42	24.00
15		1	74	22.23	22.46	22.16	24.00
15		36	0	21.45	21.56	21.34	23.00
15		36	20	21.53	21.50	21.47	23.00
15		36	39	21.42	21.50	21.32	23.00
15		75	0	21.36	21.57	21.41	23.00
15	16QAM	1	0	21.84	21.92	21.67	23.00
15		1	37	21.76	21.86	21.61	23.00
15		1	74	21.70	21.89	21.67	23.00
15		36	0	20.54	20.57	20.38	22.00
15		36	20	20.45	20.63	20.41	22.00
15		36	39	20.47	20.63	20.41	22.00
15		75	0	20.61	20.67	20.42	22.00
15	64QAM	1	0	20.67	20.85	20.62	22.00
15		1	37	20.70	20.81	20.57	22.00
15		1	74	20.68	20.77	20.55	22.00
15		36	0	19.56	19.63	19.43	21.00
15		36	20	19.50	19.62	19.46	21.00
15		36	39	19.48	19.60	19.47	21.00
15		75	0	19.59	19.65	19.38	21.00
15	256QAM	1	0	17.85	17.65	17.61	19.00
15		1	37	17.54	17.71	17.62	19.00
15		1	74	17.51	17.59	17.53	19.00
15		36	0	17.53	17.57	17.46	19.00
15		36	20	17.46	17.67	17.41	19.00
15		36	39	17.45	17.62	17.49	19.00
15		75	0	17.54	17.61	17.47	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.62	22.64	22.56	24.00
10		1	25	22.45	22.50	22.45	24.00
10		1	49	22.26	22.35	22.29	24.00
10		25	0	21.46	21.55	21.34	23.00
10		25	12	21.46	21.59	21.45	23.00
10		25	25	21.40	21.50	21.23	23.00
10		50	0	21.36	21.53	21.37	23.00
10	16QAM	1	0	21.83	21.85	21.64	23.00
10		1	25	21.74	21.83	21.58	23.00
10		1	49	21.70	21.75	21.68	23.00
10		25	0	20.55	20.61	20.41	22.00
10		25	12	20.53	20.54	20.34	22.00
10		25	25	20.56	20.53	20.53	22.00
10		50	0	20.49	20.65	20.46	22.00
10	64QAM	1	0	20.68	20.78	20.64	22.00
10		1	25	20.76	20.84	20.53	22.00
10		1	49	20.70	20.81	20.54	22.00
10		25	0	19.55	19.69	19.40	21.00
10		25	12	19.55	19.66	19.47	21.00
10		25	25	19.51	19.66	19.47	21.00
10		50	0	19.56	19.67	19.40	21.00
10	256QAM	1	0	17.60	17.82	17.56	19.00
10		1	25	17.52	17.77	17.64	19.00
10		1	49	17.62	17.83	17.41	19.00
10		25	0	17.52	17.56	17.46	19.00
10		25	12	17.54	17.59	17.36	19.00
10		25	25	17.55	17.63	17.51	19.00
10		50	0	17.57	17.57	17.44	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.57	22.55	22.45	24.00
5		1	12	22.41	22.52	22.39	24.00
5		1	24	22.19	22.45	22.29	24.00
5		12	0	21.39	21.55	21.39	23.00
5		12	7	21.50	21.59	21.41	23.00
5		12	13	21.45	21.55	21.27	23.00
5		25	0	21.42	21.50	21.29	23.00
5	16QAM	1	0	21.84	21.97	21.67	23.00
5		1	12	21.80	21.76	21.55	23.00
5		1	24	21.61	21.80	21.66	23.00
5		12	0	20.58	20.62	20.29	22.00
5		12	7	20.45	20.63	20.45	22.00
5		12	13	20.47	20.58	20.46	22.00
5		25	0	20.60	20.64	20.47	22.00
5	64QAM	1	0	20.77	20.78	20.63	22.00
5		1	12	20.74	20.79	20.57	22.00
5		1	24	20.64	20.81	20.57	22.00
5		12	0	19.59	19.68	19.43	21.00
5		12	7	19.61	19.58	19.37	21.00
5		12	13	19.42	19.56	19.52	21.00
5		25	0	19.48	19.58	19.41	21.00
5	256QAM	1	0	17.65	17.73	17.59	19.00
5		1	12	17.58	17.75	17.55	19.00
5		1	24	17.54	17.69	17.44	19.00
5		12	0	17.45	17.65	17.55	19.00
5		12	7	17.53	17.57	17.33	19.00
5		12	13	17.55	17.52	17.46	19.00
5		25	0	17.62	17.58	17.43	19.00

<LTE Band 30_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.68		24.00
10		1	25		22.51		24.00
10		1	49		22.67		24.00
10		25	0		21.64		23.00
10		25	12		21.58		23.00
10		25	25		21.63		23.00
10		50	0		21.66		23.00
10	16QAM	1	0		21.96		23.00
10		1	25		21.81		23.00
10		1	49		21.93		23.00
10		25	0		20.65		22.00
10		25	12		20.59		22.00
10		25	25		20.61		22.00
10		50	0		20.63		22.00
10	64QAM	1	0		20.86		22.00
10		1	25		20.82		22.00
10		1	49		20.91		22.00
10		25	0		19.65		21.00
10		25	12		19.64		21.00
10		25	25		19.62		21.00
10		50	0		19.66		21.00
10	256QAM	1	0		17.85		19.00
10		1	25		17.75		19.00
10		1	49		17.71		19.00
10		25	0		17.70		19.00
10		25	12		17.66		19.00
10		25	25		17.60		19.00
10		50	0		17.65		19.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.58	22.65	22.57	24.00
5		1	12	22.34	22.52	22.43	24.00
5		1	24	22.49	22.65	22.43	24.00
5		12	0	21.47	21.64	21.43	23.00
5		12	7	21.43	21.58	21.44	23.00
5		12	13	21.55	21.63	21.45	23.00
5		25	0	21.45	21.56	21.42	23.00
5	16QAM	1	0	21.72	21.85	21.75	23.00
5		1	12	21.69	21.84	21.66	23.00
5		1	24	21.83	21.96	21.82	23.00
5		12	0	20.47	20.57	20.44	22.00
5		12	7	20.42	20.60	20.46	22.00
5		12	13	20.58	20.68	20.54	22.00
5		25	0	20.36	20.51	20.31	22.00
5	64QAM	1	0	20.72	20.88	20.76	22.00
5		1	12	20.67	20.79	20.69	22.00
5		1	24	20.72	20.91	20.77	22.00
5		12	0	19.53	19.63	19.42	21.00
5		12	7	19.50	19.59	19.39	21.00
5		12	13	19.51	19.66	19.44	21.00
5		25	0	19.55	19.66	19.51	21.00
5	256QAM	1	0	17.78	17.85	17.71	19.00
5		1	12	17.57	17.64	17.49	19.00
5		1	24	17.60	17.69	17.49	19.00
5		12	0	17.59	17.72	17.63	19.00
5		12	7	17.46	17.57	17.43	19.00
5		12	13	17.48	17.63	17.47	19.00
5		25	0	17.48	17.60	17.49	19.00

<LTE Band 38_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.74	22.88	22.85	24.00
20		1	49	22.56	22.75	22.58	24.00
20		1	99	22.45	22.68	22.59	24.00
20		50	0	21.49	21.70	21.56	23.00
20		50	24	21.43	21.69	21.65	23.00
20		50	50	21.42	21.66	21.58	23.00
20		100	0	21.51	21.66	21.51	23.00
20	16QAM	1	0	21.58	21.76	21.64	23.00
20		1	49	21.51	21.73	21.60	23.00
20		1	99	21.47	21.83	21.55	23.00
20		50	0	20.56	20.76	20.60	22.00
20		50	24	20.51	20.72	20.59	22.00
20		50	50	20.44	20.70	20.61	22.00
20		100	0	20.54	20.74	20.65	22.00
20	64QAM	1	0	20.25	20.44	20.30	22.00
20		1	49	20.24	20.40	20.30	22.00
20		1	99	20.10	20.32	20.27	22.00
20		50	0	19.56	19.81	19.74	21.00
20		50	24	19.57	19.77	19.71	21.00
20		50	50	19.50	19.74	19.62	21.00
20		100	0	19.51	19.74	19.58	21.00
20	256QAM	1	0	17.36	17.59	17.55	19.00
20		1	49	17.36	17.56	17.51	19.00
20		1	99	17.38	17.50	17.35	19.00
20		50	0	17.66	17.84	17.80	19.00
20		50	24	17.55	17.80	17.73	19.00
20		50	50	17.58	17.79	17.70	19.00
20		100	0	17.52	17.72	17.64	19.00
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.68	22.80	22.75	24.00
15		1	37	22.45	22.64	22.55	24.00
15		1	74	22.35	22.59	22.56	24.00
15		36	0	21.42	21.58	21.47	23.00
15		36	20	21.40	21.63	21.61	23.00
15		36	39	21.37	21.57	21.48	23.00
15		75	0	21.44	21.62	21.38	23.00
15	16QAM	1	0	21.49	21.71	21.54	23.00
15		1	37	21.38	21.67	21.56	23.00
15		1	74	21.37	21.54	21.43	23.00
15		36	0	20.47	20.71	20.56	22.00
15		36	20	20.42	20.63	20.56	22.00
15		36	39	20.37	20.63	20.49	22.00
15		75	0	20.44	20.60	20.50	22.00
15	64QAM	1	0	20.12	20.35	20.20	22.00
15		1	37	20.22	20.29	20.19	22.00
15		1	74	20.00	20.25	20.18	22.00
15		36	0	19.48	19.69	19.60	21.00
15		36	20	19.54	19.64	19.64	21.00
15		36	39	19.37	19.65	19.47	21.00
15		75	0	19.42	19.72	19.46	21.00
15	256QAM	1	0	17.30	17.53	17.43	19.00
15		1	37	17.34	17.43	17.45	19.00
15		1	74	17.25	17.35	17.28	19.00
15		36	0	17.59	17.74	17.69	19.00
15		36	20	17.50	17.73	17.69	19.00
15		36	39	17.46	17.77	17.59	19.00
15		75	0	17.51	17.69	17.61	19.00
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.69	22.80	22.74	24.00
10		1	25	22.44	22.68	22.52	24.00
10		1	49	22.33	22.59	22.56	24.00
10		25	0	21.44	21.66	21.46	23.00
10		25	12	21.40	21.56	21.62	23.00
10		25	25	21.33	21.63	21.44	23.00
10		50	0	21.36	21.55	21.44	23.00
10	16QAM	1	0	21.55	21.66	21.59	23.00
10		1	25	21.40	21.66	21.53	23.00
10		1	49	21.42	21.61	21.41	23.00
10		25	0	20.54	20.74	20.53	22.00
10		25	12	20.40	20.62	20.54	22.00
10		25	25	20.30	20.68	20.48	22.00
10		50	0	20.52	20.71	20.56	22.00
10	64QAM	1	0	20.14	20.31	20.18	22.00
10		1	25	20.10	20.29	20.18	22.00
10		1	49	20.01	20.30	20.18	22.00
10		25	0	19.51	19.71	19.62	21.00
10		25	12	19.49	19.72	19.68	21.00
10		25	25	19.47	19.64	19.52	21.00
10		50	0	19.46	19.66	19.51	21.00
10	256QAM	1	0	17.29	17.56	17.41	19.00
10		1	25	17.32	17.44	17.43	19.00
10		1	49	17.30	17.45	17.24	19.00
10		25	0	17.58	17.71	17.75	19.00
10		25	12	17.54	17.67	17.60	19.00
10		25	25	17.54	17.70	17.66	19.00
10		50	0	17.50	17.65	17.60	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.59	22.80	22.77	24.00
5		1	12	22.47	22.72	22.49	24.00
5		1	24	22.40	22.57	22.47	24.00
5		12	0	21.43	21.64	21.44	23.00
5		12	7	21.29	21.64	21.55	23.00
5		12	13	21.33	21.52	21.53	23.00
5		25	0	21.38	21.63	21.49	23.00
5	16QAM	1	0	21.51	21.63	21.60	23.00
5		1	12	21.49	21.71	21.50	23.00
5		1	24	21.33	21.59	21.41	23.00
5		12	0	20.47	20.65	20.53	22.00
5		12	7	20.49	20.65	20.46	22.00
5		12	13	20.37	20.61	20.47	22.00
5		25	0	20.44	20.60	20.60	22.00
5	64QAM	1	0	20.17	20.29	20.28	22.00
5		1	12	20.20	20.34	20.25	22.00
5		1	24	20.02	20.23	20.21	22.00
5		12	0	19.51	19.71	19.68	21.00
5		12	7	19.47	19.66	19.60	21.00
5		12	13	19.36	19.66	19.57	21.00
5		25	0	19.50	19.66	19.53	21.00
5	256QAM	1	0	17.31	17.52	17.51	19.00
5		1	12	17.32	17.43	17.50	19.00
5		1	24	17.23	17.39	17.27	19.00
5		12	0	17.51	17.83	17.73	19.00
5		12	7	17.40	17.68	17.70	19.00
5		12	13	17.49	17.69	17.68	19.00
5		25	0	17.45	17.61	17.56	19.00

<LTE Band 41_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.42	22.53	22.65	22.52	22.64	24.00
20		1	49	22.24	22.44	22.58	22.37	22.51	24.00
20		1	99	22.14	22.32	22.48	22.23	22.34	24.00
20		50	0	21.38	21.40	21.51	21.45	21.46	23.00
20		50	24	21.20	21.22	21.48	21.29	21.41	23.00
20		50	50	21.23	21.28	21.46	21.27	21.43	23.00
20		100	0	21.15	21.32	21.46	21.29	21.36	23.00
20	16QAM	1	0	21.31	21.32	21.55	21.31	21.41	23.00
20		1	49	21.25	21.39	21.54	21.38	21.47	23.00
20		1	99	21.19	21.34	21.47	21.23	21.44	23.00
20		50	0	20.29	20.39	20.56	20.39	20.48	22.00
20		50	24	20.15	20.27	20.50	20.30	20.35	22.00
20		50	50	20.28	20.32	20.50	20.28	20.40	22.00
20		100	0	20.25	20.36	20.54	20.39	20.46	22.00
20	64QAM	1	0	19.95	20.00	20.21	20.05	20.05	21.00
20		1	49	19.87	20.02	20.17	19.91	20.10	21.00
20		1	99	19.77	19.89	20.10	19.93	20.07	21.00
20		50	0	19.37	19.47	19.61	19.47	19.55	21.00
20		50	24	19.26	19.45	19.57	19.33	19.45	21.00
20		50	50	19.23	19.43	19.56	19.32	19.50	21.00
20		100	0	19.31	19.31	19.54	19.39	19.43	21.00
20	256QAM	1	0	17.15	17.14	17.38	17.20	17.31	19.00
20		1	49	17.08	17.26	17.37	17.18	17.33	19.00
20		1	99	17.00	17.10	17.31	17.15	17.21	19.00
20		50	0	17.37	17.51	17.61	17.37	17.57	19.00
20		50	24	17.31	17.40	17.55	17.35	17.42	19.00
20		50	50	17.31	17.47	17.58	17.42	17.56	19.00
20		100	0	17.34	17.29	17.53	17.37	17.51	19.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.28	22.48	22.53	22.39	22.58	24.00
15		1	37	22.11	22.33	22.52	22.35	22.37	24.00
15		1	74	22.00	22.25	22.38	22.13	22.27	24.00
15		36	0	21.04	21.20	21.39	21.19	21.38	23.00
15		36	20	21.16	21.11	21.39	21.28	21.30	23.00
15		36	39	21.10	21.19	21.38	21.19	21.39	23.00
15		75	0	21.07	21.22	21.37	21.28	21.33	23.00
15	16QAM	1	0	21.27	21.28	21.42	21.22	21.37	23.00
15		1	37	21.24	21.35	21.47	21.24	21.40	23.00
15		1	74	21.06	21.24	21.45	21.11	21.36	23.00
15		36	0	20.27	20.29	20.51	20.30	20.37	22.00
15		36	20	20.01	20.24	20.39	20.21	20.24	22.00
15		36	39	20.24	20.20	20.48	20.19	20.32	22.00
15		75	0	20.11	20.31	20.47	20.25	20.31	22.00
15	64QAM	1	0	19.83	19.98	20.14	19.92	20.00	21.00
15		1	37	19.76	19.90	20.03	19.83	20.09	21.00
15		1	74	19.74	19.88	19.97	19.87	20.04	21.00
15		36	0	19.31	19.43	19.58	19.41	19.43	21.00
15		36	20	19.24	19.43	19.56	19.24	19.44	21.00
15		36	39	19.09	19.35	19.54	19.17	19.38	21.00
15		75	0	19.27	19.21	19.40	19.36	19.31	21.00
15	256QAM	1	0	17.08	17.08	17.23	17.05	17.17	19.00
15		1	37	17.05	17.21	17.25	17.15	17.25	19.00
15		1	74	17.00	17.01	17.27	17.10	17.11	19.00
15		36	0	17.23	17.42	17.55	17.32	17.44	19.00
15		36	20	17.26	17.26	17.46	17.32	17.28	19.00
15		36	39	17.26	17.40	17.43	17.37	17.41	19.00
15		75	0	17.21	17.26	17.38	17.34	17.49	19.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.50	22.61	22.49	22.57	24.00
10		1	25	22.18	22.35	22.50	22.31	22.49	24.00
10		1	49	22.07	22.18	22.42	22.19	22.26	24.00
10		25	0	21.14	21.28	21.36	21.23	21.35	23.00
10		25	12	21.07	21.13	21.37	21.17	21.30	23.00
10		25	25	21.19	21.24	21.38	21.12	21.30	23.00
10		50	0	21.12	21.23	21.36	21.26	21.32	23.00
10	16QAM	1	0	21.22	21.20	21.53	21.25	21.33	23.00
10		1	25	21.13	21.36	21.41	21.29	21.41	23.00
10		1	49	21.14	21.29	21.40	21.08	21.37	23.00
10		25	0	20.20	20.36	20.52	20.26	20.46	22.00
10		25	12	20.01	20.12	20.36	20.18	20.32	22.00
10		25	25	20.17	20.25	20.46	20.26	20.34	22.00
10		50	0	20.24	20.26	20.46	20.26	20.43	22.00
10	64QAM	1	0	19.90	19.88	20.14	19.96	19.94	21.00
10		1	25	19.80	19.91	20.08	19.89	20.00	21.00
10		1	49	19.65	19.87	19.98	19.89	20.02	21.00
10		25	0	19.25	19.37	19.47	19.44	19.44	21.00
10		25	12	19.24	19.43	19.51	19.25	19.33	21.00
10		25	25	19.16	19.32	19.52	19.24	19.38	21.00
10		50	0	19.28	19.17	19.49	19.29	19.40	21.00
10	256QAM	1	0	17.13	17.02	17.29	17.18	17.27	19.00
10		1	25	17.06	17.21	17.26	17.10	17.22	19.00
10		1	49	17.00	17.04	17.19	17.09	17.07	19.00
10		25	0	17.22	17.46	17.46	17.24	17.52	19.00
10		25	12	17.20	17.31	17.45	17.28	17.32	19.00
10		25	25	17.20	17.36	17.45	17.41	17.42	19.00
10		50	0	17.21	17.23	17.52	17.26	17.41	19.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.34	22.46	22.54	22.43	22.61	24.00
5		1	12	22.18	22.31	22.50	22.32	22.43	24.00
5		1	24	22.05	22.26	22.42	22.22	22.30	24.00
5		12	0	21.12	21.25	21.43	21.10	21.38	23.00
5		12	7	21.13	21.09	21.45	21.20	21.27	23.00
5		12	13	21.10	21.24	21.42	21.20	21.40	23.00
5		25	0	21.10	21.27	21.36	21.20	21.29	23.00
5	16QAM	1	0	21.21	21.31	21.49	21.28	21.33	23.00
5		1	12	21.19	21.32	21.50	21.28	21.32	23.00
5		1	24	21.15	21.27	21.43	21.18	21.42	23.00
5		12	0	20.15	20.37	20.49	20.29	20.35	22.00
5		12	7	20.04	20.20	20.40	20.21	20.30	22.00
5		12	13	20.17	20.26	20.35	20.21	20.28	22.00
5		25	0	20.14	20.26	20.48	20.26	20.33	22.00
5	64QAM	1	0	19.81	19.90	20.11	20.01	19.92	21.00
5		1	12	19.79	19.96	20.04	19.78	19.96	21.00
5		1	24	19.69	19.75	20.08	19.83	20.03	21.00
5		12	0	19.26	19.42	19.56	19.42	19.44	21.00
5		12	7	19.18	19.38	19.52	19.20	19.35	21.00
5		12	13	19.10	19.32	19.44	19.19	19.47	21.00
5		25	0	19.23	19.17	19.48	19.36	19.37	21.00
5	256QAM	1	0	17.07	17.08	17.28	17.12	17.27	19.00
5		1	12	17.06	17.22	17.32	17.14	17.24	19.00
5		1	24	17.01	17.04	17.25	17.06	17.17	19.00
5		12	0	17.30	17.48	17.52	17.29	17.44	19.00
5		12	7	17.16	17.28	17.46	17.22	17.37	19.00
5		12	13	17.28	17.32	17.56	17.34	17.51	19.00
5		25	0	17.20	17.20	17.46	17.29	17.44	19.00

<LTE Band 41_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset
Channel			
Frequency (MHz)			
20	QPSK	1	0
20		1	49
20		1	99
20		50	0
20		50	24
20		50	50
20		100	0
20	16QAM	1	0
20		1	49
20		1	99
20		50	0
20		50	24
20		50	50
20		100	0
20	64QAM	1	0
20		1	49
20		1	99
20		50	0
20		50	24
20		50	50
20		100	0
20	256QAM	1	0
20		1	49
20		1	99
20		50	0
20		50	24
20		50	50
20		100	0
Channel			
Frequency (MHz)			
15	QPSK	1	0
15		1	37
15		1	74
15		36	0
15		36	20
15		36	39
15		75	0
15	16QAM	1	0
15		1	37
15		1	74
15		36	0
15		36	20
15		36	39
15		75	0
15	64QAM	1	0
15		1	37
15		1	74
15		36	0
15		36	20
15		36	39
15		75	0
15	256QAM	1	0
15		1	37
15		1	74
15		36	0
15		36	20
15		36	39
15		75	0
Channel			
Frequency (MHz)			
10	QPSK	1	0
10		1	25
10		1	49
10		25	0
10		25	12
10		25	25
10		50	0
10	16QAM	1	0
10		1	25
10		1	49
10		25	0
10		25	12
10		25	25
10		50	0
10	64QAM	1	0
10		1	25
10		1	49
10		25	0
10		25	12
10		25	25
10		50	0
10	256QAM	1	0
10		1	25
10		1	49
10		25	0
10		25	12
10		25	25
10		50	0
Channel			
Frequency (MHz)			
5	QPSK	1	0
5		1	12
5		1	24
5		12	0
5		12	7
5		12	13
5		25	0
5	16QAM	1	0
5		1	12
5		1	24
5		12	0
5		12	7
5		12	13
5		25	0
5	64QAM	1	0
5		1	12
5		1	24
5		12	0
5		12	7
5		12	13
5		25	0
5	256QAM	1	0
5		1	12
5		1	24
5		12	0
5		12	7
5		12	13
5		25	0

Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
39750	40185	40620	41055	41490	
2506	2549.5	2593	2636.5	2680	
25.34	25.41	25.50	25.40	25.48	27.00
25.13	25.21	25.42	25.26	25.38	27.00
25.04	25.16	25.32	25.17	25.15	27.00
24.21	24.35	24.46	24.22	24.41	26.00
24.20	24.25	24.45	24.29	24.32	26.00
24.19	24.27	24.41	24.30	24.30	26.00
24.22	24.25	24.42	24.23	24.38	26.00
24.50	24.60	24.74	24.56	24.68	26.00
24.43	24.56	24.70	24.50	24.57	26.00
24.35	24.46	24.65	24.47	24.49	26.00
23.25	23.40	23.50	23.38	23.42	25.00
23.28	23.24	23.47	23.32	23.33	25.00
23.21	23.33	23.46	23.29	23.36	25.00
23.33	23.36	23.49	23.29	23.38	25.00
23.18	23.27	23.47	23.35	23.44	25.00
23.18	23.26	23.46	23.31	23.33	25.00
23.14	23.23	23.37	23.25	23.23	25.00
22.35	22.49	22.59	22.45	22.48	24.00
22.37	22.40	22.53	22.31	22.42	24.00
22.33	22.41	22.53	22.39	22.42	24.00
22.23	22.38	22.48	22.33	22.32	24.00
20.31	20.37	20.49	20.28	20.36	22.00
20.35	20.35	20.50	20.41	20.44	22.00
20.16	20.23	20.42	20.25	20.30	22.00
20.35	20.49	20.63	20.49	20.49	22.00
20.42	20.41	20.61	20.50	20.57	22.00
20.40	20.45	20.57	20.35	20.49	22.00
20.30	20.30	20.51	20.32	20.36	22.00
39725	40123	40522	40921	41315	Tune-up Limit (dBm)
2503.5	2548.3	2593	2637.8	2682.5	
25.25	25.37	25.37	25.34	25.39	27.00
25.00	25.17	25.35	25.20	25.23	27.00
25.01	25.04	25.23	25.07	25.01	27.00
24.08	24.20	24.32	24.10	24.39	26.00
24.16	24.24	24.38	24.21	24.26	26.00
24.13	24.23	24.27	24.21	24.18	26.00
24.09	24.18	24.36	24.10	24.24	26.00
24.37	24.55	24.61	24.52	24.56	26.00
24.35	24.54	24.62	24.44	24.54	26.00
24.25	24.38	24.61	24.33	24.43	26.00
23.23	23.39	23.37	23.37	23.39	25.00
23.15	23.12	23.40	23.21	23.22	25.00
23.07	23.18	23.32	23.23	23.28	25.00
23.28	23.24	23.45	23.24	23.35	25.00
23.13	23.24	23.45	23.28	23.31	25.00
23.03	23.13	23.44	23.19	23.31	25.00
23.11	23.11	23.32	23.10	23.12	25.00
22.29	22.48	22.50	22.31	22.46	24.00
22.27	22.29	22.49	22.27	22.35	24.00
22.25	22.26	22.39	22.36	22.36	24.00
22.10	22.27	22.36	22.28	22.24	24.00
20.21	20.32	20.40	20.19	20.35	22.00
20.29	20.32	20.39	20.32	20.29	22.00
20.01	20.18	20.30	20.11	20.25	22.00
20.33	20.42	20.58	20.40	20.41	22.00
20.40	20.39	20.46	20.38	20.53	22.00
20.28	20.32	20.51	20.31	20.36	22.00
20.17	20.26	20.40	20.26	20.32	22.00
39700	40160	40620	41080	41540	Tune-up Limit (dBm)
2501	2547	2593	2639	2685	
25.23	25.37	25.49	25.38	25.46	27.00
25.09	25.15	25.36	25.12	25.23	27.00
25.00	25.13	25.29	25.14	25.07	27.00
24.11	24.30	24.33	24.16	24.32	26.00
24.06	24.14	24.40	24.23	24.26	26.00
24.10	24.22	24.37	24.29	24.29	26.00
24.14	24.13	24.33	24.11	24.34	26.00
24.44	24.58	24.72	24.45	24.66	26.00
24.29	24.46	24.66	24.42	24.47	26.00
24.23	24.36	24.63	24.45	24.45	26.00
23.24	23.30	23.47	23.37	23.30	25.00
23.26	23.19	23.33	23.17	23.27	25.00
23.18	23.22	23.40	23.14	23.35	25.00
23.28	23.21	23.39	23.18	23.24	25.00
23.12	23.12	23.44	23.28	23.34	25.00
23.08	23.21	23.32	23.26	23.22	25.00
23.00	23.09	23.36	23.22	23.16	25.00
22.27	22.38	22.50	22.31	22.44	24.00
22.32	22.29	22.47	22.25	22.36	24.00
22.26	22.30	22.42	22.32	22.38	24.00
22.12	22.34	22.34	22.25	22.19	24.00
20.28	20.33	20.41	20.23	20.29	22.00
20.23	20.28	20.48	20.35	20.33	22.00
20.03	20.16	20.40	20.19	20.20	22.00
20.30	20.44	20.56	20.35	20.40	22.00
20.28	20.26	20.58	20.38	20.50	22.00
20.30	20.31	20.52	20.30	20.45	22.00
20.26	20.22	20.41	20.22	20.22	22.00
39675	40148	40620	41093	41565	Tune-up Limit (dBm)
2498.5	2545.8	2593	2640.3	2687.5	
25.22	25.28	25.38	25.26	25.34	27.00
25.05	25.12	25.35	25.12	25.34	27.00
25.00	25.11	25.23	25.14	25.02	27.00
24.11	24.28	24.33	24.18	24.33	26.00
24.14	24.10	24.36	24.26	24.25	26.00
24.06	24.15	24.29	24.18	24.16	26.00
24.07	24.22	24.39	24.20	24.28	26.00
24.49	24.55	24.64	24.47	24.54	26.00
24.40	24.47	24.63	24.41	24.48	26.00
24.22	24.34	24.53	24.38	24.44	26.00
23.18	23.26	23.47	23.31	23.32	25.00
23.17	23.19	23.44	23.29	23.31	25.00
23.08	23.28	23.37	23.26	23.23	25.00
23.19	23.27	23.42	23.20	23.24	25.00
23.17	23.16	23.36	23.29	23.30	25.00
23.14	23.22	23.37	23.25	23.18	25.00
23.08	23.11	23.27	23.15	23.12	25.00
22.31	22.38	22.46	22.38	22.46	24.00
22.26	22.32	22.49	22.19	22.27	24.00
22.26	22.37	22.38	22.34	22.38	24.00
22.15	22.24	22.33	22.18	22.31	24.00
20.26	20.27	20.35	20.21	20.26	22.00
20.33	20.22	20.35	20.35	20.38	22.00
20.04	20.15	20.38	20.24	20.19	22.00
20.25	20.42	20.51	20.43	20.37	22.00
20.37	20.34	20.56	20.40	20.43	22.00
20.29	20.34	20.53	20.23	20.43	22.00
20.21	20.17	20.48	20.29	20.29	22.00

<LTE Band 2_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.57	22.60	22.35	24.00
20		1	49	22.34	22.38	22.12	24.00
20		1	99	22.19	22.33	22.03	24.00
20		50	0	21.42	21.49	21.19	23.00
20		50	24	21.40	21.48	21.14	23.00
20		50	50	21.29	21.46	21.18	23.00
20		100	0	21.38	21.46	21.18	23.00
20	16QAM	1	0	21.60	21.77	21.44	23.00
20		1	49	21.64	21.72	21.35	23.00
20		1	99	21.56	21.71	21.36	23.00
20		50	0	20.39	20.53	20.26	22.00
20		50	24	20.35	20.49	20.24	22.00
20		50	50	20.40	20.51	20.21	22.00
20		100	0	20.43	20.49	20.19	22.00
20	64QAM	1	0	20.65	20.72	20.36	22.00
20		1	49	20.49	20.62	20.27	22.00
20		1	99	20.45	20.61	20.24	22.00
20		50	0	19.47	19.59	19.29	21.00
20		50	24	19.45	19.54	19.30	21.00
20		50	50	19.37	19.53	19.24	21.00
20		100	0	19.37	19.53	19.28	21.00
20	256QAM	1	0	17.53	17.64	17.41	19.00
20		1	49	17.58	17.65	17.38	19.00
20		1	99	17.45	17.62	17.29	19.00
20		50	0	17.54	17.62	17.41	19.00
20		50	24	17.46	17.55	17.32	19.00
20		50	50	17.41	17.54	17.31	19.00
20		100	0	17.41	17.55	17.30	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.45	22.51	22.31	24.00
15		1	37	22.19	22.32	22.00	24.00
15		1	74	22.16	22.28	22.00	24.00
15		36	0	21.32	21.38	21.15	23.00
15		36	20	21.30	21.40	21.05	23.00
15		36	39	21.20	21.41	21.12	23.00
15		75	0	21.36	21.34	21.08	23.00
15	16QAM	1	0	21.49	21.63	21.30	23.00
15		1	37	21.57	21.63	21.27	23.00
15		1	74	21.51	21.57	21.28	23.00
15		36	0	20.28	20.39	20.17	22.00
15		36	20	20.27	20.37	20.15	22.00
15		36	39	20.34	20.40	20.16	22.00
15		75	0	20.29	20.35	20.14	22.00
15	64QAM	1	0	20.64	20.71	20.23	22.00
15		1	37	20.36	20.55	20.24	22.00
15		1	74	20.44	20.47	20.18	22.00
15		36	0	19.33	19.48	19.15	21.00
15		36	20	19.33	19.45	19.20	21.00
15		36	39	19.30	19.46	19.09	21.00
15		75	0	19.34	19.45	19.16	21.00
15	256QAM	1	0	17.39	17.61	17.29	19.00
15		1	37	17.51	17.60	17.34	19.00
15		1	74	17.44	17.59	17.21	19.00
15		36	0	17.42	17.52	17.36	19.00
15		36	20	17.32	17.54	17.24	19.00
15		36	39	17.32	17.44	17.21	19.00
15		75	0	17.33	17.47	17.26	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.44	22.55	22.25	24.00
10		1	25	22.33	22.26	22.09	24.00
10		1	49	22.15	22.28	22.00	24.00
10		25	0	21.30	21.37	21.12	23.00
10		25	12	21.33	21.38	21.12	23.00
10		25	25	21.15	21.38	21.14	23.00
10		50	0	21.30	21.34	21.12	23.00
10	16QAM	1	0	21.49	21.74	21.33	23.00
10		1	25	21.52	21.63	21.24	23.00
10		1	49	21.42	21.58	21.30	23.00
10		25	0	20.31	20.51	20.15	22.00
10		25	12	20.27	20.41	20.22	22.00
10		25	25	20.38	20.39	20.20	22.00
10		50	0	20.36	20.47	20.08	22.00
10	64QAM	1	0	20.61	20.71	20.30	22.00
10		1	25	20.37	20.52	20.21	22.00
10		1	49	20.30	20.50	20.21	22.00
10		25	0	19.44	19.52	19.25	21.00
10		25	12	19.34	19.45	19.15	21.00
10		25	25	19.26	19.49	19.18	21.00
10		50	0	19.29	19.39	19.18	21.00
10	256QAM	1	0	17.45	17.56	17.37	19.00
10		1	25	17.56	17.62	17.30	19.00
10		1	49	17.34	17.60	17.17	19.00
10		25	0	17.53	17.53	17.34	19.00
10		25	12	17.43	17.41	17.20	19.00
10		25	25	17.34	17.51	17.17	19.00
10		50	0	17.39	17.42	17.26	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.43	22.56	22.23	24.00
5		1	12	22.23	22.29	22.00	24.00
5		1	24	22.14	22.32	22.01	24.00
5		12	0	21.39	21.44	21.10	23.00
5		12	7	21.31	21.42	21.13	23.00
5		12	13	21.22	21.36	21.15	23.00
5		25	0	21.28	21.41	21.07	23.00
5	16QAM	1	0	21.53	21.68	21.33	23.00
5		1	12	21.55	21.61	21.25	23.00
5		1	24	21.44	21.66	21.24	23.00
5		12	0	20.28	20.41	20.19	22.00
5		12	7	20.25	20.36	20.12	22.00
5		12	13	20.26	20.40	20.19	22.00
5		25	0	20.33	20.41	20.10	22.00
5	64QAM	1	0	20.59	20.62	20.28	22.00
5		1	12	20.45	20.57	20.23	22.00
5		1	24	20.39	20.52	20.15	22.00
5		12	0	19.40	19.45	19.28	21.00
5		12	7	19.38	19.53	19.26	21.00
5		12	13	19.24	19.38	19.21	21.00
5		25	0	19.27	19.43	19.16	21.00
5	256QAM	1	0	17.51	17.54	17.34	19.00
5		1	12	17.43	17.63	17.26	19.00
5		1	24	17.33	17.53	17.18	19.00
5		12	0	17.44	17.60	17.34	19.00
5		12	7	17.35	17.52	17.19	19.00
5		12	13	17.26	17.53	17.29	19.00
5		25	0	17.29	17.52	17.29	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.52	22.50	22.26	24.00
3		1	8	22.30	22.26	22.09	24.00
3		1	14	22.14	22.30	22.00	24.00
3		8	0	21.39	21.41	21.13	23.00
3		8	4	21.26	21.36	21.07	23.00
3		8	7	21.22	21.44	21.09	23.00
3		15	0	21.28	21.40	21.15	23.00
3	16QAM	1	0	21.47	21.73	21.30	23.00
3		1	8	21.63	21.60	21.32	23.00
3		1	14	21.54	21.58	21.32	23.00
3		8	0	20.34	20.41	20.16	22.00
3		8	4	20.21	20.45	20.15	22.00
3		8	7	20.28	20.49	20.12	22.00
3		15	0	20.33	20.42	20.11	22.00
3	64QAM	1	0	20.51	20.69	20.24	22.00
3		1	8	20.42	20.48	20.23	22.00
3		1	14	20.43	20.55	20.10	22.00
3		8	0	19.33	19.58	19.21	21.00
3		8	4	19.33	19.50	19.18	21.00
3		8	7	19.33	19.44	19.21	21.00
3		15	0	19.32	19.51	19.23	21.00
3	256QAM	1	0	17.47	17.60	17.35	19.00
3		1	8	17.43	17.59	17.26	19.00
3		1	14	17.40	17.54	17.20	19.00
3		8	0	17.41	17.54	17.31	19.00
3		8	4	17.35	17.53	17.22	19.00
3		8	7	17.38	17.41	17.30	19.00
3		15	0	17.38	17.53	17.17	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.54	22.46	22.24	24.00
1.4		1	3	22.28	22.24	22.07	24.00
1.4		1	5	22.16	22.18	22.00	24.00
1.4		3	0	22.00	22.00	22.01	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.02	22.00	22.01	24.00
1.4		6	0	21.30	21.41	21.04	23.00
1.4	16QAM	1	0	21.53	21.66	21.36	23.00
1.4		1	3	21.53	21.64	21.22	23.00
1.4		1	5	21.49	21.65	21.26	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.01	21.01	21.01	23.00
1.4		3	3	21.01	21.00	21.00	23.00
1.4		6	0	20.38	20.41	20.12	22.00
1.4	64QAM	1	0	20.60	20.61	20.27	22.00
1.4		1	3	20.47	20.58	20.15	22.00
1.4		1	5	20.34	20.60	20.23	22.00
1.4		3	0	20.00	20.00	20.02	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.26	19.49	19.17	21.00
1.4	256QAM	1	0	17.45	17.62	17.29	19.00
1.4		1	3	17.48	17.58	17.24	19.00
1.4		1	5	17.39	17.52	17.28	19.00
1.4		3	0	17.48	17.58	17.35	19.00
1.4		3	1	17.33	17.45	17.18	19.00
1.4		3	3	17.39	17.40	17.17	19.00
1.4		6	0	17.29	17.43	17.25	19.00

<LTE Band 4_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.18	22.25	22.13	24.00
20		1	49	22.01	22.09	22.00	24.00
20		1	99	22.00	22.02	22.00	24.00
20		50	0	21.00	21.15	21.00	23.00
20		50	24	21.04	21.13	21.00	23.00
20		50	50	21.00	21.09	21.01	23.00
20		100	0	21.02	21.19	21.01	23.00
20	16QAM	1	0	21.02	21.09	21.02	23.00
20		1	49	21.05	21.25	21.11	23.00
20		1	99	21.18	21.39	21.17	23.00
20		50	0	20.00	20.17	20.00	22.00
20		50	24	20.02	20.19	20.00	22.00
20		50	50	20.00	20.06	20.01	22.00
20		100	0	20.02	20.14	20.01	22.00
20	64QAM	1	0	20.01	20.19	20.02	22.00
20		1	49	20.00	20.18	20.06	22.00
20		1	99	20.11	20.25	20.04	22.00
20		50	0	19.06	19.14	19.02	21.00
20		50	24	19.02	19.19	19.00	21.00
20		50	50	19.01	19.01	19.02	21.00
20		100	0	19.00	19.12	19.01	21.00
20	256QAM	1	0	17.02	17.17	17.03	19.00
20		1	49	17.00	17.04	17.00	19.00
20		1	99	17.00	17.16	17.03	19.00
20		50	0	17.04	17.12	17.00	19.00
20		50	24	17.02	17.19	17.01	19.00
20		50	50	17.04	17.15	17.00	19.00
20		100	0	17.01	17.06	17.02	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.17	22.16	22.10	24.00
15		1	37	22.01	22.08	22.01	24.00
15		1	74	22.02	22.00	22.00	24.00
15		36	0	21.00	21.01	21.00	23.00
15		36	20	21.00	21.15	21.00	23.00
15		36	39	21.00	21.03	21.02	23.00
15		75	0	21.00	21.12	21.00	23.00
15	16QAM	1	0	21.00	21.00	21.00	23.00
15		1	37	21.00	21.21	21.01	23.00
15		1	74	21.17	21.37	21.08	23.00
15		36	0	20.00	20.11	20.01	22.00
15		36	20	20.00	20.05	20.01	22.00
15		36	39	20.01	20.05	20.01	22.00
15		75	0	20.00	20.05	20.02	22.00
15	64QAM	1	0	20.01	20.06	20.00	22.00
15		1	37	20.00	20.06	20.04	22.00
15		1	74	20.00	20.18	20.01	22.00
15		36	0	19.00	19.02	19.01	21.00
15		36	20	19.02	19.12	19.01	21.00
15		36	39	19.00	19.00	19.00	21.00
15		75	0	19.01	19.03	19.00	21.00
15	256QAM	1	0	17.00	17.10	17.01	19.00
15		1	37	17.01	17.01	17.01	19.00
15		1	74	17.01	17.09	17.00	19.00
15		36	0	17.03	17.03	17.01	19.00
15		36	20	17.00	17.18	17.02	19.00
15		36	39	17.00	17.13	17.00	19.00
15		75	0	17.00	17.02	17.01	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.07	22.11	22.02	24.00
10		1	25	22.01	22.00	22.02	24.00
10		1	49	22.00	22.01	22.01	24.00
10		25	0	21.00	21.04	21.02	23.00
10		25	12	21.00	21.06	21.01	23.00
10		25	25	21.00	21.03	21.01	23.00
10		50	0	21.00	21.15	21.00	23.00
10	16QAM	1	0	21.00	21.00	21.00	23.00
10		1	25	21.00	21.23	21.02	23.00
10		1	49	21.13	21.27	21.09	23.00
10		25	0	20.01	20.13	20.00	22.00
10		25	12	20.02	20.12	20.02	22.00
10		25	25	20.01	20.00	20.00	22.00
10		50	0	20.00	20.01	20.00	22.00
10	64QAM	1	0	20.00	20.08	20.01	22.00
10		1	25	20.02	20.16	20.01	22.00
10		1	49	20.00	20.15	20.00	22.00
10		25	0	19.01	19.00	19.00	21.00
10		25	12	19.02	19.14	19.01	21.00
10		25	25	19.01	19.01	19.01	21.00
10		50	0	19.01	19.04	19.00	21.00
10	256QAM	1	0	17.01	17.14	17.02	19.00
10		1	25	17.00	17.00	17.00	19.00
10		1	49	17.01	17.07	17.00	19.00
10		25	0	17.01	17.01	17.01	19.00
10		25	12	17.00	17.05	17.01	19.00
10		25	25	17.00	17.13	17.02	19.00
10		50	0	17.01	17.00	17.00	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.04	22.19	22.04	24.00
5		1	12	22.00	22.03	22.00	24.00
5		1	24	22.00	22.02	22.00	24.00
5		12	0	21.01	21.00	21.00	23.00
5		12	7	21.00	21.08	21.00	23.00
5		12	13	21.01	21.04	21.00	23.00
5		25	0	21.00	21.04	21.00	23.00
5	16QAM	1	0	21.00	21.00	21.01	23.00
5		1	12	21.00	21.12	21.00	23.00
5		1	24	21.06	21.29	21.08	23.00
5		12	0	20.00	20.02	20.00	22.00
5		12	7	20.00	20.08	20.01	22.00
5		12	13	20.01	20.04	20.00	22.00
5		25	0	20.02	20.10	20.00	22.00
5	64QAM	1	0	20.00	20.11	20.00	22.00
5		1	12	20.00	20.08	20.03	22.00
5		1	24	20.02	20.22	20.01	22.00
5		12	0	19.03	19.03	19.01	21.00
5		12	7	19.00	19.06	19.02	21.00
5		12	13	19.00	19.00	19.00	21.00
5		25	0	19.00	19.10	19.00	21.00
5	256QAM	1	0	17.01	17.09	17.02	19.00
5		1	12	17.00	17.01	17.00	19.00
5		1	24	17.00	17.06	17.00	19.00
5		12	0	17.02	17.10	17.01	19.00
5		12	7	17.00	17.17	17.02	19.00
5		12	13	17.00	17.09	17.00	19.00
5		25	0	17.00	17.02	17.00	19.00
Channel				19950	20175	20400	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.05	22.23	22.04	24.00
3		1	8	22.00	22.05	22.01	24.00
3		1	14	22.01	22.01	22.00	24.00
3		8	0	21.00	21.00	21.01	23.00
3		8	4	21.01	21.05	21.02	23.00
3		8	7	21.00	21.05	21.00	23.00
3		15	0	21.01	21.17	21.00	23.00
3	16QAM	1	0	21.00	21.00	21.00	23.00
3		1	8	21.00	21.15	21.07	23.00
3		1	14	21.05	21.34	21.09	23.00
3		8	0	20.00	20.05	20.00	22.00
3		8	4	20.00	20.12	20.01	22.00
3		8	7	20.01	20.05	20.00	22.00
3		15	0	20.00	20.02	20.00	22.00
3	64QAM	1	0	20.00	20.07	20.01	22.00
3		1	8	20.00	20.11	20.00	22.00
3		1	14	20.03	20.18	20.02	22.00
3		8	0	19.03	19.03	19.00	21.00
3		8	4	19.00	19.15	19.00	21.00
3		8	7	19.00	19.00	19.00	21.00
3		15	0	19.00	19.00	19.00	21.00
3	256QAM	1	0	17.02	17.02	17.00	19.00
3		1	8	17.01	17.02	17.00	19.00
3		1	14	17.01	17.08	17.02	19.00
3		8	0	17.00	17.01	17.00	19.00
3		8	4	17.00	17.13	17.01	19.00
3		8	7	17.00	17.12	17.00	19.00
3		15	0	17.01	17.03	17.02	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.09	22.21	22.10	24.00
1.4		1	3	22.01	22.00	22.00	24.00
1.4		1	5	22.00	22.00	22.00	24.00
1.4		3	0	22.01	22.00	22.00	24.00
1.4		3	1	22.02	22.00	22.00	24.00
1.4		3	3	22.02	22.00	22.01	24.00
1.4		6	0	21.00	21.12	21.00	23.00
1.4	16QAM	1	0	21.00	21.00	21.01	23.00
1.4		1	3	21.02	21.12	21.07	23.00
1.4		1	5	21.13	21.35	21.03	23.00
1.4		3	0	21.00	21.01	21.00	23.00
1.4		3	1	21.00	21.01	21.00	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.02	20.02	20.00	22.00
1.4	64QAM	1	0	20.00	20.15	20.00	22.00
1.4		1	3	20.01	20.16	20.01	22.00
1.4		1	5	20.09	20.22	20.00	22.00
1.4		3	0	20.00	20.00	20.00	22.00
1.4		3	1	20.01	20.01	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.02	19.02	19.01	21.00
1.4	256QAM	1	0	17.00	17.02	17.00	19.00
1.4		1	3	17.00	17.01	17.00	19.00
1.4		1	5	17.01	17.05	17.00	19.00
1.4		3	0	17.01	17.00	17.00	19.00
1.4		3	1	17.00	17.14	17.01	19.00
1.4		3	3	17.00	17.09	17.00	19.00
1.4		6	0	17.00	17.00	17.01	19.00

<LTE Band 5_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.56	22.60	22.59	24.00
10		1	25	22.39	22.52	22.48	24.00
10		1	49	22.43	22.54	22.47	24.00
10		25	0	21.39	21.54	21.38	23.00
10		25	12	21.44	21.53	21.42	23.00
10		25	25	21.34	21.52	21.47	23.00
10		50	0	21.40	21.56	21.48	23.00
10	16QAM	1	0	21.62	21.76	21.62	23.00
10		1	25	21.69	21.85	21.79	23.00
10		1	49	21.64	21.78	21.65	23.00
10		25	0	20.33	20.50	20.42	22.00
10		25	12	20.41	20.49	20.35	22.00
10		25	25	20.38	20.53	20.43	22.00
10		50	0	20.37	20.55	20.50	22.00
10	64QAM	1	0	20.61	20.70	20.56	22.00
10		1	25	20.62	20.68	20.66	22.00
10		1	49	20.60	20.71	20.63	22.00
10		25	0	19.43	19.51	19.40	21.00
10		25	12	19.36	19.51	19.42	21.00
10		25	25	19.35	19.49	19.39	21.00
10		50	0	19.36	19.52	19.43	21.00
10	256QAM	1	0	17.60	17.66	17.51	19.00
10		1	25	17.48	17.62	17.47	19.00
10		1	49	17.44	17.61	17.58	19.00
10		25	0	17.36	17.52	17.41	19.00
10		25	12	17.39	17.53	17.42	19.00
10		25	25	17.42	17.54	17.44	19.00
10		50	0	17.50	17.55	17.49	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.47	22.48	22.48	24.00
5		1	12	22.29	22.37	22.45	24.00
5		1	24	22.31	22.53	22.35	24.00
5		12	0	21.33	21.43	21.24	23.00
5		12	7	21.37	21.38	21.28	23.00
5		12	13	21.24	21.37	21.32	23.00
5		25	0	21.37	21.45	21.39	23.00
5	16QAM	1	0	21.53	21.62	21.58	23.00
5		1	12	21.59	21.74	21.69	23.00
5		1	24	21.54	21.76	21.53	23.00
5		12	0	20.24	20.40	20.39	22.00
5		12	7	20.39	20.44	20.31	22.00
5		12	13	20.29	20.44	20.38	22.00
5		25	0	20.28	20.53	20.47	22.00
5	64QAM	1	0	20.49	20.59	20.53	22.00
5		1	12	20.53	20.64	20.59	22.00
5		1	24	20.46	20.58	20.53	22.00
5		12	0	19.37	19.46	19.28	21.00
5		12	7	19.29	19.43	19.39	21.00
5		12	13	19.28	19.39	19.33	21.00
5		25	0	19.21	19.43	19.36	21.00
5	256QAM	1	0	17.49	17.52	17.47	19.00
5		1	12	17.36	17.52	17.38	19.00
5		1	24	17.41	17.50	17.54	19.00
5		12	0	17.29	17.43	17.33	19.00
5		12	7	17.27	17.46	17.31	19.00
5		12	13	17.40	17.40	17.36	19.00
5		25	0	17.42	17.48	17.36	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				824.5	836.5	847.5	
3	QPSK	1	0	22.47	22.53	22.57	24.00
3		1	8	22.29	22.50	22.37	24.00
3		1	14	22.32	22.45	22.36	24.00
3		8	0	21.36	21.52	21.30	23.00
3		8	4	21.41	21.47	21.30	23.00
3		8	7	21.24	21.40	21.33	23.00
3		15	0	21.33	21.53	21.36	23.00
3	16QAM	1	0	21.56	21.64	21.51	23.00
3		1	8	21.54	21.74	21.71	23.00
3		1	14	21.50	21.77	21.58	23.00
3		8	0	20.30	20.37	20.32	22.00
3		8	4	20.30	20.42	20.23	22.00
3		8	7	20.29	20.42	20.35	22.00
3		15	0	20.27	20.40	20.36	22.00
3	64QAM	1	0	20.51	20.60	20.53	22.00
3		1	8	20.51	20.67	20.61	22.00
3		1	14	20.55	20.62	20.62	22.00
3		8	0	19.35	19.50	19.37	21.00
3		8	4	19.33	19.47	19.38	21.00
3		8	7	19.30	19.39	19.31	21.00
3		15	0	19.33	19.47	19.39	21.00
3	256QAM	1	0	17.47	17.56	17.39	19.00
3		1	8	17.41	17.50	17.33	19.00
3		1	14	17.36	17.46	17.46	19.00
3		8	0	17.23	17.46	17.33	19.00
3		8	4	17.28	17.50	17.32	19.00
3		8	7	17.40	17.48	17.34	19.00
3		15	0	17.44	17.40	17.37	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.49	22.48	22.53	24.00
1.4		1	3	22.31	22.48	22.37	24.00
1.4		1	5	22.42	22.50	22.34	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.00	22.00	22.00	24.00
1.4		6	0	21.28	21.46	21.42	23.00
1.4	16QAM	1	0	21.51	21.75	21.59	23.00
1.4		1	3	21.64	21.71	21.75	23.00
1.4		1	5	21.62	21.76	21.62	23.00
1.4		3	0	21.00	21.00	21.01	23.00
1.4		3	1	21.02	21.00	21.02	23.00
1.4		3	3	21.01	21.00	21.00	23.00
1.4		6	0	20.29	20.40	20.36	22.00
1.4	64QAM	1	0	20.54	20.56	20.46	22.00
1.4		1	3	20.52	20.61	20.59	22.00
1.4		1	5	20.55	20.59	20.51	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.01	20.01	20.01	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.28	19.50	19.34	21.00
1.4	256QAM	1	0	17.46	17.53	17.48	19.00
1.4		1	3	17.45	17.49	17.39	19.00
1.4		1	5	17.33	17.54	17.45	19.00
1.4		3	0	17.24	17.48	17.34	19.00
1.4		3	1	17.34	17.49	17.40	19.00
1.4		3	3	17.29	17.40	17.36	19.00
1.4		6	0	17.49	17.42	17.42	19.00

<LTE Band 12_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.49	22.59	22.26	24.00
10		1	25	22.18	22.42	22.06	24.00
10		1	49	22.36	22.49	22.11	24.00
10		25	0	21.29	21.50	21.05	23.00
10		25	12	21.13	21.30	21.00	23.00
10		25	25	21.24	21.48	21.13	23.00
10		50	0	21.25	21.36	21.00	23.00
10	16QAM	1	0	21.92	22.06	21.63	23.00
10		1	25	21.82	21.94	21.54	23.00
10		1	49	21.58	21.76	21.37	23.00
10		25	0	20.22	20.33	20.00	22.00
10		25	12	20.21	20.35	20.01	22.00
10		25	25	20.27	20.40	20.02	22.00
10		50	0	20.23	20.35	20.02	22.00
10	64QAM	1	0	20.47	20.70	20.37	22.00
10		1	25	20.48	20.61	20.30	22.00
10		1	49	20.43	20.59	20.27	22.00
10		25	0	19.07	19.30	19.00	21.00
10		25	12	19.17	19.31	19.02	21.00
10		25	25	19.22	19.41	19.04	21.00
10		50	0	19.21	19.39	19.00	21.00
10	256QAM	1	0	17.47	17.67	17.40	19.00
10		1	25	17.48	17.65	17.30	19.00
10		1	49	17.49	17.62	17.35	19.00
10		25	0	17.18	17.30	17.00	19.00
10		25	12	17.29	17.42	17.02	19.00
10		25	25	17.34	17.46	17.15	19.00
10		50	0	17.16	17.38	17.08	19.00
Channel				23035	23095	23155	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.39	22.51	22.15	24.00
5		1	12	22.08	22.37	22.01	24.00
5		1	24	22.33	22.45	22.05	24.00
5		12	0	21.23	21.47	21.01	23.00
5		12	7	21.06	21.26	21.00	23.00
5		12	13	21.23	21.42	21.03	23.00
5		25	0	21.22	21.33	21.01	23.00
5	16QAM	1	0	21.90	22.00	21.56	23.00
5		1	12	21.78	21.81	21.49	23.00
5		1	24	21.52	21.63	21.24	23.00
5		12	0	20.13	20.31	20.01	22.00
5		12	7	20.19	20.25	20.01	22.00
5		12	13	20.14	20.35	20.02	22.00
5		25	0	20.18	20.26	20.00	22.00
5	64QAM	1	0	20.37	20.67	20.27	22.00
5		1	12	20.40	20.60	20.28	22.00
5		1	24	20.31	20.53	20.22	22.00
5		12	0	19.05	19.18	19.00	21.00
5		12	7	19.08	19.22	19.01	21.00
5		12	13	19.21	19.35	19.00	21.00
5		25	0	19.15	19.26	19.01	21.00
5	256QAM	1	0	17.42	17.53	17.35	19.00
5		1	12	17.45	17.57	17.20	19.00
5		1	24	17.41	17.48	17.26	19.00
5		12	0	17.06	17.17	17.00	19.00
5		12	7	17.23	17.32	17.02	19.00
5		12	13	17.25	17.41	17.13	19.00
5		25	0	17.09	17.35	17.00	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.46	22.55	22.12	24.00
3		1	8	22.11	22.30	22.01	24.00
3		1	14	22.28	22.40	22.01	24.00
3		8	0	21.21	21.38	21.01	23.00
3		8	4	21.10	21.19	21.01	23.00
3		8	7	21.23	21.46	21.11	23.00
3		15	0	21.16	21.31	21.00	23.00
3	16QAM	1	0	21.85	22.03	21.53	23.00
3		1	8	21.72	21.90	21.52	23.00
3		1	14	21.53	21.69	21.28	23.00
3		8	0	20.21	20.21	20.00	22.00
3		8	4	20.17	20.23	20.01	22.00
3		8	7	20.20	20.38	20.01	22.00
3		15	0	20.17	20.27	20.01	22.00
3	64QAM	1	0	20.33	20.62	20.34	22.00
3		1	8	20.46	20.60	20.28	22.00
3		1	14	20.30	20.55	20.17	22.00
3		8	0	19.00	19.19	19.01	21.00
3		8	4	19.09	19.24	19.00	21.00
3		8	7	19.09	19.40	19.00	21.00
3		15	0	19.16	19.25	19.00	21.00
3	256QAM	1	0	17.32	17.62	17.34	19.00
3		1	8	17.42	17.63	17.29	19.00
3		1	14	17.38	17.58	17.22	19.00
3		8	0	17.16	17.16	17.01	19.00
3		8	4	17.25	17.29	17.01	19.00
3		8	7	17.31	17.39	17.01	19.00
3		15	0	17.15	17.36	17.00	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.37	22.55	22.21	24.00
1.4		1	3	22.06	22.35	22.04	24.00
1.4		1	5	22.22	22.44	22.05	24.00
1.4		3	0	22.02	22.02	22.00	24.00
1.4		3	1	22.01	22.02	22.00	24.00
1.4		3	3	22.01	22.00	22.02	24.00
1.4		6	0	21.16	21.22	21.00	23.00
1.4	16QAM	1	0	21.79	21.93	21.60	23.00
1.4		1	3	21.69	21.92	21.41	23.00
1.4		1	5	21.48	21.66	21.31	23.00
1.4		3	0	21.00	21.02	21.00	23.00
1.4		3	1	21.01	21.01	21.00	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.19	20.34	20.01	22.00
1.4	64QAM	1	0	20.35	20.68	20.23	22.00
1.4		1	3	20.41	20.47	20.21	22.00
1.4		1	5	20.32	20.56	20.12	22.00
1.4		3	0	20.01	20.01	20.02	22.00
1.4		3	1	20.02	20.01	20.00	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.10	19.37	19.01	21.00
1.4	256QAM	1	0	17.33	17.66	17.28	19.00
1.4		1	3	17.41	17.54	17.16	19.00
1.4		1	5	17.44	17.58	17.28	19.00
1.4		3	0	17.14	17.26	17.01	19.00
1.4		3	1	17.26	17.38	17.01	19.00
1.4		3	3	17.24	17.32	17.07	19.00
1.4		6	0	17.03	17.30	17.03	19.00

<LTE Band 13_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.51		24.00
10		1	25		22.37		24.00
10		1	49		22.41		24.00
10		25	0		21.46		23.00
10		25	12		21.45		23.00
10		25	25		21.44		23.00
10		50	0		21.49		23.00
10	16QAM	1	0		21.79		23.00
10		1	25		21.69		23.00
10		1	49		21.78		23.00
10		25	0		20.41		22.00
10		25	12		20.45		22.00
10		25	25		20.42		22.00
10		50	0		20.56		22.00
10	64QAM	1	0		20.67		22.00
10		1	25		20.61		22.00
10		1	49		20.61		22.00
10		25	0		19.37		21.00
10		25	12		19.45		21.00
10		25	25		19.41		21.00
10		50	0		19.47		21.00
10	256QAM	1	0		17.70		19.00
10		1	25		17.66		19.00
10		1	49		17.59		19.00
10		25	0		17.47		19.00
10		25	12		17.54		19.00
10		25	25		17.52		19.00
10		50	0		17.55		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.43	22.50	22.45	24.00
5		1	12	22.09	22.19	22.10	24.00
5		1	24	22.16	22.33	22.16	24.00
5		12	0	21.15	21.34	21.24	23.00
5		12	7	21.09	21.27	21.13	23.00
5		12	13	21.17	21.29	21.14	23.00
5		25	0	21.17	21.28	21.18	23.00
5	16QAM	1	0	21.52	21.73	21.57	23.00
5		1	12	21.47	21.58	21.52	23.00
5		1	24	21.54	21.70	21.61	23.00
5		12	0	20.18	20.29	20.13	22.00
5		12	7	20.07	20.22	20.16	22.00
5		12	13	20.04	20.17	20.09	22.00
5		25	0	20.27	20.38	20.29	22.00
5	64QAM	1	0	20.43	20.54	20.44	22.00
5		1	12	20.36	20.44	20.26	22.00
5		1	24	20.24	20.45	20.37	22.00
5		12	0	19.05	19.25	19.16	21.00
5		12	7	19.13	19.31	19.22	21.00
5		12	13	19.15	19.29	19.10	21.00
5		25	0	19.21	19.30	19.13	21.00
5	256QAM	1	0	17.46	17.60	17.50	19.00
5		1	12	17.34	17.53	17.35	19.00
5		1	24	17.36	17.53	17.45	19.00
5		12	0	17.17	17.27	17.17	19.00
5		12	7	17.28	17.38	17.31	19.00
5		12	13	17.33	17.42	17.28	19.00
5		25	0	17.28	17.35	17.17	19.00

<LTE Band 14_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.93		24.00
10		1	49		22.94		24.00
10		25	0		21.91		23.00
10		25	12		21.88		23.00
10		25	25		21.86		23.00
10		50	0		21.91		23.00
10	16QAM	1	0		22.03		23.00
10		1	25		21.96		23.00
10		1	49		21.96		23.00
10		25	0		20.87		22.00
10		25	12		20.86		22.00
10		25	25		20.82		22.00
10		50	0		20.89		22.00
10	64QAM	1	0		20.99		22.00
10		1	25		20.93		22.00
10		1	49		20.94		22.00
10		25	0		19.90		21.00
10		25	12		19.91		21.00
10		25	25		19.86		21.00
10		50	0		19.91		21.00
10	256QAM	1	0		17.87		19.00
10		1	25		17.80		19.00
10		1	49		17.80		19.00
10		25	0		17.92		19.00
10		25	12		17.93		19.00
10		25	25		17.88		19.00
10		50	0		17.91		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.99	22.96	24.00
5		1	12	22.75	22.87	22.77	24.00
5		1	24	22.73	22.93	22.84	24.00
5		12	0	21.77	21.94	21.83	23.00
5		12	7	21.67	21.84	21.78	23.00
5		12	13	21.63	21.79	21.65	23.00
5		25	0	21.71	21.85	21.77	23.00
5	16QAM	1	0	21.84	22.02	21.88	23.00
5		1	12	21.73	21.89	21.85	23.00
5		1	24	21.65	21.85	21.72	23.00
5		12	0	20.74	20.94	20.81	22.00
5		12	7	20.75	20.89	20.75	22.00
5		12	13	20.76	20.86	20.73	22.00
5		25	0	20.73	20.92	20.85	22.00
5	64QAM	1	0	20.83	20.93	20.82	22.00
5		1	12	20.92	21.00	20.94	22.00
5		1	24	20.74	20.84	20.67	22.00
5		12	0	19.77	19.87	19.75	21.00
5		12	7	19.72	19.80	19.73	21.00
5		12	13	19.73	19.93	19.86	21.00
5		25	0	19.75	19.81	19.86	21.00
5	256QAM	1	0	17.81	17.78	17.62	19.00
5		1	12	17.62	17.77	17.73	19.00
5		1	24	17.67	17.79	17.67	19.00
5		12	0	17.78	17.85	17.80	19.00
5		12	7	17.89	17.95	17.87	19.00
5		12	13	17.72	17.82	17.75	19.00
5		25	0	17.86	17.94	17.89	19.00

<LTE Band 17_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.47	22.52	22.18	24.00
10		1	25	22.31	22.51	22.05	24.00
10		1	49	22.31	22.50	22.10	24.00
10		25	0	21.49	21.58	21.22	23.00
10		25	12	21.41	21.57	21.13	23.00
10		25	25	21.34	21.46	21.01	23.00
10		50	0	21.27	21.43	21.09	23.00
10	16QAM	1	0	21.45	21.61	21.14	23.00
10		1	25	21.67	21.76	21.33	23.00
10		1	49	21.73	21.85	21.40	23.00
10		25	0	20.19	20.34	20.00	22.00
10		25	12	20.39	20.54	20.14	22.00
10		25	25	20.36	20.45	20.02	22.00
10		50	0	20.33	20.40	20.00	22.00
10	64QAM	1	0	20.37	20.52	20.15	22.00
10		1	25	20.62	20.69	20.36	22.00
10		1	49	20.53	20.65	20.21	22.00
10		25	0	19.21	19.36	19.01	21.00
10		25	12	19.35	19.53	19.09	21.00
10		25	25	19.34	19.46	19.15	21.00
10		50	0	19.35	19.42	19.01	21.00
10	256QAM	1	0	17.22	17.36	17.01	19.00
10		1	25	17.57	17.67	17.27	19.00
10		1	49	17.45	17.54	17.15	19.00
10		25	0	17.20	17.36	17.00	19.00
10		25	12	17.42	17.52	17.24	19.00
10		25	25	17.36	17.44	17.06	19.00
10		50	0	17.33	17.39	17.10	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.37	22.39	22.15	24.00
5		1	12	22.24	22.46	22.00	24.00
5		1	24	22.22	22.49	22.02	24.00
5		12	0	21.43	21.48	21.20	23.00
5		12	7	21.28	21.46	21.00	23.00
5		12	13	21.27	21.41	21.00	23.00
5		25	0	21.25	21.29	21.04	23.00
5	16QAM	1	0	21.38	21.59	21.00	23.00
5		1	12	21.59	21.64	21.25	23.00
5		1	24	21.61	21.74	21.28	23.00
5		12	0	20.16	20.22	20.01	22.00
5		12	7	20.26	20.40	20.05	22.00
5		12	13	20.25	20.36	20.00	22.00
5		25	0	20.27	20.26	20.01	22.00
5	64QAM	1	0	20.28	20.46	20.06	22.00
5		1	12	20.48	20.61	20.33	22.00
5		1	24	20.45	20.62	20.06	22.00
5		12	0	19.13	19.34	19.01	21.00
5		12	7	19.32	19.39	19.03	21.00
5		12	13	19.22	19.31	19.13	21.00
5		25	0	19.31	19.36	19.00	21.00
5	256QAM	1	0	17.19	17.32	17.00	19.00
5		1	12	17.52	17.56	17.13	19.00
5		1	24	17.40	17.44	17.12	19.00
5		12	0	17.12	17.22	17.00	19.00
5		12	7	17.29	17.50	17.20	19.00
5		12	13	17.33	17.37	17.04	19.00
5		25	0	17.25	17.26	17.01	19.00

<LTE Band 25_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.81	22.85	22.51	24.00
20		1	49	22.56	22.72	22.27	24.00
20		1	99	22.40	22.68	22.20	24.00
20		50	0	21.62	21.72	21.37	23.00
20		50	24	21.57	21.72	21.32	23.00
20		50	50	21.49	21.67	21.32	23.00
20		100	0	21.51	21.68	21.31	23.00
20	16QAM	1	0	21.76	21.91	21.44	23.00
20		1	49	21.82	21.88	21.54	23.00
20		1	99	21.81	21.91	21.49	23.00
20		50	0	20.56	20.73	20.36	22.00
20		50	24	20.64	20.73	20.31	22.00
20		50	50	20.58	20.69	20.26	22.00
20		100	0	20.63	20.69	20.27	22.00
20	64QAM	1	0	20.75	20.86	20.42	22.00
20		1	49	20.82	20.87	20.52	22.00
20		1	99	20.70	20.81	20.45	22.00
20		50	0	19.60	19.77	19.33	21.00
20		50	24	19.59	19.75	19.44	21.00
20		50	50	19.63	19.71	19.30	21.00
20		100	0	19.62	19.70	19.39	21.00
20	256QAM	1	0	17.83	17.87	17.49	19.00
20		1	49	17.76	17.81	17.42	19.00
20		1	99	17.73	17.86	17.53	19.00
20		50	0	17.72	17.82	17.42	19.00
20		50	24	17.71	17.81	17.46	19.00
20		50	50	17.66	17.75	17.41	19.00
20		100	0	17.63	17.75	17.38	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.78	22.75	22.45	24.00
15		1	37	22.46	22.58	22.24	24.00
15		1	74	22.44	22.65	22.19	24.00
15		36	0	21.56	21.67	21.25	23.00
15		36	20	21.48	21.63	21.29	23.00
15		36	39	21.38	21.54	21.31	23.00
15		75	0	21.45	21.63	21.25	23.00
15	16QAM	1	0	21.62	21.83	21.35	23.00
15		1	37	21.73	21.77	21.47	23.00
15		1	74	21.70	21.87	21.39	23.00
15		36	0	20.47	20.63	20.31	22.00
15		36	20	20.53	20.68	20.28	22.00
15		36	39	20.50	20.62	20.19	22.00
15		75	0	20.62	20.68	20.20	22.00
15	64QAM	1	0	20.72	20.74	20.30	22.00
15		1	37	20.72	20.83	20.50	22.00
15		1	74	20.64	20.68	20.33	22.00
15		36	0	19.58	19.73	19.23	21.00
15		36	20	19.47	19.70	19.41	21.00
15		36	39	19.60	19.70	19.27	21.00
15		75	0	19.49	19.56	19.24	21.00
15	256QAM	1	0	17.70	17.81	17.35	19.00
15		1	37	17.69	17.68	17.41	19.00
15		1	74	17.70	17.73	17.45	19.00
15		36	0	17.61	17.77	17.37	19.00
15		36	20	17.67	17.77	17.32	19.00
15		36	39	17.60	17.72	17.33	19.00
15		75	0	17.58	17.72	17.35	19.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.80	22.77	22.36	24.00
10		1	25	22.41	22.67	22.23	24.00
10		1	49	22.42	22.57	22.09	24.00
10		25	0	21.59	21.68	21.25	23.00
10		25	12	21.46	21.62	21.20	23.00
10		25	25	21.35	21.64	21.19	23.00
10		50	0	21.43	21.66	21.18	23.00
10	16QAM	1	0	21.70	21.87	21.42	23.00
10		1	25	21.76	21.75	21.51	23.00
10		1	49	21.68	21.85	21.39	23.00
10		25	0	20.51	20.60	20.26	22.00
10		25	12	20.58	20.69	20.21	22.00
10		25	25	20.46	20.67	20.19	22.00
10		50	0	20.48	20.56	20.24	22.00
10	64QAM	1	0	20.68	20.84	20.37	22.00
10		1	25	20.79	20.76	20.43	22.00
10		1	49	20.68	20.71	20.40	22.00
10		25	0	19.47	19.69	19.26	21.00
10		25	12	19.48	19.65	19.33	21.00
10		25	25	19.53	19.69	19.15	21.00
10		50	0	19.51	19.61	19.37	21.00
10	256QAM	1	0	17.68	17.78	17.38	19.00
10		1	25	17.72	17.76	17.28	19.00
10		1	49	17.62	17.77	17.43	19.00
10		25	0	17.71	17.69	17.40	19.00
10		25	12	17.67	17.74	17.37	19.00
10		25	25	17.60	17.72	17.29	19.00
10		50	0	17.52	17.70	17.27	19.00
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.66	22.70	22.40	24.00
5		1	12	22.51	22.65	22.13	24.00
5		1	24	22.35	22.63	22.17	24.00
5		12	0	21.57	21.69	21.35	23.00
5		12	7	21.48	21.69	21.27	23.00
5		12	13	21.40	21.58	21.25	23.00
5		25	0	21.41	21.61	21.22	23.00
5	16QAM	1	0	21.69	21.79	21.39	23.00
5		1	12	21.68	21.82	21.47	23.00
5		1	24	21.77	21.79	21.36	23.00
5		12	0	20.46	20.58	20.34	22.00
5		12	7	20.49	20.61	20.30	22.00
5		12	13	20.46	20.61	20.19	22.00
5		25	0	20.56	20.68	20.22	22.00
5	64QAM	1	0	20.63	20.84	20.28	22.00
5		1	12	20.68	20.73	20.41	22.00
5		1	24	20.65	20.78	20.36	22.00
5		12	0	19.56	19.73	19.29	21.00
5		12	7	19.57	19.62	19.30	21.00
5		12	13	19.51	19.57	19.22	21.00
5		25	0	19.51	19.59	19.33	21.00
5	256QAM	1	0	17.69	17.85	17.47	19.00
5		1	12	17.64	17.78	17.27	19.00
5		1	24	17.61	17.75	17.43	19.00
5		12	0	17.70	17.71	17.41	19.00
5		12	7	17.62	17.73	17.37	19.00
5		12	13	17.53	17.74	17.39	19.00
5		25	0	17.50	17.68	17.27	19.00
Channel				26025	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.79	22.79	22.45	24.00
3		1	8	22.55	22.66	22.19	24.00
3		1	14	22.43	22.62	22.18	24.00
3		8	0	21.60	21.59	21.29	23.00
3		8	4	21.54	21.70	21.25	23.00
3		8	7	21.41	21.56	21.25	23.00
3		15	0	21.46	21.58	21.17	23.00
3	16QAM	1	0	21.70	21.79	21.29	23.00
3		1	8	21.71	21.75	21.45	23.00
3		1	14	21.69	21.79	21.37	23.00
3		8	0	20.50	20.59	20.29	22.00
3		8	4	20.50	20.68	20.22	22.00
3		8	7	20.48	20.59	20.25	22.00
3		15	0	20.54	20.66	20.13	22.00
3	64QAM	1	0	20.64	20.83	20.33	22.00
3		1	8	20.75	20.83	20.49	22.00
3		1	14	20.68	20.78	20.42	22.00
3		8	0	19.49	19.63	19.23	21.00
3		8	4	19.48	19.72	19.40	21.00
3		8	7	19.52	19.59	19.16	21.00
3		15	0	19.56	19.60	19.30	21.00
3	256QAM	1	0	17.75	17.73	17.34	19.00
3		1	8	17.66	17.72	17.31	19.00
3		1	14	17.69	17.83	17.50	19.00
3		8	0	17.64	17.81	17.27	19.00
3		8	4	17.68	17.75	17.31	19.00
3		8	7	17.51	17.62	17.39	19.00
3		15	0	17.49	17.65	17.34	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.74	22.79	22.42	24.00
1.4		1	3	22.47	22.65	22.16	24.00
1.4		1	5	22.48	22.63	22.08	24.00
1.4		3	0	22.01	22.00	22.02	24.00
1.4		3	1	22.01	22.02	22.01	24.00
1.4		3	3	22.00	22.01	22.02	24.00
1.4		6	0	21.37	21.56	21.29	23.00
1.4	16QAM	1	0	21.62	21.80	21.40	23.00
1.4		1	3	21.81	21.79	21.43	23.00
1.4		1	5	21.68	21.80	21.36	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.01	21.00	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.59	20.63	20.25	22.00
1.4	64QAM	1	0	20.67	20.74	20.33	22.00
1.4		1	3	20.78	20.79	20.40	22.00
1.4		1	5	20.68	20.75	20.33	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.00	20.01	20.00	22.00
1.4		3	3	20.02	20.00	20.01	22.00
1.4		6	0	19.47	19.62	19.26	21.00
1.4	256QAM	1	0	17.77	17.77	17.46	19.00
1.4		1	3	17.67	17.78	17.34	19.00
1.4		1	5	17.63	17.74	17.48	19.00
1.4		3	0	17.70	17.73	17.40	19.00
1.4		3	1	17.59	17.72	17.32	19.00
1.4		3	3	17.55	17.66	17.29	19.00
1.4		6	0	17.49	17.65	17.29	19.00

<LTE Band 26_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.63	22.65	22.59	24.00
15		1	37	22.54	22.60	22.46	24.00
15		1	74	22.48	22.57	22.49	24.00
15		36	0	21.42	21.50	21.36	23.00
15		36	20	21.33	21.47	21.26	23.00
15		36	39	21.32	21.48	21.32	23.00
15		75	0	21.41	21.52	21.40	23.00
15	16QAM	1	0	21.64	21.79	21.72	23.00
15		1	37	21.74	21.81	21.70	23.00
15		1	74	21.76	21.83	21.66	23.00
15		36	0	20.37	20.50	20.42	22.00
15		36	20	20.31	20.46	20.37	22.00
15		36	39	20.42	20.50	20.31	22.00
15		75	0	20.47	20.50	20.37	22.00
15	64QAM	1	0	20.54	20.66	20.57	22.00
15		1	37	20.63	20.72	20.62	22.00
15		1	74	20.71	20.82	20.63	22.00
15		36	0	19.44	19.57	19.45	21.00
15		36	20	19.39	19.54	19.45	21.00
15		36	39	19.49	19.57	19.39	21.00
15		75	0	19.40	19.53	19.41	21.00
15	256QAM	1	0	17.67	17.72	17.54	19.00
15		1	37	17.68	17.71	17.57	19.00
15		1	74	17.65	17.70	17.62	19.00
15		36	0	17.53	17.58	17.49	19.00
15		36	20	17.55	17.59	17.41	19.00
15		36	39	17.41	17.58	17.49	19.00
15		75	0	17.50	17.58	17.42	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.58	22.57	22.50	24.00
10		1	25	22.44	22.47	22.42	24.00
10		1	49	22.39	22.47	22.39	24.00
10		25	0	21.40	21.37	21.25	23.00
10		25	12	21.25	21.37	21.25	23.00
10		25	25	21.30	21.39	21.29	23.00
10		50	0	21.28	21.41	21.28	23.00
10	16QAM	1	0	21.50	21.73	21.59	23.00
10		1	25	21.63	21.74	21.62	23.00
10		1	49	21.65	21.70	21.57	23.00
10		25	0	20.30	20.42	20.28	22.00
10		25	12	20.18	20.36	20.34	22.00
10		25	25	20.33	20.46	20.22	22.00
10		50	0	20.34	20.37	20.30	22.00
10	64QAM	1	0	20.40	20.56	20.46	22.00
10		1	25	20.60	20.63	20.58	22.00
10		1	49	20.69	20.74	20.49	22.00
10		25	0	19.35	19.43	19.37	21.00
10		25	12	19.33	19.46	19.40	21.00
10		25	25	19.44	19.51	19.35	21.00
10		50	0	19.32	19.38	19.30	21.00
10	256QAM	1	0	17.55	17.66	17.48	19.00
10		1	25	17.62	17.65	17.42	19.00
10		1	49	17.51	17.66	17.57	19.00
10		25	0	17.44	17.43	17.46	19.00
10		25	12	17.50	17.47	17.36	19.00
10		25	25	17.34	17.45	17.41	19.00
10		50	0	17.40	17.49	17.39	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.55	22.58	22.57	24.00
5		1	12	22.40	22.45	22.40	24.00
5		1	24	22.46	22.54	22.44	24.00
5		12	0	21.37	21.46	21.30	23.00
5		12	7	21.23	21.34	21.13	23.00
5		12	13	21.26	21.35	21.26	23.00
5		25	0	21.38	21.45	21.28	23.00
5	16QAM	1	0	21.63	21.72	21.62	23.00
5		1	12	21.68	21.70	21.59	23.00
5		1	24	21.66	21.78	21.54	23.00
5		12	0	20.29	20.40	20.30	22.00
5		12	7	20.23	20.41	20.35	22.00
5		12	13	20.32	20.48	20.29	22.00
5		25	0	20.36	20.35	20.23	22.00
5	64QAM	1	0	20.50	20.61	20.49	22.00
5		1	12	20.50	20.63	20.58	22.00
5		1	24	20.60	20.78	20.51	22.00
5		12	0	19.40	19.44	19.41	21.00
5		12	7	19.25	19.41	19.44	21.00
5		12	13	19.42	19.56	19.25	21.00
5		25	0	19.30	19.49	19.34	21.00
5	256QAM	1	0	17.58	17.66	17.45	19.00
5		1	12	17.56	17.63	17.45	19.00
5		1	24	17.57	17.68	17.55	19.00
5		12	0	17.42	17.48	17.34	19.00
5		12	7	17.43	17.50	17.35	19.00
5		12	13	17.39	17.54	17.35	19.00
5		25	0	17.38	17.54	17.34	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.55	22.61	22.51	24.00
3		1	8	22.45	22.55	22.39	24.00
3		1	14	22.35	22.48	22.34	24.00
3		8	0	21.39	21.37	21.25	23.00
3		8	4	21.29	21.34	21.21	23.00
3		8	7	21.30	21.41	21.29	23.00
3		15	0	21.27	21.49	21.28	23.00
3	16QAM	1	0	21.62	21.76	21.71	23.00
3		1	8	21.59	21.73	21.62	23.00
3		1	14	21.70	21.78	21.57	23.00
3		8	0	20.28	20.40	20.40	22.00
3		8	4	20.24	20.39	20.23	22.00
3		8	7	20.34	20.44	20.18	22.00
3		15	0	20.45	20.44	20.36	22.00
3	64QAM	1	0	20.45	20.51	20.45	22.00
3		1	8	20.51	20.61	20.49	22.00
3		1	14	20.66	20.79	20.53	22.00
3		8	0	19.29	19.52	19.39	21.00
3		8	4	19.38	19.42	19.38	21.00
3		8	7	19.37	19.47	19.28	21.00
3		15	0	19.25	19.44	19.28	21.00
3	256QAM	1	0	17.55	17.60	17.41	19.00
3		1	8	17.60	17.68	17.47	19.00
3		1	14	17.50	17.66	17.50	19.00
3		8	0	17.51	17.54	17.41	19.00
3		8	4	17.52	17.52	17.27	19.00
3		8	7	17.38	17.47	17.38	19.00
3		15	0	17.44	17.43	17.36	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.49	22.52	22.48	24.00
1.4		1	3	22.46	22.56	22.38	24.00
1.4		1	5	22.41	22.50	22.36	24.00
1.4		3	0	22.02	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.00	22.01	22.00	24.00
1.4		6	0	21.38	21.47	21.33	23.00
1.4	16QAM	1	0	21.56	21.74	21.65	23.00
1.4		1	3	21.67	21.75	21.67	23.00
1.4		1	5	21.74	21.76	21.52	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.00	21.01	23.00
1.4		3	3	21.01	21.00	21.00	23.00
1.4		6	0	20.35	20.47	20.29	22.00
1.4	64QAM	1	0	20.48	20.60	20.49	22.00
1.4		1	3	20.60	20.70	20.58	22.00
1.4		1	5	20.57	20.74	20.51	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.00	20.01	20.00	22.00
1.4		6	0	19.26	19.47	19.35	21.00
1.4	256QAM	1	0	17.65	17.70	17.52	19.00
1.4		1	3	17.62	17.57	17.51	19.00
1.4		1	5	17.62	17.66	17.54	19.00
1.4		3	0	17.49	17.44	17.43	19.00
1.4		3	1	17.43	17.49	17.39	19.00
1.4		3	3	17.35	17.43	17.41	19.00
1.4		6	0	17.48	17.54	17.39	19.00

<LTE Band 66_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.01	22.36	22.02	24.00
20		1	49	22.01	22.24	22.00	24.00
20		1	99	22.02	22.35	22.00	24.00
20		50	0	21.02	21.35	21.01	23.00
20		50	24	21.01	21.23	21.02	23.00
20		50	50	21.00	21.32	21.02	23.00
20		100	0	21.02	21.26	21.00	23.00
20	16QAM	1	0	21.01	21.28	21.00	23.00
20		1	49	21.18	21.57	21.12	23.00
20		1	99	21.30	21.72	21.37	23.00
20		50	0	20.01	20.16	20.01	22.00
20		50	24	20.00	20.26	20.02	22.00
20		50	50	20.00	20.34	20.01	22.00
20		100	0	20.01	20.27	20.01	22.00
20	64QAM	1	0	20.01	20.23	20.00	22.00
20		1	49	20.00	20.42	20.04	22.00
20		1	99	20.27	20.63	20.21	22.00
20		50	0	19.00	19.18	19.00	21.00
20		50	24	19.00	19.27	19.00	21.00
20		50	50	19.02	19.34	19.03	21.00
20		100	0	19.01	19.29	19.00	21.00
20	256QAM	1	0	17.00	17.14	17.00	19.00
20		1	49	17.04	17.41	17.06	19.00
20		1	99	17.14	17.49	17.12	19.00
20		50	0	17.00	17.16	17.00	19.00
20		50	24	17.00	17.27	17.00	19.00
20		50	50	17.01	17.31	17.00	19.00
20		100	0	17.02	17.26	17.01	19.00
Channel				132147	132322	132497	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.00	22.22	22.01	24.00
15		1	37	22.01	22.09	22.00	24.00
15		1	74	22.00	22.27	22.00	24.00
15		36	0	21.00	21.30	21.01	23.00
15		36	20	21.00	21.18	21.01	23.00
15		36	39	21.00	21.23	21.02	23.00
15		75	0	21.00	21.24	21.00	23.00
15	16QAM	1	0	21.02	21.16	21.00	23.00
15		1	37	21.03	21.49	21.10	23.00
15		1	74	21.28	21.60	21.29	23.00
15		36	0	20.02	20.12	20.01	22.00
15		36	20	20.02	20.12	20.01	22.00
15		36	39	20.00	20.24	20.01	22.00
15		75	0	20.01	20.23	20.02	22.00
15	64QAM	1	0	20.00	20.10	20.00	22.00
15		1	37	20.00	20.33	20.00	22.00
15		1	74	20.13	20.56	20.20	22.00
15		36	0	19.00	19.03	19.01	21.00
15		36	20	19.01	19.26	19.00	21.00
15		36	39	19.00	19.22	19.02	21.00
15		75	0	19.02	19.18	19.01	21.00
15	256QAM	1	0	17.01	17.11	17.00	19.00
15		1	37	17.02	17.40	17.00	19.00
15		1	74	17.02	17.38	17.05	19.00
15		36	0	17.00	17.14	17.00	19.00
15		36	20	17.00	17.20	17.00	19.00
15		36	39	17.00	17.17	17.02	19.00
15		75	0	17.01	17.12	17.01	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.01	22.34	22.02	24.00
10		1	25	22.00	22.21	22.00	24.00
10		1	49	22.01	22.31	22.02	24.00
10		25	0	21.02	21.33	21.02	23.00
10		25	12	21.01	21.22	21.01	23.00
10		25	25	21.00	21.30	21.01	23.00
10		50	0	21.02	21.17	21.00	23.00
10	16QAM	1	0	21.00	21.24	21.00	23.00
10		1	25	21.07	21.53	21.01	23.00
10		1	49	21.25	21.63	21.28	23.00
10		25	0	20.00	20.14	20.00	22.00
10		25	12	20.02	20.20	20.01	22.00
10		25	25	20.00	20.27	20.02	22.00
10		50	0	20.02	20.20	20.00	22.00
10	64QAM	1	0	20.01	20.11	20.00	22.00
10		1	25	20.00	20.29	20.02	22.00
10		1	49	20.22	20.50	20.12	22.00
10		25	0	19.00	19.13	19.00	21.00
10		25	12	19.02	19.21	19.01	21.00
10		25	25	19.01	19.22	19.00	21.00
10		50	0	19.01	19.27	19.00	21.00
10	256QAM	1	0	17.00	17.09	17.00	19.00
10		1	25	17.00	17.29	17.00	19.00
10		1	49	17.00	17.40	17.08	19.00
10		25	0	17.01	17.04	17.02	19.00
10		25	12	17.00	17.13	17.00	19.00
10		25	25	17.00	17.24	17.00	19.00
10		50	0	17.00	17.12	17.00	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.00	22.32	22.00	24.00
5		1	12	22.01	22.12	22.00	24.00
5		1	24	22.02	22.30	22.00	24.00
5		12	0	21.01	21.29	21.00	23.00
5		12	7	21.00	21.09	21.01	23.00
5		12	13	21.00	21.29	21.02	23.00
5		25	0	21.00	21.12	21.02	23.00
5	16QAM	1	0	21.00	21.19	21.00	23.00
5		1	12	21.07	21.43	21.07	23.00
5		1	24	21.26	21.69	21.30	23.00
5		12	0	20.01	20.09	20.01	22.00
5		12	7	20.01	20.18	20.01	22.00
5		12	13	20.00	20.22	20.00	22.00
5		25	0	20.00	20.17	20.02	22.00
5	64QAM	1	0	20.01	20.14	20.00	22.00
5		1	12	20.00	20.35	20.00	22.00
5		1	24	20.20	20.61	20.15	22.00
5		12	0	19.00	19.06	19.00	21.00
5		12	7	19.02	19.22	19.01	21.00
5		12	13	19.00	19.21	19.02	21.00
5		25	0	19.01	19.17	19.01	21.00
5	256QAM	1	0	17.01	17.10	17.01	19.00
5		1	12	17.00	17.38	17.00	19.00
5		1	24	17.00	17.43	17.01	19.00
5		12	0	17.00	17.09	17.00	19.00
5		12	7	17.00	17.25	17.01	19.00
5		12	13	17.02	17.29	17.00	19.00
5		25	0	17.01	17.23	17.00	19.00
Channel				131967	132322	132677	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.00	22.35	22.00	24.00
3		1	8	22.01	22.21	22.00	24.00
3		1	14	22.00	22.22	22.00	24.00
3		8	0	21.00	21.32	21.00	23.00
3		8	4	21.01	21.11	21.01	23.00
3		8	7	21.00	21.17	21.00	23.00
3		15	0	21.01	21.19	21.00	23.00
3	16QAM	1	0	21.01	21.18	21.00	23.00
3		1	8	21.13	21.52	21.10	23.00
3		1	14	21.19	21.57	21.28	23.00
3		8	0	20.02	20.01	20.00	22.00
3		8	4	20.00	20.15	20.00	22.00
3		8	7	20.01	20.27	20.02	22.00
3		15	0	20.00	20.14	20.01	22.00
3	64QAM	1	0	20.00	20.14	20.01	22.00
3		1	8	20.01	20.41	20.01	22.00
3		1	14	20.21	20.62	20.13	22.00
3		8	0	19.00	19.09	19.01	21.00
3		8	4	19.01	19.25	19.00	21.00
3		8	7	19.01	19.24	19.01	21.00
3		15	0	19.00	19.22	19.01	21.00
3	256QAM	1	0	17.00	17.10	17.00	19.00
3		1	8	17.02	17.37	17.01	19.00
3		1	14	17.00	17.37	17.00	19.00
3		8	0	17.00	17.15	17.01	19.00
3		8	4	17.00	17.14	17.00	19.00
3		8	7	17.00	17.29	17.01	19.00
3		15	0	17.00	17.11	17.00	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.00	22.29	22.01	24.00
1.4		1	3	22.02	22.18	22.00	24.00
1.4		1	5	22.01	22.22	22.00	24.00
1.4		3	0	22.01	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.01	22.02	22.01	24.00
1.4		6	0	21.00	21.22	21.02	23.00
1.4	16QAM	1	0	21.00	21.13	21.02	23.00
1.4		1	3	21.03	21.48	21.01	23.00
1.4		1	5	21.26	21.60	21.34	23.00
1.4		3	0	21.01	21.00	21.01	23.00
1.4		3	1	21.00	21.00	21.00	23.00
1.4		3	3	21.00	21.01	21.00	23.00
1.4		6	0	20.01	20.20	20.00	22.00
1.4	64QAM	1	0	20.00	20.16	20.00	22.00
1.4		1	3	20.01	20.33	20.01	22.00
1.4		1	5	20.18	20.51	20.17	22.00
1.4		3	0	20.01	20.02	20.01	22.00
1.4		3	1	20.01	20.01	20.00	22.00
1.4		3	3	20.00	20.00	20.01	22.00
1.4		6	0	19.00	19.16	19.00	21.00
1.4	256QAM	1	0	17.00	17.00	17.01	19.00
1.4		1	3	17.00	17.34	17.00	19.00
1.4		1	5	17.12	17.34	17.01	19.00
1.4		3	0	17.00	17.08	17.01	19.00
1.4		3	1	17.00	17.17	17.00	19.00
1.4		3	3	17.02	17.24	17.00	19.00
1.4		6	0	17.01	17.24	17.01	19.00

<LTE Band 71_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.61	22.66	22.55	24.00
20		1	49	22.47	22.57	22.37	24.00
20		1	99	22.31	22.49	22.36	24.00
20		50	0	21.42	21.62	21.38	23.00
20		50	24	21.44	21.51	21.36	23.00
20		50	50	21.39	21.53	21.39	23.00
20		100	0	21.41	21.55	21.32	23.00
20	16QAM	1	0	21.79	21.86	21.69	23.00
20		1	49	21.80	21.89	21.73	23.00
20		1	99	21.79	21.89	21.72	23.00
20		50	0	20.54	20.60	20.45	22.00
20		50	24	20.35	20.54	20.31	22.00
20		50	50	20.42	20.52	20.37	22.00
20		100	0	20.41	20.53	20.34	22.00
20	64QAM	1	0	20.79	20.85	20.73	22.00
20		1	49	20.70	20.76	20.59	22.00
20		1	99	20.51	20.70	20.55	22.00
20		50	0	19.60	19.66	19.50	21.00
20		50	24	19.44	19.60	19.43	21.00
20		50	50	19.54	19.61	19.42	21.00
20		100	0	19.57	19.63	19.45	21.00
20	256QAM	1	0	17.63	17.80	17.64	19.00
20		1	49	17.60	17.66	17.55	19.00
20		1	99	17.49	17.61	17.44	19.00
20		50	0	17.54	17.65	17.53	19.00
20		50	24	17.49	17.59	17.38	19.00
20		50	50	17.40	17.56	17.36	19.00
20		100	0	17.45	17.57	17.43	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.48	22.59	22.49	24.00
15		1	37	22.34	22.55	22.33	24.00
15		1	74	22.25	22.38	22.24	24.00
15		36	0	21.33	21.57	21.28	23.00
15		36	20	21.37	21.38	21.35	23.00
15		36	39	21.36	21.42	21.29	23.00
15		75	0	21.38	21.48	21.26	23.00
15	16QAM	1	0	21.70	21.73	21.65	23.00
15		1	37	21.69	21.82	21.60	23.00
15		1	74	21.71	21.78	21.67	23.00
15		36	0	20.48	20.55	20.34	22.00
15		36	20	20.21	20.50	20.19	22.00
15		36	39	20.40	20.39	20.33	22.00
15		75	0	20.30	20.41	20.26	22.00
15	64QAM	1	0	20.73	20.74	20.72	22.00
15		1	37	20.55	20.72	20.49	22.00
15		1	74	20.49	20.62	20.41	22.00
15		36	0	19.55	19.65	19.41	21.00
15		36	20	19.40	19.58	19.35	21.00
15		36	39	19.46	19.48	19.30	21.00
15		75	0	19.53	19.54	19.41	21.00
15	256QAM	1	0	17.55	17.77	17.58	19.00
15		1	37	17.48	17.62	17.45	19.00
15		1	74	17.44	17.53	17.40	19.00
15		36	0	17.49	17.59	17.47	19.00
15		36	20	17.43	17.59	17.32	19.00
15		36	39	17.35	17.47	17.23	19.00
15		75	0	17.38	17.45	17.29	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.58	22.56	22.51	24.00
10		1	25	22.37	22.51	22.30	24.00
10		1	49	22.22	22.40	22.30	24.00
10		25	0	21.29	21.57	21.33	23.00
10		25	12	21.36	21.49	21.33	23.00
10		25	25	21.24	21.42	21.34	23.00
10		50	0	21.28	21.53	21.24	23.00
10	16QAM	1	0	21.78	21.81	21.57	23.00
10		1	25	21.69	21.79	21.60	23.00
10		1	49	21.66	21.76	21.61	23.00
10		25	0	20.51	20.47	20.38	22.00
10		25	12	20.34	20.48	20.26	22.00
10		25	25	20.36	20.47	20.24	22.00
10		50	0	20.35	20.39	20.25	22.00
10	64QAM	1	0	20.74	20.80	20.66	22.00
10		1	25	20.58	20.70	20.55	22.00
10		1	49	20.48	20.63	20.49	22.00
10		25	0	19.54	19.65	19.46	21.00
10		25	12	19.34	19.55	19.32	21.00
10		25	25	19.45	19.48	19.30	21.00
10		50	0	19.45	19.50	19.43	21.00
10	256QAM	1	0	17.61	17.77	17.61	19.00
10		1	25	17.49	17.58	17.43	19.00
10		1	49	17.40	17.50	17.32	19.00
10		25	0	17.43	17.59	17.46	19.00
10		25	12	17.47	17.52	17.30	19.00
10		25	25	17.29	17.54	17.34	19.00
10		50	0	17.43	17.46	17.39	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.53	22.52	22.52	24.00
5		1	12	22.42	22.53	22.36	24.00
5		1	24	22.25	22.38	22.24	24.00
5		12	0	21.36	21.58	21.24	23.00
5		12	7	21.32	21.48	21.34	23.00
5		12	13	21.30	21.44	21.34	23.00
5		25	0	21.30	21.40	21.24	23.00
5	16QAM	1	0	21.73	21.83	21.65	23.00
5		1	12	21.71	21.74	21.70	23.00
5		1	24	21.70	21.74	21.60	23.00
5		12	0	20.51	20.55	20.36	22.00
5		12	7	20.21	20.53	20.30	22.00
5		12	13	20.39	20.50	20.36	22.00
5		25	0	20.30	20.42	20.31	22.00
5	64QAM	1	0	20.73	20.76	20.68	22.00
5		1	12	20.68	20.61	20.58	22.00
5		1	24	20.37	20.64	20.53	22.00
5		12	0	19.57	19.53	19.38	21.00
5		12	7	19.36	19.52	19.37	21.00
5		12	13	19.41	19.48	19.31	21.00
5		25	0	19.45	19.58	19.36	21.00
5	256QAM	1	0	17.58	17.76	17.53	19.00
5		1	12	17.50	17.61	17.47	19.00
5		1	24	17.34	17.48	17.30	19.00
5		12	0	17.44	17.62	17.39	19.00
5		12	7	17.35	17.56	17.34	19.00
5		12	13	17.33	17.44	17.27	19.00
5		25	0	17.39	17.45	17.28	19.00

<LTE Band 48_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.65	22.82	22.80	22.68	24.00
20		1	49	22.39	22.59	22.50	22.33	24.00
20		1	99	22.37	22.69	22.64	22.51	24.00
20		50	0	21.33	21.56	21.42	21.41	23.00
20		50	24	21.24	21.51	21.45	21.23	23.00
20		50	50	21.32	21.55	21.40	21.29	23.00
20		100	0	21.28	21.53	21.42	21.34	23.00
20	16QAM	1	0	21.29	21.53	21.40	21.31	23.00
20		1	49	21.24	21.54	21.50	21.38	23.00
20		1	99	21.45	21.64	21.58	21.46	23.00
20		50	0	20.22	20.51	20.41	20.29	22.00
20		50	24	20.36	20.55	20.43	20.40	22.00
20		50	50	20.34	20.58	20.49	20.37	22.00
20		100	0	20.27	20.57	20.45	20.32	22.00
20	64QAM	1	0	20.01	20.20	20.08	20.00	22.00
20		1	49	20.01	20.18	20.04	20.01	22.00
20		1	99	20.09	20.31	20.17	20.11	22.00
20		50	0	19.31	19.57	19.51	19.41	21.00
20		50	24	19.34	19.59	19.51	19.34	21.00
20		50	50	19.39	19.62	19.55	19.44	21.00
20		100	0	19.34	19.58	19.42	19.34	21.00
20	256QAM	1	0	17.17	17.43	17.38	17.23	19.00
20		1	49	17.27	17.51	17.48	17.28	19.00
20		1	99	17.34	17.56	17.40	17.32	19.00
20		50	0	17.53	17.69	17.62	17.48	19.00
20		50	24	17.51	17.73	17.67	17.48	19.00
20		50	50	17.61	17.76	17.65	17.61	19.00
20		100	0	17.46	17.69	17.60	17.50	19.00
Channel				55315	55820	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.50	22.78	22.78	22.62	24.00
15		1	37	22.27	22.49	22.49	22.20	24.00
15		1	74	22.34	22.65	22.50	22.41	24.00
15		36	0	21.30	21.55	21.27	21.27	23.00
15		36	20	21.19	21.44	21.37	21.13	23.00
15		36	39	21.19	21.54	21.35	21.22	23.00
15		75	0	21.27	21.40	21.33	21.27	23.00
15	16QAM	1	0	21.18	21.48	21.37	21.27	23.00
15		1	37	21.14	21.40	21.37	21.33	23.00
15		1	74	21.32	21.50	21.55	21.32	23.00
15		36	0	20.10	20.47	20.30	20.23	22.00
15		36	20	20.24	20.45	20.30	20.28	22.00
15		36	39	20.26	20.47	20.48	20.26	22.00
15		75	0	20.20	20.46	20.39	20.23	22.00
15	64QAM	1	0	20.00	20.17	20.04	20.00	22.00
15		1	37	20.00	20.07	20.02	20.00	22.00
15		1	74	20.00	20.26	20.03	20.00	22.00
15		36	0	19.29	19.49	19.46	19.27	21.00
15		36	20	19.22	19.49	19.47	19.33	21.00
15		36	39	19.25	19.48	19.54	19.33	21.00
15		75	0	19.24	19.54	19.31	19.21	21.00
15	256QAM	1	0	17.09	17.29	17.34	17.14	19.00
15		1	37	17.20	17.43	17.46	17.17	19.00
15		1	74	17.29	17.51	17.37	17.22	19.00
15		36	0	17.43	17.66	17.48	17.42	19.00
15		36	20	17.39	17.62	17.61	17.43	19.00
15		36	39	17.48	17.67	17.64	17.51	19.00
15		75	0	17.43	17.55	17.48	17.35	19.00
Channel				55290	55815	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.56	22.72	22.79	22.62	24.00
10		1	25	22.34	22.51	22.45	22.20	24.00
10		1	49	22.33	22.55	22.51	22.42	24.00
10		25	0	21.29	21.52	21.37	21.37	23.00
10		25	12	21.20	21.39	21.34	21.09	23.00
10		25	25	21.30	21.50	21.25	21.15	23.00
10		50	0	21.20	21.40	21.37	21.32	23.00
10	16QAM	1	0	21.28	21.43	21.27	21.28	23.00
10		1	25	21.10	21.46	21.44	21.35	23.00
10		1	49	21.38	21.50	21.52	21.32	23.00
10		25	0	20.08	20.45	20.27	20.21	22.00
10		25	12	20.33	20.47	20.28	20.36	22.00
10		25	25	20.22	20.47	20.36	20.25	22.00
10		50	0	20.21	20.43	20.41	20.27	22.00
10	64QAM	1	0	20.00	20.15	20.04	20.00	22.00
10		1	25	20.00	20.07	20.02	20.01	22.00
10		1	49	20.03	20.23	20.02	20.00	22.00
10		25	0	19.17	19.55	19.47	19.36	21.00
10		25	12	19.27	19.48	19.48	19.20	21.00
10		25	25	19.30	19.57	19.45	19.32	21.00
10		50	0	19.29	19.55	19.32	19.21	21.00
10	256QAM	1	0	17.14	17.32	17.33	17.18	19.00
10		1	25	17.13	17.50	17.42	17.20	19.00
10		1	49	17.25	17.46	17.34	17.25	19.00
10		25	0	17.50	17.63	17.47	17.37	19.00
10		25	12	17.42	17.68	17.53	17.33	19.00
10		25	25	17.49	17.69	17.60	17.60	19.00
10		50	0	17.35	17.62	17.48	17.37	19.00
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.60	22.70	22.72	22.55	24.00
5		1	12	22.37	22.54	22.38	22.19	24.00
5		1	24	22.25	22.58	22.63	22.50	24.00
5		12	0	21.23	21.43	21.40	21.39	23.00
5		12	7	21.21	21.45	21.30	21.21	23.00
5		12	13	21.28	21.53	21.33	21.17	23.00
5		25	0	21.20	21.50	21.37	21.27	23.00
5	16QAM	1	0	21.25	21.51	21.30	21.22	23.00
5		1	12	21.13	21.42	21.39	21.31	23.00
5		1	24	21.40	21.58	21.50	21.33	23.00
5		12	0	20.13	20.44	20.37	20.24	22.00
5		12	7	20.31	20.45	20.38	20.30	22.00
5		12	13	20.19	20.50	20.47	20.26	22.00
5		25	0	20.20	20.53	20.40	20.18	22.00
5	64QAM	1	0	20.01	20.19	20.01	20.01	22.00
5		1	12	20.00	20.05	20.03	20.00	22.00
5		1	24	20.01	20.20	20.13	20.00	22.00
5		12	0	19.27	19.54	19.40	19.33	21.00
5		12	7	19.21	19.53	19.39	19.26	21.00
5		12	13	19.29	19.58	19.46	19.35	21.00
5		25	0	19.26	19.55	19.35	19.32	21.00
5	256QAM	1	0	17.06	17.32	17.24	17.10	19.00
5		1	12	17.21	17.45	17.44	17.15	19.00
5		1	24	17.32	17.46	17.32	17.24	19.00
5		12	0	17.45	17.59	17.53	17.41	19.00
5		12	7	17.44	17.67	17.62	17.46	19.00
5		12	13	17.51	17.73	17.56	17.49	19.00
5		25	0	17.36	17.65	17.47	17.47	19.00

<LTE Band 2_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.63	22.80	22.68	24.00
20		1	49	22.59	22.78	22.51	24.00
20		1	99	22.48	22.78	22.55	24.00
20		50	0	21.50	21.79	21.59	23.00
20		50	24	21.51	21.75	21.56	23.00
20		50	50	21.53	21.78	21.58	23.00
20		100	0	21.53	21.77	21.61	23.00
20	16QAM	1	0	21.66	21.97	21.74	23.00
20		1	49	21.69	21.97	21.81	23.00
20		1	99	21.88	22.16	22.01	23.00
20		50	0	20.49	20.77	20.56	22.00
20		50	24	20.52	20.78	20.62	22.00
20		50	50	20.57	20.78	20.60	22.00
20		100	0	20.47	20.77	20.56	22.00
20	64QAM	1	0	20.61	20.90	20.64	22.00
20		1	49	20.67	20.97	20.75	22.00
20		1	99	20.80	21.06	20.92	22.00
20		50	0	19.55	19.78	19.62	21.00
20		50	24	19.53	19.79	19.64	21.00
20		50	50	19.57	19.82	19.62	21.00
20		100	0	19.57	19.79	19.67	21.00
20	256QAM	1	0	17.61	17.85	17.65	19.00
20		1	49	17.66	17.92	17.70	19.00
20		1	99	17.70	17.93	17.80	19.00
20		50	0	17.54	17.82	17.67	19.00
20		50	24	17.63	17.81	17.69	19.00
20		50	50	17.64	17.81	17.64	19.00
20		100	0	17.56	17.82	17.65	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.55	22.70	22.63	24.00
15		1	37	22.45	22.67	22.39	24.00
15		1	74	22.45	22.67	22.41	24.00
15		36	0	21.46	21.72	21.52	23.00
15		36	20	21.49	21.65	21.42	23.00
15		36	39	21.42	21.64	21.44	23.00
15		75	0	21.48	21.64	21.49	23.00
15	16QAM	1	0	21.63	21.83	21.65	23.00
15		1	37	21.64	21.84	21.70	23.00
15		1	74	21.85	22.01	21.92	23.00
15		36	0	20.44	20.66	20.52	22.00
15		36	20	20.50	20.65	20.48	22.00
15		36	39	20.49	20.68	20.55	22.00
15		75	0	20.35	20.71	20.43	22.00
15	64QAM	1	0	20.52	20.81	20.60	22.00
15		1	37	20.55	20.92	20.64	22.00
15		1	74	20.65	20.99	20.86	22.00
15		36	0	19.46	19.69	19.50	21.00
15		36	20	19.41	19.66	19.51	21.00
15		36	39	19.52	19.75	19.48	21.00
15		75	0	19.52	19.68	19.62	21.00
15	256QAM	1	0	17.59	17.79	17.55	19.00
15		1	37	17.57	17.83	17.64	19.00
15		1	74	17.61	17.86	17.67	19.00
15		36	0	17.51	17.78	17.53	19.00
15		36	20	17.57	17.77	17.63	19.00
15		36	39	17.51	17.77	17.52	19.00
15		75	0	17.41	17.68	17.63	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.53	22.73	22.56	24.00
10		1	25	22.48	22.70	22.37	24.00
10		1	49	22.46	22.71	22.46	24.00
10		25	0	21.45	21.77	21.49	23.00
10		25	12	21.41	21.63	21.49	23.00
10		25	25	21.47	21.75	21.45	23.00
10		50	0	21.52	21.63	21.54	23.00
10	16QAM	1	0	21.54	21.90	21.73	23.00
10		1	25	21.58	21.88	21.72	23.00
10		1	49	21.85	22.15	21.96	23.00
10		25	0	20.36	20.67	20.53	22.00
10		25	12	20.44	20.75	20.51	22.00
10		25	25	20.55	20.68	20.54	22.00
10		50	0	20.39	20.62	20.53	22.00
10	64QAM	1	0	20.58	20.82	20.50	22.00
10		1	25	20.57	20.89	20.68	22.00
10		1	49	20.73	21.01	20.86	22.00
10		25	0	19.44	19.75	19.59	21.00
10		25	12	19.48	19.73	19.53	21.00
10		25	25	19.49	19.69	19.50	21.00
10		50	0	19.52	19.65	19.58	21.00
10	256QAM	1	0	17.56	17.74	17.60	19.00
10		1	25	17.54	17.84	17.60	19.00
10		1	49	17.59	17.88	17.77	19.00
10		25	0	17.40	17.75	17.57	19.00
10		25	12	17.60	17.67	17.59	19.00
10		25	25	17.59	17.74	17.54	19.00
10		50	0	17.50	17.77	17.60	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.56	22.70	22.63	24.00
5		1	12	22.53	22.68	22.47	24.00
5		1	24	22.42	22.75	22.48	24.00
5		12	0	21.38	21.77	21.46	23.00
5		12	7	21.37	21.69	21.51	23.00
5		12	13	21.45	21.65	21.56	23.00
5		25	0	21.51	21.72	21.57	23.00
5	16QAM	1	0	21.64	21.95	21.64	23.00
5		1	12	21.67	21.82	21.66	23.00
5		1	24	21.77	22.07	21.86	23.00
5		12	0	20.47	20.66	20.42	22.00
5		12	7	20.43	20.65	20.58	22.00
5		12	13	20.52	20.67	20.47	22.00
5		25	0	20.43	20.66	20.46	22.00
5	64QAM	1	0	20.58	20.76	20.54	22.00
5		1	12	20.59	20.86	20.71	22.00
5		1	24	20.66	21.04	20.84	22.00
5		12	0	19.48	19.69	19.57	21.00
5		12	7	19.48	19.74	19.58	21.00
5		12	13	19.44	19.79	19.52	21.00
5		25	0	19.53	19.71	19.64	21.00
5	256QAM	1	0	17.53	17.72	17.63	19.00
5		1	12	17.62	17.82	17.57	19.00
5		1	24	17.57	17.91	17.67	19.00
5		12	0	17.46	17.70	17.53	19.00
5		12	7	17.57	17.79	17.55	19.00
5		12	13	17.62	17.66	17.57	19.00
5		25	0	17.51	17.75	17.59	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.54	22.71	22.59	24.00
3		1	8	22.56	22.73	22.38	24.00
3		1	14	22.41	22.66	22.51	24.00
3		8	0	21.39	21.75	21.52	23.00
3		8	4	21.41	21.61	21.50	23.00
3		8	7	21.39	21.70	21.56	23.00
3		15	0	21.44	21.67	21.59	23.00
3	16QAM	1	0	21.53	21.94	21.69	23.00
3		1	8	21.68	21.90	21.69	23.00
3		1	14	21.83	22.13	21.98	23.00
3		8	0	20.48	20.72	20.51	22.00
3		8	4	20.49	20.65	20.53	22.00
3		8	7	20.49	20.70	20.53	22.00
3		15	0	20.39	20.65	20.43	22.00
3	64QAM	1	0	20.59	20.89	20.53	22.00
3		1	8	20.62	20.91	20.70	22.00
3		1	14	20.75	20.91	20.81	22.00
3		8	0	19.51	19.72	19.49	21.00
3		8	4	19.52	19.77	19.60	21.00
3		8	7	19.43	19.75	19.57	21.00
3		15	0	19.46	19.76	19.58	21.00
3	256QAM	1	0	17.56	17.70	17.54	19.00
3		1	8	17.52	17.87	17.68	19.00
3		1	14	17.62	17.91	17.75	19.00
3		8	0	17.46	17.75	17.65	19.00
3		8	4	17.52	17.69	17.67	19.00
3		8	7	17.59	17.80	17.61	19.00
3		15	0	17.45	17.77	17.51	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1852.7	1880	1909.3	
1.4	QPSK	1	0	22.50	22.76	22.58	24.00
1.4		1	3	22.50	22.68	22.45	24.00
1.4		1	5	22.35	22.74	22.42	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.40	21.65	21.59	23.00
1.4	16QAM	1	0	21.59	21.88	21.59	23.00
1.4		1	3	21.67	21.88	21.79	23.00
1.4		1	5	21.79	22.11	21.88	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.00	21.02	21.01	23.00
1.4		3	3	21.02	21.01	21.01	23.00
1.4		6	0	20.39	20.68	20.52	22.00
1.4	64QAM	1	0	20.50	20.79	20.53	22.00
1.4		1	3	20.61	20.86	20.60	22.00
1.4		1	5	20.71	20.91	20.91	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.55	19.68	19.55	21.00
1.4	256QAM	1	0	17.54	17.82	17.61	19.00
1.4		1	3	17.56	17.80	17.56	19.00
1.4		1	5	17.67	17.87	17.72	19.00
1.4		3	0	17.39	17.78	17.53	19.00
1.4		3	1	17.52	17.76	17.67	19.00
1.4		3	3	17.57	17.70	17.50	19.00
1.4		6	0	17.50	17.78	17.63	19.00

<LTE Band 4_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.75	22.90	22.75	24.00
20		1	49	22.61	22.84	22.62	24.00
20		1	99	22.67	22.89	22.65	24.00
20		50	0	21.73	21.93	21.66	23.00
20		50	24	21.57	21.81	21.60	23.00
20		50	50	21.65	21.91	21.74	23.00
20		100	0	21.63	21.89	21.67	23.00
20	16QAM	1	0	21.79	22.07	21.88	23.00
20		1	49	21.95	22.14	21.96	23.00
20		1	99	22.01	22.17	21.93	23.00
20		50	0	20.61	20.83	20.61	22.00
20		50	24	20.65	20.85	20.64	22.00
20		50	50	20.67	20.92	20.71	22.00
20		100	0	20.61	20.86	20.63	22.00
20	64QAM	1	0	20.74	20.92	20.65	22.00
20		1	49	20.87	21.09	20.85	22.00
20		1	99	20.87	21.13	20.88	22.00
20		50	0	19.56	19.82	19.66	21.00
20		50	24	19.67	19.89	19.71	21.00
20		50	50	19.73	19.96	19.80	21.00
20		100	0	19.66	19.90	19.65	21.00
20	256QAM	1	0	17.62	17.87	17.72	19.00
20		1	49	17.76	17.99	17.75	19.00
20		1	99	17.70	17.97	17.75	19.00
20		50	0	17.67	17.80	17.56	19.00
20		50	24	17.71	17.86	17.67	19.00
20		50	50	17.65	17.90	17.67	19.00
20		100	0	17.67	17.87	17.62	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.68	22.85	22.67	24.00
15		1	37	22.47	22.72	22.57	24.00
15		1	74	22.63	22.77	22.56	24.00
15		36	0	21.72	21.90	21.54	23.00
15		36	20	21.47	21.76	21.52	23.00
15		36	39	21.61	21.88	21.68	23.00
15		75	0	21.57	21.81	21.54	23.00
15	16QAM	1	0	21.72	21.99	21.79	23.00
15		1	37	21.83	22.07	21.94	23.00
15		1	74	21.89	22.13	21.81	23.00
15		36	0	20.49	20.73	20.50	22.00
15		36	20	20.61	20.78	20.51	22.00
15		36	39	20.56	20.80	20.67	22.00
15		75	0	20.51	20.74	20.57	22.00
15	64QAM	1	0	20.64	20.79	20.61	22.00
15		1	37	20.81	20.95	20.80	22.00
15		1	74	20.74	21.07	20.81	22.00
15		36	0	19.45	19.77	19.59	21.00
15		36	20	19.53	19.76	19.66	21.00
15		36	39	19.61	19.86	19.77	21.00
15		75	0	19.60	19.88	19.62	21.00
15	256QAM	1	0	17.49	17.84	17.68	19.00
15		1	37	17.71	17.91	17.65	19.00
15		1	74	17.60	17.84	17.73	19.00
15		36	0	17.56	17.73	17.53	19.00
15		36	20	17.67	17.84	17.56	19.00
15		36	39	17.63	17.79	17.60	19.00
15		75	0	17.54	17.72	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.71	22.86	22.62	24.00
10		1	25	22.57	22.69	22.61	24.00
10		1	49	22.59	22.77	22.49	24.00
10		25	0	21.64	21.84	21.54	23.00
10		25	12	21.47	21.68	21.58	23.00
10		25	25	21.55	21.81	21.71	23.00
10		50	0	21.56	21.83	21.59	23.00
10	16QAM	1	0	21.70	21.97	21.74	23.00
10		1	25	21.87	22.10	21.94	23.00
10		1	49	21.93	22.05	21.78	23.00
10		25	0	20.56	20.76	20.50	22.00
10		25	12	20.51	20.84	20.63	22.00
10		25	25	20.62	20.84	20.64	22.00
10		50	0	20.51	20.83	20.52	22.00
10	64QAM	1	0	20.62	20.86	20.53	22.00
10		1	25	20.73	20.99	20.81	22.00
10		1	49	20.85	21.04	20.76	22.00
10		25	0	19.42	19.78	19.57	21.00
10		25	12	19.58	19.77	19.67	21.00
10		25	25	19.61	19.89	19.69	21.00
10		50	0	19.61	19.89	19.56	21.00
10	256QAM	1	0	17.49	17.76	17.60	19.00
10		1	25	17.66	17.94	17.62	19.00
10		1	49	17.68	17.88	17.73	19.00
10		25	0	17.65	17.72	17.43	19.00
10		25	12	17.69	17.81	17.64	19.00
10		25	25	17.57	17.79	17.52	19.00
10		50	0	17.58	17.75	17.56	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.65	22.81	22.71	24.00
5		1	12	22.54	22.80	22.56	24.00
5		1	24	22.65	22.77	22.54	24.00
5		12	0	21.70	21.79	21.58	23.00
5		12	7	21.49	21.80	21.48	23.00
5		12	13	21.54	21.76	21.62	23.00
5		25	0	21.61	21.80	21.55	23.00
5	16QAM	1	0	21.77	22.05	21.84	23.00
5		1	12	21.85	22.05	21.88	23.00
5		1	24	21.87	22.09	21.81	23.00
5		12	0	20.50	20.78	20.44	22.00
5		12	7	20.62	20.81	20.57	22.00
5		12	13	20.53	20.82	20.62	22.00
5		25	0	20.46	20.72	20.53	22.00
5	64QAM	1	0	20.73	20.85	20.63	22.00
5		1	12	20.84	20.98	20.74	22.00
5		1	24	20.84	21.00	20.87	22.00
5		12	0	19.52	19.67	19.60	21.00
5		12	7	19.64	19.77	19.64	21.00
5		12	13	19.70	19.89	19.78	21.00
5		25	0	19.51	19.79	19.56	21.00
5	256QAM	1	0	17.57	17.79	17.57	19.00
5		1	12	17.63	17.86	17.63	19.00
5		1	24	17.65	17.93	17.62	19.00
5		12	0	17.66	17.69	17.54	19.00
5		12	7	17.59	17.84	17.56	19.00
5		12	13	17.55	17.82	17.56	19.00
5		25	0	17.61	17.78	17.48	19.00
Channel				19925	20175	20425	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.67	22.85	22.69	24.00
3		1	8	22.56	22.74	22.54	24.00
3		1	14	22.65	22.86	22.55	24.00
3		8	0	21.70	21.90	21.62	23.00
3		8	4	21.55	21.78	21.53	23.00
3		8	7	21.64	21.77	21.72	23.00
3		15	0	21.60	21.85	21.61	23.00
3	16QAM	1	0	21.75	22.04	21.77	23.00
3		1	8	21.88	22.08	21.89	23.00
3		1	14	21.89	22.05	21.90	23.00
3		8	0	20.52	20.81	20.56	22.00
3		8	4	20.54	20.70	20.50	22.00
3		8	7	20.60	20.86	20.62	22.00
3		15	0	20.54	20.82	20.57	22.00
3	64QAM	1	0	20.71	20.86	20.56	22.00
3		1	8	20.81	21.02	20.71	22.00
3		1	14	20.73	21.03	20.82	22.00
3		8	0	19.41	19.69	19.57	21.00
3		8	4	19.52	19.81	19.60	21.00
3		8	7	19.66	19.84	19.71	21.00
3		15	0	19.55	19.88	19.56	21.00
3	256QAM	1	0	17.60	17.83	17.58	19.00
3		1	8	17.67	17.95	17.61	19.00
3		1	14	17.55	17.89	17.72	19.00
3		8	0	17.63	17.69	17.51	19.00
3		8	4	17.62	17.74	17.65	19.00
3		8	7	17.61	17.88	17.57	19.00
3		15	0	17.56	17.78	17.60	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.60	22.82	22.67	24.00
1.4		1	3	22.56	22.70	22.48	24.00
1.4		1	5	22.60	22.85	22.49	24.00
1.4		3	0	22.01	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.01	22.00	24.00
1.4		6	0	21.52	21.80	21.56	23.00
1.4	16QAM	1	0	21.77	21.93	21.73	23.00
1.4		1	3	21.92	22.05	21.88	23.00
1.4		1	5	21.97	22.14	21.83	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.00	21.00	23.00
1.4		3	3	21.00	21.00	21.02	23.00
1.4		6	0	20.60	20.71	20.54	22.00
1.4	64QAM	1	0	20.72	20.90	20.53	22.00
1.4		1	3	20.74	20.97	20.79	22.00
1.4		1	5	20.78	21.07	20.78	22.00
1.4		3	0	20.00	20.01	20.00	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.02	20.02	22.00
1.4		6	0	19.63	19.86	19.53	21.00
1.4	256QAM	1	0	17.55	17.85	17.65	19.00
1.4		1	3	17.67	17.97	17.66	19.00
1.4		1	5	17.67	17.94	17.67	19.00
1.4		3	0	17.65	17.67	17.44	19.00
1.4		3	1	17.65	17.75	17.58	19.00
1.4		3	3	17.62	17.80	17.55	19.00
1.4		6	0	17.59	17.85	17.49	19.00

<LTE Band 5_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.97	22.98	22.95	24.00
10		1	25	22.80	22.89	22.82	24.00
10		1	49	22.01	22.00	22.00	24.00
10		25	0	21.80	21.93	21.84	23.00
10		25	12	21.82	21.91	21.78	23.00
10		25	25	21.77	21.91	21.75	23.00
10		50	0	21.86	21.92	21.82	23.00
10	16QAM	1	0	22.18	22.29	22.23	23.00
10		1	25	22.06	22.15	21.99	23.00
10		1	49	22.01	22.14	22.06	23.00
10		25	0	20.81	20.90	20.78	22.00
10		25	12	20.74	20.89	20.83	22.00
10		25	25	20.75	20.88	20.82	22.00
10		50	0	20.76	20.91	20.84	22.00
10	64QAM	1	0	21.00	21.07	20.96	22.00
10		1	25	21.00	21.09	20.98	22.00
10		1	49	21.05	21.09	21.00	22.00
10		25	0	19.86	19.89	19.84	21.00
10		25	12	19.74	19.87	19.78	21.00
10		25	25	19.73	19.88	19.83	21.00
10		50	0	19.80	19.90	19.76	21.00
10	256QAM	1	0	17.99	18.03	17.97	19.00
10		1	25	17.85	17.98	17.94	19.00
10		1	49	17.88	17.91	17.79	19.00
10		25	0	17.91	17.93	17.84	19.00
10		25	12	17.87	17.95	17.87	19.00
10		25	25	17.83	17.91	17.82	19.00
10		50	0	17.86	17.93	17.85	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.85	22.90	22.87	24.00
5		1	12	22.74	22.80	22.71	24.00
5		1	24	22.02	22.02	22.00	24.00
5		12	0	21.71	21.79	21.75	23.00
5		12	7	21.71	21.88	21.67	23.00
5		12	13	21.68	21.88	21.65	23.00
5		25	0	21.73	21.88	21.68	23.00
5	16QAM	1	0	22.17	22.19	22.14	23.00
5		1	12	21.99	22.01	21.88	23.00
5		1	24	21.87	22.02	22.02	23.00
5		12	0	20.71	20.83	20.70	22.00
5		12	7	20.71	20.85	20.70	22.00
5		12	13	20.62	20.82	20.75	22.00
5		25	0	20.62	20.79	20.74	22.00
5	64QAM	1	0	20.89	21.05	20.91	22.00
5		1	12	20.96	21.04	20.89	22.00
5		1	24	20.92	21.06	20.97	22.00
5		12	0	19.78	19.78	19.81	21.00
5		12	7	19.62	19.81	19.76	21.00
5		12	13	19.62	19.73	19.72	21.00
5		25	0	19.76	19.85	19.75	21.00
5	256QAM	1	0	17.87	17.98	17.82	19.00
5		1	12	17.74	17.87	17.87	19.00
5		1	24	17.85	17.80	17.66	19.00
5		12	0	17.86	17.89	17.80	19.00
5		12	7	17.74	17.86	17.72	19.00
5		12	13	17.75	17.83	17.78	19.00
5		25	0	17.80	17.87	17.83	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.89	22.80	24.00
3		1	8	22.77	22.87	22.71	24.00
3		1	14	22.00	22.00	22.00	24.00
3		8	0	21.72	21.78	21.79	23.00
3		8	4	21.80	21.89	21.65	23.00
3		8	7	21.71	21.88	21.72	23.00
3		15	0	21.81	21.81	21.80	23.00
3	16QAM	1	0	22.15	22.18	22.21	23.00
3		1	8	21.93	22.05	21.89	23.00
3		1	14	21.98	22.04	22.00	23.00
3		8	0	20.72	20.85	20.63	22.00
3		8	4	20.68	20.75	20.73	22.00
3		8	7	20.65	20.82	20.77	22.00
3		15	0	20.63	20.78	20.77	22.00
3	64QAM	1	0	20.89	21.03	20.89	22.00
3		1	8	20.90	21.05	20.97	22.00
3		1	14	21.02	20.96	20.91	22.00
3		8	0	19.77	19.86	19.80	21.00
3		8	4	19.64	19.82	19.67	21.00
3		8	7	19.63	19.78	19.79	21.00
3		15	0	19.70	19.83	19.74	21.00
3	256QAM	1	0	17.92	17.91	17.87	19.00
3		1	8	17.81	17.86	17.82	19.00
3		1	14	17.86	17.78	17.72	19.00
3		8	0	17.82	17.83	17.71	19.00
3		8	4	17.73	17.83	17.77	19.00
3		8	7	17.72	17.85	17.69	19.00
3		15	0	17.83	17.82	17.73	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.91	22.93	24.00
1.4		1	3	22.69	22.85	22.76	24.00
1.4		1	5	22.00	22.00	22.02	24.00
1.4		3	0	22.00	22.01	22.01	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.81	21.89	21.79	23.00
1.4	16QAM	1	0	22.16	22.16	22.13	23.00
1.4		1	3	21.93	22.01	21.93	23.00
1.4		1	5	21.97	22.03	21.96	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.02	21.00	23.00
1.4		3	3	21.00	21.00	21.00	23.00
1.4		6	0	20.61	20.81	20.70	22.00
1.4	64QAM	1	0	20.96	21.00	20.94	22.00
1.4		1	3	20.89	20.94	20.85	22.00
1.4		1	5	21.00	21.04	20.86	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.02	20.01	20.00	22.00
1.4		6	0	19.71	19.76	19.67	21.00
1.4	256QAM	1	0	17.96	18.02	17.83	19.00
1.4		1	3	17.73	17.86	17.89	19.00
1.4		1	5	17.73	17.88	17.71	19.00
1.4		3	0	17.76	17.79	17.74	19.00
1.4		3	1	17.85	17.93	17.82	19.00
1.4		3	3	17.82	17.89	17.73	19.00
1.4		6	0	17.76	17.86	17.84	19.00

<LTE Band 12_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.92	22.99	22.69	24.00
10		1	25	22.64	22.85	22.43	24.00
10		1	49	22.68	22.89	22.58	24.00
10		25	0	21.74	21.89	21.56	23.00
10		25	12	21.63	21.84	21.53	23.00
10		25	25	21.68	21.88	21.53	23.00
10		50	0	21.70	21.88	21.57	23.00
10	16QAM	1	0	22.26	22.36	21.94	23.00
10		1	25	22.01	22.19	21.80	23.00
10		1	49	22.18	22.28	21.87	23.00
10		25	0	20.69	20.78	20.41	22.00
10		25	12	20.73	20.81	20.42	22.00
10		25	25	20.80	20.89	20.47	22.00
10		50	0	20.66	20.83	20.54	22.00
10	64QAM	1	0	21.02	21.21	20.87	22.00
10		1	25	20.93	21.04	20.63	22.00
10		1	49	21.03	21.17	20.88	22.00
10		25	0	19.65	19.75	19.39	21.00
10		25	12	19.56	19.75	19.41	21.00
10		25	25	19.72	19.85	19.52	21.00
10		50	0	19.77	19.86	19.51	21.00
10	256QAM	1	0	17.95	18.14	17.82	19.00
10		1	25	17.89	18.03	17.73	19.00
10		1	49	17.94	18.07	17.78	19.00
10		25	0	17.76	17.86	17.54	19.00
10		25	12	17.76	17.88	17.62	19.00
10		25	25	17.86	17.94	17.58	19.00
10		50	0	17.72	17.92	17.59	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.84	22.89	22.68	24.00
5		1	12	22.62	22.72	22.30	24.00
5		1	24	22.62	22.81	22.52	24.00
5		12	0	21.60	21.82	21.44	23.00
5		12	7	21.62	21.79	21.51	23.00
5		12	13	21.58	21.77	21.42	23.00
5		25	0	21.64	21.86	21.55	23.00
5	16QAM	1	0	22.18	22.27	21.93	23.00
5		1	12	21.96	22.13	21.73	23.00
5		1	24	22.08	22.13	21.84	23.00
5		12	0	20.57	20.69	20.32	22.00
5		12	7	20.63	20.80	20.37	22.00
5		12	13	20.71	20.75	20.38	22.00
5		25	0	20.56	20.71	20.53	22.00
5	64QAM	1	0	20.95	21.13	20.83	22.00
5		1	12	20.87	21.02	20.50	22.00
5		1	24	20.95	21.03	20.87	22.00
5		12	0	19.63	19.63	19.29	21.00
5		12	7	19.45	19.72	19.32	21.00
5		12	13	19.62	19.77	19.38	21.00
5		25	0	19.75	19.84	19.39	21.00
5	256QAM	1	0	17.80	18.11	17.69	19.00
5		1	12	17.83	17.99	17.70	19.00
5		1	24	17.92	17.98	17.63	19.00
5		12	0	17.71	17.81	17.41	19.00
5		12	7	17.70	17.78	17.57	19.00
5		12	13	17.79	17.85	17.55	19.00
5		25	0	17.80	17.88	17.46	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				704.5	707.5	714.5	
3	QPSK	1	0	22.87	22.93	22.55	24.00
3		1	8	22.59	22.78	22.37	24.00
3		1	14	22.56	22.88	22.53	24.00
3		8	0	21.72	21.74	21.53	23.00
3		8	4	21.60	21.81	21.38	23.00
3		8	7	21.60	21.81	21.45	23.00
3		15	0	21.58	21.79	21.50	23.00
3	16QAM	1	0	22.19	22.32	21.90	23.00
3		1	8	21.91	22.05	21.66	23.00
3		1	14	22.11	22.21	21.82	23.00
3		8	0	20.64	20.73	20.26	22.00
3		8	4	20.59	20.74	20.35	22.00
3		8	7	20.72	20.86	20.37	22.00
3		15	0	20.55	20.81	20.52	22.00
3	64QAM	1	0	21.01	21.10	20.81	22.00
3		1	8	20.86	20.89	20.52	22.00
3		1	14	20.93	21.03	20.79	22.00
3		8	0	19.52	19.70	19.34	21.00
3		8	4	19.50	19.68	19.34	21.00
3		8	7	19.58	19.74	19.41	21.00
3		15	0	19.74	19.85	19.46	21.00
3	256QAM	1	0	17.85	18.01	17.77	19.00
3		1	8	17.82	17.90	17.66	19.00
3		1	14	17.91	18.01	17.73	19.00
3		8	0	17.68	17.75	17.48	19.00
3		8	4	17.61	17.80	17.51	19.00
3		8	7	17.84	17.86	17.51	19.00
3		15	0	17.58	17.79	17.55	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.84	22.92	22.59	24.00
1.4		1	3	22.52	22.77	22.35	24.00
1.4		1	5	22.62	22.86	22.47	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.01	24.00
1.4		3	3	22.01	22.01	22.01	24.00
1.4		6	0	21.56	21.76	21.45	23.00
1.4	16QAM	1	0	22.18	22.29	21.84	23.00
1.4		1	3	21.90	22.13	21.68	23.00
1.4		1	5	22.11	22.19	21.77	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.01	21.00	23.00
1.4		3	3	21.02	21.00	21.01	23.00
1.4		6	0	20.61	20.76	20.52	22.00
1.4	64QAM	1	0	20.88	21.14	20.81	22.00
1.4		1	3	20.90	20.96	20.62	22.00
1.4		1	5	21.01	21.05	20.79	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.71	19.82	19.49	21.00
1.4	256QAM	1	0	17.93	18.08	17.80	19.00
1.4		1	3	17.85	17.89	17.65	19.00
1.4		1	5	17.79	17.97	17.64	19.00
1.4		3	0	17.70	17.74	17.43	19.00
1.4		3	1	17.67	17.80	17.52	19.00
1.4		3	3	17.82	17.88	17.55	19.00
1.4		6	0	17.63	17.78	17.54	19.00

<LTE Band 13_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.95		24.00
10		1	25		22.87		24.00
10		1	49		22.85		24.00
10		25	0		21.90		23.00
10		25	12		21.84		23.00
10		25	25		21.88		23.00
10		50	0		21.90		23.00
10	16QAM	1	0		22.33		23.00
10		1	25		22.17		23.00
10		1	49		22.15		23.00
10		25	0		20.84		22.00
10		25	12		20.88		22.00
10		25	25		20.87		22.00
10		50	0		20.91		22.00
10	64QAM	1	0		21.12		22.00
10		1	25		20.98		22.00
10		1	49		21.04		22.00
10		25	0		19.83		21.00
10		25	12		19.87		21.00
10		25	25		19.84		21.00
10		50	0		19.86		21.00
10	256QAM	1	0		18.14		19.00
10		1	25		18.07		19.00
10		1	49		18.02		19.00
10		25	0		17.93		19.00
10		25	12		17.94		19.00
10		25	25		17.93		19.00
10		50	0		17.99		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.86	22.92	22.90	24.00
5		1	12	22.70	22.79	22.76	24.00
5		1	24	22.70	22.88	22.75	24.00
5		12	0	21.62	21.80	21.69	23.00
5		12	7	21.58	21.79	21.65	23.00
5		12	13	21.84	21.94	21.88	23.00
5		25	0	21.76	21.92	21.85	23.00
5	16QAM	1	0	22.33	22.40	22.30	23.00
5		1	12	22.01	22.19	22.14	23.00
5		1	24	22.02	22.16	22.02	23.00
5		12	0	20.70	20.89	20.78	22.00
5		12	7	20.75	20.92	20.76	22.00
5		12	13	20.77	20.85	20.79	22.00
5		25	0	20.77	20.84	20.77	22.00
5	64QAM	1	0	20.99	21.15	21.04	22.00
5		1	12	20.84	20.97	20.91	22.00
5		1	24	20.83	20.96	20.91	22.00
5		12	0	19.74	19.90	19.80	21.00
5		12	7	19.71	19.83	19.74	21.00
5		12	13	19.77	19.89	19.73	21.00
5		25	0	19.67	19.85	19.68	21.00
5	256QAM	1	0	18.06	18.15	18.03	19.00
5		1	12	17.95	18.14	18.11	19.00
5		1	24	17.80	17.95	17.91	19.00
5		12	0	17.72	17.90	17.82	19.00
5		12	7	17.76	17.87	17.84	19.00
5		12	13	17.89	17.95	17.86	19.00
5		25	0	17.92	18.07	18.01	19.00

<LTE Band 14_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.89		24.00
10		1	49		22.91		24.00
10		25	0		21.93		23.00
10		25	12		21.91		23.00
10		25	25		21.92		23.00
10		50	0		21.96		23.00
10	16QAM	1	0		22.32		23.00
10		1	25		22.12		23.00
10		1	49		22.28		23.00
10		25	0		20.93		22.00
10		25	12		20.93		22.00
10		25	25		20.88		22.00
10		50	0		20.94		22.00
10	64QAM	1	0		21.28		22.00
10		1	25		21.10		22.00
10		1	49		21.14		22.00
10		25	0		19.92		21.00
10		25	12		19.92		21.00
10		25	25		19.87		21.00
10		50	0		19.93		21.00
10	256QAM	1	0		18.21		19.00
10		1	25		18.12		19.00
10		1	49		18.00		19.00
10		25	0		17.91		19.00
10		25	12		17.94		19.00
10		25	25		17.89		19.00
10		50	0		17.96		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.98	22.86	24.00
5		1	12	22.83	22.89	22.66	24.00
5		1	24	22.84	22.89	22.77	24.00
5		12	0	21.80	21.97	21.77	23.00
5		12	7	21.80	21.97	21.75	23.00
5		12	13	21.65	21.81	21.63	23.00
5		25	0	21.81	21.91	21.73	23.00
5	16QAM	1	0	22.19	22.37	22.16	23.00
5		1	12	22.05	22.10	21.96	23.00
5		1	24	22.17	22.28	22.04	23.00
5		12	0	20.81	20.97	20.78	22.00
5		12	7	20.86	21.00	20.79	22.00
5		12	13	20.71	20.85	20.70	22.00
5		25	0	20.79	20.88	20.66	22.00
5	64QAM	1	0	21.18	21.31	21.12	22.00
5		1	12	20.98	21.05	20.93	22.00
5		1	24	21.07	21.13	20.91	22.00
5		12	0	19.77	19.90	19.69	21.00
5		12	7	19.85	19.96	19.76	21.00
5		12	13	19.77	19.84	19.73	21.00
5		25	0	19.85	19.99	19.86	21.00
5	256QAM	1	0	18.07	18.14	17.96	19.00
5		1	12	17.90	18.01	17.81	19.00
5		1	24	17.75	17.91	17.70	19.00
5		12	0	17.77	17.93	17.80	19.00
5		12	7	17.94	17.98	17.78	19.00
5		12	13	17.83	17.94	17.85	19.00
5		25	0	17.92	17.97	17.77	19.00

<LTE Band 17_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.91	22.98	22.83	24.00
10		1	25	22.80	22.96	22.80	24.00
10		1	49	22.77	22.95	22.47	24.00
10		25	0	21.75	21.93	21.49	23.00
10		25	12	21.76	21.87	21.48	23.00
10		25	25	21.76	21.92	21.54	23.00
10		50	0	21.77	21.86	21.46	23.00
10	16QAM	1	0	21.94	22.06	21.68	23.00
10		1	25	22.11	22.30	21.82	23.00
10		1	49	22.03	22.21	21.77	23.00
10		25	0	20.76	20.83	20.47	22.00
10		25	12	20.75	20.96	20.57	22.00
10		25	25	20.71	20.92	20.50	22.00
10		50	0	20.66	20.84	20.40	22.00
10	64QAM	1	0	20.75	20.91	20.54	22.00
10		1	25	21.07	21.16	20.80	22.00
10		1	49	21.09	21.19	20.86	22.00
10		25	0	19.58	19.78	19.45	21.00
10		25	12	19.72	19.93	19.50	21.00
10		25	25	19.74	19.89	19.44	21.00
10		50	0	19.67	19.85	19.43	21.00
10	256QAM	1	0	17.68	17.81	17.43	19.00
10		1	25	17.91	18.10	17.68	19.00
10		1	49	17.77	17.97	17.56	19.00
10		25	0	17.62	17.80	17.43	19.00
10		25	12	17.78	17.96	17.59	19.00
10		25	25	17.69	17.88	17.46	19.00
10		50	0	17.72	17.85	17.43	19.00
Channel				23715	23790	23865	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.79	22.94	22.61	24.00
5		1	12	22.69	22.82	22.47	24.00
5		1	24	22.72	22.80	22.39	24.00
5		12	0	21.65	21.88	21.44	23.00
5		12	7	21.65	21.77	21.40	23.00
5		12	13	21.63	21.84	21.49	23.00
5		25	0	21.72	21.76	21.39	23.00
5	16QAM	1	0	21.87	21.92	21.59	23.00
5		1	12	22.03	22.23	21.80	23.00
5		1	24	21.92	22.15	21.63	23.00
5		12	0	20.69	20.77	20.34	22.00
5		12	7	20.72	20.87	20.48	22.00
5		12	13	20.64	20.87	20.38	22.00
5		25	0	20.65	20.82	20.34	22.00
5	64QAM	1	0	20.69	20.76	20.53	22.00
5		1	12	21.01	21.05	20.71	22.00
5		1	24	21.00	21.12	20.72	22.00
5		12	0	19.44	19.71	19.35	21.00
5		12	7	19.61	19.80	19.41	21.00
5		12	13	19.67	19.86	19.41	21.00
5		25	0	19.58	19.82	19.36	21.00
5	256QAM	1	0	17.54	17.68	17.32	19.00
5		1	12	17.82	18.09	17.61	19.00
5		1	24	17.67	17.88	17.52	19.00
5		12	0	17.50	17.75	17.37	19.00
5		12	7	17.66	17.91	17.51	19.00
5		12	13	17.65	17.80	17.38	19.00
5		25	0	17.65	17.80	17.42	19.00

<LTE Band 25_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.84	22.95	22.84	24.00
20		1	49	22.73	22.87	22.67	24.00
20		1	99	22.79	22.92	22.73	24.00
20		50	0	21.77	21.98	21.86	23.00
20		50	24	21.81	21.96	21.74	23.00
20		50	50	21.77	21.95	21.73	23.00
20		100	0	21.78	21.92	21.78	23.00
20	16QAM	1	0	22.06	22.18	21.97	23.00
20		1	49	22.16	22.35	22.21	23.00
20		1	99	22.12	22.28	22.13	23.00
20		50	0	20.78	20.95	20.80	22.00
20		50	24	20.75	20.96	20.72	22.00
20		50	50	20.82	20.96	20.71	22.00
20		100	0	20.75	20.95	20.82	22.00
20	64QAM	1	0	20.88	21.09	20.93	22.00
20		1	49	20.90	21.14	20.89	22.00
20		1	99	20.98	21.16	21.03	22.00
20		50	0	19.90	20.11	19.94	21.00
20		50	24	19.82	19.99	19.81	21.00
20		50	50	19.76	19.97	19.84	21.00
20		100	0	19.74	19.97	19.73	21.00
20	256QAM	1	0	17.87	17.98	17.79	19.00
20		1	49	18.01	18.19	18.03	19.00
20		1	99	17.98	18.08	17.92	19.00
20		50	0	17.81	18.00	17.82	19.00
20		50	24	17.76	17.99	17.87	19.00
20		50	50	17.85	18.01	17.82	19.00
20		100	0	17.87	17.98	17.84	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.81	22.90	22.77	24.00
15		1	37	22.63	22.84	22.66	24.00
15		1	74	22.75	22.85	22.71	24.00
15		36	0	21.63	21.93	21.84	23.00
15		36	20	21.76	21.93	21.72	23.00
15		36	39	21.68	21.81	21.67	23.00
15		75	0	21.72	21.87	21.75	23.00
15	16QAM	1	0	21.93	22.03	21.87	23.00
15		1	37	22.02	22.30	22.06	23.00
15		1	74	22.02	22.22	22.03	23.00
15		36	0	20.76	20.84	20.71	22.00
15		36	20	20.70	20.93	20.70	22.00
15		36	39	20.80	20.94	20.67	22.00
15		75	0	20.73	20.93	20.74	22.00
15	64QAM	1	0	20.76	20.98	20.80	22.00
15		1	37	20.84	21.08	20.82	22.00
15		1	74	20.87	21.03	20.94	22.00
15		36	0	19.80	20.07	19.90	21.00
15		36	20	19.72	19.91	19.71	21.00
15		36	39	19.66	19.86	19.75	21.00
15		75	0	19.70	19.95	19.61	21.00
15	256QAM	1	0	17.78	17.84	17.72	19.00
15		1	37	17.90	18.06	17.92	19.00
15		1	74	17.93	18.03	17.83	19.00
15		36	0	17.74	17.91	17.79	19.00
15		36	20	17.72	17.96	17.79	19.00
15		36	39	17.77	17.96	17.80	19.00
15		75	0	17.72	17.92	17.76	19.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.71	22.81	22.77	24.00
10		1	25	22.67	22.79	22.52	24.00
10		1	49	22.67	22.77	22.61	24.00
10		25	0	21.64	21.89	21.79	23.00
10		25	12	21.73	21.89	21.69	23.00
10		25	25	21.64	21.80	21.71	23.00
10		50	0	21.73	21.84	21.66	23.00
10	16QAM	1	0	21.93	22.05	21.91	23.00
10		1	25	22.04	22.28	22.15	23.00
10		1	49	22.11	22.22	22.08	23.00
10		25	0	20.71	20.81	20.66	22.00
10		25	12	20.64	20.89	20.70	22.00
10		25	25	20.76	20.87	20.67	22.00
10		50	0	20.66	20.89	20.74	22.00
10	64QAM	1	0	20.79	21.00	20.90	22.00
10		1	25	20.86	21.01	20.84	22.00
10		1	49	20.86	21.05	20.90	22.00
10		25	0	19.88	20.03	19.84	21.00
10		25	12	19.69	19.93	19.78	21.00
10		25	25	19.71	19.93	19.73	21.00
10		50	0	19.71	19.87	19.67	21.00
10	256QAM	1	0	17.75	17.87	17.74	19.00
10		1	25	17.89	18.11	17.96	19.00
10		1	49	17.85	18.06	17.82	19.00
10		25	0	17.76	17.93	17.69	19.00
10		25	12	17.69	17.92	17.81	19.00
10		25	25	17.72	17.88	17.69	19.00
10		50	0	17.84	17.92	17.79	19.00
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.83	22.81	22.82	24.00
5		1	12	22.68	22.81	22.54	24.00
5		1	24	22.68	22.81	22.69	24.00
5		12	0	21.66	21.85	21.78	23.00
5		12	7	21.74	21.90	21.64	23.00
5		12	13	21.68	21.85	21.59	23.00
5		25	0	21.75	21.85	21.75	23.00
5	16QAM	1	0	22.04	22.15	21.91	23.00
5		1	12	22.03	22.32	22.12	23.00
5		1	24	22.07	22.13	22.00	23.00
5		12	0	20.69	20.81	20.72	22.00
5		12	7	20.66	20.92	20.70	22.00
5		12	13	20.80	20.87	20.59	22.00
5		25	0	20.63	20.91	20.78	22.00
5	64QAM	1	0	20.86	21.06	20.90	22.00
5		1	12	20.80	21.04	20.88	22.00
5		1	24	20.94	21.05	20.97	22.00
5		12	0	19.83	20.05	19.87	21.00
5		12	7	19.76	19.97	19.67	21.00
5		12	13	19.73	19.98	19.73	21.00
5		25	0	19.71	19.93	19.64	21.00
5	256QAM	1	0	17.79	17.92	17.70	19.00
5		1	12	17.98	18.09	17.90	19.00
5		1	24	17.84	17.94	17.90	19.00
5		12	0	17.69	17.94	17.71	19.00
5		12	7	17.69	17.87	17.80	19.00
5		12	13	17.76	17.94	17.72	19.00
5		25	0	17.81	17.84	17.74	19.00
Channel				26025	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.75	22.81	22.81	24.00
3		1	8	22.67	22.78	22.52	24.00
3		1	14	22.76	22.84	22.68	24.00
3		8	0	21.67	21.93	21.77	23.00
3		8	4	21.73	21.85	21.72	23.00
3		8	7	21.75	21.93	21.59	23.00
3		15	0	21.64	21.89	21.67	23.00
3	16QAM	1	0	21.98	22.09	21.96	23.00
3		1	8	22.07	22.28	22.11	23.00
3		1	14	22.00	22.15	22.07	23.00
3		8	0	20.75	20.82	20.72	22.00
3		8	4	20.69	20.89	20.63	22.00
3		8	7	20.77	20.89	20.65	22.00
3		15	0	20.68	20.89	20.71	22.00
3	64QAM	1	0	20.74	21.02	20.86	22.00
3		1	8	20.84	21.08	20.83	22.00
3		1	14	20.97	21.02	20.94	22.00
3		8	0	19.88	20.07	19.84	21.00
3		8	4	19.68	19.89	19.77	21.00
3		8	7	19.73	19.93	19.76	21.00
3		15	0	19.66	19.91	19.68	21.00
3	256QAM	1	0	17.77	17.93	17.68	19.00
3		1	8	17.97	18.15	17.91	19.00
3		1	14	17.96	17.95	17.90	19.00
3		8	0	17.66	17.98	17.70	19.00
3		8	4	17.71	17.88	17.77	19.00
3		8	7	17.72	17.97	17.78	19.00
3		15	0	17.75	17.92	17.75	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.82	22.90	22.69	24.00
1.4		1	3	22.66	22.80	22.55	24.00
1.4		1	5	22.76	22.81	22.60	24.00
1.4		3	0	22.00	22.00	22.02	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.73	21.89	21.64	23.00
1.4	16QAM	1	0	21.96	22.03	21.93	23.00
1.4		1	3	22.10	22.21	22.08	23.00
1.4		1	5	22.07	22.16	22.10	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.01	21.00	21.00	23.00
1.4		3	3	21.02	21.00	21.00	23.00
1.4		6	0	20.64	20.89	20.73	22.00
1.4	64QAM	1	0	20.83	20.99	20.92	22.00
1.4		1	3	20.87	21.05	20.79	22.00
1.4		1	5	20.87	21.04	20.91	22.00
1.4		3	0	20.01	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.02	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.69	19.84	19.62	21.00
1.4	256QAM	1	0	17.79	17.95	17.66	19.00
1.4		1	3	17.89	18.18	17.89	19.00
1.4		1	5	17.94	18.04	17.89	19.00
1.4		3	0	17.77	17.87	17.74	19.00
1.4		3	1	17.71	17.94	17.85	19.00
1.4		3	3	17.74	17.96	17.79	19.00
1.4		6	0	17.82	17.91	17.80	19.00

<LTE Band 26_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.92	22.96	22.94	24.00
15		1	37	22.77	22.94	22.85	24.00
15		1	74	22.81	22.90	22.81	24.00
15		36	0	21.82	21.88	21.82	23.00
15		36	20	21.74	21.85	21.70	23.00
15		36	39	21.68	21.86	21.79	23.00
15		75	0	21.79	21.89	21.79	23.00
15	16QAM	1	0	22.21	22.29	22.22	23.00
15		1	37	22.12	22.23	22.11	23.00
15		1	74	22.08	22.23	22.14	23.00
15		36	0	20.81	20.90	20.83	22.00
15		36	20	20.75	20.88	20.72	22.00
15		36	39	20.81	20.92	20.83	22.00
15		75	0	20.74	20.89	20.80	22.00
15	64QAM	1	0	21.06	21.16	21.10	22.00
15		1	37	20.99	21.09	21.00	22.00
15		1	74	21.07	21.13	20.99	22.00
15		36	0	19.87	19.92	19.78	21.00
15		36	20	19.77	19.93	19.87	21.00
15		36	39	19.83	19.92	19.88	21.00
15		75	0	19.84	19.90	19.74	21.00
15	256QAM	1	0	18.05	18.12	18.05	19.00
15		1	37	18.00	18.13	18.07	19.00
15		1	74	18.03	18.10	17.94	19.00
15		36	0	17.89	17.96	17.89	19.00
15		36	20	17.92	17.97	17.93	19.00
15		36	39	17.80	17.96	17.86	19.00
15		75	0	17.83	17.96	17.81	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.88	22.87	22.92	24.00
10		1	25	22.64	22.91	22.84	24.00
10		1	49	22.68	22.78	22.73	24.00
10		25	0	21.70	21.83	21.67	23.00
10		25	12	21.70	21.73	21.56	23.00
10		25	25	21.57	21.84	21.74	23.00
10		50	0	21.73	21.75	21.68	23.00
10	16QAM	1	0	22.07	22.18	22.19	23.00
10		1	25	22.01	22.12	22.08	23.00
10		1	49	21.99	22.09	22.03	23.00
10		25	0	20.80	20.85	20.73	22.00
10		25	12	20.69	20.79	20.58	22.00
10		25	25	20.73	20.88	20.80	22.00
10		50	0	20.68	20.87	20.71	22.00
10	64QAM	1	0	21.00	21.12	21.06	22.00
10		1	25	20.97	21.02	20.98	22.00
10		1	49	21.05	21.11	20.85	22.00
10		25	0	19.75	19.78	19.74	21.00
10		25	12	19.63	19.92	19.77	21.00
10		25	25	19.69	19.78	19.87	21.00
10		50	0	19.80	19.78	19.69	21.00
10	256QAM	1	0	17.94	18.03	17.97	19.00
10		1	25	17.90	17.98	17.97	19.00
10		1	49	17.89	18.00	17.87	19.00
10		25	0	17.84	17.91	17.75	19.00
10		25	12	17.81	17.93	17.79	19.00
10		25	25	17.70	17.91	17.76	19.00
10		50	0	17.78	17.90	17.79	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.78	22.92	22.84	24.00
5		1	12	22.72	22.89	22.80	24.00
5		1	24	22.75	22.86	22.76	24.00
5		12	0	21.76	21.86	21.75	23.00
5		12	7	21.73	21.78	21.64	23.00
5		12	13	21.54	21.76	21.67	23.00
5		25	0	21.73	21.84	21.73	23.00
5	16QAM	1	0	22.10	22.18	22.08	23.00
5		1	12	22.03	22.14	22.01	23.00
5		1	24	21.94	22.14	22.04	23.00
5		12	0	20.75	20.76	20.75	22.00
5		12	7	20.69	20.84	20.83	22.00
5		12	13	20.77	20.86	20.79	22.00
5		25	0	20.62	20.74	20.67	22.00
5	64QAM	1	0	21.01	21.07	21.03	22.00
5		1	12	20.87	20.98	20.86	22.00
5		1	24	20.94	21.05	20.94	22.00
5		12	0	19.74	19.85	19.68	21.00
5		12	7	19.68	19.84	19.73	21.00
5		12	13	19.71	19.89	19.79	21.00
5		25	0	19.76	19.85	19.59	21.00
5	256QAM	1	0	17.90	18.10	17.94	19.00
5		1	12	17.93	18.00	18.03	19.00
5		1	24	17.90	18.00	17.90	19.00
5		12	0	17.83	17.82	17.88	19.00
5		12	7	17.81	17.92	17.80	19.00
5		12	13	17.72	17.94	17.80	19.00
5		25	0	17.73	17.84	17.75	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.80	22.92	22.87	24.00
3		1	8	22.73	22.91	22.78	24.00
3		1	14	22.73	22.76	22.75	24.00
3		8	0	21.71	21.74	21.69	23.00
3		8	4	21.60	21.84	21.62	23.00
3		8	7	21.57	21.81	21.72	23.00
3		15	0	21.74	21.83	21.73	23.00
3	16QAM	1	0	22.14	22.24	22.19	23.00
3		1	8	22.03	22.17	22.03	23.00
3		1	14	22.03	22.14	22.09	23.00
3		8	0	20.73	20.85	20.80	22.00
3		8	4	20.70	20.82	20.82	22.00
3		8	7	20.71	20.81	20.77	22.00
3		15	0	20.62	20.84	20.76	22.00
3	64QAM	1	0	20.95	21.02	20.97	22.00
3		1	8	20.90	21.01	20.88	22.00
3		1	14	20.94	21.12	20.93	22.00
3		8	0	19.83	19.89	19.72	21.00
3		8	4	19.70	19.82	19.82	21.00
3		8	7	19.80	19.81	19.82	21.00
3		15	0	19.82	19.83	19.71	21.00
3	256QAM	1	0	17.92	18.07	17.91	19.00
3		1	8	17.89	18.11	18.06	19.00
3		1	14	17.91	18.06	17.82	19.00
3		8	0	17.75	17.87	17.85	19.00
3		8	4	17.78	17.83	17.84	19.00
3		8	7	17.77	17.88	17.80	19.00
3		15	0	17.69	17.85	17.69	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.90	22.94	22.90	24.00
1.4		1	3	22.83	22.90	22.79	24.00
1.4		1	5	22.68	22.81	22.68	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.77	21.79	21.74	23.00
1.4	16QAM	1	0	22.15	22.26	22.10	23.00
1.4		1	3	22.08	22.11	22.03	23.00
1.4		1	5	21.98	22.09	22.01	23.00
1.4		3	0	21.02	21.01	21.00	23.00
1.4		3	1	21.00	21.02	21.02	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.66	20.85	20.74	22.00
1.4	64QAM	1	0	20.92	21.15	20.96	22.00
1.4		1	3	20.86	21.08	20.94	22.00
1.4		1	5	20.98	21.11	20.84	22.00
1.4		3	0	20.02	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.01	20.01	20.00	22.00
1.4		6	0	19.76	19.77	19.67	21.00
1.4	256QAM	1	0	17.94	17.97	18.03	19.00
1.4		1	3	17.96	18.05	17.97	19.00
1.4		1	5	18.00	17.98	17.93	19.00
1.4		3	0	17.76	17.83	17.88	19.00
1.4		3	1	17.80	17.91	17.88	19.00
1.4		3	3	17.70	17.95	17.77	19.00
1.4		6	0	17.71	17.85	17.73	19.00

<LTE Band 66_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.98	22.96	24.00
20		1	49	22.81	22.94	22.82	24.00
20		1	99	22.70	22.85	22.89	24.00
20		50	0	21.85	21.98	21.93	23.00
20		50	24	21.79	21.97	21.91	23.00
20		50	50	21.81	21.93	21.85	23.00
20		100	0	21.80	22.00	21.88	23.00
20	16QAM	1	0	22.00	22.12	22.07	23.00
20		1	49	22.08	22.28	22.14	23.00
20		1	99	22.16	22.33	22.27	23.00
20		50	0	20.79	20.94	20.87	22.00
20		50	24	20.76	21.00	20.85	22.00
20		50	50	20.89	21.00	20.86	22.00
20		100	0	20.85	21.04	20.89	22.00
20	64QAM	1	0	20.96	21.09	20.96	22.00
20		1	49	20.95	21.12	21.00	22.00
20		1	99	20.94	21.17	21.07	22.00
20		50	0	19.82	19.98	19.85	21.00
20		50	24	19.79	20.01	19.92	21.00
20		50	50	19.79	20.02	19.90	21.00
20		100	0	19.78	20.01	19.86	21.00
20	256QAM	1	0	17.93	18.05	17.99	19.00
20		1	49	18.00	18.12	18.03	19.00
20		1	99	17.83	18.05	18.02	19.00
20		50	0	17.80	17.98	17.86	19.00
20		50	24	17.79	18.02	17.97	19.00
20		50	50	17.88	17.98	17.85	19.00
20		100	0	17.80	18.02	17.94	19.00
Channel				132097	132322	132547	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.80	22.91	22.82	24.00
15		1	37	22.73	22.87	22.76	24.00
15		1	74	22.66	22.91	22.84	24.00
15		36	0	21.84	21.93	21.87	23.00
15		36	20	21.70	21.94	21.82	23.00
15		36	39	21.70	21.91	21.77	23.00
15		75	0	21.72	21.95	21.82	23.00
15	16QAM	1	0	21.91	22.09	21.97	23.00
15		1	37	22.04	22.23	22.01	23.00
15		1	74	22.13	22.30	22.13	23.00
15		36	0	20.74	20.85	20.73	22.00
15		36	20	20.74	20.92	20.82	22.00
15		36	39	20.86	20.99	20.76	22.00
15		75	0	20.72	20.91	20.80	22.00
15	64QAM	1	0	20.81	21.04	20.90	22.00
15		1	37	20.83	20.98	20.94	22.00
15		1	74	20.85	21.02	20.93	22.00
15		36	0	19.67	19.90	19.79	21.00
15		36	20	19.70	19.98	19.80	21.00
15		36	39	19.67	19.91	19.78	21.00
15		75	0	19.70	19.96	19.75	21.00
15	256QAM	1	0	17.79	18.02	17.86	19.00
15		1	37	17.94	18.02	17.91	19.00
15		1	74	17.75	17.98	17.87	19.00
15		36	0	17.70	17.93	17.80	19.00
15		36	20	17.66	17.97	17.94	19.00
15		36	39	17.75	17.86	17.72	19.00
15		75	0	17.75	17.92	17.81	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.78	22.86	22.90	24.00
10		1	25	22.71	22.90	22.78	24.00
10		1	49	22.66	22.85	22.77	24.00
10		25	0	21.72	21.88	21.80	23.00
10		25	12	21.76	21.84	21.80	23.00
10		25	25	21.73	21.82	21.70	23.00
10		50	0	21.76	21.92	21.74	23.00
10	16QAM	1	0	21.88	21.99	21.92	23.00
10		1	25	22.06	22.20	22.01	23.00
10		1	49	22.01	22.26	22.19	23.00
10		25	0	20.65	20.84	20.82	22.00
10		25	12	20.68	20.86	20.73	22.00
10		25	25	20.74	20.98	20.81	22.00
10		50	0	20.83	20.99	20.76	22.00
10	64QAM	1	0	20.89	21.03	20.83	22.00
10		1	25	20.85	21.04	20.87	22.00
10		1	49	20.88	21.14	21.04	22.00
10		25	0	19.74	19.89	19.83	21.00
10		25	12	19.77	19.92	19.86	21.00
10		25	25	19.78	19.92	19.77	21.00
10		50	0	19.69	19.89	19.80	21.00
10	256QAM	1	0	17.80	17.91	17.95	19.00
10		1	25	17.91	18.10	17.97	19.00
10		1	49	17.81	18.00	17.95	19.00
10		25	0	17.73	17.90	17.77	19.00
10		25	12	17.70	17.96	17.94	19.00
10		25	25	17.78	17.85	17.73	19.00
10		50	0	17.66	17.88	17.83	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.82	22.90	22.90	24.00
5		1	12	22.66	22.84	22.70	24.00
5		1	24	22.64	22.88	22.79	24.00
5		12	0	21.82	21.91	21.84	23.00
5		12	7	21.73	21.95	21.83	23.00
5		12	13	21.76	21.91	21.78	23.00
5		25	0	21.66	21.95	21.85	23.00
5	16QAM	1	0	21.90	22.10	21.96	23.00
5		1	12	21.94	22.20	22.05	23.00
5		1	24	22.09	22.30	22.21	23.00
5		12	0	20.73	20.88	20.72	22.00
5		12	7	20.65	20.98	20.74	22.00
5		12	13	20.79	20.98	20.84	22.00
5		25	0	20.74	20.98	20.79	22.00
5	64QAM	1	0	20.92	20.99	20.93	22.00
5		1	12	20.90	21.02	20.93	22.00
5		1	24	20.86	21.08	20.98	22.00
5		12	0	19.77	19.86	19.81	21.00
5		12	7	19.72	19.97	19.81	21.00
5		12	13	19.69	19.97	19.79	21.00
5		25	0	19.67	19.93	19.82	21.00
5	256QAM	1	0	17.91	17.98	17.96	19.00
5		1	12	17.93	18.10	17.98	19.00
5		1	24	17.81	17.94	17.90	19.00
5		12	0	17.74	17.87	17.80	19.00
5		12	7	17.70	17.93	17.83	19.00
5		12	13	17.85	17.91	17.77	19.00
5		25	0	17.65	17.98	17.86	19.00
Channel				131967	132322	132677	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.75	22.95	22.90	24.00
3		1	8	22.71	22.81	22.79	24.00
3		1	14	22.62	22.84	22.76	24.00
3		8	0	21.71	21.84	21.92	23.00
3		8	4	21.72	21.93	21.77	23.00
3		8	7	21.76	21.86	21.72	23.00
3		15	0	21.77	21.99	21.76	23.00
3	16QAM	1	0	21.85	22.03	22.05	23.00
3		1	8	22.02	22.20	22.00	23.00
3		1	14	22.04	22.32	22.25	23.00
3		8	0	20.76	20.85	20.80	22.00
3		8	4	20.69	20.93	20.84	22.00
3		8	7	20.78	20.87	20.76	22.00
3		15	0	20.75	20.95	20.74	22.00
3	64QAM	1	0	20.92	20.99	20.91	22.00
3		1	8	20.88	21.09	20.87	22.00
3		1	14	20.79	21.11	20.97	22.00
3		8	0	19.75	19.87	19.79	21.00
3		8	4	19.76	20.00	19.88	21.00
3		8	7	19.77	19.99	19.76	21.00
3		15	0	19.66	19.97	19.72	21.00
3	256QAM	1	0	17.90	17.94	17.94	19.00
3		1	8	17.98	18.07	17.97	19.00
3		1	14	17.69	18.00	17.88	19.00
3		8	0	17.75	17.88	17.78	19.00
3		8	4	17.66	18.00	17.85	19.00
3		8	7	17.84	17.89	17.79	19.00
3		15	0	17.78	17.97	17.93	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.74	22.88	22.84	24.00
1.4		1	3	22.78	22.83	22.67	24.00
1.4		1	5	22.65	22.80	22.75	24.00
1.4		3	0	22.00	22.01	22.00	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.73	21.92	21.78	23.00
1.4	16QAM	1	0	21.91	22.05	21.95	23.00
1.4		1	3	22.02	22.22	22.01	23.00
1.4		1	5	22.11	22.30	22.26	23.00
1.4		3	0	21.02	21.02	21.00	23.00
1.4		3	1	21.00	21.00	21.01	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.73	20.97	20.83	22.00
1.4	64QAM	1	0	20.83	21.02	20.81	22.00
1.4		1	3	20.87	21.00	20.92	22.00
1.4		1	5	20.90	21.14	21.01	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.02	20.00	20.00	22.00
1.4		3	3	20.02	20.00	20.00	22.00
1.4		6	0	19.73	19.91	19.83	21.00
1.4	256QAM	1	0	17.81	18.02	17.95	19.00
1.4		1	3	17.87	18.00	17.94	19.00
1.4		1	5	17.71	18.01	17.90	19.00
1.4		3	0	17.69	17.88	17.78	19.00
1.4		3	1	17.71	17.95	17.87	19.00
1.4		3	3	17.85	17.88	17.81	19.00
1.4		6	0	17.76	17.97	17.83	19.00

<LTE Band 71_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.90	22.95	22.90	24.00
20		1	49	22.69	22.88	22.72	24.00
20		1	99	22.76	22.88	22.79	24.00
20		50	0	21.86	21.92	21.80	23.00
20		50	24	21.70	21.89	21.74	23.00
20		50	50	21.74	21.87	21.78	23.00
20		100	0	21.78	21.89	21.79	23.00
20	16QAM	1	0	22.24	22.33	22.21	23.00
20		1	49	22.07	22.16	22.02	23.00
20		1	99	22.04	22.16	22.10	23.00
20		50	0	20.81	20.91	20.82	22.00
20		50	24	20.71	20.87	20.74	22.00
20		50	50	20.76	20.86	20.79	22.00
20		100	0	20.76	20.89	20.73	22.00
20	64QAM	1	0	21.04	21.14	20.95	22.00
20		1	49	21.06	21.19	21.09	22.00
20		1	99	20.94	21.10	20.95	22.00
20		50	0	19.87	19.97	19.80	21.00
20		50	24	19.79	19.94	19.77	21.00
20		50	50	19.84	19.92	19.82	21.00
20		100	0	19.83	19.94	19.83	21.00
20	256QAM	1	0	17.92	18.09	18.01	19.00
20		1	49	17.85	18.01	17.95	19.00
20		1	99	17.89	17.97	17.83	19.00
20		50	0	17.82	17.97	17.90	19.00
20		50	24	17.74	17.93	17.76	19.00
20		50	50	17.76	17.88	17.72	19.00
20		100	0	17.87	17.95	17.76	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.88	22.94	22.83	24.00
15		1	37	22.58	22.76	22.58	24.00
15		1	74	22.73	22.76	22.66	24.00
15		36	0	21.73	21.88	21.72	23.00
15		36	20	21.58	21.83	21.64	23.00
15		36	39	21.61	21.84	21.73	23.00
15		75	0	21.72	21.75	21.74	23.00
15	16QAM	1	0	22.19	22.30	22.17	23.00
15		1	37	21.96	22.04	22.00	23.00
15		1	74	21.91	22.07	21.96	23.00
15		36	0	20.76	20.80	20.72	22.00
15		36	20	20.58	20.81	20.60	22.00
15		36	39	20.68	20.83	20.68	22.00
15		75	0	20.63	20.86	20.71	22.00
15	64QAM	1	0	21.03	21.07	20.88	22.00
15		1	37	20.94	21.17	21.08	22.00
15		1	74	20.81	21.06	20.89	22.00
15		36	0	19.81	19.91	19.79	21.00
15		36	20	19.77	19.80	19.71	21.00
15		36	39	19.73	19.83	19.70	21.00
15		75	0	19.69	19.80	19.71	21.00
15	256QAM	1	0	17.85	18.04	17.96	19.00
15		1	37	17.76	17.90	17.87	19.00
15		1	74	17.82	17.96	17.69	19.00
15		36	0	17.69	17.82	17.88	19.00
15		36	20	17.68	17.85	17.64	19.00
15		36	39	17.67	17.78	17.71	19.00
15		75	0	17.74	17.91	17.74	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.82	22.84	22.86	24.00
10		1	25	22.57	22.86	22.58	24.00
10		1	49	22.74	22.77	22.71	24.00
10		25	0	21.77	21.82	21.76	23.00
10		25	12	21.62	21.79	21.66	23.00
10		25	25	21.67	21.74	21.71	23.00
10		50	0	21.72	21.83	21.75	23.00
10	16QAM	1	0	22.19	22.25	22.18	23.00
10		1	25	21.97	22.03	21.91	23.00
10		1	49	21.96	22.12	22.03	23.00
10		25	0	20.67	20.88	20.76	22.00
10		25	12	20.58	20.79	20.68	22.00
10		25	25	20.62	20.79	20.75	22.00
10		50	0	20.65	20.82	20.59	22.00
10	64QAM	1	0	20.95	21.00	20.81	22.00
10		1	25	20.94	21.15	21.05	22.00
10		1	49	20.88	20.97	20.87	22.00
10		25	0	19.83	19.94	19.77	21.00
10		25	12	19.77	19.85	19.68	21.00
10		25	25	19.70	19.77	19.68	21.00
10		50	0	19.69	19.83	19.70	21.00
10	256QAM	1	0	17.86	18.02	17.98	19.00
10		1	25	17.82	17.86	17.86	19.00
10		1	49	17.78	17.95	17.72	19.00
10		25	0	17.69	17.93	17.76	19.00
10		25	12	17.68	17.82	17.72	19.00
10		25	25	17.70	17.83	17.66	19.00
10		50	0	17.81	17.90	17.74	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.80	22.93	22.77	24.00
5		1	12	22.62	22.80	22.65	24.00
5		1	24	22.64	22.75	22.67	24.00
5		12	0	21.80	21.78	21.66	23.00
5		12	7	21.58	21.83	21.65	23.00
5		12	13	21.60	21.84	21.66	23.00
5		25	0	21.73	21.83	21.64	23.00
5	16QAM	1	0	22.20	22.28	22.09	23.00
5		1	12	21.92	22.09	21.91	23.00
5		1	24	21.94	22.13	21.96	23.00
5		12	0	20.70	20.76	20.74	22.00
5		12	7	20.60	20.78	20.69	22.00
5		12	13	20.66	20.72	20.77	22.00
5		25	0	20.62	20.81	20.68	22.00
5	64QAM	1	0	20.99	21.04	20.92	22.00
5		1	12	20.97	21.17	20.98	22.00
5		1	24	20.85	21.07	20.89	22.00
5		12	0	19.80	19.92	19.69	21.00
5		12	7	19.73	19.92	19.70	21.00
5		12	13	19.76	19.85	19.69	21.00
5		25	0	19.82	19.81	19.76	21.00
5	256QAM	1	0	17.83	18.01	17.86	19.00
5		1	12	17.75	17.96	17.88	19.00
5		1	24	17.76	17.83	17.71	19.00
5		12	0	17.80	17.95	17.77	19.00
5		12	7	17.72	17.87	17.69	19.00
5		12	13	17.74	17.81	17.67	19.00
5		25	0	17.72	17.89	17.73	19.00

<FR1 n7_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	23.01	23.10	22.98	24.00
50		1	135	22.81	23.05	22.84	24.00
50		1	268	22.84	22.95	22.78	24.00
50	PI/2 BPSK	135	0	22.38	22.59	22.43	23.50
50		135	68	22.86	22.98	22.73	24.00
50		135	135	22.32	22.51	22.28	23.50
50		270	0	22.36	22.58	22.34	23.50
50		1	1	22.90	23.09	22.88	24.00
50		1	135	22.91	23.06	22.81	24.00
50		1	268	22.73	22.96	22.81	24.00
50	QPSK	135	0	21.93	22.05	21.91	23.00
50		135	68	22.86	22.98	22.74	24.00
50		135	135	21.85	22.01	21.76	23.00
50		270	0	21.90	22.09	21.90	23.00
50	16QAM	1	1	21.95	22.16	21.90	23.00
50	64QAM	1	1	20.10	20.28	20.09	21.50
50	256QAM	1	1	18.04	18.26	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.89	22.99	22.90	24.00
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.91	22.99	22.96	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.94	23.00	22.91	24.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.91	23.04	22.86	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.93	22.99	22.96	24.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.86	23.01	22.84	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.93	23.02	22.87	24.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.00	23.05	22.92	24.00

<FR1 n30_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		23.15		24.00
10		1	26		23.13		24.00
10		1	50		23.06		24.00
10	PI/2 BPSK	25	0		22.55		23.50
10		25	14		23.08		24.00
10		25	27		22.54		23.50
10		50	0		22.57		23.50
10		1	1		23.11		24.00
10		1	26		23.09		24.00
10		1	50		23.10		24.00
10	QPSK	25	0		22.04		23.00
10		25	14		23.04		24.00
10		25	27		22.05		23.00
10		50	0		22.08		23.00
10	16QAM	1	1		22.21		23.00
10	64QAM	1	1		20.42		21.50
10	256QAM	1	1		18.34		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.02	23.10	23.05	24.00

<FR1 n41_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.69	23.06	22.92	24.00
100		1	137	22.66	22.97	22.72	24.00
100		1	271	22.66	22.90	22.62	24.00
100	PI/2 BPSK	135	0	22.79	22.90	22.81	24.00
100		135	69	22.72	22.91	22.73	24.00
100		135	138	22.60	22.88	22.68	24.00
100		270	0	22.71	22.98	22.83	24.00
100		1	1	22.64	22.89	22.72	24.00
100		1	137	22.73	22.96	22.79	24.00
100		1	271	22.59	22.89	22.72	24.00
100	QPSK	135	0	22.79	22.98	22.74	24.00
100		135	69	22.70	22.94	22.78	24.00
100		135	138	22.65	22.93	22.65	24.00
100		270	0	22.72	23.03	22.77	24.00
100	16QAM	1	1	22.76	23.03	22.84	24.00
100	64QAM	1	1	22.40	22.70	22.52	24.00
100	256QAM	1	1	20.92	21.18	20.99	22.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.83	23.01	22.85	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.74	23.03	22.84	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	3605	
70	PI/2 BPSK	1	1	22.81	22.98	22.86	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.85	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.83	22.99	22.87	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.75	22.92	22.84	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.80	23.00	22.89	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.82	22.99	22.78	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.87	22.95	22.87	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.77	22.98	22.84	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.81	23.04	22.89	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.78	22.91	22.90	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.75	22.96	22.89	24.00

<FR1 n41_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	25.76	25.79	25.71	27.00
100		1	137	25.68	25.78	25.63	27.00
100		1	271	25.57	25.69	25.56	27.00
100	PI/2 BPSK	135	0	25.35	25.39	25.26	26.50
100		135	69	25.63	25.77	25.58	27.00
100		135	138	25.20	25.35	25.13	26.50
100		270	0	25.25	25.36	25.20	26.50
100		1	1	25.44	25.54	25.34	27.00
100		1	137	25.68	25.72	25.57	27.00
100		1	271	25.52	25.66	25.55	27.00
100	QPSK	135	0	24.87	24.96	24.83	26.00
100		135	69	25.59	25.69	25.46	27.00
100		135	138	24.78	24.85	24.76	26.00
100		270	0	24.82	24.90	24.78	26.00
100	16QAM	1	1	24.64	24.78	24.59	26.00
100	64QAM	1	1	22.88	23.04	22.83	24.50
100	256QAM	1	1	18.51	18.56	18.50	20.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.69	25.74	25.62	27.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.68	25.68	25.56	27.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.61	25.64	25.59	27.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.63	25.71	25.57	27.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.74	25.75	25.57	27.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.71	25.67	25.61	27.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.67	25.75	25.63	27.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.69	25.66	25.65	27.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.72	25.71	25.60	27.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.71	25.72	25.66	27.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.65	25.76	25.67	27.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.69	25.71	25.58	27.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.62	25.66	25.61	27.00

<FR1 n48_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.31	18.60	18.50	19.00
40		1	53	18.18	18.58	18.40	19.00
40		1	104	18.11	18.51	18.27	19.00
40		50	0	16.08	16.45	16.35	17.00
40		50	28	18.14	18.54	18.35	19.00
40		50	56	16.13	16.49	16.33	17.00
40		100	0	16.24	16.51	16.35	17.00
40	QPSK	1	1	18.15	18.45	18.24	19.00
40		1	53	18.16	18.53	18.35	19.00
40		1	104	18.16	18.51	18.27	19.00
40		50	0	15.15	15.48	15.38	16.00
40		50	28	18.13	18.54	18.34	19.00
40		50	56	15.21	15.51	15.33	16.00
40		100	0	15.14	15.52	15.29	16.00
40	16QAM	1	1	17.25	17.60	17.39	18.00
40	64QAM	1	1	15.51	15.77	15.54	16.50
40	256QAM	1	1	13.45	13.71	13.61	14.50
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.96	
30	PI/2 BPSK	1	1	18.28	18.58	18.44	19.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.29	18.54	18.38	19.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.22	18.58	18.44	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.20	18.47	18.46	19.00

<FR1 n77 (27Q)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.35		19.00
100		1	137		18.28		19.00
100		1	271		18.34		19.00
100		135	0		18.17		19.00
100		135	69		18.28		19.00
100		135	138		18.26		19.00
100		270	0		18.23		19.00
100	QPSK	1	1		18.03		19.00
100		1	137		18.25		19.00
100		1	271		18.30		19.00
100		135	0		18.19		19.00
100		135	69		18.28		19.00
100		135	138		18.32		19.00
100		270	0		18.27		19.00
100	16QAM	1	1		18.20		19.00
100	64QAM	1	1		17.88		19.00
100	256QAM	1	1		16.34		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3496	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.16	18.30	18.28	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.03	18.25	18.23	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.04	18.19	18.18	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.14	18.21	18.23	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.08	18.25	18.21	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.01	18.20	18.14	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.08	18.21	18.20	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.09	18.16	18.14	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.05	18.26	18.19	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.14	18.18	18.24	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.03	18.26	18.15	19.00

<FR1 n77 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.26		22.00
100		1	137		21.13		22.00
100		1	271		21.10		22.00
100		135	0		20.87		21.50
100		135	69		21.08		22.00
100		135	138		20.75		21.50
100		270	0		20.73		21.50
100	QPSK	1	1		20.81		22.00
100		1	137		21.07		22.00
100		1	271		21.11		22.00
100		135	0		20.27		21.00
100		135	69		21.25		22.00
100		135	138		20.42		21.00
100		270	0		20.28		21.00
100	16QAM	1	1		20.17		21.00
100	64QAM	1	1		18.33		19.50
100	256QAM	1	1		16.48		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.25	21.18	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.14	21.16	21.07	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.03	21.13	21.15	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.10	21.12	21.15	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.02	21.17	21.10	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.99	
40	PI/2 BPSK	1	1	21.02	21.21	21.06	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.13	21.13	21.08	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.04	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.05	21.16	21.10	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.11	21.23	21.04	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.13	21.13	22.00

<FR1 n77 (27O)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	18.15	18.29	17.68	17.92	19.00
100		1	137	17.62	18.05	17.55	17.78	19.00
100		1	271	17.47	18.19	17.47	17.84	19.00
100		135	0	17.56	17.90	17.43	17.62	18.50
100		135	69	17.40	18.05	17.39	17.67	19.00
100		135	138	17.53	18.08	17.39	17.61	18.50
100		270	0	17.60	17.94	17.42	17.71	18.50
100	QPSK	1	1	17.21	17.87	17.28	17.58	19.00
100		1	137	17.48	18.08	17.47	17.75	19.00
100		1	271	17.64	18.03	17.53	17.81	19.00
100		135	0	17.01	17.16	17.37	17.71	18.00
100		135	69	17.24	17.97	17.26	17.67	19.00
100		135	138	17.10	17.09	17.45	17.78	18.00
100		270	0	17.08	17.11	17.55	17.76	18.00
100	16QAM	1	1	17.07	16.98	17.47	17.68	18.00
100	64QAM	1	1	15.65	15.64	15.49	17.46	16.50
100	256QAM	1	1	13.56	13.15	13.45	15.90	14.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.70	17.82	17.55	17.78	19.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	17.78	17.83	17.63	17.86	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.88	17.93	17.62	17.87	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.80	17.95	17.54	17.88	19.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.79	17.90	17.63	17.81	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.87	17.84	17.62	17.89	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.78	17.86	17.66	17.87	19.00
Channel				647502	654418	661334	664502	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.76	17.91	17.58	17.85	19.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.85	17.88	17.65	17.91	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.83	17.87	17.66	17.88	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.80	17.95	17.63	17.77	19.00

<FR1 n77 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.08	21.18	20.76	20.84	22.00
100		1	137	20.96	21.07	20.55	20.55	22.00
100		1	271	20.76	20.85	20.40	20.40	22.00
100	PI/2 BPSK	135	0	20.60	20.67	20.13	20.13	21.50
100		135	69	20.89	21.04	20.52	20.52	22.00
100		135	138	20.45	20.52	20.08	20.08	21.50
100		270	0	20.45	20.63	20.12	20.12	21.50
100		1	1	20.84	20.97	20.49	20.49	22.00
100		1	137	20.85	20.94	20.45	20.45	22.00
100		1	271	20.56	20.67	20.20	20.20	22.00
100	QPSK	135	0	19.92	20.05	19.55	19.55	21.00
100		135	69	21.11	21.17	20.64	20.64	22.00
100		135	138	19.82	19.91	19.39	19.39	21.00
100		270	0	19.93	19.99	19.56	19.56	21.00
100	16QAM	1	1	20.04	20.15	19.72	19.72	21.00
100	64QAM	1	1	18.19	18.37	17.92	17.92	19.50
100	256QAM	1	1	16.39	16.54	16.15	16.15	17.50
Channel				649668	655500	661334	662232	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.80	20.91	20.73	20.73	22.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.80	20.93	20.63	20.78	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3736	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.86	20.88	20.63	20.83	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.90	20.94	20.74	20.79	22.00
Channel				648334	654334	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.81	20.96	20.72	20.72	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.86	20.92	20.73	20.69	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.78	20.91	20.61	20.73	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.82	20.88	20.63	20.78	22.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.78	20.95	20.75	20.80	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.87	20.92	20.63	20.82	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.80	20.93	20.67	20.79	22.00

<FR1 n78 (27Q)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.49		19.00
100		1	137		18.34		19.00
100		1	271		18.38		19.00
100	PI/2 BPSK	135	0		18.19		19.00
100		135	69		18.36		19.00
100		135	138		18.31		19.00
100		270	0		18.23		19.00
100		1	1		18.07		19.00
100		1	137		18.35		19.00
100		1	271		18.40		19.00
100	QPSK	135	0		18.24		19.00
100		135	69		18.34		19.00
100		135	138		18.36		19.00
100		270	0		18.28		19.00
100	16QAM	1	1		18.25		19.00
100	64QAM	1	1		17.92		19.00
100	256QAM	1	1		16.40		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3496	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.36	18.48	18.33	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.22	18.37	18.30	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.37	18.26	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.28	18.35	18.21	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.24	18.41	18.29	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.32	18.36	18.32	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.30	18.46	18.30	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.30	18.34	18.21	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.43	18.18	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.35	18.33	18.20	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.24	18.38	18.23	19.00

<FR1 n78 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.36		22.00
100		1	137		21.11		22.00
100		1	271		21.30		22.00
100	PI/2 BPSK	135	0		20.74		21.50
100		135	69		21.30		22.00
100		135	138		20.88		21.50
100		270	0		20.85		21.50
100		1	1		20.97		22.00
100		1	137		21.14		22.00
100		1	271		21.24		22.00
100	QPSK	135	0		20.38		21.00
100		135	69		21.35		22.00
100		135	138		20.45		21.00
100		270	0		20.38		21.00
100	16QAM	1	1		20.20		21.00
100	64QAM	1	1		19.38		19.50
100	256QAM	1	1		16.56		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.20	21.34	21.28	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.16	21.21	21.25	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.06	21.32	21.14	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.14	21.19	21.25	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.05	21.27	21.25	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.16	21.25	21.22	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.14	21.19	21.26	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.30	21.24	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.12	21.24	21.18	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.09	21.31	21.16	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.31	21.25	22.00

<FR1 n78 (27O)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.58		19.00
100		1	137		18.41		19.00
100		1	271		18.23		19.00
100	PI/2 BPSK	135	0		18.49		19.00
100		135	69		18.50		19.00
100		135	138		18.27		19.00
100		270	0		18.36		19.00
100		1	1		18.47		19.00
100		1	137		18.40		19.00
100		1	271		18.22		19.00
100	QPSK	135	0		18.56		19.00
100		135	69		18.42		19.00
100		135	138		18.26		19.00
100		270	0		18.42		19.00
100	16QAM	1	1		18.52		19.00
100	64QAM	1	1		18.30		19.00
100	256QAM	1	1		16.78		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.52	18.56	18.55	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.46	18.53	18.54	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.39	18.46	18.49	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.41	18.41	18.42	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.45	18.55	18.47	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.41	18.43	18.47	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.46	18.51	18.45	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.40	18.42	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.42	18.43	18.59	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.40	18.51	18.47	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.45	18.50	18.53	19.00

<FR1 n78 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		21.38		22.00
100		1	137		21.29		22.00
100		1	271		21.18		22.00
100	Pi/2 BPSK	135	0		21.08		21.50
100		135	69		21.27		22.00
100		135	138		20.89		21.50
100		270	0		20.98		21.50
100		1	1		21.29		22.00
100		1	137		21.25		22.00
100		1	271		21.01		22.00
100	QPSK	135	0		20.54		21.00
100		135	69		21.37		22.00
100		135	138		20.40		21.00
100		270	0		20.53		21.00
100	16QAM	1	1		20.53		21.00
100	64QAM	1	1		18.88		19.50
100	256QAM	1	1		16.88		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	21.30	21.35	21.32	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	21.27	21.29	21.18	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	21.20	21.28	21.25	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	21.15	21.28	21.23	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	21.22	21.27	21.17	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	21.23	21.22	21.28	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	21.21	21.34	21.20	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	21.29	21.25	21.26	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	21.27	21.21	21.25	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	21.22	21.22	21.26	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	21.15	21.26	21.25	22.00

<FR1 n41_Ant 2_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.87	20.22	19.95	21.00
100		1	137	19.64	20.02	19.67	21.00
100		1	271	19.40	19.81	19.49	21.00
100		135	0	19.67	20.16	19.81	21.00
100		135	69	19.81	20.17	19.76	21.00
100		135	138	19.53	19.94	19.63	21.00
100		270	0	19.62	20.00	19.61	21.00
100	QPSK	1	1	19.57	19.97	19.66	21.00
100		1	137	19.55	19.97	19.56	21.00
100		1	271	19.42	19.82	19.44	21.00
100		135	0	19.76	20.17	19.76	21.00
100		135	69	19.55	20.01	19.72	21.00
100		135	138	19.52	19.97	19.64	21.00
100		270	0	19.63	20.05	19.71	21.00
100	16QAM	1	1	19.68	20.07	19.69	21.00
100	64QAM	1	1	19.29	19.76	19.35	21.00
100	256QAM	1	1	17.88	18.26	18.01	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.76	20.20	19.93	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.74	20.11	19.89	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.82	20.11	19.93	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.83	20.08	19.84	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.75	20.16	19.86	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.85	20.08	19.81	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.80	20.10	19.86	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.78	20.11	19.87	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.81	20.14	19.87	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.77	20.12	19.88	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.79	20.21	19.86	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.85	20.20	19.87	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.79	20.15	19.85	21.00

<FR1 n41_HPUE_Ant 2_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.66	23.03	22.87	24.00
100		1	137	22.43	22.82	22.58	24.00
100		1	271	22.21	22.61	22.44	24.00
100		135	0	22.20	22.65	22.43	23.50
100		135	69	22.58	22.98	22.79	24.00
100		135	138	21.97	22.41	22.19	23.50
100		270	0	22.20	22.58	22.38	23.50
100	QPSK	1	1	22.30	22.75	22.58	24.00
100		1	137	22.36	22.75	22.54	24.00
100		1	271	22.47	22.88	22.66	24.00
100		135	0	21.83	22.22	21.92	23.00
100		135	69	22.52	23.01	22.79	24.00
100		135	138	21.70	22.17	21.97	23.00
100		270	0	21.76	22.13	21.92	23.00
100	16QAM	1	1	21.45	21.90	21.68	23.00
100	64QAM	1	1	19.76	20.16	19.90	21.50
100	256QAM	1	1	16.00	16.30	16.15	18.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.61	23.02	22.73	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.84	23.01	22.75	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.57	23.00	22.75	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.63	22.91	22.77	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.62	22.91	22.80	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.58	22.90	22.85	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.57	22.93	22.80	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.54	22.89	22.84	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.52	22.97	22.81	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.65	22.95	22.76	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.59	22.96	22.75	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.64	22.92	22.73	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.57	22.97	22.76	24.00

<FR1 n48_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.57	18.80	18.59	20.00
40		1	53	18.47	18.77	18.44	20.00
40		1	104	18.24	18.62	18.39	20.00
40	PI/2 BPSK	50	0	16.43	16.65	16.33	18.00
40		50	28	16.42	16.69	16.36	20.00
40		50	56	16.37	16.65	16.37	18.00
40		100	0	16.33	16.65	16.39	18.00
40		1	1	18.34	18.63	18.36	20.00
40		1	53	18.49	18.75	18.52	20.00
40		1	104	18.35	18.63	18.39	20.00
40	QPSK	50	0	15.37	15.64	15.37	17.00
40		50	28	18.41	18.70	18.39	20.00
40		50	56	15.34	15.66	15.41	17.00
40		100	0	15.35	15.66	15.40	17.00
40	16QAM	1	1	17.48	17.82	17.52	19.00
40	64QAM	1	1	15.66	15.96	15.72	17.50
40	256QAM	1	1	13.68	13.90	13.65	15.50
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.56	18.74	18.44	20.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.42	18.72	18.56	20.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.77	18.51	20.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.43	18.66	18.51	20.00

<FR1 n77 (27Q)_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.56		19.00
100		1	137		18.49		19.00
100		1	271		18.51		19.00
100	PI/2 BPSK	135	0		18.45		19.00
100		135	69		18.46		19.00
100		135	138		18.46		19.00
100		270	0		18.48		19.00
100		1	1		18.38		19.00
100		1	137		18.48		19.00
100		1	271		18.53		19.00
100	QPSK	135	0		18.51		19.00
100		135	69		18.53		19.00
100		135	138		18.53		19.00
100		270	0		18.53		19.00
100	16QAM	1	1		18.55		19.00
100	64QAM	1	1		18.21		19.00
100	256QAM	1	1		16.70		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.52	18.55	18.45	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.45	18.51	18.32	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.44	18.54	18.43	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.49	18.44	18.39	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.44	18.41	18.42	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.46	18.53	18.35	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.40	18.47	18.37	19.00
Channel				630334	633332	635632	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.46	18.53	18.37	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.50	18.52	18.43	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.46	18.48	18.44	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.44	18.42	18.38	19.00

<FR1 n77 (27O)_HPUE_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.50		22.00
100		1	137		21.27		22.00
100		1	271		21.31		22.00
100	Pi/2 BPSK	135	0		20.98		21.50
100		135	69		21.29		22.00
100		135	138		21.03		21.50
100		270	0		20.98		21.50
100		1	1		21.18		22.00
100		1	137		21.19		22.00
100		1	271		21.22		22.00
100	QPSK	135	0		20.56		21.00
100		135	69		21.48		22.00
100		135	138		20.64		21.00
100		270	0		20.60		21.00
100	16QAM	1	1		20.48		21.00
100	64QAM	1	1		18.65		19.50
100	256QAM	1	1		16.86		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.44	21.45	21.43	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.35	21.36	21.40	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.37	21.41	21.39	22.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.40	21.40	21.34	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.41	21.43	21.29	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.38	21.42	21.31	22.00
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.37	21.35	21.30	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.30	21.33	21.41	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.33	21.39	21.29	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.38	21.31	21.33	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.42	21.31	21.30	22.00

<FR1 n77 (27O)_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	18.43	18.47	18.16	18.04	19.00
100		1	137	18.15	18.26	17.88	17.68	19.00
100		1	271	17.80	17.98	17.33	17.33	19.00
100	Pi/2 BPSK	135	0	18.08	18.18	17.60	17.60	19.00
100		135	69	18.02	18.20	17.61	17.61	19.00
100		135	138	17.90	18.08	17.45	17.45	19.00
100		270	0	17.97	18.16	17.53	17.53	19.00
100		1	1	18.17	18.27	17.72	17.72	19.00
100		1	137	18.39	18.45	17.85	17.85	19.00
100		1	271	18.38	18.41	17.93	17.93	19.00
100	QPSK	135	0	18.44	18.43	17.88	17.88	19.00
100		135	69	18.31	18.43	17.76	17.76	19.00
100		135	138	18.39	18.41	17.88	17.88	19.00
100		270	0	18.44	18.46	17.99	17.99	19.00
100	16QAM	1	1	18.20	18.40	17.79	17.79	19.00
100	64QAM	1	1	17.98	18.05	17.45	17.45	19.00
100	256QAM	1	1	16.33	16.52	15.98	15.98	17.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	18.29	18.27	18.06	18.02	19.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	18.33	18.27	18.09	17.99	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	18.22	18.24	18.08	18.02	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	Pi/2 BPSK	1	1	18.26	18.32	18.10	17.93	19.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	18.24	18.23	18.09	17.90	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	18.22	18.24	18.03	18.03	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	18.20	18.32	18.06	17.90	19.00
Channel				647332	654418	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	18.32	18.29	18.07	18.00	19.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	18.27	18.23	18.07	17.93	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	18.23	18.36	18.04	17.91	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	18.22	18.30	18.07	17.91	19.00

<FR1 n77 (27O)_HPUE_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.29	21.36	20.94	21.06	22.00
100		1	137	21.02	21.12	20.68	20.68	22.00
100		1	271	20.93	20.99	20.61	20.61	22.00
100	PI/2 BPSK	135	0	20.59	20.76	20.41	20.41	21.50
100		135	69	21.08	21.23	20.90	20.90	22.00
100		135	138	20.56	20.71	20.36	20.36	21.50
100		270	0	20.73	20.82	20.46	20.45	21.50
100		1	1	20.86	21.05	20.68	20.68	22.00
100		1	137	21.06	21.12	20.79	20.79	22.00
100		1	271	20.74	20.90	20.47	20.47	22.00
100	QPSK	135	0	19.99	20.18	19.76	19.76	21.00
100		135	69	21.21	21.31	20.99	20.99	22.00
100		135	138	20.01	20.15	19.83	19.83	21.00
100		270	0	20.02	20.17	19.76	19.76	21.00
100	16QAM	1	1	20.07	20.22	19.89	19.89	21.00
100	64QAM	1	1	18.35	18.45	18.06	18.06	19.50
100	256QAM	1	1	16.49	16.60	16.22	16.22	17.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.07	21.14	20.92	21.02	22.00
Channel				649334	655334	661334	662998	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.03	21.07	20.86	20.94	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.07	21.07	20.82	20.92	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.12	21.19	20.85	20.93	22.00
Channel				648334	654834	661334	663998	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.09	21.18	20.87	20.97	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.11	21.11	20.88	20.99	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.15	21.17	20.79	21.04	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.11	21.12	20.82	20.94	22.00
Channel				647334	654334	661334	664998	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.03	21.11	20.85	21.00	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.03	21.18	20.91	20.94	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.06	21.15	20.87	20.99	22.00

<FR1 n78 (27Q)_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.65		19.00
100		1	137		18.59		19.00
100		1	271		18.61		19.00
100	PI/2 BPSK	135	0		18.50		19.00
100		135	69		18.55		19.00
100		135	138		18.54		19.00
100		270	0		18.52		19.00
100		1	1		18.45		19.00
100		1	137		18.58		19.00
100		1	271		18.62		19.00
100	QPSK	135	0		18.54		19.00
100		135	69		18.61		19.00
100		135	138		18.55		19.00
100		270	0		18.51		19.00
100	16QAM	1	1		18.57		19.00
100	64QAM	1	1		18.25		19.00
100	256QAM	1	1		16.74		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.33	18.40	18.36	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.24	18.31	18.29	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.19	18.25	18.21	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.21	18.34	18.31	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.21	18.26	18.34	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.28	18.37	18.29	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.22	18.34	18.27	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.21	18.38	18.23	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.38	18.34	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.32	18.37	18.21	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.23	18.38	18.29	19.00

<FR1 n78 (27Q)_HPUE_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.58		22.00
100		1	137		21.41		22.00
100		1	271		21.52		22.00
100	Pi/2 BPSK	135	0		21.11		21.50
100		135	69		21.50		22.00
100		135	138		21.03		21.50
100		270	0		21.18		21.50
100		1	1		21.28		22.00
100		1	137		21.38		22.00
100		1	271		21.44		22.00
100	QPSK	135	0		20.64		21.00
100		135	69		21.56		22.00
100		135	138		20.68		21.00
100		270	0		20.65		21.00
100	16QAM	1	1		20.57		21.00
100	64QAM	1	1		18.78		19.50
100	256QAM	1	1		16.96		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.43	21.56	21.55	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.40	21.53	21.54	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.30	21.50	21.45	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.36	21.44	21.48	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.35	21.54	21.43	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.33	21.51	21.41	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.37	21.53	21.45	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.39	21.48	21.49	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.41	21.53	21.43	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.34	21.51	21.44	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.40	21.53	21.49	22.00

<FR1 n78 (27O)_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.65		19.00
100		1	137		18.54		19.00
100		1	271		18.64		19.00
100	Pi/2 BPSK	135	0		18.57		19.00
100		135	69		18.57		19.00
100		135	138		18.50		19.00
100		270	0		18.40		19.00
100		1	1		18.49		19.00
100		1	137		18.56		19.00
100		1	271		18.59		19.00
100	QPSK	135	0		18.62		19.00
100		135	69		18.62		19.00
100		135	138		18.49		19.00
100		270	0		18.55		19.00
100	16QAM	1	1		18.49		19.00
100	64QAM	1	1		18.26		19.00
100	256QAM	1	1		16.89		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	18.59	18.62	18.60	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	18.49	18.58	18.45	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	18.46	18.58	18.52	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	18.47	18.55	18.54	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	18.50	18.48	18.56	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	18.55	18.55	18.52	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	18.49	18.55	18.52	19.00
Channel				647502	650000	652250	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	18.53	18.49	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	18.53	18.60	18.52	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	18.47	18.51	18.50	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	18.52	18.55	18.51	19.00

<FR1 n78 (27O)_HPUE_Ant 3_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.48		22.00
100		1	137		21.33		22.00
100		1	271		21.23		22.00
100		135	0		21.12		21.50
100		135	69		21.34		22.00
100		135	138		20.88		21.50
100		270	0		21.05		21.50
100	QPSK	1	1		21.39		22.00
100		1	137		21.29		22.00
100		1	271		21.11		22.00
100		135	0		20.70		21.00
100		135	69		21.44		22.00
100		135	138		20.47		21.00
100		270	0		20.63		21.00
100	16QAM	1	1		20.65		21.00
100	64QAM	1	1		18.91		19.50
100	256QAM	1	1		17.04		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.40	21.45	21.43	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.34	21.38	21.30	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.33	21.34	21.41	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.27	21.37	21.39	22.00
Channel				648334	650000	651668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.39	21.41	21.33	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.36	21.40	21.38	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.35	21.42	21.42	22.00
Channel				647502	650000	652498	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.34	21.40	21.32	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.33	21.39	21.41	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.35	21.38	21.32	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.38	21.31	21.36	22.00

<FR1 n2_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	22.95	22.96	22.81	24.00
40		1	108	22.65	22.81	22.52	24.00
40		1	214	22.44	22.54	22.37	24.00
40	PI/2 BPSK	108	0	22.65	22.32	22.56	23.50
40		108	54	22.63	22.77	22.57	24.00
40		108	108	22.08	22.16	21.89	23.50
40		216	0	22.11	22.23	21.94	23.50
40		1	1	22.79	22.87	22.71	24.00
40		1	108	22.72	22.75	22.48	24.00
40		1	214	22.50	22.53	22.26	24.00
40	QPSK	108	0	21.73	21.81	21.53	23.00
40		108	54	22.71	22.76	22.55	24.00
40		108	108	21.64	21.67	21.41	23.00
40		216	0	21.62	21.73	21.50	23.00
40	16QAM	1	1	21.88	22.00	21.83	23.00
40	64QAM	1	1	20.02	20.17	19.94	21.50
40	256QAM	1	1	18.02	18.15	17.94	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.91	22.94	22.69	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.86	22.85	22.72	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.90	22.94	22.77	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.90	22.92	22.77	24.00
Channel				371550	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.87	22.83	22.72	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.87	22.88	22.70	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.94	22.85	22.77	24.00

<FR1 n5_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	22.75	22.76	22.74	24.00
20		1	53	22.60	22.73	22.57	24.00
20		1	104	22.64	22.74	22.68	24.00
20	PI/2 BPSK	50	0	22.07	22.19	22.06	23.50
20		50	28	22.63	22.73	22.57	24.00
20		50	56	22.10	22.15	22.05	23.50
20		100	0	22.14	22.22	22.14	23.50
20		1	1	22.64	22.75	22.61	24.00
20		1	53	22.64	22.72	22.66	24.00
20		1	104	22.69	22.75	22.63	24.00
20	QPSK	50	0	21.56	21.71	21.66	23.00
20		50	28	22.59	22.71	22.62	24.00
20		50	56	21.50	21.65	21.56	23.00
20		100	0	21.56	21.70	21.63	23.00
20	16QAM	1	1	21.80	21.88	21.78	23.00
20	64QAM	1	1	19.98	20.05	19.95	21.50
20	256QAM	1	1	17.99	18.04	17.99	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.63	22.64	22.73	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.64	22.62	22.72	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.68	22.64	22.60	24.00

<FR1 n7_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	22.98	23.09	22.95	24.00
50		1	135	22.83	23.08	22.90	24.00
50		1	268	22.78	22.96	22.67	24.00
50	Pi/2 BPSK	135	0	22.47	22.59	22.34	23.50
50		135	68	22.79	23.05	22.85	24.00
50		135	135	22.41	22.53	22.36	23.50
50		270	0	22.41	22.56	22.28	23.50
50		1	1	22.79	23.01	22.77	24.00
50		1	135	22.78	23.03	22.77	24.00
50		1	268	22.81	22.96	22.72	24.00
50	QPSK	135	0	21.88	22.08	21.92	23.00
50		135	68	22.86	23.01	22.76	24.00
50		135	135	21.90	22.02	21.78	23.00
50		270	0	21.81	22.03	21.76	23.00
50	16QAM	1	1	22.03	22.15	21.94	23.00
50	64QAM	1	1	20.17	20.31	20.05	21.50
50	256QAM	1	1	18.10	18.25	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	22.89	23.01	22.83	24.00
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	22.87	23.05	22.81	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	22.93	22.94	22.93	24.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	22.92	23.05	22.83	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	22.88	23.07	22.92	24.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	22.91	23.00	22.81	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	22.88	23.02	22.88	24.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	22.96	23.08	22.81	24.00

<FR1 n12_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	22.62	22.70	22.65	24.00
15		1	40	22.43	22.61	22.52	24.00
15		1	77	22.42	22.62	22.46	24.00
15	Pi/2 BPSK	36	0	21.88	22.09	22.02	23.50
15		36	22	22.41	22.56	22.42	24.00
15		36	43	21.91	22.12	21.95	23.50
15		75	0	21.97	22.11	21.94	23.50
15		1	1	22.52	22.68	22.57	24.00
15		1	40	22.45	22.61	22.44	24.00
15		1	77	22.55	22.64	22.54	24.00
15	QPSK	36	0	21.41	21.59	21.41	23.00
15		36	22	22.35	22.52	22.38	24.00
15		36	43	21.47	21.61	21.49	23.00
15		75	0	21.50	21.62	21.47	23.00
15	16QAM	1	1	21.69	21.83	21.69	23.00
15	64QAM	1	1	19.85	20.03	19.90	21.50
15	256QAM	1	1	17.98	18.09	18.00	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	Pi/2 BPSK	1	1	22.55	22.64	22.59	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	Pi/2 BPSK	1	1	22.48	22.65	22.62	24.00

<FR1 n13_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	Pi/2 BPSK	1	1		22.77		24.00
10		1	26		22.72		24.00
10		1	50		22.74		24.00
10		25	0		22.17		23.50
10		25	14		22.73		24.00
10		25	27		22.26		23.50
10		50	0		22.21		23.50
10	QPSK	1	1		22.76		24.00
10		1	26		22.69		24.00
10		1	50		22.72		24.00
10		25	0		21.63		23.00
10		25	14		22.73		24.00
10		25	27		21.74		23.00
10		50	0		21.71		23.00
10	16QAM	1	1		21.88		23.00
10	64QAM	1	1		20.02		21.50
10	256QAM	1	1		18.11		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	Pi/2 BPSK	1	1	22.70	22.75	22.73	24.00

<FR1 n25_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	22.82	22.85	22.66	24.00
40		1	108	22.56	22.72	22.46	24.00
40		1	214	22.28	22.46	22.25	24.00
40		108	0	22.20	22.27	22.04	23.50
40		108	54	22.53	22.66	22.42	24.00
40		108	108	22.00	22.09	21.88	23.50
40		216	0	22.02	22.16	21.90	23.50
40	QPSK	1	1	22.71	22.77	22.56	24.00
40		1	108	22.55	22.69	22.49	24.00
40		1	214	22.28	22.45	22.24	24.00
40		108	0	21.67	21.76	21.44	23.00
40		108	54	22.55	22.69	22.43	24.00
40		108	108	21.53	21.59	21.32	23.00
40		216	0	21.57	21.67	21.43	23.00
40	16QAM	1	1	21.87	21.91	21.71	23.00
40	64QAM	1	1	20.02	20.09	19.88	21.50
40	256QAM	1	1	18.00	18.06	17.89	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	22.68	22.83	22.57	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	22.78	22.73	22.62	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	22.77	22.70	22.56	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	22.72	22.80	22.58	24.00
Channel				371550	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	22.72	22.82	22.58	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	22.72	22.74	22.63	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	22.67	22.72	22.61	24.00

<FR1 n26_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	22.79	22.85	22.76	24.00
20		1	53	22.55	22.74	22.58	24.00
20		1	104	22.60	22.73	22.60	24.00
20		50	0	22.16	22.28	22.12	23.50
20		50	28	22.64	22.74	22.55	24.00
20		50	56	22.15	22.25	22.12	23.50
20		100	0	22.18	22.28	22.17	23.50
20	QPSK	1	1	22.63	22.80	22.62	24.00
20		1	53	22.64	22.74	22.53	24.00
20		1	104	22.64	22.73	22.62	24.00
20		50	0	21.65	21.76	21.68	23.00
20		50	28	22.66	22.73	22.52	24.00
20		50	56	21.67	21.74	21.52	23.00
20		100	0	21.67	21.77	21.67	23.00
20	16QAM	1	1	21.85	21.92	21.73	23.00
20	64QAM	1	1	19.93	20.10	19.99	21.50
20	256QAM	1	1	18.00	18.09	18.00	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	22.66	22.77	22.79	24.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	Pi/2 BPSK	1	1	22.67	22.71	22.68	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	22.68	22.75	22.67	24.00

<FR1 n66_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	22.25	22.19	22.37	24.00
45		1	120	22.25	22.63	22.35	24.00
45		1	240	22.24	22.61	22.36	24.00
45		120	0	21.97	21.95	22.05	23.50
45		120	60	22.25	22.59	22.37	24.00
45		120	120	22.25	22.26	22.32	23.50
45		240	0	22.06	22.05	22.10	23.50
45	QPSK	1	1	22.23	22.23	22.30	24.00
45		1	120	22.23	22.50	22.37	24.00
45		1	240	22.24	22.61	22.36	24.00
45		120	0	21.36	21.44	21.49	23.00
45		120	60	22.25	22.59	22.37	24.00
45		120	120	21.77	21.76	21.86	23.00
45		240	0	21.55	21.55	21.67	23.00
45	16QAM	1	1	21.34	21.32	21.44	23.00
45	64QAM	1	1	19.56	19.54	19.58	21.50
45	256QAM	1	1	17.52	17.50	17.62	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	22.23	22.12	22.26	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	22.20	22.10	22.28	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	22.11	22.11	22.25	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	22.10	22.12	22.30	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	22.23	22.08	22.22	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	22.11	22.14	22.29	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	22.19	22.12	22.38	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	22.16	22.10	22.27	24.00

<FR1 n70_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		21.99		23.00
15		1	40		21.98		23.00
15		1	77		21.88		23.00
15		36	0		21.43		22.50
15		36	22		21.96		23.00
15		36	43		21.44		22.50
15		75	0		21.43		22.50
15	QPSK	1	1		21.94		23.00
15		1	40		21.95		23.00
15		1	77		21.88		23.00
15		36	0		20.94		22.00
15		36	22		21.93		23.00
15		36	43		20.94		22.00
15		75	0		20.92		22.00
15	16QAM	1	1		21.07		22.00
15	64QAM	1	1		19.27		20.50
15	256QAM	1	1		17.26		18.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	21.90	21.98	21.95	23.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	21.89	21.96	21.86	23.00

<FR1 n71_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		22.73		24.00
35		1	90		22.58		24.00
35		1	186		22.59		24.00
35		90	0		22.15		23.50
35		90	45		22.64		24.00
35		90	90		22.14		23.50
35		180	0		22.12		23.50
35	QPSK	1	1		22.81		24.00
35		1	90		22.57		24.00
35		1	186		22.60		24.00
35		90	0		21.62		23.00
35		90	45		22.65		24.00
35		90	90		21.63		23.00
35		180	0		21.65		23.00
35	16QAM	1	1		21.74		23.00
35	64QAM	1	1		19.94		21.50
35	256QAM	1	1		17.93		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	22.63	22.70	22.66	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	22.59	22.58	22.55	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.51	22.59	22.51	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.49	22.63	22.61	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.57	22.58	22.55	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.54	22.62	22.57	24.00

<FR1 n41_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.03	22.53	22.42	24.00
100		1	137	22.00	22.49	22.34	24.00
100		1	271	22.00	22.50	22.33	24.00
100		135	0	21.88	22.40	22.15	23.50
100		135	69	22.01	22.42	22.20	24.00
100		135	138	21.96	22.48	22.24	23.50
100		270	0	21.84	22.47	22.24	23.50
100	QPSK	1	1	22.01	22.12	22.01	24.00
100		1	137	22.00	22.50	22.28	24.00
100		1	271	22.00	22.49	22.35	24.00
100		135	0	21.95	22.46	22.32	23.00
100		135	69	22.01	22.48	22.36	24.00
100		135	138	21.90	22.47	22.23	23.00
100		270	0	21.93	22.50	22.36	23.00
100	16QAM	1	1	21.65	22.27	22.14	23.00
100	64QAM	1	1	21.37	21.94	21.82	23.00
100	256QAM	1	1	19.98	20.45	20.33	21.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.00	22.41	22.38	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.00	22.49	22.31	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.00	22.42	22.32	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.02	22.46	22.32	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.00	22.40	22.40	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.01	22.51	22.29	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.00	22.43	22.40	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.00	22.48	22.27	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.01	22.39	22.40	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.00	22.49	22.41	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.01	22.51	22.38	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.00	22.45	22.40	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.01	22.40	22.31	24.00

<FR1 n41_HPUE_Ant 4_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.10	25.45	25.24	27.00
100		1	137	25.00	25.29	25.02	27.00
100		1	271	25.00	25.27	25.01	27.00
100		135	0	24.50	24.86	24.83	26.50
100		135	69	25.00	25.27	25.00	27.00
100		135	138	24.52	24.90	24.59	26.50
100		270	0	24.51	24.92	24.64	26.50
100	QPSK	1	1	24.46	24.89	24.66	26.00
100		1	137	24.87	25.26	24.92	26.00
100		1	271	24.92	25.41	25.11	26.00
100		135	0	24.01	24.39	24.13	26.00
100		135	69	25.03	25.41	25.17	26.00
100		135	138	24.13	24.59	24.36	26.00
100		270	0	24.15	24.52	24.30	26.00
100	16QAM	1	1	24.00	24.11	24.01	26.00
100	64QAM	1	1	22.02	22.14	22.02	24.00
100	256QAM	1	1	17.53	17.79	17.52	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.05	25.43	25.13	27.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.01	25.40	25.16	27.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.02	25.39	25.11	27.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.06	25.40	25.09	27.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.06	25.41	25.12	27.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.09	25.36	25.19	27.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.07	25.32	25.20	27.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.02	25.34	25.20	27.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.00	25.36	25.22	27.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.00	25.35	25.23	27.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.01	25.38	25.12	27.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.08	25.41	25.21	27.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.00	25.38	25.11	27.00

<FR1 n48_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.71	22.97	22.71	24.00
40		1	53	22.60	22.96	22.65	24.00
40		1	104	22.48	22.80	22.43	24.00
40		50	0	20.55	20.82	20.53	22.00
40		50	28	22.61	22.90	22.63	24.00
40		50	56	20.48	20.84	20.52	22.00
40		100	0	20.54	20.85	20.59	22.00
40	QPSK	1	1	22.45	22.82	22.50	24.00
40		1	53	22.57	22.92	22.62	24.00
40		1	104	22.44	22.80	22.52	24.00
40		50	0	19.58	19.82	19.57	21.00
40		50	28	22.53	22.86	22.58	24.00
40		50	56	19.49	19.83	19.58	21.00
40		100	0	19.47	19.84	19.60	21.00
40	16QAM	1	1	21.89	21.95	21.69	23.00
40	64QAM	1	1	19.74	20.10	19.84	21.50
40	256QAM	1	1	17.82	18.09	17.79	19.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.65	22.92	22.65	24.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.66	22.85	22.67	24.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.67	22.95	22.65	24.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.57	22.86	22.57	24.00

<FR1 n77 (27Q)_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.75		24.00
100		1	137		22.66		24.00
100		1	271		22.62		24.00
100		135	0		22.62		24.00
100		135	69		22.65		24.00
100		135	138		22.64		24.00
100		270	0		22.63		24.00
100	QPSK	1	1		22.53		24.00
100		1	137		22.63		24.00
100		1	271		22.63		24.00
100		135	0		22.73		24.00
100		135	69		22.74		24.00
100		135	138		22.72		24.00
100		270	0		22.71		24.00
100	16QAM	1	1		22.74		24.00
100	64QAM	1	1		22.41		23.00
100	256QAM	1	1		20.85		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.63	22.72	22.68	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.57	22.64	22.55	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.55	22.65	22.54	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.60	22.63	22.65	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.51	22.71	22.53	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.52	22.62	22.57	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.57	22.59	22.60	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.52	22.61	22.67	24.00
Channel				630582	633332	636082	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.57	22.62	22.57	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.58	22.61	22.66	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.62	22.59	22.60	24.00

<FR1 n77 (27O)_HPUE_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.40		27.00
100		1	137		25.28		27.00
100		1	271		25.33		27.00
100		135	0		24.89		26.50
100		135	69		25.36		27.00
100		135	138		24.94		26.50
100		270	0		24.97		26.50
100	QPSK	1	1		25.25		27.00
100		1	137		25.25		27.00
100		1	271		25.29		27.00
100		135	0		24.50		26.50
100		135	69		25.39		27.00
100		135	138		24.53		26.50
100		270	0		24.58		26.50
100	16QAM	1	1		24.46		26.00
100	64QAM	1	1		22.63		24.00
100	256QAM	1	1		18.18		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.31	25.35	25.30	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.30	25.28	25.20	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.24	25.30	25.22	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.16	25.21	25.26	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.17	25.21	25.26	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.21	25.26	25.24	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.22	25.32	25.27	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.22	25.29	25.28	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.22	25.30	25.24	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.22	25.33	25.18	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.20	25.33	25.27	27.00

<FR1 n77 (27O)_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.69	22.67	22.69	22.68	24.00
100		1	137	22.24	22.65	22.38	22.44	24.00
100		1	271	22.42	22.72	22.48	22.48	24.00
100		135	0	22.14	22.55	22.30	22.35	24.00
100		135	69	22.32	22.55	22.70	22.46	24.00
100		135	138	22.20	22.68	22.57	22.48	24.00
100		270	0	22.19	22.68	22.39	22.44	24.00
100	QPSK	1	1	22.19	22.35	22.27	22.27	24.00
100		1	137	22.36	22.66	22.52	22.45	24.00
100		1	271	22.33	22.71	22.53	22.56	24.00
100		135	0	22.22	22.60	22.44	22.44	24.00
100		135	69	22.45	22.58	22.65	22.59	24.00
100		135	138	22.16	22.33	22.39	22.32	24.00
100		270	0	22.13	22.64	22.57	22.50	24.00
100	16QAM	1	1	22.19	22.55	22.51	22.40	24.00
100	64QAM	1	1	21.88	22.29	22.00	22.04	23.00
100	256QAM	1	1	20.29	20.68	20.63	20.54	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.59	22.54	22.78	22.63	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.57	22.65	22.76	22.62	24.00
Channel				649003	655168	661334	663003	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.58	22.66	22.79	22.61	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.61	22.57	22.76	22.63	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.59	22.55	22.81	22.63	24.00
Channel				648003	654668	661334	664003	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.64	22.61	22.87	22.61	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.58	22.54	22.83	22.62	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.65	22.59	22.84	22.57	24.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.61	22.65	22.79	22.65	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.63	22.53	22.79	22.62	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.63	22.57	22.79	22.60	24.00

<FR1 n77 (27O)_HPUE_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	25.58	25.59	25.92	25.80	27.00
100		1	137	25.24	25.55	25.37	25.37	27.00
100		1	271	25.23	25.67	25.50	25.50	27.00
100	Pi/2 BPSK	135	0	24.75	25.15	25.05	25.05	26.50
100		135	69	25.31	25.53	25.59	25.49	27.00
100		135	138	24.78	25.17	25.05	25.05	26.50
100		270	0	24.86	25.20	25.03	25.03	26.50
100		1	1	25.01	25.40	25.23	25.23	27.00
100		1	137	25.13	25.57	25.52	25.52	27.00
100		1	271	25.20	25.61	25.57	25.57	27.00
100	QPSK	135	0	24.42	24.74	24.70	24.70	26.00
100		135	69	25.25	25.68	25.63	25.63	27.00
100		135	138	24.33	24.65	24.58	24.58	26.00
100		270	0	24.26	24.70	24.56	24.56	26.00
100	16QAM	1	1	24.22	24.61	24.44	24.44	26.00
100	64QAM	1	1	22.51	22.79	22.67	22.87	24.00
100	256QAM	1	1	20.47	20.48	21.28	18.28	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3743.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	25.53	25.52	25.80	25.72	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	25.49	25.46	25.78	25.73	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	25.45	25.57	25.81	25.72	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	Pi/2 BPSK	1	1	25.56	25.48	25.86	25.72	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	25.54	25.49	25.85	25.72	27.00
Channel				647500	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	25.51	25.56	25.87	25.72	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	25.55	25.49	25.82	25.79	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	25.54	25.54	25.80	25.69	27.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	25.52	25.46	25.77	25.66	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	25.54	25.50	25.79	25.73	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	25.50	25.56	25.79	25.70	27.00

<FR1 n78 (27Q)_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		22.63		24.00
100		1	137		22.60		24.00
100		1	271		22.62		24.00
100	Pi/2 BPSK	135	0		22.49		24.00
100		135	69		22.52		24.00
100		135	138		22.55		24.00
100		270	0		22.52		24.00
100		1	1		22.44		24.00
100		1	137		22.57		24.00
100		1	271		22.58		24.00
100	QPSK	135	0		22.52		24.00
100		135	69		22.57		24.00
100		135	138		22.60		24.00
100		270	0		22.54		24.00
100	16QAM	1	1		22.60		24.00
100	64QAM	1	1		22.27		23.00
100	256QAM	1	1		20.75		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	22.53	22.60	22.58	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	22.42	22.54	22.49	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	22.44	22.56	22.46	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	22.49	22.45	22.46	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	22.40	22.52	22.50	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	22.51	22.57	22.50	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	22.43	22.59	22.48	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	22.39	22.56	22.54	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	22.45	22.50	22.54	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	22.50	22.52	22.46	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	22.39	22.50	22.47	24.00

<FR1 n78 (27O)_HPUE_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.63		27.00
100		1	137		25.41		27.00
100		1	271		25.62		27.00
100		135	0		25.13		26.50
100		135	69		25.49		27.00
100		135	138		25.07		26.50
100		270	0		25.03		26.50
100	QPSK	1	1		25.34		27.00
100		1	137		25.38		27.00
100		1	271		25.49		27.00
100		135	0		24.60		25.50
100		135	69		25.53		27.00
100		135	138		24.59		25.50
100	16QAM	1	1		24.61		26.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		18.27		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.42	25.52	25.51	27.00
Channel				633666	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.41	25.41	25.45	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.30	25.44	25.49	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.28	25.47	25.38	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.40	25.49	25.42	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.32	25.37	25.39	27.00
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.31	25.47	25.45	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.31	25.40	25.40	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.34	25.48	25.44	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.38	25.40	25.43	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.39	25.45	25.43	27.00

<FR1 n78 (27O)_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.86		24.00
100		1	137		22.67		24.00
100		1	271		22.64		24.00
100		135	0		22.70		24.00
100		135	69		22.72		24.00
100		135	138		22.59		24.00
100		270	0		22.64		24.00
100	QPSK	1	1		22.69		24.00
100		1	137		22.66		24.00
100		1	271		22.65		24.00
100		135	0		22.75		24.00
100		135	69		22.69		24.00
100		135	138		22.63		24.00
100		270	0		22.69		24.00
100	16QAM	1	1		22.85		24.00
100	64QAM	1	1		22.53		23.00
100	256QAM	1	1		21.01		22.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3743.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.80	22.85	22.83	24.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.78	22.75	22.70	24.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.76	22.73	22.80	24.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.71	22.78	22.73	24.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.74	22.81	22.78	24.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.77	22.82	22.72	24.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.69	22.82	22.77	24.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.79	22.80	22.69	24.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.66	22.79	22.73	24.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.78	22.74	22.81	24.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.76	22.81	22.75	24.00

<FR1 n78 (27O)_HPUE_Ant 5_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		25.76		27.00
100		1	137		25.62		27.00
100		1	271		25.55		27.00
100	PI/2 BPSK	135	0		25.28		27.00
100		135	69		25.59		27.00
100		135	138		25.11		27.00
100		270	0		25.19		27.00
100		1	1		25.58		27.00
100		1	137		25.57		27.00
100		1	271		25.48		27.00
100	QPSK	135	0		24.76		26.00
100		135	69		25.75		27.00
100		135	138		24.61		26.00
100		270	0		24.72		26.00
100	16QAM	1	1		24.84		26.00
100	64QAM	1	1		22.99		24.50
100	256QAM	1	1		18.36		20.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.70	25.75	25.73	27.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.60	25.73	25.65	27.00
Channel				649002	650000	657002	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.56	25.73	25.65	27.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.61	25.72	25.64	27.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.67	25.64	25.69	27.00
Channel				648002	650000	652002	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.60	25.72	25.67	27.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	25.64	25.66	25.70	27.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.57	25.69	25.68	27.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	25.64	25.66	25.62	27.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.62	25.68	25.59	27.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.60	25.62	25.62	27.00

<FR1 n41_Ant 7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.92	20.93	20.44	21.00
100		1	137	20.43	20.47	19.91	21.00
100		1	271	19.86	19.99	19.49	21.00
100		135	0	20.51	20.56	20.48	21.00
100		135	69	20.61	20.65	20.08	21.00
100		135	138	20.34	20.40	19.78	21.00
100		270	0	20.46	20.52	19.96	21.00
100	QPSK	1	1	20.60	20.73	20.12	21.00
100		1	137	20.28	20.42	19.87	21.00
100		1	271	19.87	19.96	19.43	21.00
100		135	0	20.60	20.67	20.04	21.00
100		135	69	20.34	20.44	19.84	21.00
100		135	138	20.09	20.18	19.69	21.00
100		270	0	20.46	20.54	19.98	21.00
100	16QAM	1	1	20.71	20.86	20.24	21.00
100	64QAM	1	1	20.36	20.52	20.00	21.00
100	256QAM	1	1	18.90	19.06	18.58	20.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.81	20.80	20.31	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.83	20.89	20.43	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.83	20.85	20.39	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.86	20.80	20.33	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.77	20.81	20.37	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.79	20.88	20.36	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.88	20.81	20.32	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.78	20.89	20.31	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.87	20.89	20.42	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.80	20.91	20.36	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.85	20.83	20.42	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.81	20.87	20.31	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.82	20.83	20.35	21.00

<FR1 n41_HPUE_Ant 7_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.65	23.68	23.26	24.00
100		1	137	23.10	23.25	22.77	24.00
100		1	271	22.71	22.77	22.23	24.00
100		135	0	23.06	23.16	22.66	23.50
100		135	69	23.18	23.33	22.90	24.00
100		135	138	22.62	22.68	22.20	23.50
100		270	0	22.92	23.05	22.59	23.50
100	QPSK	1	1	23.36	23.44	22.93	24.00
100		1	137	22.70	22.74	22.19	24.00
100		1	271	22.52	22.70	22.22	24.00
100		135	0	22.47	22.60	22.12	23.00
100		135	69	23.30	23.37	22.87	24.00
100		135	138	22.15	22.23	21.79	23.00
100		270	0	22.42	22.57	22.15	23.00
100	16QAM	1	1	22.69	22.74	22.28	23.00
100	64QAM	1	1	20.18	20.30	19.84	21.50
100	256QAM	1	1	16.28	16.41	16.02	17.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.62	23.65	23.23	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.52	23.66	23.21	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.60	23.66	23.23	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.53	23.60	23.14	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.61	23.60	23.23	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.58	23.54	23.17	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.60	23.19	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.55	23.54	23.21	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.51	23.64	23.12	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.54	23.54	23.24	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.62	23.58	23.14	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.58	23.58	23.17	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.54	23.66	23.14	24.00

<FR1 n48_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	22.18	22.29	22.24	24.00
40		1	53	22.09	22.13	22.03	24.00
40		1	104	22.16	22.24	22.04	24.00
40	PI/2 BPSK	50	0	20.16	20.00	20.10	22.00
40		50	28	22.15	22.29	22.12	24.00
40		50	56	20.02	20.28	20.13	22.00
40		100	0	20.00	20.09	20.01	22.00
40		1	1	22.01	22.08	22.02	24.00
40		1	53	22.00	22.18	22.08	24.00
40		1	104	22.03	22.18	22.03	24.00
40	QPSK	50	0	19.01	19.05	19.00	21.00
40		50	28	22.02	22.06	22.01	24.00
40		50	56	19.01	19.04	19.00	21.00
40		100	0	19.07	19.22	19.10	21.00
40	16QAM	1	1	21.57	21.23	21.11	23.00
40	64QAM	1	1	19.50	19.58	19.51	21.50
40	256QAM	1	1	17.51	17.61	17.56	19.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.13	22.28	22.10	24.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.18	22.27	22.15	24.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.08	22.16	22.06	24.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.10	22.28	22.02	24.00

<FR1 n77 (27Q)_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		24.32		25.00
100		1	137		24.12		25.00
100		1	271		24.11		25.00
100	PI/2 BPSK	135	0		24.15		25.00
100		135	69		24.20		25.00
100		135	138		24.13		25.00
100		270	0		24.04		25.00
100		1	1		24.07		25.00
100		1	137		24.20		25.00
100		1	271		24.06		25.00
100	QPSK	135	0		24.26		25.00
100		135	69		24.07		25.00
100		135	138		24.27		25.00
100		270	0		24.27		25.00
100	16QAM	1	1		24.30		25.00
100	64QAM	1	1		23.88		25.00
100	256QAM	1	1		22.34		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.07	24.26	24.11	25.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.03	24.25	23.99	25.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.01	24.15	24.10	25.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.00	24.13	24.05	25.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.99	24.15	24.05	25.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.97	24.12	24.09	25.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.98	24.24	24.05	25.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.95	24.23	24.05	25.00
Channel				630582	633332	636082	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.95	24.14	23.99	25.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.04	24.16	24.07	25.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.02	24.21	24.07	25.00

<FR1 n77 (27O)_HPUE_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.81		26.00
100		1	137		24.54		26.00
100		1	271		24.60		26.00
100		135	0		24.24		25.50
100		135	69		24.71		26.00
100		135	138		24.61		25.50
100		270	0		24.33		25.50
100	QPSK	1	1		24.67		26.00
100		1	137		24.76		26.00
100		1	271		24.50		26.00
100		135	0		23.92		25.00
100		135	69		24.80		26.00
100		135	138		24.02		25.00
100		270	0		23.93		25.00
100	16QAM	1	1		23.82		25.00
100	64QAM	1	1		22.03		23.50
100	256QAM	1	1		19.59		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.71	24.75	24.63	26.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.59	24.64	24.52	26.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.68	24.73	24.61	26.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.61	24.69	24.58	26.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.69	24.62	24.53	26.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.66	24.66	24.55	26.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.57	24.68	24.56	26.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.61	24.62	24.55	26.00
Channel				630663	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.61	24.61	24.57	26.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.65	24.72	24.49	26.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.57	24.61	24.50	26.00

<FR1 n77 (27O)_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3830.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.52	24.54	24.69	24.68	25.00
100		1	137	24.32	24.44	24.50	24.50	25.00
100		1	271	24.19	24.52	24.47	24.47	25.00
100		135	0	24.21	24.42	24.42	24.42	25.00
100		135	69	24.24	24.51	24.59	24.46	25.00
100		135	138	24.22	24.48	24.50	24.50	25.00
100		270	0	24.21	24.59	24.45	24.45	25.00
100	QPSK	1	1	24.05	24.48	24.43	24.43	25.00
100		1	137	24.27	24.62	24.49	24.49	25.00
100		1	271	24.27	24.62	24.47	24.47	25.00
100		135	0	24.19	24.58	24.47	24.47	25.00
100		135	69	24.25	24.63	24.54	24.54	25.00
100		135	138	24.26	24.61	24.48	24.48	25.00
100		270	0	24.30	24.62	24.55	24.55	25.00
100	16QAM	1	1	24.16	24.60	24.48	24.48	25.00
100	64QAM	1	1	23.88	24.26	24.13	24.13	25.00
100	256QAM	1	1	22.38	22.71	22.62	22.62	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.48	24.50	24.67	24.58	25.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	24.42	24.47	24.63	24.54	25.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.39	24.42	24.60	24.57	25.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	24.39	24.52	24.61	24.64	25.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	24.46	24.45	24.56	24.61	25.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.48	24.40	24.66	24.61	25.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.41	24.48	24.67	24.65	25.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.43	24.46	24.62	24.54	25.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.38	24.44	24.57	24.66	25.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.42	24.53	24.55	24.57	25.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.43	24.46	24.66	24.59	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3938	
100		1	1	24.96	24.91	25.10	25.08	26.00
100		1	137	24.40	25.04	24.84	24.81	26.00
100		1	271	24.41	24.90	24.68	24.61	26.00
100	PI/2 BPSK	135	0	24.04	24.54	24.40	24.24	25.50
100		135	69	24.63	24.88	24.98	24.95	26.00
100		135	138	23.98	24.49	24.47	24.37	25.50
100		270	0	24.25	24.53	24.46	24.30	25.50
100		1	1	24.32	24.69	24.68	24.70	26.00
100		1	137	24.60	24.91	24.73	24.68	26.00
100		1	271	24.26	24.86	24.58	24.43	26.00
100	QPSK	135	0	23.58	23.80	23.75	23.82	25.00
100		135	69	24.79	25.03	24.80	24.82	26.00
100		135	138	23.61	24.03	23.86	23.85	25.00
100		270	0	23.43	23.96	24.00	23.93	25.00
100	16QAM	1	1	23.59	23.90	23.84	23.87	25.00
100	64QAM	1	1	21.72	21.99	21.85	21.74	23.50
100	256QAM	1	1	19.52	19.87	19.67	19.82	21.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.83	24.86	24.99	24.95	26.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	24.92	24.87	24.95	24.90	26.00
Channel				649000	655168	661334	663003	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.95	24.87	25.07	24.89	26.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	24.83	24.78	25.01	24.95	26.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	24.91	24.81	25.09	24.83	26.00
Channel				648000	654668	661334	664003	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.87	24.88	25.07	25.04	26.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.95	24.89	25.01	24.94	26.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.92	24.84	25.02	24.99	26.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.95	24.85	25.04	24.94	26.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.86	24.85	24.98	24.89	26.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.83	24.83	24.95	24.82	26.00

<FR1 n78 (27Q)_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		24.34		25.00
100		1	137		24.20		25.00
100		1	271		24.33		25.00
100	PI/2 BPSK	135	0		24.06		25.00
100		135	69		24.20		25.00
100		135	138		24.15		25.00
100		270	0		24.23		25.00
100		1	1		24.04		25.00
100		1	137		24.30		25.00
100		1	271		24.30		25.00
100	QPSK	135	0		24.23		25.00
100		135	69		24.29		25.00
100		135	138		24.26		25.00
100		270	0		24.30		25.00
100	16QAM	1	1		24.32		25.00
100	64QAM	1	1		23.89		25.00
100	256QAM	1	1		22.39		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.28	24.31	24.28	25.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.20	24.24	24.20	25.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.25	24.21	24.22	25.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.13	24.20	24.15	25.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.25	24.27	24.15	25.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.21	24.22	24.15	25.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.26	24.16	24.23	25.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.16	24.30	24.22	25.00
Channel				630667	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.23	24.28	24.15	25.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.25	24.20	24.12	25.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.24	24.17	24.14	25.00

<FR1 n78 (27Q)_HPUE_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	Pi/2 BPSK	1	1		24.77		26.00
100		1	137		24.53		26.00
100		1	271		24.65		26.00
100		135	0		24.20		25.50
100		135	69		24.76		26.00
100		135	138		24.34		25.50
100		270	0		24.32		25.50
100	QPSK	1	1		24.42		26.00
100		1	137		24.57		26.00
100		1	271		24.45		26.00
100		135	0		23.77		25.00
100		135	69		24.71		26.00
100		135	138		23.82		25.00
100		270	0		23.62		25.00
100	16QAM	1	1		23.83		25.00
100	64QAM	1	1		21.94		23.50
100	256QAM	1	1		19.57		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.99	
90	Pi/2 BPSK	1	1	24.62	24.71	24.68	26.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	24.52	24.58	24.57	26.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	24.50	24.62	24.57	26.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	24.58	24.57	24.64	26.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	24.60	24.60	24.57	26.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	24.58	24.58	24.62	26.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	24.57	24.67	24.63	26.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	24.61	24.57	24.53	26.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	24.61	24.67	24.53	26.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	24.56	24.65	24.58	26.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	24.56	24.59	24.62	26.00

<FR1 n78 (27O)_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	Pi/2 BPSK	1	1		24.51		25.00
100		1	137		24.40		25.00
100		1	271		24.50		25.00
100		135	0		24.33		25.00
100		135	69		24.46		25.00
100		135	138		24.32		25.00
100		270	0		24.44		25.00
100	QPSK	1	1		24.37		25.00
100		1	137		24.44		25.00
100		1	271		24.48		25.00
100		135	0		24.49		25.00
100		135	69		24.36		25.00
100		135	138		24.40		25.00
100		270	0		24.36		25.00
100	16QAM	1	1		24.48		25.00
100	64QAM	1	1		24.14		25.00
100	256QAM	1	1		22.59		24.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	24.42	24.48	24.44	25.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	24.30	24.37	24.40	25.00
Channel				649002	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	24.36	24.41	24.30	25.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	24.30	24.34	24.42	25.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	24.31	24.42	24.30	25.00
Channel				648002	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	24.32	24.34	24.31	25.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	24.34	24.44	24.43	25.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	24.30	24.42	24.39	25.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	24.30	24.35	24.35	25.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	24.33	24.45	24.40	25.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	24.38	24.37	24.33	25.00

<FR1 n78 (27O)_HPUE_Ant 8_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.96		26.00
100		1	137		24.77		26.00
100		1	271		24.65		26.00
100		135	0		24.27		25.50
100		135	69		24.83		26.00
100		135	138		24.31		25.50
100		270	0		24.42		25.50
100	QPSK	1	1		24.70		26.00
100		1	137		24.75		26.00
100		1	271		24.73		26.00
100		135	0		23.95		25.00
100		135	69		24.94		26.00
100		135	138		23.82		25.00
100		270	0		24.00		25.00
100	16QAM	1	1		23.75		25.00
100	64QAM	1	1		22.04		23.50
100	256QAM	1	1		19.56		21.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.91	24.95	24.86	26.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.79	24.86	24.75	26.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.87	24.84	24.74	26.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.89	24.91	24.74	26.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.90	24.80	24.74	26.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.79	24.84	24.85	26.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	24.81	24.91	24.73	26.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.78	24.91	24.74	26.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.85	24.94	24.73	26.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.84	24.86	24.82	26.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.77	24.88	24.75	26.00

<FR1 n2_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	Pi/2 BPSK	1	1	22.98	23.10	22.96	24.00
40		1	108	22.92	23.08	22.92	24.00
40		1	214	22.79	22.95	22.80	24.00
40		108	0	22.24	22.50	22.29	23.50
40		108	54	22.81	23.02	22.80	24.00
40		108	108	22.31	22.54	22.27	23.50
40		216	0	22.31	22.51	22.34	23.50
40	QPSK	1	1	22.70	22.96	22.71	24.00
40		1	108	22.80	23.04	22.78	24.00
40		1	214	22.72	22.97	22.71	24.00
40		108	0	21.84	22.00	21.83	23.00
40		108	54	22.80	23.01	22.80	24.00
40		108	108	21.85	22.04	21.78	23.00
40		216	0	21.76	22.01	21.77	23.00
40	16QAM	1	1	21.88	22.10	21.82	23.00
40	64QAM	1	1	20.98	20.27	20.13	21.50
40	256QAM	1	1	18.12	18.23	18.04	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	22.91	23.02	22.91	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	22.96	22.97	22.88	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	22.92	23.04	22.86	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	22.90	22.99	22.94	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	22.86	23.01	22.91	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	22.90	23.06	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	22.94	23.01	22.93	24.00

<FR1 n5_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	Pi/2 BPSK	1	1	23.06	23.10	23.09	24.00
20		1	53	22.96	23.06	22.95	24.00
20		1	104	22.93	23.05	22.95	24.00
20		50	0	22.39	22.52	22.37	23.50
20		50	28	22.92	23.05	23.00	24.00
20		50	56	22.36	22.47	22.33	23.50
20		100	0	22.38	22.55	22.51	23.50
20	QPSK	1	1	22.91	23.09	22.98	24.00
20		1	53	22.85	23.03	22.88	24.00
20		1	104	23.02	23.08	23.02	24.00
20		50	0	21.95	22.01	21.93	23.00
20		50	28	22.90	23.04	23.00	24.00
20		50	56	21.81	21.97	21.84	23.00
20		100	0	21.87	22.02	21.93	23.00
20	16QAM	1	1	22.15	22.22	22.14	23.00
20	64QAM	1	1	20.28	20.37	20.21	21.50
20	256QAM	1	1	18.32	18.38	18.33	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	Pi/2 BPSK	1	1	22.92	23.00	22.98	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	Pi/2 BPSK	1	1	22.96	23.00	22.98	24.00
Channel				165350	167300	169250	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	Pi/2 BPSK	1	1	23.02	23.01	23.08	24.00

<FR1 n12_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.05	23.13	23.11	24.00
15		1	40	22.93	23.03	22.93	24.00
15		1	77	22.90	23.03	22.87	24.00
15		36	0	22.34	22.53	22.49	23.50
15		36	22	22.82	22.99	22.83	24.00
15		36	43	22.42	22.56	22.47	23.50
15		75	0	22.46	22.56	22.43	23.50
15	QPSK	1	1	22.91	23.12	22.97	24.00
15		1	40	22.87	23.03	22.89	24.00
15		1	77	22.92	23.08	23.00	24.00
15		36	0	21.94	22.03	21.99	23.00
15		36	22	22.76	22.96	22.82	24.00
15		36	43	21.90	22.06	21.89	23.00
15		75	0	21.85	22.06	21.90	23.00
15	16QAM	1	1	22.06	22.27	22.13	23.00
15	64QAM	1	1	20.25	20.46	20.38	21.50
15	256QAM	1	1	18.41	18.53	18.37	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.00	23.08	23.07	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.90	23.02	23.05	24.00

<FR1 n13_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.15		24.00
10		1	26		23.07		24.00
10		1	50		23.06		24.00
10		25	0		22.53		23.50
10		25	14		23.07		24.00
10		25	27		22.61		23.50
10		50	0		22.56		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.07		24.00
10		1	50		23.08		24.00
10		25	0		22.01		23.00
10		25	14		23.05		24.00
10		25	27		22.09		23.00
10		50	0		22.05		23.00
10	16QAM	1	1		22.22		23.00
10	64QAM	1	1		20.38		21.50
10	256QAM	1	1		18.45		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.08	23.12	23.11	24.00

<FR1 n14_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	Pi/2 BPSK	1	1		23.15		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.60		23.50
10		25	14		23.07		24.00
10		25	27		22.54		23.50
10		50	0		22.59		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.09		23.00
10		25	14		23.08		24.00
10		25	27		22.04		23.00
10		50	0		22.06		23.00
10	16QAM	1	1		22.27		23.00
10	64QAM	1	1		20.48		21.50
10	256QAM	1	1		18.54		19.50
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	Pi/2 BPSK	1	1	23.08	23.10	23.01	24.00

<FR1 n25_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	22.90	23.05	22.95	24.00
40		1	108	22.72	23.01	22.87	24.00
40		1	214	22.76	22.94	22.75	24.00
40		108	0	22.24	22.51	22.40	23.50
40		108	54	22.82	23.00	22.78	24.00
40		108	108	22.33	22.49	22.29	23.50
40		216	0	22.25	22.49	22.34	23.50
40	QPSK	1	1	22.73	22.91	22.80	24.00
40		1	108	22.75	23.01	22.85	24.00
40		1	214	22.71	22.92	22.79	24.00
40		108	0	22.73	22.98	22.75	23.00
40		108	54	22.73	22.97	22.81	24.00
40		108	108	21.83	21.98	21.86	23.00
40		216	0	21.80	21.97	21.76	23.00
40	16QAM	1	1	21.77	22.06	21.83	23.00
40	64QAM	1	1	20.04	20.24	20.01	21.50
40	256QAM	1	1	17.98	18.21	18.00	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	22.82	22.98	22.83	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	22.81	22.93	22.83	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	22.76	22.98	22.83	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	22.77	23.03	22.83	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	22.80	22.99	22.89	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	22.77	22.97	22.93	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	22.85	22.92	22.88	24.00

<FR1 n26_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	23.13	23.15	23.11	24.00
20		1	53	23.03	23.10	22.99	24.00
20		1	104	22.99	23.08	23.01	24.00
20	Pi/2 BPSK	50	0	22.45	22.61	22.55	23.50
20		50	28	22.94	23.10	22.94	24.00
20		50	56	22.58	22.62	22.51	23.50
20		100	0	22.45	22.61	22.50	23.50
20		1	1	23.05	23.13	22.99	24.00
20		1	53	22.95	23.08	23.00	24.00
20		1	104	23.02	23.08	22.92	24.00
20	QPSK	50	0	22.02	22.11	21.97	23.00
20		50	28	22.93	23.07	22.91	24.00
20		50	56	21.93	22.09	21.99	23.00
20		100	0	22.02	22.12	22.04	23.00
20	16QAM	1	1	22.23	22.28	22.16	23.00
20	64QAM	1	1	20.40	20.43	20.26	21.50
20	256QAM	1	1	18.37	18.44	18.26	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	23.04	23.12	22.97	24.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	Pi/2 BPSK	1	1	23.00	23.11	22.97	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	23.09	23.13	22.99	24.00

<FR1 n66_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	22.90	23.10	22.92	24.00
45		1	120	22.72	23.06	22.76	24.00
45		1	240	22.71	22.96	22.85	24.00
45	Pi/2 BPSK	120	0	22.19	22.49	22.24	23.50
45		120	60	22.75	23.03	22.72	24.00
45		120	120	22.31	22.53	22.26	23.50
45		240	0	22.20	22.46	22.26	23.50
45		1	1	22.63	22.90	22.59	24.00
45		1	120	22.85	23.07	22.81	24.00
45		1	240	22.71	22.97	22.67	24.00
45	QPSK	120	0	21.78	22.01	21.81	23.00
45		120	60	22.78	23.06	22.77	24.00
45		120	120	21.80	22.04	21.72	23.00
45		240	0	21.74	21.96	21.72	23.00
45	16QAM	1	1	21.80	22.01	21.73	23.00
45	64QAM	1	1	19.96	20.17	19.98	21.50
45	256QAM	1	1	17.97	18.17	17.95	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	22.76	22.99	22.80	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	22.88	23.05	22.81	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	22.78	22.99	22.80	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	22.81	22.98	22.83	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	22.81	22.99	22.84	24.00
Channel				343523	349000	354523	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	22.80	23.04	22.78	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	22.81	23.03	22.80	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	22.82	23.00	22.88	24.00

<FR1 n70_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	Pi/2 BPSK	1	1		23.01		24.00
15		1	40		23.00		24.00
15		1	77		22.95		24.00
15		36	0		22.42		23.50
15		36	22		22.96		24.00
15		36	43		22.47		23.50
15		75	0		22.43		23.50
15	QPSK	1	1		22.94		24.00
15		1	40		22.99		24.00
15		1	77		22.96		24.00
15		36	0		21.93		23.00
15		36	22		22.94		24.00
15		36	43		21.95		23.00
15		75	0		21.93		23.00
15	16QAM	1	1		22.07		23.00
15	64QAM	1	1		20.23		21.50
15	256QAM	1	1		18.24		19.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	Pi/2 BPSK	1	1	22.93	23.00	22.95	24.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	Pi/2 BPSK	1	1	22.86	22.93	22.80	24.00

<FR1 n71_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	Pi/2 BPSK	1	1		23.12		24.00
35		1	90		23.04		24.00
35		1	186		23.05		24.00
35		90	0		22.58		23.50
35		90	45		23.10		24.00
35		90	90		22.59		23.50
35		180	0		22.59		23.50
35	QPSK	1	1		23.05		24.00
35		1	90		23.04		24.00
35		1	186		23.06		24.00
35		90	0		22.07		23.00
35		90	45		23.10		24.00
35		90	90		22.07		23.00
35		180	0		22.12		23.00
35	16QAM	1	1		22.19		23.00
35	64QAM	1	1		20.40		21.50
35	256QAM	1	1		18.41		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	Pi/2 BPSK	1	1	23.05	23.10	23.08	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	Pi/2 BPSK	1	1	22.99	22.98	23.01	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	Pi/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	Pi/2 BPSK	1	1	22.96	23.03	23.01	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	Pi/2 BPSK	1	1	22.96	23.07	23.01	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	Pi/2 BPSK	1	1	22.99	22.95	22.96	24.00

<GSM>

GSM850_Ant 0_ECI 2	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.20	32.42	32.26	33.50	23.20	23.42	23.26	24.50
GPRS 1 Tx slot	32.17	32.39	32.23	33.50	23.17	23.39	23.23	24.50
GPRS 2 Tx slots	31.18	31.39	31.27	32.50	25.18	25.39	25.27	26.50
GPRS 3 Tx slots	29.14	29.36	29.16	30.50	24.88	25.10	24.90	26.24
GPRS 4 Tx slots	28.03	28.08	27.81	29.50	25.03	25.08	24.81	26.50
EDGE 1 Tx slot	27.28	27.29	27.21	28.50	18.28	18.29	18.21	19.50
EDGE 2 Tx slots	26.09	26.08	26.03	27.00	20.09	20.08	20.03	21.00
EDGE 3 Tx slots	23.97	23.82	23.78	25.00	19.71	19.56	19.52	20.74
EDGE 4 Tx slots	22.56	22.44	22.35	23.50	19.56	19.44	19.35	20.50

<GSM>

GSM1900_Ant 0_ECI 2	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.26	29.32	29.42	30.50	20.26	20.32	20.42	21.50
GPRS 1 Tx slot	29.24	29.28	29.40	30.50	20.24	20.28	20.40	21.50
GPRS 2 Tx slots	28.38	28.52	28.42	29.50	22.38	22.52	22.42	23.50
GPRS 3 Tx slots	26.50	26.50	26.57	27.50	22.24	22.24	22.31	23.24
GPRS 4 Tx slots	25.28	25.30	25.27	26.00	22.28	22.30	22.27	23.00
EDGE 1 Tx slot	26.44	26.40	26.46	27.50	17.44	17.40	17.46	18.50
EDGE 2 Tx slots	25.21	25.16	25.19	26.00	19.21	19.16	19.19	20.00
EDGE 3 Tx slots	22.92	22.92	22.86	24.00	18.66	18.66	18.60	19.74
EDGE 4 Tx slots	21.77	21.62	21.57	22.50	18.77	18.62	18.57	19.50

<WCDMA>

Band		WCDMA II_Ant 0_ECI 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.21	23.32	23.31	24.00
	RMC 12.2Kbps	23.25	23.36	23.34	24.00
3GPP Rel 6	HSDPA Subtest-1	22.07	22.25	22.20	23.00
	HSDPA Subtest-2	22.15	22.29	22.25	23.00
	HSDPA Subtest-3	21.60	21.81	21.74	22.50
	HSDPA Subtest-4	21.58	21.77	21.70	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.07	22.31	22.18	23.00
	DC-HSDPA Subtest-2	22.05	22.22	22.07	23.00
	DC-HSDPA Subtest-3	21.49	21.71	21.61	22.50
	DC-HSDPA Subtest-4	21.49	21.75	21.65	22.50
3GPP Rel 6	HSUPA Subtest-1	22.15	22.29	22.23	23.00
	HSUPA Subtest-2	20.03	20.25	20.14	21.00
	HSUPA Subtest-3	21.12	21.30	21.23	22.00
	HSUPA Subtest-4	20.05	20.28	20.25	21.00
	HSUPA Subtest-5	22.12	22.25	22.22	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.57	19.71	19.59	20.50

<WCDMA>

Band		WCDMA IV_Ant 0_ECI 2			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.14	23.10	24.00
	RMC 12.2Kbps	23.14	23.15	23.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.83	22.00	21.87	23.00
	HSDPA Subtest-2	21.90	22.06	22.00	23.00
	HSDPA Subtest-3	21.62	21.75	21.64	22.50
	HSDPA Subtest-4	21.54	21.57	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.97	22.09	22.03	23.00
	DC-HSDPA Subtest-2	21.94	22.04	21.91	23.00
	DC-HSDPA Subtest-3	21.48	21.64	21.50	22.50
	DC-HSDPA Subtest-4	21.50	21.61	21.47	22.50
3GPP Rel 6	HSUPA Subtest-1	22.14	22.24	22.07	23.00
	HSUPA Subtest-2	20.05	20.17	20.05	21.00
	HSUPA Subtest-3	20.99	21.15	21.08	22.00
	HSUPA Subtest-4	20.05	20.12	19.97	21.00
	HSUPA Subtest-5	21.90	22.04	21.96	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.38	19.49	19.33	20.50

<WCDMA>

Band		WCDMA V_Ant 0_ECI 2			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.32	23.15	24.00
	RMC 12.2Kbps	23.33	23.34	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.03	23.00
	HSDPA Subtest-2	22.23	22.33	22.12	23.00
	HSDPA Subtest-3	21.63	21.73	21.51	22.50
	HSDPA Subtest-4	21.73	21.77	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.10	22.25	22.06	23.00
	DC-HSDPA Subtest-2	22.16	22.26	21.97	23.00
	DC-HSDPA Subtest-3	21.60	21.65	21.45	22.50
	DC-HSDPA Subtest-4	21.72	21.75	21.51	22.50
3GPP Rel 6	HSUPA Subtest-1	22.10	22.19	21.90	23.00
	HSUPA Subtest-2	20.13	20.19	19.94	21.00
	HSUPA Subtest-3	21.32	21.37	21.08	22.00
	HSUPA Subtest-4	20.32	20.38	20.16	21.00
	HSUPA Subtest-5	22.18	22.21	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.79	19.49	20.50

<LTE Band 7_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.66	22.68	22.58	24.00
20		1	49	22.50	22.61	22.47	24.00
20		1	99	22.33	22.49	22.30	24.00
20		50	0	21.50	21.66	21.44	23.00
20		50	24	21.59	21.64	21.53	23.00
20		50	50	21.52	21.57	21.37	23.00
20		100	0	21.46	21.62	21.43	23.00
20	16QAM	1	0	21.92	22.00	21.76	23.00
20		1	49	21.85	21.91	21.66	23.00
20		1	99	21.75	21.82	21.70	23.00
20		50	0	20.61	20.65	20.44	22.00
20		50	24	20.56	20.67	20.48	22.00
20		50	50	20.59	20.67	20.56	22.00
20		100	0	20.64	20.70	20.51	22.00
20	64QAM	1	0	20.80	20.89	20.72	22.00
20		1	49	20.82	20.86	20.66	22.00
20		1	99	20.78	20.82	20.60	22.00
20		50	0	19.60	19.73	19.50	21.00
20		50	24	19.64	19.72	19.51	21.00
20		50	50	19.53	19.68	19.58	21.00
20		100	0	19.62	19.70	19.49	21.00
20	256QAM	1	0	17.67	17.77	17.63	19.00
20		1	49	17.66	17.80	17.65	19.00
20		1	99	17.65	17.73	17.54	19.00
20		50	0	17.55	17.69	17.59	19.00
20		50	24	17.59	17.70	17.48	19.00
20		50	50	17.57	17.67	17.54	19.00
20		100	0	17.64	17.70	17.53	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	22.52	22.57	22.54	24.00
15		1	37	22.36	22.48	22.42	24.00
15		1	74	22.23	22.46	22.16	24.00
15		36	0	21.45	21.56	21.34	23.00
15		36	20	21.53	21.50	21.47	23.00
15		36	39	21.42	21.50	21.32	23.00
15		75	0	21.36	21.57	21.41	23.00
15	16QAM	1	0	21.84	21.92	21.67	23.00
15		1	37	21.76	21.86	21.61	23.00
15		1	74	21.70	21.69	21.67	23.00
15		36	0	20.54	20.57	20.38	22.00
15		36	20	20.45	20.63	20.41	22.00
15		36	39	20.47	20.63	20.41	22.00
15		75	0	20.61	20.67	20.42	22.00
15	64QAM	1	0	20.67	20.85	20.62	22.00
15		1	37	20.70	20.81	20.57	22.00
15		1	74	20.68	20.77	20.55	22.00
15		36	0	19.56	19.63	19.43	21.00
15		36	20	19.50	19.62	19.46	21.00
15		36	39	19.48	19.60	19.47	21.00
15		75	0	19.59	19.65	19.38	21.00
15	256QAM	1	0	17.65	17.65	17.61	19.00
15		1	37	17.54	17.71	17.62	19.00
15		1	74	17.51	17.59	17.53	19.00
15		36	0	17.53	17.57	17.46	19.00
15		36	20	17.46	17.67	17.41	19.00
15		36	39	17.45	17.62	17.49	19.00
15		75	0	17.54	17.61	17.47	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.62	22.64	22.56	24.00
10		1	25	22.45	22.50	22.45	24.00
10		1	49	22.26	22.35	22.29	24.00
10		25	0	21.46	21.55	21.34	23.00
10		25	12	21.46	21.59	21.45	23.00
10		25	25	21.40	21.50	21.23	23.00
10		50	0	21.36	21.53	21.37	23.00
10	16QAM	1	0	21.83	21.85	21.64	23.00
10		1	25	21.74	21.83	21.58	23.00
10		1	49	21.70	21.75	21.66	23.00
10		25	0	20.55	20.61	20.41	22.00
10		25	12	20.53	20.54	20.34	22.00
10		25	25	20.56	20.53	20.53	22.00
10		50	0	20.49	20.65	20.46	22.00
10	64QAM	1	0	20.68	20.78	20.64	22.00
10		1	25	20.76	20.84	20.53	22.00
10		1	49	20.70	20.81	20.54	22.00
10		25	0	19.55	19.69	19.40	21.00
10		25	12	19.55	19.66	19.47	21.00
10		25	25	19.51	19.66	19.47	21.00
10		50	0	19.56	19.67	19.40	21.00
10	256QAM	1	0	17.60	17.62	17.56	19.00
10		1	25	17.52	17.77	17.64	19.00
10		1	49	17.62	17.63	17.41	19.00
10		25	0	17.52	17.56	17.46	19.00
10		25	12	17.54	17.59	17.36	19.00
10		25	25	17.55	17.63	17.51	19.00
10		50	0	17.57	17.57	17.44	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.57	22.55	22.45	24.00
5		1	12	22.41	22.52	22.39	24.00
5		1	24	22.19	22.45	22.29	24.00
5		12	0	21.39	21.55	21.39	23.00
5		12	7	21.50	21.59	21.41	23.00
5		12	13	21.45	21.55	21.27	23.00
5		25	0	21.42	21.50	21.29	23.00
5	16QAM	1	0	21.84	21.97	21.67	23.00
5		1	12	21.80	21.76	21.55	23.00
5		1	24	21.61	21.80	21.66	23.00
5		12	0	20.58	20.62	20.29	22.00
5		12	7	20.45	20.63	20.45	22.00
5		12	13	20.47	20.58	20.46	22.00
5		25	0	20.60	20.64	20.47	22.00
5	64QAM	1	0	20.77	20.78	20.63	22.00
5		1	12	20.74	20.79	20.57	22.00
5		1	24	20.64	20.81	20.57	22.00
5		12	0	19.59	19.68	19.43	21.00
5		12	7	19.61	19.58	19.37	21.00
5		12	13	19.42	19.56	19.52	21.00
5		25	0	19.48	19.58	19.41	21.00
5	256QAM	1	0	17.65	17.73	17.59	19.00
5		1	12	17.58	17.75	17.55	19.00
5		1	24	17.54	17.69	17.44	19.00
5		12	0	17.45	17.65	17.55	19.00
5		12	7	17.53	17.57	17.33	19.00
5		12	13	17.55	17.52	17.46	19.00
5		25	0	17.62	17.56	17.43	19.00

<LTE Band 30_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		22.68		24.00
10		1	25		22.51		24.00
10		1	49		22.67		24.00
10		25	0		21.64		23.00
10		25	12		21.58		23.00
10		25	25		21.63		23.00
10		50	0		21.66		23.00
10	16QAM	1	0		21.96		23.00
10		1	25		21.81		23.00
10		1	49		21.93		23.00
10		25	0		20.65		22.00
10		25	12		20.59		22.00
10		25	25		20.61		22.00
10		50	0		20.63		22.00
10	64QAM	1	0		20.86		22.00
10		1	25		20.82		22.00
10		1	49		20.91		22.00
10		25	0		19.65		21.00
10		25	12		19.64		21.00
10		25	25		19.62		21.00
10		50	0		19.66		21.00
10	256QAM	1	0		17.85		19.00
10		1	25		17.75		19.00
10		1	49		17.71		19.00
10		25	0		17.70		19.00
10		25	12		17.66		19.00
10		25	25		17.60		19.00
10		50	0		17.65		19.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.58	22.65	22.57	24.00
5		1	12	22.34	22.52	22.43	24.00
5		1	24	22.49	22.65	22.43	24.00
5		12	0	21.47	21.64	21.43	23.00
5		12	7	21.43	21.58	21.44	23.00
5		12	13	21.55	21.63	21.45	23.00
5		25	0	21.45	21.56	21.42	23.00
5	16QAM	1	0	21.72	21.85	21.75	23.00
5		1	12	21.69	21.84	21.66	23.00
5		1	24	21.83	21.96	21.82	23.00
5		12	0	20.47	20.57	20.44	22.00
5		12	7	20.42	20.60	20.46	22.00
5		12	13	20.58	20.68	20.54	22.00
5		25	0	20.36	20.51	20.31	22.00
5	64QAM	1	0	20.72	20.88	20.78	22.00
5		1	12	20.67	20.79	20.69	22.00
5		1	24	20.72	20.91	20.77	22.00
5		12	0	19.53	19.63	19.42	21.00
5		12	7	19.50	19.59	19.39	21.00
5		12	13	19.51	19.66	19.44	21.00
5		25	0	19.55	19.66	19.51	21.00
5	256QAM	1	0	17.78	17.85	17.71	19.00
5		1	12	17.57	17.64	17.49	19.00
5		1	24	17.60	17.69	17.49	19.00
5		12	0	17.59	17.72	17.63	19.00
5		12	7	17.46	17.57	17.43	19.00
5		12	13	17.48	17.63	17.47	19.00
5		25	0	17.48	17.60	17.49	19.00

<LTE Band 38_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2680	2695	2610	
20	QPSK	1	0	22.74	22.88	22.85	24.00
20		1	49	22.56	22.75	22.58	24.00
20		1	99	22.45	22.68	22.59	24.00
20		50	0	21.49	21.70	21.56	23.00
20		50	24	21.43	21.69	21.65	23.00
20		50	50	21.42	21.66	21.58	23.00
20		100	0	21.51	21.66	21.51	23.00
20	16QAM	1	0	21.58	21.76	21.64	23.00
20		1	49	21.51	21.73	21.60	23.00
20		1	99	21.47	21.63	21.55	23.00
20		50	0	20.56	20.76	20.60	22.00
20		50	24	20.51	20.72	20.59	22.00
20		50	50	20.44	20.70	20.61	22.00
20		100	0	20.54	20.74	20.65	22.00
20	64QAM	1	0	20.25	20.44	20.30	22.00
20		1	49	20.24	20.40	20.30	22.00
20		1	99	20.10	20.32	20.27	22.00
20		50	0	19.56	19.81	19.74	21.00
20		50	24	19.57	19.77	19.71	21.00
20		50	50	19.50	19.74	19.62	21.00
20		100	0	19.51	19.74	19.58	21.00
20	256QAM	1	0	17.36	17.59	17.55	19.00
20		1	49	17.36	17.56	17.51	19.00
20		1	99	17.38	17.50	17.35	19.00
20		50	0	17.66	17.84	17.80	19.00
20		50	24	17.55	17.80	17.73	19.00
20		50	50	17.58	17.79	17.70	19.00
20		100	0	17.52	17.72	17.64	19.00
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2677.5	2695	2712.5	
15	QPSK	1	0	22.68	22.80	22.75	24.00
15		1	37	22.45	22.64	22.55	24.00
15		1	74	22.35	22.59	22.56	24.00
15		36	0	21.42	21.58	21.47	23.00
15		36	20	21.40	21.63	21.61	23.00
15		36	39	21.37	21.57	21.48	23.00
15		75	0	21.44	21.62	21.38	23.00
15	16QAM	1	0	21.49	21.71	21.54	23.00
15		1	37	21.38	21.67	21.56	23.00
15		1	74	21.37	21.54	21.43	23.00
15		36	0	20.47	20.71	20.56	22.00
15		36	20	20.42	20.63	20.56	22.00
15		36	39	20.37	20.63	20.49	22.00
15		75	0	20.44	20.60	20.50	22.00
15	64QAM	1	0	20.12	20.35	20.20	22.00
15		1	37	20.22	20.29	20.19	22.00
15		1	74	20.00	20.25	20.18	22.00
15		36	0	19.48	19.69	19.60	21.00
15		36	20	19.54	19.64	19.64	21.00
15		36	39	19.37	19.65	19.47	21.00
15		75	0	19.42	19.72	19.46	21.00
15	256QAM	1	0	17.30	17.53	17.43	19.00
15		1	37	17.34	17.43	17.45	19.00
15		1	74	17.25	17.35	17.28	19.00
15		36	0	17.59	17.74	17.69	19.00
15		36	20	17.50	17.73	17.69	19.00
15		36	39	17.46	17.77	17.59	19.00
15		75	0	17.51	17.69	17.61	19.00
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.69	22.80	22.74	24.00
10		1	25	22.44	22.68	22.52	24.00
10		1	49	22.33	22.59	22.56	24.00
10		25	0	21.44	21.66	21.46	23.00
10		25	12	21.40	21.56	21.62	23.00
10		25	25	21.33	21.63	21.44	23.00
10		50	0	21.36	21.55	21.44	23.00
10	16QAM	1	0	21.55	21.66	21.59	23.00
10		1	25	21.40	21.66	21.53	23.00
10		1	49	21.42	21.61	21.41	23.00
10		25	0	20.54	20.74	20.53	22.00
10		25	12	20.40	20.62	20.54	22.00
10		25	25	20.30	20.66	20.48	22.00
10		50	0	20.52	20.71	20.56	22.00
10	64QAM	1	0	20.14	20.31	20.18	22.00
10		1	25	20.10	20.29	20.18	22.00
10		1	49	20.01	20.30	20.18	22.00
10		25	0	19.51	19.71	19.62	21.00
10		25	12	19.49	19.72	19.68	21.00
10		25	25	19.47	19.64	19.52	21.00
10		50	0	19.46	19.66	19.51	21.00
10	256QAM	1	0	17.29	17.56	17.41	19.00
10		1	25	17.32	17.44	17.43	19.00
10		1	49	17.30	17.45	17.24	19.00
10		25	0	17.58	17.71	17.75	19.00
10		25	12	17.54	17.67	17.60	19.00
10		25	25	17.54	17.70	17.66	19.00
10		50	0	17.50	17.65	17.60	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2695	2817.5	
5	QPSK	1	0	22.59	22.80	22.77	24.00
5		1	12	22.47	22.72	22.49	24.00
5		1	24	22.40	22.57	22.47	24.00
5		12	0	21.43	21.64	21.44	23.00
5		12	7	21.29	21.64	21.55	23.00
5		12	13	21.33	21.52	21.53	23.00
5		25	0	21.38	21.63	21.49	23.00
5	16QAM	1	0	21.51	21.63	21.60	23.00
5		1	12	21.49	21.71	21.50	23.00
5		1	24	21.33	21.59	21.41	23.00
5		12	0	20.47	20.65	20.53	22.00
5		12	7	20.49	20.65	20.46	22.00
5		12	13	20.37	20.61	20.47	22.00
5		25	0	20.44	20.60	20.60	22.00
5	64QAM	1	0	20.17	20.29	20.28	22.00
5		1	12	20.20	20.34	20.25	22.00
5		1	24	20.02	20.23	20.21	22.00
5		12	0	19.51	19.71	19.68	21.00
5		12	7	19.47	19.66	19.60	21.00
5		12	13	19.36	19.66	19.57	21.00
5		25	0	19.50	19.66	19.53	21.00
5	256QAM	1	0	17.31	17.52	17.51	19.00
5		1	12	17.32	17.43	17.50	19.00
5		1	24	17.23	17.39	17.27	19.00
5		12	0	17.51	17.83	17.73	19.00
5		12	7	17.40	17.68	17.70	19.00
5		12	13	17.49	17.69	17.68	19.00
5		25	0	17.45	17.61	17.56	19.00

<LTE Band 41_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.42	22.53	22.65	22.52	22.64	24.00
20		1	49	22.24	22.44	22.58	22.37	22.51	24.00
20		1	99	22.14	22.32	22.48	22.23	22.34	24.00
20		50	0	21.38	21.40	21.51	21.45	21.46	23.00
20		50	24	21.20	21.22	21.48	21.29	21.41	23.00
20		50	50	21.23	21.28	21.46	21.27	21.43	23.00
20		100	0	21.15	21.32	21.46	21.29	21.36	23.00
20	16QAM	1	0	21.31	21.32	21.55	21.31	21.41	23.00
20		1	49	21.25	21.39	21.54	21.38	21.47	23.00
20		1	99	21.19	21.34	21.47	21.23	21.44	23.00
20		50	0	20.29	20.39	20.56	20.39	20.48	22.00
20		50	24	20.15	20.27	20.50	20.30	20.35	22.00
20		50	50	20.28	20.32	20.50	20.28	20.40	22.00
20		100	0	20.25	20.36	20.54	20.39	20.46	22.00
20	64QAM	1	0	19.95	20.00	20.21	20.05	20.05	21.00
20		1	49	19.87	20.02	20.17	19.91	20.10	21.00
20		1	99	19.77	19.89	20.10	19.93	20.07	21.00
20		50	0	19.37	19.47	19.61	19.47	19.55	21.00
20		50	24	19.26	19.45	19.57	19.33	19.45	21.00
20		50	50	19.23	19.43	19.56	19.32	19.50	21.00
20		100	0	19.31	19.31	19.54	19.39	19.43	21.00
20	256QAM	1	0	17.15	17.14	17.38	17.20	17.31	19.00
20		1	49	17.08	17.26	17.37	17.18	17.33	19.00
20		1	99	17.00	17.10	17.31	17.15	17.21	19.00
20		50	0	17.37	17.51	17.61	17.37	17.57	19.00
20		50	24	17.31	17.40	17.55	17.35	17.42	19.00
20		50	50	17.31	17.47	17.58	17.42	17.56	19.00
20		100	0	17.34	17.29	17.53	17.37	17.51	19.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.28	22.48	22.53	22.39	22.58	24.00
15		1	37	22.11	22.33	22.52	22.35	22.37	24.00
15		1	74	22.00	22.25	22.38	22.13	22.27	24.00
15		36	0	21.04	21.20	21.39	21.19	21.38	23.00
15		36	20	21.16	21.11	21.39	21.28	21.30	23.00
15		36	39	21.10	21.19	21.38	21.19	21.39	23.00
15		75	0	21.07	21.22	21.37	21.28	21.33	23.00
15	16QAM	1	0	21.27	21.28	21.42	21.22	21.37	23.00
15		1	37	21.24	21.35	21.47	21.24	21.40	23.00
15		1	74	21.06	21.24	21.45	21.11	21.36	23.00
15		36	0	20.27	20.29	20.51	20.30	20.37	22.00
15		36	20	20.01	20.24	20.39	20.21	20.24	22.00
15		36	39	20.24	20.20	20.48	20.19	20.32	22.00
15		75	0	20.11	20.31	20.47	20.25	20.31	22.00
15	64QAM	1	0	19.83	19.98	20.14	19.92	20.00	21.00
15		1	37	19.76	19.90	20.03	19.83	20.09	21.00
15		1	74	19.74	19.88	19.97	19.87	20.04	21.00
15		36	0	19.31	19.43	19.58	19.41	19.43	21.00
15		36	20	19.24	19.43	19.56	19.24	19.44	21.00
15		36	39	19.09	19.35	19.54	19.17	19.38	21.00
15		75	0	19.27	19.21	19.40	19.36	19.31	21.00
15	256QAM	1	0	17.08	17.08	17.23	17.05	17.17	19.00
15		1	37	17.05	17.21	17.25	17.15	17.25	19.00
15		1	74	17.00	17.01	17.27	17.10	17.11	19.00
15		36	0	17.23	17.42	17.55	17.32	17.44	19.00
15		36	20	17.26	17.26	17.46	17.32	17.28	19.00
15		36	39	17.26	17.40	17.43	17.37	17.41	19.00
15		75	0	17.21	17.26	17.38	17.34	17.49	19.00
Channel				39700	40180	40620	41060	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.50	22.61	22.49	22.57	24.00
10		1	25	22.18	22.35	22.50	22.31	22.49	24.00
10		1	49	22.07	22.18	22.42	22.19	22.26	24.00
10		25	0	21.14	21.28	21.36	21.23	21.35	23.00
10		25	12	21.07	21.13	21.37	21.17	21.30	23.00
10		25	25	21.19	21.24	21.38	21.12	21.30	23.00
10		50	0	21.12	21.23	21.36	21.26	21.32	23.00
10	16QAM	1	0	21.22	21.20	21.53	21.25	21.33	23.00
10		1	25	21.13	21.36	21.41	21.29	21.41	23.00
10		1	49	21.14	21.29	21.40	21.08	21.37	23.00
10		25	0	20.20	20.36	20.52	20.26	20.46	22.00
10		25	12	20.01	20.12	20.36	20.18	20.32	22.00
10		25	25	20.17	20.25	20.46	20.26	20.34	22.00
10		50	0	20.24	20.26	20.46	20.26	20.43	22.00
10	64QAM	1	0	19.90	19.88	20.14	19.96	19.94	21.00
10		1	25	19.80	19.91	20.08	19.89	20.00	21.00
10		1	49	19.65	19.87	19.98	19.89	20.02	21.00
10		25	0	19.25	19.37	19.47	19.44	19.44	21.00
10		25	12	19.24	19.43	19.51	19.25	19.33	21.00
10		25	25	19.16	19.32	19.52	19.24	19.38	21.00
10		50	0	19.28	19.17	19.49	19.29	19.40	21.00
10	256QAM	1	0	17.13	17.02	17.29	17.18	17.27	19.00
10		1	25	17.06	17.21	17.26	17.10	17.22	19.00
10		1	49	17.00	17.04	17.19	17.09	17.07	19.00
10		25	0	17.22	17.46	17.46	17.24	17.52	19.00
10		25	12	17.20	17.31	17.45	17.28	17.32	19.00
10		25	25	17.20	17.36	17.45	17.41	17.42	19.00
10		50	0	17.21	17.23	17.52	17.26	17.41	19.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.34	22.46	22.54	22.43	22.61	24.00
5		1	12	22.18	22.31	22.50	22.32	22.43	24.00
5		1	24	22.05	22.26	22.42	22.22	22.30	24.00
5		12	0	21.12	21.25	21.43	21.10	21.38	23.00
5		12	7	21.13	21.09	21.45	21.20	21.27	23.00
5		12	13	21.10	21.24	21.42	21.20	21.40	23.00
5		25	0	21.10	21.27	21.35	21.20	21.29	23.00
5	16QAM	1	0	21.21	21.31	21.49	21.28	21.33	23.00
5		1	12	21.19	21.32	21.50	21.28	21.32	23.00
5		1	24	21.15	21.27	21.43	21.18	21.42	23.00
5		12	0	20.15	20.37	20.49	20.29	20.35	22.00
5		12	7	20.04	20.20	20.40	20.21	20.30	22.00
5		12	13	20.17	20.26	20.35	20.21	20.28	22.00
5		25	0	20.14	20.26	20.48	20.20	20.33	22.00
5	64QAM	1	0	19.81	19.90	20.11	20.01	19.92	21.00
5		1	12	19.79	19.96	20.04	19.78	19.96	21.00
5		1	24	19.69	19.75	20.08	19.83	20.03	21.00
5		12	0	19.26	19.42	19.56	19.42	19.44	21.00
5		12	7	19.18	19.38	19.52	19.20	19.35	21.00
5		12	13	19.10	19.32	19.44	19.19	19.47	21.00
5		25	0	19.23	19.17	19.48	19.36	19.37	21.00
5	256QAM	1	0	17.07	17.08	17.28	17.12	17.27	19.00
5		1	12	17.06	17.22	17.32	17.14	17.24	19.00
5		1	24	17.01	17.04	17.25	17.06	17.17	19.00
5		12	0	17.30	17.48	17.52	17.29	17.44	19.00
5		12	7	17.16	17.28	17.46	17.22	17.37	19.00
5		12	13	17.28	17.32	17.56	17.34	17.51	19.00
5		25	0	17.20	17.20	17.46	17.29	17.44	19.00

<LTE Band 41_HPUE_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.34	25.41	25.50	25.40	25.48	27.00
20		1	49	25.13	25.21	25.42	25.26	25.38	27.00
20		1	99	25.04	25.16	25.32	25.17	25.15	27.00
20		50	0	24.21	24.35	24.46	24.22	24.41	26.00
20		50	24	24.20	24.25	24.45	24.29	24.32	26.00
20		50	50	24.19	24.27	24.41	24.30	24.30	26.00
20		100	0	24.22	24.25	24.42	24.23	24.38	26.00
20	16QAM	1	0	24.50	24.60	24.74	24.56	24.68	26.00
20		1	49	24.43	24.56	24.70	24.50	24.57	26.00
20		1	99	24.35	24.46	24.65	24.47	24.49	26.00
20		50	0	23.25	23.40	23.50	23.38	23.42	25.00
20		50	24	23.28	23.24	23.47	23.32	23.33	25.00
20		50	50	23.21	23.33	23.46	23.29	23.36	25.00
20		100	0	23.33	23.36	23.49	23.29	23.38	25.00
20	64QAM	1	0	23.18	23.27	23.47	23.35	23.44	25.00
20		1	49	23.18	23.26	23.45	23.31	23.33	25.00
20		1	99	23.14	23.23	23.37	23.25	23.23	25.00
20		50	0	22.35	22.49	22.59	22.45	22.48	24.00
20		50	24	22.37	22.40	22.53	22.31	22.42	24.00
20		50	50	22.33	22.41	22.53	22.39	22.42	24.00
20		100	0	22.23	22.38	22.48	22.33	22.32	24.00
20	256QAM	1	0	20.31	20.37	20.49	20.28	20.36	22.00
20		1	49	20.35	20.35	20.50	20.41	20.44	22.00
20		1	99	20.16	20.23	20.42	20.25	20.30	22.00
20		50	0	20.35	20.49	20.63	20.49	20.49	22.00
20		50	24	20.42	20.41	20.61	20.50	20.57	22.00
20		50	50	20.40	20.45	20.57	20.35	20.49	22.00
20		100	0	20.30	20.30	20.51	20.32	20.36	22.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.25	25.37	25.37	25.34	25.39	27.00
15		1	37	25.00	25.17	25.36	25.20	25.23	27.00
15		1	74	25.01	25.04	25.23	25.07	25.01	27.00
15		36	0	24.08	24.20	24.32	24.10	24.39	26.00
15		36	20	24.16	24.24	24.38	24.21	24.26	26.00
15		36	39	24.13	24.23	24.27	24.21	24.18	26.00
15		75	0	24.09	24.18	24.36	24.10	24.24	26.00
15	16QAM	1	0	24.37	24.55	24.61	24.52	24.56	26.00
15		1	37	24.35	24.54	24.62	24.44	24.54	26.00
15		1	74	24.25	24.38	24.61	24.33	24.43	26.00
15		36	0	23.23	23.39	23.37	23.37	23.39	25.00
15		36	20	23.15	23.12	23.40	23.21	23.22	25.00
15		36	39	23.07	23.18	23.32	23.23	23.28	25.00
15		75	0	23.28	23.24	23.45	23.24	23.35	25.00
15	64QAM	1	0	23.13	23.24	23.45	23.28	23.31	25.00
15		1	37	23.03	23.13	23.44	23.19	23.31	25.00
15		1	74	23.11	23.11	23.32	23.10	23.12	25.00
15		36	0	22.29	22.48	22.50	22.31	22.46	24.00
15		36	20	22.27	22.29	22.49	22.27	22.35	24.00
15		36	39	22.25	22.26	22.39	22.36	22.36	24.00
15		75	0	22.10	22.27	22.36	22.28	22.24	24.00
15	256QAM	1	0	20.21	20.32	20.40	20.19	20.35	22.00
15		1	37	20.29	20.32	20.39	20.32	20.29	22.00
15		1	74	20.01	20.18	20.30	20.11	20.25	22.00
15		36	0	20.33	20.42	20.58	20.40	20.41	22.00
15		36	20	20.40	20.39	20.46	20.38	20.53	22.00
15		36	39	20.28	20.32	20.51	20.31	20.36	22.00
15		75	0	20.17	20.26	20.40	20.26	20.32	22.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.23	25.37	25.49	25.38	25.46	27.00
10		1	25	25.09	25.15	25.36	25.12	25.23	27.00
10		1	49	25.00	25.13	25.29	25.14	25.07	27.00
10		25	0	24.11	24.30	24.33	24.16	24.32	26.00
10		25	12	24.06	24.14	24.40	24.23	24.26	26.00
10		25	25	24.10	24.22	24.37	24.29	24.29	26.00
10		50	0	24.14	24.13	24.33	24.11	24.34	26.00
10	16QAM	1	0	24.44	24.58	24.72	24.45	24.66	26.00
10		1	25	24.29	24.46	24.66	24.42	24.47	26.00
10		1	49	24.23	24.36	24.63	24.45	24.45	26.00
10		25	0	23.24	23.30	23.47	23.37	23.30	25.00
10		25	12	23.26	23.19	23.33	23.17	23.27	25.00
10		25	25	23.18	23.22	23.40	23.14	23.35	25.00
10		50	0	23.28	23.21	23.39	23.18	23.24	25.00
10	64QAM	1	0	23.12	23.12	23.44	23.28	23.34	25.00
10		1	25	23.06	23.21	23.32	23.26	23.22	25.00
10		1	49	23.00	23.09	23.36	23.22	23.16	25.00
10		25	0	22.27	22.38	22.50	22.31	22.44	24.00
10		25	12	22.32	22.29	22.47	22.25	22.36	24.00
10		25	25	22.26	22.30	22.42	22.32	22.38	24.00
10		50	0	22.12	22.34	22.34	22.25	22.19	24.00
10	256QAM	1	0	20.28	20.33	20.41	20.23	20.29	22.00
10		1	25	20.23	20.28	20.48	20.35	20.33	22.00
10		1	49	20.03	20.16	20.40	20.19	20.20	22.00
10		25	0	20.30	20.44	20.56	20.35	20.40	22.00
10		25	12	20.28	20.26	20.58	20.38	20.50	22.00
10		25	25	20.30	20.31	20.52	20.30	20.45	22.00
10		50	0	20.26	20.22	20.41	20.22	20.22	22.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.22	25.28	25.36	25.26	25.34	27.00
5		1	12	25.05	25.12	25.35	25.12	25.34	27.00
5		1	24	25.00	25.11	25.23	25.14	25.02	27.00
5		12	0	24.11	24.28	24.33	24.18	24.33	26.00
5		12	7	24.14	24.10	24.36	24.26	24.25	26.00
5		12	13	24.06	24.15	24.29	24.18	24.16	26.00
5		25	0	24.07	24.22	24.39	24.20	24.28	26.00
5	16QAM	1	0	24.49	24.55	24.64	24.47	24.54	26.00
5		1	12	24.40	24.47	24.63	24.41	24.48	26.00
5		1	24	24.22	24.34	24.53	24.38	24.44	26.00
5		12	0	23.18	23.26	23.47	23.31	23.32	25.00
5		12	7	23.17	23.19	23.44	23.29	23.31	25.00
5		12	13	23.08	23.28	23.37	23.26	23.23	25.00
5		25	0	23.19	23.27	23.42	23.20	23.24	25.00
5	64QAM	1	0	23.17	23.16	23.36	23.29	23.30	25.00
5		1	12	23.14	23.22	23.37	23.25	23.18	25.00
5		1	24	23.08	23.11	23.27	23.15	23.12	25.00
5		12	0	22.31	22.38	22.46	22.38	22.46	24.00
5		12	7	22.26	22.32	22.49	22.19	22.27	24.00
5		12	13	22.26	22.37	22.38	22.34	22.38	24.00
5		25	0	22.15	22.24	22.33	22.18	22.31	24.00
5	256QAM	1	0	20.26	20.27	20.35	20.21	20.26	22.00
5		1	12	20.33	20.22	20.35	20.35	20.38	22.00
5		1	24	20.04	20.15	20.38	20.24	20.19	22.00
5		12	0	20.25	20.42	20.51	20.43	20.37	22.00
5		12	7	20.37	20.34	20.58	20.40	20.43	22.00
5		12	13	20.29	20.34	20.53	20.23	20.43	22.00
5		25	0	20.21	20.17	20.48	20.29	20.29	22.00

<LTE Band 2_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.43	18.48	18.01	19.40
20		1	49	18.16	18.14	17.74	19.40
20		1	99	18.27	18.44	17.87	19.40
20		50	0	18.24	18.33	18.17	19.40
20		50	24	17.95	18.28	17.81	19.40
20		50	50	18.01	18.25	17.82	19.40
20		100	0	18.26	18.42	17.95	19.40
20	16QAM	1	0	18.24	18.36	17.91	19.40
20		1	49	18.18	18.19	17.90	19.40
20		1	99	18.07	18.18	17.75	19.40
20		50	0	18.02	18.15	17.71	19.40
20		50	24	18.11	18.33	17.87	19.40
20		50	50	18.33	18.28	17.79	19.40
20		100	0	18.28	18.26	17.70	19.40
20	64QAM	1	0	18.14	18.47	17.88	19.40
20		1	49	18.04	18.32	17.82	19.40
20		1	99	18.28	18.17	17.85	19.40
20		50	0	18.28	18.26	17.89	19.40
20		50	24	18.29	18.35	17.83	19.40
20		50	50	18.02	18.41	18.03	19.40
20		100	0	18.09	18.24	17.84	19.40
20	256QAM	1	0	17.53	17.64	17.41	19.00
20		1	49	17.58	17.65	17.38	19.00
20		1	99	17.45	17.62	17.29	19.00
20		50	0	17.54	17.62	17.41	19.00
20		50	24	17.46	17.55	17.32	19.00
20		50	50	17.41	17.54	17.31	19.00
20		100	0	17.41	17.55	17.30	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.36	18.34	17.93	19.40
15		1	37	18.01	18.04	17.69	19.40
15		1	74	18.13	18.34	17.82	19.40
15		36	0	18.16	18.24	17.99	19.40
15		36	20	17.93	18.22	17.79	19.40
15		36	39	17.90	18.19	17.76	19.40
15		75	0	18.20	18.29	17.90	19.40
15	16QAM	1	0	18.16	18.24	17.89	19.40
15		1	37	18.06	18.10	17.80	19.40
15		1	74	17.94	18.03	17.70	19.40
15		36	0	17.94	18.14	17.65	19.40
15		36	20	18.09	18.26	17.82	19.40
15		36	39	18.24	18.19	17.75	19.40
15		75	0	18.18	18.24	17.68	19.40
15	64QAM	1	0	18.13	18.36	17.75	19.40
15		1	37	17.98	18.18	17.80	19.40
15		1	74	18.26	18.15	17.75	19.40
15		36	0	18.18	18.11	17.80	19.40
15		36	20	18.21	18.26	17.72	19.40
15		36	39	17.94	18.28	18.01	19.40
15		75	0	17.99	18.16	17.74	19.40
15	256QAM	1	0	17.43	17.58	17.29	19.00
15		1	37	17.40	17.64	17.34	19.00
15		1	74	17.36	17.52	17.27	19.00
15		36	0	17.49	17.51	17.38	19.00
15		36	20	17.34	17.48	17.26	19.00
15		36	39	17.28	17.47	17.30	19.00
15		75	0	17.27	17.44	17.15	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.29	18.39	17.97	19.40
10		1	25	18.06	18.11	17.61	19.40
10		1	49	18.26	18.40	17.78	19.40
10		25	0	18.15	18.19	18.01	19.40
10		25	12	17.84	18.26	17.76	19.40
10		25	25	17.98	18.20	17.80	19.40
10		50	0	18.17	18.36	17.92	19.40
10	16QAM	1	0	18.21	18.31	17.89	19.40
10		1	25	18.10	18.07	17.80	19.40
10		1	49	17.95	18.12	17.62	19.40
10		25	0	17.98	18.09	17.62	19.40
10		25	12	18.07	18.20	17.78	19.40
10		25	25	18.22	18.15	17.76	19.40
10		50	0	18.22	18.24	17.69	19.40
10	64QAM	1	0	18.11	18.33	17.75	19.40
10		1	25	17.94	18.23	17.71	19.40
10		1	49	18.18	18.05	17.71	19.40
10		25	0	18.25	18.20	17.81	19.40
10		25	12	18.27	18.30	17.69	19.40
10		25	25	17.99	18.26	17.89	19.40
10		50	0	17.98	18.17	17.82	19.40
10	256QAM	1	0	17.50	17.52	17.33	19.00
10		1	25	17.43	17.52	17.25	19.00
10		1	49	17.32	17.55	17.18	19.00
10		25	0	17.39	17.51	17.31	19.00
10		25	12	17.38	17.52	17.23	19.00
10		25	25	17.32	17.43	17.21	19.00
10		50	0	17.36	17.46	17.27	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.39	18.40	17.94	19.40
5		1	12	18.12	18.09	17.66	19.40
5		1	24	18.15	18.37	17.75	19.40
5		12	0	18.23	18.26	18.00	19.40
5		12	7	17.86	18.24	17.75	19.40
5		12	13	17.92	18.12	17.74	19.40
5		25	0	18.18	18.38	17.86	19.40
5	16QAM	1	0	18.13	18.26	17.83	19.40
5		1	12	18.15	18.16	17.87	19.40
5		1	24	18.02	18.08	17.69	19.40
5		12	0	17.98	18.08	17.65	19.40
5		12	7	18.05	18.30	17.82	19.40
5		12	13	18.22	18.27	17.72	19.40
5		25	0	18.17	18.15	17.64	19.40
5	64QAM	1	0	18.11	18.35	17.75	19.40
5		1	12	17.95	18.18	17.78	19.40
5		1	24	18.22	18.04	17.74	19.40
5		12	0	18.16	18.18	17.86	19.40
5		12	7	18.17	18.33	17.78	19.40
5		12	13	17.92	18.35	17.92	19.40
5		25	0	17.95	18.15	17.78	19.40
5	256QAM	1	0	17.42	17.58	17.38	19.00
5		1	12	17.52	17.56	17.34	19.00
5		1	24	17.31	17.56	17.26	19.00
5		12	0	17.49	17.59	17.32	19.00
5		12	7	17.44	17.53	17.21	19.00
5		12	13	17.27	17.47	17.27	19.00
5		25	0	17.27	17.41	17.27	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.37	18.43	17.98	19.40
3		1	8	18.01	18.08	17.70	19.40
3		1	14	18.22	18.30	17.82	19.40
3		8	0	18.22	18.27	18.00	19.40
3		8	4	17.89	18.23	17.75	19.40
3		8	7	17.90	18.15	17.81	19.40
3		15	0	18.15	18.37	17.82	19.40
3	16QAM	1	0	18.14	18.22	17.86	19.40
3		1	8	18.10	18.09	17.86	19.40
3		1	14	18.05	18.12	17.81	19.40
3		8	0	17.93	18.03	17.63	19.40
3		8	4	17.96	18.31	17.81	19.40
3		8	7	18.32	18.17	17.66	19.40
3		15	0	18.23	18.20	17.63	19.40
3	64QAM	1	0	17.99	18.42	17.75	19.40
3		1	8	17.91	18.30	17.74	19.40
3		1	14	18.26	18.07	17.84	19.40
3		8	0	18.19	18.18	17.84	19.40
3		8	4	18.25	18.27	17.74	19.40
3		8	7	17.99	18.40	17.97	19.40
3		15	0	18.07	18.20	17.70	19.40
3	256QAM	1	0	17.49	17.61	17.32	19.00
3		1	8	17.44	17.62	17.24	19.00
3		1	14	17.32	17.47	17.21	19.00
3		8	0	17.52	17.48	17.38	19.00
3		8	4	17.37	17.49	17.21	19.00
3		8	7	17.33	17.45	17.22	19.00
3		15	0	17.31	17.51	17.18	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.36	18.38	17.86	19.40
1.4		1	3	18.09	18.07	17.73	19.40
1.4		1	5	18.24	18.36	17.80	19.40
1.4		3	0	18.15	18.25	17.99	19.40
1.4		3	1	17.90	18.26	17.80	19.40
1.4		3	3	17.95	18.14	17.72	19.40
1.4		6	0	18.23	18.30	17.86	19.40
1.4	16QAM	1	0	18.10	18.31	17.83	19.40
1.4		1	3	18.11	18.15	17.85	19.40
1.4		1	5	17.95	18.13	17.68	19.40
1.4		3	0	17.96	18.09	17.65	19.40
1.4		3	1	18.00	18.23	17.74	19.40
1.4		3	3	18.21	18.19	17.66	19.40
1.4		6	0	18.22	18.24	17.66	19.40
1.4	64QAM	1	0	18.05	18.40	17.78	19.40
1.4		1	3	17.93	18.25	17.76	19.40
1.4		1	5	18.19	18.03	17.73	19.40
1.4		3	0	18.27	18.13	17.85	19.40
1.4		3	1	18.27	18.28	17.79	19.40
1.4		3	3	17.90	18.32	17.90	19.40
1.4		6	0	18.06	18.20	17.81	19.40
1.4	256QAM	1	0	17.39	17.61	17.36	19.00
1.4		1	3	17.50	17.61	17.24	19.00
1.4		1	5	17.38	17.56	17.17	19.00
1.4		3	0	17.52	17.57	17.31	19.00
1.4		3	1	17.40	17.44	17.28	19.00
1.4		3	3	17.37	17.49	17.20	19.00
1.4		6	0	17.28	17.44	17.29	19.00

<LTE Band 4_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.33	18.46	18.31	19.40
20		1	49	18.20	18.35	18.20	19.40
20		1	99	18.22	18.29	18.20	19.40
20		50	0	18.21	18.43	18.22	19.40
20		50	24	18.20	18.20	18.21	19.40
20		50	50	18.20	18.36	18.21	19.40
20		100	0	18.21	18.26	18.21	19.40
20	16QAM	1	0	18.22	18.29	18.20	19.40
20		1	49	18.20	18.33	18.21	19.40
20		1	99	18.21	18.34	18.20	19.40
20		50	0	18.22	18.24	18.20	19.40
20		50	24	18.22	18.29	18.20	19.40
20		50	50	18.20	18.36	18.20	19.40
20		100	0	18.22	18.22	18.21	19.40
20	64QAM	1	0	18.22	18.22	18.21	19.40
20		1	49	18.22	18.33	18.20	19.40
20		1	99	18.20	18.31	18.21	19.40
20		50	0	18.28	18.45	18.21	19.40
20		50	24	18.20	18.43	18.20	19.40
20		50	50	18.21	18.37	18.20	19.40
20		100	0	18.28	18.43	18.21	19.40
20	256QAM	1	0	17.02	17.17	17.03	18.90
20		1	49	17.00	17.04	17.00	18.90
20		1	99	17.00	17.16	17.03	18.90
20		50	0	17.04	17.12	17.00	18.90
20		50	24	17.02	17.19	17.01	18.90
20		50	50	17.04	17.15	17.00	18.90
20		100	0	17.01	17.06	17.02	18.90
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.20	18.44	18.21	19.40
15		1	37	18.20	18.22	18.22	19.40
15		1	74	18.21	18.24	18.21	19.40
15		36	0	18.22	18.35	18.21	19.40
15		36	20	18.20	18.20	18.21	19.40
15		36	39	18.21	18.34	18.21	19.40
15		75	0	18.20	18.20	18.22	19.40
15	16QAM	1	0	18.20	18.26	18.20	19.40
15		1	37	18.21	18.27	18.21	19.40
15		1	74	18.21	18.22	18.21	19.40
15		36	0	18.20	18.21	18.21	19.40
15		36	20	18.21	18.23	18.20	19.40
15		36	39	18.20	18.31	18.20	19.40
15		75	0	18.20	18.20	18.21	19.40
15	64QAM	1	0	18.20	18.20	18.20	19.40
15		1	37	18.20	18.21	18.20	19.40
15		1	74	18.20	18.20	18.21	19.40
15		36	0	18.20	18.36	18.21	19.40
15		36	20	18.21	18.39	18.22	19.40
15		36	39	18.20	18.30	18.21	19.40
15		75	0	18.21	18.34	18.20	19.40
15	256QAM	1	0	17.00	17.11	17.01	18.90
15		1	37	17.00	17.00	17.01	18.90
15		1	74	17.00	17.13	17.02	18.90
15		36	0	17.00	17.01	17.02	18.90
15		36	20	17.00	17.08	17.01	18.90
15		36	39	17.02	17.09	17.00	18.90
15		75	0	17.02	17.04	17.00	18.90
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.31	18.42	18.21	19.40
10		1	25	18.20	18.32	18.20	19.40
10		1	49	18.21	18.20	18.20	19.40
10		25	0	18.20	18.37	18.21	19.40
10		25	12	18.20	18.20	18.22	19.40
10		25	25	18.20	18.24	18.20	19.40
10		50	0	18.21	18.20	18.21	19.40
10	16QAM	1	0	18.20	18.21	18.20	19.40
10		1	25	18.20	18.21	18.20	19.40
10		1	49	18.21	18.28	18.21	19.40
10		25	0	18.20	18.20	18.20	19.40
10		25	12	18.22	18.26	18.22	19.40
10		25	25	18.20	18.22	18.20	19.40
10		50	0	18.20	18.20	18.21	19.40
10	64QAM	1	0	18.21	18.21	18.20	19.40
10		1	25	18.20	18.24	18.21	19.40
10		1	49	18.21	18.20	18.20	19.40
10		25	0	18.26	18.36	18.21	19.40
10		25	12	18.20	18.38	18.20	19.40
10		25	25	18.20	18.28	18.20	19.40
10		50	0	18.26	18.33	18.21	19.40
10	256QAM	1	0	17.00	17.10	17.00	18.90
10		1	25	17.01	17.00	17.01	18.90
10		1	49	17.01	17.09	17.02	18.90
10		25	0	17.00	17.00	17.01	18.90
10		25	12	17.00	17.13	17.00	18.90
10		25	25	17.00	17.04	17.00	18.90
10		50	0	17.00	17.00	17.01	18.90
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.27	18.35	18.28	19.40
5		1	12	18.20	18.20	18.20	19.40
5		1	24	18.20	18.21	18.20	19.40
5		12	0	18.20	18.34	18.21	19.40
5		12	7	18.20	18.20	18.22	19.40
5		12	13	18.20	18.25	18.21	19.40
5		25	0	18.20	18.20	18.20	19.40
5	16QAM	1	0	18.20	18.25	18.20	19.40
5		1	12	18.21	18.20	18.20	19.40
5		1	24	18.22	18.30	18.20	19.40
5		12	0	18.20	18.20	18.20	19.40
5		12	7	18.20	18.28	18.21	19.40
5		12	13	18.20	18.23	18.20	19.40
5		25	0	18.20	18.20	18.20	19.40
5	64QAM	1	0	18.21	18.20	18.20	19.40
5		1	12	18.20	18.26	18.20	19.40
5		1	24	18.20	18.28	18.21	19.40
5		12	0	18.21	18.40	18.20	19.40
5		12	7	18.21	18.29	18.20	19.40
5		12	13	18.20	18.26	18.21	19.40
5		25	0	18.26	18.33	18.20	19.40
5	256QAM	1	0	17.00	17.08	17.00	18.90
5		1	12	17.00	17.02	17.00	18.90
5		1	24	17.00	17.13	17.02	18.90
5		12	0	17.01	17.01	17.00	18.90
5		12	7	17.00	17.11	17.00	18.90
5		12	13	17.00	17.02	17.00	18.90
5		25	0	17.00	17.04	17.00	18.90
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.30	18.35	18.26	19.40
3		1	8	18.22	18.33	18.20	19.40
3		1	14	18.20	18.20	18.21	19.40
3		8	0	18.20	18.39	18.20	19.40
3		8	4	18.20	18.20	18.20	19.40
3		8	7	18.20	18.29	18.20	19.40
3		15	0	18.20	18.22	18.22	19.40
3	16QAM	1	0	18.20	18.21	18.20	19.40
3		1	8	18.21	18.21	18.21	19.40
3		1	14	18.20	18.25	18.20	19.40
3		8	0	18.21	18.23	18.20	19.40
3		8	4	18.20	18.22	18.21	19.40
3		8	7	18.20	18.26	18.20	19.40
3		15	0	18.21	18.20	18.21	19.40
3	64QAM	1	0	18.20	18.20	18.20	19.40
3		1	8	18.20	18.28	18.21	19.40
3		1	14	18.21	18.20	18.20	19.40
3		8	0	18.20	18.40	18.20	19.40
3		8	4	18.20	18.42	18.20	19.40
3		8	7	18.21	18.35	18.21	19.40
3		15	0	18.24	18.39	18.20	19.40
3	256QAM	1	0	17.02	17.09	17.00	18.90
3		1	8	17.02	17.01	17.01	18.90
3		1	14	17.00	17.11	17.02	18.90
3		8	0	17.00	17.00	17.00	18.90
3		8	4	17.01	17.16	17.00	18.90
3		8	7	17.01	17.04	17.00	18.90
3		15	0	17.00	17.01	17.01	18.90
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.23	18.38	18.22	19.40
1.4		1	3	18.20	18.28	18.22	19.40
1.4		1	5	18.21	18.20	18.20	19.40
1.4		3	0	18.21	18.33	18.20	19.40
1.4		3	1	18.20	18.20	18.20	19.40
1.4		3	3	18.20	18.30	18.21	19.40
1.4		6	0	18.21	18.22	18.21	19.40
1.4	16QAM	1	0	18.20	18.28	18.20	19.40
1.4		1	3	18.20	18.32	18.20	19.40
1.4		1	5	18.21	18.22	18.21	19.40
1.4		3	0	18.20	18.20	18.21	19.40
1.4		3	1	18.20	18.20	18.22	19.40
1.4		3	3	18.22	18.32	18.22	19.40
1.4		6	0	18.21	18.20	18.20	19.40
1.4	64QAM	1	0	18.22	18.21	18.22	19.40
1.4		1	3	18.21	18.31	18.20	19.40
1.4		1	5	18.22	18.28	18.21	19.40
1.4		3	0	18.21	18.39	18.21	19.40
1.4		3	1	18.20	18.29	18.21	19.40
1.4		3	3	18.20	18.32	18.20	19.40
1.4		6	0	18.20	18.42	18.20	19.40
1.4	256QAM	1	0	17.00	17.04	17.02	18.90
1.4		1	3	17.01	17.00	17.00	18.90
1.4		1	5	17.01	17.08	17.01	18.90
1.4		3	0	17.02	17.02	17.01	18.90
1.4		3	1	17.01	17.10	17.00	18.90
1.4		3	3	17.00	17.12	17.02	18.90
1.4		6	0	17.00	17.00	17.00	18.90

<LTE Band 5_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.56	22.60	22.59	23.10
10		1	25	22.39	22.52	22.48	23.10
10		1	49	22.43	22.54	22.47	23.10
10		25	0	21.39	21.54	21.38	22.10
10		25	12	21.44	21.53	21.42	22.10
10		25	25	21.34	21.52	21.47	22.10
10		50	0	21.40	21.56	21.48	22.10
10	16QAM	1	0	21.62	21.76	21.62	22.10
10		1	25	21.69	21.85	21.79	22.10
10		1	49	21.64	21.78	21.65	22.10
10		25	0	20.33	20.50	20.42	21.10
10		25	12	20.41	20.49	20.35	21.10
10		25	25	20.38	20.53	20.43	21.10
10		50	0	20.37	20.55	20.50	21.10
10	64QAM	1	0	20.61	20.70	20.56	21.10
10		1	25	20.62	20.68	20.66	21.10
10		1	49	20.60	20.71	20.63	21.10
10		25	0	19.43	19.51	19.40	20.10
10		25	12	19.36	19.51	19.42	20.10
10		25	25	19.35	19.49	19.39	20.10
10		50	0	19.36	19.52	19.43	20.10
10	256QAM	1	0	17.60	17.66	17.51	18.10
10		1	25	17.48	17.62	17.47	18.10
10		1	49	17.44	17.61	17.58	18.10
10		25	0	17.36	17.52	17.41	18.10
10		25	12	17.39	17.53	17.42	18.10
10		25	25	17.42	17.54	17.44	18.10
10		50	0	17.50	17.55	17.49	18.10
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.47	22.48	22.48	23.10
5		1	12	22.29	22.37	22.45	23.10
5		1	24	22.31	22.53	22.35	23.10
5		12	0	21.33	21.43	21.24	22.10
5		12	7	21.37	21.38	21.28	22.10
5		12	13	21.24	21.37	21.32	22.10
5		25	0	21.37	21.45	21.39	22.10
5	16QAM	1	0	21.53	21.62	21.58	22.10
5		1	12	21.59	21.74	21.69	22.10
5		1	24	21.54	21.76	21.53	22.10
5		12	0	20.24	20.40	20.39	21.10
5		12	7	20.39	20.44	20.31	21.10
5		12	13	20.29	20.44	20.38	21.10
5		25	0	20.28	20.53	20.47	21.10
5	64QAM	1	0	20.49	20.59	20.53	21.10
5		1	12	20.53	20.64	20.59	21.10
5		1	24	20.46	20.58	20.53	21.10
5		12	0	19.37	19.46	19.26	20.10
5		12	7	19.29	19.43	19.39	20.10
5		12	13	19.28	19.39	19.33	20.10
5		25	0	19.21	19.43	19.36	20.10
5	256QAM	1	0	17.49	17.52	17.47	18.10
5		1	12	17.36	17.52	17.38	18.10
5		1	24	17.41	17.50	17.54	18.10
5		12	0	17.29	17.43	17.33	18.10
5		12	7	17.27	17.46	17.31	18.10
5		12	13	17.40	17.40	17.36	18.10
5		25	0	17.42	17.48	17.36	18.10
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.47	22.53	22.57	23.10
3		1	8	22.29	22.50	22.37	23.10
3		1	14	22.32	22.45	22.36	23.10
3		8	0	21.36	21.52	21.30	22.10
3		8	4	21.41	21.47	21.30	22.10
3		8	7	21.24	21.40	21.33	22.10
3		15	0	21.33	21.53	21.36	22.10
3	16QAM	1	0	21.56	21.64	21.51	22.10
3		1	8	21.54	21.74	21.71	22.10
3		1	14	21.50	21.77	21.58	22.10
3		8	0	20.30	20.37	20.32	21.10
3		8	4	20.30	20.42	20.23	21.10
3		8	7	20.29	20.42	20.35	21.10
3		15	0	20.27	20.40	20.36	21.10
3	64QAM	1	0	20.51	20.60	20.53	21.10
3		1	8	20.51	20.67	20.61	21.10
3		1	14	20.55	20.62	20.62	21.10
3		8	0	19.35	19.50	19.37	20.10
3		8	4	19.33	19.47	19.38	20.10
3		8	7	19.30	19.39	19.31	20.10
3		15	0	19.33	19.47	19.39	20.10
3	256QAM	1	0	17.47	17.56	17.39	18.10
3		1	8	17.41	17.50	17.33	18.10
3		1	14	17.36	17.46	17.46	18.10
3		8	0	17.23	17.46	17.33	18.10
3		8	4	17.28	17.50	17.32	18.10
3		8	7	17.40	17.48	17.34	18.10
3		15	0	17.44	17.40	17.37	18.10
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.49	22.48	22.53	23.10
1.4		1	3	22.31	22.48	22.37	23.10
1.4		1	5	22.42	22.50	22.34	23.10
1.4		3	0	22.00	22.00	22.00	23.10
1.4		3	1	22.00	22.01	22.00	23.10
1.4		3	3	22.00	22.00	22.00	23.10
1.4		6	0	21.28	21.46	21.42	22.10
1.4	16QAM	1	0	21.51	21.75	21.59	22.10
1.4		1	3	21.64	21.71	21.75	22.10
1.4		1	5	21.62	21.76	21.62	22.10
1.4		3	0	21.00	21.00	21.01	22.10
1.4		3	1	21.02	21.00	21.02	22.10
1.4		3	3	21.01	21.00	21.00	22.10
1.4		6	0	20.29	20.40	20.36	21.10
1.4	64QAM	1	0	20.54	20.56	20.46	21.10
1.4		1	3	20.52	20.61	20.59	21.10
1.4		1	5	20.55	20.59	20.51	21.10
1.4		3	0	20.01	20.00	20.00	21.10
1.4		3	1	20.01	20.01	20.01	21.10
1.4		3	3	20.01	20.01	20.01	21.10
1.4		6	0	19.28	19.50	19.34	20.10
1.4	256QAM	1	0	17.46	17.53	17.48	18.10
1.4		1	3	17.45	17.49	17.39	18.10
1.4		1	5	17.33	17.54	17.45	18.10
1.4		3	0	17.24	17.48	17.34	18.10
1.4		3	1	17.34	17.49	17.40	18.10
1.4		3	3	17.29	17.40	17.36	18.10
1.4		6	0	17.49	17.42	17.42	18.10

<LTE Band 12_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.49	22.59	22.26	24.00
10		1	25	22.18	22.42	22.06	24.00
10		1	49	22.36	22.49	22.11	24.00
10		25	0	21.29	21.50	21.05	23.00
10		25	12	21.13	21.30	21.00	23.00
10		25	25	21.24	21.48	21.13	23.00
10		50	0	21.25	21.36	21.00	23.00
10	16QAM	1	0	21.92	22.06	21.63	23.00
10		1	25	21.82	21.94	21.54	23.00
10		1	49	21.58	21.76	21.37	23.00
10		25	0	20.22	20.33	20.00	22.00
10		25	12	20.21	20.35	20.01	22.00
10		25	25	20.27	20.40	20.02	22.00
10		50	0	20.23	20.35	20.02	22.00
10	64QAM	1	0	20.47	20.70	20.37	22.00
10		1	25	20.48	20.61	20.30	22.00
10		1	49	20.43	20.59	20.27	22.00
10		25	0	19.07	19.30	19.00	21.00
10		25	12	19.17	19.31	19.02	21.00
10		25	25	19.22	19.41	19.04	21.00
10		50	0	19.21	19.39	19.00	21.00
10	256QAM	1	0	17.47	17.67	17.40	19.00
10		1	25	17.48	17.65	17.30	19.00
10		1	49	17.49	17.62	17.35	19.00
10		25	0	17.18	17.30	17.00	19.00
10		25	12	17.29	17.42	17.02	19.00
10		25	25	17.34	17.46	17.15	19.00
10		50	0	17.16	17.38	17.08	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.39	22.51	22.15	24.00
5		1	12	22.08	22.37	22.01	24.00
5		1	24	22.33	22.45	22.05	24.00
5		12	0	21.23	21.47	21.01	23.00
5		12	7	21.06	21.26	21.00	23.00
5		12	13	21.23	21.42	21.03	23.00
5		25	0	21.22	21.33	21.01	23.00
5	16QAM	1	0	21.90	22.00	21.58	23.00
5		1	12	21.78	21.81	21.49	23.00
5		1	24	21.52	21.63	21.24	23.00
5		12	0	20.13	20.31	20.01	22.00
5		12	7	20.19	20.25	20.01	22.00
5		12	13	20.14	20.35	20.02	22.00
5		25	0	20.18	20.26	20.00	22.00
5	64QAM	1	0	20.37	20.67	20.27	22.00
5		1	12	20.40	20.60	20.28	22.00
5		1	24	20.31	20.53	20.22	22.00
5		12	0	19.05	19.18	19.00	21.00
5		12	7	19.08	19.22	19.01	21.00
5		12	13	19.21	19.35	19.00	21.00
5		25	0	19.15	19.26	19.01	21.00
5	256QAM	1	0	17.42	17.53	17.35	19.00
5		1	12	17.45	17.57	17.20	19.00
5		1	24	17.41	17.48	17.26	19.00
5		12	0	17.06	17.17	17.00	19.00
5		12	7	17.23	17.32	17.02	19.00
5		12	13	17.25	17.41	17.13	19.00
5		25	0	17.09	17.35	17.00	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.46	22.55	22.12	24.00
3		1	8	22.11	22.30	22.01	24.00
3		1	14	22.28	22.40	22.01	24.00
3		8	0	21.21	21.38	21.01	23.00
3		8	4	21.10	21.19	21.01	23.00
3		8	7	21.23	21.46	21.11	23.00
3		15	0	21.16	21.31	21.00	23.00
3	16QAM	1	0	21.85	22.03	21.53	23.00
3		1	8	21.72	21.90	21.52	23.00
3		1	14	21.53	21.69	21.28	23.00
3		8	0	20.21	20.21	20.00	22.00
3		8	4	20.17	20.23	20.01	22.00
3		8	7	20.20	20.38	20.01	22.00
3		15	0	20.17	20.27	20.01	22.00
3	64QAM	1	0	20.33	20.62	20.34	22.00
3		1	8	20.46	20.60	20.28	22.00
3		1	14	20.30	20.55	20.17	22.00
3		8	0	19.00	19.19	19.01	21.00
3		8	4	19.09	19.24	19.00	21.00
3		8	7	19.09	19.40	19.00	21.00
3		15	0	19.16	19.25	19.00	21.00
3	256QAM	1	0	17.32	17.62	17.34	19.00
3		1	8	17.42	17.63	17.29	19.00
3		1	14	17.38	17.58	17.22	19.00
3		8	0	17.16	17.16	17.01	19.00
3		8	4	17.25	17.29	17.01	19.00
3		8	7	17.31	17.39	17.01	19.00
3		15	0	17.15	17.36	17.00	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.37	22.55	22.21	24.00
1.4		1	3	22.06	22.35	22.04	24.00
1.4		1	5	22.22	22.44	22.05	24.00
1.4		3	0	22.02	22.02	22.00	24.00
1.4		3	1	22.01	22.02	22.00	24.00
1.4		3	3	22.01	22.00	22.02	24.00
1.4		6	0	21.16	21.22	21.00	23.00
1.4	16QAM	1	0	21.79	21.93	21.60	23.00
1.4		1	3	21.69	21.92	21.41	23.00
1.4		1	5	21.48	21.66	21.31	23.00
1.4		3	0	21.00	21.02	21.00	22.00
1.4		3	1	21.01	21.01	21.00	22.00
1.4		3	3	21.01	21.01	21.00	22.00
1.4		6	0	20.19	20.34	20.01	22.00
1.4	64QAM	1	0	20.35	20.68	20.23	22.00
1.4		1	3	20.41	20.47	20.21	22.00
1.4		1	5	20.32	20.56	20.12	22.00
1.4		3	0	20.01	20.01	20.02	22.00
1.4		3	1	20.02	20.01	20.00	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.10	19.37	19.01	21.00
1.4	256QAM	1	0	17.33	17.66	17.28	19.00
1.4		1	3	17.41	17.54	17.16	19.00
1.4		1	5	17.44	17.58	17.28	19.00
1.4		3	0	17.14	17.26	17.01	19.00
1.4		3	1	17.26	17.38	17.01	19.00
1.4		3	3	17.24	17.32	17.07	19.00
1.4		6	0	17.03	17.30	17.03	19.00

<LTE Band 13_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.51		24.00
10		1	25		22.37		24.00
10		1	49		22.41		24.00
10		25	0		21.46		23.00
10		25	12		21.45		23.00
10		25	25		21.44		23.00
10		50	0		21.49		23.00
10	16QAM	1	0		21.79		23.00
10		1	25		21.69		23.00
10		1	49		21.78		23.00
10		25	0		20.41		22.00
10		25	12		20.45		22.00
10		25	25		20.42		22.00
10		50	0		20.56		22.00
10	64QAM	1	0		20.67		22.00
10		1	25		20.61		22.00
10		1	49		20.61		22.00
10		25	0		19.37		21.00
10		25	12		19.45		21.00
10		25	25		19.41		21.00
10		50	0		19.47		21.00
10	256QAM	1	0		17.70		19.00
10		1	25		17.66		19.00
10		1	49		17.59		19.00
10		25	0		17.47		19.00
10		25	12		17.54		19.00
10		25	25		17.52		19.00
10		50	0		17.55		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.43	22.50	22.45	24.00
5		1	12	22.09	22.19	22.10	24.00
5		1	24	22.16	22.33	22.16	24.00
5		12	0	21.15	21.34	21.24	23.00
5		12	7	21.09	21.27	21.13	23.00
5		12	13	21.17	21.29	21.14	23.00
5		25	0	21.17	21.28	21.18	23.00
5	16QAM	1	0	21.52	21.73	21.57	23.00
5		1	12	21.47	21.58	21.52	23.00
5		1	24	21.54	21.70	21.61	23.00
5		12	0	20.18	20.29	20.13	22.00
5		12	7	20.07	20.22	20.16	22.00
5		12	13	20.04	20.17	20.09	22.00
5		25	0	20.27	20.38	20.29	22.00
5	64QAM	1	0	20.43	20.54	20.44	22.00
5		1	12	20.36	20.44	20.26	22.00
5		1	24	20.24	20.45	20.37	22.00
5		12	0	19.05	19.25	19.16	21.00
5		12	7	19.13	19.31	19.22	21.00
5		12	13	19.15	19.29	19.10	21.00
5		25	0	19.21	19.30	19.13	21.00
5	256QAM	1	0	17.46	17.60	17.50	19.00
5		1	12	17.34	17.53	17.35	19.00
5		1	24	17.36	17.53	17.45	19.00
5		12	0	17.17	17.27	17.17	19.00
5		12	7	17.28	17.38	17.31	19.00
5		12	13	17.33	17.42	17.28	19.00
5		25	0	17.28	17.35	17.17	19.00

<LTE Band 14_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.93		24.00
10		1	49		22.94		24.00
10		25	0		21.91		23.00
10		25	12		21.88		23.00
10		25	25		21.86		23.00
10		50	0		21.91		23.00
10	16QAM	1	0		22.03		23.00
10		1	25		21.96		23.00
10		1	49		21.96		23.00
10		25	0		20.87		22.00
10		25	12		20.86		22.00
10		25	25		20.82		22.00
10		50	0		20.89		22.00
10	64QAM	1	0		20.99		22.00
10		1	25		20.93		22.00
10		1	49		20.94		22.00
10		25	0		19.90		21.00
10		25	12		19.91		21.00
10		25	25		19.86		21.00
10		50	0		19.91		21.00
10	256QAM	1	0		17.87		19.00
10		1	25		17.80		19.00
10		1	49		17.80		19.00
10		25	0		17.92		19.00
10		25	12		17.93		19.00
10		25	25		17.88		19.00
10		50	0		17.91		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.99	22.96	24.00
5		1	12	22.75	22.87	22.77	24.00
5		1	24	22.73	22.93	22.84	24.00
5		12	0	21.77	21.94	21.83	23.00
5		12	7	21.67	21.84	21.78	23.00
5		12	13	21.63	21.79	21.65	23.00
5		25	0	21.71	21.85	21.77	23.00
5	16QAM	1	0	21.84	22.02	21.88	23.00
5		1	12	21.73	21.89	21.85	23.00
5		1	24	21.65	21.85	21.72	23.00
5		12	0	20.74	20.94	20.81	22.00
5		12	7	20.75	20.89	20.75	22.00
5		12	13	20.76	20.86	20.73	22.00
5		25	0	20.73	20.92	20.85	22.00
5	64QAM	1	0	20.83	20.93	20.82	22.00
5		1	12	20.92	21.00	20.94	22.00
5		1	24	20.74	20.84	20.67	22.00
5		12	0	19.77	19.87	19.75	21.00
5		12	7	19.72	19.80	19.73	21.00
5		12	13	19.73	19.93	19.86	21.00
5		25	0	19.75	19.81	19.66	21.00
5	256QAM	1	0	17.61	17.78	17.62	19.00
5		1	12	17.62	17.77	17.73	19.00
5		1	24	17.67	17.79	17.67	19.00
5		12	0	17.78	17.85	17.80	19.00
5		12	7	17.89	17.95	17.87	19.00
5		12	13	17.72	17.82	17.75	19.00
5		25	0	17.86	17.94	17.89	19.00

<LTE Band 17_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.47	22.52	22.18	24.00
10		1	25	22.31	22.51	22.05	24.00
10		1	49	22.31	22.50	22.10	24.00
10		25	0	21.49	21.58	21.22	23.00
10		25	12	21.41	21.57	21.13	23.00
10		25	25	21.34	21.46	21.01	23.00
10		50	0	21.27	21.43	21.09	23.00
10	16QAM	1	0	21.45	21.61	21.14	23.00
10		1	25	21.67	21.76	21.33	23.00
10		1	49	21.73	21.85	21.40	23.00
10		25	0	20.19	20.34	20.00	22.00
10		25	12	20.39	20.54	20.14	22.00
10		25	25	20.36	20.45	20.02	22.00
10		50	0	20.33	20.40	20.00	22.00
10	64QAM	1	0	20.37	20.52	20.15	22.00
10		1	25	20.62	20.69	20.36	22.00
10		1	49	20.53	20.65	20.21	22.00
10		25	0	19.21	19.36	19.01	21.00
10		25	12	19.35	19.53	19.09	21.00
10		25	25	19.34	19.46	19.15	21.00
10		50	0	19.35	19.42	19.01	21.00
10	256QAM	1	0	17.22	17.36	17.01	19.00
10		1	25	17.57	17.67	17.27	19.00
10		1	49	17.45	17.54	17.15	19.00
10		25	0	17.20	17.36	17.00	19.00
10		25	12	17.42	17.52	17.24	19.00
10		25	25	17.36	17.44	17.06	19.00
10		50	0	17.33	17.39	17.10	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.37	22.39	22.15	24.00
5		1	12	22.24	22.46	22.00	24.00
5		1	24	22.22	22.49	22.02	24.00
5		12	0	21.43	21.48	21.20	23.00
5		12	7	21.28	21.46	21.00	23.00
5		12	13	21.27	21.41	21.00	23.00
5		25	0	21.25	21.29	21.04	23.00
5	16QAM	1	0	21.38	21.59	21.00	23.00
5		1	12	21.59	21.64	21.25	23.00
5		1	24	21.61	21.74	21.28	23.00
5		12	0	20.16	20.22	20.01	22.00
5		12	7	20.26	20.40	20.05	22.00
5		12	13	20.25	20.36	20.00	22.00
5		25	0	20.27	20.26	20.01	22.00
5	64QAM	1	0	20.28	20.46	20.06	22.00
5		1	12	20.48	20.61	20.33	22.00
5		1	24	20.45	20.62	20.06	22.00
5		12	0	19.13	19.34	19.01	21.00
5		12	7	19.32	19.39	19.03	21.00
5		12	13	19.22	19.31	19.13	21.00
5		25	0	19.31	19.36	19.00	21.00
5	256QAM	1	0	17.19	17.32	17.00	19.00
5		1	12	17.52	17.56	17.13	19.00
5		1	24	17.40	17.44	17.12	19.00
5		12	0	17.12	17.22	17.00	19.00
5		12	7	17.29	17.50	17.20	19.00
5		12	13	17.33	17.37	17.04	19.00
5		25	0	17.25	17.26	17.01	19.00

<LTE Band 25_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.47	18.52	18.36	19.40
20		1	49	18.24	18.31	17.85	19.40
20		1	99	18.26	18.43	17.93	19.40
20		50	0	18.39	18.46	18.33	19.40
20		50	24	18.16	18.35	17.95	19.40
20		50	50	18.22	18.40	17.96	19.40
20		100	0	18.39	18.51	18.09	19.40
20	16QAM	1	0	18.41	18.50	18.06	19.40
20		1	49	18.22	18.38	17.94	19.40
20		1	99	18.22	18.39	17.89	19.40
20		50	0	18.13	18.31	17.89	19.40
20		50	24	18.32	18.42	18.03	19.40
20		50	50	18.35	18.50	18.00	19.40
20		100	0	18.28	18.35	17.86	19.40
20	64QAM	1	0	18.32	18.47	18.00	19.40
20		1	49	18.20	18.35	17.95	19.40
20		1	99	18.26	18.37	17.87	19.40
20		50	0	18.30	18.39	17.97	19.40
20		50	24	18.28	18.43	17.99	19.40
20		50	50	18.23	18.42	18.01	19.40
20		100	0	18.26	18.35	17.95	19.40
20	256QAM	1	0	17.83	17.87	17.49	19.00
20		1	49	17.76	17.81	17.42	19.00
20		1	99	17.73	17.86	17.53	19.00
20		50	0	17.72	17.82	17.42	19.00
20		50	24	17.71	17.81	17.46	19.00
20		50	50	17.66	17.75	17.41	19.00
20		100	0	17.63	17.75	17.38	19.00
Channel				26115	26340	26615	Tune-up Limit
Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	18.36	18.37	18.08	19.40
15		1	37	18.12	18.21	17.72	19.40
15		1	74	18.25	18.32	17.84	19.40
15		36	0	18.36	18.39	18.14	19.40
15		36	20	18.09	18.26	17.83	19.40
15		36	39	18.13	18.37	17.84	19.40
15		75	0	18.33	18.43	18.08	19.40
15	16QAM	1	0	18.35	18.43	18.01	19.40
15		1	37	18.10	18.32	17.81	19.40
15		1	74	18.20	18.26	17.76	19.40
15		36	0	18.09	18.27	17.80	19.40
15		36	20	18.19	18.40	18.00	19.40
15		36	39	18.33	18.36	17.98	19.40
15		75	0	18.23	18.32	17.72	19.40
15	64QAM	1	0	18.22	18.39	17.91	19.40
15		1	37	18.13	18.20	17.89	19.40
15		1	74	18.15	18.30	17.84	19.40
15		36	0	18.22	18.30	17.93	19.40
15		36	20	18.19	18.30	17.91	19.40
15		36	39	18.18	18.30	17.88	19.40
15		75	0	18.16	18.23	17.91	19.40
15	256QAM	1	0	17.81	17.74	17.34	19.00
15		1	37	17.63	17.70	17.31	19.00
15		1	74	17.60	17.79	17.39	19.00
15		36	0	17.65	17.74	17.39	19.00
15		36	20	17.58	17.79	17.34	19.00
15		36	39	17.51	17.62	17.36	19.00
15		75	0	17.49	17.66	17.30	19.00
Channel				26090	26340	26840	Tune-up Limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	18.32	18.43	18.13	19.40
10		1	25	18.19	18.20	17.78	19.40
10		1	49	18.17	18.29	17.86	19.40
10		25	0	18.31	18.35	18.12	19.40
10		25	12	18.09	18.34	17.93	19.40
10		25	25	18.11	18.39	17.87	19.40
10		50	0	18.25	18.42	17.99	19.40
10	16QAM	1	0	18.33	18.39	18.05	19.40
10		1	25	18.13	18.36	17.92	19.40
10		1	49	18.10	18.24	17.79	19.40
10		25	0	17.99	18.23	17.83	19.40
10		25	12	18.29	18.32	17.97	19.40
10		25	25	18.25	18.39	17.99	19.40
10		50	0	18.25	18.32	17.76	19.40
10	64QAM	1	0	18.25	18.42	17.90	19.40
10		1	25	18.16	18.23	17.82	19.40
10		1	49	18.21	18.23	17.83	19.40
10		25	0	18.25	18.35	17.94	19.40
10		25	12	18.26	18.38	17.97	19.40
10		25	25	18.11	18.36	17.99	19.40
10		50	0	18.16	18.31	17.92	19.40
10	256QAM	1	0	17.81	17.79	17.42	19.00
10		1	25	17.65	17.76	17.30	19.00
10		1	49	17.62	17.72	17.44	19.00
10		25	0	17.64	17.74	17.32	19.00
10		25	12	17.56	17.67	17.40	19.00
10		25	25	17.55	17.61	17.38	19.00
10		50	0	17.60	17.72	17.36	19.00
Channel				26065	26340	26865	Tune-up Limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	18.44	18.38	18.05	19.40
5		1	12	18.10	18.20	17.80	19.40
5		1	24	18.19	18.40	17.82	19.40
5		12	0	18.35	18.40	18.05	19.40
5		12	7	18.11	18.31	17.92	19.40
5		12	13	18.17	18.34	17.84	19.40
5		25	0	18.29	18.49	17.98	19.40
5	16QAM	1	0	18.37	18.45	17.96	19.40
5		1	12	18.19	18.24	17.88	19.40
5		1	24	18.17	18.36	17.82	19.40
5		12	0	18.09	18.17	17.75	19.40
5		12	7	18.19	18.40	17.93	19.40
5		12	13	18.30	18.39	17.96	19.40
5		25	0	18.14	18.26	17.79	19.40
5	64QAM	1	0	18.30	18.42	17.94	19.40
5		1	12	18.08	18.23	17.83	19.40
5		1	24	18.23	18.27	17.81	19.40
5		12	0	18.16	18.35	17.93	19.40
5		12	7	18.23	18.36	17.93	19.40
5		12	13	18.11	18.28	17.91	19.40
5		25	0	18.24	18.32	17.87	19.40
5	256QAM	1	0	17.82	17.84	17.48	19.00
5		1	12	17.74	17.79	17.36	19.00
5		1	24	17.63	17.77	17.41	19.00
5		12	0	17.69	17.76	17.40	19.00
5		12	7	17.58	17.76	17.40	19.00
5		12	13	17.59	17.61	17.30	19.00
5		25	0	17.51	17.62	17.29	19.00
Channel				26055	26340	26875	Tune-up Limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	18.37	18.39	18.14	19.40
3		1	8	18.13	18.19	17.83	19.40
3		1	14	18.22	18.35	17.87	19.40
3		8	0	18.28	18.43	18.10	19.40
3		8	4	18.03	18.21	17.87	19.40
3		8	7	18.06	18.34	17.84	19.40
3		15	0	18.35	18.45	18.05	19.40
3	16QAM	1	0	18.40	18.48	17.92	19.40
3		1	8	18.20	18.34	17.87	19.40
3		1	14	18.18	18.33	17.79	19.40
3		8	0	18.04	18.16	17.75	19.40
3		8	4	18.27	18.32	17.97	19.40
3		8	7	18.22	18.35	17.95	19.40
3		15	0	18.24	18.22	17.74	19.40
3	64QAM	1	0	18.19	18.33	17.96	19.40
3		1	8	18.06	18.24	17.81	19.40
3		1	14	18.15	18.29	17.85	19.40
3		8	0	18.23	18.35	17.93	19.40
3		8	4	18.18	18.31	17.98	19.40
3		8	7	18.10	18.38	17.93	19.40
3		15	0	18.18	18.31	17.82	19.40
3	256QAM	1	0	17.76	17.78	17.46	19.00
3		1	8	17.70	17.67	17.29	19.00
3		1	14	17.64	17.79	17.48	19.00
3		8	0	17.59	17.72	17.38	19.00
3		8	4	17.64	17.71	17.40	19.00
3		8	7	17.65	17.67	17.27	19.00
3		15	0	17.51	17.65	17.30	19.00
Channel				26047	26340	26683	Tune-up Limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	18.41	18.40	18.04	19.40
1.4		1	3	18.10	18.20	17.76	19.40
1.4		1	5	18.12	18.33	17.83	19.40
1.4		3	0	18.27	18.44	18.12	19.40
1.4		3	1	18.14	18.23	17.85	19.40
1.4		3	3	18.11	18.35	17.90	19.40
1.4		6	0	18.25	18.44	18.02	19.40
1.4	16QAM	1	0	18.30	18.40	18.02	19.40
1.4		1	3	18.12	18.34	17.80	19.40
1.4		1	5	18.14	18.28	17.85	19.40
1.4		3	0	18.05	18.25	17.76	19.40
1.4		3	1	18.30	18.37	17.98	19.40
1.4		3	3	18.27	18.47	17.94	19.40
1.4		6	0	18.14	18.26	17.76	19.40
1.4	64QAM	1	0	18.26	18.40	17.92	19.40
1.4		1	3	18.15	18.27	17.81	19.40
1.4		1	5	18.11	18.27	17.84	19.40
1.4		3	0	18.21	18.35	17.91	19.40
1.4		3	1	18.21	18.30	17.89	19.40
1.4		3	3	18.14	18.32	17.88	19.40
1.4		6	0	18.14	18.31	17.88	19.40
1.4	256QAM	1	0	17.69	17.81	17.37	19.00
1.4		1	3	17.63	17.72	17.36	19.00
1.4		1	5	17.67	17.75	17.39	19.00
1.4		3	0	17.66	17.81	17.33	19.00
1.4		3	1	17.66	17.70	17.39	19.00
1.4		3	3	17.54	17.72	17.31	19.00
1.4		6	0	17.53	17.71	17.31	19.00

<LTE Band 26_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				831.5	831.5	841.5	
15	QPSK	1	0	22.63	22.65	22.59	23.10
15		1	37	22.54	22.60	22.46	23.10
15		1	74	22.48	22.57	22.49	23.10
15		36	0	21.42	21.50	21.36	22.10
15		36	20	21.33	21.47	21.26	22.10
15		36	39	21.32	21.48	21.32	22.10
15		75	0	21.41	21.52	21.40	22.10
15	16QAM	1	0	21.64	21.79	21.72	22.10
15		1	37	21.74	21.81	21.70	22.10
15		1	74	21.76	21.83	21.66	22.10
15		36	0	20.37	20.50	20.42	21.10
15		36	20	20.31	20.46	20.37	21.10
15		36	39	20.42	20.50	20.31	21.10
15		75	0	20.47	20.50	20.37	21.10
15	64QAM	1	0	20.54	20.66	20.57	21.10
15		1	37	20.63	20.72	20.62	21.10
15		1	74	20.71	20.82	20.63	21.10
15		36	0	19.44	19.57	19.45	20.10
15		36	20	19.39	19.54	19.45	20.10
15		36	39	19.49	19.57	19.39	20.10
15		75	0	19.40	19.53	19.41	20.10
15	256QAM	1	0	17.67	17.72	17.54	18.10
15		1	37	17.68	17.71	17.57	18.10
15		1	74	17.65	17.70	17.62	18.10
15		36	0	17.53	17.56	17.49	18.10
15		36	20	17.55	17.59	17.41	18.10
15		36	39	17.41	17.58	17.49	18.10
15		75	0	17.50	17.58	17.42	18.10
Channel				26740	26865	26990	Tune-up Limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.58	22.57	22.50	23.10
10		1	25	22.44	22.47	22.42	23.10
10		1	49	22.39	22.47	22.39	23.10
10		25	0	21.40	21.37	21.25	22.10
10		25	12	21.25	21.37	21.25	22.10
10		25	25	21.30	21.39	21.29	22.10
10		50	0	21.28	21.41	21.28	22.10
10	16QAM	1	0	21.50	21.73	21.59	22.10
10		1	25	21.63	21.74	21.62	22.10
10		1	49	21.65	21.70	21.57	22.10
10		25	0	20.30	20.42	20.28	21.10
10		25	12	20.18	20.36	20.34	21.10
10		25	25	20.33	20.46	20.22	21.10
10		50	0	20.34	20.37	20.30	21.10
10	64QAM	1	0	20.40	20.56	20.40	21.10
10		1	25	20.60	20.63	20.56	21.10
10		1	49	20.69	20.74	20.49	21.10
10		25	0	19.35	19.43	19.37	20.10
10		25	12	19.33	19.46	19.40	20.10
10		25	25	19.44	19.51	19.35	20.10
10		50	0	19.32	19.38	19.30	20.10
10	256QAM	1	0	17.55	17.66	17.48	18.10
10		1	25	17.62	17.65	17.42	18.10
10		1	49	17.51	17.66	17.57	18.10
10		25	0	17.44	17.43	17.46	18.10
10		25	12	17.50	17.47	17.36	18.10
10		25	25	17.34	17.45	17.41	18.10
10		50	0	17.40	17.49	17.39	18.10
Channel				26715	26865	27015	Tune-up Limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.55	22.58	22.57	23.10
5		1	12	22.40	22.45	22.40	23.10
5		1	24	22.46	22.54	22.44	23.10
5		12	0	21.37	21.46	21.30	22.10
5		12	7	21.23	21.34	21.13	22.10
5		12	13	21.26	21.35	21.26	22.10
5		25	0	21.38	21.45	21.28	22.10
5	16QAM	1	0	21.63	21.72	21.62	22.10
5		1	12	21.68	21.70	21.59	22.10
5		1	24	21.66	21.78	21.54	22.10
5		12	0	20.29	20.40	20.30	21.10
5		12	7	20.23	20.41	20.35	21.10
5		12	13	20.32	20.48	20.29	21.10
5		25	0	20.36	20.35	20.23	21.10
5	64QAM	1	0	20.50	20.61	20.49	21.10
5		1	12	20.50	20.63	20.58	21.10
5		1	24	20.60	20.78	20.51	21.10
5		12	0	19.40	19.44	19.41	20.10
5		12	7	19.25	19.41	19.44	20.10
5		12	13	19.42	19.56	19.25	20.10
5		25	0	19.30	19.49	19.34	20.10
5	256QAM	1	0	17.58	17.66	17.45	18.10
5		1	12	17.56	17.63	17.45	18.10
5		1	24	17.57	17.68	17.55	18.10
5		12	0	17.42	17.48	17.34	18.10
5		12	7	17.43	17.50	17.35	18.10
5		12	13	17.39	17.54	17.35	18.10
5		25	0	17.38	17.54	17.34	18.10
Channel				26705	26865	27025	Tune-up Limit
Frequency (MHz)				816.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.55	22.61	22.51	23.10
3		1	8	22.45	22.55	22.39	23.10
3		1	14	22.35	22.48	22.34	23.10
3		8	0	21.39	21.37	21.25	22.10
3		8	4	21.29	21.34	21.21	22.10
3		8	7	21.30	21.41	21.29	22.10
3		15	0	21.27	21.49	21.28	22.10
3	16QAM	1	0	21.62	21.76	21.71	22.10
3		1	8	21.59	21.73	21.62	22.10
3		1	14	21.70	21.78	21.57	22.10
3		8	0	20.26	20.40	20.40	21.10
3		8	4	20.24	20.39	20.23	21.10
3		8	7	20.34	20.44	20.18	21.10
3		15	0	20.45	20.44	20.36	21.10
3	64QAM	1	0	20.45	20.51	20.45	21.10
3		1	8	20.51	20.61	20.49	21.10
3		1	14	20.66	20.79	20.53	21.10
3		8	0	19.29	19.52	19.39	20.10
3		8	4	19.38	19.42	19.38	20.10
3		8	7	19.37	19.47	19.28	20.10
3		15	0	19.25	19.44	19.28	20.10
3	256QAM	1	0	17.55	17.60	17.41	18.10
3		1	8	17.60	17.68	17.47	18.10
3		1	14	17.50	17.66	17.50	18.10
3		8	0	17.51	17.54	17.41	18.10
3		8	4	17.52	17.52	17.27	18.10
3		8	7	17.38	17.47	17.38	18.10
3		15	0	17.44	17.43	17.36	18.10
Channel				26697	26865	27033	Tune-up Limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.49	22.52	22.48	23.10
1.4		1	3	22.46	22.56	22.38	23.10
1.4		1	5	22.41	22.50	22.36	23.10
1.4		3	0	22.02	22.00	22.00	23.10
1.4		3	1	22.00	22.00	22.00	23.10
1.4		3	3	22.00	22.00	22.01	23.10
1.4		6	0	21.38	21.47	21.33	22.10
1.4	16QAM	1	0	21.56	21.74	21.65	22.10
1.4		1	3	21.67	21.75	21.67	22.10
1.4		1	5	21.74	21.76	21.52	22.10
1.4		3	0	21.00	21.02	21.01	22.10
1.4		3	1	21.00	21.00	21.01	22.10
1.4		3	3	21.01	21.00	21.00	22.10
1.4		6	0	20.35	20.47	20.29	21.10
1.4	64QAM	1	0	20.48	20.60	20.49	21.10
1.4		1	3	20.60	20.70	20.58	21.10
1.4		1	5	20.57	20.74	20.51	21.10
1.4		3	0	20.01	20.00	20.00	21.10
1.4		3	1	20.00	20.00	20.00	21.10
1.4		3	3	20.00	20.01	20.00	21.10
1.4		6	0	19.26	19.47	19.35	20.10
1.4	256QAM	1	0	17.65	17.70	17.52	18.10
1.4		1	3	17.62	17.57	17.51	18.10
1.4		1	5	17.62	17.66	17.54	18.10
1.4		3	0	17.49	17.44	17.43	18.10
1.4		3	1	17.43	17.49	17.39	18.10
1.4		3	3	17.35	17.43	17.41	18.10
1.4		6	0	17.48	17.54	17.39	18.10

<LTE Band 66_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.53	18.68	18.59	20.50
20		1	49	18.51	18.56	18.52	20.50
20		1	99	18.52	18.51	18.51	20.50
20		50	0	18.58	18.65	18.62	20.50
20		50	24	18.56	18.61	18.52	20.50
20		50	50	18.50	18.64	18.59	20.50
20		100	0	18.64	18.51	18.54	20.50
20	16QAM	1	0	18.59	18.54	18.57	20.50
20		1	49	18.53	18.56	18.55	20.50
20		1	99	18.62	18.52	18.62	20.50
20		50	0	18.60	18.64	18.55	20.50
20		50	24	18.55	18.57	18.61	20.50
20		50	50	18.52	18.51	18.58	20.50
20		100	0	18.64	18.51	18.57	20.50
20	64QAM	1	0	18.52	18.59	18.64	20.50
20		1	49	18.59	18.54	18.60	20.50
20		1	99	18.63	18.52	18.64	20.50
20		50	0	18.53	18.51	18.60	20.50
20		50	24	18.54	18.56	18.55	20.50
20		50	50	18.62	18.54	18.54	20.50
20		100	0	18.60	18.53	18.54	20.50
20	256QAM	1	0	17.00	17.14	17.00	19.00
20		1	49	17.04	17.41	17.06	19.00
20		1	99	17.14	17.49	17.12	19.00
20		50	0	17.00	17.16	17.00	19.00
20		50	24	17.00	17.27	17.00	19.00
20		50	50	17.01	17.31	17.00	19.00
20		100	0	17.02	17.26	17.01	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.62	18.55	18.60	20.50
15		1	37	18.62	18.53	18.60	20.50
15		1	74	18.61	18.52	18.60	20.50
15		36	0	18.58	18.61	18.56	20.50
15		36	20	18.54	18.53	18.56	20.50
15		36	39	18.63	18.53	18.57	20.50
15		75	0	18.51	18.54	18.60	20.50
15	16QAM	1	0	18.59	18.63	18.57	20.50
15		1	37	18.63	18.58	18.51	20.50
15		1	74	18.59	18.57	18.59	20.50
15		36	0	18.60	18.61	18.57	20.50
15		36	20	18.52	18.52	18.53	20.50
15		36	39	18.59	18.61	18.53	20.50
15		75	0	18.56	18.56	18.51	20.50
15	64QAM	1	0	18.59	18.57	18.56	20.50
15		1	37	18.54	18.54	18.61	20.50
15		1	74	18.61	18.58	18.60	20.50
15		36	0	18.51	18.64	18.51	20.50
15		36	20	18.50	18.51	18.55	20.50
15		36	39	18.58	18.52	18.50	20.50
15		75	0	18.52	18.57	18.58	20.50
15	256QAM	1	0	17.03	17.09	17.06	19.00
15		1	37	17.02	17.06	17.14	19.00
15		1	74	17.14	17.02	17.13	19.00
15		36	0	17.10	17.09	17.10	19.00
15		36	20	17.11	17.01	17.05	19.00
15		36	39	17.15	17.14	17.02	19.00
15		75	0	17.14	17.12	17.02	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.65	18.56	18.58	20.50
10		1	25	18.54	18.54	18.61	20.50
10		1	49	18.51	18.62	18.62	20.50
10		25	0	18.55	18.50	18.59	20.50
10		25	12	18.58	18.60	18.54	20.50
10		25	25	18.60	18.58	18.52	20.50
10		50	0	18.61	18.61	18.58	20.50
10	16QAM	1	0	18.52	18.53	18.55	20.50
10		1	25	18.53	18.58	18.59	20.50
10		1	49	18.56	18.54	18.50	20.50
10		25	0	18.50	18.62	18.60	20.50
10		25	12	18.56	18.53	18.53	20.50
10		25	25	18.50	18.60	18.54	20.50
10		50	0	18.55	18.64	18.55	20.50
10	64QAM	1	0	18.53	18.52	18.58	20.50
10		1	25	18.53	18.51	18.54	20.50
10		1	49	18.61	18.64	18.55	20.50
10		25	0	18.63	18.52	18.51	20.50
10		25	12	18.51	18.58	18.58	20.50
10		25	25	18.52	18.55	18.57	20.50
10		50	0	18.52	18.57	18.61	20.50
10	256QAM	1	0	17.03	17.08	17.08	19.00
10		1	25	17.01	17.07	17.10	19.00
10		1	49	17.13	17.14	17.02	19.00
10		25	0	17.01	17.10	17.02	19.00
10		25	12	17.14	17.15	17.12	19.00
10		25	25	17.07	17.13	17.10	19.00
10		50	0	17.13	17.07	17.02	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.57	18.57	18.59	20.50
5		1	12	18.52	18.53	18.53	20.50
5		1	24	18.56	18.51	18.52	20.50
5		12	0	18.55	18.62	18.61	20.50
5		12	7	18.51	18.54	18.53	20.50
5		12	13	18.59	18.52	18.55	20.50
5		25	0	18.52	18.64	18.63	20.50
5	16QAM	1	0	18.55	18.54	18.65	20.50
5		1	12	18.62	18.51	18.56	20.50
5		1	24	18.51	18.61	18.53	20.50
5		12	0	18.60	18.59	18.51	20.50
5		12	7	18.55	18.51	18.56	20.50
5		12	13	18.55	18.62	18.51	20.50
5		25	0	18.59	18.55	18.52	20.50
5	64QAM	1	0	18.58	18.51	18.56	20.50
5		1	12	18.55	18.52	18.57	20.50
5		1	24	18.60	18.59	18.61	20.50
5		12	0	18.59	18.64	18.51	20.50
5		12	7	18.50	18.61	18.62	20.50
5		12	13	18.56	18.51	18.57	20.50
5		25	0	18.53	18.54	18.58	20.50
5	256QAM	1	0	17.05	17.06	17.00	19.00
5		1	12	17.12	17.01	17.02	19.00
5		1	24	17.10	17.08	17.05	19.00
5		12	0	17.02	17.12	17.01	19.00
5		12	7	17.14	17.13	17.04	19.00
5		12	13	17.07	17.03	17.07	19.00
5		25	0	17.08	17.01	17.13	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.60	18.53	18.54	20.50
3		1	8	18.60	18.50	18.52	20.50
3		1	14	18.55	18.50	18.62	20.50
3		8	0	18.64	18.58	18.64	20.50
3		8	4	18.53	18.52	18.50	20.50
3		8	7	18.63	18.57	18.51	20.50
3		15	0	18.60	18.63	18.60	20.50
3	16QAM	1	0	18.52	18.55	18.51	20.50
3		1	8	18.54	18.50	18.59	20.50
3		1	14	18.59	18.55	18.61	20.50
3		8	0	18.51	18.62	18.54	20.50
3		8	4	18.60	18.50	18.54	20.50
3		8	7	18.53	18.62	18.57	20.50
3		15	0	18.54	18.58	18.53	20.50
3	64QAM	1	0	18.57	18.53	18.53	20.50
3		1	8	18.56	18.59	18.59	20.50
3		1	14	18.58	18.52	18.61	20.50
3		8	0	18.54	18.62	18.56	20.50
3		8	4	18.55	18.51	18.51	20.50
3		8	7	18.57	18.61	18.58	20.50
3		15	0	18.53	18.62	18.58	20.50
3	256QAM	1	0	17.12	17.13	17.09	19.00
3		1	8	17.14	17.14	17.02	19.00
3		1	14	17.01	17.02	17.12	19.00
3		8	0	17.02	17.03	17.15	19.00
3		8	4	17.02	17.02	17.01	19.00
3		8	7	17.05	17.00	17.14	19.00
3		15	0	17.02	17.12	17.11	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.59	18.66	18.63	20.50
1.4		1	3	18.60	18.59	18.54	20.50
1.4		1	5	18.51	18.53	18.61	20.50
1.4		3	0	18.62	18.64	18.53	20.50
1.4		3	1	18.55	18.59	18.51	20.50
1.4		3	3	18.60	18.51	18.50	20.50
1.4		6	0	18.51	18.60	18.51	20.50
1.4	16QAM	1	0	18.54	18.51	18.52	20.50
1.4		1	3	18.54	18.53	18.60	20.50
1.4		1	5	18.55	18.58	18.57	20.50
1.4		3	0	18.54	18.57	18.56	20.50
1.4		3	1	18.52	18.56	18.52	20.50
1.4		3	3	18.58	18.50	18.55	20.50
1.4		6	0	18.62	18.60	18.50	20.50
1.4	64QAM	1	0	18.56	18.53	18.57	20.50
1.4		1	3	18.64	18.60	18.50	20.50
1.4		1	5	18.58	18.51	18.57	20.50
1.4		3	0	18.56	18.55	18.57	20.50
1.4		3	1	18.64	18.55	18.55	20.50
1.4		3	3	18.60	18.55	18.60	20.50
1.4		6	0	18.54	18.51	18.51	20.50
1.4	256QAM	1	0	17.06	17.05	17.11	19.00
1.4		1	3	17.14	17.07	17.12	19.00
1.4		1	5	17.03	17.06	17.01	19.00
1.4		3	0	17.07	17.13	17.07	19.00
1.4		3	1	17.07	17.05	17.00	19.00
1.4		3	3	17.02	17.10	17.09	19.00
1.4		6	0	17.11	17.11	17.00	19.00

<LTE Band 71_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.61	22.66	22.55	24.00
20		1	49	22.47	22.57	22.37	24.00
20		1	99	22.31	22.49	22.36	24.00
20		50	0	21.42	21.62	21.38	23.00
20		50	24	21.44	21.51	21.36	23.00
20		50	50	21.39	21.53	21.39	23.00
20		100	0	21.41	21.55	21.32	23.00
20	16QAM	1	0	21.79	21.86	21.69	23.00
20		1	49	21.80	21.89	21.73	23.00
20		1	99	21.79	21.89	21.72	23.00
20		50	0	20.54	20.60	20.45	22.00
20		50	24	20.35	20.54	20.31	22.00
20		50	50	20.42	20.52	20.37	22.00
20		100	0	20.41	20.53	20.34	22.00
20	64QAM	1	0	20.79	20.85	20.73	22.00
20		1	49	20.70	20.76	20.59	22.00
20		1	99	20.51	20.70	20.55	22.00
20		50	0	19.60	19.66	19.50	21.00
20		50	24	19.44	19.60	19.43	21.00
20		50	50	19.54	19.61	19.42	21.00
20		100	0	19.57	19.63	19.45	21.00
20	256QAM	1	0	17.63	17.80	17.64	19.00
20		1	49	17.60	17.66	17.55	19.00
20		1	99	17.49	17.61	17.44	19.00
20		50	0	17.54	17.65	17.53	19.00
20		50	24	17.49	17.59	17.38	19.00
20		50	50	17.40	17.56	17.36	19.00
20		100	0	17.45	17.57	17.43	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.48	22.59	22.49	24.00
15		1	37	22.34	22.55	22.33	24.00
15		1	74	22.25	22.38	22.24	24.00
15		36	0	21.33	21.57	21.28	23.00
15		36	20	21.37	21.38	21.35	23.00
15		36	39	21.36	21.42	21.29	23.00
15		75	0	21.38	21.48	21.26	23.00
15	16QAM	1	0	21.70	21.73	21.65	23.00
15		1	37	21.69	21.82	21.60	23.00
15		1	74	21.71	21.78	21.67	23.00
15		36	0	20.48	20.55	20.34	22.00
15		36	20	20.21	20.50	20.19	22.00
15		36	39	20.40	20.39	20.33	22.00
15		75	0	20.30	20.41	20.26	22.00
15	64QAM	1	0	20.73	20.74	20.72	22.00
15		1	37	20.55	20.72	20.49	22.00
15		1	74	20.49	20.62	20.41	22.00
15		36	0	19.55	19.65	19.41	21.00
15		36	20	19.40	19.58	19.35	21.00
15		36	39	19.46	19.48	19.30	21.00
15		75	0	19.53	19.54	19.41	21.00
15	256QAM	1	0	17.55	17.77	17.59	19.00
15		1	37	17.48	17.62	17.45	19.00
15		1	74	17.44	17.53	17.40	19.00
15		36	0	17.49	17.59	17.47	19.00
15		36	20	17.43	17.50	17.32	19.00
15		36	39	17.35	17.47	17.23	19.00
15		75	0	17.38	17.45	17.29	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.58	22.56	22.51	24.00
10		1	25	22.37	22.51	22.30	24.00
10		1	49	22.22	22.40	22.30	24.00
10		25	0	21.29	21.57	21.33	23.00
10		25	12	21.36	21.49	21.33	23.00
10		25	25	21.24	21.42	21.34	23.00
10		50	0	21.28	21.53	21.24	23.00
10	16QAM	1	0	21.78	21.81	21.57	23.00
10		1	25	21.69	21.79	21.60	23.00
10		1	49	21.66	21.76	21.61	23.00
10		25	0	20.51	20.47	20.38	22.00
10		25	12	20.34	20.48	20.26	22.00
10		25	25	20.36	20.47	20.24	22.00
10		50	0	20.35	20.39	20.25	22.00
10	64QAM	1	0	20.74	20.80	20.66	22.00
10		1	25	20.58	20.70	20.55	22.00
10		1	49	20.48	20.63	20.49	22.00
10		25	0	19.54	19.65	19.46	21.00
10		25	12	19.34	19.55	19.32	21.00
10		25	25	19.45	19.48	19.30	21.00
10		50	0	19.45	19.50	19.43	21.00
10	256QAM	1	0	17.61	17.77	17.61	19.00
10		1	25	17.49	17.58	17.43	19.00
10		1	49	17.40	17.50	17.32	19.00
10		25	0	17.43	17.59	17.46	19.00
10		25	12	17.47	17.52	17.30	19.00
10		25	25	17.29	17.54	17.34	19.00
10		50	0	17.43	17.46	17.39	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.53	22.52	22.52	24.00
5		1	12	22.42	22.53	22.36	24.00
5		1	24	22.25	22.38	22.24	24.00
5		12	0	21.36	21.58	21.24	23.00
5		12	7	21.32	21.48	21.34	23.00
5		12	13	21.30	21.44	21.34	23.00
5		25	0	21.30	21.40	21.24	23.00
5	16QAM	1	0	21.73	21.83	21.66	23.00
5		1	12	21.71	21.74	21.70	23.00
5		1	24	21.70	21.74	21.60	23.00
5		12	0	20.51	20.55	20.36	22.00
5		12	7	20.21	20.53	20.30	22.00
5		12	13	20.39	20.50	20.36	22.00
5		25	0	20.30	20.42	20.31	22.00
5	64QAM	1	0	20.73	20.76	20.68	22.00
5		1	12	20.68	20.61	20.58	22.00
5		1	24	20.37	20.64	20.53	22.00
5		12	0	19.57	19.53	19.38	21.00
5		12	7	19.36	19.52	19.37	21.00
5		12	13	19.41	19.48	19.31	21.00
5		25	0	19.45	19.58	19.36	21.00
5	256QAM	1	0	17.58	17.76	17.53	19.00
5		1	12	17.50	17.61	17.47	19.00
5		1	24	17.34	17.48	17.30	19.00
5		12	0	17.44	17.62	17.39	19.00
5		12	7	17.35	17.56	17.34	19.00
5		12	13	17.33	17.44	17.27	19.00
5		25	0	17.39	17.45	17.28	19.00

<LTE Band 48_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.03	19.19	19.06	18.99	20.80
20		1	49	18.85	19.02	18.82	18.82	20.80
20		1	99	18.80	19.06	18.87	18.80	20.80
20		50	0	18.89	19.12	18.96	19.01	20.80
20		50	24	18.88	19.10	18.85	18.83	20.80
20		50	50	18.81	18.99	18.81	18.80	20.80
20		100	0	18.80	19.00	18.80	18.80	20.80
20	16QAM	1	0	18.80	18.99	18.81	18.80	20.80
20		1	49	18.80	19.04	18.87	18.80	20.80
20		1	99	18.84	19.13	18.92	18.90	20.80
20		50	0	18.81	19.04	18.80	18.80	20.80
20		50	24	18.89	19.11	18.91	18.88	20.80
20		50	50	18.80	18.99	18.84	18.81	20.80
20		100	0	18.82	19.02	18.82	18.80	20.80
20	64QAM	1	0	18.83	19.03	18.80	18.80	20.80
20		1	49	18.88	19.15	18.91	18.87	20.80
20		1	99	18.95	19.15	18.95	18.86	20.80
20		50	0	18.90	19.11	18.96	18.80	20.80
20		50	24	18.85	19.07	18.89	18.81	20.80
20		50	50	18.82	19.02	18.80	18.81	20.80
20		100	0	18.80	19.08	18.85	18.82	20.80
20	256QAM	1	0	17.17	17.43	17.38	17.23	19.00
20		1	49	17.27	17.51	17.48	17.28	19.00
20		1	99	17.34	17.56	17.40	17.32	19.00
20		50	0	17.53	17.69	17.62	17.48	19.00
20		50	24	17.51	17.73	17.67	17.48	19.00
20		50	50	17.61	17.76	17.65	17.61	19.00
20		100	0	17.46	17.69	17.60	17.50	19.00
Channel				55315	55820	56160	56695	Tune-up Limit
Frequency (MHz)				3557.5	3608	3642	3692.5	(dBm)
15	QPSK	1	0	18.88	19.12	18.97	18.85	20.80
15		1	37	18.82	18.97	18.80	18.80	20.80
15		1	74	18.81	18.99	18.81	18.81	20.80
15		36	0	18.81	18.95	18.88	18.87	20.80
15		36	20	18.80	19.04	18.80	18.81	20.80
15		36	39	18.80	18.91	18.80	18.80	20.80
15		75	0	18.81	18.97	18.81	18.80	20.80
15	16QAM	1	0	18.81	18.89	18.80	18.80	20.80
15		1	37	18.81	18.90	18.85	18.80	20.80
15		1	74	18.82	18.98	18.80	18.88	20.80
15		36	0	18.80	18.97	18.80	18.80	20.80
15		36	20	18.84	18.96	18.81	18.84	20.80
15		36	39	18.81	18.90	18.81	18.80	20.80
15		75	0	18.81	18.92	18.80	18.80	20.80
15	64QAM	1	0	18.81	18.94	18.81	18.81	20.80
15		1	37	18.80	19.09	18.83	18.80	20.80
15		1	74	18.83	19.14	18.84	18.81	20.80
15		36	0	18.88	18.97	18.85	18.80	20.80
15		36	20	18.82	19.00	18.85	18.81	20.80
15		36	39	18.80	18.96	18.80	18.82	20.80
15		75	0	18.82	18.94	18.80	18.81	20.80
15	256QAM	1	0	17.07	17.35	17.32	17.21	19.00
15		1	37	17.22	17.37	17.45	17.23	19.00
15		1	74	17.28	17.44	17.30	17.27	19.00
15		36	0	17.42	17.65	17.50	17.46	19.00
15		36	20	17.42	17.72	17.53	17.47	19.00
15		36	39	17.48	17.65	17.62	17.52	19.00
15		75	0	17.42	17.59	17.45	17.38	19.00
Channel				55200	55815	56165	56950	Tune-up Limit
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)
10	QPSK	1	0	19.00	19.13	18.92	18.84	20.80
10		1	25	18.80	18.88	18.81	18.81	20.80
10		1	49	18.80	19.03	18.80	18.82	20.80
10		25	0	18.80	18.98	18.88	18.99	20.80
10		25	12	18.83	19.05	18.82	18.80	20.80
10		25	25	18.80	18.98	18.80	18.80	20.80
10		50	0	18.80	18.86	18.81	18.81	20.80
10	16QAM	1	0	18.80	18.92	18.80	18.80	20.80
10		1	25	18.81	18.95	18.81	18.81	20.80
10		1	49	18.80	19.12	18.87	18.82	20.80
10		25	0	18.80	18.95	18.81	18.81	20.80
10		25	12	18.85	19.00	18.85	18.86	20.80
10		25	25	18.80	18.94	18.81	18.81	20.80
10		50	0	18.81	18.88	18.80	18.81	20.80
10	64QAM	1	0	18.80	19.01	18.82	18.81	20.80
10		1	25	18.84	19.02	18.88	18.83	20.80
10		1	49	18.87	19.05	18.90	18.80	20.80
10		25	0	18.81	19.03	18.86	18.81	20.80
10		25	12	18.83	19.02	18.86	18.82	20.80
10		25	25	18.80	19.00	18.81	18.81	20.80
10		50	0	18.80	18.96	18.81	18.81	20.80
10	256QAM	1	0	17.05	17.40	17.31	17.09	19.00
10		1	25	17.19	17.48	17.43	17.25	19.00
10		1	49	17.30	17.51	17.25	17.18	19.00
10		25	0	17.44	17.60	17.52	17.46	19.00
10		25	12	17.39	17.66	17.57	17.37	19.00
10		25	25	17.52	17.63	17.52	17.50	19.00
10		50	0	17.38	17.59	17.55	17.39	19.00
Channel				55265	55810	56170	56715	Tune-up Limit
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)
5	QPSK	1	0	19.01	19.07	18.93	18.88	20.80
5		1	12	18.80	18.90	18.80	18.81	20.80
5		1	24	18.81	18.96	18.80	18.80	20.80
5		12	0	18.80	18.91	18.88	18.86	20.80
5		12	7	18.80	19.00	18.81	18.81	20.80
5		12	13	18.80	18.87	18.81	18.80	20.80
5		25	0	18.80	18.97	18.80	18.81	20.80
5	16QAM	1	0	18.80	18.94	18.81	18.81	20.80
5		1	12	18.81	18.96	18.82	18.80	20.80
5		1	24	18.82	18.99	18.83	18.89	20.80
5		12	0	18.81	19.02	18.80	18.82	20.80
5		12	7	18.84	19.08	18.81	18.80	20.80
5		12	13	18.80	18.94	18.80	18.80	20.80
5		25	0	18.80	18.96	18.81	18.80	20.80
5	64QAM	1	0	18.81	18.94	18.80	18.81	20.80
5		1	12	18.83	19.02	18.81	18.80	20.80
5		1	24	18.85	19.05	18.89	18.80	20.80
5		12	0	18.80	19.06	18.93	18.82	20.80
5		12	7	18.83	19.00	18.88	18.80	20.80
5		12	13	18.81	19.00	18.80	18.80	20.80
5		25	0	18.80	19.06	18.81	18.81	20.80
5	256QAM	1	0	17.08	17.33	17.25	17.16	19.00
5		1	12	17.21	17.48	17.43	17.14	19.00
5		1	24	17.27	17.46	17.25	17.24	19.00
5		12	0	17.51	17.59	17.60	17.33	19.00
5		12	7	17.50	17.62	17.59	17.33	19.00
5		12	13	17.59	17.66	17.50	17.59	19.00
5		25	0	17.44	17.59	17.50	17.36	19.00

<LTE Band 2_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.63	22.80	22.68	24.00
20		1	49	22.59	22.78	22.51	24.00
20		1	99	22.48	22.78	22.55	24.00
20		50	0	21.50	21.79	21.59	23.00
20		50	24	21.51	21.75	21.56	23.00
20		50	50	21.53	21.78	21.58	23.00
20		100	0	21.53	21.77	21.61	23.00
20	16QAM	1	0	21.66	21.97	21.74	23.00
20		1	49	21.69	21.97	21.81	23.00
20		1	99	21.88	22.16	22.01	23.00
20		50	0	20.49	20.77	20.56	22.00
20		50	24	20.52	20.78	20.62	22.00
20		50	50	20.57	20.78	20.60	22.00
20		100	0	20.47	20.77	20.56	22.00
20	64QAM	1	0	20.61	20.90	20.64	22.00
20		1	49	20.67	20.97	20.75	22.00
20		1	99	20.80	21.06	20.92	22.00
20		50	0	19.55	19.78	19.62	21.00
20		50	24	19.53	19.79	19.64	21.00
20		50	50	19.57	19.82	19.62	21.00
20		100	0	19.57	19.79	19.67	21.00
20	256QAM	1	0	17.61	17.85	17.65	19.00
20		1	49	17.66	17.92	17.70	19.00
20		1	99	17.70	17.93	17.80	19.00
20		50	0	17.54	17.82	17.67	19.00
20		50	24	17.63	17.81	17.69	19.00
20		50	50	17.64	17.81	17.64	19.00
20		100	0	17.56	17.82	17.65	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.55	22.70	22.63	24.00
15		1	37	22.45	22.67	22.39	24.00
15		1	74	22.45	22.67	22.41	24.00
15		36	0	21.46	21.72	21.52	23.00
15		36	20	21.49	21.65	21.42	23.00
15		36	39	21.42	21.64	21.44	23.00
15		75	0	21.48	21.64	21.49	23.00
15	16QAM	1	0	21.63	21.83	21.65	23.00
15		1	37	21.64	21.84	21.70	23.00
15		1	74	21.85	22.01	21.92	23.00
15		36	0	20.44	20.66	20.52	22.00
15		36	20	20.50	20.65	20.48	22.00
15		36	39	20.49	20.68	20.55	22.00
15		75	0	20.35	20.71	20.43	22.00
15	64QAM	1	0	20.52	20.81	20.60	22.00
15		1	37	20.55	20.92	20.64	22.00
15		1	74	20.65	20.99	20.86	22.00
15		36	0	19.46	19.69	19.50	21.00
15		36	20	19.41	19.66	19.51	21.00
15		36	39	19.52	19.75	19.48	21.00
15		75	0	19.52	19.68	19.62	21.00
15	256QAM	1	0	17.59	17.79	17.55	19.00
15		1	37	17.57	17.83	17.64	19.00
15		1	74	17.61	17.86	17.67	19.00
15		36	0	17.51	17.78	17.53	19.00
15		36	20	17.57	17.72	17.63	19.00
15		36	39	17.51	17.77	17.52	19.00
15		75	0	17.41	17.68	17.63	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.53	22.73	22.56	24.00
10		1	25	22.48	22.70	22.37	24.00
10		1	49	22.46	22.71	22.46	24.00
10		25	0	21.45	21.77	21.49	23.00
10		25	12	21.41	21.63	21.49	23.00
10		25	25	21.47	21.75	21.45	23.00
10		50	0	21.52	21.63	21.54	23.00
10	16QAM	1	0	21.54	21.90	21.73	23.00
10		1	25	21.58	21.88	21.72	23.00
10		1	49	21.85	22.15	21.96	23.00
10		25	0	20.36	20.67	20.53	22.00
10		25	12	20.44	20.75	20.51	22.00
10		25	25	20.55	20.68	20.54	22.00
10		50	0	20.39	20.62	20.53	22.00
10	64QAM	1	0	20.58	20.82	20.50	22.00
10		1	25	20.57	20.89	20.68	22.00
10		1	49	20.73	21.01	20.86	22.00
10		25	0	19.44	19.75	19.59	21.00
10		25	12	19.48	19.73	19.53	21.00
10		25	25	19.49	19.69	19.50	21.00
10		50	0	19.52	19.65	19.58	21.00
10	256QAM	1	0	17.56	17.74	17.60	19.00
10		1	25	17.54	17.84	17.60	19.00
10		1	49	17.59	17.88	17.77	19.00
10		25	0	17.40	17.75	17.57	19.00
10		25	12	17.60	17.87	17.59	19.00
10		25	25	17.59	17.74	17.54	19.00
10		50	0	17.50	17.77	17.60	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.56	22.70	22.63	24.00
5		1	12	22.53	22.68	22.47	24.00
5		1	24	22.42	22.75	22.48	24.00
5		12	0	21.38	21.77	21.46	23.00
5		12	7	21.37	21.69	21.51	23.00
5		12	13	21.45	21.65	21.56	23.00
5		25	0	21.51	21.72	21.57	23.00
5	16QAM	1	0	21.64	21.96	21.64	23.00
5		1	12	21.67	21.82	21.66	23.00
5		1	24	21.77	22.07	21.86	23.00
5		12	0	20.47	20.68	20.42	22.00
5		12	7	20.43	20.65	20.58	22.00
5		12	13	20.52	20.67	20.47	22.00
5		25	0	20.43	20.66	20.46	22.00
5	64QAM	1	0	20.56	20.76	20.54	22.00
5		1	12	20.59	20.86	20.71	22.00
5		1	24	20.66	21.04	20.84	22.00
5		12	0	19.48	19.69	19.57	21.00
5		12	7	19.48	19.74	19.58	21.00
5		12	13	19.44	19.79	19.52	21.00
5		25	0	19.53	19.71	19.64	21.00
5	256QAM	1	0	17.53	17.72	17.63	19.00
5		1	12	17.62	17.82	17.57	19.00
5		1	24	17.57	17.91	17.67	19.00
5		12	0	17.46	17.70	17.53	19.00
5		12	7	17.57	17.79	17.55	19.00
5		12	13	17.62	17.66	17.57	19.00
5		25	0	17.51	17.75	17.59	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.54	22.71	22.59	24.00
3		1	8	22.56	22.73	22.38	24.00
3		1	14	22.41	22.66	22.51	24.00
3		8	0	21.39	21.75	21.52	23.00
3		8	4	21.41	21.61	21.50	23.00
3		8	7	21.39	21.70	21.56	23.00
3		15	0	21.44	21.67	21.59	23.00
3	16QAM	1	0	21.53	21.94	21.69	23.00
3		1	8	21.68	21.90	21.69	23.00
3		1	14	21.83	22.13	21.98	23.00
3		8	0	20.48	20.72	20.51	22.00
3		8	4	20.49	20.65	20.53	22.00
3		8	7	20.49	20.70	20.53	22.00
3		15	0	20.39	20.65	20.43	22.00
3	64QAM	1	0	20.59	20.89	20.53	22.00
3		1	8	20.62	20.91	20.70	22.00
3		1	14	20.75	20.91	20.81	22.00
3		8	0	19.51	19.72	19.49	21.00
3		8	4	19.52	19.77	19.60	21.00
3		8	7	19.43	19.75	19.57	21.00
3		15	0	19.46	19.76	19.58	21.00
3	256QAM	1	0	17.56	17.70	17.54	19.00
3		1	8	17.52	17.87	17.68	19.00
3		1	14	17.62	17.91	17.75	19.00
3		8	0	17.46	17.75	17.65	19.00
3		8	4	17.52	17.69	17.67	19.00
3		8	7	17.59	17.80	17.61	19.00
3		15	0	17.45	17.77	17.51	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.50	22.76	22.58	24.00
1.4		1	3	22.50	22.68	22.45	24.00
1.4		1	5	22.35	22.74	22.42	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.40	21.65	21.59	23.00
1.4	16QAM	1	0	21.59	21.88	21.59	23.00
1.4		1	3	21.67	21.88	21.79	23.00
1.4		1	5	21.79	22.11	21.88	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.00	21.02	21.01	23.00
1.4		3	3	21.02	21.01	21.01	23.00
1.4		6	0	20.39	20.69	20.52	22.00
1.4	64QAM	1	0	20.50	20.79	20.53	22.00
1.4		1	3	20.61	20.86	20.60	22.00
1.4		1	5	20.71	20.91	20.91	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.55	19.68	19.55	21.00
1.4	256QAM	1	0	17.54	17.82	17.61	19.00
1.4		1	3	17.56	17.80	17.56	19.00
1.4		1	5	17.67	17.87	17.72	19.00
1.4		3	0	17.39	17.78	17.53	19.00
1.4		3	1	17.52	17.76	17.67	19.00
1.4		3	3	17.57	17.70	17.50	19.00
1.4		6	0	17.50	17.78	17.63	19.00

<LTE Band 4_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.75	22.90	22.75	24.00
20		1	49	22.61	22.84	22.62	24.00
20		1	99	22.67	22.89	22.60	24.00
20		50	0	21.73	21.93	21.66	23.00
20		50	24	21.57	21.81	21.60	23.00
20		50	50	21.65	21.91	21.74	23.00
20		100	0	21.63	21.89	21.67	23.00
20	16QAM	1	0	21.79	22.07	21.88	23.00
20		1	49	21.95	22.14	21.96	23.00
20		1	99	22.01	22.17	21.93	23.00
20		50	0	20.61	20.83	20.61	22.00
20		50	24	20.65	20.85	20.64	22.00
20		50	50	20.67	20.92	20.71	22.00
20		100	0	20.61	20.86	20.63	22.00
20	64QAM	1	0	20.74	20.92	20.65	22.00
20		1	49	20.87	21.09	20.85	22.00
20		1	99	20.87	21.13	20.88	22.00
20		50	0	19.56	19.82	19.66	21.00
20		50	24	19.67	19.89	19.71	21.00
20		50	50	19.73	19.96	19.80	21.00
20		100	0	19.66	19.90	19.65	21.00
20	256QAM	1	0	17.62	17.87	17.72	19.00
20		1	49	17.76	17.99	17.75	19.00
20		1	99	17.70	17.97	17.75	19.00
20		50	0	17.67	17.80	17.56	19.00
20		50	24	17.71	17.86	17.67	19.00
20		50	50	17.65	17.90	17.67	19.00
20		100	0	17.67	17.87	17.62	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.68	22.85	22.67	24.00
15		1	37	22.47	22.72	22.57	24.00
15		1	74	22.63	22.77	22.56	24.00
15		36	0	21.72	21.90	21.54	23.00
15		36	20	21.47	21.76	21.52	23.00
15		36	39	21.61	21.88	21.68	23.00
15		75	0	21.57	21.81	21.54	23.00
15	16QAM	1	0	21.72	21.99	21.79	23.00
15		1	37	21.83	22.07	21.94	23.00
15		1	74	21.89	22.13	21.81	23.00
15		36	0	20.49	20.73	20.50	22.00
15		36	20	20.61	20.78	20.51	22.00
15		36	39	20.56	20.80	20.67	22.00
15		75	0	20.51	20.74	20.57	22.00
15	64QAM	1	0	20.64	20.79	20.61	22.00
15		1	37	20.81	20.95	20.80	22.00
15		1	74	20.74	21.07	20.81	22.00
15		36	0	19.45	19.77	19.59	21.00
15		36	20	19.53	19.76	19.66	21.00
15		36	39	19.61	19.86	19.77	21.00
15		75	0	19.60	19.88	19.62	21.00
15	256QAM	1	0	17.49	17.84	17.68	19.00
15		1	37	17.71	17.91	17.65	19.00
15		1	74	17.60	17.84	17.73	19.00
15		36	0	17.56	17.73	17.53	19.00
15		36	20	17.67	17.84	17.56	19.00
15		36	39	17.63	17.79	17.60	19.00
15		75	0	17.54	17.72	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.71	22.86	22.62	24.00
10		1	25	22.57	22.69	22.61	24.00
10		1	49	22.59	22.77	22.49	24.00
10		25	0	21.64	21.84	21.54	23.00
10		25	12	21.47	21.68	21.58	23.00
10		25	25	21.55	21.81	21.71	23.00
10		50	0	21.56	21.83	21.59	23.00
10	16QAM	1	0	21.70	21.97	21.74	23.00
10		1	25	21.87	22.10	21.94	23.00
10		1	49	21.93	22.05	21.78	23.00
10		25	0	20.56	20.76	20.50	22.00
10		25	12	20.51	20.84	20.63	22.00
10		25	25	20.62	20.84	20.64	22.00
10		50	0	20.51	20.83	20.52	22.00
10	64QAM	1	0	20.62	20.86	20.53	22.00
10		1	25	20.73	20.99	20.81	22.00
10		1	49	20.85	21.04	20.76	22.00
10		25	0	19.42	19.78	19.57	21.00
10		25	12	19.58	19.77	19.67	21.00
10		25	25	19.61	19.89	19.69	21.00
10		50	0	19.61	19.89	19.56	21.00
10	256QAM	1	0	17.49	17.76	17.60	19.00
10		1	25	17.66	17.94	17.62	19.00
10		1	49	17.68	17.88	17.73	19.00
10		25	0	17.65	17.72	17.43	19.00
10		25	12	17.69	17.81	17.64	19.00
10		25	25	17.57	17.79	17.52	19.00
10		50	0	17.56	17.75	17.55	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1710.5	1732.5	1752.5	
5	QPSK	1	0	22.65	22.81	22.71	24.00
5		1	12	22.54	22.80	22.56	24.00
5		1	24	22.65	22.77	22.54	24.00
5		12	0	21.70	21.79	21.58	23.00
5		12	7	21.49	21.80	21.48	23.00
5		12	13	21.54	21.76	21.62	23.00
5		25	0	21.61	21.80	21.55	23.00
5	16QAM	1	0	21.77	22.05	21.84	23.00
5		1	12	21.85	22.05	21.88	23.00
5		1	24	21.87	22.09	21.81	23.00
5		12	0	20.50	20.78	20.54	22.00
5		12	7	20.62	20.81	20.57	22.00
5		12	13	20.53	20.82	20.62	22.00
5		25	0	20.46	20.72	20.53	22.00
5	64QAM	1	0	20.73	20.85	20.63	22.00
5		1	12	20.84	20.98	20.74	22.00
5		1	24	20.84	21.00	20.87	22.00
5		12	0	19.52	19.67	19.60	21.00
5		12	7	19.64	19.77	19.64	21.00
5		12	13	19.70	19.89	19.78	21.00
5		25	0	19.51	19.79	19.56	21.00
5	256QAM	1	0	17.57	17.79	17.57	19.00
5		1	12	17.63	17.86	17.63	19.00
5		1	24	17.65	17.93	17.62	19.00
5		12	0	17.66	17.69	17.54	19.00
5		12	7	17.59	17.84	17.56	19.00
5		12	13	17.55	17.82	17.56	19.00
5		25	0	17.61	17.78	17.48	19.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.67	22.85	22.69	24.00
3		1	8	22.56	22.74	22.54	24.00
3		1	14	22.65	22.86	22.55	24.00
3		8	0	21.70	21.90	21.62	23.00
3		8	4	21.55	21.78	21.53	23.00
3		8	7	21.64	21.77	21.72	23.00
3		15	0	21.60	21.85	21.61	23.00
3	16QAM	1	0	21.75	22.04	21.77	23.00
3		1	8	21.88	22.08	21.89	23.00
3		1	14	21.89	22.05	21.90	23.00
3		8	0	20.52	20.81	20.56	22.00
3		8	4	20.54	20.70	20.50	22.00
3		8	7	20.60	20.86	20.62	22.00
3		15	0	20.54	20.82	20.57	22.00
3	64QAM	1	0	20.71	20.86	20.59	22.00
3		1	8	20.81	21.02	20.71	22.00
3		1	14	20.73	21.03	20.82	22.00
3		8	0	19.41	19.69	19.57	21.00
3		8	4	19.52	19.81	19.60	21.00
3		8	7	19.66	19.84	19.71	21.00
3		15	0	19.55	19.88	19.56	21.00
3	256QAM	1	0	17.60	17.83	17.58	19.00
3		1	8	17.67	17.95	17.61	19.00
3		1	14	17.55	17.89	17.72	19.00
3		8	0	17.63	17.69	17.51	19.00
3		8	4	17.62	17.74	17.65	19.00
3		8	7	17.61	17.88	17.57	19.00
3		15	0	17.56	17.78	17.60	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.60	22.82	22.67	24.00
1.4		1	3	22.56	22.70	22.48	24.00
1.4		1	5	22.60	22.85	22.49	24.00
1.4		3	0	22.01	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.01	22.00	24.00
1.4		6	0	21.52	21.80	21.56	23.00
1.4	16QAM	1	0	21.77	21.93	21.73	23.00
1.4		1	3	21.92	22.05	21.88	23.00
1.4		1	5	21.97	22.14	21.83	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.00	21.00	23.00
1.4		3	3	21.00	21.00	21.02	23.00
1.4		6	0	20.60	20.71	20.54	22.00
1.4	64QAM	1	0	20.72	20.90	20.53	22.00
1.4		1	3	20.74	20.97	20.79	22.00
1.4		1	5	20.78	21.07	20.78	22.00
1.4		3	0	20.00	20.01	20.00	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.02	20.02	22.00
1.4		6	0	19.63	19.86	19.53	21.00
1.4	256QAM	1	0	17.55	17.85	17.65	19.00
1.4		1	3	17.67	17.97	17.68	19.00
1.4		1	5	17.67	17.94	17.67	19.00
1.4		3	0	17.65	17.87	17.44	19.00
1.4		3	1	17.65	17.75	17.58	19.00
1.4		3	3	17.62	17.80	17.55	19.00
1.4		6	0	17.59	17.85	17.49	19.00

<LTE Band 5_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.97	22.98	22.95	24.00
10		1	25	22.80	22.89	22.82	24.00
10		1	49	22.01	22.00	22.00	24.00
10		25	0	21.80	21.93	21.84	23.00
10		25	12	21.82	21.91	21.78	23.00
10		25	25	21.77	21.91	21.75	23.00
10		50	0	21.86	21.92	21.82	23.00
10	16QAM	1	0	22.18	22.29	22.23	23.00
10		1	25	22.06	22.15	21.99	23.00
10		1	49	22.01	22.14	22.06	23.00
10		25	0	20.81	20.90	20.78	22.00
10		25	12	20.74	20.89	20.83	22.00
10		25	25	20.75	20.88	20.82	22.00
10		50	0	20.76	20.91	20.84	22.00
10	64QAM	1	0	21.00	21.07	20.96	22.00
10		1	25	21.00	21.09	20.98	22.00
10		1	49	21.05	21.09	21.00	22.00
10		25	0	19.86	19.89	19.94	21.00
10		25	12	19.74	19.87	19.78	21.00
10		25	25	19.73	19.88	19.83	21.00
10		50	0	19.80	19.90	19.76	21.00
10	256QAM	1	0	17.99	18.03	17.97	19.00
10		1	25	17.85	17.98	17.94	19.00
10		1	49	17.88	17.91	17.79	19.00
10		25	0	17.91	17.93	17.84	19.00
10		25	12	17.87	17.95	17.87	19.00
10		25	25	17.83	17.91	17.82	19.00
10		50	0	17.86	17.93	17.85	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.85	22.90	22.87	24.00
5		1	12	22.74	22.80	22.71	24.00
5		1	24	22.02	22.02	22.00	24.00
5		12	0	21.71	21.79	21.75	23.00
5		12	7	21.71	21.88	21.67	23.00
5		12	13	21.68	21.88	21.65	23.00
5		25	0	21.73	21.88	21.68	23.00
5	16QAM	1	0	22.17	22.19	22.14	23.00
5		1	12	21.99	22.01	21.88	23.00
5		1	24	21.87	22.02	22.02	23.00
5		12	0	20.71	20.83	20.70	22.00
5		12	7	20.71	20.85	20.70	22.00
5		12	13	20.62	20.82	20.75	22.00
5		25	0	20.62	20.79	20.74	22.00
5	64QAM	1	0	20.89	21.05	20.91	22.00
5		1	12	20.96	21.04	20.89	22.00
5		1	24	20.92	21.06	20.97	22.00
5		12	0	19.78	19.78	19.81	21.00
5		12	7	19.62	19.81	19.76	21.00
5		12	13	19.62	19.73	19.72	21.00
5		25	0	19.76	19.85	19.75	21.00
5	256QAM	1	0	17.87	17.98	17.82	19.00
5		1	12	17.74	17.87	17.87	19.00
5		1	24	17.85	17.80	17.66	19.00
5		12	0	17.86	17.89	17.80	19.00
5		12	7	17.74	17.86	17.72	19.00
5		12	13	17.75	17.83	17.78	19.00
5		25	0	17.80	17.87	17.83	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.89	22.80	24.00
3		1	8	22.77	22.87	22.71	24.00
3		1	14	22.00	22.00	22.00	24.00
3		8	0	21.72	21.78	21.79	23.00
3		8	4	21.80	21.89	21.65	23.00
3		8	7	21.71	21.88	21.72	23.00
3		15	0	21.81	21.81	21.80	23.00
3	16QAM	1	0	22.15	22.18	22.21	23.00
3		1	8	21.93	22.05	21.89	23.00
3		1	14	21.98	22.04	22.00	23.00
3		8	0	20.72	20.85	20.63	22.00
3		8	4	20.68	20.75	20.73	22.00
3		8	7	20.65	20.82	20.77	22.00
3		15	0	20.63	20.78	20.77	22.00
3	64QAM	1	0	20.89	21.03	20.89	22.00
3		1	8	20.90	21.05	20.97	22.00
3		1	14	21.02	20.96	20.91	22.00
3		8	0	19.77	19.86	19.80	21.00
3		8	4	19.64	19.82	19.67	21.00
3		8	7	19.63	19.78	19.79	21.00
3		15	0	19.70	19.83	19.74	21.00
3	256QAM	1	0	17.92	17.91	17.87	19.00
3		1	8	17.81	17.86	17.82	19.00
3		1	14	17.86	17.78	17.72	19.00
3		8	0	17.82	17.83	17.71	19.00
3		8	4	17.73	17.83	17.77	19.00
3		8	7	17.72	17.85	17.69	19.00
3		15	0	17.83	17.82	17.73	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.91	22.93	24.00
1.4		1	3	22.69	22.85	22.76	24.00
1.4		1	5	22.00	22.00	22.02	24.00
1.4		3	0	22.00	22.01	22.01	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.81	21.89	21.79	23.00
1.4	16QAM	1	0	22.16	22.16	22.13	23.00
1.4		1	3	21.93	22.01	21.93	23.00
1.4		1	5	21.97	22.03	21.96	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.02	21.00	23.00
1.4		3	3	21.00	21.00	21.00	23.00
1.4		6	0	20.81	20.81	20.70	22.00
1.4	64QAM	1	0	20.96	21.00	20.94	22.00
1.4		1	3	20.89	20.94	20.85	22.00
1.4		1	5	21.00	21.04	20.86	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.02	20.01	20.00	22.00
1.4		6	0	19.71	19.76	19.67	21.00
1.4	256QAM	1	0	17.96	18.02	17.83	19.00
1.4		1	3	17.73	17.86	17.89	19.00
1.4		1	5	17.73	17.88	17.71	19.00
1.4		3	0	17.76	17.79	17.74	19.00
1.4		3	1	17.85	17.93	17.82	19.00
1.4		3	3	17.82	17.89	17.73	19.00
1.4		6	0	17.76	17.86	17.84	19.00

<LTE Band 12_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.92	22.99	22.69	24.00
10		1	25	22.64	22.85	22.43	24.00
10		1	49	22.68	22.89	22.56	24.00
10		25	0	21.74	21.89	21.56	23.00
10		25	12	21.63	21.84	21.53	23.00
10		25	25	21.68	21.88	21.53	23.00
10		50	0	21.70	21.88	21.57	23.00
10	16QAM	1	0	22.26	22.36	21.94	23.00
10		1	25	22.01	22.19	21.80	23.00
10		1	49	22.18	22.28	21.87	23.00
10		25	0	20.69	20.78	20.41	22.00
10		25	12	20.73	20.81	20.42	22.00
10		25	25	20.80	20.89	20.47	22.00
10		50	0	20.66	20.83	20.54	22.00
10	64QAM	1	0	21.02	21.21	20.87	22.00
10		1	25	20.93	21.04	20.63	22.00
10		1	49	21.03	21.17	20.88	22.00
10		25	0	19.65	19.75	19.39	21.00
10		25	12	19.56	19.75	19.41	21.00
10		25	25	19.72	19.85	19.52	21.00
10		50	0	19.77	19.86	19.51	21.00
10	256QAM	1	0	17.95	18.14	17.82	19.00
10		1	25	17.89	18.03	17.73	19.00
10		1	49	17.94	18.07	17.78	19.00
10		25	0	17.76	17.86	17.54	19.00
10		25	12	17.76	17.88	17.62	19.00
10		25	25	17.86	17.94	17.58	19.00
10		50	0	17.72	17.92	17.59	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.84	22.89	22.68	24.00
5		1	12	22.62	22.72	22.30	24.00
5		1	24	22.62	22.81	22.52	24.00
5		12	0	21.60	21.82	21.44	23.00
5		12	7	21.62	21.79	21.51	23.00
5		12	13	21.58	21.77	21.42	23.00
5		25	0	21.64	21.86	21.55	23.00
5	16QAM	1	0	22.18	22.27	21.93	23.00
5		1	12	21.96	22.13	21.73	23.00
5		1	24	22.08	22.13	21.84	23.00
5		12	0	20.57	20.69	20.32	22.00
5		12	7	20.63	20.80	20.37	22.00
5		12	13	20.71	20.75	20.38	22.00
5		25	0	20.58	20.71	20.53	22.00
5	64QAM	1	0	20.95	21.13	20.83	22.00
5		1	12	20.87	21.02	20.50	22.00
5		1	24	20.95	21.03	20.87	22.00
5		12	0	19.63	19.63	19.29	21.00
5		12	7	19.45	19.72	19.32	21.00
5		12	13	19.62	19.77	19.38	21.00
5		25	0	19.75	19.84	19.39	21.00
5	256QAM	1	0	17.80	18.11	17.69	19.00
5		1	12	17.83	17.99	17.70	19.00
5		1	24	17.92	17.98	17.63	19.00
5		12	0	17.71	17.81	17.41	19.00
5		12	7	17.70	17.78	17.57	19.00
5		12	13	17.79	17.85	17.55	19.00
5		25	0	17.60	17.88	17.46	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.87	22.93	22.55	24.00
3		1	8	22.59	22.78	22.37	24.00
3		1	14	22.56	22.68	22.53	24.00
3		8	0	21.72	21.74	21.53	23.00
3		8	4	21.60	21.81	21.38	23.00
3		8	7	21.60	21.81	21.45	23.00
3		15	0	21.58	21.79	21.50	23.00
3	16QAM	1	0	22.19	22.32	21.90	23.00
3		1	8	21.91	22.05	21.66	23.00
3		1	14	22.11	22.21	21.82	23.00
3		8	0	20.64	20.73	20.26	22.00
3		8	4	20.59	20.74	20.35	22.00
3		8	7	20.72	20.86	20.37	22.00
3		15	0	20.55	20.81	20.52	22.00
3	64QAM	1	0	21.01	21.10	20.81	22.00
3		1	8	20.86	20.89	20.52	22.00
3		1	14	20.93	21.03	20.79	22.00
3		8	0	19.52	19.70	19.34	21.00
3		8	4	19.50	19.68	19.34	21.00
3		8	7	19.58	19.74	19.41	21.00
3		15	0	19.74	19.85	19.46	21.00
3	256QAM	1	0	17.85	18.01	17.77	19.00
3		1	8	17.82	17.90	17.66	19.00
3		1	14	17.91	18.01	17.73	19.00
3		8	0	17.68	17.75	17.48	19.00
3		8	4	17.61	17.80	17.51	19.00
3		8	7	17.84	17.86	17.51	19.00
3		15	0	17.58	17.79	17.55	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.84	22.92	22.59	24.00
1.4		1	3	22.52	22.77	22.35	24.00
1.4		1	5	22.62	22.86	22.47	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.01	24.00
1.4		3	3	22.01	22.01	22.01	24.00
1.4		6	0	21.56	21.76	21.45	23.00
1.4	16QAM	1	0	22.18	22.29	21.84	23.00
1.4		1	3	21.90	22.13	21.68	23.00
1.4		1	5	22.11	22.19	21.77	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.01	21.00	23.00
1.4		3	3	21.02	21.00	21.01	23.00
1.4		6	0	20.61	20.76	20.52	22.00
1.4	64QAM	1	0	20.88	21.14	20.81	22.00
1.4		1	3	20.90	20.96	20.62	22.00
1.4		1	5	21.01	21.05	20.79	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.71	19.82	19.49	21.00
1.4	256QAM	1	0	17.93	18.08	17.80	19.00
1.4		1	3	17.85	17.89	17.65	19.00
1.4		1	5	17.79	17.97	17.64	19.00
1.4		3	0	17.70	17.74	17.43	19.00
1.4		3	1	17.67	17.80	17.52	19.00
1.4		3	3	17.82	17.88	17.55	19.00
1.4		6	0	17.63	17.78	17.54	19.00

<LTE Band 13_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.95		24.00
10		1	25		22.87		24.00
10		1	49		22.85		24.00
10		25	0		21.90		23.00
10		25	12		21.84		23.00
10		25	25		21.86		23.00
10		50	0		21.90		23.00
10	16QAM	1	0		22.33		23.00
10		1	25		22.17		23.00
10		1	49		22.15		23.00
10		25	0		20.84		22.00
10		25	12		20.88		22.00
10		25	25		20.87		22.00
10		50	0		20.91		22.00
10	64QAM	1	0		21.12		22.00
10		1	25		20.98		22.00
10		1	49		21.04		22.00
10		25	0		19.83		21.00
10		25	12		19.87		21.00
10		25	25		19.84		21.00
10		50	0		19.86		21.00
10	256QAM	1	0		18.14		19.00
10		1	25		18.07		19.00
10		1	49		18.02		19.00
10		25	0		17.93		19.00
10		25	12		17.94		19.00
10		25	25		17.93		19.00
10		50	0		17.99		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.86	22.92	22.90	24.00
5		1	12	22.70	22.79	22.76	24.00
5		1	24	22.70	22.88	22.75	24.00
5		12	0	21.62	21.80	21.69	23.00
5		12	7	21.58	21.79	21.85	23.00
5		12	13	21.84	21.94	21.88	23.00
5		25	0	21.76	21.92	21.85	23.00
5	16QAM	1	0	22.33	22.40	22.30	23.00
5		1	12	22.01	22.19	22.14	23.00
5		1	24	22.02	22.16	22.02	23.00
5		12	0	20.70	20.89	20.78	22.00
5		12	7	20.75	20.92	20.76	22.00
5		12	13	20.77	20.85	20.79	22.00
5		25	0	20.77	20.84	20.77	22.00
5	64QAM	1	0	20.99	21.15	21.04	22.00
5		1	12	20.84	20.97	20.91	22.00
5		1	24	20.83	20.96	20.91	22.00
5		12	0	19.74	19.90	19.80	21.00
5		12	7	19.71	19.83	19.74	21.00
5		12	13	19.77	19.89	19.73	21.00
5		25	0	19.67	19.85	19.68	21.00
5	256QAM	1	0	18.06	18.15	18.03	19.00
5		1	12	17.95	18.14	18.11	19.00
5		1	24	17.80	17.95	17.91	19.00
5		12	0	17.72	17.90	17.82	19.00
5		12	7	17.76	17.87	17.84	19.00
5		12	13	17.89	17.95	17.80	19.00
5		25	0	17.92	18.07	18.01	19.00

<LTE Band 14_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.89		24.00
10		1	49		22.91		24.00
10		25	0		21.93		23.00
10		25	12		21.91		23.00
10		25	25		21.92		23.00
10		50	0		21.96		23.00
10	16QAM	1	0		22.32		23.00
10		1	25		22.12		23.00
10		1	49		22.28		23.00
10		25	0		20.93		22.00
10		25	12		20.93		22.00
10		25	25		20.88		22.00
10		50	0		20.94		22.00
10	64QAM	1	0		21.28		22.00
10		1	25		21.10		22.00
10		1	49		21.14		22.00
10		25	0		19.92		21.00
10		25	12		19.92		21.00
10		25	25		19.87		21.00
10		50	0		19.93		21.00
10	256QAM	1	0		18.21		19.00
10		1	25		18.12		19.00
10		1	49		18.00		19.00
10		25	0		17.91		19.00
10		25	12		17.94		19.00
10		25	25		17.89		19.00
10		50	0		17.96		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.96	22.86	24.00
5		1	12	22.83	22.89	22.86	24.00
5		1	24	22.84	22.89	22.77	24.00
5		12	0	21.80	21.97	21.77	23.00
5		12	7	21.80	21.97	21.75	23.00
5		12	13	21.65	21.81	21.63	23.00
5		25	0	21.81	21.91	21.73	23.00
5	16QAM	1	0	22.19	22.37	22.16	23.00
5		1	12	22.05	22.10	21.96	23.00
5		1	24	22.17	22.28	22.04	23.00
5		12	0	20.81	20.97	20.76	22.00
5		12	7	20.86	21.00	20.79	22.00
5		12	13	20.71	20.85	20.70	22.00
5		25	0	20.79	20.88	20.86	22.00
5	64QAM	1	0	21.18	21.31	21.12	22.00
5		1	12	20.98	21.05	20.93	22.00
5		1	24	21.07	21.13	20.91	22.00
5		12	0	19.77	19.90	19.69	21.00
5		12	7	19.85	19.96	19.76	21.00
5		12	13	19.77	19.84	19.73	21.00
5		25	0	19.85	19.99	19.86	21.00
5	256QAM	1	0	18.07	18.14	17.96	19.00
5		1	12	17.90	18.01	17.81	19.00
5		1	24	17.75	17.91	17.70	19.00
5		12	0	17.77	17.93	17.80	19.00
5		12	7	17.94	17.98	17.78	19.00
5		12	13	17.83	17.94	17.85	19.00
5		25	0	17.92	17.97	17.77	19.00

<LTE Band 17_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.91	22.98	22.63	24.00
10		1	25	22.80	22.96	22.60	24.00
10		1	49	22.77	22.95	22.47	24.00
10		25	0	21.75	21.93	21.49	23.00
10		25	12	21.76	21.87	21.48	23.00
10		25	25	21.76	21.92	21.54	23.00
10		50	0	21.77	21.86	21.46	23.00
10	16QAM	1	0	21.94	22.06	21.68	23.00
10		1	25	22.11	22.30	21.82	23.00
10		1	49	22.03	22.21	21.77	23.00
10		25	0	20.76	20.83	20.47	22.00
10		25	12	20.75	20.96	20.57	22.00
10		25	25	20.71	20.92	20.50	22.00
10		50	0	20.66	20.84	20.40	22.00
10	64QAM	1	0	20.75	20.91	20.54	22.00
10		1	25	21.07	21.16	20.80	22.00
10		1	49	21.09	21.19	20.86	22.00
10		25	0	19.58	19.78	19.45	21.00
10		25	12	19.72	19.93	19.50	21.00
10		25	25	19.74	19.89	19.44	21.00
10		50	0	19.67	19.85	19.43	21.00
10	256QAM	1	0	17.66	17.81	17.43	19.00
10		1	25	17.91	18.10	17.68	19.00
10		1	49	17.77	17.97	17.56	19.00
10		25	0	17.62	17.80	17.43	19.00
10		25	12	17.78	17.96	17.59	19.00
10		25	25	17.69	17.88	17.46	19.00
10		50	0	17.72	17.85	17.43	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.79	22.94	22.61	24.00
5		1	12	22.69	22.82	22.47	24.00
5		1	24	22.72	22.80	22.39	24.00
5		12	0	21.65	21.88	21.44	23.00
5		12	7	21.65	21.77	21.40	23.00
5		12	13	21.63	21.84	21.49	23.00
5		25	0	21.72	21.76	21.39	23.00
5	16QAM	1	0	21.87	21.92	21.59	23.00
5		1	12	22.03	22.23	21.80	23.00
5		1	24	21.92	22.15	21.63	23.00
5		12	0	20.69	20.77	20.34	22.00
5		12	7	20.72	20.87	20.48	22.00
5		12	13	20.64	20.87	20.38	22.00
5		25	0	20.65	20.82	20.34	22.00
5	64QAM	1	0	20.69	20.76	20.53	22.00
5		1	12	21.01	21.05	20.71	22.00
5		1	24	21.00	21.12	20.72	22.00
5		12	0	19.44	19.71	19.35	21.00
5		12	7	19.61	19.80	19.41	21.00
5		12	13	19.67	19.86	19.41	21.00
5		25	0	19.58	19.82	19.36	21.00
5	256QAM	1	0	17.54	17.68	17.32	19.00
5		1	12	17.82	18.09	17.61	19.00
5		1	24	17.67	17.88	17.52	19.00
5		12	0	17.50	17.75	17.37	19.00
5		12	7	17.66	17.91	17.51	19.00
5		12	13	17.65	17.80	17.38	19.00
5		25	0	17.65	17.80	17.42	19.00

<LTE Band 25_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.84	22.95	22.84	24.00
20		1	49	22.73	22.87	22.67	24.00
20		1	99	22.79	22.92	22.73	24.00
20		50	0	21.77	21.98	21.86	23.00
20		50	24	21.81	21.96	21.74	23.00
20		50	50	21.77	21.95	21.73	23.00
20		100	0	21.78	21.92	21.78	23.00
20	16QAM	1	0	22.06	22.18	21.97	23.00
20		1	49	22.16	22.35	22.21	23.00
20		1	99	22.12	22.28	22.13	23.00
20		50	0	20.78	20.95	20.80	22.00
20		50	24	20.75	20.96	20.72	22.00
20		50	50	20.82	20.96	20.71	22.00
20		100	0	20.75	20.95	20.82	22.00
20	64QAM	1	0	20.88	21.09	20.93	22.00
20		1	49	20.90	21.14	20.89	22.00
20		1	99	20.98	21.16	21.03	22.00
20		50	0	19.90	20.11	19.94	21.00
20		50	24	19.82	19.99	19.81	21.00
20		50	50	19.76	19.97	19.84	21.00
20		100	0	19.74	19.97	19.73	21.00
20	256QAM	1	0	17.87	17.98	17.79	19.00
20		1	49	18.01	18.19	18.03	19.00
20		1	99	17.98	18.08	17.92	19.00
20		50	0	17.81	18.00	17.82	19.00
20		50	24	17.76	17.99	17.87	19.00
20		50	50	17.85	18.01	17.82	19.00
20		100	0	17.87	17.98	17.84	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.81	22.90	22.77	24.00
15		1	37	22.63	22.84	22.66	24.00
15		1	74	22.75	22.85	22.71	24.00
15		36	0	21.63	21.93	21.84	23.00
15		36	20	21.76	21.93	21.72	23.00
15		36	39	21.68	21.81	21.67	23.00
15		75	0	21.72	21.87	21.75	23.00
15	16QAM	1	0	21.93	22.03	21.87	23.00
15		1	37	22.02	22.30	22.06	23.00
15		1	74	22.02	22.22	22.03	23.00
15		36	0	20.76	20.84	20.71	22.00
15		36	20	20.70	20.93	20.70	22.00
15		36	39	20.80	20.94	20.67	22.00
15		75	0	20.73	20.93	20.74	22.00
15	64QAM	1	0	20.76	21.08	20.80	22.00
15		1	37	20.84	21.08	20.82	22.00
15		1	74	20.87	21.03	20.94	22.00
15		36	0	19.80	20.07	19.90	21.00
15		36	20	19.72	19.91	19.71	21.00
15		36	39	19.66	19.86	19.75	21.00
15		75	0	19.70	19.95	19.61	21.00
15	256QAM	1	0	17.78	17.84	17.72	19.00
15		1	37	17.90	18.06	17.92	19.00
15		1	74	17.93	18.03	17.83	19.00
15		36	0	17.74	17.91	17.79	19.00
15		36	20	17.72	17.96	17.79	19.00
15		36	39	17.77	17.96	17.80	19.00
15		75	0	17.72	17.92	17.76	19.00
Channel				26090	26340	26540	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.71	22.91	22.77	24.00
10		1	25	22.67	22.79	22.52	24.00
10		1	49	22.67	22.77	22.61	24.00
10		25	0	21.64	21.89	21.79	23.00
10		25	12	21.73	21.89	21.69	23.00
10		25	25	21.64	21.80	21.71	23.00
10		50	0	21.73	21.84	21.66	23.00
10	16QAM	1	0	21.93	22.05	21.91	23.00
10		1	25	22.04	22.28	22.15	23.00
10		1	49	22.11	22.22	22.08	23.00
10		25	0	20.71	20.81	20.66	22.00
10		25	12	20.64	20.89	20.70	22.00
10		25	25	20.76	20.87	20.67	22.00
10		50	0	20.66	20.89	20.74	22.00
10	64QAM	1	0	20.79	21.00	20.90	22.00
10		1	25	20.86	21.01	20.84	22.00
10		1	49	20.86	21.05	20.90	22.00
10		25	0	19.88	20.03	19.84	21.00
10		25	12	19.69	19.93	19.78	21.00
10		25	25	19.71	19.93	19.73	21.00
10		50	0	19.71	19.87	19.67	21.00
10	256QAM	1	0	17.75	17.87	17.74	19.00
10		1	25	17.89	18.11	17.96	19.00
10		1	49	17.85	18.06	17.82	19.00
10		25	0	17.76	17.93	17.69	19.00
10		25	12	17.69	17.92	17.81	19.00
10		25	25	17.72	17.88	17.69	19.00
10		50	0	17.84	17.92	17.79	19.00
Channel				26065	26340	26565	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.83	22.81	22.82	24.00
5		1	12	22.68	22.81	22.54	24.00
5		1	24	22.68	22.81	22.69	24.00
5		12	0	21.66	21.85	21.78	23.00
5		12	7	21.74	21.90	21.64	23.00
5		12	13	21.68	21.85	21.59	23.00
5		25	0	21.75	21.85	21.75	23.00
5	16QAM	1	0	22.04	22.15	21.91	23.00
5		1	12	22.03	22.32	22.12	23.00
5		1	24	22.07	22.13	22.00	23.00
5		12	0	20.69	20.81	20.72	22.00
5		12	7	20.66	20.92	20.70	22.00
5		12	13	20.80	20.87	20.59	22.00
5		25	0	20.63	20.91	20.78	22.00
5	64QAM	1	0	20.86	21.06	20.90	22.00
5		1	12	20.80	21.04	20.88	22.00
5		1	24	20.94	21.05	20.97	22.00
5		12	0	19.83	20.05	19.87	21.00
5		12	7	19.76	19.87	19.67	21.00
5		12	13	19.73	19.88	19.73	21.00
5		25	0	19.71	19.93	19.64	21.00
5	256QAM	1	0	17.79	17.92	17.70	19.00
5		1	12	17.98	18.09	17.90	19.00
5		1	24	17.84	17.94	17.90	19.00
5		12	0	17.69	17.94	17.71	19.00
5		12	7	17.69	17.87	17.80	19.00
5		12	13	17.76	17.94	17.72	19.00
5		25	0	17.81	17.84	17.74	19.00
Channel				26055	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.75	22.81	22.81	24.00
3		1	8	22.67	22.78	22.52	24.00
3		1	14	22.76	22.84	22.68	24.00
3		8	0	21.67	21.93	21.77	23.00
3		8	4	21.73	21.85	21.72	23.00
3		8	7	21.75	21.93	21.59	23.00
3		15	0	21.64	21.89	21.67	23.00
3	16QAM	1	0	21.98	22.09	21.96	23.00
3		1	8	22.07	22.28	22.11	23.00
3		1	14	22.00	22.15	22.07	23.00
3		8	0	20.75	20.82	20.72	22.00
3		8	4	20.69	20.89	20.63	22.00
3		8	7	20.77	20.89	20.65	22.00
3		15	0	20.68	20.89	20.71	22.00
3	64QAM	1	0	20.74	21.02	20.86	22.00
3		1	8	20.84	21.08	20.83	22.00
3		1	14	20.97	21.02	20.94	22.00
3		8	0	19.88	20.07	19.84	21.00
3		8	4	19.68	19.89	19.77	21.00
3		8	7	19.73	19.93	19.76	21.00
3		15	0	19.66	19.91	19.68	21.00
3	256QAM	1	0	17.77	17.93	17.68	19.00
3		1	8	17.97	18.15	17.91	19.00
3		1	14	17.96	17.95	17.90	19.00
3		8	0	17.66	17.98	17.70	19.00
3		8	4	17.71	17.88	17.77	19.00
3		8	7	17.72	17.97	17.78	19.00
3		15	0	17.75	17.92	17.75	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.82	22.90	22.69	24.00
1.4		1	3	22.66	22.80	22.55	24.00
1.4		1	5	22.76	22.81	22.60	24.00
1.4		3	0	22.00	22.00	22.02	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.73	21.89	21.64	23.00
1.4	16QAM	1	0	21.96	22.03	21.93	23.00
1.4		1	3	22.10	22.21	22.08	23.00
1.4		1	5	22.07	22.16	22.10	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.01	21.00	21.00	23.00
1.4		3	3	21.02	21.00	21.00	23.00
1.4		6	0	20.64	20.89	20.73	22.00
1.4	64QAM	1	0	20.83	20.99	20.92	22.00
1.4		1	3	20.87	21.05	20.79	22.00
1.4		1	5	20.87	21.04	20.91	22.00
1.4		3	0	20.01	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.02	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.69	19.84	19.62	21.00
1.4	256QAM	1	0	17.79	17.95	17.66	19.00
1.4		1	3	17.89	18.18	17.89	19.00
1.4		1	5	17.94	18.04	17.89	19.00
1.4		3	0	17.77	17.87	17.74	19.00
1.4		3	1	17.71	17.94	17.85	19.00
1.4		3	3	17.74	17.96	17.79	19.00
1.4		6	0	17.82	17.91	17.80	19.00

<LTE Band 26_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.92	22.96	22.94	24.00
15		1	37	22.77	22.94	22.85	24.00
15		1	74	22.81	22.90	22.81	24.00
15		36	0	21.82	21.88	21.82	23.00
15		36	20	21.74	21.85	21.79	23.00
15		36	39	21.68	21.86	21.79	23.00
15		75	0	21.79	21.89	21.79	23.00
15	16QAM	1	0	22.21	22.29	22.22	23.00
15		1	37	22.12	22.23	22.11	23.00
15		1	74	22.08	22.23	22.14	23.00
15		36	0	20.81	20.90	20.83	22.00
15		36	20	20.75	20.88	20.72	22.00
15		36	39	20.81	20.92	20.83	22.00
15		75	0	20.74	20.89	20.80	22.00
15	64QAM	1	0	21.06	21.16	21.10	22.00
15		1	37	20.99	21.09	21.00	22.00
15		1	74	21.07	21.13	20.99	22.00
15		36	0	19.87	19.92	19.78	21.00
15		36	20	19.77	19.93	19.87	21.00
15		36	39	19.83	19.92	19.88	21.00
15		75	0	19.84	19.90	19.74	21.00
15	256QAM	1	0	18.05	18.12	18.05	19.00
15		1	37	18.00	18.13	18.07	19.00
15		1	74	18.03	18.10	17.94	19.00
15		36	0	17.89	17.96	17.89	19.00
15		36	20	17.92	17.97	17.93	19.00
15		36	39	17.80	17.96	17.86	19.00
15		75	0	17.83	17.96	17.81	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.88	22.87	22.92	24.00
10		1	25	22.64	22.91	22.84	24.00
10		1	49	22.68	22.78	22.73	24.00
10		25	0	21.70	21.83	21.67	23.00
10		25	12	21.70	21.73	21.56	23.00
10		25	25	21.57	21.84	21.74	23.00
10		50	0	21.73	21.75	21.68	23.00
10	16QAM	1	0	22.07	22.18	22.19	23.00
10		1	25	22.01	22.12	22.08	23.00
10		1	49	21.99	22.09	22.03	23.00
10		25	0	20.80	20.85	20.73	22.00
10		25	12	20.69	20.79	20.58	22.00
10		25	25	20.73	20.88	20.80	22.00
10		50	0	20.68	20.87	20.71	22.00
10	64QAM	1	0	21.00	21.12	21.06	22.00
10		1	25	20.97	21.02	20.98	22.00
10		1	49	21.05	21.11	20.85	22.00
10		25	0	19.75	19.78	19.74	21.00
10		25	12	19.63	19.92	19.77	21.00
10		25	25	19.69	19.78	19.67	21.00
10		50	0	19.80	19.78	19.69	21.00
10	256QAM	1	0	17.94	18.03	17.97	19.00
10		1	25	17.90	17.98	17.97	19.00
10		1	49	17.89	18.00	17.87	19.00
10		25	0	17.84	17.91	17.75	19.00
10		25	12	17.81	17.93	17.79	19.00
10		25	25	17.70	17.91	17.76	19.00
10		50	0	17.78	17.90	17.79	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.78	22.92	22.84	24.00
5		1	12	22.72	22.89	22.80	24.00
5		1	24	22.75	22.86	22.76	24.00
5		12	0	21.76	21.86	21.75	23.00
5		12	7	21.73	21.78	21.64	23.00
5		12	13	21.54	21.76	21.67	23.00
5		25	0	21.73	21.84	21.73	23.00
5	16QAM	1	0	22.10	22.18	22.08	23.00
5		1	12	22.03	22.14	22.01	23.00
5		1	24	21.94	22.14	22.04	23.00
5		12	0	20.75	20.76	20.75	22.00
5		12	7	20.69	20.84	20.63	22.00
5		12	13	20.77	20.86	20.79	22.00
5		25	0	20.82	20.74	20.67	22.00
5	64QAM	1	0	21.01	21.07	21.03	22.00
5		1	12	20.87	20.98	20.86	22.00
5		1	24	20.94	21.05	20.94	22.00
5		12	0	19.74	19.85	19.68	21.00
5		12	7	19.68	19.84	19.73	21.00
5		12	13	19.71	19.89	19.79	21.00
5		25	0	19.76	19.85	19.59	21.00
5	256QAM	1	0	17.90	18.10	17.94	19.00
5		1	12	17.93	18.00	18.03	19.00
5		1	24	17.90	18.00	17.90	19.00
5		12	0	17.83	17.82	17.88	19.00
5		12	7	17.81	17.92	17.80	19.00
5		12	13	17.72	17.94	17.80	19.00
5		25	0	17.73	17.84	17.75	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.80	22.92	22.87	24.00
3		1	8	22.73	22.91	22.78	24.00
3		1	14	22.73	22.76	22.75	24.00
3		8	0	21.71	21.74	21.69	23.00
3		8	4	21.60	21.84	21.62	23.00
3		8	7	21.57	21.81	21.72	23.00
3		15	0	21.74	21.83	21.73	23.00
3	16QAM	1	0	22.14	22.24	22.19	23.00
3		1	8	22.03	22.17	22.03	23.00
3		1	14	22.03	22.14	22.09	23.00
3		8	0	20.73	20.85	20.80	22.00
3		8	4	20.70	20.82	20.62	22.00
3		8	7	20.71	20.81	20.77	22.00
3		15	0	20.62	20.84	20.76	22.00
3	64QAM	1	0	20.95	21.02	20.97	22.00
3		1	8	20.90	21.01	20.88	22.00
3		1	14	20.94	21.12	20.93	22.00
3		8	0	19.83	19.89	19.72	21.00
3		8	4	19.70	19.82	19.82	21.00
3		8	7	19.80	19.81	19.82	21.00
3		15	0	19.82	19.83	19.71	21.00
3	256QAM	1	0	17.92	18.07	17.91	19.00
3		1	8	17.89	18.11	18.06	19.00
3		1	14	17.91	18.06	17.82	19.00
3		8	0	17.75	17.87	17.85	19.00
3		8	4	17.78	17.83	17.84	19.00
3		8	7	17.77	17.88	17.80	19.00
3		15	0	17.69	17.85	17.69	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.90	22.94	22.90	24.00
1.4		1	3	22.63	22.90	22.79	24.00
1.4		1	5	22.68	22.81	22.68	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.77	21.79	21.74	23.00
1.4	16QAM	1	0	22.15	22.26	22.10	23.00
1.4		1	3	22.08	22.11	22.03	23.00
1.4		1	5	21.98	22.09	22.01	23.00
1.4		3	0	21.02	21.01	21.00	23.00
1.4		3	1	21.00	21.02	21.02	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.66	20.85	20.74	22.00
1.4	64QAM	1	0	20.92	21.15	20.96	22.00
1.4		1	3	20.86	21.08	20.94	22.00
1.4		1	5	20.98	21.11	20.84	22.00
1.4		3	0	20.02	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.01	20.01	20.00	22.00
1.4		6	0	19.76	19.77	19.67	21.00
1.4	256QAM	1	0	17.94	17.97	18.03	19.00
1.4		1	3	17.96	18.05	17.97	19.00
1.4		1	5	18.00	17.98	17.93	19.00
1.4		3	0	17.76	17.83	17.88	19.00
1.4		3	1	17.80	17.91	17.88	19.00
1.4		3	3	17.70	17.95	17.77	19.00
1.4		6	0	17.71	17.85	17.73	19.00

<LTE Band 66_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.98	22.96	24.00
20		1	49	22.81	22.94	22.82	24.00
20		1	99	22.70	22.95	22.89	24.00
20		50	0	21.85	21.98	21.93	23.00
20		50	24	21.79	21.97	21.91	23.00
20		50	50	21.81	21.93	21.85	23.00
20		100	0	21.80	22.00	21.88	23.00
20	16QAM	1	0	22.00	22.12	22.07	23.00
20		1	49	22.08	22.26	22.14	23.00
20		1	99	22.16	22.33	22.27	23.00
20		50	0	20.79	20.94	20.87	22.00
20		50	24	20.76	21.00	20.85	22.00
20		50	50	20.89	21.00	20.86	22.00
20		100	0	20.85	21.04	20.89	22.00
20	64QAM	1	0	20.96	21.09	20.96	22.00
20		1	49	20.95	21.12	21.00	22.00
20		1	99	20.94	21.17	21.07	22.00
20		50	0	19.82	19.98	19.85	21.00
20		50	24	19.79	20.01	19.92	21.00
20		50	50	19.79	20.02	19.90	21.00
20		100	0	19.78	20.01	19.86	21.00
20	256QAM	1	0	17.93	18.05	17.99	19.00
20		1	49	18.00	18.12	18.03	19.00
20		1	99	17.83	18.05	18.02	19.00
20		50	0	17.80	17.98	17.86	19.00
20		50	24	17.79	18.02	17.97	19.00
20		50	50	17.88	17.98	17.85	19.00
20		100	0	17.80	18.02	17.94	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.80	22.91	22.82	24.00
15		1	37	22.73	22.87	22.76	24.00
15		1	74	22.66	22.91	22.84	24.00
15		36	0	21.84	21.95	21.87	23.00
15		36	20	21.70	21.94	21.82	23.00
15		36	39	21.70	21.91	21.77	23.00
15		75	0	21.72	21.95	21.82	23.00
15	16QAM	1	0	21.91	22.09	21.97	23.00
15		1	37	22.04	22.23	22.01	23.00
15		1	74	22.13	22.30	22.13	23.00
15		36	0	20.74	20.85	20.73	22.00
15		36	20	20.74	20.92	20.82	22.00
15		36	39	20.86	20.99	20.76	22.00
15		75	0	20.72	20.91	20.80	22.00
15	64QAM	1	0	20.81	21.04	20.90	22.00
15		1	37	20.83	20.98	20.94	22.00
15		1	74	20.85	21.02	20.93	22.00
15		36	0	19.67	19.90	19.79	21.00
15		36	20	19.70	19.98	19.80	21.00
15		36	39	19.67	19.91	19.78	21.00
15		75	0	19.70	19.96	19.75	21.00
15	256QAM	1	0	17.79	18.02	17.86	19.00
15		1	37	17.94	18.02	17.91	19.00
15		1	74	17.75	17.98	17.87	19.00
15		36	0	17.70	17.93	17.80	19.00
15		36	20	17.66	17.97	17.94	19.00
15		36	39	17.75	17.86	17.72	19.00
15		75	0	17.75	17.92	17.81	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.78	22.86	22.90	24.00
10		1	25	22.71	22.90	22.78	24.00
10		1	49	22.66	22.85	22.77	24.00
10		25	0	21.72	21.88	21.80	23.00
10		25	12	21.76	21.84	21.84	23.00
10		25	25	21.73	21.82	21.70	23.00
10		50	0	21.76	21.92	21.74	23.00
10	16QAM	1	0	21.88	21.99	21.92	23.00
10		1	25	22.06	22.20	22.01	23.00
10		1	49	22.01	22.26	22.19	23.00
10		25	0	20.65	20.84	20.82	22.00
10		25	12	20.68	20.86	20.73	22.00
10		25	25	20.74	20.98	20.81	22.00
10		50	0	20.83	20.99	20.76	22.00
10	64QAM	1	0	20.89	21.03	20.83	22.00
10		1	25	20.85	21.04	20.87	22.00
10		1	49	20.88	21.14	21.04	22.00
10		25	0	19.74	19.89	19.83	21.00
10		25	12	19.77	19.92	19.86	21.00
10		25	25	19.78	19.92	19.77	21.00
10		50	0	19.69	19.89	19.80	21.00
10	256QAM	1	0	17.80	17.91	17.95	19.00
10		1	25	17.91	18.10	17.97	19.00
10		1	49	17.81	18.00	17.95	19.00
10		25	0	17.73	17.90	17.77	19.00
10		25	12	17.70	17.88	17.94	19.00
10		25	25	17.78	17.85	17.73	19.00
10		50	0	17.65	17.88	17.83	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.82	22.90	22.90	24.00
5		1	12	22.66	22.84	22.70	24.00
5		1	24	22.64	22.88	22.79	24.00
5		12	0	21.82	21.91	21.84	23.00
5		12	7	21.73	21.93	21.83	23.00
5		12	13	21.76	21.91	21.78	23.00
5		25	0	21.66	21.95	21.85	23.00
5	16QAM	1	0	21.90	22.10	21.96	23.00
5		1	12	21.94	22.20	22.05	23.00
5		1	24	22.09	22.30	22.21	23.00
5		12	0	20.73	20.88	20.72	22.00
5		12	7	20.65	20.98	20.74	22.00
5		12	13	20.79	20.98	20.84	22.00
5		25	0	20.74	20.98	20.79	22.00
5	64QAM	1	0	20.92	20.99	20.93	22.00
5		1	12	20.90	21.02	20.93	22.00
5		1	24	20.86	21.08	20.98	22.00
5		12	0	19.77	19.86	19.81	21.00
5		12	7	19.72	19.97	19.81	21.00
5		12	13	19.69	19.97	19.79	21.00
5		25	0	19.67	19.93	19.82	21.00
5	256QAM	1	0	17.91	17.98	17.96	19.00
5		1	12	17.93	18.10	17.98	19.00
5		1	24	17.81	17.94	17.90	19.00
5		12	0	17.74	17.87	17.80	19.00
5		12	7	17.70	17.93	17.83	19.00
5		12	13	17.85	17.91	17.77	19.00
5		25	0	17.65	17.98	17.86	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.75	22.95	22.90	24.00
3		1	8	22.71	22.81	22.79	24.00
3		1	14	22.62	22.84	22.76	24.00
3		8	0	21.71	21.84	21.92	23.00
3		8	4	21.72	21.93	21.77	23.00
3		8	7	21.76	21.86	21.72	23.00
3		15	0	21.77	21.99	21.76	23.00
3	16QAM	1	0	21.85	22.03	22.05	23.00
3		1	8	22.02	22.20	22.00	23.00
3		1	14	22.04	22.32	22.25	23.00
3		8	0	20.76	20.85	20.80	22.00
3		8	4	20.69	20.93	20.84	22.00
3		8	7	20.78	20.87	20.76	22.00
3		15	0	20.75	20.95	20.74	22.00
3	64QAM	1	0	20.92	20.99	20.91	22.00
3		1	8	20.88	21.09	20.87	22.00
3		1	14	20.79	21.11	20.97	22.00
3		8	0	19.75	19.87	19.79	21.00
3		8	4	19.76	20.00	19.88	21.00
3		8	7	19.77	19.99	19.76	21.00
3		15	0	19.66	19.97	19.72	21.00
3	256QAM	1	0	17.90	17.94	17.94	19.00
3		1	8	17.98	18.07	17.97	19.00
3		1	14	17.69	18.00	17.88	19.00
3		8	0	17.75	17.88	17.78	19.00
3		8	4	17.66	18.00	17.85	19.00
3		8	7	17.84	17.89	17.79	19.00
3		15	0	17.78	17.97	17.93	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.74	22.88	22.84	24.00
1.4		1	3	22.78	22.83	22.67	24.00
1.4		1	5	22.65	22.80	22.75	24.00
1.4		3	0	22.00	22.01	22.00	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.73	21.92	21.78	23.00
1.4	16QAM	1	0	21.91	22.05	21.95	23.00
1.4		1	3	22.02	22.22	22.01	23.00
1.4		1	5	22.11	22.30	22.26	23.00
1.4		3	0	21.02	21.02	21.00	23.00
1.4		3	1	21.00	21.00	21.01	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.73	20.97	20.83	22.00
1.4	64QAM	1	0	20.83	21.02	20.81	22.00
1.4		1	3	20.87	21.00	20.92	22.00
1.4		1	5	20.90	21.14	21.01	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.02	20.00	20.00	22.00
1.4		3	3	20.02	20.00	20.00	22.00
1.4		6	0	19.73	19.91	19.83	21.00
1.4	256QAM	1	0	17.81	18.02	17.95	19.00
1.4		1	3	17.87	18.00	17.94	19.00
1.4		1	5	17.71	18.01	17.90	19.00
1.4		3	0	17.69	17.88	17.78	19.00
1.4		3	1	17.71	17.95	17.87	19.00
1.4		3	3	17.85	17.88	17.81	19.00
1.4		6	0	17.76	17.97	17.83	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.90	22.95	22.90	24.00
20		1	49	22.69	22.88	22.72	24.00
20		1	99	22.76	22.88	22.79	24.00
20		50	0	21.86	21.92	21.80	23.00
20		50	24	21.70	21.89	21.74	23.00
20		50	50	21.74	21.87	21.78	23.00
20		100	0	21.78	21.89	21.79	23.00
20	16QAM	1	0	22.24	22.33	22.21	23.00
20		1	49	22.07	22.16	22.02	23.00
20		1	99	22.04	22.16	22.10	23.00
20		50	0	20.81	20.91	20.82	22.00
20		50	24	20.71	20.87	20.74	22.00
20		50	50	20.76	20.86	20.79	22.00
20		100	0	20.76	20.89	20.73	22.00
20	64QAM	1	0	21.04	21.14	20.95	22.00
20		1	49	21.06	21.19	21.09	22.00
20		1	99	20.94	21.10	20.95	22.00
20		50	0	19.87	19.97	19.80	21.00
20		50	24	19.79	19.94	19.77	21.00
20		50	50	19.84	19.92	19.82	21.00
20		100	0	19.83	19.94	19.83	21.00
20	256QAM	1	0	17.92	18.09	18.01	19.00
20		1	49	17.85	18.01	17.95	19.00
20		1	99	17.89	17.97	17.83	19.00
20		50	0	17.82	17.97	17.90	19.00
20		50	24	17.74	17.93	17.76	19.00
20		50	50	17.76	17.88	17.72	19.00
20		100	0	17.87	17.95	17.76	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.88	22.94	22.83	24.00
15		1	37	22.58	22.76	22.58	24.00
15		1	74	22.73	22.76	22.66	24.00
15		36	0	21.73	21.88	21.72	23.00
15		36	20	21.58	21.83	21.64	23.00
15		36	39	21.61	21.84	21.73	23.00
15		75	0	21.72	21.75	21.74	23.00
15	16QAM	1	0	22.19	22.30	22.17	23.00
15		1	37	21.96	22.04	22.00	23.00
15		1	74	21.91	22.07	21.96	23.00
15		36	0	20.76	20.80	20.72	22.00
15		36	20	20.58	20.81	20.60	22.00
15		36	39	20.68	20.83	20.68	22.00
15		75	0	20.63	20.86	20.71	22.00
15	64QAM	1	0	21.03	21.07	20.88	22.00
15		1	37	20.94	21.17	21.08	22.00
15		1	74	20.81	21.06	20.89	22.00
15		36	0	19.81	19.91	19.79	21.00
15		36	20	19.77	19.80	19.71	21.00
15		36	39	19.73	19.83	19.70	21.00
15		75	0	19.69	19.80	19.71	21.00
15	256QAM	1	0	17.85	18.04	17.96	19.00
15		1	37	17.76	17.90	17.87	19.00
15		1	74	17.82	17.96	17.69	19.00
15		36	0	17.69	17.82	17.88	19.00
15		36	20	17.68	17.85	17.64	19.00
15		36	39	17.67	17.78	17.71	19.00
15		75	0	17.74	17.91	17.74	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.82	22.84	22.86	24.00
10		1	25	22.57	22.86	22.58	24.00
10		1	49	22.74	22.77	22.71	24.00
10		25	0	21.77	21.82	21.76	23.00
10		25	12	21.62	21.79	21.66	23.00
10		25	25	21.67	21.74	21.71	23.00
10		50	0	21.72	21.83	21.75	23.00
10	16QAM	1	0	22.19	22.25	22.18	23.00
10		1	25	21.97	22.03	21.91	23.00
10		1	49	21.96	22.12	22.03	23.00
10		25	0	20.67	20.88	20.76	22.00
10		25	12	20.58	20.79	20.68	22.00
10		25	25	20.62	20.79	20.75	22.00
10		50	0	20.65	20.82	20.59	22.00
10	64QAM	1	0	20.95	21.00	20.81	22.00
10		1	25	20.94	21.15	21.05	22.00
10		1	49	20.88	20.97	20.87	22.00
10		25	0	19.83	19.94	19.77	21.00
10		25	12	19.77	19.85	19.66	21.00
10		25	25	19.70	19.77	19.68	21.00
10		50	0	19.69	19.83	19.70	21.00
10	256QAM	1	0	17.86	18.02	17.98	19.00
10		1	25	17.82	17.86	17.86	19.00
10		1	49	17.78	17.95	17.72	19.00
10		25	0	17.69	17.93	17.76	19.00
10		25	12	17.68	17.82	17.72	19.00
10		25	25	17.70	17.83	17.66	19.00
10		50	0	17.81	17.90	17.74	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.80	22.93	22.77	24.00
5		1	12	22.62	22.80	22.65	24.00
5		1	24	22.64	22.75	22.67	24.00
5		12	0	21.80	21.78	21.66	23.00
5		12	7	21.58	21.83	21.65	23.00
5		12	13	21.60	21.84	21.66	23.00
5		25	0	21.73	21.83	21.64	23.00
5	16QAM	1	0	22.20	22.28	22.09	23.00
5		1	12	21.92	22.09	21.91	23.00
5		1	24	21.94	22.13	21.96	23.00
5		12	0	20.70	20.76	20.74	22.00
5		12	7	20.60	20.78	20.69	22.00
5		12	13	20.66	20.72	20.77	22.00
5		25	0	20.62	20.81	20.68	22.00
5	64QAM	1	0	20.99	21.04	20.92	22.00
5		1	12	20.97	21.17	20.98	22.00
5		1	24	20.85	21.07	20.89	22.00
5		12	0	19.80	19.92	19.69	21.00
5		12	7	19.73	19.92	19.70	21.00
5		12	13	19.76	19.85	19.69	21.00
5		25	0	19.82	19.81	19.76	21.00
5	256QAM	1	0	17.83	18.01	17.86	19.00
5		1	12	17.75	17.96	17.88	19.00
5		1	24	17.76	17.83	17.71	19.00
5		12	0	17.80	17.95	17.77	19.00
5		12	7	17.72	17.87	17.69	19.00
5		12	13	17.74	17.81	17.67	19.00
5		25	0	17.72	17.89	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	23.01	23.10	22.98	24.00
50		1	135	22.81	23.05	22.84	24.00
50		1	268	22.84	22.95	22.78	24.00
50	PI/2 BPSK	135	0	22.38	22.59	22.43	23.50
50		135	68	22.86	22.98	22.73	24.00
50		135	135	22.32	22.51	22.28	23.50
50		270	0	22.36	22.58	22.34	23.50
50		1	1	22.90	23.09	22.88	24.00
50		1	135	22.91	23.06	22.81	24.00
50		1	268	22.73	22.96	22.81	24.00
50	QPSK	135	0	21.93	22.05	21.91	23.00
50		135	68	22.86	22.98	22.74	24.00
50		135	135	21.85	22.01	21.76	23.00
50		270	0	21.90	22.09	21.90	23.00
50	16QAM	1	1	21.95	22.16	21.90	23.00
50	64QAM	1	1	20.10	20.28	20.09	21.50
50	256QAM	1	1	18.04	18.26	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.89	22.99	22.90	24.00
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.91	22.99	22.96	24.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.94	23.00	22.91	24.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.91	23.04	22.86	24.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.93	22.99	22.96	24.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.86	23.01	22.84	24.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.93	23.02	22.87	24.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.00	23.05	22.92	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		23.15		24.00
10		1	26		23.13		24.00
10		1	50		23.08		24.00
10	PI/2 BPSK	25	0		22.55		23.50
10		25	14		23.08		24.00
10		25	27		22.54		23.50
10		50	0		22.57		23.50
10		1	1		23.11		24.00
10		1	26		23.09		24.00
10		1	50		23.10		24.00
10	QPSK	25	0		22.04		23.00
10		25	14		23.04		24.00
10		25	27		22.05		23.00
10		50	0		22.08		23.00
10	16QAM	1	1		22.21		23.00
10	64QAM	1	1		20.42		21.50
10	256QAM	1	1		18.34		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.02	23.10	23.05	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.89	23.06	22.92	24.00
100		1	137	22.66	22.97	22.72	24.00
100		1	271	22.66	22.90	22.62	24.00
100		135	0	22.79	22.90	22.81	24.00
100		135	69	22.72	22.91	22.73	24.00
100		135	138	22.60	22.88	22.68	24.00
100		270	0	22.71	22.98	22.83	24.00
100	QPSK	1	1	22.64	22.89	22.72	24.00
100		1	137	22.73	22.96	22.79	24.00
100		1	271	22.59	22.89	22.72	24.00
100		135	0	22.79	22.98	22.74	24.00
100		135	69	22.70	22.94	22.78	24.00
100		135	138	22.65	22.93	22.65	24.00
100		270	0	22.72	23.03	22.77	24.00
100	16QAM	1	1	22.76	23.03	22.84	24.00
100	64QAM	1	1	22.40	22.70	22.52	24.00
100	256QAM	1	1	20.92	21.18	20.99	22.00
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.83	23.01	22.85	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.74	23.03	22.84	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.81	22.98	22.86	24.00
Channel				505203	518598	531998	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.85	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.83	22.99	22.87	24.00
Channel				503703	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.75	22.92	22.84	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.80	23.00	22.89	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.82	22.99	22.78	24.00
Channel				502203	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.87	22.95	22.87	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.77	22.98	22.84	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.81	23.04	22.89	24.00
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.78	22.91	22.90	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.75	22.96	22.89	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.76	25.79	25.71	27.00
100		1	137	25.68	25.78	25.63	27.00
100		1	271	25.57	25.69	25.56	27.00
100		135	0	25.35	25.39	25.26	26.50
100		135	69	25.63	25.77	25.58	27.00
100		135	138	25.20	25.35	25.13	26.50
100		270	0	25.25	25.36	25.20	26.50
100	QPSK	1	1	25.44	25.54	25.34	27.00
100		1	137	25.68	25.72	25.57	27.00
100		1	271	25.52	25.66	25.55	27.00
100		135	0	24.87	24.96	24.83	26.00
100		135	69	25.59	25.69	25.46	27.00
100		135	138	24.78	24.85	24.76	26.00
100		270	0	24.82	24.90	24.78	26.00
100	16QAM	1	1	24.64	24.78	24.59	26.00
100	64QAM	1	1	22.88	23.04	22.83	24.50
100	256QAM	1	1	18.51	18.56	18.50	20.50
Channel				509200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.69	25.74	25.62	27.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.66	25.68	25.56	27.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.61	25.64	25.59	27.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.63	25.71	25.57	27.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.74	25.75	25.57	27.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.71	25.67	25.61	27.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.67	25.75	25.63	27.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.69	25.66	25.65	27.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.72	25.71	25.69	27.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.71	25.72	25.66	27.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.65	25.76	25.67	27.00
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.69	25.71	25.58	27.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.62	25.66	25.61	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	646332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.31	18.60	18.50	19.00
40		1	53	18.18	18.58	18.40	19.00
40		1	104	18.11	18.51	18.27	19.00
40		50	0	16.68	16.45	16.35	17.00
40		50	28	18.14	18.54	18.35	19.00
40		50	56	16.13	16.49	16.33	17.00
40		100	0	16.24	16.51	16.35	17.00
40	QPSK	1	1	18.15	18.45	18.24	19.00
40		1	53	18.16	18.53	18.35	19.00
40		1	104	18.16	18.51	18.27	19.00
40		50	0	15.15	15.48	15.38	16.00
40		50	28	18.13	18.54	18.34	19.00
40		50	56	15.21	15.51	15.33	16.00
40		100	0	15.14	15.52	15.29	16.00
40	16QAM	1	1	17.25	17.60	17.39	18.00
40	64QAM	1	1	15.51	15.77	15.54	16.50
40	256QAM	1	1	13.45	13.71	13.61	14.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.28	18.58	18.44	19.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.29	18.54	18.38	19.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.22	18.58	18.44	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.20	18.47	18.46	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.35		19.00
100		1	137		18.28		19.00
100		1	271		18.34		19.00
100		135	0		18.17		19.00
100		135	69		18.28		19.00
100		135	138		18.26		19.00
100		270	0		18.23		19.00
100	QPSK	1	1		18.03		19.00
100		1	137		18.25		19.00
100		1	271		18.30		19.00
100		135	0		18.19		19.00
100		135	69		18.28		19.00
100		135	138		18.32		19.00
100		270	0		18.27		19.00
100	16QAM	1	1		18.20		19.00
100	64QAM	1	1		17.88		19.00
100	256QAM	1	1		16.34		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.16	18.30	18.28	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.03	18.25	18.23	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.04	18.19	18.18	19.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.14	18.21	18.23	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.09	18.25	18.21	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.01	18.20	18.14	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.08	18.21	18.20	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.09	18.16	18.14	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.05	18.26	18.19	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.14	18.18	18.24	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.03	18.26	18.15	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.26		22.00
100		1	137		21.13		22.00
100		1	271		21.10		22.00
100	PI/2 BPSK	135	0		20.67		21.50
100		135	69		21.08		22.00
100		135	138		20.75		21.50
100		270	0		20.73		21.50
100		1	1		20.81		22.00
100		1	137		21.07		22.00
100		1	271		21.11		22.00
100	QPSK	135	0		20.27		21.00
100		135	69		21.25		22.00
100		135	138		20.42		21.00
100		270	0		20.28		21.00
100	16QAM	1	1		20.17		21.00
100	64QAM	1	1		18.33		19.50
100	256QAM	1	1		16.48		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.25	21.18	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.14	21.16	21.07	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3480.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.03	21.13	21.15	22.00
Channel				632000	633332	634664	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.10	21.12	21.15	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.02	21.17	21.10	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.02	21.21	21.06	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.13	21.13	21.08	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.04	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.05	21.16	21.10	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.11	21.23	21.04	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.13	21.13	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	18.15	18.29	17.68	17.92	19.00
100		1	137	17.62	18.05	17.55	17.78	19.00
100		1	271	17.47	18.19	17.47	17.84	19.00
100	PI/2 BPSK	135	0	17.56	17.90	17.43	17.62	18.50
100		135	69	17.40	18.05	17.39	17.67	19.00
100		135	138	17.53	18.08	17.39	17.61	18.50
100		270	0	17.60	17.94	17.42	17.71	18.50
100		1	1	17.21	17.87	17.28	17.58	19.00
100		1	137	17.48	18.08	17.47	17.75	19.00
100		1	271	17.64	18.03	17.53	17.81	19.00
100	QPSK	135	0	17.01	17.16	17.37	17.71	18.00
100		135	69	17.24	17.97	17.26	17.67	19.00
100		135	138	17.10	17.09	17.45	17.78	18.00
100		270	0	17.08	17.11	17.55	17.76	18.00
100	16QAM	1	1	17.07	16.96	17.47	17.68	18.00
100	64QAM	1	1	15.65	15.64	15.49	17.46	16.50
100	256QAM	1	1	13.56	13.15	13.45	15.90	14.50
Channel				640668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.79	17.82	17.55	17.78	19.00
Channel				640334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	17.78	17.83	17.63	17.86	19.00
Channel				640000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.88	17.93	17.62	17.87	19.00
Channel				640668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.80	17.95	17.54	17.88	19.00
Channel				640334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.79	17.90	17.63	17.81	19.00
Channel				640000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.87	17.84	17.62	17.89	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.78	17.86	17.66	17.87	19.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.76	17.91	17.58	17.85	19.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.85	17.88	17.65	17.91	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.83	17.87	17.66	17.88	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.80	17.95	17.63	17.77	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	21.08	21.18	20.76	20.84	22.00
100		1	137	20.98	21.07	20.55	20.55	22.00
100		1	271	20.76	20.85	20.40	20.40	22.00
100		135	0	20.60	20.67	20.13	20.13	21.50
100		135	69	20.89	21.04	20.52	20.52	22.00
100		135	138	20.45	20.52	20.08	20.08	21.50
100		270	0	20.45	20.63	20.12	20.12	21.50
100	QPSK	1	1	20.84	20.97	20.49	20.49	22.00
100		1	137	20.85	20.94	20.45	20.45	22.00
100		1	271	20.56	20.67	20.20	20.20	22.00
100		135	0	19.92	20.05	19.55	19.55	21.00
100		135	69	21.11	21.17	20.64	20.64	22.00
100		135	138	19.82	19.91	19.39	19.39	21.00
100		270	0	19.93	19.99	19.56	19.56	21.00
100	16QAM	1	1	20.04	20.15	19.72	19.72	21.00
100	64QAM	1	1	18.19	18.37	17.92	17.92	19.50
100	256QAM	1	1	16.39	16.54	16.15	16.15	17.50
Channel				649668	655500	661334	662132	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.80	20.91	20.73	20.73	22.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.80	20.93	20.63	20.78	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.86	20.88	20.63	20.83	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.90	20.94	20.74	20.79	22.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.81	20.96	20.72	20.72	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.86	20.92	20.73	20.69	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.78	20.91	20.61	20.73	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.82	20.88	20.63	20.78	22.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.78	20.95	20.75	20.80	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.87	20.92	20.63	20.82	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.80	20.93	20.67	20.79	22.00

<FR1 n78 (27Q)_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.49		19.00
100		1	137		18.34		19.00
100		1	271		18.38		19.00
100		135	0		18.19		19.00
100		135	69		18.36		19.00
100		135	138		18.31		19.00
100		270	0		18.23		19.00
100	QPSK	1	1		18.07		19.00
100		1	137		18.35		19.00
100		1	271		18.40		19.00
100		135	0		18.24		19.00
100		135	69		18.34		19.00
100		135	138		18.36		19.00
100		270	0		18.28		19.00
100	16QAM	1	1		18.25		19.00
100	64QAM	1	1		17.92		19.00
100	256QAM	1	1		16.40		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.36	18.48	18.33	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.22	18.37	18.30	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.37	18.26	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.28	18.35	18.21	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.24	18.41	18.29	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.32	18.36	18.32	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.30	18.46	18.30	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.30	18.34	18.21	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.43	18.18	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.35	18.33	18.20	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.24	18.38	18.23	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.36		22.00
100		1	137		21.11		22.00
100		1	271		21.30		22.00
100	Pi/2 BPSK	135	0		20.74		21.50
100		135	69		21.30		22.00
100		135	138		20.88		21.50
100		270	0		20.85		21.50
100		1	1		20.97		22.00
100		1	137		21.14		22.00
100		1	271		21.24		22.00
100	QPSK	135	0		20.38		21.00
100		135	69		21.35		22.00
100		135	138		20.45		21.00
100		270	0		20.38		21.00
100	16QAM	1	1		20.20		21.00
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		16.56		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.20	21.34	21.28	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.16	21.21	21.25	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.06	21.32	21.14	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.14	21.19	21.25	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.05	21.27	21.25	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.16	21.25	21.22	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.14	21.19	21.26	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.15	21.30	21.24	22.00
Channel				630583	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.12	21.24	21.18	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.09	21.31	21.16	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.15	21.31	21.25	22.00

<FR1 n78 (27O)_Ant 1_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.58		19.00
100		1	137		18.41		19.00
100		1	271		18.23		19.00
100	Pi/2 BPSK	135	0		18.49		19.00
100		135	69		18.50		19.00
100		135	138		18.27		19.00
100		270	0		18.36		19.00
100		1	1		18.47		19.00
100		1	137		18.40		19.00
100		1	271		18.22		19.00
100	QPSK	135	0		18.56		19.00
100		135	69		18.42		19.00
100		135	138		18.26		19.00
100		270	0		18.42		19.00
100	16QAM	1	1		18.52		19.00
100	64QAM	1	1		18.30		19.00
100	256QAM	1	1		16.78		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	18.52	18.56	18.55	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	18.48	18.53	18.54	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	18.39	18.46	18.49	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	18.41	18.41	18.42	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	18.45	18.55	18.47	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	18.41	18.43	18.47	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	18.46	18.51	18.45	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	18.40	18.42	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	18.42	18.43	18.50	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	18.40	18.51	18.47	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	18.45	18.50	18.53	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.38		22.00
100		1	137		21.29		22.00
100		1	271		21.18		22.00
100		135	0		21.08		21.50
100		135	69		21.27		22.00
100		135	138		20.89		21.50
100		270	0		20.98		21.50
100	QPSK	1	1		21.29		22.00
100		1	137		21.25		22.00
100		1	271		21.01		22.00
100		135	0		20.54		21.00
100		135	69		21.37		22.00
100		135	138		20.40		21.00
100		270	0		20.53		21.00
100	16QAM	1	1		20.53		21.00
100	64QAM	1	1		18.68		19.50
100	256QAM	1	1		16.88		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.30	21.35	21.32	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.27	21.29	21.18	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.20	21.28	21.25	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.15	21.28	21.23	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.22	21.27	21.17	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.23	21.22	21.28	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.21	21.34	21.20	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.29	21.25	21.26	22.00
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.21	21.25	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.22	21.22	21.26	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.15	21.26	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	19.87	20.22	19.95	21.00
100		1	137	19.64	20.02	19.67	21.00
100		1	271	19.40	19.81	19.49	21.00
100	PI/2 BPSK	135	0	19.67	20.16	19.81	21.00
100		135	69	19.81	20.17	19.76	21.00
100		135	138	19.53	19.94	19.63	21.00
100		270	0	19.62	20.00	19.61	21.00
100		1	1	19.57	19.97	19.66	21.00
100		1	137	19.55	19.97	19.56	21.00
100		1	271	19.42	19.82	19.44	21.00
100	QPSK	135	0	19.76	20.17	19.76	21.00
100		135	69	19.55	20.01	19.72	21.00
100		135	138	19.52	19.97	19.64	21.00
100		270	0	19.63	20.05	19.71	21.00
100	16QAM	1	1	19.68	20.07	19.69	21.00
100	64QAM	1	1	19.29	19.76	19.35	21.00
100	256QAM	1	1	17.88	18.26	18.01	19.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.76	20.20	19.93	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.74	20.11	19.89	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.82	20.11	19.93	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.83	20.08	19.84	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.75	20.16	19.86	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.85	20.08	19.81	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.80	20.10	19.86	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.78	20.11	19.87	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.81	20.14	19.87	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.77	20.12	19.88	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.79	20.21	19.86	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.85	20.20	19.87	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.79	20.15	19.85	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.66	23.03	22.87	24.00
100		1	137	22.43	22.82	22.58	24.00
100		1	271	22.21	22.61	22.44	24.00
100	PI/2 BPSK	135	0	22.20	22.65	22.43	23.50
100		135	69	22.58	22.98	22.79	24.00
100		135	138	21.97	22.41	22.19	23.50
100		270	0	22.20	22.58	22.38	23.50
100		1	1	22.30	22.75	22.58	24.00
100		1	137	22.38	22.75	22.54	24.00
100		1	271	22.47	22.88	22.66	24.00
100	QPSK	135	0	21.83	22.22	21.92	23.00
100		135	69	22.52	23.01	22.79	24.00
100		135	138	21.70	22.17	21.97	23.00
100		270	0	21.76	22.13	21.92	23.00
100	16QAM	1	1	21.45	21.90	21.68	23.00
100	64QAM	1	1	19.76	20.16	19.90	21.50
100	256QAM	1	1	16.00	16.30	16.15	18.00
Channel				506200	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.61	23.02	22.73	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.64	23.01	22.75	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.57	23.00	22.75	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.63	22.91	22.77	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.62	22.91	22.80	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.58	22.90	22.85	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.57	22.93	22.80	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.54	22.89	22.84	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.52	22.97	22.81	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.65	22.95	22.76	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.59	22.96	22.75	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.64	22.92	22.73	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.57	22.97	22.76	24.00

<FR1 n48_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.57	18.80	18.59	20.00
40		1	53	18.47	18.77	18.44	20.00
40		1	104	18.24	18.62	18.39	20.00
40		50	0	16.43	16.65	16.33	18.00
40		50	28	16.42	16.69	16.36	20.00
40		50	56	16.37	16.65	16.37	18.00
40		100	0	16.33	16.65	16.39	18.00
40	QPSK	1	1	18.34	18.63	18.36	20.00
40		1	53	18.49	18.75	18.52	20.00
40		1	104	18.35	18.63	18.39	20.00
40		50	0	15.37	15.64	15.37	17.00
40		50	28	16.41	16.70	16.39	20.00
40		50	56	15.34	15.66	15.41	17.00
40		100	0	15.35	15.66	15.40	17.00
40	16QAM	1	1	17.48	17.82	17.52	19.00
40	64QAM	1	1	15.66	15.96	15.72	17.50
40	256QAM	1	1	13.68	13.90	13.65	15.50
Channel				637666	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.56	18.74	18.44	20.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.42	18.72	18.56	20.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.77	18.51	20.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.43	18.66	18.51	20.00

<FR1 n77 (27Q)_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.54		14.50
100		1	137		13.46		14.50
100		1	271		13.39		14.50
100		135	0		13.35		14.50
100		135	69		13.38		14.50
100		135	138		13.31		14.50
100		270	0		13.34		14.50
100	QPSK	1	1		13.40		14.50
100		1	137		13.49		14.50
100		1	271		13.41		14.50
100		135	0		13.33		14.50
100		135	69		13.37		14.50
100		135	138		13.44		14.50
100		270	0		13.36		14.50
100	16QAM	1	1		13.54		14.50
100	64QAM	1	1		13.16		14.50
100	256QAM	1	1		13.36		14.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.47	13.44	13.45	14.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.35	13.37	13.51	14.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.43	13.48	13.53	14.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.36	13.40	13.33	14.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.35	13.46	13.41	14.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.38	13.54	13.44	14.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.42	13.54	13.37	14.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	13.45	13.35	13.44	14.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.48	13.35	13.34	14.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.48	13.55	13.55	14.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.40	13.40	13.48	14.50

<FR1 n77 (27O)_HPUE_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.55		17.50
100		1	137		16.40		17.50
100		1	271		16.47		17.50
100	Pi/2 BPSK	135	0		16.52		17.50
100		135	69		16.20		17.50
100		135	138		16.40		17.50
100		270	0		16.50		17.50
100		1	1		16.50		17.50
100		1	137		16.23		17.50
100		1	271		16.26		17.50
100	QPSK	135	0		16.41		17.50
100		135	69		16.07		17.50
100		135	138		16.28		17.50
100		270	0		16.33		17.50
100	16QAM	1	1		16.31		17.50
100	64QAM	1	1		16.43		17.50
100	256QAM	1	1		16.39		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	16.34	16.52	16.49	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	16.43	16.42	16.53	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	16.48	16.38	16.33	17.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	16.51	16.47	16.49	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	16.36	16.48	16.45	17.50
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	16.54	16.49	16.39	17.50
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	16.44	16.43	16.57	17.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	16.36	16.53	16.37	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	16.54	16.51	16.54	17.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	16.34	16.34	16.40	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	16.35	16.35	16.39	17.50

<FR1 n77 (27O)_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	13.30	13.38	13.04	12.97	14.50
100		1	137	13.21	13.25	13.11	13.10	14.50
100		1	271	13.24	13.33	13.08	12.95	14.50
100	Pi/2 BPSK	135	0	13.27	13.24	13.06	13.12	14.50
100		135	69	13.35	13.31	13.09	13.06	14.50
100		135	138	13.25	13.29	12.95	12.87	14.50
100		270	0	13.31	13.28	12.94	12.97	14.50
100		1	1	13.24	13.28	13.14	13.16	14.50
100		1	137	13.32	13.16	13.10	13.10	14.50
100		1	271	13.24	13.23	12.99	13.02	14.50
100	QPSK	135	0	13.23	13.34	13.13	13.02	14.50
100		135	69	13.31	13.30	12.98	13.01	14.50
100		135	138	13.28	13.32	13.01	13.03	14.50
100		270	0	13.28	13.33	13.17	13.15	14.50
100	16QAM	1	1	13.23	13.35	13.12	13.17	14.50
100	64QAM	1	1	13.24	13.34	13.02	12.93	14.50
100	256QAM	1	1	13.30	13.28	13.10	13.10	14.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	13.18	13.20	12.94	12.89	14.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	13.10	13.04	12.86	13.01	14.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	13.16	13.06	12.85	13.00	14.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	Pi/2 BPSK	1	1	13.08	13.16	12.81	12.82	14.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	13.13	13.20	12.89	12.93	14.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	13.19	13.14	12.78	12.85	14.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	13.03	13.16	12.80	12.86	14.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	13.17	13.06	12.79	12.88	14.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	13.12	13.15	12.78	12.84	14.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	13.15	13.09	12.84	12.98	14.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	13.18	13.12	12.78	12.94	14.50

<FR1 n77 (27O)_HPUE_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	16.14	16.24	15.77	15.78	17.50
100		1	137	15.90	16.13	15.62	15.47	17.50
100		1	271	15.89	16.07	15.50	15.39	17.50
100		135	0	15.88	16.14	15.65	15.62	17.50
100		135	69	15.90	16.09	15.69	15.70	17.50
100		135	138	16.08	16.01	15.74	15.69	17.50
100		270	0	15.97	16.11	15.70	15.53	17.50
100	QPSK	1	1	15.91	16.13	15.61	15.47	17.50
100		1	137	16.06	16.06	15.69	15.74	17.50
100		1	271	15.94	16.11	15.70	15.55	17.50
100		135	0	15.89	16.10	15.62	15.54	17.50
100		135	69	15.94	16.17	15.66	15.66	17.50
100		135	138	16.10	16.19	15.54	15.56	17.50
100		270	0	15.91	16.21	15.70	15.72	17.50
100	16QAM	1	1	15.98	16.09	15.57	15.58	17.50
100	64QAM	1	1	16.02	16.03	15.67	15.59	17.50
100	256QAM	1	1	16.09	16.12	15.55	15.59	17.50
Channel				649668	655500	661334	662310	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.07	16.19	15.54	15.66	17.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3936.99	
80	PI/2 BPSK	1	1	16.05	16.01	15.50	15.63	17.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.04	16.00	15.64	15.82	17.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	15.88	16.19	15.52	15.63	17.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	15.92	16.14	15.73	15.65	17.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	15.94	16.06	15.51	15.66	17.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.09	16.04	15.71	15.80	17.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	15.88	16.15	15.50	15.61	17.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.06	16.17	15.66	15.61	17.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.03	16.20	15.61	15.69	17.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	15.90	16.04	15.70	15.82	17.50

<FR1 n78 (27Q)_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.78		14.50
100		1	137		13.55		14.50
100		1	271		13.52		14.50
100		135	0		13.63		14.50
100		135	69		13.45		14.50
100		135	138		13.54		14.50
100		270	0		13.58		14.50
100	QPSK	1	1		13.61		14.50
100		1	137		13.36		14.50
100		1	271		13.66		14.50
100		135	0		13.57		14.50
100		135	69		13.45		14.50
100		135	138		13.64		14.50
100		270	0		13.60		14.50
100	16QAM	1	1		13.43		14.50
100	64QAM	1	1		13.53		14.50
100	256QAM	1	1		13.35		14.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.54	13.47	13.51	14.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.45	13.46	13.54	14.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.47	13.56	13.55	14.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.46	13.50	13.51	14.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.44	13.62	13.47	14.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.56	13.55	13.53	14.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.59	13.66	13.60	14.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	13.45	13.61	13.56	14.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.48	13.45	13.44	14.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.48	13.54	13.46	14.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.47	13.56	13.56	14.50

<FR1 n78 (27Q)_HPUE_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.62		17.50
100		1	137		16.45		17.50
100		1	271		16.50		17.50
100	Pi/2 BPSK	135	0		16.13		17.50
100		135	69		16.42		17.50
100		135	138		15.98		17.50
100		270	0		16.27		17.50
100		1	1		16.52		17.50
100		1	137		16.34		17.50
100		1	271		16.59		17.50
100	QPSK	135	0		16.50		17.50
100		135	69		16.47		17.50
100		135	138		16.63		17.50
100		270	0		16.14		17.50
100	16QAM	1	1		16.44		17.50
100	64QAM	1	1		15.94		17.50
100	256QAM	1	1		16.15		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	16.63	16.46	16.52	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	16.52	16.51	16.56	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	16.62	16.63	16.56	17.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	16.45	16.58	16.64	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	16.46	16.60	16.54	17.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	16.40	16.51	16.57	17.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	16.54	16.63	16.61	17.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	16.41	16.56	16.58	17.50
Channel				630668	633332	636002	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	16.46	16.42	16.54	17.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	16.58	16.58	16.60	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	16.57	16.46	16.44	17.50

<FR1 n78 (27O)_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		13.72		14.50
100		1	137		13.41		14.50
100		1	271		13.41		14.50
100	Pi/2 BPSK	135	0		13.42		14.50
100		135	69		13.41		14.50
100		135	138		13.52		14.50
100		270	0		13.51		14.50
100		1	1		13.43		14.50
100		1	137		13.22		14.50
100		1	271		13.65		14.50
100	QPSK	135	0		13.41		14.50
100		135	69		13.41		14.50
100		135	138		13.58		14.50
100		270	0		13.54		14.50
100	16QAM	1	1		13.22		14.50
100	64QAM	1	1		13.46		14.50
100	256QAM	1	1		13.37		14.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	13.70	13.62	13.63	14.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	13.53	13.51	13.52	14.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	13.69	13.66	13.58	14.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	13.66	13.70	13.61	14.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	13.56	13.55	13.66	14.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	13.70	13.62	13.61	14.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	13.52	13.64	13.58	14.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	13.53	13.62	13.68	14.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	13.64	13.62	13.63	14.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	13.70	13.62	13.65	14.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	13.53	13.50	13.54	14.50

<FR1 n78 (27O)_HPUE_Ant 3_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.45		17.50
100		1	137		16.33		17.50
100		1	271		16.38		17.50
100		135	0		16.14		17.50
100		135	69		16.36		17.50
100		135	138		15.77		17.50
100		270	0		16.22		17.50
100	QPSK	1	1		16.35		17.50
100		1	137		16.31		17.50
100		1	271		16.42		17.50
100		135	0		16.28		17.50
100		135	69		16.34		17.50
100		135	138		16.45		17.50
100		270	0		16.15		17.50
100	16QAM	1	1		16.23		17.50
100	64QAM	1	1		15.89		17.50
100	256QAM	1	1		16.03		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.32	16.39	16.36	17.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.40	16.31	16.27	17.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.26	16.28	16.24	17.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.44	16.35	16.45	17.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.34	16.43	16.23	17.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.30	16.41	16.34	17.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.32	16.41	16.23	17.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.37	16.32	16.34	17.50
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.43	16.29	16.35	17.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.25	16.41	16.40	17.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.27	16.32	16.37	17.50

<FR1 n2_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.18	18.41	18.24	19.80
40		1	108	18.23	18.38	18.09	19.80
40		1	214	18.27	18.26	18.20	19.80
40	PI/2 BPSK	108	0	18.00	18.20	18.02	19.80
40		108	54	18.22	18.30	18.23	19.80
40		108	108	17.95	18.21	17.83	19.80
40		216	0	17.99	18.26	17.93	19.80
40		1	1	18.01	18.38	18.04	19.80
40		1	108	18.00	18.25	18.10	19.80
40		1	214	18.07	18.15	17.92	19.80
40	QPSK	108	0	18.06	18.26	17.88	19.80
40		108	54	17.89	18.28	17.92	19.80
40		108	108	18.05	18.23	18.03	19.80
40		216	0	18.13	18.25	17.95	19.80
40	16QAM	1	1	18.03	18.34	18.03	19.80
40	64QAM	1	1	17.96	18.25	18.04	19.80
40	256QAM	1	1	18.02	18.15	17.94	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	18.12	18.34	18.20	19.80
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1869	1880	1891	
30	PI/2 BPSK	1	1	18.14	18.36	18.21	19.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.05	18.36	18.15	19.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.10	18.35	18.20	19.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.17	18.28	18.10	19.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.09	18.39	18.12	19.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.07	18.35	18.15	19.80

<FR1 n5_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	22.75	22.76	22.74	24.00
20		1	53	22.60	22.73	22.57	24.00
20		1	104	22.64	22.74	22.68	24.00
20	PI/2 BPSK	50	0	22.07	22.19	22.06	23.50
20		50	28	22.63	22.73	22.57	24.00
20		50	56	22.10	22.15	22.05	23.50
20		100	0	22.14	22.22	22.14	23.50
20		1	1	22.64	22.75	22.61	24.00
20		1	53	22.64	22.72	22.66	24.00
20		1	104	22.69	22.75	22.63	24.00
20	QPSK	50	0	21.56	21.71	21.66	23.00
20		50	28	22.59	22.71	22.62	24.00
20		50	56	21.50	21.65	21.56	23.00
20		100	0	21.56	21.70	21.63	23.00
20	16QAM	1	1	21.80	21.88	21.78	23.00
20	64QAM	1	1	19.98	20.05	19.95	21.50
20	256QAM	1	1	17.99	18.04	17.99	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.63	22.64	22.73	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.64	22.62	22.72	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.68	22.64	22.60	24.00

<FR1 n7_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	16.19	16.23	16.14	17.30
50		1	135	16.02	16.15	15.95	17.30
50		1	268	16.13	16.22	16.06	17.30
50	Pi/2 BPSK	135	0	15.97	16.05	15.83	17.30
50		135	68	16.15	16.15	16.09	17.30
50		135	135	16.08	16.13	15.91	17.30
50		270	0	15.98	16.08	15.84	17.30
50		1	1	15.99	16.14	15.91	17.30
50		1	135	15.90	16.01	15.79	17.30
50		1	268	16.12	16.17	16.02	17.30
50	QPSK	135	0	16.08	16.21	16.02	17.30
50		135	68	15.98	16.11	15.96	17.30
50		135	135	16.04	16.14	16.02	17.30
50		270	0	16.04	16.19	16.06	17.30
50	16QAM	1	1	15.91	16.06	15.85	17.30
50	64QAM	1	1	16.01	16.17	15.93	17.30
50	256QAM	1	1	16.08	16.22	16.06	17.30
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	16.14	16.21	15.99	17.30
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	16.13	16.18	16.09	17.30
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	16.11	16.20	16.10	17.30
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	16.11	16.21	16.07	17.30
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	16.05	16.16	16.03	17.30
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	16.16	16.17	16.05	17.30
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	16.09	16.15	16.02	17.30
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	16.11	16.10	16.00	17.30

<FR1 n12_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	22.82	22.70	22.65	24.00
15		1	40	22.43	22.61	22.52	24.00
15		1	77	22.42	22.62	22.46	24.00
15	Pi/2 BPSK	36	0	21.88	22.09	22.02	23.50
15		36	22	22.41	22.56	22.42	24.00
15		36	43	21.91	22.12	21.95	23.50
15		75	0	21.97	22.11	21.94	23.50
15		1	1	22.52	22.68	22.57	24.00
15		1	40	22.45	22.61	22.44	24.00
15		1	77	22.55	22.64	22.54	24.00
15	QPSK	36	0	21.41	21.59	21.41	23.00
15		36	22	22.35	22.52	22.38	24.00
15		36	43	21.47	21.61	21.49	23.00
15		75	0	21.50	21.62	21.47	23.00
15	16QAM	1	1	21.69	21.83	21.69	23.00
15	64QAM	1	1	19.85	20.03	19.90	21.50
15	256QAM	1	1	17.98	18.09	18.00	19.50
Channel				140600	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	Pi/2 BPSK	1	1	22.55	22.64	22.59	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				703.5	707.5	713.5	
5	Pi/2 BPSK	1	1	22.48	22.65	22.62	24.00

<FR1 n13_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	Pi/2 BPSK	1	1		22.77		24.00
10		1	26		22.72		24.00
10		1	50		22.74		24.00
10		25	0		22.17		23.50
10		25	14		22.73		24.00
10		25	27		22.26		23.50
10		50	0		22.21		23.50
10	QPSK	1	1		22.76		24.00
10		1	26		22.69		24.00
10		1	50		22.72		24.00
10		25	0		21.63		23.00
10		25	14		22.73		24.00
10		25	27		21.74		23.00
10		50	0		21.71		23.00
10	16QAM	1	1		21.88		23.00
10	64QAM	1	1		20.02		21.50
10	256QAM	1	1		18.11		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	Pi/2 BPSK	1	1	22.70	22.75	22.73	24.00

<FR1 n25_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	18.32	18.42	18.27	19.80
40		1	108	18.26	18.38	18.10	19.80
40		1	214	18.27	18.41	18.24	19.80
40		108	0	18.09	18.30	18.04	19.80
40		108	54	18.31	18.35	18.30	19.80
40		108	108	18.05	18.20	18.01	19.80
40		216	0	18.20	18.38	18.13	19.80
40	QPSK	1	1	18.12	18.36	18.18	19.80
40		1	108	18.19	18.33	18.12	19.80
40		1	214	18.11	18.33	18.06	19.80
40		108	0	18.15	18.31	18.06	19.80
40		108	54	18.10	18.34	18.13	19.80
40		108	108	18.11	18.23	18.02	19.80
40		216	0	18.17	18.31	18.06	19.80
40	16QAM	1	1	18.17	18.40	18.15	19.80
40	64QAM	1	1	18.15	18.31	18.11	19.80
40	256QAM	1	1	18.00	18.06	17.89	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	18.22	18.37	18.24	19.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	18.19	18.36	18.24	19.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	18.19	18.40	18.12	19.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	18.20	18.36	18.22	19.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	18.19	18.28	18.15	19.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	18.26	18.29	18.18	19.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	18.28	18.40	18.13	19.80

<FR1 n26_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164900	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	22.79	22.85	22.76	23.80
20		1	53	22.55	22.74	22.56	23.80
20		1	104	22.60	22.73	22.60	23.80
20	Pi/2 BPSK	50	0	22.16	22.26	22.12	23.30
20		50	28	22.64	22.74	22.55	23.80
20		50	56	22.15	22.25	22.12	23.30
20		100	0	22.18	22.28	22.17	23.30
20		1	1	22.63	22.80	22.62	23.80
20		1	53	22.64	22.74	22.53	23.80
20		1	104	22.64	22.73	22.62	23.80
20	QPSK	50	0	21.65	21.76	21.66	22.80
20		50	28	22.66	22.73	22.52	23.80
20		50	56	21.67	21.74	21.52	22.80
20		100	0	21.67	21.77	21.67	22.80
20	16QAM	1	1	21.85	21.92	21.73	22.80
20	64QAM	1	1	19.93	20.10	19.99	21.30
20	256QAM	1	1	18.00	18.09	18.00	19.30
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	22.66	22.77	22.70	23.80
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	Pi/2 BPSK	1	1	22.67	22.71	22.68	23.80
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	22.68	22.75	22.67	23.80

<FR1 n66_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	18.51	18.63	18.58	20.50
45		1	120	19.03	19.07	19.03	20.50
45		1	240	18.90	19.01	18.82	20.50
45	Pi/2 BPSK	120	0	18.78	18.91	18.83	20.50
45		120	60	18.96	19.03	18.90	20.50
45		120	120	18.79	19.01	18.91	20.50
45		240	0	18.82	18.98	18.98	20.50
45		1	1	18.63	18.83	18.65	20.50
45		1	120	18.90	19.04	18.94	20.50
45		1	240	18.98	19.05	19.01	20.50
45	QPSK	120	0	18.76	18.95	18.79	20.50
45		120	60	18.97	19.00	18.89	20.50
45		120	120	18.86	18.93	18.92	20.50
45		240	0	19.04	19.07	18.98	20.50
45	16QAM	1	1	18.69	18.73	18.59	20.50
45	64QAM	1	1	18.32	18.45	18.33	20.50
45	256QAM	1	1	17.52	17.50	17.62	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	18.51	18.51	18.40	20.50
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	18.49	18.49	18.47	20.50
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	18.51	18.48	18.54	20.50
Channel				344625	349000	353325	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	18.38	18.57	18.44	20.50
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	18.46	18.51	18.43	20.50
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	18.50	18.47	18.39	20.50
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	18.44	18.54	18.43	20.50
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	18.32	18.45	18.40	20.50

<FR1 n70_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	Pi/2 BPSK	1	1		20.04		20.70
15		1	40		19.97		20.70
15		1	77		19.95		20.70
15		36	0		19.90		20.70
15		36	22		20.02		20.70
15		36	43		20.01		20.70
15		75	0		19.95		20.70
15	QPSK	1	1		19.87		20.70
15		1	40		19.97		20.70
15		1	77		19.92		20.70
15		36	0		19.84		20.70
15		36	22		20.01		20.70
15		36	43		19.85		20.70
15		75	0		19.99		20.70
15	16QAM	1	1		19.90		20.70
15	64QAM	1	1		19.27		20.50
15	256QAM	1	1		17.26		18.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	Pi/2 BPSK	1	1	20.01	19.98	20.02	20.70
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	Pi/2 BPSK	1	1	19.99	19.90	19.89	20.70

<FR1 n71_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	Pi/2 BPSK	1	1		22.73		24.00
35		1	90		22.58		24.00
35		1	186		22.59		24.00
35		90	0		22.15		23.50
35		90	45		22.64		24.00
35		90	90		22.14		23.50
35		180	0		22.12		23.50
35	QPSK	1	1		22.61		24.00
35		1	90		22.57		24.00
35		1	186		22.60		24.00
35		90	0		21.62		23.00
35		90	45		22.65		24.00
35		90	90		21.63		23.00
35		180	0		21.65		23.00
35	16QAM	1	1		21.74		23.00
35	64QAM	1	1		19.94		21.50
35	256QAM	1	1		17.93		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	Pi/2 BPSK	1	1	22.63	22.70	22.66	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	Pi/2 BPSK	1	1	22.59	22.56	22.55	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	Pi/2 BPSK	1	1	22.51	22.59	22.51	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	Pi/2 BPSK	1	1	22.49	22.63	22.61	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	Pi/2 BPSK	1	1	22.57	22.56	22.55	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	Pi/2 BPSK	1	1	22.54	22.62	22.57	24.00

<FR1 n41_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.38	15.46	15.39	17.00
100		1	137	15.14	15.31	15.14	17.00
100		1	271	15.30	15.45	15.30	17.00
100	PI/2 BPSK	135	0	15.15	15.30	15.20	17.00
100		135	69	15.36	15.41	15.34	17.00
100		135	138	15.27	15.41	15.32	17.00
100		270	0	15.21	15.36	15.25	17.00
100		1	1	15.12	15.24	15.07	17.00
100		1	137	15.28	15.38	15.22	17.00
100		1	271	15.32	15.44	15.34	17.00
100	QPSK	135	0	15.15	15.31	15.20	17.00
100		135	69	15.16	15.32	15.16	17.00
100		135	138	15.31	15.41	15.26	17.00
100		270	0	15.14	15.24	15.15	17.00
100	16QAM	1	1	15.30	15.42	15.29	17.00
100	64QAM	1	1	15.29	15.43	15.34	17.00
100	256QAM	1	1	15.17	15.34	15.18	17.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
90	PI/2 BPSK	1	1	15.36	15.40	15.37	17.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.33	15.44	15.31	17.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.30	15.39	15.34	17.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.31	15.43	15.35	17.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.29	15.40	15.35	17.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.32	15.35	15.37	17.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.30	15.40	15.30	17.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.35	15.41	15.33	17.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.37	15.40	15.33	17.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.33	15.42	15.30	17.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.33	15.35	15.36	17.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.34	15.45	15.36	17.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.36	15.45	15.36	17.00

<FR1 n41_HPUE_Ant 4_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	18.39	18.78	18.36	20.00
100		1	137	18.36	18.43	18.33	20.00
100		1	271	18.38	18.47	18.34	20.00
100	PI/2 BPSK	135	0	18.38	18.42	18.34	20.00
100		135	69	18.33	18.51	18.53	20.00
100		135	138	18.38	18.49	18.35	20.00
100		270	0	18.38	18.53	18.34	20.00
100		1	1	18.38	18.53	18.33	20.00
100		1	137	18.39	18.51	18.34	20.00
100		1	271	18.37	18.51	18.33	20.00
100	QPSK	135	0	18.38	18.54	18.35	20.00
100		135	69	18.37	18.40	18.34	20.00
100		135	138	18.38	18.56	18.35	20.00
100		270	0	18.37	18.53	18.35	20.00
100	16QAM	1	1	18.39	18.44	18.34	20.00
100	64QAM	1	1	18.37	18.51	18.36	20.00
100	256QAM	1	1	18.37	18.52	18.34	20.00
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.38	18.54	18.33	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.37	18.57	18.35	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.39	18.57	18.35	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.38	18.53	18.34	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.37	18.57	18.35	20.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.37	18.54	18.35	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.36	18.57	18.35	20.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.36	18.55	18.33	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.55	18.35	20.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.38	18.55	18.35	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.39	18.55	18.34	20.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.37	18.56	18.33	20.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.36	18.54	18.35	20.00

<FR1 n48_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	17.59	17.67	17.63	19.00
40		1	53	17.37	17.46	17.34	19.00
40		1	104	17.50	17.63	17.50	19.00
40	PI/2 BPSK	50	0	17.49	17.59	17.44	19.00
40		50	28	17.63	17.64	17.64	19.00
40		50	56	17.49	17.59	17.50	19.00
40		100	0	17.24	17.45	17.30	19.00
40		1	1	17.52	17.63	17.52	19.00
40		1	53	17.42	17.52	17.37	19.00
40		1	104	17.29	17.48	17.37	19.00
40	QPSK	50	0	17.28	17.45	17.36	19.00
40		50	28	17.26	17.46	17.35	19.00
40		50	56	17.43	17.65	17.47	19.00
40		100	0	17.23	17.45	17.28	19.00
40	16QAM	1	1	17.42	17.52	17.34	19.00
40	64QAM	1	1	17.54	17.66	17.55	19.00
40	256QAM	1	1	17.44	17.61	17.47	19.00
Channel				637665	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.53	17.55	17.59	19.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.53	17.54	17.61	19.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.48	17.53	17.54	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.49	17.52	17.59	19.00

<FR1 n77 (27Q)_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.79		18.00
100		1	137		16.80		18.00
100		1	271		16.68		18.00
100	PI/2 BPSK	135	0		16.50		18.00
100		135	69		16.74		18.00
100		135	138		16.56		18.00
100		270	0		16.71		18.00
100		1	1		16.70		18.00
100		1	137		16.62		18.00
100		1	271		16.72		18.00
100	QPSK	135	0		16.55		18.00
100		135	69		16.73		18.00
100		135	138		16.56		18.00
100		270	0		16.61		18.00
100	16QAM	1	1		16.54		18.00
100	64QAM	1	1		16.63		18.00
100	256QAM	1	1		16.49		18.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.72	16.77	16.68	18.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.58	16.72	16.53	18.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.64	16.69	16.60	18.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.61	16.74	16.58	18.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.58	16.67	16.60	18.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.62	16.68	16.59	18.00
Channel				631000	633332	635664	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.60	16.74	16.66	18.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.57	16.68	16.64	18.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.66	16.69	16.66	18.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.71	16.70	16.65	18.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.59	16.76	16.54	18.00

<FR1 n77 (27Q)_HPUE_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.61		21.00
100		1	137		19.22		21.00
100		1	271		19.40		21.00
100		135	0		19.36		21.00
100		135	69		19.57		21.00
100		135	138		19.40		21.00
100		270	0		19.45		21.00
100	QPSK	1	1		19.42		21.00
100		1	137		19.28		21.00
100		1	271		19.24		21.00
100		135	0		19.32		21.00
100		135	69		19.42		21.00
100		135	138		19.41		21.00
100		270	0		19.43		21.00
100	16QAM	1	1		19.40		21.00
100	64QAM	1	1		19.36		21.00
100	256QAM	1	1		18.39		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.49	19.46	19.37	21.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.44	19.45	19.26	21.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.46	19.44	19.22	21.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.46	19.45	19.34	21.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.46	19.31	19.26	21.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.47	19.45	19.25	21.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.39	19.40	19.29	21.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.40	19.43	19.25	21.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.45	19.37	19.34	21.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.43	19.33	19.30	21.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.38	19.37	19.26	21.00

<FR1 n77 (27O)_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3890	
100	PI/2 BPSK	1	1	16.85	16.81	16.94	16.78	18.00
100		1	137	16.59	16.54	16.73	16.67	18.00
100		1	271	16.57	16.52	16.70	16.51	18.00
100		135	0	16.46	16.48	16.69	16.48	18.00
100		135	69	16.79	16.74	16.91	16.70	18.00
100		135	138	16.51	16.44	16.69	16.69	18.00
100		270	0	16.74	16.63	16.89	16.86	18.00
100	QPSK	1	1	16.44	16.43	16.66	16.59	18.00
100		1	137	16.62	16.49	16.74	16.73	18.00
100		1	271	16.53	16.44	16.64	16.53	18.00
100		135	0	16.68	16.55	16.81	16.72	18.00
100		135	69	16.70	16.59	16.83	16.82	18.00
100		135	138	16.58	16.50	16.73	16.55	18.00
100		270	0	16.75	16.60	16.87	16.74	18.00
100	16QAM	1	1	16.66	16.51	16.79	16.78	18.00
100	64QAM	1	1	16.70	16.65	16.83	16.73	18.00
100	256QAM	1	1	16.54	16.49	16.65	16.60	18.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.82	16.71	16.90	16.83	18.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3935.99	
80	PI/2 BPSK	1	1	16.75	16.74	16.83	16.74	18.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.83	16.72	16.89	16.93	18.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	16.83	16.71	16.80	16.91	18.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.83	16.71	16.84	16.89	18.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.82	16.69	16.82	16.85	18.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.73	16.74	16.90	16.95	18.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.76	16.73	16.80	16.94	18.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.71	16.72	16.87	16.75	18.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.81	16.66	16.92	16.83	18.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.72	16.70	16.89	16.75	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	19.92	19.84	19.97	19.89	21.00
100		1	137	19.68	19.64	19.84	19.71	21.00
100		1	271	19.75	19.60	19.84	19.76	21.00
100	PI/2 BPSK	135	0	19.59	19.60	19.78	19.78	21.00
100		135	69	19.88	19.81	19.95	19.95	21.00
100		135	138	19.75	19.61	19.85	19.76	21.00
100		270	0	19.83	19.77	19.94	19.74	21.00
100		1	1	19.50	19.49	19.69	19.66	21.00
100		1	137	19.69	19.51	19.78	19.57	21.00
100		1	271	19.52	19.51	19.69	19.50	21.00
100	QPSK	135	0	19.66	19.52	19.75	19.74	21.00
100		135	69	19.64	19.48	19.71	19.59	21.00
100		135	138	19.58	19.55	19.70	19.65	21.00
100		270	0	19.54	19.46	19.73	19.70	21.00
100	16QAM	1	1	19.63	19.57	19.75	19.73	21.00
100	64QAM	1	1	19.71	19.66	19.89	19.76	21.00
100	256QAM	1	1	19.53	19.56	19.73	19.52	21.00
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.82	19.80	19.88	19.72	21.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.88	19.77	19.92	19.72	21.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.88	19.74	19.93	19.82	21.00
Channel				648968	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.82	19.74	19.93	19.83	21.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.84	19.77	19.96	19.83	21.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.80	19.76	19.87	19.75	21.00
Channel				647968	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.77	19.77	19.85	19.84	21.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.87	19.74	19.86	19.69	21.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.81	19.72	19.85	19.81	21.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.82	19.77	19.89	19.87	21.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.86	19.70	19.86	19.63	21.00

<FR1 n78 (27Q)_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.72		18.00
100		1	137		16.41		18.00
100		1	271		16.53		18.00
100	PI/2 BPSK	135	0		16.32		18.00
100		135	69		16.70		18.00
100		135	138		16.54		18.00
100		270	0		16.65		18.00
100		1	1		16.62		18.00
100		1	137		16.42		18.00
100		1	271		16.66		18.00
100	QPSK	135	0		16.40		18.00
100		135	69		16.63		18.00
100		135	138		16.48		18.00
100		270	0		16.53		18.00
100	16QAM	1	1		16.44		18.00
100	64QAM	1	1		16.60		18.00
100	256QAM	1	1		16.33		18.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.62	16.68	16.64	18.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.56	16.60	16.57	18.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.57	16.62	16.52	18.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.48	16.65	16.63	18.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3524	
50	PI/2 BPSK	1	1	16.59	16.53	16.54	18.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.47	16.60	16.63	18.00
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.57	16.65	16.61	18.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.59	16.67	16.52	18.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.51	16.59	16.54	18.00
Channel				630502	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.50	16.65	16.56	18.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.57	16.67	16.60	18.00

<FR1 n78 (27O)_HPUE_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.45		21.00
100		1	137		19.10		21.00
100		1	271		19.33		21.00
100	Pi/2 BPSK	135	0		19.17		21.00
100		135	69		19.42		21.00
100		135	138		19.36		21.00
100		270	0		19.39		21.00
100		1	1		19.24		21.00
100		1	137		19.25		21.00
100		1	271		19.21		21.00
100	QPSK	135	0		19.14		21.00
100		135	69		19.34		21.00
100		135	138		19.27		21.00
100		270	0		19.31		21.00
100	16QAM	1	1		19.38		21.00
100	64QAM	1	1		19.23		21.00
100	256QAM	1	1		19.32		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	19.32	19.40	19.35	21.00
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.28	19.29	19.23	21.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	19.26	19.34	19.28	21.00
Channel				632002	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	19.26	19.35	19.25	21.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.22	19.27	19.30	21.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.20	19.31	19.23	21.00
Channel				631002	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	19.22	19.32	19.31	21.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	19.24	19.30	19.34	21.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.17	19.34	19.33	21.00
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	19.30	19.33	19.33	21.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.17	19.34	19.26	21.00

<FR1 n78 (27O)_Ant 5_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		16.82		18.00
100		1	137		16.55		18.00
100		1	271		16.63		18.00
100	Pi/2 BPSK	135	0		16.61		18.00
100		135	69		16.79		18.00
100		135	138		16.57		18.00
100		270	0		16.75		18.00
100		1	1		16.59		18.00
100		1	137		16.74		18.00
100		1	271		16.57		18.00
100	QPSK	135	0		16.73		18.00
100		135	69		16.68		18.00
100		135	138		16.56		18.00
100		270	0		16.70		18.00
100	16QAM	1	1		16.71		18.00
100	64QAM	1	1		16.73		18.00
100	256QAM	1	1		16.54		18.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	16.69	16.71	16.74	18.00
Channel				649934	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	16.63	16.64	16.62	18.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	16.56	16.67	16.61	18.00
Channel				649668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	16.66	16.63	16.73	18.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	16.61	16.58	16.71	18.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	16.55	16.61	16.65	18.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	16.66	16.68	16.72	18.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	16.61	16.59	16.72	18.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	16.66	16.65	16.60	18.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	16.59	16.61	16.61	18.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	16.64	16.67	16.67	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		19.84		21.00
100		1	137		19.73		21.00
100		1	271		19.81		21.00
100	PI/2 BPSK	135	0		19.70		21.00
100		135	69		19.82		21.00
100		135	138		19.78		21.00
100		270	0		19.81		21.00
100		1	1		19.59		21.00
100		1	137		19.73		21.00
100		1	271		19.64		21.00
100	QPSK	135	0		19.56		21.00
100		135	69		19.69		21.00
100		135	138		19.62		21.00
100		270	0		19.68		21.00
100	16QAM	1	1		19.58		21.00
100	64QAM	1	1		19.81		21.00
100	256QAM	1	1		19.68		21.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.72	19.79	19.66	21.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3749.01	3750	3750.99	
80	PI/2 BPSK	1	1	19.57	19.76	19.63	21.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.68	19.72	19.57	21.00
Channel				648665	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.67	19.98	19.54	21.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.63	19.77	19.64	21.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.70	19.78	19.58	21.00
Channel				647665	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.70	19.72	19.57	21.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.62	19.76	19.58	21.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.70	19.65	19.61	21.00
Channel				647165	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.69	19.76	19.57	21.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.66	19.68	19.51	21.00

<FR1 n41_Ant 7_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	18.52	18.61	18.44	20.00
100		1	137	18.27	18.41	18.21	20.00
100		1	271	18.10	18.12	18.02	20.00
100	PI/2 BPSK	135	0	18.28	18.41	18.15	20.00
100		135	69	18.30	18.44	18.32	20.00
100		135	138	18.13	18.32	18.09	20.00
100		270	0	18.30	18.41	18.14	20.00
100		1	1	18.42	18.56	18.32	20.00
100		1	137	18.24	18.44	18.19	20.00
100		1	271	18.06	18.11	18.04	20.00
100	QPSK	135	0	18.39	18.52	18.29	20.00
100		135	69	18.22	18.41	18.23	20.00
100		135	138	18.12	18.20	18.11	20.00
100		270	0	18.36	18.49	18.28	20.00
100	16QAM	1	1	18.36	18.56	18.29	20.00
100	64QAM	1	1	18.35	18.47	18.20	20.00
100	256QAM	1	1	18.02	18.06	18.09	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
90	PI/2 BPSK	1	1	18.40	18.59	18.37	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.50	18.51	18.42	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.40	18.54	18.34	20.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.44	18.54	18.42	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.39	18.48	18.37	20.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.45	18.58	18.42	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.40	18.47	18.35	20.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.47	18.54	18.34	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.42	18.49	18.38	20.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.40	18.54	18.38	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.42	18.58	18.37	20.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.49	18.56	18.35	20.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.43	18.60	18.41	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.55	21.58	21.36	23.00
100		1	137	21.03	21.12	21.09	23.00
100		1	271	21.27	21.44	21.16	23.00
100	PI/2 BPSK	135	0	21.30	21.36	21.10	23.00
100		135	69	21.28	21.41	21.29	23.00
100		135	138	21.35	21.40	21.10	23.00
100		270	0	21.39	21.47	21.17	23.00
100		1	1	21.36	21.47	21.21	23.00
100		1	137	21.07	21.16	21.13	23.00
100		1	271	21.29	21.42	21.17	23.00
100	QPSK	135	0	21.25	21.39	21.09	23.00
100		135	69	21.14	21.26	21.11	23.00
100		135	138	21.50	21.56	21.29	23.00
100		270	0	21.38	21.50	21.20	23.00
100	16QAM	1	1	21.28	21.38	21.13	23.00
100	64QAM	1	1	20.99	21.04	20.83	21.50
100	256QAM	1	1	16.28	16.41	16.02	17.50
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.48	21.52	21.30	23.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.47	21.44	21.29	23.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.44	21.46	21.29	23.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.48	21.57	21.35	23.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.47	21.50	21.35	23.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.47	21.45	21.28	23.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.53	21.46	21.35	23.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.53	21.48	21.35	23.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.46	21.56	21.29	23.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.42	21.49	21.31	23.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.49	21.53	21.33	23.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.46	21.50	21.32	23.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.48	21.44	21.29	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	22.18	22.29	22.24	24.00
40		1	53	22.09	22.13	22.03	24.00
40		1	104	22.16	22.24	22.04	24.00
40	PI/2 BPSK	50	0	20.16	20.00	20.10	22.00
40		50	28	22.15	22.29	22.12	24.00
40		50	56	20.02	20.28	20.13	22.00
40		100	0	20.00	20.09	20.01	22.00
40		1	1	22.01	22.08	22.02	24.00
40		1	53	22.00	22.18	22.08	24.00
40		1	104	22.03	22.18	22.03	24.00
40	QPSK	50	0	19.01	19.05	19.00	21.00
40		50	28	22.02	22.06	22.01	24.00
40		50	56	19.01	19.04	19.00	21.00
40		100	0	19.07	19.22	19.10	21.00
40	16QAM	1	1	21.07	21.23	21.11	23.00
40	64QAM	1	1	19.50	19.58	19.51	21.50
40	256QAM	1	1	17.51	17.61	17.56	19.50
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.13	22.28	22.10	24.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.18	22.27	22.15	24.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.08	22.16	22.06	24.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.10	22.28	22.02	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		24.32		25.00
100		1	137		24.12		25.00
100		1	271		24.11		25.00
100	PI/2 BPSK	135	0		24.15		25.00
100		135	69		24.20		25.00
100		135	138		24.13		25.00
100		270	0		24.04		25.00
100		1	1		24.07		25.00
100		1	137		24.20		25.00
100		1	271		24.06		25.00
100	QPSK	135	0		24.26		25.00
100		135	69		24.07		25.00
100		135	138		24.27		25.00
100		270	0		24.27		25.00
100	16QAM	1	1		24.30		25.00
100	64QAM	1	1		23.88		25.00
100	256QAM	1	1		22.34		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.07	24.26	24.11	25.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.03	24.25	23.99	25.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.01	24.15	24.10	25.00
Channel				632000	633332	634664	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.00	24.13	24.05	25.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.99	24.15	24.05	25.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.97	24.12	24.09	25.00
Channel				631000	633332	635664	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.98	24.24	24.05	25.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.95	24.23	24.05	25.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.95	24.14	23.99	25.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.04	24.16	24.07	25.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.02	24.21	24.07	25.00

<FR1 n77 (27Q)_HPUE_Ant 8_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.81		26.00
100		1	137		24.54		26.00
100		1	271		24.60		26.00
100		135	0		24.24		25.50
100		135	69		24.71		26.00
100		135	138		24.61		25.50
100		270	0		24.33		25.50
100	QPSK	1	1		24.67		26.00
100		1	137		24.76		26.00
100		1	271		24.50		26.00
100		135	0		23.92		25.00
100		135	69		24.84		26.00
100		135	138		24.02		25.00
100		270	0		23.93		25.00
100	16QAM	1	1		23.82		25.00
100	64QAM	1	1		22.03		23.50
100	256QAM	1	1		19.59		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.71	24.75	24.63	26.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.59	24.64	24.52	26.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.68	24.73	24.61	26.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.61	24.69	24.58	26.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.69	24.62	24.53	26.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.66	24.66	24.55	26.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.57	24.68	24.56	26.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.61	24.62	24.55	26.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.61	24.61	24.57	26.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.65	24.72	24.49	26.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.57	24.61	24.50	26.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.52	24.54	24.69	24.68	25.00
100		1	137	24.32	24.44	24.50	24.50	25.00
100		1	271	24.19	24.52	24.47	24.47	25.00
100		135	0	24.21	24.42	24.42	24.42	25.00
100		135	69	24.24	24.51	24.59	24.46	25.00
100		135	138	24.22	24.48	24.50	24.50	25.00
100		270	0	24.21	24.59	24.45	24.45	25.00
100	QPSK	1	1	24.05	24.48	24.43	24.43	25.00
100		1	137	24.27	24.62	24.49	24.49	25.00
100		1	271	24.27	24.62	24.47	24.47	25.00
100		135	0	24.19	24.58	24.47	24.47	25.00
100		135	69	24.25	24.63	24.54	24.54	25.00
100		135	138	24.26	24.61	24.48	24.48	25.00
100		270	0	24.30	24.62	24.55	24.55	25.00
100	16QAM	1	1	24.16	24.60	24.48	24.48	25.00
100	64QAM	1	1	23.88	24.26	24.13	24.13	25.00
100	256QAM	1	1	22.38	22.71	22.62	22.62	23.00
Channel				649668	655300	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.48	24.50	24.67	24.56	25.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3935.99	
80	PI/2 BPSK	1	1	24.42	24.47	24.63	24.54	25.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.39	24.42	24.60	24.57	25.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	24.39	24.52	24.61	24.64	25.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	24.46	24.45	24.56	24.61	25.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.48	24.40	24.66	24.61	25.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.41	24.48	24.67	24.65	25.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.43	24.46	24.62	24.54	25.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.38	24.44	24.57	24.66	25.00
Channel				647168	654252	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.42	24.53	24.55	24.57	25.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.43	24.46	24.66	24.59	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	24.96	24.91	25.10	25.08	26.00
100		1	137	24.49	25.04	24.94	24.81	26.00
100		1	271	24.41	24.90	24.68	24.61	26.00
100		135	0	24.04	24.54	24.40	24.24	25.50
100		135	69	24.63	24.88	24.88	24.95	26.00
100		135	138	23.98	24.49	24.47	24.37	25.50
100	QPSK	270	0	24.25	24.53	24.46	24.30	25.50
100		1	1	24.32	24.69	24.68	24.70	26.00
100		1	137	24.60	24.91	24.73	24.68	26.00
100		1	271	24.26	24.86	24.58	24.43	26.00
100		135	0	23.58	23.80	23.75	23.82	25.00
100		135	69	24.79	25.03	24.80	24.82	26.00
100		135	138	23.61	24.03	23.86	23.85	25.00
100		270	0	23.43	23.96	24.00	23.93	25.00
100	16QAM	1	1	23.59	23.90	23.84	23.87	25.00
100	64QAM	1	1	21.72	21.99	21.85	21.74	23.50
100	256QAM	1	1	19.52	19.67	19.67	19.62	21.50
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	24.83	24.86	24.99	24.95	26.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	24.92	24.87	24.95	24.90	26.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	24.95	24.87	25.07	24.89	26.00
Channel				648968	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	24.83	24.78	25.01	24.95	26.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	24.91	24.81	25.09	24.83	26.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	24.87	24.88	25.07	25.04	26.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	24.95	24.89	25.01	24.94	26.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	24.92	24.84	25.02	24.99	26.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	24.95	24.85	25.04	24.94	26.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	24.86	24.85	24.98	24.89	26.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	24.83	24.83	24.95	24.82	26.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.34		25.00
100		1	137		24.20		25.00
100		1	271		24.33		25.00
100		135	0		24.06		25.00
100		135	69		24.20		25.00
100		135	138		24.15		25.00
100	QPSK	270	0		24.23		25.00
100		1	1		24.04		25.00
100		1	137		24.30		25.00
100		1	271		24.30		25.00
100		135	0		24.23		25.00
100		135	69		24.29		25.00
100		135	138		24.26		25.00
100		270	0		24.30		25.00
100	16QAM	1	1		24.32		25.00
100	64QAM	1	1		23.89		25.00
100	256QAM	1	1		22.39		24.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.28	24.31	24.26	25.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.20	24.24	24.20	25.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.25	24.21	24.22	25.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.13	24.20	24.15	25.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3524	
50	PI/2 BPSK	1	1	24.25	24.27	24.15	25.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.21	24.22	24.15	25.00
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.26	24.16	24.23	25.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.16	24.30	24.22	25.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.23	24.28	24.15	25.00
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.25	24.20	24.12	25.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.24	24.17	24.14	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		24.77		26.00
100		1	137		24.53		26.00
100		1	271		24.65		26.00
100	Pi/2 BPSK	135	0		24.20		25.50
100		135	69		24.76		26.00
100		135	138		24.34		25.50
100		270	0		24.32		25.50
100		1	1		24.42		26.00
100		1	137		24.57		26.00
100		1	271		24.45		26.00
100	QPSK	135	0		23.77		25.00
100		135	69		24.71		26.00
100		135	138		23.82		25.00
100		270	0		23.62		25.00
100	16QAM	1	1		23.83		25.00
100	64QAM	1	1		21.94		23.50
100	256QAM	1	1		19.57		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	24.62	24.71	24.68	26.00
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	24.52	24.58	24.57	26.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	24.50	24.62	24.57	26.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	24.58	24.57	24.64	26.00
Channel				631998	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	24.60	24.60	24.57	26.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	24.58	24.58	24.62	26.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	24.57	24.67	24.63	26.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	24.61	24.57	24.53	26.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	24.61	24.67	24.53	26.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	24.56	24.65	24.58	26.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	24.56	24.59	24.62	26.00

<FR1 n78 (27O)_Ant 8_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		24.51		25.00
100		1	137		24.40		25.00
100		1	271		24.50		25.00
100	Pi/2 BPSK	135	0		24.33		25.00
100		135	69		24.46		25.00
100		135	138		24.32		25.00
100		270	0		24.44		25.00
100		1	1		24.37		25.00
100		1	137		24.44		25.00
100		1	271		24.48		25.00
100	QPSK	135	0		24.49		25.00
100		135	69		24.36		25.00
100		135	138		24.40		25.00
100		270	0		24.36		25.00
100	16QAM	1	1		24.48		25.00
100	64QAM	1	1		24.14		25.00
100	256QAM	1	1		22.59		24.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	24.42	24.48	24.44	25.00
Channel				649934	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	24.30	24.37	24.40	25.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	24.36	24.41	24.30	25.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	24.30	24.34	24.42	25.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	24.31	24.42	24.30	25.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	24.32	24.34	24.31	25.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	24.34	24.44	24.43	25.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	24.30	24.42	24.39	25.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	24.30	24.35	24.35	25.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	24.33	24.45	24.40	25.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	24.38	24.37	24.33	25.00

<FR1 n78 (27O)_HPUE_Ant 8_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		24.96		26.00
100		1	137		24.77		26.00
100		1	271		24.65		26.00
100	PI/2 BPSK	135	0		24.27		25.50
100		135	69		24.83		26.00
100		135	138		24.31		25.50
100		270	0		24.42		25.50
100		1	1		24.70		26.00
100		1	137		24.75		26.00
100		1	271		24.73		26.00
100	QPSK	135	0		23.95		25.00
100		135	69		24.94		26.00
100		135	138		23.82		25.00
100		270	0		24.00		25.00
100	16QAM	1	1		23.75		25.00
100	64QAM	1	1		22.04		23.50
100	256QAM	1	1		19.56		21.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.91	24.95	24.86	26.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3760.99	
80	PI/2 BPSK	1	1	24.79	24.86	24.75	26.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.87	24.84	24.74	26.00
Channel				648665	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.89	24.91	24.74	26.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.90	24.80	24.74	26.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.79	24.84	24.85	26.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	24.81	24.91	24.73	26.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	24.78	24.91	24.74	26.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.85	24.94	24.73	26.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.84	24.86	24.82	26.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.77	24.88	24.75	26.00

<FR1 n2_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	22.98	23.10	22.96	24.00
40		1	108	22.92	23.08	22.92	24.00
40		1	214	22.79	22.95	22.80	24.00
40	PI/2 BPSK	108	0	22.24	22.50	22.29	23.50
40		108	54	22.81	23.02	22.80	24.00
40		108	108	22.31	22.54	22.27	23.50
40		216	0	22.31	22.51	22.34	23.50
40		1	1	22.70	22.96	22.71	24.00
40		1	108	22.80	23.04	22.78	24.00
40		1	214	22.72	22.97	22.71	24.00
40	QPSK	108	0	21.84	22.00	21.83	23.00
40		108	54	22.80	23.01	22.80	24.00
40		108	108	21.85	22.04	21.78	23.00
40		216	0	21.76	22.01	21.77	23.00
40	16QAM	1	1	21.88	22.10	21.82	23.00
40	64QAM	1	1	20.08	20.27	20.13	21.50
40	256QAM	1	1	18.12	18.23	18.04	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.91	23.02	22.91	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.96	22.97	22.88	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.92	23.04	22.86	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.90	22.99	22.94	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.86	23.01	22.91	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.90	23.06	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.94	23.01	22.93	24.00

<FR1 n5_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	23.06	23.10	23.09	24.00
20		1	53	22.96	23.06	22.95	24.00
20		1	104	22.93	23.05	22.95	24.00
20	PI/2 BPSK	50	0	22.39	22.52	22.37	23.50
20		50	28	22.92	23.05	23.00	24.00
20		50	56	22.36	22.47	22.33	23.50
20		100	0	22.38	22.55	22.51	23.50
20		1	1	22.91	23.09	22.98	24.00
20		1	53	22.85	23.03	22.88	24.00
20		1	104	23.02	23.08	23.02	24.00
20	QPSK	50	0	21.95	22.01	21.93	23.00
20		50	28	22.90	23.04	23.00	24.00
20		50	56	21.81	21.97	21.84	23.00
20		100	0	21.87	22.02	21.93	23.00
20	16QAM	1	1	22.15	22.22	22.14	23.00
20	64QAM	1	1	20.28	20.37	20.21	21.50
20	256QAM	1	1	18.32	18.38	18.33	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.92	23.00	22.96	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.96	23.00	22.96	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.02	23.01	23.08	24.00

<FR1 n12_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	23.05	23.13	23.11	24.00
15		1	40	22.93	23.03	22.93	24.00
15		1	77	22.90	23.03	22.87	24.00
15	PI/2 BPSK	36	0	22.34	22.53	22.49	23.50
15		36	22	22.82	22.99	22.83	24.00
15		36	43	22.42	22.56	22.47	23.50
15		75	0	22.46	22.56	22.43	23.50
15		1	1	22.91	23.12	22.97	24.00
15		1	40	22.87	23.03	22.89	24.00
15		1	77	22.92	23.08	23.00	24.00
15	QPSK	36	0	21.94	22.03	21.99	23.00
15		36	22	22.76	22.96	22.82	24.00
15		36	43	21.90	22.06	21.89	23.00
15		75	0	21.85	22.06	21.90	23.00
15	16QAM	1	1	22.06	22.27	22.13	23.00
15	64QAM	1	1	20.25	20.46	20.38	21.50
15	256QAM	1	1	18.41	18.53	18.37	19.50
Channel				140900	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.90	23.02	23.05	24.00

<FR1 n13_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158400		
Frequency (MHz)					792		
10		1	1		23.15		24.00
10		1	26		23.07		24.00
10		1	50		23.06		24.00
10	PI/2 BPSK	25	0		22.53		23.50
10		25	14		23.07		24.00
10		25	27		22.61		23.50
10		50	0		22.56		23.50
10		1	1		23.14		24.00
10		1	26		23.07		24.00
10		1	50		23.08		24.00
10	QPSK	25	0		22.01		23.00
10		25	14		23.05		24.00
10		25	27		22.09		23.00
10		50	0		22.05		23.00
10	16QAM	1	1		22.22		23.00
10	64QAM	1	1		20.38		21.50
10	256QAM	1	1		18.45		19.50
Channel				155900	158400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	792	784.5	
5	PI/2 BPSK	1	1	23.08	23.12	23.11	24.00

<FR1 n14_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	Pi/2 BPSK	1	1		23.15		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.60		23.50
10		25	14		23.07		24.00
10		25	27		22.54		23.50
10		50	0		22.59		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.09		23.00
10		25	14		23.08		24.00
10		25	27		22.04		23.00
10		50	0		22.06		23.00
10	16QAM	1	1		22.27		23.00
10	64QAM	1	1		20.48		21.50
10	256QAM	1	1		18.54		19.50
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	Pi/2 BPSK	1	1	23.08	23.10	23.01	24.00

<FR1 n25_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	22.90	23.05	22.95	24.00
40		1	108	22.72	23.01	22.87	24.00
40		1	214	22.76	22.94	22.75	24.00
40		108	0	22.24	22.51	22.40	23.50
40		108	54	22.82	23.00	22.78	24.00
40		108	108	22.33	22.49	22.29	23.50
40		216	0	22.25	22.49	22.34	23.50
40	QPSK	1	1	22.73	22.91	22.80	24.00
40		1	108	22.75	23.01	22.85	24.00
40		1	214	22.71	22.92	22.70	24.00
40		108	0	22.73	22.98	22.75	23.00
40		108	54	22.73	22.97	22.81	24.00
40		108	108	21.83	21.98	21.86	23.00
40		216	0	21.80	21.97	21.76	23.00
40	16QAM	1	1	21.77	22.06	21.83	23.00
40	64QAM	1	1	20.04	20.24	20.01	21.50
40	256QAM	1	1	17.98	18.21	18.00	19.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	22.82	22.98	22.83	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	22.81	22.93	22.83	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	22.76	22.98	22.83	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	22.77	23.03	22.83	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	22.80	22.99	22.89	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	22.77	22.97	22.93	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	22.85	22.92	22.86	24.00

<FR1 n26_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164900	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	23.13	23.15	23.11	24.00
20		1	53	23.03	23.10	22.99	24.00
20		1	104	22.99	23.08	23.01	24.00
20	PI/2 BPSK	50	0	22.45	22.61	22.55	23.50
20		50	28	22.94	23.10	22.94	24.00
20		50	56	22.58	22.62	22.51	23.50
20		100	0	22.45	22.61	22.50	23.50
20		1	1	23.05	23.13	22.99	24.00
20		1	53	22.95	23.08	23.00	24.00
20		1	104	23.02	23.08	22.92	24.00
20	QPSK	50	0	22.02	22.11	21.97	23.00
20		50	28	22.93	23.07	22.91	24.00
20		50	56	21.93	22.09	21.99	23.00
20		100	0	22.02	22.12	22.04	23.00
20	16QAM	1	1	22.23	22.28	22.16	23.00
20	64QAM	1	1	20.40	20.43	20.26	21.50
20	256QAM	1	1	18.37	18.44	18.26	19.50
Channel				164900	166300	167800	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.04	23.12	22.97	24.00
Channel				163900	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.00	23.11	22.97	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.09	23.13	22.99	24.00

<FR1 n66_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	22.90	23.10	22.92	24.00
45		1	120	22.72	23.06	22.76	24.00
45		1	240	22.71	22.96	22.65	24.00
45	PI/2 BPSK	120	0	22.19	22.49	22.24	23.50
45		120	60	22.75	23.03	22.72	24.00
45		120	120	22.31	22.53	22.26	23.50
45		240	0	22.20	22.46	22.26	23.50
45		1	1	22.63	22.90	22.59	24.00
45		1	120	22.85	23.07	22.81	24.00
45		1	240	22.71	22.97	22.67	24.00
45	QPSK	120	0	21.78	22.01	21.81	23.00
45		120	60	22.78	23.06	22.77	24.00
45		120	120	21.80	22.04	21.72	23.00
45		240	0	21.74	21.96	21.72	23.00
45	16QAM	1	1	21.80	22.01	21.73	23.00
45	64QAM	1	1	19.96	20.17	19.98	21.50
45	256QAM	1	1	17.97	18.17	17.95	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.76	22.99	22.80	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.88	23.05	22.81	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.78	22.99	22.80	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.81	22.98	22.83	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.81	22.99	22.84	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.80	23.04	22.78	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.81	23.03	22.80	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.82	23.00	22.88	24.00

<FR1 n70_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	Pi/2 BPSK	1	1		23.01		24.00
15		1	40		23.00		24.00
15		1	77		22.95		24.00
15		36	0		22.42		23.50
15		36	22		22.96		24.00
15		36	43		22.47		23.50
15		75	0		22.43		23.50
15	QPSK	1	1		22.94		24.00
15		1	40		22.99		24.00
15		1	77		22.95		24.00
15		36	0		21.93		23.00
15		36	22		22.94		24.00
15		36	43		21.95		23.00
15		75	0		21.93		23.00
15	16QAM	1	1		22.07		23.00
15	64QAM	1	1		20.23		21.50
15	256QAM	1	1		18.24		19.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	Pi/2 BPSK	1	1	22.93	23.00	22.95	24.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	Pi/2 BPSK	1	1	22.86	22.93	22.80	24.00

<FR1 n71_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	Pi/2 BPSK	1	1		23.12		24.00
35		1	99		23.04		24.00
35		1	186		23.05		24.00
35		99	0		22.58		23.50
35		99	49		23.10		24.00
35		99	99		22.59		23.50
35		180	0		22.59		23.50
35	QPSK	1	1		23.05		24.00
35		1	99		23.04		24.00
35		1	186		23.06		24.00
35		99	0		22.07		23.00
35		99	49		23.10		24.00
35		99	99		22.07		23.00
35		180	0		22.12		23.00
35	16QAM	1	1		22.19		23.00
35	64QAM	1	1		20.40		21.50
35	256QAM	1	1		18.41		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	Pi/2 BPSK	1	1	23.05	23.10	23.08	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	Pi/2 BPSK	1	1	22.99	22.98	23.01	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	Pi/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	Pi/2 BPSK	1	1	22.96	23.03	23.01	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	Pi/2 BPSK	1	1	22.96	23.07	23.01	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	Pi/2 BPSK	1	1	22.99	22.95	22.96	24.00

<GSM>

GSM850_Ant 0_ECI 3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.73	31.75	31.68	32.40	22.73	22.75	22.68	23.40
GPRS 1 Tx slot	31.65	31.72	31.54	32.40	22.65	22.72	22.54	23.40
GPRS 2 Tx slots	28.59	28.73	28.55	29.40	22.59	22.73	22.55	23.40
GPRS 3 Tx slots	26.68	26.74	26.58	27.60	22.42	22.48	22.32	23.34
GPRS 4 Tx slots	25.41	25.48	25.27	26.40	22.41	22.48	22.27	23.40
EDGE 1 Tx slot	27.28	27.29	27.21	28.50	18.28	18.29	18.21	19.50
EDGE 2 Tx slots	26.09	26.08	26.03	27.00	20.09	20.08	20.03	21.00
EDGE 3 Tx slots	23.97	23.82	23.78	25.00	19.71	19.56	19.52	20.74
EDGE 4 Tx slots	22.56	22.44	22.35	23.50	19.56	19.44	19.35	20.50

<GSM>

GSM1900_Ant 0_ECI 3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.26	29.32	29.42	30.50	20.26	20.32	20.42	21.50
GPRS 1 Tx slot	29.24	29.28	29.40	30.50	20.24	20.28	20.40	21.50
GPRS 2 Tx slots	28.41	28.55	28.52	29.50	22.41	22.55	22.52	23.50
GPRS 3 Tx slots	26.50	26.50	26.57	27.50	22.24	22.24	22.31	23.24
GPRS 4 Tx slots	25.28	25.30	25.27	26.00	22.28	22.30	22.27	23.00
EDGE 1 Tx slot	26.44	26.40	26.46	27.50	17.44	17.40	17.46	18.50
EDGE 2 Tx slots	25.21	25.16	25.19	26.00	19.21	19.16	19.19	20.00
EDGE 3 Tx slots	22.92	22.92	22.86	24.00	18.66	18.66	18.60	19.74
EDGE 4 Tx slots	21.77	21.62	21.57	22.50	18.77	18.62	18.57	19.50

<WCDMA>

Band		WCDMA II_Ant 0_ECI 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	21.61	21.64	21.62	22.30
	RMC 12.2Kbps	21.65	21.68	21.64	22.30
3GPP Rel 6	HSDPA Subtest-1	20.58	20.63	20.53	21.30
	HSDPA Subtest-2	20.65	20.83	20.70	21.30
	HSDPA Subtest-3	20.30	20.41	20.29	20.80
	HSDPA Subtest-4	20.19	20.31	20.21	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	20.67	20.81	20.69	21.30
	DC-HSDPA Subtest-2	20.52	20.61	20.49	21.30
	DC-HSDPA Subtest-3	20.02	20.18	20.14	20.80
	DC-HSDPA Subtest-4	20.18	20.24	20.20	20.80
3GPP Rel 6	HSUPA Subtest-1	20.72	20.77	20.73	21.30
	HSUPA Subtest-2	18.63	18.78	18.65	19.30
	HSUPA Subtest-3	19.69	19.86	19.71	20.30
	HSUPA Subtest-4	18.71	18.81	18.67	19.30
	HSUPA Subtest-5	20.55	20.67	20.64	21.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.09	18.18	18.06	18.80

<WCDMA>

Band		WCDMA IV_Ant 0_ECI 3			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.15	20.21	20.19	21.20
	RMC 12.2Kbps	20.21	20.27	20.25	21.20
3GPP Rel 6	HSDPA Subtest-1	18.90	19.06	18.96	20.20
	HSDPA Subtest-2	18.92	19.11	18.99	20.20
	HSDPA Subtest-3	18.76	18.85	18.81	19.70
	HSDPA Subtest-4	18.41	18.51	18.35	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.97	19.10	19.02	20.20
	DC-HSDPA Subtest-2	19.00	19.11	18.97	20.20
	DC-HSDPA Subtest-3	18.47	18.59	18.50	19.70
	DC-HSDPA Subtest-4	18.47	18.65	18.55	19.70
3GPP Rel 6	HSUPA Subtest-1	19.15	19.26	19.16	20.20
	HSUPA Subtest-2	16.91	17.11	17.02	18.20
	HSUPA Subtest-3	17.91	18.09	18.03	19.20
	HSUPA Subtest-4	16.93	17.04	16.96	18.20
	HSUPA Subtest-5	18.83	18.99	18.96	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.29	16.49	16.45	17.70

<WCDMA>

Band		WCDMA V_Ant 0_ECI 3			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.32	23.15	24.00
	RMC 12.2Kbps	23.33	23.34	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.03	23.00
	HSDPA Subtest-2	22.23	22.33	22.12	23.00
	HSDPA Subtest-3	21.63	21.73	21.51	22.50
	HSDPA Subtest-4	21.73	21.77	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.10	22.25	22.06	23.00
	DC-HSDPA Subtest-2	22.16	22.26	21.97	23.00
	DC-HSDPA Subtest-3	21.60	21.65	21.45	22.50
	DC-HSDPA Subtest-4	21.72	21.75	21.51	22.50
3GPP Rel 6	HSUPA Subtest-1	22.10	22.19	21.90	23.00
	HSUPA Subtest-2	20.13	20.19	19.94	21.00
	HSUPA Subtest-3	21.32	21.37	21.08	22.00
	HSUPA Subtest-4	20.32	20.38	20.16	21.00
	HSUPA Subtest-5	22.18	22.21	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.79	19.49	20.50

<LTE Band 7_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.70	19.74	19.68	20.60
20		1	49	19.47	19.55	19.40	20.60
20		1	99	19.45	19.58	19.43	20.60
20		50	0	19.62	19.68	19.65	20.60
20		50	24	19.57	19.68	19.54	20.60
20		50	50	19.47	19.63	19.55	20.60
20		100	0	19.45	19.62	19.45	20.60
20	16QAM	1	0	19.44	19.57	19.45	20.60
20		1	49	19.54	19.61	19.50	20.60
20		1	99	19.38	19.56	19.48	20.60
20		50	0	19.44	19.61	19.52	20.60
20		50	24	19.51	19.59	19.40	20.60
20		50	50	19.42	19.56	19.48	20.60
20		100	0	19.55	19.61	19.40	20.60
20	64QAM	1	0	19.42	19.57	19.43	20.60
20		1	49	19.54	19.71	19.60	20.60
20		1	99	19.52	19.62	19.51	20.60
20		50	0	19.60	19.73	19.50	20.60
20		50	24	19.64	19.72	19.51	20.60
20		50	50	19.53	19.68	19.58	20.60
20		100	0	19.62	19.70	19.49	20.60
20	256QAM	1	0	17.67	17.77	17.63	19.00
20		1	49	17.66	17.80	17.65	19.00
20		1	99	17.65	17.73	17.54	19.00
20		50	0	17.55	17.69	17.59	19.00
20		50	24	17.59	17.70	17.48	19.00
20		50	50	17.57	17.67	17.54	19.00
20		100	0	17.64	17.70	17.53	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.67	19.72	19.63	20.60
15		1	37	19.35	19.43	19.31	20.60
15		1	74	19.34	19.52	19.29	20.60
15		36	0	19.52	19.63	19.51	20.60
15		36	20	19.46	19.64	19.48	20.60
15		36	39	19.37	19.51	19.44	20.60
15		75	0	19.37	19.57	19.31	20.60
15	16QAM	1	0	19.41	19.54	19.44	20.60
15		1	37	19.48	19.47	19.42	20.60
15		1	74	19.28	19.49	19.42	20.60
15		36	0	19.41	19.56	19.49	20.60
15		36	20	19.46	19.58	19.26	20.60
15		36	39	19.28	19.44	19.42	20.60
15		75	0	19.46	19.50	19.28	20.60
15	64QAM	1	0	19.40	19.56	19.37	20.60
15		1	37	19.44	19.63	19.47	20.60
15		1	74	19.42	19.60	19.48	20.60
15		36	0	19.55	19.66	19.36	20.60
15		36	20	19.51	19.62	19.45	20.60
15		36	39	19.50	19.54	19.44	20.60
15		75	0	19.54	19.68	19.46	20.60
15	256QAM	1	0	17.13	17.03	17.10	19.00
15		1	37	17.02	17.05	17.08	19.00
15		1	74	17.10	17.09	17.08	19.00
15		36	0	17.14	17.10	17.09	19.00
15		36	20	17.12	17.08	17.14	19.00
15		36	39	17.08	17.02	17.02	19.00
15		75	0	17.11	17.11	17.01	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.61	19.68	19.56	20.60
10		1	25	19.46	19.45	19.33	20.60
10		1	49	19.35	19.50	19.37	20.60
10		25	0	19.57	19.62	19.50	20.60
10		25	12	19.46	19.57	19.49	20.60
10		25	25	19.35	19.50	19.52	20.60
10		50	0	19.38	19.49	19.40	20.60
10	16QAM	1	0	19.35	19.50	19.35	20.60
10		1	25	19.44	19.58	19.37	20.60
10		1	49	19.23	19.44	19.37	20.60
10		25	0	19.32	19.59	19.48	20.60
10		25	12	19.38	19.49	19.30	20.60
10		25	25	19.38	19.50	19.39	20.60
10		50	0	19.49	19.49	19.25	20.60
10	64QAM	1	0	19.27	19.53	19.32	20.60
10		1	25	19.43	19.64	19.53	20.60
10		1	49	19.41	19.59	19.38	20.60
10		25	0	19.57	19.58	19.41	20.60
10		25	12	19.62	19.59	19.40	20.60
10		25	25	19.44	19.60	19.56	20.60
10		50	0	19.52	19.60	19.35	20.60
10	256QAM	1	0	17.06	17.03	17.02	19.00
10		1	25	17.09	17.12	17.02	19.00
10		1	49	17.08	17.09	17.12	19.00
10		25	0	17.11	17.04	17.01	19.00
10		25	12	17.01	17.09	17.14	19.00
10		25	25	17.13	17.02	17.09	19.00
10		50	0	17.06	17.10	17.12	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.68	19.67	19.65	20.60
5		1	12	19.41	19.51	19.31	20.60
5		1	24	19.32	19.44	19.36	20.60
5		12	0	19.59	19.60	19.58	20.60
5		12	7	19.43	19.56	19.42	20.60
5		12	13	19.40	19.60	19.50	20.60
5		25	0	19.34	19.55	19.39	20.60
5	16QAM	1	0	19.33	19.50	19.31	20.60
5		1	12	19.39	19.47	19.41	20.60
5		1	24	19.31	19.42	19.38	20.60
5		12	0	19.34	19.48	19.40	20.60
5		12	7	19.46	19.47	19.26	20.60
5		12	13	19.32	19.53	19.43	20.60
5		25	0	19.53	19.58	19.32	20.60
5	64QAM	1	0	19.41	19.53	19.37	20.60
5		1	12	19.50	19.68	19.58	20.60
5		1	24	19.39	19.60	19.49	20.60
5		12	0	19.48	19.66	19.48	20.60
5		12	7	19.58	19.59	19.41	20.60
5		12	13	19.39	19.66	19.47	20.60
5		25	0	19.56	19.55	19.41	20.60
5	256QAM	1	0	17.12	17.08	17.01	19.00
5		1	12	17.15	17.14	17.11	19.00
5		1	24	17.08	17.04	17.13	19.00
5		12	0	17.14	17.02	17.04	19.00
5		12	7	17.09	17.13	17.11	19.00
5		12	13	17.12	17.15	17.07	19.00
5		25	0	17.14	17.12	17.12	19.00

<LTE Band 30_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.57		22.50
10		1	25		21.39		22.50
10		1	49		21.53		22.50
10		25	0		21.50		22.50
10		25	12		21.44		22.50
10		25	25		21.49		22.50
10		50	0		21.52		22.50
10	16QAM	1	0		21.40		22.50
10		1	25		21.49		22.50
10		1	49		21.51		22.50
10		25	0		20.65		22.00
10		25	12		20.59		22.00
10		25	25		20.61		22.00
10		50	0		20.63		22.00
10	64QAM	1	0		20.86		22.00
10		1	25		20.82		22.00
10		1	49		20.91		22.00
10		25	0		19.65		21.00
10		25	12		19.64		21.00
10		25	25		19.62		21.00
10		50	0		19.66		21.00
10	256QAM	1	0		17.85		19.00
10		1	25		17.75		19.00
10		1	49		17.71		19.00
10		25	0		17.70		19.00
10		25	12		17.66		19.00
10		25	25		17.60		19.00
10		50	0		17.65		19.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.50	21.55	21.43	22.50
5		1	12	21.30	21.36	21.10	22.50
5		1	24	21.23	21.38	21.17	22.50
5		12	0	21.21	21.35	21.19	22.50
5		12	7	21.17	21.34	21.18	22.50
5		12	13	21.27	21.37	21.14	22.50
5		25	0	21.34	21.45	21.32	22.50
5	16QAM	1	0	21.18	21.33	21.20	22.50
5		1	12	21.34	21.43	21.19	22.50
5		1	24	21.24	21.33	21.19	22.50
5		12	0	20.37	20.46	20.22	22.00
5		12	7	20.30	20.43	20.21	22.00
5		12	13	20.26	20.39	20.25	22.00
5		25	0	20.51	20.58	20.40	22.00
5	64QAM	1	0	20.66	20.74	20.60	22.00
5		1	12	20.71	20.78	20.61	22.00
5		1	24	20.69	20.86	20.62	22.00
5		12	0	19.45	19.63	19.38	21.00
5		12	7	19.46	19.53	19.39	21.00
5		12	13	19.30	19.43	19.20	21.00
5		25	0	19.41	19.61	19.44	21.00
5	256QAM	1	0	17.65	17.79	17.53	19.00
5		1	12	17.49	17.58	17.43	19.00
5		1	24	17.58	17.66	17.50	19.00
5		12	0	17.52	17.62	17.47	19.00
5		12	7	17.37	17.51	17.32	19.00
5		12	13	17.41	17.51	17.34	19.00
5		25	0	17.26	17.46	17.24	19.00

<LTE Band 38_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2680	2695	2610	
20	QPSK	1	0	22.74	22.88	22.85	24.00
20		1	49	22.56	22.75	22.58	24.00
20		1	99	22.45	22.68	22.59	24.00
20		50	0	21.49	21.70	21.56	23.00
20		50	24	21.43	21.69	21.65	23.00
20		50	50	21.42	21.66	21.58	23.00
20		100	0	21.51	21.66	21.51	23.00
20	16QAM	1	0	21.58	21.76	21.64	23.00
20		1	49	21.51	21.73	21.60	23.00
20		1	99	21.47	21.63	21.55	23.00
20		50	0	20.56	20.76	20.60	22.00
20		50	24	20.51	20.72	20.59	22.00
20		50	50	20.44	20.70	20.61	22.00
20		100	0	20.54	20.74	20.65	22.00
20	64QAM	1	0	20.25	20.44	20.30	22.00
20		1	49	20.24	20.40	20.30	22.00
20		1	99	20.10	20.32	20.27	22.00
20		50	0	19.56	19.81	19.74	21.00
20		50	24	19.57	19.77	19.71	21.00
20		50	50	19.50	19.74	19.62	21.00
20		100	0	19.51	19.74	19.58	21.00
20	256QAM	1	0	17.36	17.59	17.55	19.00
20		1	49	17.36	17.56	17.51	19.00
20		1	99	17.38	17.50	17.35	19.00
20		50	0	17.66	17.84	17.80	19.00
20		50	24	17.55	17.80	17.73	19.00
20		50	50	17.58	17.79	17.70	19.00
20		100	0	17.52	17.72	17.64	19.00
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2677.5	2695	2712.5	
15	QPSK	1	0	22.68	22.80	22.75	24.00
15		1	37	22.45	22.64	22.55	24.00
15		1	74	22.35	22.59	22.56	24.00
15		36	0	21.42	21.58	21.47	23.00
15		36	20	21.40	21.63	21.61	23.00
15		36	39	21.37	21.57	21.48	23.00
15		75	0	21.44	21.62	21.38	23.00
15	16QAM	1	0	21.49	21.71	21.54	23.00
15		1	37	21.38	21.67	21.56	23.00
15		1	74	21.37	21.54	21.43	23.00
15		36	0	20.47	20.71	20.56	22.00
15		36	20	20.42	20.63	20.56	22.00
15		36	39	20.37	20.63	20.49	22.00
15		75	0	20.44	20.60	20.50	22.00
15	64QAM	1	0	20.12	20.35	20.20	22.00
15		1	37	20.22	20.29	20.19	22.00
15		1	74	20.00	20.25	20.18	22.00
15		36	0	19.48	19.69	19.60	21.00
15		36	20	19.54	19.64	19.64	21.00
15		36	39	19.37	19.65	19.47	21.00
15		75	0	19.42	19.72	19.46	21.00
15	256QAM	1	0	17.30	17.53	17.43	19.00
15		1	37	17.34	17.43	17.45	19.00
15		1	74	17.25	17.35	17.28	19.00
15		36	0	17.59	17.74	17.69	19.00
15		36	20	17.50	17.73	17.69	19.00
15		36	39	17.46	17.77	17.59	19.00
15		75	0	17.51	17.69	17.61	19.00
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.69	22.80	22.74	24.00
10		1	25	22.44	22.68	22.52	24.00
10		1	49	22.33	22.59	22.56	24.00
10		25	0	21.44	21.66	21.46	23.00
10		25	12	21.40	21.56	21.62	23.00
10		25	25	21.33	21.63	21.44	23.00
10		50	0	21.36	21.55	21.44	23.00
10	16QAM	1	0	21.55	21.66	21.59	23.00
10		1	25	21.40	21.66	21.53	23.00
10		1	49	21.42	21.61	21.41	23.00
10		25	0	20.54	20.74	20.53	22.00
10		25	12	20.40	20.62	20.54	22.00
10		25	25	20.30	20.66	20.48	22.00
10		50	0	20.52	20.71	20.56	22.00
10	64QAM	1	0	20.14	20.31	20.18	22.00
10		1	25	20.10	20.29	20.18	22.00
10		1	49	20.01	20.30	20.18	22.00
10		25	0	19.51	19.71	19.62	21.00
10		25	12	19.49	19.72	19.68	21.00
10		25	25	19.47	19.64	19.52	21.00
10		50	0	19.46	19.66	19.51	21.00
10	256QAM	1	0	17.29	17.56	17.41	19.00
10		1	25	17.32	17.44	17.43	19.00
10		1	49	17.30	17.45	17.24	19.00
10		25	0	17.58	17.71	17.75	19.00
10		25	12	17.54	17.67	17.60	19.00
10		25	25	17.54	17.70	17.66	19.00
10		50	0	17.50	17.65	17.60	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2695	2817.5	
5	QPSK	1	0	22.59	22.80	22.77	24.00
5		1	12	22.47	22.72	22.49	24.00
5		1	24	22.40	22.57	22.47	24.00
5		12	0	21.43	21.64	21.44	23.00
5		12	7	21.29	21.64	21.55	23.00
5		12	13	21.33	21.52	21.53	23.00
5		25	0	21.38	21.63	21.49	23.00
5	16QAM	1	0	21.51	21.63	21.60	23.00
5		1	12	21.49	21.71	21.50	23.00
5		1	24	21.33	21.59	21.41	23.00
5		12	0	20.47	20.65	20.53	22.00
5		12	7	20.49	20.65	20.46	22.00
5		12	13	20.37	20.61	20.47	22.00
5		25	0	20.44	20.60	20.60	22.00
5	64QAM	1	0	20.17	20.29	20.28	22.00
5		1	12	20.20	20.34	20.25	22.00
5		1	24	20.02	20.23	20.21	22.00
5		12	0	19.51	19.71	19.68	21.00
5		12	7	19.47	19.66	19.60	21.00
5		12	13	19.36	19.66	19.57	21.00
5		25	0	19.50	19.66	19.53	21.00
5	256QAM	1	0	17.31	17.52	17.51	19.00
5		1	12	17.32	17.43	17.50	19.00
5		1	24	17.23	17.39	17.27	19.00
5		12	0	17.51	17.83	17.73	19.00
5		12	7	17.40	17.68	17.70	19.00
5		12	13	17.49	17.69	17.68	19.00
5		25	0	17.45	17.61	17.56	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.42	22.53	22.65	22.52	22.64	24.00
20		1	49	22.24	22.44	22.58	22.37	22.51	24.00
20		1	99	22.14	22.32	22.48	22.23	22.34	24.00
20		50	0	21.38	21.40	21.51	21.45	21.46	23.00
20		50	24	21.20	21.22	21.48	21.29	21.41	23.00
20		50	50	21.23	21.28	21.46	21.27	21.43	23.00
20		100	0	21.15	21.32	21.46	21.29	21.36	23.00
20	16QAM	1	0	21.31	21.32	21.55	21.31	21.41	23.00
20		1	49	21.25	21.39	21.54	21.38	21.47	23.00
20		1	99	21.19	21.34	21.47	21.23	21.44	23.00
20		50	0	20.29	20.39	20.56	20.39	20.48	22.00
20		50	24	20.15	20.27	20.50	20.30	20.35	22.00
20		50	50	20.28	20.32	20.50	20.28	20.40	22.00
20		100	0	20.25	20.36	20.54	20.39	20.46	22.00
20	64QAM	1	0	19.95	20.00	20.21	20.05	20.05	21.00
20		1	49	19.87	20.02	20.17	19.91	20.10	21.00
20		1	99	19.77	19.89	20.10	19.93	20.07	21.00
20		50	0	19.37	19.47	19.61	19.47	19.55	21.00
20		50	24	19.26	19.45	19.57	19.33	19.45	21.00
20		50	50	19.23	19.43	19.56	19.32	19.50	21.00
20		100	0	19.31	19.31	19.54	19.39	19.43	21.00
20	256QAM	1	0	17.15	17.14	17.38	17.20	17.31	19.00
20		1	49	17.08	17.26	17.37	17.18	17.33	19.00
20		1	99	17.00	17.10	17.31	17.15	17.21	19.00
20		50	0	17.37	17.51	17.61	17.37	17.57	19.00
20		50	24	17.31	17.40	17.55	17.35	17.42	19.00
20		50	50	17.31	17.47	17.58	17.42	17.56	19.00
20		100	0	17.34	17.29	17.53	17.37	17.51	19.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.28	22.48	22.53	22.39	22.58	24.00
15		1	37	22.11	22.33	22.52	22.35	22.37	24.00
15		1	74	22.00	22.25	22.38	22.13	22.27	24.00
15		36	0	21.04	21.20	21.39	21.19	21.38	23.00
15		36	20	21.16	21.11	21.39	21.28	21.30	23.00
15		36	39	21.10	21.19	21.38	21.19	21.39	23.00
15		75	0	21.07	21.22	21.37	21.28	21.33	23.00
15	16QAM	1	0	21.27	21.28	21.42	21.22	21.37	23.00
15		1	37	21.24	21.35	21.47	21.24	21.40	23.00
15		1	74	21.06	21.24	21.45	21.11	21.36	23.00
15		36	0	20.27	20.29	20.51	20.30	20.37	22.00
15		36	20	20.01	20.24	20.39	20.21	20.24	22.00
15		36	39	20.24	20.20	20.48	20.19	20.32	22.00
15		75	0	20.11	20.31	20.47	20.25	20.31	22.00
15	64QAM	1	0	19.83	19.98	20.14	19.92	20.00	21.00
15		1	37	19.76	19.90	20.03	19.83	20.09	21.00
15		1	74	19.74	19.88	19.97	19.87	20.04	21.00
15		36	0	19.31	19.43	19.58	19.41	19.43	21.00
15		36	20	19.24	19.43	19.56	19.24	19.44	21.00
15		36	39	19.09	19.35	19.54	19.17	19.38	21.00
15		75	0	19.27	19.21	19.40	19.36	19.31	21.00
15	256QAM	1	0	17.08	17.08	17.23	17.05	17.17	19.00
15		1	37	17.05	17.21	17.25	17.15	17.25	19.00
15		1	74	17.00	17.01	17.27	17.10	17.11	19.00
15		36	0	17.23	17.42	17.55	17.32	17.44	19.00
15		36	20	17.26	17.26	17.46	17.32	17.28	19.00
15		36	39	17.26	17.40	17.43	17.37	17.41	19.00
15		75	0	17.21	17.26	17.38	17.34	17.49	19.00
Channel				39700	40180	40620	41060	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.50	22.61	22.49	22.57	24.00
10		1	25	22.18	22.35	22.50	22.31	22.49	24.00
10		1	49	22.07	22.18	22.42	22.19	22.26	24.00
10		25	0	21.14	21.28	21.36	21.23	21.35	23.00
10		25	12	21.07	21.13	21.37	21.17	21.30	23.00
10		25	25	21.19	21.24	21.38	21.12	21.30	23.00
10		50	0	21.12	21.23	21.36	21.26	21.32	23.00
10	16QAM	1	0	21.22	21.20	21.53	21.25	21.33	23.00
10		1	25	21.13	21.36	21.41	21.29	21.41	23.00
10		1	49	21.14	21.29	21.40	21.08	21.37	23.00
10		25	0	20.20	20.36	20.52	20.26	20.46	22.00
10		25	12	20.01	20.12	20.36	20.18	20.32	22.00
10		25	25	20.17	20.25	20.46	20.26	20.34	22.00
10		50	0	20.24	20.26	20.46	20.26	20.43	22.00
10	64QAM	1	0	19.90	19.88	20.14	19.96	19.94	21.00
10		1	25	19.80	19.91	20.08	19.89	20.00	21.00
10		1	49	19.65	19.87	19.98	19.89	20.02	21.00
10		25	0	19.25	19.37	19.47	19.44	19.44	21.00
10		25	12	19.24	19.43	19.51	19.25	19.33	21.00
10		25	25	19.16	19.32	19.52	19.24	19.38	21.00
10		50	0	19.26	19.17	19.49	19.09	19.40	21.00
10	256QAM	1	0	17.13	17.02	17.29	17.18	17.27	19.00
10		1	25	17.06	17.21	17.26	17.10	17.22	19.00
10		1	49	17.00	17.04	17.19	17.09	17.07	19.00
10		25	0	17.22	17.46	17.46	17.24	17.52	19.00
10		25	12	17.20	17.31	17.45	17.28	17.32	19.00
10		25	25	17.20	17.36	17.45	17.41	17.42	19.00
10		50	0	17.21	17.23	17.52	17.26	17.41	19.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.34	22.46	22.54	22.43	22.61	24.00
5		1	12	22.18	22.31	22.50	22.32	22.43	24.00
5		1	24	22.05	22.26	22.42	22.22	22.30	24.00
5		12	0	21.12	21.25	21.43	21.10	21.38	23.00
5		12	7	21.13	21.09	21.45	21.20	21.27	23.00
5		12	13	21.10	21.24	21.42	21.20	21.40	23.00
5		25	0	21.10	21.27	21.35	21.20	21.29	23.00
5	16QAM	1	0	21.21	21.31	21.49	21.28	21.33	23.00
5		1	12	21.19	21.32	21.50	21.28	21.32	23.00
5		1	24	21.15	21.27	21.43	21.18	21.42	23.00
5		12	0	20.15	20.37	20.49	20.29	20.35	22.00
5		12	7	20.04	20.20	20.40	20.21	20.30	22.00
5		12	13	20.17	20.26	20.35	20.21	20.28	22.00
5		25	0	20.14	20.26	20.48	20.20	20.33	22.00
5	64QAM	1	0	19.81	19.90	20.11	20.01	19.92	21.00
5		1	12	19.79	19.96	20.04	19.78	19.96	21.00
5		1	24	19.69	19.75	20.08	19.83	20.03	21.00
5		12	0	19.26	19.42	19.56	19.42	19.44	21.00
5		12	7	19.18	19.38	19.52	19.20	19.35	21.00
5		12	13	19.10	19.32	19.44	19.19	19.47	21.00
5		25	0	19.23	19.17	19.48	19.36	19.37	21.00
5	256QAM	1	0	17.07	17.08	17.28	17.12	17.27	19.00
5		1	12	17.06	17.22	17.32	17.14	17.24	19.00
5		1	24	17.01	17.04	17.25	17.06	17.17	19.00
5		12	0	17.30	17.48	17.52	17.29	17.44	19.00
5		12	7	17.16	17.28	17.46	17.22	17.37	19.00
5		12	13	17.28	17.32	17.56	17.34	17.51	19.00
5		25	0	17.20	17.20	17.46	17.29	17.44	19.00

<LTE Band 41_HPUE_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20		1	0	24.25	24.28	24.41	24.30	24.39	25.60
20		1	49	24.21	24.25	24.33	24.13	24.30	25.60
20		1	99	24.26	24.17	24.40	24.23	24.34	25.60
20	QPSK	50	0	24.18	24.20	24.38	24.14	24.21	25.60
20		50	24	24.25	24.14	24.32	24.14	24.24	25.60
20		50	50	24.24	24.26	24.37	24.13	24.25	25.60
20		100	0	24.21	24.15	24.30	24.15	24.38	25.60
20		1	0	24.14	24.19	24.29	24.10	24.22	25.60
20		1	49	24.27	24.29	24.21	24.32	24.35	25.60
20		1	99	24.05	24.23	24.20	24.22	24.32	25.60
20	16QAM	50	0	23.25	23.40	23.50	23.38	23.42	25.00
20		50	24	23.28	23.24	23.47	23.32	23.33	25.00
20		50	50	23.21	23.33	23.46	23.29	23.36	25.00
20		100	0	23.33	23.36	23.49	23.29	23.38	25.00
20		1	0	23.18	23.27	23.47	23.35	23.44	25.00
20		1	49	23.18	23.26	23.45	23.31	23.33	25.00
20		1	99	23.14	23.23	23.37	23.25	23.23	25.00
20	64QAM	50	0	22.35	22.49	22.59	22.45	22.48	24.00
20		50	24	22.37	22.40	22.53	22.31	22.42	24.00
20		50	50	22.33	22.41	22.53	22.39	22.42	24.00
20		100	0	22.23	22.38	22.48	22.33	22.32	24.00
20		1	0	20.31	20.37	20.49	20.28	20.36	22.00
20		1	49	20.35	20.35	20.50	20.41	20.44	22.00
20		1	99	20.16	20.23	20.42	20.25	20.30	22.00
20	256QAM	50	0	20.35	20.49	20.63	20.49	20.49	22.00
20		50	24	20.42	20.41	20.61	20.50	20.57	22.00
20		50	50	20.40	20.45	20.57	20.35	20.49	22.00
20		100	0	20.30	20.30	20.51	20.32	20.36	22.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15		1	0	24.13	24.27	24.26	24.21	24.26	25.60
15		1	37	24.14	24.15	24.28	24.00	24.25	25.60
15		1	74	24.18	24.04	24.35	24.11	24.20	25.60
15	QPSK	36	0	24.15	24.07	24.31	24.03	24.19	25.60
15		36	20	24.15	24.13	24.27	24.03	24.12	25.60
15		36	39	24.20	24.25	24.30	24.03	24.18	25.60
15		75	0	24.14	24.06	24.29	24.06	24.28	25.60
15		1	0	24.07	24.14	24.16	24.02	24.14	25.60
15		1	37	24.20	24.20	24.15	24.27	24.33	25.60
15		1	74	24.01	24.17	24.16	24.20	24.28	25.60
15	16QAM	36	0	23.06	23.13	23.03	23.03	23.00	25.00
15		36	20	23.03	23.09	23.03	23.07	23.12	25.00
15		36	39	23.09	23.13	23.11	23.14	23.06	25.00
15		75	0	23.11	23.09	23.01	23.10	23.07	25.00
15		1	0	23.10	23.01	23.03	23.07	23.09	25.00
15		1	37	23.15	23.12	23.13	23.08	23.10	25.00
15		1	74	23.10	23.05	23.07	23.13	23.07	25.00
15	64QAM	36	0	22.02	22.14	22.00	22.10	22.08	24.00
15		36	20	22.08	22.11	22.10	22.08	22.12	24.00
15		36	39	22.04	22.13	22.12	22.09	22.14	24.00
15		75	0	22.06	22.03	22.02	22.04	22.10	24.00
15		1	0	20.10	20.10	20.06	20.08	20.05	22.00
15		1	37	20.12	20.11	20.08	20.04	20.05	22.00
15		1	74	20.06	20.09	20.05	20.14	20.13	22.00
15	256QAM	36	0	20.06	20.11	20.04	20.11	20.04	22.00
15		36	20	20.09	20.03	20.10	20.11	20.09	22.00
15		36	39	20.04	20.13	20.14	20.12	20.03	22.00
15		75	0	20.05	20.06	20.09	20.03	20.06	22.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10		1	0	24.10	24.18	24.36	24.25	24.37	25.60
10		1	25	24.09	24.10	24.25	24.09	24.16	25.60
10		1	49	24.20	24.13	24.31	24.14	24.21	25.60
10	QPSK	25	0	24.14	24.18	24.34	24.03	24.14	25.60
10		25	12	24.19	24.03	24.20	24.07	24.17	25.60
10		25	25	24.12	24.16	24.33	24.08	24.10	25.60
10		50	0	24.09	24.13	24.19	24.05	24.35	25.60
10		1	0	24.02	24.17	24.21	23.96	24.20	25.60
10		1	25	24.21	24.16	24.16	24.29	24.30	25.60
10		1	49	23.91	24.11	24.15	24.12	24.17	25.60
10	16QAM	25	0	23.12	23.08	23.05	23.03	23.03	25.00
10		25	12	23.04	23.03	23.06	23.13	23.04	25.00
10		25	25	23.08	23.14	23.07	23.02	23.15	25.00
10		50	0	23.03	23.12	23.04	23.03	23.14	25.00
10		1	0	23.07	23.02	23.10	23.12	23.07	25.00
10		1	25	23.12	23.04	23.08	23.12	23.01	25.00
10		1	49	23.06	23.00	23.01	23.02	23.02	25.00
10	64QAM	25	0	22.13	22.15	22.04	22.06	22.08	24.00
10		25	12	22.01	22.04	22.07	22.10	22.08	24.00
10		25	25	22.08	22.09	22.10	22.02	22.09	24.00
10		50	0	22.09	22.13	22.07	22.10	22.04	24.00
10		1	0	20.11	20.07	20.04	20.15	20.11	22.00
10		1	25	20.02	20.01	20.07	20.06	20.13	22.00
10		1	49	20.10	20.07	20.14	20.04	20.14	22.00
10	256QAM	25	0	20.05	20.05	20.02	20.12	20.14	22.00
10		25	12	20.05	20.02	20.08	20.10	20.08	22.00
10		25	25	20.14	20.09	20.15	20.10	20.09	22.00
10		50	0	20.05	20.01	20.13	20.08	20.02	22.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5		1	0	24.11	24.15	24.31	24.23	24.28	25.60
5		1	12	24.19	24.21	24.26	24.00	24.16	25.60
5		1	24	24.24	24.08	24.37	24.16	24.31	25.60
5	QPSK	12	0	24.15	24.14	24.24	24.10	24.17	25.60
5		12	7	24.22	24.05	24.18	24.06	24.13	25.60
5		12	13	24.10	24.25	24.26	24.03	24.21	25.60
5		25	0	24.12	24.01	24.25	24.12	24.31	25.60
5		1	0	24.06	24.08	24.18	24.01	24.16	25.60
5		1	12	24.19	24.24	24.07	24.22	24.31	25.60
5		1	24	23.94	24.22	24.12	24.08	24.21	25.60
5	16QAM	12	0	23.05	23.02	23.12	23.08	23.08	25.00
5		12	7	23.10	23.04	23.01	23.10	23.14	25.00
5		12	13	23.01	23.13	23.14	23.00	23.11	25.00
5		25	0	23.11	23.00	23.06	23.12	23.12	25.00
5		1	0	23.04	23.00	23.05	23.12	23.12	25.00
5		1	12	23.01	23.13	23.05	23.03	23.01	25.00
5		1	24	23.04	23.14	23.04	23.04	23.02	25.00
5	64QAM	12	0	22.11	22.13	22.10	22.05	22.04	24.00
5		12	7	22.09	22.09	22.11	22.14	22.02	24.00
5		12	13	22.04	22.07	22.15	22.00	22.02	24.00
5		25	0	22.06	22.13	22.09	22.04	22.15	24.00
5		1	0	20.10	20.05	20.13	20.07	20.07	22.00
5		1	12	20.12	20.11	20.10	20.14	20.07	22.00
5		1	24	20.05	20.06	20.02	20.11	20.10	22.00
5	256QAM	12	0	20.08	20.05	20.11	20.13	20.09	22.00
5		12	7	20.11	20.14	20.11	20.06	20.02	22.00
5		12	13	20.03	20.03	20.03	20.06	20.06	22.00
5		25	0	20.01	20.07	20.10	20.07	20.03	22.00

<LTE Band 2_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.16	19.45	19.17	21.00
20		1	49	19.26	19.21	19.28	21.00
20		1	99	19.18	19.42	19.16	21.00
20		50	0	19.34	19.41	19.38	21.00
20		50	24	19.30	19.25	19.14	21.00
20		50	50	19.38	19.36	19.13	21.00
20		100	0	19.02	19.19	19.22	21.00
20	16QAM	1	0	19.12	19.38	19.08	21.00
20		1	49	19.24	19.41	19.23	21.00
20		1	99	19.40	19.41	19.18	21.00
20		50	0	19.15	19.35	19.08	21.00
20		50	24	19.09	19.36	19.10	21.00
20		50	50	19.26	19.31	19.14	21.00
20		100	0	19.23	19.40	19.28	21.00
20	64QAM	1	0	19.17	19.28	19.10	21.00
20		1	49	19.13	19.28	19.19	21.00
20		1	99	19.29	19.21	19.09	21.00
20		50	0	19.21	19.18	19.01	21.00
20		50	24	19.31	19.29	19.13	21.00
20		50	50	19.30	19.41	19.13	21.00
20		100	0	19.16	19.43	19.20	21.00
20	256QAM	1	0	17.82	17.89	17.42	19.00
20		1	49	17.74	17.82	17.27	19.00
20		1	99	17.69	17.81	17.32	19.00
20		50	0	17.70	17.65	17.25	19.00
20		50	24	17.52	17.61	17.34	19.00
20		50	50	17.66	17.67	17.23	19.00
20		100	0	17.46	17.70	17.26	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.38	19.42	19.18	21.00
15		1	37	19.13	19.11	19.20	21.00
15		1	74	19.12	19.39	19.15	21.00
15		36	0	19.23	19.29	19.31	21.00
15		36	20	19.23	19.20	19.14	21.00
15		36	39	19.36	19.23	19.22	21.00
15		75	0	19.03	19.12	19.15	21.00
15	16QAM	1	0	19.12	19.37	19.16	21.00
15		1	37	19.19	19.37	19.20	21.00
15		1	74	19.31	19.36	19.21	21.00
15		36	0	19.17	19.28	19.13	21.00
15		36	20	19.13	19.24	19.13	21.00
15		36	39	19.23	19.18	19.19	21.00
15		75	0	19.17	19.38	19.25	21.00
15	64QAM	1	0	19.17	19.16	19.17	21.00
15		1	37	19.14	19.19	19.15	21.00
15		1	74	19.19	19.14	19.10	21.00
15		36	0	19.07	19.07	19.06	21.00
15		36	20	19.22	19.19	19.07	21.00
15		36	39	19.29	19.30	19.15	21.00
15		75	0	19.13	19.40	19.14	21.00
15	256QAM	1	0	17.08	17.09	17.10	19.00
15		1	37	17.05	17.05	17.10	19.00
15		1	74	17.06	17.05	17.09	19.00
15		36	0	17.02	17.08	17.03	19.00
15		36	20	17.06	17.03	17.14	19.00
15		36	39	17.03	17.05	17.10	19.00
15		75	0	17.05	17.08	17.02	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.36	19.41	19.25	21.00
10		1	25	19.16	19.15	19.15	21.00
10		1	49	19.22	19.34	19.12	21.00
10		25	0	19.22	19.31	19.25	21.00
10		25	12	19.13	19.15	19.13	21.00
10		25	25	19.26	19.22	19.08	21.00
10		50	0	19.06	19.12	19.12	21.00
10	16QAM	1	0	19.13	19.32	19.19	21.00
10		1	25	19.17	19.27	19.20	21.00
10		1	49	19.38	19.30	19.15	21.00
10		25	0	19.15	19.21	19.19	21.00
10		25	12	19.10	19.26	19.10	21.00
10		25	25	19.25	19.21	19.20	21.00
10		50	0	19.13	19.32	19.19	21.00
10	64QAM	1	0	19.09	19.14	19.13	21.00
10		1	25	19.14	19.21	19.18	21.00
10		1	49	19.13	19.08	19.12	21.00
10		25	0	19.09	19.08	19.03	21.00
10		25	12	19.27	19.14	19.11	21.00
10		25	25	19.27	19.31	19.17	21.00
10		50	0	19.17	19.41	19.27	21.00
10	256QAM	1	0	17.11	17.10	17.12	19.00
10		1	25	17.14	17.15	17.13	19.00
10		1	49	17.13	17.10	17.12	19.00
10		25	0	17.10	17.12	17.12	19.00
10		25	12	17.12	17.01	17.03	19.00
10		25	25	17.14	17.10	17.02	19.00
10		50	0	17.08	17.14	17.01	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.35	19.39	19.25	21.00
5		1	12	19.20	19.12	19.20	21.00
5		1	24	19.20	19.30	19.14	21.00
5		12	0	19.22	19.38	19.32	21.00
5		12	7	19.26	19.13	19.05	21.00
5		12	13	19.31	19.27	19.11	21.00
5		25	0	19.05	19.05	19.07	21.00
5	16QAM	1	0	19.24	19.36	19.16	21.00
5		1	12	19.17	19.39	19.19	21.00
5		1	24	19.31	19.28	19.19	21.00
5		12	0	19.21	19.30	19.18	21.00
5		12	7	19.20	19.23	19.20	21.00
5		12	13	19.22	19.29	19.10	21.00
5		25	0	19.15	19.37	19.25	21.00
5	64QAM	1	0	19.19	19.23	19.10	21.00
5		1	12	19.13	19.21	19.16	21.00
5		1	24	19.21	19.20	19.04	21.00
5		12	0	19.09	19.14	19.09	21.00
5		12	7	19.28	19.17	19.17	21.00
5		12	13	19.22	19.28	19.11	21.00
5		25	0	19.15	19.34	19.22	21.00
5	256QAM	1	0	17.10	17.10	17.08	19.00
5		1	12	17.01	17.12	17.02	19.00
5		1	24	17.08	17.03	17.02	19.00
5		12	0	17.09	17.15	17.01	19.00
5		12	7	17.01	17.00	17.04	19.00
5		12	13	17.15	17.07	17.03	19.00
5		25	0	17.13	17.14	17.08	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.26	19.33	19.21	21.00
3		1	8	19.17	19.09	19.24	21.00
3		1	14	19.26	19.33	19.12	21.00
3		8	0	19.20	19.36	19.28	21.00
3		8	4	19.25	19.16	19.13	21.00
3		8	7	19.33	19.33	19.22	21.00
3		15	0	19.15	19.06	19.14	21.00
3	16QAM	1	0	19.24	19.25	19.22	21.00
3		1	8	19.18	19.37	19.20	21.00
3		1	14	19.33	19.28	19.20	21.00
3		8	0	19.19	19.23	19.10	21.00
3		8	4	19.13	19.34	19.13	21.00
3		8	7	19.16	19.17	19.19	21.00
3		15	0	19.16	19.32	19.28	21.00
3	64QAM	1	0	19.10	19.14	19.13	21.00
3		1	8	19.13	19.17	19.09	21.00
3		1	14	19.22	19.15	19.15	21.00
3		8	0	19.07	19.07	19.02	21.00
3		8	4	19.20	19.24	19.10	21.00
3		8	7	19.34	19.36	19.15	21.00
3		15	0	19.12	19.35	19.23	21.00
3	256QAM	1	0	17.13	17.05	17.12	19.00
3		1	8	17.10	17.04	17.14	19.00
3		1	14	17.12	17.10	17.11	19.00
3		8	0	17.01	17.04	17.15	19.00
3		8	4	17.13	17.14	17.04	19.00
3		8	7	17.10	17.10	17.03	19.00
3		15	0	17.14	17.13	17.11	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.36	19.31	19.21	21.00
1.4		1	3	19.19	19.20	19.25	21.00
1.4		1	5	19.25	19.31	19.18	21.00
1.4		3	0	19.20	19.37	19.29	21.00
1.4		3	1	19.23	19.19	19.11	21.00
1.4		3	3	19.36	19.29	19.09	21.00
1.4		6	0	19.02	19.17	19.10	21.00
1.4	16QAM	1	0	19.14	19.26	19.15	21.00
1.4		1	3	19.12	19.32	19.22	21.00
1.4		1	5	19.39	19.39	19.20	21.00
1.4		3	0	19.15	19.22	19.16	21.00
1.4		3	1	19.20	19.29	19.15	21.00
1.4		3	3	19.26	19.20	19.13	21.00
1.4		6	0	19.24	19.37	19.15	21.00
1.4	64QAM	1	0	19.19	19.26	19.18	21.00
1.4		1	3	19.09	19.22	19.19	21.00
1.4		1	5	19.11	19.20	19.11	21.00
1.4		3	0	19.06	19.14	19.04	21.00
1.4		3	1	19.26	19.18	19.09	21.00
1.4		3	3	19.29	19.40	19.12	21.00
1.4		6	0	19.15	19.37	19.26	21.00
1.4	256QAM	1	0	17.02	17.12	17.10	19.00
1.4		1	3	17.06	17.06	17.09	19.00
1.4		1	5	17.01	17.02	17.02	19.00
1.4		3	0	17.12	17.10	17.08	19.00
1.4		3	1	17.09	17.07	17.03	19.00
1.4		3	3	17.02	17.09	17.01	19.00
1.4		6	0	17.13	17.00	17.12	19.00

<LTE Band 4_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.82	19.08	18.83	20.30
20		1	49	18.76	18.99	18.67	20.30
20		1	99	18.66	18.85	18.53	20.30
20		50	0	18.79	19.07	18.84	20.30
20		50	24	18.59	19.01	18.61	20.30
20		50	50	18.76	18.91	18.56	20.30
20		100	0	18.63	18.86	18.51	20.30
20	16QAM	1	0	18.81	18.87	18.63	20.30
20		1	49	18.62	18.87	18.41	20.30
20		1	99	18.55	18.98	18.56	20.30
20		50	0	18.80	18.97	18.73	20.30
20		50	24	18.69	19.06	18.79	20.30
20		50	50	18.69	18.92	18.48	20.30
20		100	0	18.55	18.94	18.55	20.30
20	64QAM	1	0	18.90	18.88	18.55	20.30
20		1	49	18.76	18.80	18.50	20.30
20		1	99	18.72	18.90	18.70	20.30
20		50	0	18.55	18.79	18.37	20.30
20		50	24	18.67	18.85	18.52	20.30
20		50	50	18.78	19.02	18.57	20.30
20		100	0	18.48	18.69	18.43	20.30
20	256QAM	1	0	17.02	17.04	17.01	19.00
20		1	49	17.14	17.35	17.19	19.00
20		1	99	17.13	17.35	17.10	19.00
20		50	0	17.09	17.11	17.07	19.00
20		50	24	17.11	17.07	17.10	19.00
20		50	50	17.01	17.13	17.11	19.00
20		100	0	17.13	17.17	17.07	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.70	19.07	18.71	20.30
15		1	37	18.71	18.87	18.64	20.30
15		1	74	18.58	18.77	18.50	20.30
15		36	0	18.65	19.06	18.81	20.30
15		36	20	18.64	18.90	18.63	20.30
15		36	39	18.67	18.79	18.57	20.30
15		75	0	18.67	18.78	18.55	20.30
15	16QAM	1	0	18.75	18.81	18.59	20.30
15		1	37	18.70	18.78	18.52	20.30
15		1	74	18.58	18.89	18.53	20.30
15		36	0	18.75	18.93	18.69	20.30
15		36	20	18.67	18.95	18.65	20.30
15		36	39	18.64	18.82	18.58	20.30
15		75	0	18.56	18.87	18.50	20.30
15	64QAM	1	0	18.78	18.80	18.56	20.30
15		1	37	18.68	18.76	18.45	20.30
15		1	74	18.57	18.88	18.61	20.30
15		36	0	18.59	18.75	18.53	20.30
15		36	20	18.68	18.82	18.53	20.30
15		36	39	18.74	19.01	18.54	20.30
15		75	0	18.52	18.66	18.49	20.30
15	256QAM	1	0	17.13	17.09	17.03	19.00
15		1	37	17.02	17.09	17.11	19.00
15		1	74	17.02	17.01	17.09	19.00
15		36	0	17.10	17.03	17.12	19.00
15		36	20	17.07	17.03	17.02	19.00
15		36	39	17.04	17.07	17.03	19.00
15		75	0	17.10	17.09	17.14	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.71	18.97	18.72	20.30
10		1	25	18.68	18.95	18.55	20.30
10		1	49	18.66	18.76	18.55	20.30
10		25	0	18.76	18.97	18.75	20.30
10		25	12	18.53	18.92	18.55	20.30
10		25	25	18.69	18.84	18.53	20.30
10		50	0	18.65	18.79	18.49	20.30
10	16QAM	1	0	18.69	18.73	18.55	20.30
10		1	25	18.61	18.81	18.54	20.30
10		1	49	18.54	18.92	18.55	20.30
10		25	0	18.74	18.86	18.62	20.30
10		25	12	18.68	19.02	18.72	20.30
10		25	25	18.66	18.79	18.57	20.30
10		50	0	18.62	18.84	18.50	20.30
10	64QAM	1	0	18.82	18.73	18.55	20.30
10		1	25	18.70	18.70	18.54	20.30
10		1	49	18.58	18.88	18.69	20.30
10		25	0	18.57	18.69	18.51	20.30
10		25	12	18.66	18.74	18.60	20.30
10		25	25	18.75	18.92	18.62	20.30
10		50	0	18.45	18.65	18.47	20.30
10	256QAM	1	0	17.06	17.07	17.11	19.00
10		1	25	17.08	17.12	17.05	19.00
10		1	49	17.08	17.01	17.09	19.00
10		25	0	17.08	17.06	17.15	19.00
10		25	12	17.03	17.11	17.01	19.00
10		25	25	17.01	17.02	17.11	19.00
10		50	0	17.14	17.05	17.00	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1715.5	1732.5	1752.5	
5	QPSK	1	0	18.77	18.95	18.69	20.30
5		1	12	18.63	18.93	18.60	20.30
5		1	24	18.65	18.75	18.52	20.30
5		12	0	18.65	19.05	18.76	20.30
5		12	7	18.65	18.96	18.66	20.30
5		12	13	18.76	18.80	18.53	20.30
5		25	0	18.68	18.77	18.57	20.30
5	16QAM	1	0	18.74	18.81	18.56	20.30
5		1	12	18.66	18.77	18.57	20.30
5		1	24	18.63	18.93	18.64	20.30
5		12	0	18.73	18.91	18.59	20.30
5		12	7	18.62	18.92	18.77	20.30
5		12	13	18.75	18.80	18.51	20.30
5		25	0	18.63	18.86	18.55	20.30
5	64QAM	1	0	18.80	18.87	18.47	20.30
5		1	12	18.73	18.74	18.50	20.30
5		1	24	18.66	18.86	18.67	20.30
5		12	0	18.55	18.70	18.50	20.30
5		12	7	18.68	18.75	18.52	20.30
5		12	13	18.77	18.89	18.56	20.30
5		25	0	18.51	18.66	18.52	20.30
5	256QAM	1	0	17.06	17.04	17.02	19.00
5		1	12	17.08	17.04	17.09	19.00
5		1	24	17.07	17.13	17.14	19.00
5		12	0	17.15	17.13	17.14	19.00
5		12	7	17.08	17.06	17.02	19.00
5		12	13	17.15	17.05	17.00	19.00
5		25	0	17.00	17.10	17.06	19.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.70	19.07	18.79	20.30
3		1	8	18.67	18.86	18.64	20.30
3		1	14	18.62	18.72	18.48	20.30
3		8	0	18.66	19.02	18.80	20.30
3		8	4	18.56	18.87	18.59	20.30
3		8	7	18.70	18.89	18.52	20.30
3		15	0	18.62	18.76	18.57	20.30
3	16QAM	1	0	18.72	18.73	18.49	20.30
3		1	8	18.61	18.74	18.56	20.30
3		1	14	18.60	18.88	18.56	20.30
3		8	0	18.77	18.96	18.62	20.30
3		8	4	18.64	18.99	18.78	20.30
3		8	7	18.75	18.84	18.63	20.30
3		15	0	18.56	18.92	18.59	20.30
3	64QAM	1	0	18.85	18.78	18.53	20.30
3		1	8	18.74	18.72	18.57	20.30
3		1	14	18.62	18.76	18.60	20.30
3		8	0	18.60	18.74	18.56	20.30
3		8	4	18.61	18.82	18.47	20.30
3		8	7	18.80	18.88	18.61	20.30
3		15	0	18.56	18.58	18.49	20.30
3	256QAM	1	0	17.09	17.11	17.12	19.00
3		1	8	17.13	17.07	17.01	19.00
3		1	14	17.04	17.12	17.12	19.00
3		8	0	17.07	17.14	17.10	19.00
3		8	4	17.01	17.14	17.15	19.00
3		8	7	17.15	17.13	17.10	19.00
3		15	0	17.12	17.15	17.09	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.71	18.94	18.75	20.30
1.4		1	3	18.72	18.94	18.56	20.30
1.4		1	5	18.57	18.76	18.55	20.30
1.4		3	0	18.66	18.97	18.77	20.30
1.4		3	1	18.61	18.87	18.56	20.30
1.4		3	3	18.65	18.88	18.51	20.30
1.4		6	0	18.61	18.84	18.55	20.30
1.4	16QAM	1	0	18.74	18.85	18.56	20.30
1.4		1	3	18.66	18.85	18.53	20.30
1.4		1	5	18.60	18.91	18.55	20.30
1.4		3	0	18.73	18.90	18.63	20.30
1.4		3	1	18.61	18.95	18.76	20.30
1.4		3	3	18.73	18.87	18.54	20.30
1.4		6	0	18.56	18.82	18.63	20.30
1.4	64QAM	1	0	18.78	18.87	18.50	20.30
1.4		1	3	18.69	18.74	18.56	20.30
1.4		1	5	18.61	18.89	18.65	20.30
1.4		3	0	18.61	18.74	18.57	20.30
1.4		3	1	18.67	18.73	18.50	20.30
1.4		3	3	18.73	18.87	18.63	20.30
1.4		6	0	18.44	18.64	18.49	20.30
1.4	256QAM	1	0	17.04	17.05	17.12	19.00
1.4		1	3	17.09	17.07	17.12	19.00
1.4		1	5	17.02	17.03	17.01	19.00
1.4		3	0	17.07	17.01	17.10	19.00
1.4		3	1	17.13	17.09	17.14	19.00
1.4		3	3	17.08	17.04	17.09	19.00
1.4		6	0	17.15	17.02	17.05	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	21.36	21.42	21.38	23.20
10		1	25	21.29	21.40	21.35	23.20
10		1	49	21.23	21.33	21.29	23.20
10		25	0	21.28	21.40	21.22	23.00
10		25	12	21.29	21.31	21.07	23.00
10		25	25	21.19	21.26	21.23	23.00
10		50	0	21.19	21.32	21.26	23.00
10	16QAM	1	0	21.40	21.41	21.41	23.00
10		1	25	21.34	21.40	21.29	23.00
10		1	49	21.33	21.32	21.39	23.00
10		25	0	20.18	20.47	20.28	22.00
10		25	12	20.11	20.32	20.19	22.00
10		25	25	20.30	20.52	20.28	22.00
10		50	0	20.45	20.43	20.18	22.00
10	64QAM	1	0	20.44	20.65	20.43	22.00
10		1	25	20.54	20.67	20.62	22.00
10		1	49	20.68	20.74	20.46	22.00
10		25	0	19.42	19.37	19.23	21.00
10		25	12	19.40	19.52	19.34	21.00
10		25	25	19.46	19.57	19.23	21.00
10		50	0	19.22	19.48	19.26	21.00
10	256QAM	1	0	17.47	17.53	17.51	19.00
10		1	25	17.59	17.68	17.53	19.00
10		1	49	17.46	17.69	17.62	19.00
10		25	0	17.55	17.43	17.39	19.00
10		25	12	17.40	17.55	17.31	19.00
10		25	25	17.42	17.49	17.27	19.00
10		50	0	17.34	17.39	17.37	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	21.25	21.33	21.27	23.20
5		1	12	21.23	21.38	21.33	23.20
5		1	24	21.25	21.31	21.28	23.20
5		12	0	21.08	21.12	21.02	23.00
5		12	7	21.09	21.09	21.03	23.00
5		12	13	21.02	21.08	21.07	23.00
5		25	0	21.10	21.01	21.01	23.00
5	16QAM	1	0	21.06	21.08	21.16	23.00
5		1	12	21.13	21.18	21.06	23.00
5		1	24	21.03	21.03	21.14	23.00
5		12	0	20.13	20.04	20.01	22.00
5		12	7	20.04	20.05	20.07	22.00
5		12	13	20.15	20.14	20.13	22.00
5		25	0	20.12	20.05	20.00	22.00
5	64QAM	1	0	20.03	20.15	20.06	22.00
5		1	12	20.10	20.02	20.04	22.00
5		1	24	20.15	20.09	20.03	22.00
5		12	0	19.04	19.04	19.06	21.00
5		12	7	19.06	19.08	19.06	21.00
5		12	13	19.10	19.13	19.06	21.00
5		25	0	19.05	19.01	19.07	21.00
5	256QAM	1	0	17.03	17.07	17.09	19.00
5		1	12	17.11	17.14	17.13	19.00
5		1	24	17.01	17.01	17.12	19.00
5		12	0	17.08	17.09	17.13	19.00
5		12	7	17.07	17.07	17.07	19.00
5		12	13	17.11	17.01	17.02	19.00
5		25	0	17.12	17.09	17.08	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	21.34	21.31	21.38	23.20
3		1	8	21.31	21.32	21.34	23.20
3		1	14	21.25	21.24	21.23	23.20
3		8	0	21.17	21.10	21.06	23.00
3		8	4	21.01	21.07	21.08	23.00
3		8	7	21.07	21.08	21.02	23.00
3		15	0	21.10	21.08	21.11	23.00
3	16QAM	1	0	21.07	21.14	21.18	23.00
3		1	8	21.07	21.12	21.05	23.00
3		1	14	21.02	21.02	21.11	23.00
3		8	0	20.06	20.14	20.01	22.00
3		8	4	20.01	20.11	20.12	22.00
3		8	7	20.05	20.11	20.10	22.00
3		15	0	20.06	20.06	20.04	22.00
3	64QAM	1	0	20.06	20.12	20.05	22.00
3		1	8	20.05	20.12	20.13	22.00
3		1	14	20.10	20.12	20.06	22.00
3		8	0	19.08	19.06	19.06	21.00
3		8	4	19.01	19.01	19.03	21.00
3		8	7	19.03	19.11	19.13	21.00
3		15	0	19.10	19.05	19.08	21.00
3	256QAM	1	0	17.10	17.05	17.08	19.00
3		1	8	17.14	17.02	17.08	19.00
3		1	14	17.08	17.07	17.07	19.00
3		8	0	17.14	17.04	17.01	19.00
3		8	4	17.00	17.14	17.00	19.00
3		8	7	17.02	17.14	17.06	19.00
3		15	0	17.02	17.12	17.12	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	21.26	21.35	21.27	23.20
1.4		1	3	21.33	21.31	21.28	23.20
1.4		1	5	21.29	21.33	21.24	23.20
1.4		3	0	21.37	21.31	21.23	23.20
1.4		3	1	21.29	21.23	21.29	23.20
1.4		3	3	21.20	21.22	21.24	23.20
1.4		6	0	21.06	21.07	21.03	23.00
1.4	16QAM	1	0	21.06	21.19	21.10	23.00
1.4		1	3	21.11	21.08	21.02	23.00
1.4		1	5	21.01	21.03	21.10	23.00
1.4		3	0	21.05	21.02	21.07	23.00
1.4		3	1	21.11	21.04	21.01	23.00
1.4		3	3	21.14	21.08	21.13	23.00
1.4		6	0	20.13	20.03	20.06	22.00
1.4	64QAM	1	0	20.07	20.14	20.00	22.00
1.4		1	3	20.14	20.13	20.06	22.00
1.4		1	5	20.01	20.02	20.14	22.00
1.4		3	0	20.08	20.03	20.02	22.00
1.4		3	1	20.01	20.04	20.05	22.00
1.4		3	3	20.10	20.12	20.00	22.00
1.4		6	0	19.15	19.04	19.07	21.00
1.4	256QAM	1	0	17.03	17.05	17.05	19.00
1.4		1	3	17.03	17.11	17.10	19.00
1.4		1	5	17.03	17.15	17.09	19.00
1.4		3	0	17.05	17.10	17.03	19.00
1.4		3	1	17.05	17.04	17.11	19.00
1.4		3	3	17.02	17.12	17.07	19.00
1.4		6	0	17.06	17.03	17.12	19.00

<LTE Band 12_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.49	22.59	22.26	24.00
10		1	25	22.18	22.42	22.06	24.00
10		1	49	22.36	22.49	22.11	24.00
10		25	0	21.29	21.50	21.05	23.00
10		25	12	21.13	21.30	21.00	23.00
10		25	25	21.24	21.48	21.13	23.00
10		50	0	21.25	21.36	21.00	23.00
10	16QAM	1	0	21.92	22.06	21.63	23.00
10		1	25	21.82	21.94	21.54	23.00
10		1	49	21.58	21.76	21.37	23.00
10		25	0	20.22	20.33	20.00	22.00
10		25	12	20.21	20.35	20.01	22.00
10		25	25	20.27	20.40	20.02	22.00
10		50	0	20.23	20.35	20.02	22.00
10	64QAM	1	0	20.47	20.70	20.37	22.00
10		1	25	20.48	20.61	20.30	22.00
10		1	49	20.43	20.59	20.27	22.00
10		25	0	19.07	19.30	19.00	21.00
10		25	12	19.17	19.31	19.02	21.00
10		25	25	19.22	19.41	19.04	21.00
10		50	0	19.21	19.39	19.00	21.00
10	256QAM	1	0	17.47	17.87	17.40	19.00
10		1	25	17.48	17.65	17.30	19.00
10		1	49	17.49	17.62	17.35	19.00
10		25	0	17.18	17.30	17.00	19.00
10		25	12	17.29	17.42	17.02	19.00
10		25	25	17.34	17.46	17.15	19.00
10		50	0	17.16	17.38	17.08	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.39	22.51	22.15	24.00
5		1	12	22.08	22.37	22.01	24.00
5		1	24	22.33	22.45	22.05	24.00
5		12	0	21.23	21.47	21.01	23.00
5		12	7	21.06	21.26	21.00	23.00
5		12	13	21.23	21.42	21.03	23.00
5		25	0	21.22	21.33	21.01	23.00
5	16QAM	1	0	21.90	22.00	21.56	23.00
5		1	12	21.78	21.81	21.49	23.00
5		1	24	21.52	21.63	21.24	23.00
5		12	0	20.13	20.31	20.01	22.00
5		12	7	20.19	20.25	20.01	22.00
5		12	13	20.14	20.35	20.02	22.00
5		25	0	20.18	20.26	20.00	22.00
5	64QAM	1	0	20.37	20.67	20.27	22.00
5		1	12	20.40	20.60	20.28	22.00
5		1	24	20.31	20.53	20.22	22.00
5		12	0	19.05	19.18	19.00	21.00
5		12	7	19.08	19.22	19.01	21.00
5		12	13	19.21	19.35	19.00	21.00
5		25	0	19.15	19.26	19.01	21.00
5	256QAM	1	0	17.42	17.53	17.35	19.00
5		1	12	17.45	17.57	17.20	19.00
5		1	24	17.41	17.48	17.26	19.00
5		12	0	17.06	17.17	17.00	19.00
5		12	7	17.23	17.32	17.02	19.00
5		12	13	17.25	17.41	17.13	19.00
5		25	0	17.09	17.35	17.00	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.46	22.55	22.12	24.00
3		1	8	22.11	22.30	22.01	24.00
3		1	14	22.28	22.40	22.01	24.00
3		8	0	21.21	21.38	21.01	23.00
3		8	4	21.10	21.19	21.01	23.00
3		8	7	21.23	21.46	21.11	23.00
3		15	0	21.16	21.31	21.00	23.00
3	16QAM	1	0	21.85	22.03	21.53	23.00
3		1	8	21.72	21.90	21.52	23.00
3		1	14	21.53	21.69	21.28	23.00
3		8	0	20.21	20.21	20.00	22.00
3		8	4	20.17	20.23	20.01	22.00
3		8	7	20.20	20.38	20.01	22.00
3		15	0	20.17	20.27	20.01	22.00
3	64QAM	1	0	20.33	20.62	20.34	22.00
3		1	8	20.46	20.60	20.28	22.00
3		1	14	20.30	20.55	20.17	22.00
3		8	0	19.00	19.19	19.01	21.00
3		8	4	19.09	19.24	19.00	21.00
3		8	7	19.09	19.40	19.00	21.00
3		15	0	19.16	19.25	19.00	21.00
3	256QAM	1	0	17.32	17.62	17.34	19.00
3		1	8	17.42	17.63	17.29	19.00
3		1	14	17.38	17.58	17.22	19.00
3		8	0	17.16	17.16	17.01	19.00
3		8	4	17.25	17.29	17.01	19.00
3		8	7	17.31	17.39	17.01	19.00
3		15	0	17.15	17.36	17.00	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.37	22.55	22.21	24.00
1.4		1	3	22.06	22.35	22.04	24.00
1.4		1	5	22.22	22.44	22.05	24.00
1.4		3	0	22.02	22.02	22.00	24.00
1.4		3	1	22.01	22.02	22.00	24.00
1.4		3	3	22.01	22.00	22.02	24.00
1.4		6	0	21.16	21.22	21.00	23.00
1.4	16QAM	1	0	21.79	21.93	21.60	23.00
1.4		1	3	21.69	21.92	21.41	23.00
1.4		1	5	21.48	21.66	21.31	23.00
1.4		3	0	21.00	21.02	21.00	23.00
1.4		3	1	21.01	21.01	21.00	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.19	20.34	20.01	22.00
1.4	64QAM	1	0	20.35	20.68	20.23	22.00
1.4		1	3	20.41	20.47	20.21	22.00
1.4		1	5	20.32	20.56	20.12	22.00
1.4		3	0	20.01	20.01	20.02	22.00
1.4		3	1	20.02	20.01	20.00	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.10	19.37	19.01	21.00
1.4	256QAM	1	0	17.33	17.66	17.28	19.00
1.4		1	3	17.41	17.54	17.16	19.00
1.4		1	5	17.44	17.58	17.28	19.00
1.4		3	0	17.14	17.26	17.01	19.00
1.4		3	1	17.26	17.38	17.01	19.00
1.4		3	3	17.24	17.32	17.07	19.00
1.4		6	0	17.03	17.30	17.03	19.00

<LTE Band 13_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.51		24.00
10		1	25		22.37		24.00
10		1	49		22.41		24.00
10		25	0		21.46		23.00
10		25	12		21.45		23.00
10		25	25		21.44		23.00
10		50	0		21.49		23.00
10	16QAM	1	0		21.79		23.00
10		1	25		21.69		23.00
10		1	49		21.78		23.00
10		25	0		20.41		22.00
10		25	12		20.45		22.00
10		25	25		20.42		22.00
10		50	0		20.56		22.00
10	64QAM	1	0		20.67		22.00
10		1	25		20.61		22.00
10		1	49		20.61		22.00
10		25	0		19.37		21.00
10		25	12		19.45		21.00
10		25	25		19.41		21.00
10		50	0		19.47		21.00
10	256QAM	1	0		17.70		19.00
10		1	25		17.66		19.00
10		1	49		17.59		19.00
10		25	0		17.47		19.00
10		25	12		17.54		19.00
10		25	25		17.52		19.00
10		50	0		17.55		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.43	22.50	22.45	24.00
5		1	12	22.09	22.19	22.10	24.00
5		1	24	22.16	22.33	22.16	24.00
5		12	0	21.15	21.34	21.24	23.00
5		12	7	21.09	21.27	21.13	23.00
5		12	13	21.17	21.29	21.14	23.00
5		25	0	21.17	21.28	21.18	23.00
5	16QAM	1	0	21.52	21.73	21.57	23.00
5		1	12	21.47	21.58	21.52	23.00
5		1	24	21.54	21.70	21.61	23.00
5		12	0	20.18	20.29	20.13	22.00
5		12	7	20.07	20.22	20.16	22.00
5		12	13	20.04	20.17	20.09	22.00
5		25	0	20.27	20.38	20.29	22.00
5	64QAM	1	0	20.43	20.54	20.44	22.00
5		1	12	20.36	20.44	20.26	22.00
5		1	24	20.24	20.45	20.37	22.00
5		12	0	19.05	19.25	19.16	21.00
5		12	7	19.13	19.31	19.22	21.00
5		12	13	19.15	19.29	19.19	21.00
5		25	0	19.21	19.30	19.13	21.00
5	256QAM	1	0	17.46	17.60	17.50	19.00
5		1	12	17.34	17.53	17.35	19.00
5		1	24	17.36	17.53	17.45	19.00
5		12	0	17.17	17.27	17.17	19.00
5		12	7	17.28	17.38	17.31	19.00
5		12	13	17.33	17.42	17.28	19.00
5		25	0	17.28	17.35	17.17	19.00

<LTE Band 14_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.93		24.00
10		1	49		22.94		24.00
10		25	0		21.91		23.00
10		25	12		21.88		23.00
10		25	25		21.86		23.00
10		50	0		21.91		23.00
10	16QAM	1	0		22.03		23.00
10		1	25		21.96		23.00
10		1	49		21.96		23.00
10		25	0		20.87		22.00
10		25	12		20.86		22.00
10		25	25		20.82		22.00
10		50	0		20.89		22.00
10	64QAM	1	0		20.99		22.00
10		1	25		20.93		22.00
10		1	49		20.94		22.00
10		25	0		19.90		21.00
10		25	12		19.91		21.00
10		25	25		19.86		21.00
10		50	0		19.91		21.00
10	256QAM	1	0		17.87		19.00
10		1	25		17.80		19.00
10		1	49		17.80		19.00
10		25	0		17.92		19.00
10		25	12		17.93		19.00
10		25	25		17.88		19.00
10		50	0		17.91		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.99	22.96	24.00
5		1	12	22.75	22.87	22.77	24.00
5		1	24	22.73	22.93	22.84	24.00
5		12	0	21.77	21.94	21.83	23.00
5		12	7	21.67	21.84	21.78	23.00
5		12	13	21.63	21.79	21.65	23.00
5		25	0	21.71	21.85	21.77	23.00
5	16QAM	1	0	21.84	22.02	21.88	23.00
5		1	12	21.73	21.89	21.85	23.00
5		1	24	21.65	21.85	21.72	23.00
5		12	0	20.74	20.94	20.81	22.00
5		12	7	20.75	20.89	20.75	22.00
5		12	13	20.76	20.86	20.73	22.00
5		25	0	20.73	20.92	20.85	22.00
5	64QAM	1	0	20.83	20.93	20.82	22.00
5		1	12	20.92	21.00	20.94	22.00
5		1	24	20.74	20.84	20.67	22.00
5		12	0	19.77	19.87	19.75	21.00
5		12	7	19.72	19.80	19.73	21.00
5		12	13	19.73	19.93	19.86	21.00
5		25	0	19.75	19.81	19.66	21.00
5	256QAM	1	0	17.61	17.78	17.62	19.00
5		1	12	17.62	17.77	17.73	19.00
5		1	24	17.67	17.79	17.67	19.00
5		12	0	17.78	17.85	17.80	19.00
5		12	7	17.89	17.95	17.87	19.00
5		12	13	17.72	17.82	17.75	19.00
5		25	0	17.86	17.94	17.89	19.00

<LTE Band 17_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.47	22.52	22.18	24.00
10		1	25	22.31	22.51	22.05	24.00
10		1	49	22.31	22.50	22.10	24.00
10		25	0	21.49	21.58	21.22	23.00
10		25	12	21.41	21.57	21.13	23.00
10		25	25	21.34	21.46	21.01	23.00
10		50	0	21.27	21.43	21.09	23.00
10	16QAM	1	0	21.45	21.61	21.14	23.00
10		1	25	21.67	21.76	21.33	23.00
10		1	49	21.73	21.85	21.40	23.00
10		25	0	20.19	20.34	20.00	22.00
10		25	12	20.39	20.54	20.14	22.00
10		25	25	20.36	20.45	20.02	22.00
10		50	0	20.33	20.40	20.00	22.00
10	64QAM	1	0	20.37	20.52	20.15	22.00
10		1	25	20.62	20.69	20.36	22.00
10		1	49	20.53	20.65	20.21	22.00
10		25	0	19.21	19.36	19.01	21.00
10		25	12	19.35	19.53	19.09	21.00
10		25	25	19.34	19.46	19.15	21.00
10		50	0	19.35	19.42	19.01	21.00
10	256QAM	1	0	17.22	17.36	17.01	19.00
10		1	25	17.57	17.67	17.27	19.00
10		1	49	17.45	17.54	17.15	19.00
10		25	0	17.20	17.36	17.00	19.00
10		25	12	17.42	17.52	17.24	19.00
10		25	25	17.36	17.44	17.06	19.00
10		50	0	17.33	17.39	17.10	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.37	22.39	22.15	24.00
5		1	12	22.24	22.46	22.00	24.00
5		1	24	22.22	22.49	22.02	24.00
5		12	0	21.43	21.48	21.20	23.00
5		12	7	21.28	21.46	21.00	23.00
5		12	13	21.27	21.41	21.00	23.00
5		25	0	21.25	21.29	21.04	23.00
5	16QAM	1	0	21.38	21.59	21.00	23.00
5		1	12	21.59	21.64	21.25	23.00
5		1	24	21.61	21.74	21.28	23.00
5		12	0	20.16	20.22	20.01	22.00
5		12	7	20.26	20.40	20.05	22.00
5		12	13	20.25	20.36	20.00	22.00
5		25	0	20.27	20.26	20.01	22.00
5	64QAM	1	0	20.28	20.46	20.06	22.00
5		1	12	20.48	20.61	20.33	22.00
5		1	24	20.45	20.62	20.06	22.00
5		12	0	19.13	19.34	19.01	21.00
5		12	7	19.32	19.39	19.03	21.00
5		12	13	19.22	19.31	19.13	21.00
5		25	0	19.31	19.36	19.00	21.00
5	256QAM	1	0	17.19	17.32	17.00	19.00
5		1	12	17.52	17.56	17.13	19.00
5		1	24	17.40	17.44	17.12	19.00
5		12	0	17.12	17.22	17.00	19.00
5		12	7	17.29	17.50	17.20	19.00
5		12	13	17.33	17.37	17.04	19.00
5		25	0	17.25	17.26	17.01	19.00

<LTE Band 25_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.49	19.53	19.37	21.00
20		1	49	19.25	19.40	19.13	21.00
20		1	99	19.34	19.51	19.25	21.00
20		50	0	19.45	19.48	19.38	21.00
20		50	24	19.29	19.37	19.13	21.00
20		50	50	19.40	19.46	19.28	21.00
20		100	0	19.23	19.36	19.10	21.00
20	16QAM	1	0	19.34	19.51	19.20	21.00
20		1	49	19.43	19.49	19.24	21.00
20		1	99	19.41	19.51	19.28	21.00
20		50	0	19.36	19.49	19.23	21.00
20		50	24	19.29	19.36	19.13	21.00
20		50	50	19.36	19.45	19.24	21.00
20		100	0	19.33	19.49	19.30	21.00
20	64QAM	1	0	19.33	19.43	19.15	21.00
20		1	49	19.28	19.43	19.12	21.00
20		1	99	19.33	19.40	19.15	21.00
20		50	0	19.27	19.38	19.13	21.00
20		50	24	19.35	19.48	19.25	21.00
20		50	50	19.36	19.48	19.29	21.00
20		100	0	19.38	19.50	19.25	21.00
20	256QAM	1	0	17.83	17.87	17.49	19.00
20		1	49	17.76	17.81	17.42	19.00
20		1	99	17.73	17.86	17.53	19.00
20		50	0	17.72	17.82	17.42	19.00
20		50	24	17.71	17.81	17.46	19.00
20		50	50	17.66	17.75	17.41	19.00
20		100	0	17.63	17.75	17.38	19.00
Channel				26115	26340	26615	Tune-up Limit
Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	19.36	19.43	19.35	21.00
15		1	37	19.28	19.38	19.21	21.00
15		1	74	19.35	19.49	19.27	21.00
15		36	0	19.39	19.37	19.34	21.00
15		36	20	19.26	19.33	19.13	21.00
15		36	39	19.27	19.44	19.16	21.00
15		75	0	19.21	19.23	19.20	21.00
15	16QAM	1	0	19.26	19.43	19.26	21.00
15		1	37	19.38	19.43	19.17	21.00
15		1	74	19.28	19.36	19.26	21.00
15		36	0	19.36	19.36	19.22	21.00
15		36	20	19.25	19.34	19.17	21.00
15		36	39	19.23	19.44	19.14	21.00
15		75	0	19.31	19.39	19.26	21.00
15	64QAM	1	0	19.30	19.33	19.13	21.00
15		1	37	19.26	19.32	19.20	21.00
15		1	74	19.31	19.36	19.21	21.00
15		36	0	19.29	19.32	19.10	21.00
15		36	20	19.33	19.37	19.16	21.00
15		36	39	19.34	19.44	19.16	21.00
15		75	0	19.37	19.38	19.18	21.00
15	256QAM	1	0	17.11	17.10	17.12	19.00
15		1	37	17.13	17.05	17.07	19.00
15		1	74	17.14	17.05	17.08	19.00
15		36	0	17.14	17.04	17.10	19.00
15		36	20	17.04	17.04	17.09	19.00
15		36	39	17.04	17.05	17.05	19.00
15		75	0	17.13	17.13	17.07	19.00
Channel				26090	26340	26590	Tune-up Limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	19.42	19.45	19.27	21.00
10		1	25	19.26	19.34	19.13	21.00
10		1	49	19.22	19.43	19.28	21.00
10		25	0	19.31	19.37	19.36	21.00
10		25	12	19.24	19.31	19.22	21.00
10		25	25	19.38	19.39	19.21	21.00
10		50	0	19.26	19.33	19.10	21.00
10	16QAM	1	0	19.27	19.45	19.27	21.00
10		1	25	19.34	19.43	19.16	21.00
10		1	49	19.39	19.41	19.28	21.00
10		25	0	19.34	19.46	19.21	21.00
10		25	12	19.27	19.35	19.15	21.00
10		25	25	19.33	19.41	19.25	21.00
10		50	0	19.28	19.42	19.25	21.00
10	64QAM	1	0	19.31	19.42	19.19	21.00
10		1	25	19.26	19.37	19.20	21.00
10		1	49	19.32	19.35	19.14	21.00
10		25	0	19.23	19.23	19.16	21.00
10		25	12	19.34	19.33	19.14	21.00
10		25	25	19.26	19.41	19.23	21.00
10		50	0	19.34	19.42	19.17	21.00
10	256QAM	1	0	17.08	17.07	17.00	19.00
10		1	25	17.08	17.13	17.10	19.00
10		1	49	17.06	17.09	17.08	19.00
10		25	0	17.06	17.07	17.03	19.00
10		25	12	17.01	17.12	17.13	19.00
10		25	25	17.14	17.04	17.01	19.00
10		50	0	17.02	17.01	17.09	19.00
Channel				26065	26340	26665	Tune-up Limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	19.44	19.41	19.35	21.00
5		1	12	19.22	19.27	19.14	21.00
5		1	24	19.23	19.37	19.15	21.00
5		12	0	19.38	19.45	19.26	21.00
5		12	7	19.27	19.30	19.12	21.00
5		12	13	19.31	19.32	19.15	21.00
5		25	0	19.17	19.33	19.19	21.00
5	16QAM	1	0	19.31	19.40	19.19	21.00
5		1	12	19.32	19.36	19.19	21.00
5		1	24	19.32	19.39	19.24	21.00
5		12	0	19.32	19.47	19.21	21.00
5		12	7	19.28	19.22	19.17	21.00
5		12	13	19.33	19.43	19.25	21.00
5		25	0	19.29	19.34	19.20	21.00
5	64QAM	1	0	19.33	19.39	19.14	21.00
5		1	12	19.23	19.37	19.22	21.00
5		1	24	19.21	19.35	19.21	21.00
5		12	0	19.27	19.29	19.21	21.00
5		12	7	19.26	19.38	19.21	21.00
5		12	13	19.23	19.38	19.20	21.00
5		25	0	19.25	19.43	19.25	21.00
5	256QAM	1	0	17.11	17.14	17.07	19.00
5		1	12	17.05	17.08	17.01	19.00
5		1	24	17.05	17.03	17.01	19.00
5		12	0	17.05	17.08	17.03	19.00
5		12	7	17.03	17.09	17.14	19.00
5		12	13	17.12	17.05	17.00	19.00
5		25	0	17.03	17.09	17.06	19.00
Channel				26055	26340	26675	Tune-up Limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	19.44	19.39	19.34	21.00
3		1	8	19.29	19.25	19.16	21.00
3		1	14	19.35	19.47	19.28	21.00
3		8	0	19.37	19.44	19.25	21.00
3		8	4	19.26	19.26	19.18	21.00
3		8	7	19.26	19.38	19.18	21.00
3		15	0	19.25	19.32	19.15	21.00
3	16QAM	1	0	19.38	19.39	19.25	21.00
3		1	8	19.36	19.47	19.22	21.00
3		1	14	19.32	19.45	19.21	21.00
3		8	0	19.29	19.30	19.23	21.00
3		8	4	19.18	19.30	19.15	21.00
3		8	7	19.31	19.34	19.16	21.00
3		15	0	19.19	19.40	19.17	21.00
3	64QAM	1	0	19.23	19.32	19.14	21.00
3		1	8	19.27	19.31	19.20	21.00
3		1	14	19.33	19.26	19.23	21.00
3		8	0	19.20	19.25	19.11	21.00
3		8	4	19.29	19.45	19.14	21.00
3		8	7	19.23	19.41	19.25	21.00
3		15	0	19.35	19.40	19.17	21.00
3	256QAM	1	0	17.00	17.08	17.00	19.00
3		1	8	17.14	17.07	17.04	19.00
3		1	14	17.12	17.05	17.07	19.00
3		8	0	17.07	17.15	17.12	19.00
3		8	4	17.06	17.11	17.12	19.00
3		8	7	17.09	17.11	17.07	19.00
3		15	0	17.06	17.05	17.06	19.00
Channel				26047	26340	26683	Tune-up Limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	19.35	19.47	19.30	21.00
1.4		1	3	19.27	19.37	19.16	21.00
1.4		1	5	19.25	19.48	19.20	21.00
1.4		3	0	19.37	19.37	19.26	21.00
1.4		3	1	19.27	19.35	19.10	21.00
1.4		3	3	19.31	19.34	19.14	21.00
1.4		6	0	19.23	19.32	19.19	21.00
1.4	16QAM	1	0	19.29	19.49	19.16	21.00
1.4		1	3	19.35	19.44	19.25	21.00
1.4		1	5	19.36	19.45	19.24	21.00
1.4		3	0	19.33	19.40	19.14	21.00
1.4		3	1	19.18	19.30	19.12	21.00
1.4		3	3	19.28	19.38	19.24	21.00
1.4		6	0	19.29	19.41	19.24	21.00
1.4	64QAM	1	0	19.30	19.31	19.23	21.00
1.4		1	3	19.28	19.36	19.21	21.00
1.4		1	5	19.29	19.36	19.15	21.00
1.4		3	0	19.29	19.29	19.10	21.00
1.4		3	1	19.36	19.41	19.24	21.00
1.4		3	3	19.26	19.41	19.15	21.00
1.4		6	0	19.30	19.48	19.17	21.00
1.4	256QAM	1	0	17.14	17.15	17.14	19.00
1.4		1	3	17.04	17.14	17.02	19.00
1.4		1	5	17.08	17.08	17.03	19.00
1.4		3	0	17.14	17.14	17.05	19.00
1.4		3	1	17.15	17.10	17.11	19.00
1.4		3	3	17.07	17.06	17.04	19.00
1.4		6	0	17.03	17.12	17.12	19.00

<LTE Band 26_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				831.5	841.5	851.5	
15	QPSK	1	0	21.46	21.58	21.47	23.20
15		1	37	21.33	21.55	21.34	23.20
15		1	74	21.26	21.48	21.37	23.20
15		36	0	21.42	21.50	21.38	23.00
15		36	20	21.33	21.47	21.28	23.00
15		36	39	21.32	21.48	21.32	23.00
15		75	0	21.41	21.52	21.40	23.00
15	16QAM	1	0	21.54	21.49	21.43	23.00
15		1	37	21.44	21.51	21.40	23.00
15		1	74	21.46	21.53	21.56	23.00
15		36	0	20.37	20.50	20.42	22.00
15		36	20	20.31	20.46	20.37	22.00
15		36	39	20.42	20.50	20.31	22.00
15		75	0	20.47	20.50	20.37	22.00
15	64QAM	1	0	20.54	20.66	20.57	22.00
15		1	37	20.63	20.72	20.62	22.00
15		1	74	20.71	20.82	20.63	22.00
15		36	0	19.44	19.57	19.45	21.00
15		36	20	19.39	19.54	19.45	21.00
15		36	39	19.49	19.57	19.39	21.00
15		75	0	19.40	19.53	19.41	21.00
15	256QAM	1	0	17.67	17.72	17.54	19.00
15		1	37	17.68	17.71	17.57	19.00
15		1	74	17.65	17.70	17.62	19.00
15		36	0	17.53	17.56	17.49	19.00
15		36	20	17.55	17.59	17.41	19.00
15		36	39	17.41	17.58	17.49	19.00
15		75	0	17.50	17.58	17.42	19.00
Channel				26740	26865	26990	Tune-up Limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	21.40	21.46	21.35	23.20
10		1	25	21.42	21.44	21.31	23.20
10		1	49	21.26	21.33	21.42	23.20
10		25	0	21.15	21.19	21.14	23.00
10		25	12	21.14	21.26	21.16	23.00
10		25	25	21.09	21.20	21.13	23.00
10		50	0	21.12	21.24	21.13	23.00
10	16QAM	1	0	21.29	21.18	21.14	23.00
10		1	25	21.23	21.26	21.19	23.00
10		1	49	21.21	21.23	21.26	23.00
10		25	0	20.01	20.12	20.07	22.00
10		25	12	20.10	20.12	20.10	22.00
10		25	25	20.09	20.06	20.14	22.00
10		50	0	20.12	20.11	20.10	22.00
10	64QAM	1	0	20.01	20.03	20.09	22.00
10		1	25	20.10	20.10	20.04	22.00
10		1	49	20.04	20.12	20.10	22.00
10		25	0	19.04	19.09	19.11	21.00
10		25	12	19.01	19.11	19.08	21.00
10		25	25	19.12	19.05	19.14	21.00
10		50	0	19.00	19.12	19.12	21.00
10	256QAM	1	0	17.09	17.06	17.14	19.00
10		1	25	17.04	17.13	17.02	19.00
10		1	49	17.12	17.07	17.02	19.00
10		25	0	17.05	17.09	17.01	19.00
10		25	12	17.13	17.09	17.07	19.00
10		25	25	17.07	17.15	17.00	19.00
10		50	0	17.12	17.05	17.04	19.00
Channel				26715	26865	27015	Tune-up Limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	21.35	21.57	21.33	23.20
5		1	12	21.36	21.42	21.35	23.20
5		1	24	21.28	21.37	21.41	23.20
5		12	0	21.17	21.19	21.15	23.00
5		12	7	21.15	21.19	21.11	23.00
5		12	13	21.07	21.23	21.18	23.00
5		25	0	21.14	21.19	21.09	23.00
5	16QAM	1	0	21.25	21.19	21.22	23.00
5		1	12	21.23	21.25	21.11	23.00
5		1	24	21.13	21.25	21.26	23.00
5		12	0	20.11	20.04	20.12	22.00
5		12	7	20.14	20.14	20.07	22.00
5		12	13	20.07	20.04	20.10	22.00
5		25	0	20.07	20.11	20.03	22.00
5	64QAM	1	0	20.14	20.15	20.05	22.00
5		1	12	20.04	20.04	20.11	22.00
5		1	24	20.06	20.11	20.13	22.00
5		12	0	19.00	19.12	19.04	21.00
5		12	7	19.14	19.03	19.10	21.00
5		12	13	19.10	19.06	19.03	21.00
5		25	0	19.10	19.09	19.04	21.00
5	256QAM	1	0	17.08	17.07	17.10	19.00
5		1	12	17.12	17.08	17.07	19.00
5		1	24	17.01	17.10	17.11	19.00
5		12	0	17.10	17.10	17.13	19.00
5		12	7	17.08	17.03	17.14	19.00
5		12	13	17.00	17.00	17.05	19.00
5		25	0	17.09	17.14	17.14	19.00
Channel				26705	26865	27025	Tune-up Limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	21.43	21.46	21.43	23.20
3		1	8	21.33	21.50	21.37	23.20
3		1	14	21.37	21.40	21.32	23.20
3		8	0	21.13	21.24	21.06	23.00
3		8	4	21.20	21.21	21.17	23.00
3		8	7	21.10	21.16	21.19	23.00
3		15	0	21.19	21.27	21.16	23.00
3	16QAM	1	0	21.23	21.23	21.15	23.00
3		1	8	21.17	21.25	21.16	23.00
3		1	14	21.16	21.25	21.27	23.00
3		8	0	20.13	20.02	20.07	22.00
3		8	4	20.14	20.14	20.07	22.00
3		8	7	20.05	20.01	20.00	22.00
3		15	0	20.08	20.09	20.04	22.00
3	64QAM	1	0	20.14	20.05	20.02	22.00
3		1	8	20.06	20.03	20.09	22.00
3		1	14	20.08	20.08	20.07	22.00
3		8	0	19.03	19.03	19.17	21.00
3		8	4	19.12	19.12	19.04	21.00
3		8	7	19.14	19.13	19.10	21.00
3		15	0	19.05	19.04	19.05	21.00
3	256QAM	1	0	17.13	17.03	17.09	19.00
3		1	8	17.12	17.02	17.11	19.00
3		1	14	17.11	17.03	17.00	19.00
3		8	0	17.01	17.05	17.06	19.00
3		8	4	17.07	17.15	17.02	19.00
3		8	7	17.08	17.09	17.05	19.00
3		15	0	17.01	17.00	17.12	19.00
Channel				26697	26865	27033	Tune-up Limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	21.42	21.52	21.42	23.20
1.4		1	3	21.40	21.54	21.36	23.20
1.4		1	5	21.37	21.41	21.31	23.20
1.4		3	0	21.32	21.41	21.30	23.20
1.4		3	1	21.34	21.39	21.31	23.20
1.4		3	3	21.28	21.35	21.27	23.20
1.4		6	0	21.18	21.22	21.15	23.00
1.4	16QAM	1	0	21.22	21.17	21.20	23.00
1.4		1	3	21.17	21.21	21.14	23.00
1.4		1	5	21.15	21.19	21.25	23.00
1.4		3	0	21.04	21.01	21.01	23.00
1.4		3	1	21.09	21.07	21.10	23.00
1.4		3	3	21.13	21.12	21.06	23.00
1.4		6	0	20.09	20.12	20.09	22.00
1.4	64QAM	1	0	20.15	20.14	20.08	22.00
1.4		1	3	20.15	20.03	20.12	22.00
1.4		1	5	20.03	20.01	20.15	22.00
1.4		3	0	20.03	20.01	20.04	22.00
1.4		3	1	20.01	20.12	20.02	22.00
1.4		3	3	20.08	20.07	20.02	22.00
1.4		6	0	19.13	19.05	19.11	21.00
1.4	256QAM	1	0	17.06	17.12	17.11	19.00
1.4		1	3	17.09	17.07	17.01	19.00
1.4		1	5	17.10	17.09	17.10	19.00
1.4		3	0	17.05	17.11	17.09	19.00
1.4		3	1	17.04	17.03	17.15	19.00
1.4		3	3	17.14	17.04	17.11	19.00
1.4		6	0	17.04	17.14	17.04	19.00

<LTE Band 66_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.97	19.10	18.86	20.30
20		1	49	18.89	19.09	18.74	20.30
20		1	99	18.75	18.95	18.58	20.30
20		50	0	18.99	19.08	18.88	20.30
20		50	24	18.78	19.05	18.77	20.30
20		50	50	18.84	19.00	18.67	20.30
20		100	0	18.63	18.90	18.54	20.30
20	16QAM	1	0	18.81	19.08	18.74	20.30
20		1	49	18.77	18.98	18.60	20.30
20		1	99	18.77	19.02	18.71	20.30
20		50	0	18.87	19.04	18.78	20.30
20		50	24	18.86	19.07	18.79	20.30
20		50	50	18.71	18.92	18.59	20.30
20		100	0	18.73	18.95	18.59	20.30
20	64QAM	1	0	18.91	19.05	18.76	20.30
20		1	49	18.79	18.93	18.63	20.30
20		1	99	18.87	19.06	18.76	20.30
20		50	0	18.67	18.89	18.56	20.30
20		50	24	18.77	18.98	18.65	20.30
20		50	50	18.83	19.06	18.71	20.30
20		100	0	18.68	18.91	18.63	20.30
20	256QAM	1	0	17.00	17.14	17.00	19.00
20		1	49	17.04	17.41	17.06	19.00
20		1	99	17.14	17.49	17.12	19.00
20		50	0	17.00	17.16	17.00	19.00
20		50	24	17.00	17.27	17.00	19.00
20		50	50	17.01	17.31	17.00	19.00
20		100	0	17.02	17.26	17.01	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.90	19.08	18.79	20.30
15		1	37	18.82	19.04	18.66	20.30
15		1	74	18.68	18.89	18.57	20.30
15		36	0	18.88	18.95	18.74	20.30
15		36	20	18.68	18.91	18.72	20.30
15		36	39	18.75	18.85	18.54	20.30
15		75	0	18.56	18.84	18.54	20.30
15	16QAM	1	0	18.77	18.99	18.65	20.30
15		1	37	18.73	18.84	18.63	20.30
15		1	74	18.71	18.87	18.61	20.30
15		36	0	18.77	18.90	18.69	20.30
15		36	20	18.78	18.93	18.75	20.30
15		36	39	18.66	18.85	18.50	20.30
15		75	0	18.72	18.89	18.56	20.30
15	64QAM	1	0	18.89	18.92	18.64	20.30
15		1	37	18.74	18.88	18.58	20.30
15		1	74	18.77	18.94	18.74	20.30
15		36	0	18.59	18.76	18.52	20.30
15		36	20	18.67	18.92	18.64	20.30
15		36	39	18.77	18.90	18.69	20.30
15		75	0	18.65	18.83	18.62	20.30
15	256QAM	1	0	17.12	17.15	17.02	19.00
15		1	37	17.13	17.12	17.12	19.00
15		1	74	17.13	17.12	17.10	19.00
15		36	0	17.05	17.09	17.10	19.00
15		36	20	17.05	17.01	17.05	19.00
15		36	39	17.14	17.08	17.02	19.00
15		75	0	17.00	17.07	17.03	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.83	19.08	18.82	20.30
10		1	25	18.85	19.06	18.68	20.30
10		1	49	18.71	18.88	18.61	20.30
10		25	0	18.87	18.92	18.80	20.30
10		25	12	18.73	19.04	18.64	20.30
10		25	25	18.72	18.95	18.62	20.30
10		50	0	18.68	18.77	18.61	20.30
10	16QAM	1	0	18.71	19.03	18.73	20.30
10		1	25	18.77	18.89	18.60	20.30
10		1	49	18.70	18.93	18.59	20.30
10		25	0	18.76	18.98	18.73	20.30
10		25	12	18.73	18.94	18.76	20.30
10		25	25	18.65	18.90	18.56	20.30
10		50	0	18.64	18.87	18.63	20.30
10	64QAM	1	0	18.81	18.91	18.62	20.30
10		1	25	18.74	18.91	18.51	20.30
10		1	49	18.61	18.88	18.75	20.30
10		25	0	18.60	18.77	18.58	20.30
10		25	12	18.74	18.86	18.59	20.30
10		25	25	18.70	18.96	18.60	20.30
10		50	0	18.62	18.81	18.50	20.30
10	256QAM	1	0	17.08	17.09	17.12	19.00
10		1	25	17.07	17.11	17.09	19.00
10		1	49	17.12	17.12	17.03	19.00
10		25	0	17.06	17.07	17.07	19.00
10		25	12	17.01	17.01	17.01	19.00
10		25	25	17.08	17.02	17.14	19.00
10		50	0	17.09	17.08	17.01	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.83	19.03	18.74	20.30
5		1	12	18.76	19.01	18.65	20.30
5		1	24	18.69	18.86	18.52	20.30
5		12	0	18.90	18.94	18.77	20.30
5		12	7	18.66	18.92	18.68	20.30
5		12	13	18.81	18.91	18.63	20.30
5		25	0	18.60	18.85	18.49	20.30
5	16QAM	1	0	18.73	19.01	18.80	20.30
5		1	12	18.77	18.92	18.60	20.30
5		1	24	18.65	18.90	18.60	20.30
5		12	0	18.82	18.98	18.72	20.30
5		12	7	18.78	18.97	18.76	20.30
5		12	13	18.71	18.86	18.62	20.30
5		25	0	18.75	18.93	18.61	20.30
5	64QAM	1	0	18.88	18.92	18.64	20.30
5		1	12	18.68	18.91	18.51	20.30
5		1	24	18.75	19.00	18.69	20.30
5		12	0	18.58	18.85	18.60	20.30
5		12	7	18.64	18.87	18.54	20.30
5		12	13	18.78	19.05	18.86	20.30
5		25	0	18.61	18.88	18.51	20.30
5	256QAM	1	0	17.13	17.05	17.13	19.00
5		1	12	17.04	17.02	17.01	19.00
5		1	24	17.01	17.07	17.14	19.00
5		12	0	17.14	17.09	17.01	19.00
5		12	7	17.03	17.04	17.07	19.00
5		12	13	17.10	17.09	17.15	19.00
5		25	0	17.11	17.12	17.08	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.93	18.96	18.76	20.30
3		1	8	18.85	18.97	18.68	20.30
3		1	14	18.74	18.93	18.55	20.30
3		8	0	18.92	18.99	18.75	20.30
3		8	4	18.65	19.02	18.71	20.30
3		8	7	18.69	18.88	18.65	20.30
3		15	0	18.63	18.83	18.54	20.30
3	16QAM	1	0	18.77	19.02	18.71	20.30
3		1	8	18.79	18.91	18.60	20.30
3		1	14	18.72	18.88	18.59	20.30
3		8	0	18.86	18.95	18.68	20.30
3		8	4	18.74	19.04	18.75	20.30
3		8	7	18.66	18.87	18.53	20.30
3		15	0	18.68	18.92	18.54	20.30
3	64QAM	1	0	18.88	18.99	18.66	20.30
3		1	8	18.76	18.79	18.57	20.30
3		1	14	18.79	18.99	18.67	20.30
3		8	0	18.63	18.88	18.57	20.30
3		8	4	18.71	18.87	18.53	20.30
3		8	7	18.79	18.93	18.56	20.30
3		15	0	18.66	18.80	18.52	20.30
3	256QAM	1	0	17.05	17.10	17.03	19.00
3		1	8	17.13	17.10	17.06	19.00
3		1	14	17.11	17.07	17.11	19.00
3		8	0	17.10	17.05	17.12	19.00
3		8	4	17.14	17.01	17.10	19.00
3		8	7	17.04	17.00	17.10	19.00
3		15	0	17.02	17.05	17.08	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.95	19.02	18.75	20.30
1.4		1	3	18.79	18.96	18.73	20.30
1.4		1	5	18.74	18.87	18.54	20.30
1.4		3	0	18.91	18.99	18.84	20.30
1.4		3	1	18.77	19.00	18.72	20.30
1.4		3	3	18.74	18.99	18.59	20.30
1.4		6	0	18.58	18.87	18.49	20.30
1.4	16QAM	1	0	18.79	18.97	18.60	20.30
1.4		1	3	18.72	18.89	18.63	20.30
1.4		1	5	18.64	18.94	18.61	20.30
1.4		3	0	18.84	18.96	18.69	20.30
1.4		3	1	18.78	18.96	18.71	20.30
1.4		3	3	18.59	18.85	18.60	20.30
1.4		6	0	18.63	18.82	18.51	20.30
1.4	64QAM	1	0	18.81	18.91	18.62	20.30
1.4		1	3	18.68	18.87	18.49	20.30
1.4		1	5	18.80	19.01	18.70	20.30
1.4		3	0	18.62	18.86	18.51	20.30
1.4		3	1	18.72	18.95	18.54	20.30
1.4		3	3	18.71	19.04	18.59	20.30
1.4		6	0	18.60	18.76	18.59	20.30
1.4	256QAM	1	0	17.05	17.02	17.12	19.00
1.4		1	3	17.10	17.14	17.02	19.00
1.4		1	5	17.14	17.05	17.13	19.00
1.4		3	0	17.02	17.11	17.14	19.00
1.4		3	1	17.11	17.10	17.10	19.00
1.4		3	3	17.05	17.12	17.15	19.00
1.4		6	0	17.04	17.03	17.01	19.00

<LTE Band 71_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.61	22.66	22.55	24.00
20		1	49	22.47	22.57	22.37	24.00
20		1	99	22.31	22.49	22.36	24.00
20		50	0	21.42	21.62	21.38	23.00
20		50	24	21.44	21.51	21.36	23.00
20		50	50	21.39	21.53	21.39	23.00
20		100	0	21.41	21.55	21.32	23.00
20	16QAM	1	0	21.79	21.86	21.69	23.00
20		1	49	21.80	21.89	21.73	23.00
20		1	99	21.79	21.89	21.72	23.00
20		50	0	20.54	20.60	20.45	22.00
20		50	24	20.35	20.54	20.31	22.00
20		50	50	20.42	20.52	20.37	22.00
20		100	0	20.41	20.53	20.34	22.00
20	64QAM	1	0	20.79	20.85	20.73	22.00
20		1	49	20.70	20.76	20.59	22.00
20		1	99	20.51	20.70	20.55	22.00
20		50	0	19.60	19.66	19.50	21.00
20		50	24	19.44	19.60	19.43	21.00
20		50	50	19.54	19.61	19.42	21.00
20		100	0	19.57	19.63	19.45	21.00
20	256QAM	1	0	17.63	17.80	17.64	19.00
20		1	49	17.60	17.66	17.55	19.00
20		1	99	17.49	17.61	17.44	19.00
20		50	0	17.54	17.65	17.53	19.00
20		50	24	17.49	17.59	17.38	19.00
20		50	50	17.40	17.56	17.36	19.00
20		100	0	17.45	17.57	17.43	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.48	22.59	22.49	24.00
15		1	37	22.34	22.55	22.33	24.00
15		1	74	22.25	22.38	22.24	24.00
15		36	0	21.33	21.57	21.28	23.00
15		36	20	21.37	21.38	21.35	23.00
15		36	39	21.36	21.42	21.29	23.00
15		75	0	21.38	21.48	21.26	23.00
15	16QAM	1	0	21.70	21.73	21.65	23.00
15		1	37	21.69	21.82	21.60	23.00
15		1	74	21.71	21.78	21.67	23.00
15		36	0	20.48	20.55	20.34	22.00
15		36	20	20.21	20.50	20.19	22.00
15		36	39	20.40	20.39	20.33	22.00
15		75	0	20.30	20.41	20.26	22.00
15	64QAM	1	0	20.73	20.74	20.72	22.00
15		1	37	20.55	20.72	20.49	22.00
15		1	74	20.49	20.62	20.41	22.00
15		36	0	19.55	19.65	19.41	21.00
15		36	20	19.40	19.58	19.35	21.00
15		36	39	19.48	19.48	19.30	21.00
15		75	0	19.53	19.54	19.41	21.00
15	256QAM	1	0	17.55	17.77	17.59	19.00
15		1	37	17.48	17.62	17.45	19.00
15		1	74	17.44	17.53	17.40	19.00
15		36	0	17.49	17.59	17.47	19.00
15		36	20	17.43	17.50	17.32	19.00
15		36	39	17.35	17.47	17.23	19.00
15		75	0	17.38	17.45	17.29	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.58	22.56	22.51	24.00
10		1	25	22.37	22.51	22.30	24.00
10		1	49	22.22	22.40	22.30	24.00
10		25	0	21.29	21.57	21.33	23.00
10		25	12	21.36	21.49	21.33	23.00
10		25	25	21.24	21.42	21.34	23.00
10		50	0	21.28	21.53	21.24	23.00
10	16QAM	1	0	21.78	21.81	21.57	23.00
10		1	25	21.69	21.79	21.60	23.00
10		1	49	21.66	21.76	21.61	23.00
10		25	0	20.51	20.47	20.38	22.00
10		25	12	20.34	20.48	20.26	22.00
10		25	25	20.36	20.47	20.24	22.00
10		50	0	20.35	20.39	20.25	22.00
10	64QAM	1	0	20.74	20.80	20.66	22.00
10		1	25	20.58	20.70	20.55	22.00
10		1	49	20.48	20.63	20.49	22.00
10		25	0	19.54	19.65	19.46	21.00
10		25	12	19.34	19.55	19.32	21.00
10		25	25	19.45	19.48	19.30	21.00
10		50	0	19.45	19.50	19.43	21.00
10	256QAM	1	0	17.61	17.77	17.61	19.00
10		1	25	17.49	17.58	17.43	19.00
10		1	49	17.40	17.50	17.32	19.00
10		25	0	17.43	17.59	17.46	19.00
10		25	12	17.47	17.52	17.30	19.00
10		25	25	17.29	17.54	17.34	19.00
10		50	0	17.43	17.46	17.39	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.53	22.52	22.52	24.00
5		1	12	22.42	22.53	22.36	24.00
5		1	24	22.25	22.38	22.24	24.00
5		12	0	21.36	21.58	21.24	23.00
5		12	7	21.32	21.48	21.34	23.00
5		12	13	21.30	21.44	21.34	23.00
5		25	0	21.30	21.40	21.24	23.00
5	16QAM	1	0	21.73	21.83	21.66	23.00
5		1	12	21.71	21.74	21.70	23.00
5		1	24	21.70	21.74	21.60	23.00
5		12	0	20.51	20.55	20.36	22.00
5		12	7	20.21	20.53	20.30	22.00
5		12	13	20.39	20.50	20.36	22.00
5		25	0	20.30	20.42	20.31	22.00
5	64QAM	1	0	20.73	20.76	20.68	22.00
5		1	12	20.68	20.61	20.58	22.00
5		1	24	20.37	20.64	20.53	22.00
5		12	0	19.57	19.53	19.38	21.00
5		12	7	19.36	19.52	19.37	21.00
5		12	13	19.41	19.48	19.31	21.00
5		25	0	19.45	19.58	19.36	21.00
5	256QAM	1	0	17.58	17.76	17.53	19.00
5		1	12	17.50	17.61	17.47	19.00
5		1	24	17.34	17.48	17.30	19.00
5		12	0	17.44	17.62	17.39	19.00
5		12	7	17.35	17.56	17.34	19.00
5		12	13	17.33	17.44	17.27	19.00
5		25	0	17.39	17.45	17.28	19.00

<LTE Band 48_Ant 5_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	19.79	20.06	20.05	20.04	21.50
20		1	49	19.71	19.90	19.79	19.84	21.50
20		1	99	19.66	20.04	19.99	19.90	21.50
20		50	0	19.72	20.05	19.97	20.01	21.50
20		50	24	19.60	19.89	19.83	19.82	21.50
20		50	50	19.66	20.01	19.89	19.92	21.50
20		100	0	19.70	19.92	19.87	19.78	21.50
20	16QAM	1	0	19.58	19.84	19.76	19.76	21.50
20		1	49	19.63	19.89	19.78	19.79	21.50
20		1	99	19.69	20.05	19.95	19.99	21.50
20		50	0	19.75	19.92	19.77	19.80	21.50
20		50	24	19.59	19.84	19.71	19.68	21.50
20		50	50	19.71	19.89	19.78	19.78	21.50
20		100	0	19.73	19.88	19.80	19.83	21.50
20	64QAM	1	0	19.79	20.04	19.94	20.01	21.50
20		1	49	19.70	19.95	19.86	19.89	21.50
20		1	99	19.71	20.02	19.93	19.97	21.50
20		50	0	19.31	19.57	19.51	19.41	21.00
20		50	24	19.34	19.59	19.51	19.34	21.00
20		50	50	19.39	19.62	19.55	19.44	21.00
20		100	0	19.34	19.58	19.42	19.34	21.00
20	256QAM	1	0	17.17	17.43	17.38	17.23	19.00
20		1	49	17.27	17.51	17.48	17.28	19.00
20		1	99	17.34	17.56	17.40	17.32	19.00
20		50	0	17.53	17.69	17.62	17.48	19.00
20		50	24	17.51	17.73	17.67	17.48	19.00
20		50	50	17.61	17.76	17.65	17.61	19.00
20		100	0	17.46	17.69	17.60	17.50	19.00
Channel				55315	55820	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	19.77	20.03	19.99	19.99	21.50
15		1	37	19.66	19.89	19.78	19.73	21.50
15		1	74	19.79	19.93	19.93	19.89	21.50
15		36	0	19.76	19.99	19.86	19.92	21.50
15		36	20	19.60	19.85	19.77	19.83	21.50
15		36	39	19.70	19.88	19.88	19.93	21.50
15		75	0	19.63	19.81	19.82	19.74	21.50
15	16QAM	1	0	19.63	19.76	19.72	19.73	21.50
15		1	37	19.61	19.86	19.78	19.71	21.50
15		1	74	19.75	20.03	19.93	19.90	21.50
15		36	0	19.67	19.84	19.66	19.75	21.50
15		36	20	19.58	19.71	19.67	19.70	21.50
15		36	39	19.62	19.75	19.69	19.79	21.50
15		75	0	19.62	19.79	19.77	19.81	21.50
15	64QAM	1	0	19.71	19.98	19.90	19.88	21.50
15		1	37	19.71	19.87	19.79	19.79	21.50
15		1	74	19.67	20.00	19.88	19.94	21.50
15		36	0	19.06	19.00	19.00	19.04	21.00
15		36	20	19.12	19.03	19.06	19.05	21.00
15		36	39	19.09	19.07	19.02	19.04	21.00
15		75	0	19.15	19.01	19.06	19.02	21.00
15	256QAM	1	0	17.12	17.14	17.00	17.07	19.00
15		1	37	17.05	17.09	17.00	17.06	19.00
15		1	74	17.03	17.11	17.09	17.01	19.00
15		36	0	17.01	17.04	17.09	17.11	19.00
15		36	20	17.02	17.04	17.12	17.08	19.00
15		36	39	17.12	17.13	17.03	17.12	19.00
15		75	0	17.11	17.09	17.10	17.03	19.00
Channel				55200	55815	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	19.68	20.03	19.99	19.89	21.50
10		1	25	19.69	19.77	19.77	19.80	21.50
10		1	49	19.71	19.92	19.90	19.87	21.50
10		25	0	19.77	19.93	19.94	19.91	21.50
10		25	12	19.72	19.76	19.84	19.76	21.50
10		25	25	19.70	19.95	19.89	19.94	21.50
10		50	0	19.71	19.78	19.86	19.69	21.50
10	16QAM	1	0	19.69	19.76	19.71	19.71	21.50
10		1	25	19.66	19.86	19.69	19.82	21.50
10		1	49	19.77	19.95	19.84	19.88	21.50
10		25	0	19.70	19.82	19.68	19.87	21.50
10		25	12	19.66	19.72	19.65	19.74	21.50
10		25	25	19.70	19.87	19.76	19.67	21.50
10		50	0	19.62	19.83	19.70	19.82	21.50
10	64QAM	1	0	19.76	19.89	19.87	19.87	21.50
10		1	25	19.73	19.85	19.85	19.82	21.50
10		1	49	19.69	20.00	19.85	19.88	21.50
10		25	0	19.03	19.14	19.03	19.09	21.00
10		25	12	19.11	19.01	19.03	19.06	21.00
10		25	25	19.00	19.04	19.01	19.05	21.00
10		50	0	19.04	19.01	19.02	19.02	21.00
10	256QAM	1	0	17.12	17.07	17.14	17.04	19.00
10		1	25	17.15	17.07	17.01	17.15	19.00
10		1	49	17.14	17.07	17.08	17.06	19.00
10		25	0	17.11	17.07	17.11	17.04	19.00
10		25	12	17.04	17.02	17.02	17.11	19.00
10		25	25	17.15	17.05	17.02	17.01	19.00
10		50	0	17.11	17.05	17.03	17.08	19.00
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	19.66	19.93	19.97	19.98	21.50
5		1	12	19.63	19.77	19.67	19.77	21.50
5		1	24	19.67	19.98	19.98	19.83	21.50
5		12	0	19.80	19.99	19.94	20.00	21.50
5		12	7	19.63	19.80	19.74	19.75	21.50
5		12	13	19.67	19.99	19.91	19.87	21.50
5		25	0	19.70	19.80	19.85	19.69	21.50
5	16QAM	1	0	19.67	19.73	19.66	19.76	21.50
5		1	12	19.63	19.86	19.72	19.80	21.50
5		1	24	19.67	19.97	19.91	19.88	21.50
5		12	0	19.64	19.84	19.72	19.85	21.50
5		12	7	19.60	19.70	19.74	19.62	21.50
5		12	13	19.69	19.77	19.75	19.68	21.50
5		25	0	19.71	19.81	19.68	19.79	21.50
5	64QAM	1	0	19.79	19.96	19.93	19.99	21.50
5		1	12	19.65	19.88	19.81	19.81	21.50
5		1	24	19.66	19.97	19.86	19.94	21.50
5		12	0	19.04	19.04	19.02	19.13	21.00
5		12	7	19.01	19.06	19.07	19.02	21.00
5		12	13	19.10	19.06	19.10	19.01	21.00
5		25	0	19.09	19.00	19.05	19.03	21.00
5	256QAM	1	0	17.01	17.03	17.11	17.05	19.00
5		1	12	17.06	17.11	17.13	17.06	19.00
5		1	24	17.09	17.14	17.11	17.02	19.00
5		12	0	17.04	17.04	17.02	17.08	19.00
5		12	7	17.09	17.05	17.01	17.02	19.00
5		12	13	17.04	17.08	17.09	17.08	19.00
5		25	0	17.11	17.08	17.09	17.15	19.00

<LTE Band 2_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.15	21.18	21.07	22.50
20		1	49	20.88	21.01	20.87	22.50
20		1	99	20.86	20.99	20.75	22.50
20		50	0	21.01	21.13	21.01	22.50
20		50	24	21.04	21.12	20.87	22.50
20		50	50	21.05	21.11	20.96	22.50
20		100	0	20.96	21.09	20.87	22.50
20	16QAM	1	0	20.85	20.94	20.70	22.50
20		1	49	20.85	20.99	20.86	22.50
20		1	99	21.09	21.15	21.03	22.50
20		50	0	20.49	20.77	20.56	22.00
20		50	24	20.52	20.78	20.62	22.00
20		50	50	20.57	20.78	20.60	22.00
20		100	0	20.47	20.77	20.56	22.00
20	64QAM	1	0	20.61	20.90	20.64	22.00
20		1	49	20.67	20.97	20.75	22.00
20		1	99	20.80	21.06	20.92	22.00
20		50	0	19.55	19.78	19.62	21.00
20		50	24	19.53	19.79	19.64	21.00
20		50	50	19.57	19.82	19.62	21.00
20		100	0	19.57	19.79	19.67	21.00
20	256QAM	1	0	17.81	17.85	17.65	19.00
20		1	49	17.66	17.92	17.70	19.00
20		1	99	17.70	17.93	17.80	19.00
20		50	0	17.54	17.82	17.67	19.00
20		50	24	17.63	17.81	17.69	19.00
20		50	50	17.64	17.81	17.64	19.00
20		100	0	17.56	17.82	17.65	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.08	21.07	21.01	22.50
15		1	37	20.76	20.91	20.77	22.50
15		1	74	20.80	20.94	20.73	22.50
15		36	0	20.99	21.08	20.99	22.50
15		36	20	20.97	21.02	20.78	22.50
15		36	39	21.01	20.99	20.94	22.50
15		75	0	20.94	21.04	20.72	22.50
15	16QAM	1	0	20.76	20.82	20.69	22.50
15		1	37	20.76	20.91	20.82	22.50
15		1	74	20.98	21.13	20.95	22.50
15		36	0	20.14	20.13	20.17	22.00
15		36	20	20.08	20.24	20.17	22.00
15		36	39	20.08	20.16	20.16	22.00
15		75	0	20.16	20.23	20.11	22.00
15	64QAM	1	0	20.24	20.37	20.13	22.00
15		1	37	20.14	20.37	20.23	22.00
15		1	74	20.30	20.44	20.32	22.00
15		36	0	19.10	19.13	19.09	21.00
15		36	20	19.15	19.01	19.02	21.00
15		36	39	19.07	19.08	19.03	21.00
15		75	0	19.13	19.03	19.08	21.00
15	256QAM	1	0	17.05	17.13	17.14	19.00
15		1	37	17.01	17.02	17.12	19.00
15		1	74	17.02	17.06	17.06	19.00
15		36	0	17.14	17.05	17.02	19.00
15		36	20	17.14	17.02	17.06	19.00
15		36	39	17.12	17.10	17.02	19.00
15		75	0	17.00	17.01	17.11	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.09	21.06	20.94	22.50
10		1	25	20.82	20.98	20.75	22.50
10		1	49	20.86	21.02	20.72	22.50
10		25	0	20.93	21.04	20.97	22.50
10		25	12	20.98	21.04	20.83	22.50
10		25	25	20.97	21.08	20.90	22.50
10		50	0	20.83	21.03	20.77	22.50
10	16QAM	1	0	20.75	20.88	20.75	22.50
10		1	25	20.79	20.90	20.78	22.50
10		1	49	21.03	21.00	20.97	22.50
10		25	0	20.06	20.24	20.15	22.00
10		25	12	20.12	20.13	20.13	22.00
10		25	25	20.12	20.27	20.19	22.00
10		50	0	20.17	20.21	20.11	22.00
10	64QAM	1	0	20.24	20.34	20.13	22.00
10		1	25	20.23	20.45	20.29	22.00
10		1	49	20.22	20.50	20.41	22.00
10		25	0	19.04	19.03	19.07	21.00
10		25	12	19.10	19.11	19.06	21.00
10		25	25	19.08	19.12	19.05	21.00
10		50	0	19.06	19.01	19.04	21.00
10	256QAM	1	0	17.06	17.03	17.15	19.00
10		1	25	17.05	17.03	17.02	19.00
10		1	49	17.14	17.10	17.12	19.00
10		25	0	17.11	17.10	17.06	19.00
10		25	12	17.05	17.13	17.10	19.00
10		25	25	17.12	17.10	17.06	19.00
10		50	0	17.10	17.09	17.09	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.11	21.05	20.94	22.50
5		1	12	20.82	20.89	20.75	22.50
5		1	24	20.75	20.96	20.64	22.50
5		12	0	20.90	21.02	20.91	22.50
5		12	7	20.95	21.06	20.81	22.50
5		12	13	20.98	21.02	20.88	22.50
5		25	0	20.81	20.96	20.80	22.50
5	16QAM	1	0	20.82	20.84	20.66	22.50
5		1	12	20.77	20.97	20.78	22.50
5		1	24	21.01	21.03	20.89	22.50
5		12	0	20.07	20.19	20.17	22.00
5		12	7	20.19	20.23	20.08	22.00
5		12	13	20.10	20.20	20.09	22.00
5		25	0	20.12	20.14	20.14	22.00
5	64QAM	1	0	20.19	20.36	20.15	22.00
5		1	12	20.16	20.41	20.30	22.00
5		1	24	20.25	20.47	20.30	22.00
5		12	0	19.08	19.04	19.05	21.00
5		12	7	19.11	19.08	19.07	21.00
5		12	13	19.03	19.11	19.01	21.00
5		25	0	19.14	19.07	19.01	21.00
5	256QAM	1	0	17.09	17.01	17.05	19.00
5		1	12	17.02	17.09	17.10	19.00
5		1	24	17.08	17.06	17.14	19.00
5		12	0	17.02	17.14	17.10	19.00
5		12	7	17.13	17.02	17.08	19.00
5		12	13	17.04	17.07	17.14	19.00
5		25	0	17.02	17.07	17.14	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.06	21.15	20.96	22.50
3		1	8	20.76	20.86	20.84	22.50
3		1	14	20.73	20.97	20.66	22.50
3		8	0	20.88	21.03	20.99	22.50
3		8	4	20.93	21.03	20.72	22.50
3		8	7	21.00	21.02	20.88	22.50
3		15	0	20.82	20.95	20.82	22.50
3	16QAM	1	0	20.79	20.87	20.72	22.50
3		1	8	20.71	20.94	20.79	22.50
3		1	14	21.04	21.02	20.98	22.50
3		8	0	20.17	20.21	20.19	22.00
3		8	4	20.13	20.18	20.15	22.00
3		8	7	20.12	20.13	20.14	22.00
3		15	0	20.16	20.20	20.08	22.00
3	64QAM	1	0	20.22	20.36	20.20	22.00
3		1	8	20.20	20.45	20.21	22.00
3		1	14	20.30	20.45	20.29	22.00
3		8	0	19.08	19.10	19.04	21.00
3		8	4	19.05	19.14	19.02	21.00
3		8	7	19.13	19.05	19.04	21.00
3		15	0	19.00	19.13	19.05	21.00
3	256QAM	1	0	17.13	17.11	17.05	19.00
3		1	8	17.06	17.01	17.04	19.00
3		1	14	17.03	17.02	17.04	19.00
3		8	0	17.10	17.13	17.11	19.00
3		8	4	17.14	17.14	17.15	19.00
3		8	7	17.00	17.09	17.06	19.00
3		15	0	17.08	17.06	17.11	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.13	21.10	20.98	22.50
1.4		1	3	20.84	20.93	20.79	22.50
1.4		1	5	20.74	20.98	20.70	22.50
1.4		3	0	20.94	21.01	20.89	22.50
1.4		3	1	20.93	21.01	20.79	22.50
1.4		3	3	20.94	21.03	20.88	22.50
1.4		6	0	20.87	21.05	20.75	22.50
1.4	16QAM	1	0	20.76	20.92	20.70	22.50
1.4		1	3	20.80	20.93	20.84	22.50
1.4		1	5	21.07	21.11	21.02	22.50
1.4		3	0	20.67	20.64	20.67	22.50
1.4		3	1	20.64	20.67	20.58	22.50
1.4		3	3	20.63	20.72	20.63	22.50
1.4		6	0	20.08	20.17	20.17	22.00
1.4	64QAM	1	0	20.19	20.38	20.20	22.00
1.4		1	3	20.26	20.40	20.24	22.00
1.4		1	5	20.21	20.47	20.29	22.00
1.4		3	0	20.11	20.06	20.05	22.00
1.4		3	1	20.11	20.03	20.07	22.00
1.4		3	3	20.15	20.11	20.05	22.00
1.4		6	0	19.09	19.03	19.05	21.00
1.4	256QAM	1	0	17.04	17.02	17.09	19.00
1.4		1	3	17.07	17.08	17.08	19.00
1.4		1	5	17.07	17.09	17.07	19.00
1.4		3	0	17.01	17.00	17.10	19.00
1.4		3	1	17.10	17.12	17.11	19.00
1.4		3	3	17.13	17.05	17.11	19.00
1.4		6	0	17.09	17.12	17.06	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.15	20.21	20.10	21.50
20		1	49	19.95	20.09	19.89	21.50
20		1	99	19.80	19.86	19.81	21.50
20		50	0	19.92	20.15	20.12	21.50
20		50	24	19.95	20.11	19.83	21.50
20		50	50	19.90	20.01	19.94	21.50
20		100	0	19.96	20.00	19.93	21.50
20	16QAM	1	0	19.77	20.17	19.96	21.50
20		1	49	19.81	20.12	20.06	21.50
20		1	99	19.76	20.00	19.65	21.50
20		50	0	19.69	19.94	19.71	21.50
20		50	24	19.95	20.01	19.91	21.50
20		50	50	19.97	20.05	19.97	21.50
20		100	0	19.70	20.00	19.86	21.50
20	64QAM	1	0	19.99	20.09	20.05	21.50
20		1	49	19.72	20.06	19.69	21.50
20		1	99	19.89	20.03	20.00	21.50
20		50	0	19.69	19.90	19.77	21.00
20		50	24	19.78	19.87	19.90	21.00
20		50	50	19.68	19.85	19.92	21.00
20		100	0	19.76	19.92	19.88	21.00
20	256QAM	1	0	17.80	17.90	17.79	19.00
20		1	49	18.01	17.99	17.85	19.00
20		1	99	17.83	17.86	17.92	19.00
20		50	0	17.70	17.84	17.79	19.00
20		50	24	17.75	17.98	17.85	19.00
20		50	50	17.84	17.96	17.71	19.00
20		100	0	17.69	17.92	17.86	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.07	20.10	20.07	21.50
15		1	37	19.90	19.98	19.86	21.50
15		1	74	19.71	19.73	19.70	21.50
15		36	0	19.79	20.10	20.09	21.50
15		36	20	19.93	20.09	19.72	21.50
15		36	39	19.82	19.95	19.83	21.50
15		75	0	19.83	19.92	19.82	21.50
15	16QAM	1	0	19.76	20.05	19.89	21.50
15		1	37	19.80	20.07	20.04	21.50
15		1	74	19.71	19.92	19.66	21.50
15		36	0	19.74	19.90	19.69	21.50
15		36	20	19.83	19.98	19.79	21.50
15		36	39	19.84	19.93	19.94	21.50
15		75	0	19.64	19.87	19.83	21.50
15	64QAM	1	0	19.98	20.03	19.97	21.50
15		1	37	19.73	20.03	19.71	21.50
15		1	74	19.78	19.89	19.93	21.50
15		36	0	19.21	19.30	19.27	21.00
15		36	20	19.25	19.29	19.39	21.00
15		36	39	19.21	19.30	19.37	21.00
15		75	0	19.13	19.40	19.34	21.00
15	256QAM	1	0	17.04	17.07	17.11	19.00
15		1	37	17.02	17.03	17.00	19.00
15		1	74	17.14	17.06	17.07	19.00
15		36	0	17.15	17.10	17.08	19.00
15		36	20	17.07	17.11	17.12	19.00
15		36	39	17.01	17.04	17.09	19.00
15		75	0	17.04	17.01	17.01	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.05	20.06	20.08	21.50
10		1	25	19.94	19.97	19.82	21.50
10		1	49	19.77	19.79	19.79	21.50
10		25	0	19.77	20.01	20.05	21.50
10		25	12	19.85	20.04	19.72	21.50
10		25	25	19.79	19.95	19.91	21.50
10		50	0	19.84	19.87	19.91	21.50
10	16QAM	1	0	19.79	20.14	19.99	21.50
10		1	25	19.78	20.07	19.98	21.50
10		1	49	19.75	19.99	19.68	21.50
10		25	0	19.70	19.84	19.77	21.50
10		25	12	19.92	19.95	19.88	21.50
10		25	25	19.90	19.98	19.87	21.50
10		50	0	19.70	19.96	19.77	21.50
10	64QAM	1	0	19.94	20.00	20.03	21.50
10		1	25	19.76	20.02	19.75	21.50
10		1	49	19.80	19.99	19.89	21.50
10		25	0	19.14	19.27	19.26	21.00
10		25	12	19.20	19.29	19.33	21.00
10		25	25	19.19	19.21	19.35	21.00
10		50	0	19.21	19.28	19.32	21.00
10	256QAM	1	0	17.03	17.08	17.05	19.00
10		1	25	17.05	17.10	17.00	19.00
10		1	49	17.15	17.00	17.12	19.00
10		25	0	17.14	17.11	17.06	19.00
10		25	12	17.14	17.14	17.07	19.00
10		25	25	17.14	17.14	17.01	19.00
10		50	0	17.11	17.02	17.03	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1713.5	1732.5	1752.5	
5	QPSK	1	0	20.01	20.17	20.02	21.50
5		1	12	19.87	19.94	19.85	21.50
5		1	24	19.70	19.81	19.76	21.50
5		12	0	19.77	20.14	20.02	21.50
5		12	7	19.92	20.09	19.72	21.50
5		12	13	19.84	19.88	19.88	21.50
5		25	0	19.88	19.94	19.79	21.50
5	16QAM	1	0	19.81	20.11	19.94	21.50
5		1	12	19.76	19.97	19.99	21.50
5		1	24	19.76	19.87	19.65	21.50
5		12	0	19.65	19.89	19.63	21.50
5		12	7	19.93	19.89	19.84	21.50
5		12	13	19.95	19.91	19.92	21.50
5		25	0	19.72	19.94	19.86	21.50
5	64QAM	1	0	19.96	19.98	19.91	21.50
5		1	12	19.70	20.00	19.78	21.50
5		1	24	19.79	20.00	19.87	21.50
5		12	0	19.20	19.33	19.19	21.00
5		12	7	19.17	19.24	19.36	21.00
5		12	13	19.14	19.21	19.32	21.00
5		25	0	19.16	19.30	19.31	21.00
5	256QAM	1	0	17.09	17.06	17.07	19.00
5		1	12	17.13	17.09	17.07	19.00
5		1	24	17.05	17.01	17.03	19.00
5		12	0	17.06	17.14	17.09	19.00
5		12	7	17.08	17.05	17.11	19.00
5		12	13	17.14	17.12	17.05	19.00
5		25	0	17.04	17.04	17.13	19.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.03	20.15	20.04	21.50
3		1	8	19.91	19.96	19.77	21.50
3		1	14	19.71	19.72	19.77	21.50
3		8	0	19.89	20.13	20.05	21.50
3		8	4	19.92	20.09	19.77	21.50
3		8	7	19.83	19.87	19.91	21.50
3		15	0	19.86	19.90	19.82	21.50
3	16QAM	1	0	19.74	20.11	19.93	21.50
3		1	8	19.77	20.07	20.02	21.50
3		1	14	19.83	19.97	19.68	21.50
3		8	0	19.66	19.91	19.70	21.50
3		8	4	19.91	19.91	19.82	21.50
3		8	7	19.84	19.96	19.88	21.50
3		15	0	19.72	19.94	19.76	21.50
3	64QAM	1	0	19.93	20.07	20.00	21.50
3		1	8	19.77	20.02	19.67	21.50
3		1	14	19.83	19.93	19.93	21.50
3		8	0	19.21	19.28	19.21	21.00
3		8	4	19.21	19.33	19.26	21.00
3		8	7	19.15	19.23	19.32	21.00
3		15	0	19.17	19.27	19.35	21.00
3	256QAM	1	0	17.05	17.12	17.11	19.00
3		1	8	17.09	17.04	17.06	19.00
3		1	14	17.08	17.08	17.11	19.00
3		8	0	17.00	17.04	17.00	19.00
3		8	4	17.14	17.01	17.15	19.00
3		8	7	17.11	17.05	17.09	19.00
3		15	0	17.09	17.02	17.06	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.11	20.14	20.05	21.50
1.4		1	3	19.85	20.04	19.76	21.50
1.4		1	5	19.72	19.80	19.66	21.50
1.4		3	0	19.81	20.00	20.05	21.50
1.4		3	1	19.88	20.06	19.71	21.50
1.4		3	3	19.88	19.87	19.87	21.50
1.4		6	0	19.88	19.97	19.82	21.50
1.4	16QAM	1	0	19.74	20.08	19.97	21.50
1.4		1	3	19.76	20.01	19.97	21.50
1.4		1	5	19.84	19.87	19.77	21.50
1.4		3	0	19.68	19.86	19.69	21.50
1.4		3	1	19.80	19.93	19.82	21.50
1.4		3	3	19.83	19.95	19.84	21.50
1.4		6	0	19.64	19.87	19.84	21.50
1.4	64QAM	1	0	19.95	20.01	20.00	21.50
1.4		1	3	19.82	19.96	19.78	21.50
1.4		1	5	19.80	20.01	19.98	21.50
1.4		3	0	19.68	19.85	19.76	21.50
1.4		3	1	19.73	19.80	19.81	21.50
1.4		3	3	19.68	19.71	19.84	21.50
1.4		6	0	19.11	19.30	19.27	21.00
1.4	256QAM	1	0	17.05	17.11	17.07	19.00
1.4		1	3	17.13	17.09	17.10	19.00
1.4		1	5	17.04	17.07	17.11	19.00
1.4		3	0	17.05	17.06	17.03	19.00
1.4		3	1	17.07	17.08	17.02	19.00
1.4		3	3	17.03	17.01	17.05	19.00
1.4		6	0	17.02	17.11	17.05	19.00

<LTE Band 5_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.97	22.98	22.95	24.00
10		1	25	22.80	22.89	22.82	24.00
10		1	49	22.01	22.00	22.00	24.00
10		25	0	21.80	21.93	21.84	23.00
10		25	12	21.82	21.91	21.78	23.00
10		25	25	21.77	21.91	21.75	23.00
10		50	0	21.86	21.92	21.82	23.00
10	16QAM	1	0	22.18	22.29	22.23	23.00
10		1	25	22.06	22.15	21.99	23.00
10		1	49	22.01	22.14	22.06	23.00
10		25	0	20.81	20.90	20.78	22.00
10		25	12	20.74	20.89	20.83	22.00
10		25	25	20.75	20.88	20.82	22.00
10		50	0	20.76	20.91	20.84	22.00
10	64QAM	1	0	21.00	21.07	20.96	22.00
10		1	25	21.00	21.09	20.98	22.00
10		1	49	21.05	21.09	21.00	22.00
10		25	0	19.86	19.89	19.94	21.00
10		25	12	19.74	19.87	19.78	21.00
10		25	25	19.73	19.88	19.83	21.00
10		50	0	19.80	19.90	19.76	21.00
10	256QAM	1	0	17.99	18.03	17.97	19.00
10		1	25	17.85	17.98	17.94	19.00
10		1	49	17.88	17.91	17.79	19.00
10		25	0	17.91	17.93	17.84	19.00
10		25	12	17.87	17.95	17.87	19.00
10		25	25	17.83	17.91	17.82	19.00
10		50	0	17.86	17.93	17.85	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.85	22.90	22.87	24.00
5		1	12	22.74	22.80	22.71	24.00
5		1	24	22.02	22.02	22.00	24.00
5		12	0	21.71	21.79	21.75	23.00
5		12	7	21.71	21.88	21.67	23.00
5		12	13	21.68	21.88	21.65	23.00
5		25	0	21.73	21.88	21.68	23.00
5	16QAM	1	0	22.17	22.19	22.14	23.00
5		1	12	21.99	22.01	21.88	23.00
5		1	24	21.87	22.02	22.02	23.00
5		12	0	20.71	20.83	20.70	22.00
5		12	7	20.71	20.85	20.70	22.00
5		12	13	20.62	20.82	20.75	22.00
5		25	0	20.62	20.79	20.74	22.00
5	64QAM	1	0	20.89	21.05	20.91	22.00
5		1	12	20.96	21.04	20.89	22.00
5		1	24	20.92	21.06	20.97	22.00
5		12	0	19.78	19.78	19.81	21.00
5		12	7	19.62	19.81	19.76	21.00
5		12	13	19.62	19.73	19.72	21.00
5		25	0	19.76	19.85	19.75	21.00
5	256QAM	1	0	17.87	17.98	17.82	19.00
5		1	12	17.74	17.87	17.87	19.00
5		1	24	17.85	17.80	17.66	19.00
5		12	0	17.86	17.89	17.80	19.00
5		12	7	17.74	17.86	17.72	19.00
5		12	13	17.75	17.83	17.78	19.00
5		25	0	17.80	17.87	17.83	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.89	22.80	24.00
3		1	8	22.77	22.87	22.71	24.00
3		1	14	22.00	22.00	22.00	24.00
3		8	0	21.72	21.78	21.79	23.00
3		8	4	21.80	21.89	21.65	23.00
3		8	7	21.71	21.88	21.72	23.00
3		15	0	21.81	21.81	21.80	23.00
3	16QAM	1	0	22.15	22.18	22.21	23.00
3		1	8	21.93	22.05	21.89	23.00
3		1	14	21.98	22.04	22.00	23.00
3		8	0	20.72	20.85	20.63	22.00
3		8	4	20.68	20.75	20.73	22.00
3		8	7	20.65	20.82	20.77	22.00
3		15	0	20.63	20.78	20.77	22.00
3	64QAM	1	0	20.89	21.03	20.89	22.00
3		1	8	20.90	21.05	20.97	22.00
3		1	14	21.02	20.96	20.91	22.00
3		8	0	19.77	19.86	19.80	21.00
3		8	4	19.64	19.82	19.67	21.00
3		8	7	19.63	19.78	19.79	21.00
3		15	0	19.70	19.83	19.74	21.00
3	256QAM	1	0	17.92	17.91	17.87	19.00
3		1	8	17.81	17.86	17.82	19.00
3		1	14	17.86	17.78	17.72	19.00
3		8	0	17.82	17.83	17.71	19.00
3		8	4	17.73	17.83	17.77	19.00
3		8	7	17.72	17.85	17.69	19.00
3		15	0	17.83	17.82	17.73	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.91	22.93	24.00
1.4		1	3	22.69	22.85	22.76	24.00
1.4		1	5	22.00	22.00	22.02	24.00
1.4		3	0	22.00	22.01	22.01	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.81	21.89	21.79	23.00
1.4	16QAM	1	0	22.16	22.16	22.13	23.00
1.4		1	3	21.93	22.01	21.93	23.00
1.4		1	5	21.97	22.03	21.96	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.02	21.00	23.00
1.4		3	3	21.00	21.00	21.00	23.00
1.4		6	0	20.81	20.81	20.70	22.00
1.4	64QAM	1	0	20.96	21.00	20.94	22.00
1.4		1	3	20.89	20.94	20.85	22.00
1.4		1	5	21.00	21.04	20.86	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.02	20.01	20.00	22.00
1.4		6	0	19.71	19.76	19.67	21.00
1.4	256QAM	1	0	17.96	18.02	17.83	19.00
1.4		1	3	17.73	17.86	17.89	19.00
1.4		1	5	17.73	17.88	17.71	19.00
1.4		3	0	17.76	17.79	17.74	19.00
1.4		3	1	17.85	17.93	17.82	19.00
1.4		3	3	17.82	17.89	17.73	19.00
1.4		6	0	17.76	17.86	17.84	19.00

<LTE Band 12_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.92	22.99	22.89	24.00
10		1	25	22.64	22.85	22.43	24.00
10		1	49	22.68	22.89	22.56	24.00
10		25	0	21.74	21.89	21.56	23.00
10		25	12	21.63	21.84	21.53	23.00
10		25	25	21.68	21.88	21.53	23.00
10		50	0	21.70	21.88	21.57	23.00
10	16QAM	1	0	22.26	22.36	21.94	23.00
10		1	25	22.01	22.19	21.80	23.00
10		1	49	22.18	22.28	21.87	23.00
10		25	0	20.69	20.78	20.41	22.00
10		25	12	20.73	20.81	20.42	22.00
10		25	25	20.80	20.89	20.47	22.00
10		50	0	20.66	20.83	20.54	22.00
10	64QAM	1	0	21.02	21.21	20.87	22.00
10		1	25	20.93	21.04	20.63	22.00
10		1	49	21.03	21.17	20.88	22.00
10		25	0	19.65	19.75	19.39	21.00
10		25	12	19.56	19.75	19.41	21.00
10		25	25	19.72	19.85	19.52	21.00
10		50	0	19.77	19.86	19.51	21.00
10	256QAM	1	0	17.95	18.14	17.82	19.00
10		1	25	17.89	18.03	17.73	19.00
10		1	49	17.94	18.07	17.78	19.00
10		25	0	17.76	17.86	17.54	19.00
10		25	12	17.76	17.88	17.62	19.00
10		25	25	17.86	17.94	17.58	19.00
10		50	0	17.72	17.92	17.59	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.84	22.89	22.68	24.00
5		1	12	22.62	22.72	22.30	24.00
5		1	24	22.62	22.81	22.52	24.00
5		12	0	21.60	21.82	21.44	23.00
5		12	7	21.62	21.79	21.51	23.00
5		12	13	21.58	21.77	21.42	23.00
5		25	0	21.64	21.86	21.55	23.00
5	16QAM	1	0	22.18	22.27	21.93	23.00
5		1	12	21.96	22.13	21.73	23.00
5		1	24	22.08	22.13	21.84	23.00
5		12	0	20.57	20.69	20.32	22.00
5		12	7	20.63	20.80	20.37	22.00
5		12	13	20.71	20.75	20.38	22.00
5		25	0	20.56	20.71	20.53	22.00
5	64QAM	1	0	20.95	21.13	20.83	22.00
5		1	12	20.87	21.02	20.50	22.00
5		1	24	20.95	21.03	20.87	22.00
5		12	0	19.63	19.63	19.29	21.00
5		12	7	19.45	19.72	19.32	21.00
5		12	13	19.62	19.77	19.38	21.00
5		25	0	19.75	19.84	19.39	21.00
5	256QAM	1	0	17.80	18.11	17.69	19.00
5		1	12	17.83	17.99	17.70	19.00
5		1	24	17.92	17.98	17.83	19.00
5		12	0	17.71	17.81	17.41	19.00
5		12	7	17.70	17.76	17.57	19.00
5		12	13	17.79	17.85	17.55	19.00
5		25	0	17.60	17.88	17.46	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.87	22.93	22.55	24.00
3		1	8	22.59	22.78	22.37	24.00
3		1	14	22.56	22.88	22.53	24.00
3		8	0	21.72	21.74	21.53	23.00
3		8	4	21.60	21.81	21.38	23.00
3		8	7	21.60	21.81	21.45	23.00
3		15	0	21.58	21.79	21.50	23.00
3	16QAM	1	0	22.19	22.32	21.90	23.00
3		1	8	21.91	22.05	21.66	23.00
3		1	14	22.11	22.21	21.82	23.00
3		8	0	20.64	20.73	20.26	22.00
3		8	4	20.59	20.74	20.35	22.00
3		8	7	20.72	20.86	20.37	22.00
3		15	0	20.55	20.81	20.52	22.00
3	64QAM	1	0	21.01	21.10	20.81	22.00
3		1	8	20.86	20.89	20.52	22.00
3		1	14	20.93	21.03	20.79	22.00
3		8	0	19.52	19.70	19.34	21.00
3		8	4	19.50	19.68	19.34	21.00
3		8	7	19.58	19.74	19.41	21.00
3		15	0	19.74	19.85	19.46	21.00
3	256QAM	1	0	17.85	18.01	17.77	19.00
3		1	8	17.82	17.90	17.66	19.00
3		1	14	17.91	18.01	17.73	19.00
3		8	0	17.68	17.75	17.48	19.00
3		8	4	17.61	17.80	17.51	19.00
3		8	7	17.84	17.86	17.51	19.00
3		15	0	17.58	17.79	17.55	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.84	22.92	22.59	24.00
1.4		1	3	22.52	22.77	22.35	24.00
1.4		1	5	22.62	22.86	22.47	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.01	24.00
1.4		3	3	22.01	22.01	22.01	24.00
1.4		6	0	21.56	21.76	21.45	23.00
1.4	16QAM	1	0	22.18	22.29	21.84	23.00
1.4		1	3	21.90	22.13	21.68	23.00
1.4		1	5	22.11	22.19	21.77	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.01	21.00	23.00
1.4		3	3	21.02	21.00	21.01	23.00
1.4		6	0	20.61	20.76	20.52	22.00
1.4	64QAM	1	0	20.88	21.14	20.81	22.00
1.4		1	3	20.90	20.96	20.62	22.00
1.4		1	5	21.01	21.05	20.79	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.71	19.82	19.49	21.00
1.4	256QAM	1	0	17.93	18.08	17.80	19.00
1.4		1	3	17.85	17.89	17.65	19.00
1.4		1	5	17.79	17.97	17.64	19.00
1.4		3	0	17.70	17.74	17.43	19.00
1.4		3	1	17.67	17.80	17.52	19.00
1.4		3	3	17.82	17.88	17.55	19.00
1.4		6	0	17.63	17.78	17.54	19.00

<LTE Band 13_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.95		24.00
10		1	25		22.87		24.00
10		1	49		22.85		24.00
10		25	0		21.90		23.00
10		25	12		21.84		23.00
10		25	25		21.86		23.00
10		50	0		21.90		23.00
10	16QAM	1	0		22.33		23.00
10		1	25		22.17		23.00
10		1	49		22.15		23.00
10		25	0		20.84		22.00
10		25	12		20.88		22.00
10		25	25		20.87		22.00
10		50	0		20.91		22.00
10	64QAM	1	0		21.12		22.00
10		1	25		20.98		22.00
10		1	49		21.04		22.00
10		25	0		19.83		21.00
10		25	12		19.87		21.00
10		25	25		19.84		21.00
10		50	0		19.86		21.00
10	256QAM	1	0		18.14		19.00
10		1	25		18.07		19.00
10		1	49		18.02		19.00
10		25	0		17.93		19.00
10		25	12		17.94		19.00
10		25	25		17.93		19.00
10		50	0		17.99		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.86	22.92	22.90	24.00
5		1	12	22.70	22.79	22.76	24.00
5		1	24	22.70	22.88	22.75	24.00
5		12	0	21.62	21.80	21.69	23.00
5		12	7	21.58	21.79	21.65	23.00
5		12	13	21.84	21.94	21.88	23.00
5		25	0	21.76	21.92	21.85	23.00
5	16QAM	1	0	22.33	22.40	22.30	23.00
5		1	12	22.01	22.19	22.14	23.00
5		1	24	22.02	22.16	22.02	23.00
5		12	0	20.70	20.89	20.78	22.00
5		12	7	20.75	20.92	20.76	22.00
5		12	13	20.77	20.85	20.79	22.00
5		25	0	20.77	20.84	20.77	22.00
5	64QAM	1	0	20.99	21.15	21.04	22.00
5		1	12	20.84	20.97	20.91	22.00
5		1	24	20.83	20.96	20.91	22.00
5		12	0	19.74	19.90	19.80	21.00
5		12	7	19.71	19.83	19.74	21.00
5		12	13	19.77	19.89	19.73	21.00
5		25	0	19.67	19.85	19.68	21.00
5	256QAM	1	0	18.06	18.15	18.03	19.00
5		1	12	17.95	18.14	18.11	19.00
5		1	24	17.80	17.95	17.91	19.00
5		12	0	17.72	17.90	17.82	19.00
5		12	7	17.76	17.87	17.84	19.00
5		12	13	17.89	17.95	17.80	19.00
5		25	0	17.92	18.07	18.01	19.00

<LTE Band 14_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.89		24.00
10		1	49		22.91		24.00
10		25	0		21.93		23.00
10		25	12		21.91		23.00
10		25	25		21.92		23.00
10		50	0		21.96		23.00
10	16QAM	1	0		22.32		23.00
10		1	25		22.12		23.00
10		1	49		22.28		23.00
10		25	0		20.93		22.00
10		25	12		20.93		22.00
10		25	25		20.88		22.00
10		50	0		20.94		22.00
10	64QAM	1	0		21.28		22.00
10		1	25		21.10		22.00
10		1	49		21.14		22.00
10		25	0		19.92		21.00
10		25	12		19.92		21.00
10		25	25		19.87		21.00
10		50	0		19.93		21.00
10	256QAM	1	0		18.21		19.00
10		1	25		18.12		19.00
10		1	49		18.00		19.00
10		25	0		17.91		19.00
10		25	12		17.94		19.00
10		25	25		17.89		19.00
10		50	0		17.96		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.96	22.86	24.00
5		1	12	22.83	22.89	22.66	24.00
5		1	24	22.84	22.89	22.77	24.00
5		12	0	21.80	21.97	21.77	23.00
5		12	7	21.80	21.97	21.75	23.00
5		12	13	21.65	21.81	21.63	23.00
5		25	0	21.81	21.91	21.73	23.00
5	16QAM	1	0	22.19	22.37	22.16	23.00
5		1	12	22.05	22.10	21.96	23.00
5		1	24	22.17	22.28	22.04	23.00
5		12	0	20.81	20.97	20.78	22.00
5		12	7	20.86	21.00	20.79	22.00
5		12	13	20.71	20.85	20.70	22.00
5		25	0	20.79	20.88	20.66	22.00
5	64QAM	1	0	21.18	21.31	21.12	22.00
5		1	12	20.98	21.05	20.93	22.00
5		1	24	21.07	21.13	20.91	22.00
5		12	0	19.77	19.90	19.69	21.00
5		12	7	19.85	19.96	19.76	21.00
5		12	13	19.77	19.94	19.73	21.00
5		25	0	19.85	19.99	19.86	21.00
5	256QAM	1	0	18.07	18.14	17.96	19.00
5		1	12	17.90	18.01	17.81	19.00
5		1	24	17.75	17.91	17.70	19.00
5		12	0	17.77	17.93	17.80	19.00
5		12	7	17.94	17.98	17.78	19.00
5		12	13	17.83	17.94	17.85	19.00
5		25	0	17.92	17.97	17.77	19.00

<LTE Band 17_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.91	22.98	22.83	24.00
10		1	25	22.80	22.96	22.60	24.00
10		1	49	22.77	22.95	22.47	24.00
10		25	0	21.75	21.93	21.49	23.00
10		25	12	21.76	21.87	21.48	23.00
10		25	25	21.76	21.92	21.54	23.00
10		50	0	21.77	21.86	21.46	23.00
10	16QAM	1	0	21.94	22.06	21.68	23.00
10		1	25	22.11	22.30	21.82	23.00
10		1	49	22.03	22.21	21.77	23.00
10		25	0	20.76	20.83	20.47	22.00
10		25	12	20.75	20.96	20.57	22.00
10		25	25	20.71	20.92	20.50	22.00
10		50	0	20.98	20.84	20.40	22.00
10	64QAM	1	0	20.75	20.91	20.54	22.00
10		1	25	21.07	21.16	20.80	22.00
10		1	49	21.09	21.19	20.86	22.00
10		25	0	19.58	19.78	19.45	21.00
10		25	12	19.72	19.93	19.50	21.00
10		25	25	19.74	19.89	19.44	21.00
10		50	0	19.67	19.85	19.43	21.00
10	256QAM	1	0	17.66	17.81	17.43	19.00
10		1	25	17.91	18.10	17.68	19.00
10		1	49	17.77	17.97	17.56	19.00
10		25	0	17.62	17.80	17.43	19.00
10		25	12	17.78	17.96	17.59	19.00
10		25	25	17.69	17.88	17.46	19.00
10		50	0	17.72	17.85	17.43	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.79	22.94	22.61	24.00
5		1	12	22.69	22.82	22.47	24.00
5		1	24	22.72	22.80	22.39	24.00
5		12	0	21.65	21.88	21.44	23.00
5		12	7	21.65	21.77	21.40	23.00
5		12	13	21.63	21.84	21.49	23.00
5		25	0	21.72	21.76	21.39	23.00
5	16QAM	1	0	21.87	21.92	21.59	23.00
5		1	12	22.03	22.23	21.80	23.00
5		1	24	21.92	22.15	21.63	23.00
5		12	0	20.69	20.77	20.34	22.00
5		12	7	20.72	20.87	20.48	22.00
5		12	13	20.64	20.87	20.38	22.00
5		25	0	20.65	20.82	20.34	22.00
5	64QAM	1	0	20.69	20.76	20.53	22.00
5		1	12	21.01	21.05	20.71	22.00
5		1	24	21.00	21.12	20.72	22.00
5		12	0	19.44	19.71	19.35	21.00
5		12	7	19.61	19.80	19.41	21.00
5		12	13	19.67	19.86	19.41	21.00
5		25	0	19.58	19.82	19.36	21.00
5	256QAM	1	0	17.54	17.68	17.32	19.00
5		1	12	17.82	18.09	17.61	19.00
5		1	24	17.67	17.88	17.52	19.00
5		12	0	17.50	17.75	17.37	19.00
5		12	7	17.66	17.91	17.51	19.00
5		12	13	17.65	17.80	17.38	19.00
5		25	0	17.65	17.80	17.42	19.00

<LTE Band 25_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.19	21.25	21.14	22.50
20		1	49	21.07	21.20	20.99	22.50
20		1	99	20.86	21.04	20.80	22.50
20		50	0	21.09	21.15	21.02	22.50
20		50	24	20.91	21.12	20.95	22.50
20		50	50	20.94	21.12	20.91	22.50
20		100	0	21.04	21.21	21.05	22.50
20	16QAM	1	0	20.85	21.05	20.88	22.50
20		1	49	21.02	21.13	20.89	22.50
20		1	99	21.15	21.23	20.97	22.50
20		50	0	20.78	20.95	20.80	22.00
20		50	24	20.75	20.96	20.72	22.00
20		50	50	20.82	20.96	20.71	22.00
20		100	0	20.75	20.95	20.82	22.00
20	64QAM	1	0	20.88	21.09	20.93	22.00
20		1	49	20.90	21.14	20.89	22.00
20		1	99	20.98	21.16	21.03	22.00
20		50	0	19.90	20.11	19.94	21.00
20		50	24	19.82	19.99	19.81	21.00
20		50	50	19.76	19.97	19.84	21.00
20		100	0	19.74	19.97	19.73	21.00
20	256QAM	1	0	17.87	17.98	17.79	19.00
20		1	49	18.01	18.19	18.03	19.00
20		1	99	17.98	18.08	17.92	19.00
20		50	0	17.81	18.00	17.82	19.00
20		50	24	17.76	17.99	17.87	19.00
20		50	50	17.85	18.01	17.82	19.00
20		100	0	17.87	17.98	17.84	19.00
Channel				26115	26340	26615	Tune-up Limit
Frequency (MHz)				1857.5	1880	1907.5	(dBm)
15	QPSK	1	0	21.07	21.10	21.10	22.50
15		1	37	21.01	21.12	20.93	22.50
15		1	74	20.83	21.03	20.76	22.50
15		36	0	20.97	21.10	20.95	22.50
15		36	20	20.84	20.99	20.82	22.50
15		36	39	20.80	21.04	20.81	22.50
15		75	0	20.95	21.20	20.92	22.50
15	16QAM	1	0	20.70	20.97	20.76	22.50
15		1	37	20.88	21.11	20.86	22.50
15		1	74	21.00	21.12	20.91	22.50
15		36	0	20.20	20.43	20.16	22.00
15		36	20	20.28	20.39	20.15	22.00
15		36	39	20.24	20.34	20.21	22.00
15		75	0	20.17	20.41	20.28	22.00
15	64QAM	1	0	20.26	20.47	20.36	22.00
15		1	37	20.29	20.63	20.27	22.00
15		1	74	20.45	20.65	20.51	22.00
15		36	0	19.12	19.03	19.09	21.00
15		36	20	19.07	19.13	19.12	21.00
15		36	39	19.11	19.06	19.14	21.00
15		75	0	19.11	19.12	19.09	21.00
15	256QAM	1	0	17.07	17.08	17.09	19.00
15		1	37	17.02	17.14	17.12	19.00
15		1	74	17.07	17.01	17.04	19.00
15		36	0	17.15	17.03	17.03	19.00
15		36	20	17.11	17.10	17.13	19.00
15		36	39	17.12	17.11	17.14	19.00
15		75	0	17.06	17.06	17.12	19.00
Channel				26090	26340	26590	Tune-up Limit
Frequency (MHz)				1855	1880	1910	(dBm)
10	QPSK	1	0	21.15	21.16	21.00	22.50
10		1	25	21.05	21.08	20.93	22.50
10		1	49	20.80	21.01	20.68	22.50
10		25	0	20.98	21.13	20.92	22.50
10		25	12	20.80	20.99	20.93	22.50
10		25	25	20.91	21.06	20.79	22.50
10		50	0	21.00	21.14	21.01	22.50
10	16QAM	1	0	20.70	20.99	20.86	22.50
10		1	25	20.87	21.07	20.79	22.50
10		1	49	21.05	21.10	20.95	22.50
10		25	0	20.17	20.39	20.28	22.00
10		25	12	20.27	20.41	20.14	22.00
10		25	25	20.27	20.44	20.19	22.00
10		50	0	20.24	20.37	20.26	22.00
10	64QAM	1	0	20.30	20.52	20.36	22.00
10		1	25	20.28	20.54	20.29	22.00
10		1	49	20.46	20.55	20.49	22.00
10		25	0	19.13	19.13	19.05	21.00
10		25	12	19.03	19.00	19.01	21.00
10		25	25	19.03	19.11	19.02	21.00
10		50	0	19.00	19.07	19.13	21.00
10	256QAM	1	0	17.02	17.06	17.13	19.00
10		1	25	17.09	17.00	17.03	19.00
10		1	49	17.10	17.06	17.02	19.00
10		25	0	17.08	17.06	17.05	19.00
10		25	12	17.06	17.09	17.07	19.00
10		25	25	17.03	17.11	17.02	19.00
10		50	0	17.04	17.01	17.04	19.00
Channel				26065	26340	26665	Tune-up Limit
Frequency (MHz)				1852.5	1880	1912.5	(dBm)
5	QPSK	1	0	21.17	21.12	21.13	22.50
5		1	12	21.02	21.13	20.97	22.50
5		1	24	20.83	21.03	20.69	22.50
5		12	0	21.01	21.09	21.00	22.50
5		12	7	20.89	20.98	20.84	22.50
5		12	13	20.82	21.00	20.77	22.50
5		25	0	20.93	21.13	21.02	22.50
5	16QAM	1	0	20.73	21.04	20.79	22.50
5		1	12	20.88	21.04	20.86	22.50
5		1	24	21.02	21.14	20.83	22.50
5		12	0	20.16	20.38	20.24	22.00
5		12	7	20.16	20.37	20.24	22.00
5		12	13	20.28	20.42	20.24	22.00
5		25	0	20.17	20.43	20.31	22.00
5	64QAM	1	0	20.36	20.53	20.34	22.00
5		1	12	20.30	20.58	20.25	22.00
5		1	24	20.42	20.52	20.49	22.00
5		12	0	19.03	19.07	19.07	21.00
5		12	7	19.01	19.05	19.15	21.00
5		12	13	19.12	19.01	19.08	21.00
5		25	0	19.05	19.04	19.15	21.00
5	256QAM	1	0	17.08	17.01	17.13	19.00
5		1	12	17.03	17.12	17.10	19.00
5		1	24	17.09	17.13	17.11	19.00
5		12	0	17.15	17.08	17.04	19.00
5		12	7	17.00	17.05	17.05	19.00
5		12	13	17.02	17.14	17.06	19.00
5		25	0	17.10	17.05	17.05	19.00
Channel				26055	26340	26675	Tune-up Limit
Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	21.17	21.19	21.07	22.50
3		1	8	20.96	21.12	20.96	22.50
3		1	14	20.84	20.97	20.67	22.50
3		8	0	21.06	21.13	20.97	22.50
3		8	4	20.78	20.99	20.85	22.50
3		8	7	20.90	21.09	20.87	22.50
3		15	0	20.97	21.12	20.94	22.50
3	16QAM	1	0	20.77	20.99	20.75	22.50
3		1	8	20.91	20.99	20.84	22.50
3		1	14	21.10	21.10	20.85	22.50
3		8	0	20.25	20.32	20.28	22.00
3		8	4	20.22	20.43	20.24	22.00
3		8	7	20.28	20.39	20.14	22.00
3		15	0	20.19	20.37	20.32	22.00
3	64QAM	1	0	20.29	20.49	20.30	22.00
3		1	8	20.34	20.60	20.37	22.00
3		1	14	20.44	20.62	20.43	22.00
3		8	0	19.10	19.15	19.11	21.00
3		8	4	19.04	19.03	19.13	21.00
3		8	7	19.09	19.13	19.05	21.00
3		15	0	19.02	19.08	19.06	21.00
3	256QAM	1	0	17.07	17.08	17.06	19.00
3		1	8	17.02	17.11	17.08	19.00
3		1	14	17.01	17.06	17.03	19.00
3		8	0	17.07	17.08	17.09	19.00
3		8	4	17.14	17.01	17.12	19.00
3		8	7	17.12	17.08	17.03	19.00
3		15	0	17.11	17.07	17.08	19.00
Channel				26047	26340	26683	Tune-up Limit
Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	21.12	21.23	20.99	22.50
1.4		1	3	20.97	21.15	20.91	22.50
1.4		1	5	20.82	20.89	20.66	22.50
1.4		3	0	21.07	21.13	20.93	22.50
1.4		3	1	20.87	21.03	20.90	22.50
1.4		3	3	20.82	21.04	20.89	22.50
1.4		6	0	21.02	21.09	20.93	22.50
1.4	16QAM	1	0	20.73	20.99	20.74	22.50
1.4		1	3	20.90	20.99	20.86	22.50
1.4		1	5	21.13	21.18	20.95	22.50
1.4		3	0	20.69	20.92	20.74	22.50
1.4		3	1	20.86	20.94	20.68	22.50
1.4		3	3	20.81	20.94	20.76	22.50
1.4		6	0	20.19	20.41	20.28	22.00
1.4	64QAM	1	0	20.26	20.47	20.41	22.00
1.4		1	3	20.39	20.51	20.37	22.00
1.4		1	5	20.45	20.58	20.43	22.00
1.4		3	0	20.11	20.12	20.09	22.00
1.4		3	1	20.02	20.11	20.01	22.00
1.4		3	3	20.12	20.04	20.14	22.00
1.4		6	0	19.11	19.12	19.14	21.00
1.4	256QAM	1	0	17.02	17.07	17.02	19.00
1.4		1	3	17.10	17.12	17.02	19.00
1.4		1	5	17.01	17.02	17.07	19.00
1.4		3	0	17.11	17.06	17.02	19.00
1.4		3	1	17.01	17.14	17.00	19.00
1.4		3	3	17.03	17.04	17.07	19.00
1.4		6	0	17.07	17.14	17.10	19.00

<LTE Band 26_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				831.5	841.5	851.5	
15	QPSK	1	0	22.92	22.98	22.94	24.00
15		1	37	22.77	22.94	22.85	24.00
15		1	74	22.81	22.90	22.81	24.00
15		36	0	21.82	21.88	21.82	23.00
15		36	20	21.74	21.85	21.70	23.00
15		36	39	21.68	21.86	21.79	23.00
15		75	0	21.79	21.89	21.79	23.00
15	16QAM	1	0	22.21	22.29	22.22	23.00
15		1	37	22.12	22.23	22.11	23.00
15		1	74	22.08	22.23	22.14	23.00
15		36	0	20.81	20.90	20.83	22.00
15		36	20	20.75	20.88	20.72	22.00
15		36	39	20.81	20.92	20.83	22.00
15		75	0	20.74	20.89	20.80	22.00
15	64QAM	1	0	21.06	21.16	21.10	22.00
15		1	37	20.99	21.09	21.00	22.00
15		1	74	21.07	21.13	20.99	22.00
15		36	0	19.87	19.92	19.78	21.00
15		36	20	19.77	19.93	19.87	21.00
15		36	39	19.83	19.92	19.88	21.00
15		75	0	19.84	19.90	19.74	21.00
15	256QAM	1	0	18.05	18.12	18.05	19.00
15		1	37	18.00	18.13	18.07	19.00
15		1	74	18.03	18.10	17.94	19.00
15		36	0	17.89	17.96	17.89	19.00
15		36	20	17.92	17.97	17.93	19.00
15		36	39	17.80	17.96	17.86	19.00
15		75	0	17.83	17.96	17.81	19.00
Channel				26740	26865	26990	Tune-up Limit
Frequency (MHz)				819	831.5	844	(dBm)
10	QPSK	1	0	22.88	22.87	22.92	24.00
10		1	25	22.64	22.91	22.84	24.00
10		1	49	22.68	22.78	22.73	24.00
10		25	0	21.70	21.83	21.67	23.00
10		25	12	21.70	21.73	21.58	23.00
10		25	25	21.57	21.84	21.74	23.00
10		50	0	21.73	21.75	21.68	23.00
10	16QAM	1	0	22.07	22.18	22.19	23.00
10		1	25	22.01	22.12	22.08	23.00
10		1	49	21.99	22.09	22.03	23.00
10		25	0	20.80	20.85	20.73	22.00
10		25	12	20.69	20.79	20.58	22.00
10		25	25	20.73	20.88	20.80	22.00
10		50	0	20.68	20.87	20.71	22.00
10	64QAM	1	0	21.00	21.12	21.06	22.00
10		1	25	20.97	21.02	20.98	22.00
10		1	49	21.05	21.11	20.85	22.00
10		25	0	19.75	19.78	19.74	21.00
10		25	12	19.63	19.92	19.77	21.00
10		25	25	19.69	19.78	19.87	21.00
10		50	0	19.80	19.78	19.69	21.00
10	256QAM	1	0	17.94	18.03	17.97	19.00
10		1	25	17.90	17.98	17.97	19.00
10		1	49	17.89	18.00	17.87	19.00
10		25	0	17.84	17.91	17.75	19.00
10		25	12	17.81	17.93	17.79	19.00
10		25	25	17.70	17.91	17.76	19.00
10		50	0	17.78	17.90	17.79	19.00
Channel				26715	26865	27015	Tune-up Limit
Frequency (MHz)				816.5	831.5	846.5	(dBm)
5	QPSK	1	0	22.78	22.92	22.84	24.00
5		1	12	22.72	22.89	22.80	24.00
5		1	24	22.75	22.86	22.76	24.00
5		12	0	21.76	21.86	21.75	23.00
5		12	7	21.73	21.78	21.64	23.00
5		12	13	21.54	21.76	21.67	23.00
5		25	0	21.73	21.84	21.73	23.00
5	16QAM	1	0	22.10	22.18	22.08	23.00
5		1	12	22.03	22.14	22.01	23.00
5		1	24	21.94	22.14	22.04	23.00
5		12	0	20.75	20.76	20.75	22.00
5		12	7	20.69	20.84	20.63	22.00
5		12	13	20.77	20.86	20.79	22.00
5		25	0	20.62	20.74	20.67	22.00
5	64QAM	1	0	21.01	21.07	21.03	22.00
5		1	12	20.87	20.98	20.86	22.00
5		1	24	20.94	21.05	20.94	22.00
5		12	0	19.74	19.85	19.68	21.00
5		12	7	19.68	19.84	19.73	21.00
5		12	13	19.71	19.89	19.79	21.00
5		25	0	19.76	19.85	19.59	21.00
5	256QAM	1	0	17.90	18.10	17.94	19.00
5		1	12	17.93	18.00	18.03	19.00
5		1	24	17.90	18.00	17.90	19.00
5		12	0	17.83	17.82	17.88	19.00
5		12	7	17.81	17.92	17.80	19.00
5		12	13	17.72	17.94	17.80	19.00
5		25	0	17.73	17.84	17.75	19.00
Channel				26705	26865	27025	Tune-up Limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	QPSK	1	0	22.80	22.92	22.87	24.00
3		1	8	22.73	22.91	22.78	24.00
3		1	14	22.73	22.76	22.75	24.00
3		8	0	21.71	21.74	21.69	23.00
3		8	4	21.60	21.84	21.82	23.00
3		8	7	21.57	21.81	21.72	23.00
3		15	0	21.74	21.83	21.73	23.00
3	16QAM	1	0	22.14	22.24	22.19	23.00
3		1	8	22.03	22.17	22.03	23.00
3		1	14	22.03	22.14	22.09	23.00
3		8	0	20.73	20.85	20.80	22.00
3		8	4	20.70	20.82	20.62	22.00
3		8	7	20.71	20.81	20.77	22.00
3		15	0	20.62	20.84	20.76	22.00
3	64QAM	1	0	20.95	21.02	20.97	22.00
3		1	8	20.90	21.01	20.88	22.00
3		1	14	20.94	21.12	20.93	22.00
3		8	0	19.83	19.89	19.72	21.00
3		8	4	19.70	19.82	19.82	21.00
3		8	7	19.80	19.81	19.82	21.00
3		15	0	19.82	19.83	19.71	21.00
3	256QAM	1	0	17.92	18.07	17.91	19.00
3		1	8	17.89	18.11	18.06	19.00
3		1	14	17.91	18.06	17.82	19.00
3		8	0	17.75	17.87	17.85	19.00
3		8	4	17.78	17.83	17.84	19.00
3		8	7	17.77	17.88	17.80	19.00
3		15	0	17.69	17.85	17.69	19.00
Channel				26697	26865	27033	Tune-up Limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	22.90	22.94	22.90	24.00
1.4		1	3	22.63	22.90	22.79	24.00
1.4		1	5	22.68	22.81	22.68	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.77	21.79	21.74	23.00
1.4	16QAM	1	0	22.15	22.26	22.10	23.00
1.4		1	3	22.08	22.11	22.03	23.00
1.4		1	5	21.98	22.09	22.01	23.00
1.4		3	0	21.02	21.01	21.00	23.00
1.4		3	1	21.00	21.02	21.02	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.66	20.85	20.74	22.00
1.4	64QAM	1	0	20.92	21.15	20.96	22.00
1.4		1	3	20.86	21.08	20.94	22.00
1.4		1	5	20.98	21.11	20.84	22.00
1.4		3	0	20.02	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.01	20.01	20.00	22.00
1.4		6	0	19.76	19.77	19.67	21.00
1.4	256QAM	1	0	17.94	17.97	18.03	19.00
1.4		1	3	17.96	18.05	17.97	19.00
1.4		1	5	18.00	17.98	17.93	19.00
1.4		3	0	17.76	17.83	17.88	19.00
1.4		3	1	17.80	17.91	17.88	19.00
1.4		3	3	17.70	17.95	17.77	19.00
1.4		6	0	17.71	17.85	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.15	20.24	20.18	21.50
20		1	49	19.97	20.19	20.07	21.50
20		1	99	19.87	20.06	19.87	21.50
20		50	0	20.12	20.15	20.11	21.50
20		50	24	20.00	20.15	20.05	21.50
20		50	50	19.97	20.13	20.06	21.50
20		100	0	19.96	20.18	19.98	21.50
20	16QAM	1	0	19.97	20.18	20.04	21.50
20		1	49	19.98	20.17	20.07	21.50
20		1	99	19.80	20.04	19.84	21.50
20		50	0	19.78	20.02	19.90	21.50
20		50	24	20.10	20.22	20.10	21.50
20		50	50	19.98	20.21	20.06	21.50
20		100	0	19.85	20.04	19.88	21.50
20	64QAM	1	0	20.04	20.14	20.05	21.50
20		1	49	19.91	20.04	19.84	21.50
20		1	99	19.98	20.20	20.08	21.50
20		50	0	19.82	19.98	19.85	21.00
20		50	24	19.79	20.01	19.92	21.00
20		50	50	19.79	20.02	19.90	21.00
20		100	0	19.78	20.01	19.86	21.00
20	256QAM	1	0	17.93	18.05	17.99	19.00
20		1	49	18.00	18.12	18.03	19.00
20		1	99	17.83	18.05	18.02	19.00
20		50	0	17.80	17.98	17.86	19.00
20		50	24	17.79	18.02	17.97	19.00
20		50	50	17.88	17.98	17.85	19.00
20		100	0	17.80	18.02	17.94	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.11	20.19	20.05	21.50
15		1	37	19.87	20.09	19.95	21.50
15		1	74	19.85	19.99	19.78	21.50
15		36	0	20.03	20.02	20.06	21.50
15		36	20	19.89	20.07	20.03	21.50
15		36	39	19.83	20.04	20.03	21.50
15		75	0	19.89	20.11	19.89	21.50
15	16QAM	1	0	19.88	20.11	19.98	21.50
15		1	37	19.91	20.06	20.05	21.50
15		1	74	19.68	19.90	19.75	21.50
15		36	0	19.72	20.01	19.89	21.50
15		36	20	20.08	20.11	20.01	21.50
15		36	39	19.92	20.15	19.93	21.50
15		75	0	19.74	19.90	19.79	21.50
15	64QAM	1	0	19.97	20.07	19.91	21.50
15		1	37	19.85	19.92	19.73	21.50
15		1	74	19.87	20.12	19.97	21.50
15		36	0	19.24	19.37	19.24	21.00
15		36	20	19.26	19.38	19.31	21.00
15		36	39	19.24	19.39	19.39	21.00
15		75	0	19.18	19.43	19.23	21.00
15	256QAM	1	0	17.01	17.12	17.02	19.00
15		1	37	17.05	17.11	17.05	19.00
15		1	74	17.11	17.06	17.06	19.00
15		36	0	17.05	17.06	17.03	19.00
15		36	20	17.04	17.01	17.03	19.00
15		36	39	17.04	17.08	17.07	19.00
15		75	0	17.15	17.10	17.04	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.08	20.13	20.16	21.50
10		1	25	19.92	20.10	20.02	21.50
10		1	49	19.72	20.04	19.75	21.50
10		25	0	20.08	20.07	19.97	21.50
10		25	12	19.90	20.06	19.98	21.50
10		25	25	19.94	19.99	20.03	21.50
10		50	0	19.82	20.05	19.85	21.50
10	16QAM	1	0	19.84	20.14	19.94	21.50
10		1	25	19.94	20.05	20.03	21.50
10		1	49	19.71	20.03	19.83	21.50
10		25	0	19.73	19.88	19.87	21.50
10		25	12	20.02	20.11	20.07	21.50
10		25	25	19.84	20.13	20.03	21.50
10		50	0	19.77	19.99	19.85	21.50
10	64QAM	1	0	19.90	20.05	19.94	21.50
10		1	25	19.83	19.98	19.73	21.50
10		1	49	19.90	20.14	20.00	21.50
10		25	0	19.27	19.45	19.24	21.00
10		25	12	19.19	19.49	19.29	21.00
10		25	25	19.15	19.38	19.26	21.00
10		50	0	19.28	19.37	19.26	21.00
10	256QAM	1	0	17.07	17.14	17.05	19.00
10		1	25	17.00	17.09	17.02	19.00
10		1	49	17.04	17.02	17.04	19.00
10		25	0	17.13	17.04	17.04	19.00
10		25	12	17.02	17.03	17.06	19.00
10		25	25	17.13	17.13	17.02	19.00
10		50	0	17.12	17.10	17.05	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.11	20.09	20.06	21.50
5		1	12	19.93	20.11	19.99	21.50
5		1	24	19.77	20.02	19.79	21.50
5		12	0	20.09	20.05	20.09	21.50
5		12	7	19.86	20.10	19.94	21.50
5		12	13	19.88	20.00	19.94	21.50
5		25	0	19.93	20.08	19.94	21.50
5	16QAM	1	0	19.94	20.07	20.01	21.50
5		1	12	19.93	20.05	19.96	21.50
5		1	24	19.72	19.93	19.70	21.50
5		12	0	19.66	19.88	19.83	21.50
5		12	7	20.04	20.08	20.07	21.50
5		12	13	19.93	20.16	19.95	21.50
5		25	0	19.77	19.93	19.79	21.50
5	64QAM	1	0	19.90	20.12	19.97	21.50
5		1	12	19.84	20.03	19.75	21.50
5		1	24	19.94	20.17	19.96	21.50
5		12	0	19.24	19.44	19.31	21.00
5		12	7	19.23	19.46	19.39	21.00
5		12	13	19.26	19.39	19.33	21.00
5		25	0	19.20	19.37	19.28	21.00
5	256QAM	1	0	17.02	17.12	17.12	19.00
5		1	12	17.03	17.03	17.02	19.00
5		1	24	17.04	17.05	17.03	19.00
5		12	0	17.05	17.05	17.05	19.00
5		12	7	17.08	17.06	17.08	19.00
5		12	13	17.10	17.07	17.07	19.00
5		25	0	17.03	17.04	17.12	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.11	20.17	20.15	21.50
3		1	8	19.96	20.05	19.94	21.50
3		1	14	19.82	20.03	19.76	21.50
3		8	0	19.99	20.02	20.09	21.50
3		8	4	19.96	20.06	19.99	21.50
3		8	7	19.87	19.99	20.01	21.50
3		15	0	19.92	20.11	19.90	21.50
3	16QAM	1	0	19.82	20.07	19.96	21.50
3		1	8	19.91	20.16	20.01	21.50
3		1	14	19.79	19.93	19.73	21.50
3		8	0	19.74	19.97	19.87	21.50
3		8	4	20.08	20.10	20.06	21.50
3		8	7	19.91	20.19	19.99	21.50
3		15	0	19.83	20.01	19.85	21.50
3	64QAM	1	0	20.01	20.06	19.93	21.50
3		1	8	19.83	20.02	19.78	21.50
3		1	14	19.92	20.07	19.99	21.50
3		8	0	19.22	19.42	19.23	21.00
3		8	4	19.25	19.48	19.36	21.00
3		8	7	19.24	19.48	19.31	21.00
3		15	0	19.26	19.41	19.22	21.00
3	256QAM	1	0	17.05	17.13	17.03	19.00
3		1	8	17.00	17.06	17.11	19.00
3		1	14	17.04	17.02	17.02	19.00
3		8	0	17.02	17.08	17.14	19.00
3		8	4	17.06	17.06	17.05	19.00
3		8	7	17.09	17.01	17.14	19.00
3		15	0	17.03	17.09	17.13	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.10	20.20	20.12	21.50
1.4		1	3	19.86	20.05	20.05	21.50
1.4		1	5	19.76	20.05	19.76	21.50
1.4		3	0	19.99	20.08	20.08	21.50
1.4		3	1	19.86	20.04	20.00	21.50
1.4		3	3	19.89	19.99	20.03	21.50
1.4		6	0	19.85	20.13	19.83	21.50
1.4	16QAM	1	0	19.84	20.07	19.97	21.50
1.4		1	3	19.86	20.07	19.94	21.50
1.4		1	5	19.78	19.96	19.75	21.50
1.4		3	0	19.70	19.96	19.83	21.50
1.4		3	1	20.07	20.14	19.97	21.50
1.4		3	3	19.83	20.14	20.02	21.50
1.4		6	0	19.83	20.00	19.83	21.50
1.4	64QAM	1	0	19.95	20.03	20.00	21.50
1.4		1	3	19.82	19.95	19.74	21.50
1.4		1	5	19.90	20.11	20.04	21.50
1.4		3	0	19.78	19.87	19.81	21.50
1.4		3	1	19.77	19.99	19.89	21.50
1.4		3	3	19.75	19.92	19.78	21.50
1.4		6	0	19.17	19.49	19.23	21.00
1.4	256QAM	1	0	17.11	17.02	17.13	19.00
1.4		1	3	17.06	17.11	17.14	19.00
1.4		1	5	17.12	17.07	17.10	19.00
1.4		3	0	17.11	17.10	17.12	19.00
1.4		3	1	17.13	17.14	17.15	19.00
1.4		3	3	17.13	17.03	17.02	19.00
1.4		6	0	17.15	17.12	17.06	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.90	22.95	22.90	24.00
20		1	49	22.69	22.88	22.72	24.00
20		1	99	22.76	22.88	22.79	24.00
20		50	0	21.86	21.92	21.80	23.00
20		50	24	21.70	21.89	21.74	23.00
20		50	50	21.74	21.87	21.78	23.00
20		100	0	21.78	21.89	21.79	23.00
20	16QAM	1	0	22.24	22.33	22.21	23.00
20		1	49	22.07	22.16	22.02	23.00
20		1	99	22.04	22.16	22.10	23.00
20		50	0	20.81	20.91	20.82	22.00
20		50	24	20.71	20.87	20.74	22.00
20		50	50	20.76	20.86	20.79	22.00
20		100	0	20.76	20.89	20.73	22.00
20	64QAM	1	0	21.04	21.14	20.95	22.00
20		1	49	21.06	21.19	21.09	22.00
20		1	99	20.94	21.10	20.95	22.00
20		50	0	19.87	19.97	19.80	21.00
20		50	24	19.79	19.94	19.77	21.00
20		50	50	19.84	19.92	19.82	21.00
20		100	0	19.83	19.94	19.83	21.00
20	256QAM	1	0	17.92	18.09	18.01	19.00
20		1	49	17.85	18.01	17.95	19.00
20		1	99	17.89	17.97	17.83	19.00
20		50	0	17.82	17.97	17.90	19.00
20		50	24	17.74	17.93	17.76	19.00
20		50	50	17.76	17.88	17.72	19.00
20		100	0	17.87	17.95	17.76	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.88	22.94	22.83	24.00
15		1	37	22.58	22.76	22.58	24.00
15		1	74	22.73	22.76	22.66	24.00
15		36	0	21.73	21.88	21.72	23.00
15		36	20	21.58	21.83	21.64	23.00
15		36	39	21.61	21.84	21.73	23.00
15		75	0	21.72	21.75	21.74	23.00
15	16QAM	1	0	22.19	22.30	22.17	23.00
15		1	37	21.96	22.04	22.00	23.00
15		1	74	21.91	22.07	21.96	23.00
15		36	0	20.76	20.80	20.72	22.00
15		36	20	20.58	20.81	20.60	22.00
15		36	39	20.68	20.83	20.68	22.00
15		75	0	20.63	20.86	20.71	22.00
15	64QAM	1	0	21.03	21.07	20.88	22.00
15		1	37	20.94	21.17	21.08	22.00
15		1	74	20.81	21.06	20.89	22.00
15		36	0	19.81	19.91	19.79	21.00
15		36	20	19.77	19.80	19.71	21.00
15		36	39	19.73	19.83	19.70	21.00
15		75	0	19.69	19.80	19.71	21.00
15	256QAM	1	0	17.85	18.04	17.96	19.00
15		1	37	17.76	17.90	17.87	19.00
15		1	74	17.82	17.96	17.69	19.00
15		36	0	17.69	17.82	17.88	19.00
15		36	20	17.68	17.85	17.64	19.00
15		36	39	17.67	17.78	17.71	19.00
15		75	0	17.74	17.91	17.74	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.82	22.84	22.86	24.00
10		1	25	22.57	22.86	22.58	24.00
10		1	49	22.74	22.77	22.71	24.00
10		25	0	21.77	21.82	21.76	23.00
10		25	12	21.62	21.79	21.66	23.00
10		25	25	21.67	21.74	21.71	23.00
10		50	0	21.72	21.83	21.75	23.00
10	16QAM	1	0	22.19	22.25	22.18	23.00
10		1	25	21.97	22.03	21.91	23.00
10		1	49	21.96	22.12	22.03	23.00
10		25	0	20.67	20.88	20.76	22.00
10		25	12	20.58	20.79	20.68	22.00
10		25	25	20.62	20.79	20.75	22.00
10		50	0	20.65	20.82	20.59	22.00
10	64QAM	1	0	20.95	21.00	20.81	22.00
10		1	25	20.94	21.15	21.05	22.00
10		1	49	20.88	20.97	20.87	22.00
10		25	0	19.83	19.94	19.77	21.00
10		25	12	19.77	19.85	19.66	21.00
10		25	25	19.70	19.77	19.68	21.00
10		50	0	19.69	19.83	19.70	21.00
10	256QAM	1	0	17.86	18.02	17.98	19.00
10		1	25	17.82	17.86	17.86	19.00
10		1	49	17.78	17.95	17.72	19.00
10		25	0	17.69	17.93	17.76	19.00
10		25	12	17.68	17.82	17.72	19.00
10		25	25	17.70	17.83	17.66	19.00
10		50	0	17.81	17.90	17.74	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.80	22.93	22.77	24.00
5		1	12	22.62	22.80	22.65	24.00
5		1	24	22.64	22.75	22.67	24.00
5		12	0	21.80	21.78	21.66	23.00
5		12	7	21.58	21.83	21.66	23.00
5		12	13	21.60	21.84	21.66	23.00
5		25	0	21.73	21.83	21.64	23.00
5	16QAM	1	0	22.20	22.28	22.09	23.00
5		1	12	21.92	22.09	21.91	23.00
5		1	24	21.94	22.13	21.96	23.00
5		12	0	20.70	20.76	20.74	22.00
5		12	7	20.60	20.78	20.69	22.00
5		12	13	20.66	20.72	20.77	22.00
5		25	0	20.62	20.81	20.68	22.00
5	64QAM	1	0	20.99	21.04	20.92	22.00
5		1	12	20.97	21.17	20.98	22.00
5		1	24	20.85	21.07	20.89	22.00
5		12	0	19.80	19.92	19.69	21.00
5		12	7	19.73	19.92	19.70	21.00
5		12	13	19.76	19.85	19.69	21.00
5		25	0	19.82	19.81	19.76	21.00
5	256QAM	1	0	17.83	18.01	17.86	19.00
5		1	12	17.75	17.96	17.88	19.00
5		1	24	17.76	17.83	17.71	19.00
5		12	0	17.80	17.95	17.77	19.00
5		12	7	17.72	17.87	17.69	19.00
5		12	13	17.74	17.81	17.67	19.00
5		25	0	17.72	17.89	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	20.13	20.19	20.07	21.30
50		1	135	20.04	20.00	20.04	21.30
50		1	268	20.07	20.17	19.87	21.30
50	Pi/2 BPSK	135	0	20.04	20.13	20.13	21.30
50		135	68	19.98	20.15	19.87	21.30
50		135	135	20.02	20.05	20.07	21.30
50		270	0	20.13	20.11	19.95	21.30
50		1	1	19.92	20.14	19.99	21.30
50		1	135	20.09	20.18	19.99	21.30
50		1	268	20.09	20.13	19.86	21.30
50	QPSK	135	0	20.02	19.99	19.97	21.30
50		135	68	20.04	20.17	20.07	21.30
50		135	135	19.95	19.98	20.04	21.30
50		270	0	20.11	20.09	19.90	21.30
50	16QAM	1	1	19.97	20.08	20.01	21.30
50	64QAM	1	1	19.98	20.13	20.00	21.30
50	256QAM	1	1	18.04	18.26	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	20.00	20.09	19.94	21.30
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	20.01	20.08	20.01	21.30
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	20.01	20.08	19.94	21.30
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	19.99	20.04	20.01	21.30
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	20.05	20.14	19.97	21.30
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	20.10	20.11	19.99	21.30
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	20.10	20.15	19.93	21.30
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	20.10	20.18	20.05	21.30

<FR1 n30_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		21.16		22.50
10		1	26		20.86		22.50
10		1	50		21.02		22.50
10	Pi/2 BPSK	25	0		20.88		22.50
10		25	14		21.15		22.50
10		25	27		21.03		22.50
10		50	0		21.11		22.50
10		1	1		20.94		22.50
10		1	26		20.96		22.50
10		1	50		20.89		22.50
10	QPSK	25	0		20.88		22.50
10		25	14		20.90		22.50
10		25	27		20.92		22.50
10		50	0		20.91		22.50
10	16QAM	1	1		21.07		22.50
10	64QAM	1	1		20.37		21.50
10	256QAM	1	1		18.43		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	Pi/2 BPSK	1	1	21.09	21.13	21.03	22.50

<FR1 n41_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.01	21.09	21.05	22.10
100		1	137	20.78	20.89	20.80	22.10
100		1	271	20.70	20.80	20.73	22.10
100		135	0	20.57	20.80	20.66	22.10
100		135	69	20.98	21.06	20.91	22.10
100		135	138	20.76	20.94	20.76	22.10
100	QPSK	270	0	20.85	21.03	20.91	22.10
100		1	1	20.76	20.92	20.85	22.10
100		1	137	20.79	20.91	20.72	22.10
100		1	271	20.77	20.95	20.79	22.10
100		135	0	20.80	20.98	20.89	22.10
100		135	69	20.84	20.99	20.86	22.10
100		135	138	20.88	20.99	20.92	22.10
100		270	0	20.79	20.97	20.81	22.10
100	16QAM	1	1	20.70	20.85	20.75	22.10
100	64QAM	1	1	20.80	20.91	20.83	22.10
100	256QAM	1	1	20.75	20.97	20.86	22.10
Channel				505200	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.92	21.03	20.99	22.10
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.99	20.98	20.95	22.10
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.96	21.02	21.00	22.10
Channel				505203	518598	531998	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.97	21.07	20.95	22.10
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.94	21.04	20.99	22.10
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.91	20.99	21.01	22.10
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.99	21.08	20.93	22.10
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.92	20.95	20.99	22.10
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.97	20.99	20.97	22.10
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.97	21.02	20.98	22.10
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.94	21.03	21.03	22.10
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.00	21.04	20.97	22.10
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.98	21.02	20.91	22.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.95	24.02	23.97	25.10
100		1	137	23.68	23.80	23.66	25.10
100		1	271	23.55	23.76	23.65	25.10
100		135	0	23.67	23.87	23.70	25.10
100		135	69	23.91	23.99	23.94	25.10
100		135	138	23.69	23.89	23.78	25.10
100	QPSK	270	0	23.87	23.95	23.78	25.10
100		1	1	23.84	23.93	23.74	25.10
100		1	137	23.74	23.90	23.82	25.10
100		1	271	23.63	23.84	23.70	25.10
100		135	0	23.67	23.89	23.71	25.10
100		135	69	23.60	23.79	23.66	25.10
100		135	138	23.83	23.95	23.89	25.10
100		270	0	23.72	23.93	23.78	25.10
100	16QAM	1	1	23.67	23.77	23.68	25.10
100	64QAM	1	1	22.75	22.74	22.70	24.70
100	256QAM	1	1	21.21	21.35	21.24	22.70
Channel				505200	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.85	24.01	23.85	25.10
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.91	23.94	23.87	25.10
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.89	23.98	23.93	25.10
Channel				505220	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2528	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.81	23.90	23.84	25.10
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.88	23.92	23.87	25.10
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.89	23.88	23.93	25.10
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.90	23.88	23.95	25.10
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.83	23.96	23.88	25.10
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.94	23.95	23.88	25.10
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.87	23.89	23.94	25.10
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.94	23.94	23.88	25.10
Channel				500702	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.87	23.99	23.85	25.10
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.92	23.94	23.83	25.10

<FR1 n48_Ant 1_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				636000	641666	646332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.31	18.60	18.50	19.00
40		1	53	18.18	18.58	18.40	19.00
40		1	104	18.11	18.51	18.27	19.00
40	PI/2 BPSK	50	0	16.68	16.45	16.35	17.00
40		50	28	18.14	18.54	18.35	19.00
40		50	56	16.13	16.49	16.33	17.00
40		100	0	16.24	16.51	16.35	17.00
40		1	1	18.15	18.45	18.24	19.00
40		1	53	18.16	18.53	18.35	19.00
40		1	104	18.16	18.51	18.27	19.00
40	QPSK	50	0	15.15	15.48	15.38	16.00
40		50	28	18.13	18.54	18.34	19.00
40		50	56	15.21	15.51	15.33	16.00
40		100	0	15.14	15.52	15.29	16.00
40	16QAM	1	1	17.25	17.60	17.39	18.00
40	64QAM	1	1	15.51	15.77	15.54	16.50
40	256QAM	1	1	13.45	13.71	13.61	14.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.28	18.58	18.44	19.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.29	18.54	18.38	19.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.22	18.58	18.44	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.20	18.47	18.46	19.00

<FR1 n77 (27Q)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.35		19.00
100		1	137		18.28		19.00
100		1	271		18.34		19.00
100	PI/2 BPSK	135	0		18.17		19.00
100		135	69		18.28		19.00
100		135	138		18.26		19.00
100		270	0		18.23		19.00
100		1	1		18.03		19.00
100		1	137		18.25		19.00
100		1	271		18.30		19.00
100	QPSK	135	0		18.19		19.00
100		135	69		18.28		19.00
100		135	138		18.32		19.00
100		270	0		18.27		19.00
100	16QAM	1	1		18.20		19.00
100	64QAM	1	1		17.88		19.00
100	256QAM	1	1		16.34		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.16	18.30	18.28	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.03	18.25	18.23	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.04	18.19	18.18	19.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.14	18.21	18.23	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.09	18.25	18.21	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.01	18.20	18.14	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.08	18.21	18.20	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.09	18.16	18.14	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.05	18.26	18.19	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.14	18.18	18.24	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.03	18.26	18.15	19.00

<FR1 n77 (27Q)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.26		22.00
100		1	137		21.13		22.00
100		1	271		21.10		22.00
100	Pi/2 BPSK	135	0		20.67		21.50
100		135	69		21.08		22.00
100		135	138		20.75		21.50
100		270	0		20.73		21.50
100		1	1		20.81		22.00
100		1	137		21.07		22.00
100		1	271		21.11		22.00
100	QPSK	135	0		20.27		21.00
100		135	69		21.25		22.00
100		135	138		20.42		21.00
100		270	0		20.28		21.00
100	16QAM	1	1		20.17		21.00
100	64QAM	1	1		18.33		19.50
100	256QAM	1	1		16.48		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.16	21.25	21.18	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.14	21.16	21.07	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3480.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.03	21.13	21.15	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.10	21.12	21.15	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.02	21.17	21.10	22.00
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.02	21.21	21.06	22.00
Channel				631000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.13	21.13	21.08	22.00
Channel				630834	633332	633832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.15	21.17	21.04	22.00
Channel				630668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.05	21.16	21.10	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.11	21.23	21.04	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.15	21.13	21.13	22.00

<FR1 n77 (27O)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	18.15	18.29	17.68	17.92	19.00
100		1	137	17.62	18.05	17.55	17.78	19.00
100		1	271	17.47	18.19	17.47	17.84	19.00
100	Pi/2 BPSK	135	0	17.56	17.90	17.43	17.62	18.50
100		135	69	17.40	18.05	17.39	17.67	19.00
100		135	138	17.53	18.08	17.39	17.61	18.50
100		270	0	17.60	17.94	17.42	17.71	18.50
100		1	1	17.21	17.87	17.28	17.58	19.00
100		1	137	17.48	18.08	17.47	17.75	19.00
100		1	271	17.64	18.03	17.53	17.81	19.00
100	QPSK	135	0	17.01	17.16	17.37	17.71	18.00
100		135	69	17.24	17.97	17.26	17.67	19.00
100		135	138	17.10	17.09	17.45	17.78	18.00
100		270	0	17.08	17.11	17.55	17.76	18.00
100	16QAM	1	1	17.07	16.96	17.47	17.68	18.00
100	64QAM	1	1	15.65	15.64	15.49	17.46	16.50
100	256QAM	1	1	13.56	13.15	13.45	15.90	14.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	17.79	17.82	17.55	17.78	19.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	17.78	17.83	17.63	17.86	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	17.88	17.93	17.62	17.87	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	Pi/2 BPSK	1	1	17.80	17.95	17.54	17.88	19.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	17.79	17.90	17.63	17.81	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	17.87	17.84	17.62	17.89	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	17.78	17.86	17.66	17.87	19.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	17.76	17.91	17.58	17.85	19.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	17.85	17.88	17.65	17.91	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	17.83	17.87	17.66	17.88	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	17.80	17.95	17.63	17.77	19.00

<FR1 n77 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.08	21.18	20.76	20.84	22.00
100		1	137	20.98	21.07	20.55	20.55	22.00
100		1	271	20.76	20.85	20.40	20.40	22.00
100	PI/2 BPSK	135	0	20.60	20.67	20.13	20.13	21.50
100		135	69	20.89	21.04	20.52	20.52	22.00
100		135	138	20.45	20.52	20.08	20.08	21.50
100		270	0	20.45	20.63	20.12	20.12	21.50
100		1	1	20.84	20.97	20.49	20.49	22.00
100		1	137	20.85	20.94	20.45	20.45	22.00
100		1	271	20.56	20.67	20.20	20.20	22.00
100	QPSK	135	0	19.92	20.05	19.55	19.55	21.00
100		135	69	21.11	21.17	20.64	20.64	22.00
100		135	138	19.82	19.91	19.39	19.39	21.00
100		270	0	19.93	19.99	19.56	19.56	21.00
100	16QAM	1	1	20.04	20.15	19.72	19.72	21.00
100	64QAM	1	1	18.19	18.37	17.92	17.92	19.50
100	256QAM	1	1	16.39	16.54	16.15	16.15	17.50
Channel				649668	655500	661334	662132	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.80	20.91	20.73	20.73	22.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.80	20.93	20.63	20.78	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.86	20.88	20.63	20.83	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.90	20.94	20.74	20.79	22.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.81	20.96	20.72	20.72	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.86	20.92	20.73	20.69	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.78	20.91	20.61	20.73	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.82	20.88	20.63	20.78	22.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.78	20.95	20.75	20.80	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.87	20.92	20.63	20.82	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.80	20.93	20.67	20.79	22.00

<FR1 n78 (27Q)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.49		19.00
100		1	137		18.34		19.00
100		1	271		18.38		19.00
100	PI/2 BPSK	135	0		18.19		19.00
100		135	69		18.36		19.00
100		135	138		18.31		19.00
100		270	0		18.23		19.00
100		1	1		18.07		19.00
100		1	137		18.35		19.00
100		1	271		18.40		19.00
100	QPSK	135	0		18.24		19.00
100		135	69		18.34		19.00
100		135	138		18.36		19.00
100		270	0		18.28		19.00
100	16QAM	1	1		18.25		19.00
100	64QAM	1	1		17.92		19.00
100	256QAM	1	1		16.40		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.36	18.48	18.33	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.22	18.37	18.30	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.37	18.26	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.28	18.35	18.21	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.24	18.41	18.29	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.32	18.36	18.32	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.30	18.46	18.30	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.30	18.34	18.21	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.43	18.18	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.35	18.33	18.20	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.24	18.38	18.23	19.00

<FR1 n78 (27Q)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.36		22.00
100		1	137		21.11		22.00
100		1	271		21.30		22.00
100	Pi/2 BPSK	135	0		20.74		21.50
100		135	69		21.30		22.00
100		135	138		20.88		21.50
100		270	0		20.85		21.50
100		1	1		20.97		22.00
100		1	137		21.14		22.00
100		1	271		21.24		22.00
100	QPSK	135	0		20.38		21.00
100		135	69		21.35		22.00
100		135	138		20.45		21.00
100		270	0		20.38		21.00
100	16QAM	1	1		20.20		21.00
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		16.56		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.20	21.34	21.28	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.16	21.21	21.25	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.06	21.32	21.14	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.14	21.19	21.25	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.05	21.27	21.25	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.16	21.25	21.22	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.14	21.19	21.26	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.15	21.30	21.24	22.00
Channel				630583	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.12	21.24	21.18	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.09	21.31	21.16	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.15	21.31	21.25	22.00

<FR1 n78 (27O)_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.58		19.00
100		1	137		18.41		19.00
100		1	271		18.23		19.00
100	Pi/2 BPSK	135	0		18.49		19.00
100		135	69		18.50		19.00
100		135	138		18.27		19.00
100		270	0		18.36		19.00
100		1	1		18.47		19.00
100		1	137		18.40		19.00
100		1	271		18.22		19.00
100	QPSK	135	0		18.56		19.00
100		135	69		18.42		19.00
100		135	138		18.26		19.00
100		270	0		18.42		19.00
100	16QAM	1	1		18.52		19.00
100	64QAM	1	1		18.30		19.00
100	256QAM	1	1		16.78		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	18.52	18.56	18.55	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	18.48	18.53	18.54	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	18.39	18.46	18.49	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	18.41	18.41	18.42	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	18.45	18.55	18.47	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	18.41	18.43	18.47	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	18.46	18.51	18.45	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	18.40	18.42	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	18.42	18.43	18.50	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	18.40	18.51	18.47	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	18.45	18.50	18.53	19.00

<FR1 n78 (27O)_HPUE_Ant 1_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		21.38		22.00
100		1	137		21.29		22.00
100		1	271		21.18		22.00
100	PI/2 BPSK	135	0		21.08		21.50
100		135	69		21.27		22.00
100		135	138		20.89		21.50
100		270	0		20.98		21.50
100		1	1		21.29		22.00
100		1	137		21.25		22.00
100		1	271		21.01		22.00
100	QPSK	135	0		20.54		21.00
100		135	69		21.37		22.00
100		135	138		20.40		21.00
100		270	0		20.53		21.00
100	16QAM	1	1		20.53		21.00
100	64QAM	1	1		18.68		19.50
100	256QAM	1	1		16.88		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.30	21.35	21.32	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.27	21.29	21.18	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.20	21.28	21.25	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.15	21.28	21.23	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.22	21.27	21.17	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.23	21.22	21.28	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.21	21.34	21.20	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.29	21.25	21.26	22.00
Channel				647334	650000	652668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.21	21.25	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.22	21.22	21.26	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.15	21.26	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.21	17.26	17.19	18.00
100		1	137	16.85	17.00	16.82	18.00
100		1	271	16.97	17.13	17.02	18.00
100	PI/2 BPSK	135	0	16.91	17.11	16.94	18.00
100		135	69	17.18	17.23	17.16	18.00
100		135	138	16.99	17.14	17.06	18.00
100		270	0	17.00	17.19	17.08	18.00
100		1	1	16.89	17.05	16.88	18.00
100		1	137	16.84	17.01	16.92	18.00
100		1	271	16.95	17.09	16.88	18.00
100	QPSK	135	0	16.85	17.03	16.95	18.00
100		135	69	16.84	17.04	16.94	18.00
100		135	138	16.98	17.17	17.04	18.00
100		270	0	17.07	17.14	16.93	18.00
100	16QAM	1	1	17.07	17.13	16.96	18.00
100	64QAM	1	1	16.85	17.02	16.87	18.00
100	256QAM	1	1	16.98	17.17	17.03	18.00
Channel				506202	518598	530994	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.20	17.24	17.08	18.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2538.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.07	17.16	17.06	18.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.12	17.13	17.12	18.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.16	17.12	17.13	18.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.17	17.11	17.17	18.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	17.16	17.23	17.12	18.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.06	17.24	17.06	18.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	17.15	17.24	17.13	18.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.09	17.21	17.12	18.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	17.10	17.20	17.04	18.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.12	17.23	17.09	18.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.18	17.20	17.09	18.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.16	17.25	17.17	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.09	20.11	20.02	21.00
100		1	137	19.76	19.92	19.74	21.00
100		1	271	19.73	19.89	19.78	21.00
100	PI/2 BPSK	135	0	19.68	19.82	19.68	21.00
100		135	69	20.02	20.07	19.95	21.00
100		135	138	19.90	20.01	19.78	21.00
100		270	0	19.86	20.03	19.83	21.00
100		1	1	19.91	20.04	19.87	21.00
100		1	137	19.98	20.01	19.91	21.00
100		1	271	19.91	20.04	19.92	21.00
100	QPSK	135	0	19.72	19.82	19.68	21.00
100		135	69	19.72	19.83	19.68	21.00
100		135	138	19.72	19.83	19.66	21.00
100		270	0	19.84	20.00	19.89	21.00
100	16QAM	1	1	19.81	19.95	19.75	21.00
100	64QAM	1	1	19.67	19.84	19.68	21.00
100	256QAM	1	1	16.21	16.36	16.24	18.00
Channel				506200	518598	529996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.07	20.04	19.95	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2538.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.01	19.99	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.05	19.96	19.92	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.99	20.09	19.97	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.06	20.07	19.96	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.06	20.05	19.91	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.00	20.07	19.87	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.01	20.09	20.00	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.05	20.05	19.88	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.98	19.99	20.00	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.03	20.02	19.93	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.07	19.98	19.94	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.96	20.05	20.00	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.57	18.80	18.59	20.00
40		1	53	18.47	18.77	18.44	20.00
40		1	104	18.24	18.62	18.39	20.00
40	PI/2 BPSK	50	0	16.43	16.65	16.33	18.00
40		50	28	16.42	16.69	16.36	20.00
40		50	56	16.37	16.65	16.37	18.00
40		100	0	16.33	16.65	16.39	18.00
40		1	1	18.34	18.63	18.36	20.00
40		1	53	18.49	18.75	18.52	20.00
40		1	104	18.35	18.63	18.39	20.00
40	QPSK	50	0	15.37	15.64	15.37	17.00
40		50	28	16.41	16.70	16.39	20.00
40		50	56	15.34	15.66	15.41	17.00
40		100	0	15.35	15.66	15.40	17.00
40	16QAM	1	1	17.48	17.82	17.52	19.00
40	64QAM	1	1	15.66	15.96	15.72	17.50
40	256QAM	1	1	13.68	13.90	13.65	15.50
Channel				637668	641666	645668	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.56	18.74	18.44	20.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.42	18.72	18.56	20.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.77	18.51	20.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.43	18.66	18.51	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		11.54		12.20
100		1	137		11.45		12.20
100		1	271		11.49		12.20
100	PI/2 BPSK	135	0		11.41		12.20
100		135	69		11.45		12.20
100		135	138		11.41		12.20
100		270	0		11.44		12.20
100		1	1		11.37		12.20
100		1	137		11.46		12.20
100		1	271		11.50		12.20
100	QPSK	135	0		11.49		12.20
100		135	69		11.49		12.20
100		135	138		11.51		12.20
100		270	0		11.48		12.20
100	16QAM	1	1		11.52		12.20
100	64QAM	1	1		11.43		12.20
100	256QAM	1	1		11.42		12.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	11.43	11.49	11.44	12.20
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.36	11.40	11.36	12.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	11.34	11.34	11.43	12.20
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.36	11.44	11.30	12.20
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	11.33	11.45	11.38	12.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.31	11.47	11.42	12.20
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.31	11.41	11.35	12.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	11.41	11.46	11.30	12.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.38	11.47	11.30	12.20
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	11.38	11.47	11.41	12.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	11.40	11.38	11.35	12.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.46		15.20
100		1	137		14.24		15.20
100		1	271		14.27		15.20
100		135	0		14.28		15.20
100		135	69		14.25		15.20
100		135	138		14.09		15.20
100	QPSK	270	0		14.27		15.20
100		1	1		14.13		15.20
100		1	137		14.14		15.20
100		1	271		14.18		15.20
100		135	0		14.27		15.20
100		135	69		14.43		15.20
100		135	138		14.27		15.20
100		270	0		14.27		15.20
100	16QAM	1	1		14.27		15.20
100	64QAM	1	1		14.18		15.20
100	256QAM	1	1		14.18		15.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.38	14.40	14.39	15.20
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.31	14.35	14.29	15.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.31	14.34	14.27	15.20
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.34	14.34	14.24	15.20
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.25	14.30	14.26	15.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.29	14.38	14.27	15.20
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.28	14.35	14.26	15.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.28	14.38	14.28	15.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.30	14.28	14.33	15.20
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.24	14.31	14.28	15.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.25	14.33	14.33	15.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	11.59	11.64	11.33	11.45	12.20
100		1	137	11.31	11.42	10.83	10.93	12.20
100		1	271	10.95	11.15	10.49	10.65	12.20
100		135	0	11.24	11.35	10.75	10.88	12.20
100		135	69	11.30	11.37	10.77	10.93	12.20
100		135	138	11.05	11.24	10.60	10.59	12.20
100	QPSK	270	0	11.12	11.32	10.68	10.76	12.20
100		1	1	11.33	11.44	10.88	10.88	12.20
100		1	137	11.55	11.61	11.02	11.04	12.20
100		1	271	11.54	11.58	11.08	11.11	12.20
100		135	0	11.59	11.59	11.14	11.10	12.20
100		135	69	11.48	11.59	10.92	10.99	12.20
100		135	138	11.56	11.57	11.05	11.08	12.20
100		270	0	11.61	11.63	11.14	11.26	12.20
100	16QAM	1	1	11.36	11.55	10.95	11.01	12.20
100	64QAM	1	1	11.38	11.41	11.48	11.50	12.20
100	256QAM	1	1	11.36	11.41	11.43	11.37	12.20
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	11.54	11.60	11.29	11.38	12.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3935.99	
80	PI/2 BPSK	1	1	11.56	11.60	11.31	11.21	12.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	11.45	11.54	11.21	11.28	12.20
Channel				648668	655001	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	11.47	11.61	11.22	11.35	12.20
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	11.50	11.59	11.25	11.32	12.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	11.56	11.52	11.29	11.34	12.20
Channel				647668	654501	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	11.55	11.54	11.27	11.31	12.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	11.53	11.55	11.18	11.35	12.20
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	11.50	11.61	11.22	11.21	12.20
Channel				647168	654252	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	11.54	11.61	11.28	11.24	12.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	11.55	11.54	11.24	11.43	12.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	14.30	14.35	13.92	14.00	15.20
100		1	137	14.01	14.11	13.68	13.87	15.20
100		1	271	13.99	14.08	13.59	13.68	15.20
100		135	0	14.01	14.07	13.36	13.31	15.20
100		135	69	14.08	14.21	13.89	14.04	15.20
100		135	138	13.99	14.08	13.63	13.71	15.20
100	QPSK	270	0	14.01	14.10	13.65	13.74	15.20
100		1	1	14.01	14.05	13.68	13.76	15.20
100		1	137	14.05	14.11	13.78	13.73	15.20
100		1	271	14.04	14.03	13.69	13.83	15.20
100		135	0	14.00	14.04	13.69	13.80	15.20
100		135	69	14.22	14.27	13.99	14.10	15.20
100		135	138	14.05	14.01	13.65	13.72	15.20
100		270	0	14.06	14.00	13.68	13.85	15.20
100	16QAM	1	1	14.02	14.02	13.65	13.80	15.20
100	64QAM	1	1	14.04	14.02	13.64	13.79	15.20
100	256QAM	1	1	14.06	14.03	13.68	13.75	15.20
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	14.22	14.31	13.86	14.02	15.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	14.26	14.23	13.83	13.94	15.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	14.25	14.24	13.91	13.98	15.20
Channel				648968	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	14.23	14.23	13.77	13.86	15.20
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	14.25	14.30	13.83	13.95	15.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	14.21	14.29	13.84	13.97	15.20
Channel				647968	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	14.18	14.27	13.84	14.02	15.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	14.20	14.23	13.90	13.98	15.20
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	14.19	14.25	13.78	13.82	15.20
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	14.25	14.28	13.78	14.04	15.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	14.24	14.33	13.89	13.82	15.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.42		12.20
100		1	137		11.33		12.20
100		1	271		11.37		12.20
100		135	0		11.30		12.20
100		135	69		11.34		12.20
100		135	138		11.29		12.20
100	QPSK	270	0		11.33		12.20
100		1	1		11.24		12.20
100		1	137		11.34		12.20
100		1	271		11.39		12.20
100		135	0		11.37		12.20
100		135	69		11.37		12.20
100		135	138		11.38		12.20
100		270	0		11.36		12.20
100	16QAM	1	1		11.41		12.20
100	64QAM	1	1		11.31		12.20
100	256QAM	1	1		11.31		12.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	11.38	11.40	11.37	12.20
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.34	11.32	11.30	12.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	11.34	11.32	11.36	12.20
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.25	11.32	11.35	12.20
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3524	
50	PI/2 BPSK	1	1	11.34	11.28	11.35	12.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.29	11.31	11.32	12.20
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.27	11.29	11.34	12.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	11.37	11.35	11.35	12.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.25	11.34	11.25	12.20
Channel				630501	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	11.36	11.28	11.31	12.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	11.26	11.26	11.31	12.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		14.35		15.20
100		1	137		14.12		15.20
100		1	271		14.14		15.20
100	Pi/2 BPSK	135	0		14.32		15.20
100		135	69		14.14		15.20
100		135	138		14.06		15.20
100		270	0		14.14		15.20
100		1	1		14.01		15.20
100		1	137		14.03		15.20
100		1	271		14.06		15.20
100	QPSK	135	0		14.15		15.20
100		135	69		14.31		15.20
100		135	138		14.16		15.20
100		270	0		14.14		15.20
100	16QAM	1	1		14.16		15.20
100	64QAM	1	1		14.05		15.20
100	256QAM	1	1		14.06		15.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	14.28	14.31	14.25	15.20
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	14.22	14.24	14.10	15.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	14.15	14.20	14.20	15.20
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	14.18	14.24	14.17	15.20
Channel				631998	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	14.14	14.20	14.22	15.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	14.13	14.25	14.24	15.20
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	14.21	14.28	14.15	15.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	14.19	14.17	14.23	15.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	14.15	14.20	14.16	15.20
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	14.17	14.20	14.20	15.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	14.23	14.20	14.22	15.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		11.49		12.20
100		1	137		11.29		12.20
100		1	271		11.27		12.20
100	Pi/2 BPSK	135	0		11.21		12.20
100		135	69		11.46		12.20
100		135	138		11.10		12.20
100		270	0		11.18		12.20
100		1	1		11.30		12.20
100		1	137		11.42		12.20
100		1	271		11.45		12.20
100	QPSK	135	0		11.45		12.20
100		135	69		11.45		12.20
100		135	138		11.42		12.20
100		270	0		11.42		12.20
100	16QAM	1	1		11.40		12.20
100	64QAM	1	1		11.27		12.20
100	256QAM	1	1		11.27		12.20
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	11.45	11.46	11.37	12.20
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	11.35	11.45	11.29	12.20
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	11.32	11.39	11.26	12.20
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	11.34	11.38	11.32	12.20
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	11.30	11.44	11.25	12.20
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	11.30	11.41	11.25	12.20
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	11.35	11.41	11.29	12.20
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	11.42	11.42	11.30	12.20
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	11.39	11.36	11.35	12.20
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	11.37	11.34	11.28	12.20
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	11.37	11.42	11.28	12.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		14.24		15.20
100		1	137		14.00		15.20
100		1	271		13.96		15.20
100	PI/2 BPSK	135	0		13.95		15.20
100		135	69		14.20		15.20
100		135	138		13.96		15.20
100		270	0		13.98		15.20
100		1	1		13.94		15.20
100		1	137		13.99		15.20
100		1	271		13.90		15.20
100	QPSK	135	0		13.92		15.20
100		135	69		14.15		15.20
100		135	138		13.90		15.20
100		270	0		13.88		15.20
100	16QAM	1	1		13.89		15.20
100	64QAM	1	1		13.89		15.20
100	256QAM	1	1		13.92		15.20
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	14.18	14.19	14.16	15.20
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3755.99	
80	PI/2 BPSK	1	1	14.08	14.09	14.14	15.20
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.03	14.10	14.13	15.20
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.10	14.15	14.13	15.20
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.15	14.08	14.07	15.20
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.12	14.08	14.03	15.20
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.09	14.13	14.07	15.20
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	14.12	14.17	14.03	15.20
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.15	14.11	14.06	15.20
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.04	14.05	14.12	15.20
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.11	14.13	14.03	15.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.34	20.20	20.24	21.00
40		1	108	20.37	20.31	20.24	21.00
40		1	214	20.27	20.34	20.24	21.00
40	PI/2 BPSK	108	0	20.27	20.36	20.23	21.00
40		108	54	20.32	20.19	20.27	21.00
40		108	108	20.38	20.35	20.10	21.00
40		216	0	20.38	20.33	20.13	21.00
40		1	1	20.26	20.20	20.13	21.00
40		1	108	20.40	20.36	20.20	21.00
40		1	214	20.29	20.33	20.19	21.00
40	QPSK	108	0	20.31	20.33	20.04	21.00
40		108	54	20.41	20.42	20.23	21.00
40		108	108	21.64	21.67	21.41	21.00
40		216	0	21.62	21.73	21.50	21.00
40	16QAM	1	1	21.88	22.00	21.83	21.00
40	64QAM	1	1	20.02	20.17	19.94	21.00
40	256QAM	1	1	18.02	18.15	17.94	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.91	22.94	22.69	21.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.86	22.85	22.72	21.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.90	22.94	22.77	21.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.90	22.92	22.77	21.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.87	22.83	22.72	21.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.87	22.88	22.70	21.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.94	22.85	22.77	21.00

<FR1 n5_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	21.18	21.31	21.29	22.50
20		1	53	20.85	21.01	20.83	22.50
20		1	104	20.75	21.17	20.93	22.50
20	PI/2 BPSK	50	0	20.92	21.07	20.88	22.50
20		50	28	21.16	21.28	21.14	22.50
20		50	56	20.90	21.05	20.84	22.50
20		100	0	20.87	21.23	20.88	22.50
20		1	1	20.93	20.96	20.99	22.50
20		1	53	20.81	20.97	20.84	22.50
20		1	104	21.08	21.18	21.01	22.50
20	QPSK	50	0	20.90	21.10	20.92	22.50
20		50	28	20.87	21.00	20.76	22.50
20		50	56	20.88	21.12	20.95	22.50
20		100	0	20.74	20.89	20.72	22.50
20	16QAM	1	1	20.92	21.14	21.00	22.50
20	64QAM	1	1	19.96	19.96	19.95	21.50
20	256QAM	1	1	18.03	18.17	17.92	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	21.09	21.30	21.20	22.50
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	21.09	21.26	21.28	22.50
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	21.07	21.17	21.20	22.50

<FR1 n7_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	15.18	15.21	15.19	16.90
50		1	135	15.05	15.11	15.02	16.90
50		1	268	14.98	15.15	15.11	16.90
50	Pi/2 BPSK	135	0	14.93	14.98	14.92	16.90
50		135	68	15.10	15.19	15.16	16.90
50		135	135	14.92	14.94	14.95	16.90
50		270	0	15.07	15.12	15.08	16.90
50		1	1	14.95	15.02	15.02	16.90
50		1	135	14.93	15.05	14.95	16.90
50		1	268	14.99	15.08	14.99	16.90
50	QPSK	135	0	15.01	15.11	15.00	16.90
50		135	68	15.03	15.14	15.07	16.90
50		135	135	15.02	15.09	15.03	16.90
50		270	0	14.93	15.04	14.92	16.90
50	16QAM	1	1	14.96	15.02	14.98	16.90
50	64QAM	1	1	15.03	15.10	14.98	16.90
50	256QAM	1	1	14.93	15.06	14.90	16.90
Channel				504100	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	15.05	15.15	15.16	16.90
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	15.15	15.08	15.07	16.90
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	15.07	15.15	15.16	16.90
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	15.04	15.07	15.05	16.90
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	15.08	15.06	15.14	16.90
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	15.11	15.08	15.05	16.90
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	15.09	15.19	15.11	16.90
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	15.07	15.19	15.12	16.90

<FR1 n12_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	22.62	22.70	22.65	23.90
15		1	40	22.43	22.61	22.52	23.90
15		1	77	22.42	22.62	22.46	23.90
15	Pi/2 BPSK	36	0	21.88	22.09	22.02	23.50
15		36	22	22.41	22.56	22.42	23.90
15		36	43	21.91	22.12	21.95	23.50
15		75	0	21.97	22.11	21.94	23.50
15		1	1	22.52	22.68	22.57	23.90
15		1	40	22.45	22.61	22.44	23.90
15		1	77	22.55	22.64	22.54	23.90
15	QPSK	36	0	21.41	21.59	21.41	23.00
15		36	22	22.35	22.52	22.38	23.90
15		36	43	21.47	21.61	21.49	23.00
15		75	0	21.50	21.62	21.47	23.00
15	16QAM	1	1	21.69	21.83	21.69	23.00
15	64QAM	1	1	19.85	20.03	19.90	21.50
15	256QAM	1	1	17.98	18.09	18.00	19.50
Channel				140800	141000	141200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	Pi/2 BPSK	1	1	22.55	22.64	22.59	23.90
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	Pi/2 BPSK	1	1	22.48	22.65	22.62	23.90

<FR1 n13_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	Pi/2 BPSK	1	1		22.77		24.00
10		1	26		22.72		24.00
10		1	50		22.74		24.00
10		25	0		22.17		23.50
10		25	14		22.73		24.00
10		25	27		22.26		23.50
10		50	0		22.21		23.50
10	QPSK	1	1		22.76		24.00
10		1	26		22.69		24.00
10		1	50		22.72		24.00
10		25	0		21.63		23.00
10		25	14		22.73		24.00
10		25	27		21.74		23.00
10		50	0		21.71		23.00
10	16QAM	1	1		21.88		23.00
10	64QAM	1	1		20.02		21.50
10	256QAM	1	1		18.11		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	Pi/2 BPSK	1	1	22.70	22.75	22.73	24.00

<FR1 n25_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	20.39	20.40	20.38	21.00
40		1	108	20.00	20.15	20.01	21.00
40		1	214	20.16	20.23	20.18	21.00
40		108	0	20.20	20.25	20.14	21.00
40		108	54	20.36	20.38	20.35	21.00
40		108	108	20.24	20.29	20.17	21.00
40		216	0	20.30	20.33	20.21	21.00
40	QPSK	1	1	20.05	20.18	20.11	21.00
40		1	108	20.00	20.13	20.00	21.00
40		1	214	20.08	20.20	20.03	21.00
40		108	0	20.04	20.15	20.06	21.00
40		108	54	20.14	20.22	20.14	21.00
40		108	108	19.98	20.11	19.96	21.00
40		216	0	20.09	20.21	20.09	21.00
40	16QAM	1	1	20.15	20.21	20.14	21.00
40	64QAM	1	1	20.07	20.22	20.08	21.00
40	256QAM	1	1	18.04	18.13	18.04	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	20.35	20.35	20.34	21.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	20.28	20.37	20.30	21.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	20.28	20.30	20.29	21.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	20.36	20.26	20.36	21.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	20.33	20.31	20.29	21.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	20.32	20.28	20.36	21.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	20.25	20.27	20.37	21.00

<FR1 n26_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164900	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	21.22	21.33	21.26	22.50
20		1	53	20.87	21.13	20.99	22.50
20		1	104	20.95	21.19	21.01	22.50
20	PI/2 BPSK	50	0	20.96	21.10	20.93	22.50
20		50	28	21.20	21.27	21.23	22.50
20		50	56	21.10	21.22	21.03	22.50
20		100	0	21.00	21.24	21.08	22.50
20		1	1	20.96	21.15	21.03	22.50
20		1	53	20.85	21.06	20.86	22.50
20		1	104	21.11	21.26	21.14	22.50
20	QPSK	50	0	21.05	21.21	21.01	22.50
20		50	28	20.98	21.15	20.95	22.50
20		50	56	20.98	21.17	20.98	22.50
20		100	0	20.93	21.05	20.90	22.50
20	16QAM	1	1	20.98	21.21	21.02	22.50
20	64QAM	1	1	20.00	20.14	20.00	21.50
20	256QAM	1	1	18.11	18.25	18.05	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	21.18	21.24	21.18	22.50
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	21.10	21.28	21.21	22.50
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	21.08	21.24	21.13	22.50

<FR1 n66_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	19.02	19.16	19.11	21.00
45		1	120	19.51	19.58	19.47	21.00
45		1	240	19.19	19.35	19.16	21.00
45	PI/2 BPSK	120	0	19.23	19.48	19.29	21.00
45		120	60	19.49	19.52	19.45	21.00
45		120	120	19.24	19.40	19.26	21.00
45		240	0	19.33	19.50	19.35	21.00
45		1	1	19.21	19.47	19.37	21.00
45		1	120	19.19	19.33	19.25	21.00
45		1	240	19.34	19.49	19.37	21.00
45	QPSK	120	0	19.18	19.40	19.23	21.00
45		120	60	19.16	19.36	19.18	21.00
45		120	120	19.18	19.30	19.23	21.00
45		240	0	19.13	19.28	19.16	21.00
45	16QAM	1	1	19.33	19.49	19.40	21.00
45	64QAM	1	1	19.20	19.42	19.35	21.00
45	256QAM	1	1	17.60	17.77	17.60	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.13	19.08	19.09	21.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	19.06	19.09	19.02	21.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	19.03	19.04	19.13	21.00
Channel				344502	349000	353502	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	19.06	19.13	19.02	21.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.01	19.10	19.06	21.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.10	19.12	19.10	21.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	19.06	19.11	19.04	21.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.04	19.06	19.05	21.00

<FR1 n70_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	Pi/2 BPSK	1	1		20.50		21.60
15		1	40		20.38		21.60
15		1	77		20.35		21.60
15		36	0		20.33		21.60
15		36	22		20.49		21.60
15		36	43		20.21		21.60
15		75	0		20.44		21.60
15	QPSK	1	1		20.43		21.60
15		1	40		20.28		21.60
15		1	77		20.28		21.60
15		36	0		20.35		21.60
15		36	22		20.35		21.60
15		36	43		20.24		21.60
15		75	0		20.21		21.60
15	16QAM	1	1		20.43		21.60
15	64QAM	1	1		19.25		20.50
15	256QAM	1	1		17.28		18.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	Pi/2 BPSK	1	1	20.41	20.48	20.36	21.60
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	Pi/2 BPSK	1	1	20.36	20.41	20.32	21.60

<FR1 n71_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	Pi/2 BPSK	1	1		22.73		24.00
35		1	90		22.58		24.00
35		1	186		22.59		24.00
35		90	0		22.15		23.50
35		90	45		22.64		24.00
35		90	90		22.14		23.50
35		180	0		22.12		23.50
35	QPSK	1	1		22.61		24.00
35		1	90		22.57		24.00
35		1	186		22.60		24.00
35		90	0		21.62		23.00
35		90	45		22.65		24.00
35		90	90		21.63		23.00
35		180	0		21.65		23.00
35	16QAM	1	1		21.74		23.00
35	64QAM	1	1		19.94		21.50
35	256QAM	1	1		17.93		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	Pi/2 BPSK	1	1	22.63	22.70	22.66	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	Pi/2 BPSK	1	1	22.59	22.56	22.55	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	Pi/2 BPSK	1	1	22.51	22.59	22.51	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	Pi/2 BPSK	1	1	22.49	22.63	22.61	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	Pi/2 BPSK	1	1	22.57	22.56	22.55	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	Pi/2 BPSK	1	1	22.54	22.62	22.57	24.00

<FR1 n41_Ant 4_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.38	15.46	15.39	17.20
100		1	137	15.20	15.31	15.27	17.20
100		1	271	15.36	15.45	15.30	17.20
100	PI/2 BPSK	135	0	15.32	15.30	15.20	17.20
100		135	69	15.36	15.41	15.34	17.20
100		135	138	15.27	15.41	15.32	17.20
100		270	0	15.21	15.36	15.25	17.20
100		1	1	15.30	15.24	15.21	17.20
100		1	137	15.24	15.38	15.33	17.20
100		1	271	15.36	15.44	15.38	17.20
100	QPSK	135	0	15.28	15.31	15.22	17.20
100		135	69	15.27	15.32	15.29	17.20
100		135	138	15.32	15.41	15.35	17.20
100		270	0	15.31	15.24	15.32	17.20
100	16QAM	1	1	15.25	15.42	15.29	17.20
100	64QAM	1	1	15.35	15.43	15.27	17.20
100	256QAM	1	1	15.23	15.34	15.27	17.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
90	PI/2 BPSK	1	1	15.36	15.40	15.37	17.20
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.33	15.44	15.31	17.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.30	15.39	15.34	17.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.31	15.43	15.35	17.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.29	15.40	15.35	17.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.32	15.35	15.37	17.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.30	15.40	15.30	17.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.35	15.41	15.33	17.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.37	15.40	15.33	17.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.33	15.42	15.30	17.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.33	15.35	15.36	17.20
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.34	15.45	15.36	17.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.36	15.45	15.36	17.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	18.39	18.58	18.36	20.20
100		1	137	18.36	18.43	18.33	20.20
100		1	271	18.38	18.47	18.34	20.20
100	PI/2 BPSK	135	0	18.38	18.42	18.34	20.20
100		135	69	18.33	18.51	18.53	20.20
100		135	138	18.38	18.49	18.35	20.20
100		270	0	18.38	18.53	18.34	20.20
100		1	1	18.38	18.53	18.33	20.20
100		1	137	18.39	18.51	18.34	20.20
100		1	271	18.37	18.51	18.33	20.20
100	QPSK	135	0	18.38	18.54	18.35	20.20
100		135	69	18.37	18.40	18.34	20.20
100		135	138	18.38	18.56	18.35	20.20
100		270	0	18.37	18.53	18.35	20.20
100	16QAM	1	1	18.39	18.44	18.34	20.20
100	64QAM	1	1	18.37	18.51	18.36	20.20
100	256QAM	1	1	18.37	18.52	18.34	20.20
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.38	18.54	18.33	20.20
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.37	18.57	18.35	20.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.39	18.57	18.35	20.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.38	18.53	18.34	20.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.37	18.57	18.35	20.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.37	18.54	18.35	20.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.36	18.57	18.35	20.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.36	18.55	18.33	20.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.37	18.55	18.35	20.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.38	18.55	18.35	20.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.39	18.55	18.34	20.20
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.37	18.56	18.33	20.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.36	18.54	18.35	20.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.62	18.71	18.68	19.50
40		1	53	18.42	18.61	18.50	19.50
40		1	104	18.43	18.63	18.57	19.50
40	PI/2 BPSK	50	0	18.37	18.57	18.40	19.50
40		50	28	18.61	18.69	18.64	19.50
40		50	56	18.46	18.58	18.51	19.50
40		100	0	18.47	18.66	18.52	19.50
40		1	1	18.27	18.48	18.37	19.50
40		1	53	18.33	18.44	18.34	19.50
40		1	104	18.26	18.48	18.33	19.50
40	QPSK	50	0	18.39	18.54	18.42	19.50
40		50	28	18.34	18.52	18.46	19.50
40		50	56	18.28	18.44	18.33	19.50
40		100	0	18.46	18.59	18.49	19.50
40	16QAM	1	1	18.22	18.42	18.37	19.50
40	64QAM	1	1	18.30	18.44	18.32	19.50
40	256QAM	1	1	18.32	18.56	18.40	19.50
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.58	18.57	18.53	19.50
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.60	18.60	18.66	19.50
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.56	18.63	18.58	19.50
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.61	18.63	18.56	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.28		17.50
100		1	137		16.06		17.50
100		1	271		16.13		17.50
100	PI/2 BPSK	135	0		16.03		17.50
100		135	69		16.23		17.50
100		135	138		16.08		17.50
100		270	0		16.19		17.50
100		1	1		16.08		17.50
100		1	137		16.19		17.50
100		1	271		16.19		17.50
100	QPSK	135	0		16.17		17.50
100		135	69		16.14		17.50
100		135	138		15.95		17.50
100		270	0		16.05		17.50
100	16QAM	1	1		16.12		17.50
100	64QAM	1	1		16.15		17.50
100	256QAM	1	1		15.91		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.11	16.25	16.14	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.05	16.19	16.03	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.97	16.17	16.06	17.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.96	16.24	16.04	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.10	16.15	16.01	17.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.97	16.10	16.06	17.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.02	16.23	16.09	17.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.03	16.16	16.00	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.07	16.12	16.07	17.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.98	16.13	16.06	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.05	16.12	16.05	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.00		20.50
100		1	137		18.74		20.50
100		1	271		18.89		20.50
100		135	0		18.77		20.50
100		135	69		18.95		20.50
100		135	138		18.91		20.50
100		270	0		18.92		20.50
100	QPSK	1	1		18.87		20.50
100		1	137		18.69		20.50
100		1	271		18.72		20.50
100		135	0		18.89		20.50
100		135	69		18.94		20.50
100		135	138		18.90		20.50
100		270	0		18.90		20.50
100	16QAM	1	1		18.82		20.50
100	64QAM	1	1		18.78		20.50
100	256QAM	1	1		18.42		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.86	18.94	18.82	20.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.79	18.90	18.69	20.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.74	18.85	18.80	20.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.74	18.80	18.75	20.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.73	18.84	18.78	20.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.83	18.86	18.75	20.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.85	18.90	18.75	20.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.77	18.92	18.79	20.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.72	18.82	18.76	20.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.76	18.83	18.78	20.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.84	18.80	18.81	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3825.02	3920.01	3950	
100	PI/2 BPSK	1	1	16.40	16.35	16.43	16.29	17.50
100		1	137	16.04	15.98	16.12	16.14	17.50
100		1	271	16.02	16.03	16.11	16.06	17.50
100		135	0	15.96	16.09	16.27	16.06	17.50
100		135	69	16.34	16.32	16.41	16.40	17.50
100		135	138	16.06	16.01	16.08	15.97	17.50
100		270	0	16.17	16.06	16.39	16.36	17.50
100	QPSK	1	1	16.01	15.88	16.06	16.06	17.50
100		1	137	16.06	15.98	16.22	16.13	17.50
100		1	271	16.12	16.01	16.14	16.15	17.50
100		135	0	16.18	16.10	16.20	16.06	17.50
100		135	69	16.12	16.01	16.37	16.15	17.50
100		135	138	16.18	15.97	16.15	15.97	17.50
100		270	0	16.21	16.22	16.36	16.35	17.50
100	16QAM	1	1	16.14	16.09	16.21	16.04	17.50
100	64QAM	1	1	16.10	16.12	16.34	16.34	17.50
100	256QAM	1	1	16.11	15.99	16.07	16.04	17.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3812.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.29	16.34	16.29	16.25	17.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3810.01	3920.01	3935.99	
80	PI/2 BPSK	1	1	16.28	16.20	16.34	16.24	17.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.31	16.26	16.40	16.43	17.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	16.27	16.32	16.33	16.26	17.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.35	16.33	16.40	16.42	17.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.36	16.25	16.41	16.30	17.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.25	16.31	16.36	16.26	17.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.33	16.24	16.37	16.28	17.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.30	16.24	16.35	16.35	17.50
Channel				647168	654252	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.33	16.27	16.31	16.21	17.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.34	16.22	16.39	16.32	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	19.53	19.34	19.54	19.39	20.50
100		1	137	19.42	19.18	19.45	19.44	20.50
100		1	271	19.18	19.10	19.31	19.09	20.50
100	PI/2 BPSK	135	0	19.02	18.96	19.18	19.01	20.50
100		135	69	19.42	19.29	19.51	19.30	20.50
100		135	138	19.17	19.06	19.31	19.31	20.50
100		270	0	19.39	19.16	19.44	19.27	20.50
100		1	1	19.09	18.93	19.19	19.21	20.50
100		1	137	19.27	19.03	19.35	19.33	20.50
100		1	271	19.01	18.82	19.13	18.92	20.50
100	QPSK	135	0	19.00	18.89	19.15	18.99	20.50
100		135	69	19.04	18.85	19.16	19.10	20.50
100		135	138	19.24	18.97	19.27	19.11	20.50
100		270	0	19.13	18.93	19.24	19.04	20.50
100	16QAM	1	1	19.18	19.02	19.28	19.13	20.50
100	64QAM	1	1	19.24	19.12	19.40	19.22	20.50
100	256QAM	1	1	19.28	19.09	19.32	19.12	20.50
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.42	19.23	19.48	19.40	20.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.46	19.19	19.48	19.26	20.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.51	19.31	19.52	19.44	20.50
Channel				648968	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.50	19.26	19.53	19.40	20.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.43	19.21	19.49	19.39	20.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.51	19.29	19.50	19.39	20.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.48	19.29	19.43	19.40	20.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.49	19.33	19.50	19.40	20.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.49	19.29	19.52	19.29	20.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.48	19.27	19.53	19.44	20.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.44	19.28	19.41	19.31	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.21		17.50
100		1	137		15.79		17.50
100		1	271		16.01		17.50
100	PI/2 BPSK	135	0		15.78		17.50
100		135	69		16.18		17.50
100		135	138		16.01		17.50
100		270	0		16.15		17.50
100		1	1		16.00		17.50
100		1	137		15.95		17.50
100		1	271		16.02		17.50
100	QPSK	135	0		15.76		17.50
100		135	69		16.02		17.50
100		135	138		15.91		17.50
100		270	0		15.88		17.50
100	16QAM	1	1		15.94		17.50
100	64QAM	1	1		16.09		17.50
100	256QAM	1	1		15.72		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.06	16.17	16.12	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.01	16.07	16.07	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.02	16.16	16.10	17.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.00	16.09	16.06	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3524	
50	PI/2 BPSK	1	1	15.93	16.16	16.04	17.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.96	16.02	16.10	17.50
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.03	16.02	16.09	17.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.93	16.15	16.09	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.96	16.11	16.02	17.50
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.02	16.16	16.00	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.96	16.05	16.04	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.89		20.50
100		1	137		18.60		20.50
100		1	271		18.84		20.50
100	Pi/2 BPSK	135	0		18.70		20.50
100		135	69		18.85		20.50
100		135	138		18.66		20.50
100		270	0		18.82		20.50
100		1	1		18.66		20.50
100		1	137		18.76		20.50
100		1	271		18.60		20.50
100	QPSK	135	0		18.51		20.50
100		135	69		18.68		20.50
100		135	138		18.62		20.50
100		270	0		18.71		20.50
100	16QAM	1	1		18.74		20.50
100	64QAM	1	1		18.63		20.50
100	256QAM	1	1		18.71		20.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.79	18.86	18.81	20.50
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3519	
80	Pi/2 BPSK	1	1	18.77	18.80	18.78	20.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.78	18.77	18.71	20.50
Channel				632002	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.68	18.73	18.75	20.50
Channel				631998	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.64	18.80	18.69	20.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.69	18.76	18.75	20.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.76	18.84	18.72	20.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.74	18.85	18.70	20.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.76	18.84	18.66	20.50
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.73	18.82	18.67	20.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.75	18.75	18.79	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		16.25		17.50
100		1	137		16.07		17.50
100		1	271		16.07		17.50
100	Pi/2 BPSK	135	0		16.08		17.50
100		135	69		16.21		17.50
100		135	138		15.98		17.50
100		270	0		16.19		17.50
100		1	1		15.98		17.50
100		1	137		16.12		17.50
100		1	271		16.04		17.50
100	QPSK	135	0		16.10		17.50
100		135	69		16.17		17.50
100		135	138		15.91		17.50
100		270	0		16.22		17.50
100	16QAM	1	1		16.17		17.50
100	64QAM	1	1		16.16		17.50
100	256QAM	1	1		16.09		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	16.09	16.17	16.16	17.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	16.06	16.03	16.05	17.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	15.94	16.07	16.11	17.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	16.00	16.07	16.07	17.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	15.97	16.15	16.14	17.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	16.01	16.08	16.03	17.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	15.96	16.04	16.10	17.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	16.04	16.15	16.05	17.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	16.01	16.06	16.14	17.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	16.00	16.11	16.14	17.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	15.95	16.08	16.08	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		19.26		20.50
100		1	137		19.09		20.50
100		1	271		19.23		20.50
100	PI/2 BPSK	135	0		19.06		20.50
100		135	69		19.22		20.50
100		135	138		19.08		20.50
100		270	0		19.19		20.50
100		1	1		18.96		20.50
100		1	137		19.24		20.50
100		1	271		19.05		20.50
100	QPSK	135	0		18.97		20.50
100		135	69		19.05		20.50
100		135	138		19.09		20.50
100		270	0		19.06		20.50
100	16QAM	1	1		19.04		20.50
100	64QAM	1	1		19.25		20.50
100	256QAM	1	1		19.20		20.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.19	19.24	19.21	20.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3750	3755.99	
80	PI/2 BPSK	1	1	19.16	19.16	19.08	20.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.10	19.13	19.16	20.50
Channel				648993	650000	651132	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.15	19.17	19.09	20.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.13	19.17	19.18	20.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.12	19.17	19.15	20.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.13	19.09	19.17	20.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.16	19.14	19.17	20.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.11	19.16	19.14	20.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.16	19.12	19.07	20.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.16	19.12	19.20	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.92	20.93	20.44	21.00
100		1	137	20.43	20.47	19.91	21.00
100		1	271	19.86	19.99	19.49	21.00
100	PI/2 BPSK	135	0	20.51	20.56	20.48	21.00
100		135	69	20.61	20.65	20.08	21.00
100		135	138	20.34	20.40	19.78	21.00
100		270	0	20.46	20.52	19.96	21.00
100		1	1	20.60	20.73	20.12	21.00
100		1	137	20.28	20.42	19.87	21.00
100		1	271	19.87	19.96	19.43	21.00
100	QPSK	135	0	20.60	20.67	20.04	21.00
100		135	69	20.34	20.44	19.84	21.00
100		135	138	20.09	20.18	19.69	21.00
100		270	0	20.46	20.54	19.98	21.00
100	16QAM	1	1	20.71	20.86	20.24	21.00
100	64QAM	1	1	20.36	20.52	20.00	21.00
100	256QAM	1	1	18.90	19.06	18.58	20.00
Channel				518020	518598	520996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.81	20.80	20.31	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.83	20.89	20.43	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.83	20.85	20.39	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.86	20.80	20.33	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.77	20.81	20.37	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.79	20.88	20.36	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.88	20.81	20.32	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.78	20.89	20.31	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.87	20.89	20.42	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.80	20.91	20.36	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.85	20.83	20.42	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.81	20.87	20.31	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.82	20.83	20.35	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.65	23.68	23.26	24.00
100		1	137	23.10	23.25	22.77	24.00
100		1	271	22.71	22.77	22.23	24.00
100	PI/2 BPSK	135	0	23.06	23.16	22.66	23.50
100		135	69	23.18	23.33	22.90	24.00
100		135	138	22.62	22.68	22.20	23.50
100		270	0	22.92	23.05	22.59	23.50
100		1	1	23.36	23.44	22.93	24.00
100		1	137	22.70	22.74	22.19	24.00
100		1	271	22.52	22.70	22.22	24.00
100	QPSK	135	0	22.47	22.60	22.12	23.00
100		135	69	23.30	23.37	22.87	24.00
100		135	138	22.15	22.23	21.79	23.00
100		270	0	22.42	22.57	22.15	23.00
100	16QAM	1	1	22.69	22.74	22.28	23.00
100	64QAM	1	1	20.18	20.30	19.84	21.50
100	256QAM	1	1	16.28	16.41	16.02	17.50
Channel				518020	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.62	23.65	23.23	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.52	23.66	23.21	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.60	23.66	23.23	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.53	23.60	23.14	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.61	23.60	23.23	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.56	23.54	23.17	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.60	23.19	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.55	23.54	23.21	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.51	23.64	23.12	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.54	23.54	23.24	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.62	23.58	23.14	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.58	23.58	23.17	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.54	23.66	23.14	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	13.77	13.82	13.74	14.70
40		1	53	13.55	13.67	13.55	14.70
40		1	104	13.58	13.57	13.52	14.70
40	PI/2 BPSK	50	0	13.51	13.53	13.58	14.70
40		50	28	13.71	13.79	13.65	14.70
40		50	56	13.55	13.59	13.50	14.70
40		100	0	13.65	13.76	13.62	14.70
40		1	1	13.52	13.66	13.54	14.70
40		1	53	13.54	13.59	13.53	14.70
40		1	104	13.53	13.67	13.54	14.70
40	QPSK	50	0	13.61	13.73	13.56	14.70
40		50	28	13.57	13.75	13.65	14.70
40		50	56	13.58	13.65	13.54	14.70
40		100	0	13.61	13.64	13.54	14.70
40	16QAM	1	1	13.61	13.75	13.55	14.70
40	64QAM	1	1	13.66	13.73	13.62	14.70
40	256QAM	1	1	13.65	13.72	13.53	14.70
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	13.63	13.72	13.64	14.70
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3561.01	3624.99	3690	
20	PI/2 BPSK	1	1	13.74	13.71	13.72	14.70
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	13.67	13.78	13.69	14.70
Channel				637001	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	13.67	13.73	13.72	14.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		13.38		14.40
100		1	137		13.33		14.40
100		1	271		13.34		14.40
100	PI/2 BPSK	135	0		13.28		14.40
100		135	69		13.35		14.40
100		135	138		13.22		14.40
100		270	0		13.31		14.40
100		1	1		13.28		14.40
100		1	137		13.20		14.40
100		1	271		13.28		14.40
100	QPSK	135	0		13.29		14.40
100		135	69		13.19		14.40
100		135	138		13.29		14.40
100		270	0		13.26		14.40
100	16QAM	1	1		13.28		14.40
100	64QAM	1	1		13.27		14.40
100	256QAM	1	1		13.19		14.40
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.28	13.30	13.25	14.40
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.19	13.20	13.19	14.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.23	13.28	13.19	14.40
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.25	13.23	13.11	14.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.23	13.25	13.12	14.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.21	13.20	13.10	14.40
Channel				631000	633332	635664	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.25	13.27	13.24	14.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	13.19	13.16	13.16	14.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.26	13.25	13.15	14.40
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.25	13.22	13.19	14.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.22	13.16	13.19	14.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.36		17.40
100		1	137		16.33		17.40
100		1	271		16.33		17.40
100		135	0		16.25		17.40
100		135	69		16.33		17.40
100		135	138		16.21		17.40
100		270	0		16.32		17.40
100	QPSK	1	1		16.23		17.40
100		1	137		16.26		17.40
100		1	271		16.25		17.40
100		135	0		16.26		17.40
100		135	69		16.26		17.40
100		135	138		16.25		17.40
100		270	0		16.24		17.40
100	16QAM	1	1		16.28		17.40
100	64QAM	1	1		16.24		17.40
100	256QAM	1	1		16.23		17.40
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.27	16.31	16.24	17.40
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.20	16.21	16.11	17.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.16	16.20	16.14	17.40
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.25	16.17	16.20	17.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.21	16.22	16.21	17.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.23	16.27	16.19	17.40
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.25	16.22	16.16	17.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.16	16.19	16.22	17.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.18	16.24	16.15	17.40
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.20	16.23	16.14	17.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.21	16.23	16.16	17.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	13.67	13.65	13.78	13.71	14.40
100		1	137	13.57	13.44	13.67	13.67	14.40
100		1	271	13.47	13.47	13.65	13.58	14.40
100		135	0	13.42	13.50	13.62	13.64	14.40
100		135	69	13.55	13.55	13.67	13.65	14.40
100		135	138	13.36	13.31	13.57	13.46	14.40
100		270	0	13.47	13.47	13.66	13.57	14.40
100	QPSK	1	1	13.47	13.41	13.61	13.42	14.40
100		1	137	13.48	13.40	13.58	13.48	14.40
100		1	271	13.45	13.35	13.56	13.42	14.40
100		135	0	13.55	13.44	13.66	13.66	14.40
100		135	69	13.42	13.37	13.55	13.40	14.40
100		135	138	13.44	13.43	13.64	13.53	14.40
100		270	0	13.36	13.45	13.60	13.45	14.40
100	16QAM	1	1	13.46	13.40	13.58	13.40	14.40
100	64QAM	1	1	13.50	13.55	13.68	13.49	14.40
100	256QAM	1	1	13.34	13.48	13.54	13.32	14.40
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	13.61	13.53	13.73	13.65	14.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3935.99	
80	PI/2 BPSK	1	1	13.60	13.54	13.67	13.60	14.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	13.65	13.52	13.76	13.76	14.40
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	13.62	13.62	13.63	13.60	14.40
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	13.62	13.64	13.76	13.77	14.40
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	13.52	13.58	13.67	13.72	14.40
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	13.58	13.51	13.75	13.78	14.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	13.57	13.54	13.64	13.61	14.40
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	13.57	13.60	13.65	13.61	14.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	13.62	13.57	13.66	13.57	14.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	13.63	13.55	13.72	13.72	14.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	16.62	16.65	16.75	16.71	17.40
100		1	137	16.60	16.43	16.64	16.65	17.40
100		1	271	16.44	16.41	16.63	16.47	17.40
100	PI/2 BPSK	135	0	16.42	16.51	16.58	16.57	17.40
100		135	69	16.55	16.52	16.67	16.56	17.40
100		135	138	16.34	16.30	16.54	16.49	17.40
100		270	0	16.50	16.47	16.69	16.60	17.40
100		1	1	16.41	16.41	16.64	16.65	17.40
100		1	137	16.47	16.44	16.60	16.58	17.40
100		1	271	16.45	16.35	16.58	16.59	17.40
100	QPSK	135	0	16.60	16.38	16.66	16.48	17.40
100		135	69	16.41	16.36	16.62	16.52	17.40
100		135	138	16.43	16.36	16.67	16.67	17.40
100		270	0	16.40	16.45	16.55	16.40	17.40
100	16QAM	1	1	16.49	16.36	16.57	16.35	17.40
100	64QAM	1	1	16.51	16.51	16.68	16.63	17.40
100	256QAM	1	1	16.35	16.45	16.58	16.54	17.40
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.60	16.57	16.71	16.68	17.40
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	16.60	16.53	16.71	16.62	17.40
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.57	16.51	16.71	16.66	17.40
Channel				649968	655500	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	16.56	16.54	16.69	16.67	17.40
Channel				649334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.60	16.58	16.63	16.73	17.40
Channel				649000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.51	16.61	16.68	16.56	17.40
Channel				647968	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.59	16.58	16.62	16.73	17.40
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.49	16.50	16.73	16.66	17.40
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.52	16.56	16.74	16.54	17.40
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.54	16.56	16.63	16.66	17.40
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.56	16.61	16.66	16.75	17.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		13.26		14.40
100		1	137		13.26		14.40
100		1	271		13.30		14.40
100	PI/2 BPSK	135	0		13.22		14.40
100		135	69		13.27		14.40
100		135	138		13.15		14.40
100		270	0		13.26		14.40
100		1	1		13.18		14.40
100		1	137		13.14		14.40
100		1	271		13.18		14.40
100	QPSK	135	0		13.21		14.40
100		135	69		13.10		14.40
100		135	138		13.21		14.40
100		270	0		13.11		14.40
100	16QAM	1	1		13.18		14.40
100	64QAM	1	1		13.19		14.40
100	256QAM	1	1		13.14		14.40
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	243	13.18	13.22	13.20	14.40
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	215	13.07	13.17	13.15	14.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	187	13.08	13.19	13.11	14.40
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	160	13.12	13.15	13.09	14.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3524	
50	PI/2 BPSK	1	131	13.04	13.18	13.08	14.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	104	13.07	13.11	13.10	14.40
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	76	13.11	13.10	13.18	14.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	63	13.12	13.18	13.08	14.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	49	13.09	13.09	13.06	14.40
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	36	13.09	13.09	13.06	14.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	22	13.10	13.10	13.07	14.40

<FR1 n78 (27Q)_HPUE_Ant 8_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.29		17.40
100		1	137		16.24		17.40
100		1	271		16.23		17.40
100	Pi/2 BPSK	135	0		16.18		17.40
100		135	69		16.26		17.40
100		135	138		16.07		17.40
100		270	0		16.21		17.40
100		1	1		16.22		17.40
100		1	137		16.14		17.40
100		1	271		16.15		17.40
100	QPSK	135	0		16.21		17.40
100		135	69		16.17		17.40
100		135	138		16.18		17.40
100		270	0		16.13		17.40
100	16QAM	1	1		16.18		17.40
100	64QAM	1	1		16.20		17.40
100	256QAM	1	1		16.16		17.40
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	16.22	16.27	16.19	17.40
Channel				632968	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.32	3499.98	3516	
80	Pi/2 BPSK	1	1	16.13	16.21	16.09	17.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	16.08	16.18	16.14	17.40
Channel				632002	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	16.11	16.22	16.14	17.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	16.12	16.26	16.09	17.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	16.19	16.20	16.11	17.40
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	16.20	16.19	16.04	17.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	16.10	16.15	16.06	17.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	16.12	16.14	16.11	17.40
Channel				630502	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	16.13	16.23	16.12	17.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	16.16	16.16	16.08	17.40

<FR1 n78 (27O)_Ant 8_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		13.26		14.40
100		1	137		13.20		14.40
100		1	271		13.20		14.40
100	Pi/2 BPSK	135	0		13.14		14.40
100		135	69		13.12		14.40
100		135	138		13.10		14.40
100		270	0		13.14		14.40
100		1	1		13.08		14.40
100		1	137		13.07		14.40
100		1	271		13.08		14.40
100	QPSK	135	0		13.11		14.40
100		135	69		13.03		14.40
100		135	138		13.11		14.40
100		270	0		13.07		14.40
100	16QAM	1	1		13.07		14.40
100	64QAM	1	1		13.11		14.40
100	256QAM	1	1		13.07		14.40
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	13.14	13.18	13.17	14.40
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	13.03	13.13	13.15	14.40
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	13.12	13.14	13.05	14.40
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	13.12	13.05	13.13	14.40
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	13.05	13.15	13.10	14.40
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	12.99	13.04	13.03	14.40
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	12.99	13.04	13.04	14.40
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	13.09	13.10	13.07	14.40
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	13.05	13.08	13.09	14.40
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	13.13	13.13	13.15	14.40
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	13.04	13.17	13.05	14.40

<FR1 n78 (27O)_HPUE_Ant 8_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		16.25		17.40
100		1	137		16.23		17.40
100		1	271		16.20		17.40
100	PI/2 BPSK	135	0		16.14		17.40
100		135	69		16.16		17.40
100		135	138		16.12		17.40
100		270	0		16.13		17.40
100		1	1		16.04		17.40
100		1	137		16.06		17.40
100		1	271		16.13		17.40
100	QPSK	135	0		16.12		17.40
100		135	69		16.03		17.40
100		135	138		16.14		17.40
100		270	0		16.10		17.40
100	16QAM	1	1		16.10		17.40
100	64QAM	1	1		16.06		17.40
100	256QAM	1	1		16.13		17.40
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.11	16.14	16.12	17.40
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.05	16.02	16.10	17.40
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.05	16.11	16.07	17.40
Channel				648665	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.04	16.09	16.06	17.40
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.02	16.07	16.08	17.40
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.08	16.09	16.09	17.40
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	15.97	16.01	16.03	17.40
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.10	16.09	15.99	17.40
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.99	16.04	16.04	17.40
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.04	16.13	16.10	17.40
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.04	16.10	15.98	17.40

<FR1 n2_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	21.39	21.43	21.41	22.30
40		1	108	21.07	21.03	20.91	22.30
40		1	214	21.04	21.06	21.11	22.30
40	PI/2 BPSK	108	0	21.10	21.18	21.15	22.30
40		108	54	21.30	21.41	21.36	22.30
40		108	108	20.98	21.16	20.99	22.30
40		216	0	21.20	21.39	21.05	22.30
40		1	1	20.94	21.05	20.90	22.30
40		1	108	21.07	21.33	21.12	22.30
40		1	214	21.01	21.09	20.90	22.30
40	QPSK	108	0	21.23	21.32	21.08	22.30
40		108	54	21.08	21.16	20.97	22.30
40		108	108	21.07	21.14	20.89	22.30
40		216	0	21.12	21.28	20.99	22.30
40	16QAM	1	1	20.89	21.12	20.82	22.30
40	64QAM	1	1	20.11	20.31	20.07	21.50
40	256QAM	1	1	18.09	18.17	18.19	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	21.35	21.39	21.29	22.30
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	21.36	21.39	21.36	22.30
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.25	21.30	21.30	22.30
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.34	21.35	21.37	22.30
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.37	21.33	21.28	22.30
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.26	21.36	21.28	22.30
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.37	21.32	21.37	22.30

<FR1 n5_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	23.06	23.10	23.09	24.00
20		1	53	22.96	23.06	22.95	24.00
20		1	104	22.93	23.05	22.95	24.00
20	PI/2 BPSK	50	0	22.39	22.52	22.37	23.50
20		50	28	22.92	23.05	23.00	24.00
20		50	56	22.36	22.47	22.33	23.50
20		100	0	22.38	22.55	22.51	23.50
20		1	1	22.91	23.09	22.98	24.00
20		1	53	22.85	23.03	22.88	24.00
20		1	104	23.02	23.08	23.02	24.00
20	QPSK	50	0	21.95	22.01	21.93	23.00
20		50	28	22.90	23.04	23.00	24.00
20		50	56	21.81	21.97	21.84	23.00
20		100	0	21.87	22.02	21.93	23.00
20	16QAM	1	1	22.15	22.22	22.14	23.00
20	64QAM	1	1	20.28	20.37	20.21	21.50
20	256QAM	1	1	18.32	18.38	18.33	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.92	23.00	22.96	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.96	23.00	22.96	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.02	23.01	23.08	24.00

<FR1 n12_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	23.05	23.13	23.11	24.00
15		1	40	22.93	23.03	22.93	24.00
15		1	77	22.90	23.03	22.87	24.00
15	Pi/2 BPSK	36	0	22.34	22.53	22.49	23.50
15		36	22	22.82	22.99	22.83	24.00
15		36	43	22.42	22.56	22.47	23.50
15		75	0	22.46	22.56	22.43	23.50
15		1	1	22.91	23.12	22.97	24.00
15		1	40	22.87	23.03	22.89	24.00
15		1	77	22.92	23.08	23.00	24.00
15	QPSK	36	0	21.94	22.03	21.99	23.00
15		36	22	22.76	22.96	22.82	24.00
15		36	43	21.90	22.06	21.89	23.00
15		75	0	21.85	22.06	21.90	23.00
15	16QAM	1	1	22.06	22.27	22.13	23.00
15	64QAM	1	1	20.25	20.46	20.38	21.50
15	256QAM	1	1	18.41	18.53	18.37	19.50
Channel				140900	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	Pi/2 BPSK	1	1	22.90	23.02	23.05	24.00

<FR1 n13_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158400		
Frequency (MHz)					792		
10		1	1		23.15		24.00
10		1	26		23.07		24.00
10		1	50		23.06		24.00
10	Pi/2 BPSK	25	0		22.53		23.50
10		25	14		23.07		24.00
10		25	27		22.61		23.50
10		50	0		22.56		23.50
10		1	1		23.14		24.00
10		1	26		23.07		24.00
10		1	50		23.08		24.00
10	QPSK	25	0		22.01		23.00
10		25	14		23.05		24.00
10		25	27		22.09		23.00
10		50	0		22.05		23.00
10	16QAM	1	1		22.22		23.00
10	64QAM	1	1		20.38		21.50
10	256QAM	1	1		18.45		19.50
Channel				155900	158400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	792	784.5	
5	Pi/2 BPSK	1	1	23.08	23.12	23.11	24.00

<FR1 n14_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	Pi/2 BPSK	1	1		23.15		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.60		23.50
10		25	14		23.07		24.00
10		25	27		22.54		23.50
10		50	0		22.59		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.09		23.00
10		25	14		23.08		24.00
10		25	27		22.04		23.00
10		50	0		22.06		23.00
10	16QAM	1	1		22.27		23.00
10	64QAM	1	1		20.48		21.50
10	256QAM	1	1		18.54		19.50
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	Pi/2 BPSK	1	1	23.08	23.10	23.01	24.00

<FR1 n25_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	21.43	21.47	21.42	22.30
40		1	108	21.08	21.14	21.02	22.30
40		1	214	21.11	21.25	21.19	22.30
40		108	0	21.19	21.31	21.22	22.30
40		108	54	21.41	21.44	21.40	22.30
40		108	108	21.13	21.28	21.12	22.30
40		216	0	21.27	21.41	21.23	22.30
40	QPSK	1	1	21.14	21.19	21.04	22.30
40		1	108	21.19	21.33	21.21	22.30
40		1	214	21.17	21.27	21.07	22.30
40		108	0	21.28	21.36	21.22	22.30
40		108	54	21.12	21.20	21.03	22.30
40		108	108	21.14	21.22	21.03	22.30
40		216	0	21.25	21.37	21.19	22.30
40	16QAM	1	1	21.01	21.15	20.97	22.30
40	64QAM	1	1	20.16	20.32	20.24	21.50
40	256QAM	1	1	18.16	18.27	18.21	19.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	21.36	21.45	21.32	22.30
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	21.39	21.42	21.29	22.30
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	21.38	21.44	21.31	22.30
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	21.30	21.46	21.36	22.30
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	21.31	21.36	21.29	22.30
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	21.41	21.34	21.30	22.30
Channel				370550	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	21.36	21.36	21.35	22.30

<FR1 n26_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164900	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	23.13	23.15	23.11	24.00
20		1	53	23.03	23.10	22.99	24.00
20		1	104	22.99	23.08	23.01	24.00
20	PI/2 BPSK	50	0	22.45	22.61	22.55	23.50
20		50	28	22.94	23.10	22.94	24.00
20		50	56	22.58	22.62	22.51	23.50
20		100	0	22.45	22.61	22.50	23.50
20		1	1	23.05	23.13	22.99	24.00
20		1	53	22.95	23.08	23.00	24.00
20		1	104	23.02	23.08	22.92	24.00
20	QPSK	50	0	22.02	22.11	21.97	23.00
20		50	28	22.93	23.07	22.91	24.00
20		50	56	21.93	22.09	21.99	23.00
20		100	0	22.02	22.12	22.04	23.00
20	16QAM	1	1	22.23	22.28	22.16	23.00
20	64QAM	1	1	20.40	20.43	20.26	21.50
20	256QAM	1	1	18.37	18.44	18.26	19.50
Channel				164900	166300	167800	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.04	23.12	22.97	24.00
Channel				163900	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.00	23.11	22.97	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.09	23.13	22.99	24.00

<FR1 n66_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				345500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	20.26	20.30	20.11	21.40
45		1	120	20.01	20.15	19.91	21.40
45		1	240	19.96	20.10	19.83	21.40
45	PI/2 BPSK	120	0	19.91	20.09	19.84	21.40
45		120	60	20.21	20.27	20.08	21.40
45		120	120	19.98	20.14	19.87	21.40
45		240	0	20.14	20.21	19.97	21.40
45		1	1	19.84	19.92	19.63	21.40
45		1	120	19.94	20.11	19.88	21.40
45		1	240	19.96	20.01	19.73	21.40
45	QPSK	120	0	19.90	20.07	19.81	21.40
45		120	60	20.05	20.12	19.88	21.40
45		120	120	19.99	20.14	19.83	21.40
45		240	0	20.01	20.12	19.82	21.40
45	16QAM	1	1	19.85	20.02	19.70	21.40
45	64QAM	1	1	19.91	19.99	19.78	21.00
45	256QAM	1	1	18.25	18.36	18.06	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	20.23	20.19	20.03	21.40
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.19	20.19	20.02	21.40
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	20.23	20.18	20.10	21.40
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	20.24	20.16	19.97	21.40
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.21	20.16	20.09	21.40
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.24	20.20	19.97	21.40
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.16	20.26	20.01	21.40
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.14	20.21	20.03	21.40

<FR1 n70_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15		1	1		20.92		22.10
15		1	40		20.85		22.10
15		1	77		20.79		22.10
15	Pi/2 BPSK	36	0		20.62		22.10
15		36	22		20.67		22.10
15		36	43		20.69		22.10
15		75	0		20.85		22.10
15		1	1		20.85		22.10
15		1	40		20.76		22.10
15		1	77		20.67		22.10
15	QPSK	36	0		20.63		22.10
15		36	22		20.84		22.10
15		36	43		20.78		22.10
15		75	0		20.81		22.10
15	16QAM	1	1		20.64		22.10
15	64QAM	1	1		20.35		21.50
15	256QAM	1	1		18.21		19.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	Pi/2 BPSK	1	1	20.85	20.88	20.86	22.10
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	Pi/2 BPSK	1	1	20.77	20.75	20.73	22.10

<FR1 n71_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35		1	1		23.12		24.00
35		1	99		23.04		24.00
35		1	186		23.05		24.00
35	Pi/2 BPSK	90	0		22.58		23.50
35		90	45		23.10		24.00
35		90	90		22.59		23.50
35		180	0		22.59		23.50
35		1	1		23.05		24.00
35		1	99		23.04		24.00
35		1	186		23.06		24.00
35	QPSK	90	0		22.07		23.00
35		90	45		23.10		24.00
35		90	90		22.07		23.00
35		180	0		22.12		23.00
35	16QAM	1	1		22.19		23.00
35	64QAM	1	1		20.40		21.50
35	256QAM	1	1		18.41		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	Pi/2 BPSK	1	1	23.05	23.10	23.08	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	Pi/2 BPSK	1	1	22.99	22.98	23.01	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	Pi/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	Pi/2 BPSK	1	1	22.96	23.03	23.01	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	Pi/2 BPSK	1	1	22.96	23.07	23.01	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	Pi/2 BPSK	1	1	22.99	22.95	22.96	24.00

<GSM>

GSM850_Ant 0_ECI 6	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.20	32.42	32.26	33.50	23.20	23.42	23.26	24.50
GPRS 1 Tx slot	32.17	32.39	32.23	33.50	23.17	23.39	23.23	24.50
GPRS 2 Tx slots	31.18	31.39	31.27	32.50	25.18	25.39	25.27	26.50
GPRS 3 Tx slots	29.14	29.36	29.16	30.50	24.88	25.10	24.90	26.24
GPRS 4 Tx slots	28.03	28.08	27.81	29.50	25.03	25.08	24.81	26.50
EDGE 1 Tx slot	27.28	27.29	27.21	28.50	18.28	18.29	18.21	19.50
EDGE 2 Tx slots	26.09	26.08	26.03	27.00	20.09	20.08	20.03	21.00
EDGE 3 Tx slots	23.97	23.82	23.78	25.00	19.71	19.56	19.52	20.74
EDGE 4 Tx slots	22.56	22.44	22.35	23.50	19.56	19.44	19.35	20.50

<GSM>

GSM1900_Ant 0_ECI 6	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.26	29.32	29.42	30.50	20.26	20.32	20.42	21.50
GPRS 1 Tx slot	29.24	29.28	29.40	30.50	20.24	20.28	20.40	21.50
GPRS 2 Tx slots	28.38	28.52	28.42	29.50	22.38	22.52	22.42	23.50
GPRS 3 Tx slots	26.50	26.50	26.57	27.50	22.24	22.24	22.31	23.24
GPRS 4 Tx slots	25.28	25.30	25.27	26.00	22.28	22.30	22.27	23.00
EDGE 1 Tx slot	26.44	26.40	26.46	27.50	17.44	17.40	17.46	18.50
EDGE 2 Tx slots	25.21	25.16	25.19	26.00	19.21	19.16	19.19	20.00
EDGE 3 Tx slots	22.92	22.92	22.86	24.00	18.66	18.66	18.60	19.74
EDGE 4 Tx slots	21.77	21.62	21.57	22.50	18.77	18.62	18.57	19.50

<WCDMA>

Band		WCDMA II_Ant 0_ECI 6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.55	22.58	22.41	24.00
	RMC 12.2Kbps	22.58	22.62	22.44	24.00
3GPP Rel 6	HSDPA Subtest-1	22.07	22.25	22.20	23.00
	HSDPA Subtest-2	22.15	22.29	22.25	23.00
	HSDPA Subtest-3	21.60	21.81	21.74	22.50
	HSDPA Subtest-4	21.58	21.77	21.70	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.07	22.31	22.18	23.00
	DC-HSDPA Subtest-2	22.05	22.22	22.07	23.00
	DC-HSDPA Subtest-3	21.49	21.71	21.61	22.50
	DC-HSDPA Subtest-4	21.49	21.75	21.65	22.50
3GPP Rel 6	HSUPA Subtest-1	22.15	22.29	22.23	23.00
	HSUPA Subtest-2	20.03	20.25	20.14	21.00
	HSUPA Subtest-3	21.12	21.30	21.23	22.00
	HSUPA Subtest-4	20.05	20.28	20.25	21.00
	HSUPA Subtest-5	22.12	22.25	22.22	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.57	19.71	19.59	20.50

<WCDMA>

Band		WCDMA IV_Ant 0_ECI 6			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.12	23.14	23.10	24.00
	RMC 12.2Kbps	23.14	23.15	23.12	24.00
3GPP Rel 6	HSDPA Subtest-1	21.83	22.00	21.87	23.00
	HSDPA Subtest-2	21.90	22.06	22.00	23.00
	HSDPA Subtest-3	21.62	21.75	21.64	22.50
	HSDPA Subtest-4	21.54	21.57	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.97	22.09	22.03	23.00
	DC-HSDPA Subtest-2	21.94	22.04	21.91	23.00
	DC-HSDPA Subtest-3	21.48	21.64	21.50	22.50
	DC-HSDPA Subtest-4	21.50	21.61	21.47	22.50
3GPP Rel 6	HSUPA Subtest-1	22.14	22.24	22.07	23.00
	HSUPA Subtest-2	20.05	20.17	20.05	21.00
	HSUPA Subtest-3	20.99	21.15	21.08	22.00
	HSUPA Subtest-4	20.05	20.12	19.97	21.00
	HSUPA Subtest-5	21.90	22.04	21.96	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.38	19.49	19.33	20.50

<WCDMA>

Band		WCDMA V_Ant 0_ECI 6			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.32	23.15	24.00
	RMC 12.2Kbps	23.33	23.34	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.03	23.00
	HSDPA Subtest-2	22.23	22.33	22.12	23.00
	HSDPA Subtest-3	21.63	21.73	21.51	22.50
	HSDPA Subtest-4	21.73	21.77	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.10	22.25	22.06	23.00
	DC-HSDPA Subtest-2	22.16	22.26	21.97	23.00
	DC-HSDPA Subtest-3	21.60	21.65	21.45	22.50
	DC-HSDPA Subtest-4	21.72	21.75	21.51	22.50
3GPP Rel 6	HSUPA Subtest-1	22.10	22.19	21.90	23.00
	HSUPA Subtest-2	20.13	20.19	19.94	21.00
	HSUPA Subtest-3	21.32	21.37	21.08	22.00
	HSUPA Subtest-4	20.32	20.38	20.16	21.00
	HSUPA Subtest-5	22.18	22.21	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.79	19.49	20.50

<LTE Band 7_Ant 1_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.11	22.17	22.09	23.10
20		1	49	21.90	22.03	21.89	23.10
20		1	99	21.98	22.11	22.01	23.10
20		50	0	21.62	21.66	21.58	23.00
20		50	24	21.59	21.64	21.53	23.00
20		50	50	21.52	21.57	21.37	23.00
20		100	0	21.46	21.62	21.43	23.00
20	16QAM	1	0	21.92	22.00	21.76	23.00
20		1	49	21.85	21.91	21.66	23.00
20		1	99	21.75	21.82	21.70	23.00
20		50	0	20.61	20.65	20.44	22.00
20		50	24	20.56	20.67	20.48	22.00
20		50	50	20.59	20.67	20.56	22.00
20		100	0	20.64	20.70	20.51	22.00
20	64QAM	1	0	20.80	20.89	20.72	22.00
20		1	49	20.82	20.86	20.66	22.00
20		1	99	20.78	20.82	20.60	22.00
20		50	0	19.60	19.73	19.50	21.00
20		50	24	19.64	19.72	19.51	21.00
20		50	50	19.53	19.68	19.58	21.00
20		100	0	19.62	19.70	19.49	21.00
20	256QAM	1	0	17.67	17.77	17.63	19.00
20		1	49	17.66	17.80	17.65	19.00
20		1	99	17.65	17.73	17.54	19.00
20		50	0	17.55	17.69	17.59	19.00
20		50	24	17.59	17.70	17.48	19.00
20		50	50	17.57	17.67	17.54	19.00
20		100	0	17.64	17.70	17.53	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.96	22.12	22.00	23.10
15		1	37	21.83	21.94	21.87	23.10
15		1	74	21.91	22.04	21.86	23.10
15		36	0	21.45	21.56	21.34	23.00
15		36	20	21.53	21.50	21.47	23.00
15		36	39	21.42	21.50	21.32	23.00
15		75	0	21.36	21.57	21.41	23.00
15	16QAM	1	0	21.84	21.92	21.67	23.00
15		1	37	21.76	21.86	21.61	23.00
15		1	74	21.70	21.89	21.67	23.00
15		36	0	20.54	20.57	20.38	22.00
15		36	20	20.45	20.83	20.41	22.00
15		36	39	20.47	20.63	20.41	22.00
15		75	0	20.61	20.67	20.42	22.00
15	64QAM	1	0	20.67	20.85	20.62	22.00
15		1	37	20.70	20.81	20.57	22.00
15		1	74	20.68	20.77	20.55	22.00
15		36	0	19.56	19.63	19.43	21.00
15		36	20	19.50	19.62	19.46	21.00
15		36	39	19.48	19.60	19.47	21.00
15		75	0	19.59	19.65	19.38	21.00
15	256QAM	1	0	17.65	17.65	17.61	19.00
15		1	37	17.54	17.71	17.62	19.00
15		1	74	17.51	17.59	17.53	19.00
15		36	0	17.53	17.57	17.46	19.00
15		36	20	17.46	17.67	17.41	19.00
15		36	39	17.45	17.62	17.49	19.00
15		75	0	17.54	17.61	17.47	19.00
Channel				20800	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	22.07	22.06	22.00	23.10
10		1	25	21.88	21.91	21.84	23.10
10		1	49	21.84	22.09	21.92	23.10
10		25	0	21.46	21.55	21.34	23.00
10		25	12	21.46	21.59	21.45	23.00
10		25	25	21.40	21.50	21.23	23.00
10		50	0	21.36	21.53	21.37	23.00
10	16QAM	1	0	21.83	21.85	21.64	23.00
10		1	25	21.74	21.83	21.58	23.00
10		1	49	21.70	21.75	21.66	23.00
10		25	0	20.55	20.61	20.41	22.00
10		25	12	20.53	20.54	20.34	22.00
10		25	25	20.56	20.53	20.53	22.00
10		50	0	20.49	20.65	20.46	22.00
10	64QAM	1	0	20.68	20.78	20.64	22.00
10		1	25	20.76	20.84	20.53	22.00
10		1	49	20.70	20.81	20.54	22.00
10		25	0	19.55	19.69	19.40	21.00
10		25	12	19.55	19.66	19.47	21.00
10		25	25	19.51	19.66	19.47	21.00
10		50	0	19.56	19.67	19.40	21.00
10	256QAM	1	0	17.60	17.62	17.56	19.00
10		1	25	17.52	17.77	17.64	19.00
10		1	49	17.62	17.63	17.41	19.00
10		25	0	17.52	17.56	17.46	19.00
10		25	12	17.54	17.59	17.36	19.00
10		25	25	17.55	17.63	17.51	19.00
10		50	0	17.57	17.57	17.44	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	22.07	22.15	22.07	23.10
5		1	12	21.76	21.95	21.83	23.10
5		1	24	21.83	21.98	21.89	23.10
5		12	0	21.39	21.55	21.39	23.00
5		12	7	21.50	21.59	21.41	23.00
5		12	13	21.45	21.55	21.27	23.00
5		25	0	21.42	21.50	21.29	23.00
5	16QAM	1	0	21.84	21.97	21.67	23.00
5		1	12	21.80	21.76	21.55	23.00
5		1	24	21.61	21.80	21.66	23.00
5		12	0	20.58	20.62	20.29	22.00
5		12	7	20.45	20.63	20.45	22.00
5		12	13	20.47	20.58	20.46	22.00
5		25	0	20.60	20.64	20.47	22.00
5	64QAM	1	0	20.77	20.78	20.63	22.00
5		1	12	20.74	20.79	20.57	22.00
5		1	24	20.64	20.81	20.57	22.00
5		12	0	19.59	19.68	19.43	21.00
5		12	7	19.61	19.58	19.37	21.00
5		12	13	19.42	19.56	19.52	21.00
5		25	0	19.48	19.58	19.41	21.00
5	256QAM	1	0	17.65	17.73	17.59	19.00
5		1	12	17.58	17.75	17.55	19.00
5		1	24	17.54	17.69	17.44	19.00
5		12	0	17.45	17.65	17.55	19.00
5		12	7	17.53	17.57	17.33	19.00
5		12	13	17.55	17.52	17.46	19.00
5		25	0	17.62	17.56	17.43	19.00

<LTE Band 30_Ant 1_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.97		23.10
10		1	25		21.88		23.10
10		1	49		21.77		23.10
10		25	0		21.95		23.00
10		25	12		21.81		23.00
10		25	25		21.90		23.00
10		50	0		21.91		23.00
10	16QAM	1	0		21.91		23.00
10		1	25		21.81		23.00
10		1	49		21.78		23.00
10		25	0		20.66		22.00
10		25	12		20.59		22.00
10		25	25		20.58		22.00
10		50	0		20.49		22.00
10	64QAM	1	0		20.83		22.00
10		1	25		20.89		22.00
10		1	49		20.75		22.00
10		25	0		19.52		21.00
10		25	12		19.51		21.00
10		25	25		19.50		21.00
10		50	0		19.72		21.00
10	256QAM	1	0		17.75		19.00
10		1	25		17.61		19.00
10		1	49		17.66		19.00
10		25	0		17.70		19.00
10		25	12		17.72		19.00
10		25	25		17.61		19.00
10		50	0		17.54		19.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.85	21.93	21.90	23.10
5		1	12	21.64	21.74	21.59	23.10
5		1	24	21.61	21.75	21.65	23.10
5		12	0	21.69	21.82	21.66	23.00
5		12	7	21.66	21.80	21.65	23.00
5		12	13	21.62	21.73	21.64	23.00
5		25	0	21.62	21.72	21.54	23.00
5	16QAM	1	0	21.67	21.72	21.82	23.00
5		1	12	21.53	21.75	21.63	23.00
5		1	24	21.57	21.67	21.62	23.00
5		12	0	20.49	20.61	20.56	22.00
5		12	7	20.31	20.43	20.37	22.00
5		12	13	20.34	20.55	20.41	22.00
5		25	0	20.16	20.38	20.20	22.00
5	64QAM	1	0	20.53	20.63	20.46	22.00
5		1	12	20.61	20.80	20.65	22.00
5		1	24	20.54	20.71	20.65	22.00
5		12	0	19.36	19.48	19.42	21.00
5		12	7	19.19	19.41	19.35	21.00
5		12	13	19.29	19.45	19.31	21.00
5		25	0	19.38	19.53	19.44	21.00
5	256QAM	1	0	17.50	17.65	17.58	19.00
5		1	12	17.39	17.53	17.37	19.00
5		1	24	17.42	17.63	17.54	19.00
5		12	0	17.36	17.57	17.49	19.00
5		12	7	17.42	17.55	17.37	19.00
5		12	13	17.19	17.42	17.27	19.00
5		25	0	17.30	17.41	17.30	19.00

<LTE Band 38_Ant 1_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.74	22.88	22.85	24.00
20		1	49	22.58	22.75	22.58	24.00
20		1	99	22.45	22.68	22.59	24.00
20		50	0	21.49	21.70	21.56	23.00
20		50	24	21.43	21.69	21.65	23.00
20		50	50	21.42	21.66	21.58	23.00
20		100	0	21.51	21.66	21.51	23.00
20	16QAM	1	0	21.58	21.76	21.64	23.00
20		1	49	21.51	21.73	21.60	23.00
20		1	99	21.47	21.63	21.55	23.00
20		50	0	20.58	20.76	20.60	22.00
20		50	24	20.51	20.72	20.59	22.00
20		50	50	20.44	20.70	20.61	22.00
20		100	0	20.54	20.74	20.65	22.00
20	64QAM	1	0	20.25	20.44	20.30	22.00
20		1	49	20.24	20.40	20.30	22.00
20		1	99	20.10	20.32	20.27	22.00
20		50	0	19.58	19.81	19.74	21.00
20		50	24	19.57	19.77	19.71	21.00
20		50	50	19.50	19.74	19.62	21.00
20		100	0	19.51	19.74	19.58	21.00
20	256QAM	1	0	17.36	17.59	17.55	19.00
20		1	49	17.36	17.56	17.51	19.00
20		1	99	17.38	17.50	17.35	19.00
20		50	0	17.66	17.84	17.80	19.00
20		50	24	17.55	17.80	17.73	19.00
20		50	50	17.58	17.79	17.70	19.00
20		100	0	17.52	17.72	17.64	19.00
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.68	22.80	22.75	24.00
15		1	37	22.45	22.64	22.55	24.00
15		1	74	22.35	22.59	22.56	24.00
15		36	0	21.42	21.58	21.47	23.00
15		36	20	21.40	21.63	21.61	23.00
15		36	39	21.37	21.57	21.48	23.00
15		75	0	21.44	21.62	21.38	23.00
15	16QAM	1	0	21.49	21.71	21.54	23.00
15		1	37	21.38	21.67	21.56	23.00
15		1	74	21.37	21.54	21.43	23.00
15		36	0	20.47	20.71	20.56	22.00
15		36	20	20.42	20.63	20.56	22.00
15		36	39	20.37	20.63	20.49	22.00
15		75	0	20.44	20.60	20.50	22.00
15	64QAM	1	0	20.12	20.35	20.20	22.00
15		1	37	20.22	20.29	20.19	22.00
15		1	74	20.00	20.25	20.18	22.00
15		36	0	19.48	19.69	19.60	21.00
15		36	20	19.54	19.64	19.64	21.00
15		36	39	19.37	19.65	19.47	21.00
15		75	0	19.42	19.72	19.46	21.00
15	256QAM	1	0	17.30	17.53	17.43	19.00
15		1	37	17.34	17.43	17.45	19.00
15		1	74	17.25	17.35	17.28	19.00
15		36	0	17.59	17.74	17.69	19.00
15		36	20	17.50	17.73	17.69	19.00
15		36	39	17.46	17.77	17.59	19.00
15		75	0	17.51	17.69	17.61	19.00
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.69	22.80	22.74	24.00
10		1	25	22.44	22.68	22.52	24.00
10		1	49	22.33	22.59	22.56	24.00
10		25	0	21.44	21.66	21.46	23.00
10		25	12	21.40	21.56	21.62	23.00
10		25	25	21.33	21.63	21.44	23.00
10		50	0	21.36	21.55	21.44	23.00
10	16QAM	1	0	21.55	21.66	21.59	23.00
10		1	25	21.40	21.66	21.53	23.00
10		1	49	21.42	21.61	21.41	23.00
10		25	0	20.54	20.74	20.53	22.00
10		25	12	20.40	20.62	20.54	22.00
10		25	25	20.30	20.66	20.48	22.00
10		50	0	20.52	20.71	20.56	22.00
10	64QAM	1	0	20.14	20.31	20.18	22.00
10		1	25	20.10	20.29	20.18	22.00
10		1	49	20.01	20.30	20.18	22.00
10		25	0	19.51	19.71	19.62	21.00
10		25	12	19.49	19.72	19.68	21.00
10		25	25	19.47	19.64	19.52	21.00
10		50	0	19.46	19.66	19.51	21.00
10	256QAM	1	0	17.29	17.56	17.41	19.00
10		1	25	17.32	17.44	17.43	19.00
10		1	49	17.30	17.45	17.24	19.00
10		25	0	17.58	17.71	17.75	19.00
10		25	12	17.54	17.67	17.60	19.00
10		25	25	17.54	17.70	17.66	19.00
10		50	0	17.50	17.65	17.60	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.59	22.80	22.77	24.00
5		1	12	22.47	22.72	22.49	24.00
5		1	24	22.40	22.57	22.47	24.00
5		12	0	21.43	21.64	21.44	23.00
5		12	7	21.29	21.64	21.55	23.00
5		12	13	21.33	21.52	21.53	23.00
5		25	0	21.38	21.63	21.49	23.00
5	16QAM	1	0	21.51	21.63	21.60	23.00
5		1	12	21.49	21.71	21.50	23.00
5		1	24	21.33	21.59	21.41	23.00
5		12	0	20.47	20.65	20.53	22.00
5		12	7	20.49	20.65	20.46	22.00
5		12	13	20.37	20.61	20.47	22.00
5		25	0	20.44	20.60	20.60	22.00
5	64QAM	1	0	20.17	20.29	20.28	22.00
5		1	12	20.20	20.34	20.25	22.00
5		1	24	20.02	20.23	20.21	22.00
5		12	0	19.51	19.71	19.68	21.00
5		12	7	19.47	19.66	19.60	21.00
5		12	13	19.36	19.66	19.57	21.00
5		25	0	19.50	19.66	19.53	21.00
5	256QAM	1	0	17.31	17.52	17.51	19.00
5		1	12	17.32	17.43	17.50	19.00
5		1	24	17.23	17.39	17.27	19.00
5		12	0	17.51	17.83	17.73	19.00
5		12	7	17.40	17.68	17.70	19.00
5		12	13	17.49	17.69	17.68	19.00
5		25	0	17.45	17.61	17.56	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.42	22.53	22.65	22.52	22.64	24.00
20		1	49	22.24	22.44	22.58	22.37	22.51	24.00
20		1	99	22.14	22.32	22.48	22.23	22.34	24.00
20		50	0	21.38	21.40	21.51	21.45	21.46	23.00
20		50	24	21.20	21.22	21.48	21.29	21.41	23.00
20		50	50	21.23	21.28	21.46	21.27	21.43	23.00
20		100	0	21.15	21.32	21.46	21.29	21.36	23.00
20	16QAM	1	0	21.31	21.32	21.55	21.31	21.41	23.00
20		1	49	21.25	21.39	21.54	21.38	21.47	23.00
20		1	99	21.19	21.34	21.47	21.23	21.44	23.00
20		50	0	20.29	20.39	20.56	20.39	20.48	22.00
20		50	24	20.15	20.27	20.50	20.30	20.35	22.00
20		50	50	20.28	20.32	20.50	20.28	20.40	22.00
20		100	0	20.25	20.36	20.54	20.39	20.46	22.00
20	64QAM	1	0	19.95	20.00	20.21	20.05	20.05	21.00
20		1	49	19.87	20.02	20.17	19.91	20.10	21.00
20		1	99	19.77	19.89	20.10	19.93	20.07	21.00
20		50	0	19.37	19.47	19.61	19.47	19.55	21.00
20		50	24	19.26	19.45	19.57	19.33	19.45	21.00
20		50	50	19.23	19.43	19.56	19.32	19.50	21.00
20		100	0	19.31	19.31	19.54	19.39	19.43	21.00
20	256QAM	1	0	17.15	17.14	17.38	17.20	17.31	19.00
20		1	49	17.08	17.26	17.37	17.18	17.33	19.00
20		1	99	17.00	17.10	17.31	17.15	17.21	19.00
20		50	0	17.37	17.51	17.61	17.37	17.57	19.00
20		50	24	17.31	17.40	17.55	17.35	17.42	19.00
20		50	50	17.31	17.47	17.58	17.42	17.56	19.00
20		100	0	17.34	17.29	17.53	17.37	17.51	19.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.28	22.48	22.53	22.39	22.58	24.00
15		1	37	22.11	22.33	22.52	22.35	22.37	24.00
15		1	74	22.00	22.25	22.38	22.13	22.27	24.00
15		36	0	21.04	21.20	21.39	21.19	21.38	23.00
15		36	20	21.16	21.11	21.39	21.28	21.30	23.00
15		36	39	21.10	21.19	21.38	21.19	21.39	23.00
15		75	0	21.07	21.22	21.37	21.28	21.33	23.00
15	16QAM	1	0	21.27	21.28	21.42	21.22	21.37	23.00
15		1	37	21.24	21.35	21.47	21.24	21.40	23.00
15		1	74	21.06	21.24	21.45	21.11	21.36	23.00
15		36	0	20.27	20.29	20.51	20.30	20.37	22.00
15		36	20	20.01	20.24	20.39	20.21	20.24	22.00
15		36	39	20.24	20.20	20.48	20.19	20.32	22.00
15		75	0	20.11	20.31	20.47	20.25	20.31	22.00
15	64QAM	1	0	19.83	19.98	20.14	19.92	20.00	21.00
15		1	37	19.76	19.90	20.03	19.83	20.09	21.00
15		1	74	19.74	19.88	19.97	19.87	20.04	21.00
15		36	0	19.31	19.43	19.58	19.41	19.43	21.00
15		36	20	19.24	19.43	19.56	19.24	19.44	21.00
15		36	39	19.09	19.35	19.54	19.17	19.38	21.00
15		75	0	19.27	19.21	19.40	19.36	19.31	21.00
15	256QAM	1	0	17.08	17.08	17.23	17.05	17.17	19.00
15		1	37	17.05	17.21	17.25	17.15	17.25	19.00
15		1	74	17.00	17.01	17.27	17.10	17.11	19.00
15		36	0	17.23	17.42	17.55	17.32	17.44	19.00
15		36	20	17.26	17.26	17.46	17.32	17.28	19.00
15		36	39	17.26	17.40	17.43	17.37	17.41	19.00
15		75	0	17.21	17.26	17.38	17.34	17.49	19.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.50	22.61	22.49	22.57	24.00
10		1	25	22.18	22.35	22.50	22.31	22.49	24.00
10		1	49	22.07	22.18	22.42	22.19	22.26	24.00
10		25	0	21.14	21.28	21.36	21.23	21.35	23.00
10		25	12	21.07	21.13	21.37	21.17	21.30	23.00
10		25	25	21.19	21.24	21.38	21.12	21.30	23.00
10		50	0	21.12	21.23	21.36	21.26	21.32	23.00
10	16QAM	1	0	21.22	21.20	21.53	21.25	21.33	23.00
10		1	25	21.13	21.36	21.41	21.29	21.41	23.00
10		1	49	21.14	21.29	21.40	21.08	21.37	23.00
10		25	0	20.20	20.36	20.52	20.26	20.46	22.00
10		25	12	20.01	20.12	20.36	20.18	20.32	22.00
10		25	25	20.17	20.25	20.46	20.26	20.34	22.00
10		50	0	20.24	20.26	20.46	20.26	20.43	22.00
10	64QAM	1	0	19.90	19.88	20.14	19.96	19.94	21.00
10		1	25	19.80	19.91	20.08	19.89	20.00	21.00
10		1	49	19.65	19.87	19.98	19.89	20.02	21.00
10		25	0	19.25	19.37	19.47	19.44	19.44	21.00
10		25	12	19.24	19.43	19.51	19.25	19.33	21.00
10		25	25	19.16	19.32	19.52	19.24	19.38	21.00
10		50	0	19.28	19.17	19.49	19.29	19.40	21.00
10	256QAM	1	0	17.13	17.02	17.29	17.18	17.27	19.00
10		1	25	17.06	17.21	17.26	17.10	17.22	19.00
10		1	49	17.00	17.04	17.19	17.09	17.07	19.00
10		25	0	17.22	17.46	17.46	17.24	17.52	19.00
10		25	12	17.20	17.31	17.45	17.28	17.32	19.00
10		25	25	17.20	17.36	17.45	17.41	17.42	19.00
10		50	0	17.21	17.23	17.52	17.26	17.41	19.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2546.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.34	22.46	22.54	22.43	22.61	24.00
5		1	12	22.18	22.31	22.50	22.32	22.43	24.00
5		1	24	22.05	22.26	22.42	22.23	22.30	24.00
5		12	0	21.12	21.25	21.43	21.10	21.38	23.00
5		12	7	21.13	21.09	21.45	21.20	21.27	23.00
5		12	13	21.10	21.24	21.42	21.20	21.40	23.00
5		25	0	21.10	21.27	21.35	21.20	21.29	23.00
5	16QAM	1	0	21.21	21.31	21.49	21.28	21.33	23.00
5		1	12	21.19	21.32	21.50	21.28	21.32	23.00
5		1	24	21.15	21.27	21.43	21.18	21.42	23.00
5		12	0	20.15	20.37	20.49	20.29	20.35	22.00
5		12	7	20.04	20.20	20.40	20.21	20.30	22.00
5		12	13	20.17	20.26	20.35	20.21	20.28	22.00
5		25	0	20.14	20.26	20.48	20.26	20.33	22.00
5	64QAM	1	0	19.81	19.90	20.11	20.01	19.92	21.00
5		1	12	19.79	19.98	20.04	19.78	19.96	21.00
5		1	24	19.69	19.75	20.08	19.83	20.03	21.00
5		12	0	19.26	19.42	19.56	19.42	19.44	21.00
5		12	7	19.18	19.38	19.52	19.20	19.35	21.00
5		12	13	19.10	19.32	19.44	19.19	19.47	21.00
5		25	0	19.23	19.17	19.48	19.36	19.37	21.00
5	256QAM	1	0	17.07	17.08	17.28	17.12	17.27	19.00
5		1	12	17.06	17.22	17.32	17.14	17.24	19.00
5		1	24	17.01	17.04	17.25	17.06	17.17	19.00
5		12	0	17.30	17.48	17.52	17.29	17.44	19.00
5		12	7	17.16	17.28	17.46	17.22	17.37	19.00
5		12	13	17.28	17.32	17.56	17.34	17.51	19.00
5		25	0	17.20	17.20	17.46	17.29	17.44	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.34	25.41	25.50	25.40	25.48	27.00
20		1	49	25.13	25.21	25.42	25.26	25.38	27.00
20		1	99	25.04	25.16	25.32	25.17	25.15	27.00
20		50	0	24.21	24.35	24.46	24.22	24.41	26.00
20		50	24	24.20	24.25	24.45	24.29	24.32	26.00
20		50	50	24.19	24.27	24.41	24.30	24.30	26.00
20		100	0	24.22	24.25	24.42	24.23	24.38	26.00
20	16QAM	1	0	24.50	24.60	24.74	24.56	24.68	26.00
20		1	49	24.43	24.56	24.70	24.50	24.57	26.00
20		1	99	24.35	24.46	24.65	24.47	24.49	26.00
20		50	0	23.25	23.40	23.50	23.38	23.42	25.00
20		50	24	23.28	23.34	23.47	23.32	23.33	25.00
20		50	50	23.21	23.33	23.46	23.29	23.36	25.00
20		100	0	23.33	23.36	23.49	23.29	23.38	25.00
20	64QAM	1	0	23.18	23.27	23.47	23.35	23.44	25.00
20		1	49	23.18	23.26	23.45	23.31	23.33	25.00
20		1	99	23.14	23.23	23.37	23.25	23.23	25.00
20		50	0	22.35	22.49	22.59	22.45	22.48	24.00
20		50	24	22.37	22.40	22.53	22.31	22.42	24.00
20		50	50	22.33	22.41	22.53	22.39	22.42	24.00
20		100	0	22.23	22.38	22.48	22.33	22.32	24.00
20	256QAM	1	0	20.31	20.37	20.49	20.28	20.36	22.00
20		1	49	20.35	20.35	20.50	20.41	20.44	22.00
20		1	99	20.16	20.23	20.42	20.25	20.30	22.00
20		50	0	20.35	20.49	20.63	20.49	20.49	22.00
20		50	24	20.42	20.41	20.61	20.50	20.57	22.00
20		50	50	20.40	20.45	20.57	20.35	20.49	22.00
20		100	0	20.30	20.30	20.51	20.32	20.36	22.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.25	25.37	25.37	25.34	25.39	27.00
15		1	37	25.00	25.17	25.35	25.20	25.23	27.00
15		1	74	25.01	25.04	25.23	25.07	25.01	27.00
15		36	0	24.08	24.20	24.32	24.10	24.39	26.00
15		36	20	24.16	24.24	24.38	24.21	24.26	26.00
15		36	39	24.13	24.23	24.27	24.21	24.18	26.00
15		75	0	24.09	24.18	24.36	24.10	24.24	26.00
15	16QAM	1	0	24.37	24.55	24.61	24.52	24.56	26.00
15		1	37	24.35	24.54	24.62	24.44	24.54	26.00
15		1	74	24.25	24.38	24.61	24.33	24.43	26.00
15		36	0	23.23	23.39	23.37	23.37	23.39	25.00
15		36	20	23.15	23.12	23.40	23.21	23.22	25.00
15		36	39	23.07	23.18	23.32	23.23	23.28	25.00
15		75	0	23.28	23.24	23.45	23.24	23.35	25.00
15	64QAM	1	0	23.13	23.24	23.45	23.28	23.31	25.00
15		1	37	23.03	23.13	23.44	23.19	23.31	25.00
15		1	74	23.11	23.11	23.32	23.10	23.12	25.00
15		36	0	22.29	22.48	22.50	22.31	22.46	24.00
15		36	20	22.27	22.29	22.49	22.27	22.35	24.00
15		36	39	22.25	22.26	22.39	22.36	22.36	24.00
15		75	0	22.10	22.27	22.36	22.28	22.24	24.00
15	256QAM	1	0	20.21	20.32	20.40	20.19	20.35	22.00
15		1	37	20.29	20.32	20.39	20.32	20.29	22.00
15		1	74	20.01	20.18	20.30	20.11	20.25	22.00
15		36	0	20.33	20.42	20.58	20.40	20.41	22.00
15		36	20	20.40	20.39	20.46	20.38	20.53	22.00
15		36	39	20.28	20.32	20.51	20.31	20.36	22.00
15		75	0	20.17	20.26	20.40	20.26	20.32	22.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.23	25.37	25.49	25.38	25.46	27.00
10		1	25	25.09	25.15	25.36	25.12	25.23	27.00
10		1	49	25.00	25.13	25.29	25.14	25.07	27.00
10		25	0	24.11	24.30	24.33	24.16	24.32	26.00
10		25	12	24.06	24.14	24.40	24.23	24.26	26.00
10		25	25	24.10	24.22	24.37	24.29	24.29	26.00
10		50	0	24.14	24.13	24.33	24.11	24.34	26.00
10	16QAM	1	0	24.44	24.58	24.72	24.45	24.66	26.00
10		1	25	24.29	24.46	24.66	24.42	24.47	26.00
10		1	49	24.23	24.36	24.63	24.45	24.45	26.00
10		25	0	23.24	23.30	23.47	23.37	23.30	25.00
10		25	12	23.26	23.19	23.33	23.17	23.27	25.00
10		25	25	23.18	23.22	23.40	23.14	23.35	25.00
10		50	0	23.28	23.21	23.39	23.18	23.24	25.00
10	64QAM	1	0	23.12	23.12	23.44	23.28	23.34	25.00
10		1	25	23.06	23.21	23.32	23.26	23.22	25.00
10		1	49	23.00	23.09	23.36	23.22	23.16	25.00
10		25	0	22.27	22.38	22.50	22.31	22.44	24.00
10		25	12	22.32	22.29	22.47	22.25	22.36	24.00
10		25	25	22.26	22.30	22.42	22.32	22.38	24.00
10		50	0	22.12	22.34	22.34	22.25	22.19	24.00
10	256QAM	1	0	20.28	20.33	20.41	20.23	20.29	22.00
10		1	25	20.23	20.28	20.48	20.35	20.33	22.00
10		1	49	20.03	20.16	20.40	20.19	20.20	22.00
10		25	0	20.30	20.44	20.56	20.35	20.40	22.00
10		25	12	20.28	20.26	20.58	20.38	20.50	22.00
10		25	25	20.30	20.31	20.52	20.30	20.45	22.00
10		50	0	20.26	20.22	20.41	20.22	20.22	22.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2546.8	2593	2640.3	2687.5	
5	QPSK	1	0	25.22	25.28	25.36	25.26	25.34	27.00
5		1	12	25.05	25.12	25.35	25.12	25.34	27.00
5		1	24	25.00	25.11	25.23	25.14	25.02	27.00
5		12	0	24.11	24.28	24.33	24.18	24.33	26.00
5		12	7	24.14	24.10	24.36	24.26	24.25	26.00
5		12	13	24.06	24.15	24.29	24.18	24.16	26.00
5		25	0	24.07	24.22	24.39	24.20	24.28	26.00
5	16QAM	1	0	24.49	24.55	24.64	24.47	24.54	26.00
5		1	12	24.40	24.47	24.63	24.41	24.48	26.00
5		1	24	24.22	24.34	24.53	24.38	24.44	26.00
5		12	0	23.18	23.26	23.47	23.31	23.32	25.00
5		12	7	23.17	23.19	23.44	23.29	23.31	25.00
5		12	13	23.08	23.28	23.37	23.26	23.23	25.00
5		25	0	23.19	23.27	23.42	23.20	23.24	25.00
5	64QAM	1	0	23.17	23.16	23.36	23.29	23.30	25.00
5		1	12	23.14	23.22	23.37	23.25	23.18	25.00
5		1	24	23.08	23.11	23.27	23.15	23.12	25.00
5		12	0	22.31	22.38	22.46	22.38	22.46	24.00
5		12	7	22.26	22.32	22.49	22.19	22.27	24.00
5		12	13	22.26	22.37	22.38	22.34	22.38	24.00
5		25	0	22.15	22.24	22.33	22.18	22.31	24.00
5	256QAM	1	0	20.26	20.27	20.35	20.21	20.26	22.00
5		1	12	20.33	20.22	20.35	20.35	20.38	22.00
5		1	24	20.04	20.15	20.38	20.24	20.19	22.00
5		12	0	20.25	20.42	20.51	20.43	20.37	22.00
5		12	7	20.37	20.34	20.56	20.40	20.43	22.00
5		12	13	20.29	20.34	20.53	20.23	20.43	22.00
5		25	0	20.21	20.17	20.48	20.29	20.29	22.00

<LTE Band 2_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.48	21.51	21.50	23.00
20		1	49	21.11	21.38	21.23	23.00
20		1	99	21.19	21.25	21.02	23.00
20		50	0	21.44	21.48	21.46	23.00
20		50	24	21.23	21.44	21.24	23.00
20		50	50	21.23	21.39	21.37	23.00
20		100	0	21.27	21.46	21.22	23.00
20	16QAM	1	0	21.31	21.36	21.33	23.00
20		1	49	21.19	21.21	21.00	23.00
20		1	99	21.28	21.38	21.26	23.00
20		50	0	20.36	20.57	20.32	22.00
20		50	24	20.49	20.59	20.13	22.00
20		50	50	20.49	20.58	20.15	22.00
20		100	0	20.46	20.64	20.08	22.00
20	64QAM	1	0	20.59	20.68	20.38	22.00
20		1	49	20.62	20.86	20.48	22.00
20		1	99	20.68	20.71	20.30	22.00
20		50	0	19.44	19.66	19.13	21.00
20		50	24	19.47	19.70	19.31	21.00
20		50	50	19.47	19.68	19.27	21.00
20		100	0	19.52	19.80	19.23	21.00
20	256QAM	1	0	17.66	17.72	17.40	19.00
20		1	49	17.72	17.80	17.40	19.00
20		1	99	17.67	17.62	17.41	19.00
20		50	0	17.66	17.71	17.33	19.00
20		50	24	17.52	17.72	17.32	19.00
20		50	50	17.50	17.71	17.23	19.00
20		100	0	17.44	17.67	17.24	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.43	21.37	21.38	23.00
15		1	37	21.11	21.29	21.16	23.00
15		1	74	21.16	21.13	21.15	23.00
15		36	0	21.39	21.47	21.34	23.00
15		36	20	21.14	21.35	21.25	23.00
15		36	39	21.20	21.24	21.30	23.00
15		75	0	21.21	21.41	21.19	23.00
15	16QAM	1	0	21.25	21.23	21.30	23.00
15		1	37	21.15	21.18	21.15	23.00
15		1	74	21.13	21.34	21.20	23.00
15		36	0	20.12	20.14	20.10	22.00
15		36	20	20.14	20.11	20.14	22.00
15		36	39	20.05	20.09	20.04	22.00
15		75	0	20.00	20.06	20.01	22.00
15	64QAM	1	0	20.04	20.08	20.06	22.00
15		1	37	20.07	20.08	20.03	22.00
15		1	74	20.14	20.02	20.08	22.00
15		36	0	19.07	19.09	19.02	21.00
15		36	20	19.01	19.11	19.07	21.00
15		36	39	19.08	19.08	19.09	21.00
15		75	0	19.01	19.15	19.02	21.00
15	256QAM	1	0	17.10	17.06	17.13	19.00
15		1	37	17.14	17.10	17.01	19.00
15		1	74	17.02	17.11	17.05	19.00
15		36	0	17.04	17.05	17.03	19.00
15		36	20	17.08	17.04	17.04	19.00
15		36	39	17.08	17.01	17.06	19.00
15		75	0	17.13	17.07	17.10	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.45	21.44	21.47	23.00
10		1	25	21.21	21.36	21.29	23.00
10		1	49	21.12	21.20	21.10	23.00
10		25	0	21.30	21.33	21.37	23.00
10		25	12	21.15	21.42	21.25	23.00
10		25	25	21.21	21.30	21.29	23.00
10		50	0	21.27	21.44	21.23	23.00
10	16QAM	1	0	21.22	21.24	21.31	23.00
10		1	25	21.08	21.12	21.09	23.00
10		1	49	21.23	21.24	21.21	23.00
10		25	0	20.04	20.04	20.08	22.00
10		25	12	20.06	20.10	20.03	22.00
10		25	25	20.11	20.05	20.14	22.00
10		50	0	20.06	20.05	20.08	22.00
10	64QAM	1	0	20.15	20.03	20.09	22.00
10		1	25	20.12	20.10	20.14	22.00
10		1	49	20.00	20.12	20.01	22.00
10		25	0	19.01	19.10	19.03	21.00
10		25	12	19.07	19.13	19.01	21.00
10		25	25	19.12	19.11	19.04	21.00
10		50	0	19.06	19.10	19.03	21.00
10	256QAM	1	0	17.09	17.02	17.04	19.00
10		1	25	17.08	17.12	17.07	19.00
10		1	49	17.15	17.01	17.02	19.00
10		25	0	17.08	17.11	17.00	19.00
10		25	12	17.04	17.07	17.06	19.00
10		25	25	17.09	17.11	17.04	19.00
10		50	0	17.11	17.03	17.15	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.37	21.44	21.38	23.00
5		1	12	21.18	21.25	21.18	23.00
5		1	24	21.21	21.14	21.08	23.00
5		12	0	21.38	21.41	21.37	23.00
5		12	7	21.13	21.38	21.19	23.00
5		12	13	21.23	21.30	21.32	23.00
5		25	0	21.26	21.41	21.13	23.00
5	16QAM	1	0	21.27	21.26	21.30	23.00
5		1	12	21.09	21.12	21.12	23.00
5		1	24	21.25	21.32	21.23	23.00
5		12	0	20.06	20.09	20.08	22.00
5		12	7	20.10	20.00	20.04	22.00
5		12	13	20.01	20.03	20.09	22.00
5		25	0	20.10	20.15	20.02	22.00
5	64QAM	1	0	20.04	20.09	20.10	22.00
5		1	12	20.03	20.04	20.07	22.00
5		1	24	20.01	20.12	20.04	22.00
5		12	0	19.06	19.12	19.06	21.00
5		12	7	19.04	19.15	19.13	21.00
5		12	13	19.07	19.09	19.04	21.00
5		25	0	19.14	19.13	19.09	21.00
5	256QAM	1	0	17.05	17.10	17.01	19.00
5		1	12	17.13	17.04	17.15	19.00
5		1	24	17.07	17.05	17.14	19.00
5		12	0	17.05	17.13	17.10	19.00
5		12	7	17.10	17.02	17.09	19.00
5		12	13	17.06	17.11	17.10	19.00
5		25	0	17.14	17.08	17.03	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.44	21.37	21.40	23.00
3		1	8	21.15	21.31	21.22	23.00
3		1	14	21.16	21.21	21.06	23.00
3		8	0	21.31	21.41	21.00	23.00
3		8	4	21.17	21.39	21.21	23.00
3		8	7	21.20	21.33	21.34	23.00
3		15	0	21.28	21.36	21.24	23.00
3	16QAM	1	0	21.19	21.32	21.30	23.00
3		1	8	21.11	21.17	21.14	23.00
3		1	14	21.21	21.37	21.21	23.00
3		8	0	20.02	20.05	20.12	22.00
3		8	4	20.14	20.03	20.03	22.00
3		8	7	20.09	20.12	20.02	22.00
3		15	0	20.03	20.14	20.11	22.00
3	64QAM	1	0	20.12	20.04	20.11	22.00
3		1	8	20.14	20.13	20.10	22.00
3		1	14	20.12	20.00	20.07	22.00
3		8	0	19.05	19.08	19.03	21.00
3		8	4	19.07	19.05	19.14	21.00
3		8	7	19.00	19.13	19.07	21.00
3		15	0	19.06	19.04	19.14	21.00
3	256QAM	1	0	17.02	17.10	17.12	19.00
3		1	8	17.06	17.01	17.09	19.00
3		1	14	17.11	17.04	17.02	19.00
3		8	0	17.07	17.03	17.02	19.00
3		8	4	17.02	17.11	17.05	19.00
3		8	7	17.08	17.01	17.10	19.00
3		15	0	17.05	17.04	17.05	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.41	21.42	21.38	23.00
1.4		1	3	21.18	21.24	21.17	23.00
1.4		1	5	21.18	21.16	21.09	23.00
1.4		3	0	21.40	21.34	21.35	23.00
1.4		3	1	21.26	21.41	21.17	23.00
1.4		3	3	21.16	21.33	21.25	23.00
1.4		6	0	21.23	21.43	21.18	23.00
1.4	16QAM	1	0	21.17	21.25	21.21	23.00
1.4		1	3	21.08	21.15	21.16	23.00
1.4		1	5	21.15	21.27	21.16	23.00
1.4		3	0	21.04	21.11	21.01	23.00
1.4		3	1	21.07	21.06	21.14	23.00
1.4		3	3	21.11	21.10	21.01	23.00
1.4		6	0	20.03	20.09	20.02	22.00
1.4	64QAM	1	0	20.00	20.03	20.07	22.00
1.4		1	3	20.00	20.12	20.14	22.00
1.4		1	5	20.04	20.10	20.12	22.00
1.4		3	0	20.01	20.01	20.04	22.00
1.4		3	1	20.02	20.05	20.12	22.00
1.4		3	3	20.01	20.11	20.11	22.00
1.4		6	0	19.10	19.02	19.04	21.00
1.4	256QAM	1	0	17.09	17.01	17.02	19.00
1.4		1	3	17.12	17.07	17.09	19.00
1.4		1	5	17.06	17.12	17.03	19.00
1.4		3	0	17.14	17.01	17.05	19.00
1.4		3	1	17.03	17.04	17.01	19.00
1.4		3	3	17.14	17.04	17.14	19.00
1.4		6	0	17.08	17.05	17.01	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.87	20.89	20.85	21.50
20		1	49	20.56	20.82	20.64	21.50
20		1	99	20.56	20.59	20.45	21.50
20		50	0	20.83	20.87	20.81	21.50
20		50	24	20.44	20.68	20.52	21.50
20		50	50	20.48	20.66	20.52	21.50
20		100	0	20.68	20.83	20.59	21.50
20	16QAM	1	0	20.55	20.57	20.59	21.50
20		1	49	20.72	20.73	20.57	21.50
20		1	99	20.71	20.71	20.70	21.50
20		50	0	19.96	19.99	20.03	21.00
20		50	24	19.97	19.94	19.87	21.00
20		50	50	20.13	19.99	19.95	21.00
20		100	0	20.11	20.10	19.91	21.00
20	64QAM	1	0	20.06	20.06	19.99	21.00
20		1	49	20.00	20.20	19.92	21.00
20		1	99	20.42	20.46	20.34	21.00
20		50	0	18.89	18.99	18.91	20.00
20		50	24	19.08	19.10	18.98	20.00
20		50	50	18.96	19.08	18.95	20.00
20		100	0	19.09	19.08	19.03	20.00
20	256QAM	1	0	17.05	17.02	16.89	18.00
20		1	49	17.30	17.22	17.10	18.00
20		1	99	17.23	17.24	17.13	18.00
20		50	0	16.95	17.27	16.98	18.00
20		50	24	17.07	17.07	17.07	18.00
20		50	50	17.07	17.02	17.00	18.00
20		100	0	16.92	17.06	16.96	18.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.77	20.78	20.81	21.50
15		1	37	20.45	20.79	20.49	21.50
15		1	74	20.45	20.55	20.39	21.50
15		36	0	20.70	20.78	20.79	21.50
15		36	20	20.30	20.65	20.47	21.50
15		36	39	20.44	20.58	20.50	21.50
15		75	0	20.57	20.69	20.48	21.50
15	16QAM	1	0	20.40	20.44	20.50	21.50
15		1	37	20.59	20.58	20.44	21.50
15		1	74	20.56	20.59	20.60	21.50
15		36	0	19.38	19.41	19.50	21.00
15		36	20	19.33	19.36	19.26	21.00
15		36	39	19.49	19.43	19.33	21.00
15		75	0	19.58	19.58	19.37	21.00
15	64QAM	1	0	19.53	19.42	19.37	21.00
15		1	37	19.39	19.68	19.33	21.00
15		1	74	19.86	19.83	19.82	21.00
15		36	0	18.03	18.14	18.17	20.00
15		36	20	18.01	18.14	18.10	20.00
15		36	39	18.04	18.05	18.01	20.00
15		75	0	18.08	18.01	18.05	20.00
15	256QAM	1	0	16.03	16.09	16.00	18.00
15		1	37	16.14	16.09	16.12	18.00
15		1	74	16.06	16.05	16.12	18.00
15		36	0	16.04	16.05	16.06	18.00
15		36	20	16.06	16.03	16.00	18.00
15		36	39	16.11	16.02	16.05	18.00
15		75	0	16.07	16.12	16.13	18.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.84	20.79	20.84	21.50
10		1	25	20.46	20.72	20.57	21.50
10		1	49	20.48	20.44	20.35	21.50
10		25	0	20.81	20.72	20.73	21.50
10		25	12	20.40	20.67	20.46	21.50
10		25	25	20.45	20.51	20.38	21.50
10		50	0	20.58	20.75	20.47	21.50
10	16QAM	1	0	20.52	20.49	20.56	21.50
10		1	25	20.69	20.66	20.56	21.50
10		1	49	20.62	20.70	20.69	21.50
10		25	0	19.36	19.36	19.47	21.00
10		25	12	19.45	19.41	19.29	21.00
10		25	25	19.55	19.46	19.40	21.00
10		50	0	19.47	19.56	19.31	21.00
10	64QAM	1	0	19.52	19.42	19.35	21.00
10		1	25	19.40	19.56	19.34	21.00
10		1	49	19.89	19.83	19.74	21.00
10		25	0	18.12	18.07	18.01	20.00
10		25	12	18.06	18.11	18.00	20.00
10		25	25	18.08	18.02	18.04	20.00
10		50	0	18.04	18.08	18.13	20.00
10	256QAM	1	0	16.03	16.08	16.10	18.00
10		1	25	16.14	16.11	16.11	18.00
10		1	49	16.11	16.08	16.10	18.00
10		25	0	16.10	16.05	16.05	18.00
10		25	12	16.00	16.10	16.09	18.00
10		25	25	16.15	16.04	16.13	18.00
10		50	0	16.12	16.05	16.11	18.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.82	20.80	20.70	21.50
5		1	12	20.42	20.72	20.59	21.50
5		1	24	20.51	20.54	20.38	21.50
5		12	0	20.69	20.73	20.70	21.50
5		12	7	20.31	20.63	20.42	21.50
5		12	13	20.46	20.56	20.46	21.50
5		25	0	20.54	20.72	20.47	21.50
5	16QAM	1	0	20.41	20.48	20.51	21.50
5		1	12	20.63	20.66	20.51	21.50
5		1	24	20.62	20.66	20.69	21.50
5		12	0	19.35	19.37	19.51	21.00
5		12	7	19.33	19.33	19.24	21.00
5		12	13	19.49	19.39	19.31	21.00
5		25	0	19.56	19.48	19.27	21.00
5	64QAM	1	0	19.55	19.54	19.37	21.00
5		1	12	19.42	19.68	19.38	21.00
5		1	24	19.86	19.83	19.75	21.00
5		12	0	18.13	18.11	18.01	20.00
5		12	7	18.13	18.13	18.15	20.00
5		12	13	18.14	18.14	18.14	20.00
5		25	0	18.08	18.11	18.13	20.00
5	256QAM	1	0	16.08	16.09	16.09	18.00
5		1	12	16.03	16.01	16.06	18.00
5		1	24	16.13	16.01	16.11	18.00
5		12	0	16.05	16.13	16.03	18.00
5		12	7	16.01	16.13	16.08	18.00
5		12	13	16.03	16.06	16.14	18.00
5		25	0	16.11	16.12	16.11	18.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.78	20.74	20.70	21.50
3		1	8	20.41	20.70	20.62	21.50
3		1	14	20.42	20.54	20.34	21.50
3		8	0	20.82	20.83	20.80	21.50
3		8	4	20.34	20.60	20.50	21.50
3		8	7	20.33	20.62	20.37	21.50
3		15	0	20.62	20.71	20.47	21.50
3	16QAM	1	0	20.42	20.44	20.56	21.50
3		1	8	20.64	20.64	20.52	21.50
3		1	14	20.56	20.65	20.62	21.50
3		8	0	19.34	19.35	19.51	21.00
3		8	4	19.41	19.37	19.28	21.00
3		8	7	19.62	19.44	19.30	21.00
3		15	0	19.53	19.55	19.37	21.00
3	64QAM	1	0	19.42	19.50	19.39	21.00
3		1	8	19.35	19.55	19.39	21.00
3		1	14	19.65	19.87	19.78	21.00
3		8	0	18.04	18.06	18.11	20.00
3		8	4	18.00	18.08	18.01	20.00
3		8	7	18.05	18.03	18.04	20.00
3		15	0	18.07	18.01	18.03	20.00
3	256QAM	1	0	16.05	16.12	16.13	18.00
3		1	8	16.06	16.03	16.00	18.00
3		1	14	16.08	16.08	16.15	18.00
3		8	0	16.11	16.07	16.03	18.00
3		8	4	16.09	16.12	16.05	18.00
3		8	7	16.01	16.11	16.04	18.00
3		15	0	16.08	16.06	16.09	18.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.74	20.78	20.70	21.50
1.4		1	3	20.41	20.80	20.57	21.50
1.4		1	5	20.54	20.55	20.35	21.50
1.4		3	0	20.74	20.82	20.68	21.50
1.4		3	1	20.37	20.58	20.42	21.50
1.4		3	3	20.34	20.55	20.48	21.50
1.4		6	0	20.57	20.77	20.50	21.50
1.4	16QAM	1	0	20.47	20.43	20.55	21.50
1.4		1	3	20.60	20.65	20.54	21.50
1.4		1	5	20.67	20.62	20.59	21.50
1.4		3	0	19.82	19.96	19.97	21.50
1.4		3	1	19.90	19.79	19.85	21.50
1.4		3	3	20.04	19.91	19.83	21.50
1.4		6	0	19.53	19.47	19.28	21.00
1.4	64QAM	1	0	19.50	19.47	19.46	21.00
1.4		1	3	19.45	19.57	19.38	21.00
1.4		1	5	19.77	19.90	19.69	21.00
1.4		3	0	19.05	19.02	19.07	21.00
1.4		3	1	19.13	19.12	19.05	21.00
1.4		3	3	19.05	19.04	19.13	21.00
1.4		6	0	18.01	18.09	18.03	20.00
1.4	256QAM	1	0	16.01	16.07	16.12	18.00
1.4		1	3	16.01	16.01	16.05	18.00
1.4		1	5	16.01	16.03	16.11	18.00
1.4		3	0	16.10	16.07	16.10	18.00
1.4		3	1	16.09	16.12	16.11	18.00
1.4		3	3	16.04	16.05	16.12	18.00
1.4		6	0	16.02	16.08	16.00	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.56	22.60	22.59	24.00
10		1	25	22.39	22.52	22.48	24.00
10		1	49	22.43	22.54	22.47	24.00
10		25	0	21.39	21.54	21.38	23.00
10		25	12	21.44	21.53	21.42	23.00
10		25	25	21.34	21.52	21.47	23.00
10		50	0	21.40	21.56	21.48	23.00
10	16QAM	1	0	21.62	21.76	21.62	23.00
10		1	25	21.69	21.85	21.79	23.00
10		1	49	21.64	21.78	21.65	23.00
10		25	0	20.33	20.50	20.42	22.00
10		25	12	20.41	20.49	20.35	22.00
10		25	25	20.38	20.53	20.43	22.00
10		50	0	20.37	20.55	20.50	22.00
10	64QAM	1	0	20.61	20.70	20.56	22.00
10		1	25	20.62	20.68	20.66	22.00
10		1	49	20.60	20.71	20.63	22.00
10		25	0	19.43	19.51	19.40	21.00
10		25	12	19.36	19.51	19.42	21.00
10		25	25	19.35	19.49	19.39	21.00
10		50	0	19.36	19.52	19.43	21.00
10	256QAM	1	0	17.60	17.66	17.51	19.00
10		1	25	17.48	17.62	17.47	19.00
10		1	49	17.44	17.61	17.58	19.00
10		25	0	17.36	17.52	17.41	19.00
10		25	12	17.39	17.53	17.42	19.00
10		25	25	17.42	17.54	17.44	19.00
10		50	0	17.50	17.55	17.49	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.47	22.48	22.48	24.00
5		1	12	22.29	22.37	22.45	24.00
5		1	24	22.31	22.53	22.35	24.00
5		12	0	21.33	21.43	21.24	23.00
5		12	7	21.37	21.38	21.28	23.00
5		12	13	21.24	21.37	21.32	23.00
5		25	0	21.37	21.45	21.39	23.00
5	16QAM	1	0	21.53	21.62	21.58	23.00
5		1	12	21.59	21.74	21.69	23.00
5		1	24	21.54	21.76	21.53	23.00
5		12	0	20.24	20.40	20.39	22.00
5		12	7	20.39	20.44	20.31	22.00
5		12	13	20.29	20.44	20.38	22.00
5		25	0	20.28	20.53	20.47	22.00
5	64QAM	1	0	20.49	20.59	20.53	22.00
5		1	12	20.53	20.64	20.59	22.00
5		1	24	20.46	20.58	20.53	22.00
5		12	0	19.37	19.46	19.26	21.00
5		12	7	19.29	19.43	19.39	21.00
5		12	13	19.28	19.39	19.33	21.00
5		25	0	19.21	19.43	19.36	21.00
5	256QAM	1	0	17.49	17.52	17.47	19.00
5		1	12	17.36	17.52	17.38	19.00
5		1	24	17.41	17.50	17.54	19.00
5		12	0	17.29	17.43	17.33	19.00
5		12	7	17.27	17.46	17.31	19.00
5		12	13	17.40	17.40	17.36	19.00
5		25	0	17.42	17.48	17.36	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.47	22.53	22.57	24.00
3		1	8	22.29	22.50	22.37	24.00
3		1	14	22.32	22.45	22.36	24.00
3		8	0	21.36	21.52	21.30	23.00
3		8	4	21.41	21.47	21.30	23.00
3		8	7	21.24	21.40	21.33	23.00
3		15	0	21.33	21.53	21.36	23.00
3	16QAM	1	0	21.56	21.64	21.51	23.00
3		1	8	21.54	21.74	21.71	23.00
3		1	14	21.50	21.77	21.58	23.00
3		8	0	20.30	20.37	20.32	22.00
3		8	4	20.30	20.42	20.23	22.00
3		8	7	20.29	20.42	20.35	22.00
3		15	0	20.27	20.40	20.36	22.00
3	64QAM	1	0	20.51	20.60	20.53	22.00
3		1	8	20.51	20.67	20.61	22.00
3		1	14	20.55	20.62	20.62	22.00
3		8	0	19.35	19.50	19.37	21.00
3		8	4	19.33	19.47	19.38	21.00
3		8	7	19.30	19.39	19.31	21.00
3		15	0	19.33	19.47	19.39	21.00
3	256QAM	1	0	17.47	17.56	17.39	19.00
3		1	8	17.41	17.50	17.33	19.00
3		1	14	17.36	17.46	17.46	19.00
3		8	0	17.23	17.46	17.33	19.00
3		8	4	17.28	17.50	17.32	19.00
3		8	7	17.40	17.48	17.34	19.00
3		15	0	17.44	17.40	17.37	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.49	22.48	22.53	24.00
1.4		1	3	22.31	22.48	22.37	24.00
1.4		1	5	22.42	22.50	22.34	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.00	22.01	22.00	24.00
1.4		3	3	22.00	22.00	22.00	24.00
1.4		6	0	21.28	21.46	21.42	23.00
1.4	16QAM	1	0	21.51	21.75	21.59	23.00
1.4		1	3	21.64	21.71	21.75	23.00
1.4		1	5	21.62	21.76	21.62	23.00
1.4		3	0	21.00	21.00	21.01	23.00
1.4		3	1	21.02	21.00	21.02	23.00
1.4		3	3	21.01	21.00	21.00	23.00
1.4		6	0	20.29	20.40	20.36	22.00
1.4	64QAM	1	0	20.54	20.56	20.46	22.00
1.4		1	3	20.52	20.61	20.59	22.00
1.4		1	5	20.55	20.59	20.51	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.01	20.01	20.01	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.28	19.50	19.34	21.00
1.4	256QAM	1	0	17.46	17.53	17.48	19.00
1.4		1	3	17.45	17.49	17.39	19.00
1.4		1	5	17.33	17.54	17.45	19.00
1.4		3	0	17.24	17.46	17.34	19.00
1.4		3	1	17.34	17.49	17.40	19.00
1.4		3	3	17.29	17.40	17.36	19.00
1.4		6	0	17.49	17.42	17.42	19.00

<LTE Band 12_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.49	22.59	22.26	24.00
10		1	25	22.18	22.42	22.06	24.00
10		1	49	22.36	22.49	22.11	24.00
10		25	0	21.29	21.50	21.05	23.00
10		25	12	21.13	21.30	21.00	23.00
10		25	25	21.24	21.48	21.13	23.00
10		50	0	21.25	21.36	21.00	23.00
10	16QAM	1	0	21.92	22.06	21.63	23.00
10		1	25	21.82	21.94	21.54	23.00
10		1	49	21.58	21.76	21.37	23.00
10		25	0	20.22	20.33	20.00	22.00
10		25	12	20.21	20.35	20.01	22.00
10		25	25	20.27	20.40	20.02	22.00
10		50	0	20.23	20.35	20.02	22.00
10	64QAM	1	0	20.47	20.70	20.37	22.00
10		1	25	20.48	20.61	20.30	22.00
10		1	49	20.43	20.59	20.27	22.00
10		25	0	19.07	19.30	19.00	21.00
10		25	12	19.17	19.31	19.02	21.00
10		25	25	19.22	19.41	19.04	21.00
10		50	0	19.21	19.39	19.00	21.00
10	256QAM	1	0	17.47	17.67	17.40	19.00
10		1	25	17.48	17.65	17.30	19.00
10		1	49	17.49	17.62	17.35	19.00
10		25	0	17.18	17.39	17.00	19.00
10		25	12	17.29	17.42	17.02	19.00
10		25	25	17.34	17.46	17.15	19.00
10		50	0	17.16	17.38	17.08	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.39	22.51	22.15	24.00
5		1	12	22.08	22.37	22.01	24.00
5		1	24	22.33	22.45	22.05	24.00
5		12	0	21.23	21.47	21.01	23.00
5		12	7	21.08	21.26	21.00	23.00
5		12	13	21.23	21.42	21.03	23.00
5		25	0	21.22	21.33	21.01	23.00
5	16QAM	1	0	21.90	22.00	21.56	23.00
5		1	12	21.78	21.81	21.49	23.00
5		1	24	21.52	21.63	21.24	23.00
5		12	0	20.13	20.31	20.01	22.00
5		12	7	20.19	20.25	20.01	22.00
5		12	13	20.14	20.35	20.02	22.00
5		25	0	20.18	20.26	20.00	22.00
5	64QAM	1	0	20.37	20.67	20.27	22.00
5		1	12	20.40	20.60	20.28	22.00
5		1	24	20.31	20.53	20.22	22.00
5		12	0	19.05	19.18	19.00	21.00
5		12	7	19.08	19.22	19.01	21.00
5		12	13	19.21	19.35	19.00	21.00
5		25	0	19.15	19.26	19.01	21.00
5	256QAM	1	0	17.42	17.53	17.35	19.00
5		1	12	17.45	17.57	17.20	19.00
5		1	24	17.41	17.48	17.26	19.00
5		12	0	17.06	17.17	17.00	19.00
5		12	7	17.23	17.32	17.02	19.00
5		12	13	17.25	17.41	17.13	19.00
5		25	0	17.09	17.35	17.00	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.46	22.55	22.12	24.00
3		1	8	22.11	22.30	22.01	24.00
3		1	14	22.28	22.40	22.01	24.00
3		8	0	21.21	21.38	21.01	23.00
3		8	4	21.10	21.19	21.01	23.00
3		8	7	21.23	21.46	21.11	23.00
3		15	0	21.16	21.31	21.00	23.00
3	16QAM	1	0	21.85	22.03	21.53	23.00
3		1	8	21.72	21.90	21.52	23.00
3		1	14	21.53	21.69	21.28	23.00
3		8	0	20.21	20.21	20.00	22.00
3		8	4	20.17	20.23	20.01	22.00
3		8	7	20.20	20.38	20.01	22.00
3		15	0	20.17	20.27	20.01	22.00
3	64QAM	1	0	20.33	20.62	20.34	22.00
3		1	8	20.46	20.60	20.28	22.00
3		1	14	20.30	20.55	20.17	22.00
3		8	0	19.00	19.19	19.01	21.00
3		8	4	19.09	19.24	19.00	21.00
3		8	7	19.09	19.40	19.00	21.00
3		15	0	19.16	19.25	19.00	21.00
3	256QAM	1	0	17.32	17.62	17.34	19.00
3		1	8	17.42	17.63	17.29	19.00
3		1	14	17.38	17.58	17.22	19.00
3		8	0	17.16	17.16	17.01	19.00
3		8	4	17.25	17.29	17.01	19.00
3		8	7	17.31	17.39	17.01	19.00
3		15	0	17.15	17.36	17.00	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.37	22.55	22.21	24.00
1.4		1	3	22.06	22.35	22.04	24.00
1.4		1	5	22.22	22.44	22.05	24.00
1.4		3	0	22.02	22.02	22.00	24.00
1.4		3	1	22.01	22.02	22.00	24.00
1.4		3	3	22.01	22.00	22.02	24.00
1.4		6	0	21.16	21.22	21.00	23.00
1.4	16QAM	1	0	21.79	21.93	21.60	23.00
1.4		1	3	21.69	21.92	21.41	23.00
1.4		1	5	21.48	21.66	21.31	23.00
1.4		3	0	21.00	21.02	21.00	23.00
1.4		3	1	21.01	21.01	21.00	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.19	20.34	20.01	22.00
1.4	64QAM	1	0	20.35	20.68	20.23	22.00
1.4		1	3	20.41	20.47	20.21	22.00
1.4		1	5	20.32	20.56	20.12	22.00
1.4		3	0	20.01	20.01	20.02	22.00
1.4		3	1	20.02	20.01	20.00	22.00
1.4		3	3	20.01	20.01	20.01	22.00
1.4		6	0	19.10	19.37	19.01	21.00
1.4	256QAM	1	0	17.33	17.66	17.28	19.00
1.4		1	3	17.41	17.54	17.16	19.00
1.4		1	5	17.44	17.58	17.28	19.00
1.4		3	0	17.14	17.26	17.01	19.00
1.4		3	1	17.26	17.38	17.01	19.00
1.4		3	3	17.24	17.32	17.07	19.00
1.4		6	0	17.03	17.30	17.03	19.00

<LTE Band 13_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.51		24.00
10		1	25		22.37		24.00
10		1	49		22.41		24.00
10		25	0		21.46		23.00
10		25	12		21.45		23.00
10		25	25		21.44		23.00
10		50	0		21.49		23.00
10	16QAM	1	0		21.79		23.00
10		1	25		21.69		23.00
10		1	49		21.78		23.00
10		25	0		20.41		22.00
10		25	12		20.45		22.00
10		25	25		20.42		22.00
10		50	0		20.56		22.00
10	64QAM	1	0		20.67		22.00
10		1	25		20.61		22.00
10		1	49		20.61		22.00
10		25	0		19.37		21.00
10		25	12		19.45		21.00
10		25	25		19.41		21.00
10		50	0		19.47		21.00
10	256QAM	1	0		17.70		19.00
10		1	25		17.66		19.00
10		1	49		17.50		19.00
10		25	0		17.47		19.00
10		25	12		17.54		19.00
10		25	25		17.52		19.00
10		50	0		17.55		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.43	22.50	22.45	24.00
5		1	12	22.09	22.19	22.10	24.00
5		1	24	22.16	22.33	22.16	24.00
5		12	0	21.15	21.34	21.24	23.00
5		12	7	21.09	21.27	21.13	23.00
5		12	13	21.17	21.29	21.14	23.00
5		25	0	21.17	21.28	21.18	23.00
5	16QAM	1	0	21.52	21.73	21.57	23.00
5		1	12	21.47	21.58	21.52	23.00
5		1	24	21.54	21.70	21.61	23.00
5		12	0	20.18	20.29	20.13	22.00
5		12	7	20.07	20.22	20.16	22.00
5		12	13	20.04	20.17	20.09	22.00
5		25	0	20.27	20.38	20.29	22.00
5	64QAM	1	0	20.43	20.54	20.44	22.00
5		1	12	20.36	20.44	20.26	22.00
5		1	24	20.24	20.45	20.37	22.00
5		12	0	19.05	19.25	19.16	21.00
5		12	7	19.13	19.31	19.22	21.00
5		12	13	19.15	19.29	19.10	21.00
5		25	0	19.21	19.30	19.13	21.00
5	256QAM	1	0	17.46	17.60	17.50	19.00
5		1	12	17.34	17.53	17.35	19.00
5		1	24	17.36	17.53	17.45	19.00
5		12	0	17.17	17.27	17.17	19.00
5		12	7	17.28	17.38	17.31	19.00
5		12	13	17.33	17.42	17.28	19.00
5		25	0	17.28	17.35	17.17	19.00

<LTE Band 14_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.93		24.00
10		1	49		22.94		24.00
10		25	0		21.91		23.00
10		25	12		21.88		23.00
10		25	25		21.86		23.00
10		50	0		21.91		23.00
10	16QAM	1	0		22.03		23.00
10		1	25		21.96		23.00
10		1	49		21.96		23.00
10		25	0		20.87		22.00
10		25	12		20.86		22.00
10		25	25		20.82		22.00
10		50	0		20.89		22.00
10	64QAM	1	0		20.99		22.00
10		1	25		20.93		22.00
10		1	49		20.94		22.00
10		25	0		19.90		21.00
10		25	12		19.91		21.00
10		25	25		19.86		21.00
10		50	0		19.91		21.00
10	256QAM	1	0		17.87		19.00
10		1	25		17.80		19.00
10		1	49		17.80		19.00
10		25	0		17.92		19.00
10		25	12		17.93		19.00
10		25	25		17.88		19.00
10		50	0		17.91		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.99	22.96	24.00
5		1	12	22.75	22.87	22.77	24.00
5		1	24	22.73	22.93	22.84	24.00
5		12	0	21.77	21.94	21.83	23.00
5		12	7	21.67	21.84	21.78	23.00
5		12	13	21.63	21.79	21.65	23.00
5		25	0	21.71	21.85	21.77	23.00
5	16QAM	1	0	21.84	22.02	21.88	23.00
5		1	12	21.73	21.89	21.85	23.00
5		1	24	21.65	21.85	21.72	23.00
5		12	0	20.74	20.94	20.81	22.00
5		12	7	20.75	20.89	20.75	22.00
5		12	13	20.76	20.86	20.73	22.00
5		25	0	20.73	20.92	20.85	22.00
5	64QAM	1	0	20.83	20.93	20.82	22.00
5		1	12	20.92	21.00	20.94	22.00
5		1	24	20.74	20.84	20.67	22.00
5		12	0	19.77	19.87	19.75	21.00
5		12	7	19.72	19.80	19.73	21.00
5		12	13	19.73	19.93	19.86	21.00
5		25	0	19.75	19.81	19.66	21.00
5	256QAM	1	0	17.61	17.78	17.62	19.00
5		1	12	17.62	17.77	17.73	19.00
5		1	24	17.67	17.79	17.67	19.00
5		12	0	17.78	17.85	17.80	19.00
5		12	7	17.89	17.95	17.87	19.00
5		12	13	17.72	17.82	17.75	19.00
5		25	0	17.86	17.94	17.89	19.00

<LTE Band 17_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.47	22.52	22.18	24.00
10		1	25	22.31	22.51	22.05	24.00
10		1	49	22.31	22.50	22.10	24.00
10		25	0	21.49	21.58	21.22	23.00
10		25	12	21.41	21.57	21.13	23.00
10		25	25	21.34	21.46	21.01	23.00
10		50	0	21.27	21.43	21.09	23.00
10	16QAM	1	0	21.45	21.61	21.14	23.00
10		1	25	21.67	21.76	21.33	23.00
10		1	49	21.73	21.85	21.40	23.00
10		25	0	20.19	20.34	20.00	22.00
10		25	12	20.39	20.54	20.14	22.00
10		25	25	20.36	20.45	20.02	22.00
10		50	0	20.33	20.40	20.00	22.00
10	64QAM	1	0	20.37	20.52	20.15	22.00
10		1	25	20.62	20.69	20.36	22.00
10		1	49	20.53	20.65	20.21	22.00
10		25	0	19.21	19.38	19.01	21.00
10		25	12	19.35	19.53	19.09	21.00
10		25	25	19.34	19.46	19.15	21.00
10		50	0	19.35	19.42	19.01	21.00
10	256QAM	1	0	17.22	17.36	17.01	19.00
10		1	25	17.57	17.67	17.27	19.00
10		1	49	17.45	17.54	17.15	19.00
10		25	0	17.20	17.36	17.00	19.00
10		25	12	17.42	17.52	17.24	19.00
10		25	25	17.36	17.44	17.06	19.00
10		50	0	17.33	17.39	17.10	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.37	22.39	22.15	24.00
5		1	12	22.24	22.46	22.00	24.00
5		1	24	22.22	22.49	22.02	24.00
5		12	0	21.43	21.48	21.20	23.00
5		12	7	21.28	21.46	21.00	23.00
5		12	13	21.27	21.41	21.00	23.00
5		25	0	21.25	21.29	21.04	23.00
5	16QAM	1	0	21.38	21.59	21.00	23.00
5		1	12	21.59	21.64	21.25	23.00
5		1	24	21.61	21.74	21.28	23.00
5		12	0	20.16	20.22	20.01	22.00
5		12	7	20.26	20.40	20.05	22.00
5		12	13	20.25	20.36	20.00	22.00
5		25	0	20.27	20.26	20.01	22.00
5	64QAM	1	0	20.28	20.46	20.06	22.00
5		1	12	20.48	20.61	20.33	22.00
5		1	24	20.45	20.62	20.06	22.00
5		12	0	19.13	19.34	19.01	21.00
5		12	7	19.32	19.39	19.03	21.00
5		12	13	19.22	19.31	19.13	21.00
5		25	0	19.31	19.36	19.00	21.00
5	256QAM	1	0	17.19	17.32	17.00	19.00
5		1	12	17.52	17.56	17.13	19.00
5		1	24	17.40	17.44	17.12	19.00
5		12	0	17.12	17.22	17.00	19.00
5		12	7	17.29	17.50	17.20	19.00
5		12	13	17.33	17.37	17.04	19.00
5		25	0	17.25	17.26	17.01	19.00

<LTE Band 25_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	21.52	21.58	21.49	22.60
20		1	49	21.28	21.44	21.30	22.60
20		1	99	21.24	21.37	21.16	22.60
20		50	0	21.50	21.55	21.44	22.60
20		50	24	21.27	21.44	21.30	22.60
20		50	50	21.37	21.50	21.39	22.60
20		100	0	21.36	21.53	21.34	22.60
20	16QAM	1	0	21.42	21.52	21.40	22.60
20		1	49	21.28	21.38	21.20	22.60
20		1	99	21.38	21.52	21.32	22.60
20		50	0	20.56	20.73	20.36	22.00
20		50	24	20.64	20.73	20.31	22.00
20		50	50	20.58	20.69	20.26	22.00
20		100	0	20.63	20.69	20.27	22.00
20	64QAM	1	0	20.75	20.86	20.42	22.00
20		1	49	20.62	20.87	20.52	22.00
20		1	99	20.70	20.81	20.45	22.00
20		50	0	19.80	19.77	19.33	21.00
20		50	24	19.59	19.75	19.44	21.00
20		50	50	19.63	19.71	19.30	21.00
20		100	0	19.62	19.70	19.39	21.00
20	256QAM	1	0	17.83	17.87	17.49	19.00
20		1	49	17.76	17.81	17.42	19.00
20		1	99	17.73	17.86	17.53	19.00
20		50	0	17.72	17.82	17.42	19.00
20		50	24	17.71	17.81	17.46	19.00
20		50	50	17.66	17.75	17.41	19.00
20		100	0	17.63	17.75	17.38	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	21.50	21.52	21.34	22.60
15		1	37	21.22	21.41	21.21	22.60
15		1	74	21.22	21.24	21.22	22.60
15		36	0	21.48	21.52	21.34	22.60
15		36	20	21.16	21.30	21.23	22.60
15		36	39	21.32	21.38	21.27	22.60
15		75	0	21.30	21.42	21.26	22.60
15	16QAM	1	0	21.33	21.41	21.25	22.60
15		1	37	21.27	21.32	21.13	22.60
15		1	74	21.31	21.45	21.27	22.60
15		36	0	20.47	20.63	20.31	22.00
15		36	20	20.53	20.68	20.28	22.00
15		36	39	20.50	20.62	20.19	22.00
15		75	0	20.62	20.68	20.20	22.00
15	64QAM	1	0	20.72	20.74	20.30	22.00
15		1	37	20.72	20.83	20.50	22.00
15		1	74	20.64	20.68	20.33	22.00
15		36	0	19.58	19.73	19.23	21.00
15		36	20	19.47	19.70	19.41	21.00
15		36	39	19.60	19.70	19.27	21.00
15		75	0	19.49	19.56	19.24	21.00
15	256QAM	1	0	17.70	17.81	17.35	19.00
15		1	37	17.69	17.68	17.41	19.00
15		1	74	17.70	17.73	17.45	19.00
15		36	0	17.61	17.77	17.37	19.00
15		36	20	17.67	17.77	17.32	19.00
15		36	39	17.60	17.72	17.33	19.00
15		75	0	17.58	17.72	17.35	19.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	21.50	21.44	21.47	22.60
10		1	25	21.16	21.35	21.18	22.60
10		1	49	21.21	21.23	21.20	22.60
10		25	0	21.44	21.42	21.31	22.60
10		25	12	21.16	21.42	21.20	22.60
10		25	25	21.26	21.43	21.35	22.60
10		50	0	21.30	21.40	21.19	22.60
10	16QAM	1	0	21.33	21.50	21.31	22.60
10		1	25	21.16	21.37	21.10	22.60
10		1	49	21.34	21.39	21.20	22.60
10		25	0	20.51	20.60	20.26	22.00
10		25	12	20.58	20.69	20.21	22.00
10		25	25	20.46	20.67	20.19	22.00
10		50	0	20.48	20.56	20.24	22.00
10	64QAM	1	0	20.68	20.84	20.37	22.00
10		1	25	20.79	20.76	20.43	22.00
10		1	49	20.68	20.71	20.40	22.00
10		25	0	19.47	19.69	19.26	21.00
10		25	12	19.48	19.65	19.33	21.00
10		25	25	19.53	19.69	19.15	21.00
10		50	0	19.51	19.61	19.37	21.00
10	256QAM	1	0	17.68	17.78	17.38	19.00
10		1	25	17.72	17.76	17.28	19.00
10		1	49	17.62	17.77	17.43	19.00
10		25	0	17.71	17.69	17.40	19.00
10		25	12	17.67	17.74	17.37	19.00
10		25	25	17.60	17.72	17.29	19.00
10		50	0	17.52	17.70	17.27	19.00
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	21.48	21.53	21.38	22.60
5		1	12	21.17	21.32	21.21	22.60
5		1	24	21.18	21.29	21.19	22.60
5		12	0	21.43	21.48	21.31	22.60
5		12	7	21.14	21.43	21.18	22.60
5		12	13	21.25	21.48	21.29	22.60
5		25	0	21.26	21.52	21.21	22.60
5	16QAM	1	0	21.39	21.39	21.38	22.60
5		1	12	21.22	21.28	21.18	22.60
5		1	24	21.35	21.43	21.30	22.60
5		12	0	20.46	20.58	20.34	22.00
5		12	7	20.49	20.61	20.30	22.00
5		12	13	20.46	20.61	20.19	22.00
5		25	0	20.56	20.68	20.22	22.00
5	64QAM	1	0	20.63	20.84	20.28	22.00
5		1	12	20.68	20.73	20.41	22.00
5		1	24	20.65	20.78	20.36	22.00
5		12	0	19.56	19.73	19.29	21.00
5		12	7	19.57	19.62	19.30	21.00
5		12	13	19.51	19.57	19.22	21.00
5		25	0	19.51	19.59	19.33	21.00
5	256QAM	1	0	17.69	17.85	17.47	19.00
5		1	12	17.64	17.78	17.27	19.00
5		1	24	17.61	17.75	17.43	19.00
5		12	0	17.70	17.71	17.41	19.00
5		12	7	17.62	17.73	17.37	19.00
5		12	13	17.53	17.74	17.39	19.00
5		25	0	17.50	17.68	17.27	19.00
Channel				26055	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.38	21.56	21.40	22.60
3		1	8	21.18	21.34	21.25	22.60
3		1	14	21.23	21.23	21.13	22.60
3		8	0	21.47	21.49	21.36	22.60
3		8	4	21.23	21.36	21.28	22.60
3		8	7	21.28	21.38	21.27	22.60
3		15	0	21.33	21.45	21.23	22.60
3	16QAM	1	0	21.30	21.46	21.26	22.60
3		1	8	21.28	21.25	21.22	22.60
3		1	14	21.29	21.49	21.21	22.60
3		8	0	20.50	20.59	20.29	22.00
3		8	4	20.50	20.68	20.22	22.00
3		8	7	20.48	20.59	20.25	22.00
3		15	0	20.54	20.68	20.13	22.00
3	64QAM	1	0	20.64	20.83	20.33	22.00
3		1	8	20.75	20.83	20.49	22.00
3		1	14	20.68	20.78	20.42	22.00
3		8	0	19.49	19.63	19.23	21.00
3		8	4	19.48	19.72	19.40	21.00
3		8	7	19.52	19.59	19.16	21.00
3		15	0	19.56	19.60	19.30	21.00
3	256QAM	1	0	17.75	17.73	17.34	19.00
3		1	8	17.66	17.72	17.31	19.00
3		1	14	17.69	17.83	17.50	19.00
3		8	0	17.64	17.81	17.27	19.00
3		8	4	17.68	17.75	17.31	19.00
3		8	7	17.51	17.62	17.39	19.00
3		15	0	17.49	17.65	17.34	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	21.39	21.45	21.46	22.60
1.4		1	3	21.13	21.36	21.28	22.60
1.4		1	5	21.27	21.35	21.16	22.60
1.4		3	0	21.39	21.48	21.32	22.60
1.4		3	1	21.18	21.39	21.20	22.60
1.4		3	3	21.29	21.36	21.33	22.60
1.4		6	0	21.27	21.40	21.28	22.60
1.4	16QAM	1	0	21.29	21.41	21.30	22.60
1.4		1	3	21.21	21.26	21.17	22.60
1.4		1	5	21.23	21.40	21.25	22.60
1.4		3	0	21.08	21.12	21.03	22.60
1.4		3	1	21.01	21.14	21.04	22.60
1.4		3	3	21.11	21.06	21.01	22.60
1.4		6	0	20.59	20.63	20.25	22.00
1.4	64QAM	1	0	20.67	20.74	20.33	22.00
1.4		1	3	20.78	20.79	20.40	22.00
1.4		1	5	20.68	20.75	20.33	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.00	20.01	20.00	22.00
1.4		3	3	20.02	20.00	20.01	22.00
1.4		6	0	19.47	19.62	19.26	21.00
1.4	256QAM	1	0	17.77	17.77	17.46	19.00
1.4		1	3	17.67	17.78	17.34	19.00
1.4		1	5	17.63	17.74	17.48	19.00
1.4		3	0	17.70	17.73	17.40	19.00
1.4		3	1	17.59	17.72	17.32	19.00
1.4		3	3	17.55	17.66	17.29	19.00
1.4		6	0	17.49	17.65	17.29	19.00

<LTE Band 26_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.63	22.65	22.59	24.00
15		1	37	22.54	22.60	22.46	24.00
15		1	74	22.48	22.57	22.49	24.00
15		36	0	21.42	21.50	21.36	23.00
15		36	20	21.33	21.47	21.26	23.00
15		36	39	21.32	21.48	21.32	23.00
15		75	0	21.41	21.52	21.40	23.00
15	16QAM	1	0	21.64	21.79	21.72	23.00
15		1	37	21.74	21.81	21.70	23.00
15		1	74	21.76	21.83	21.66	23.00
15		36	0	20.37	20.50	20.42	22.00
15		36	20	20.31	20.46	20.37	22.00
15		36	39	20.42	20.50	20.31	22.00
15		75	0	20.47	20.50	20.37	22.00
15	64QAM	1	0	20.54	20.66	20.57	22.00
15		1	37	20.63	20.72	20.62	22.00
15		1	74	20.71	20.82	20.63	22.00
15		36	0	19.44	19.57	19.45	21.00
15		36	20	19.39	19.54	19.45	21.00
15		36	39	19.49	19.57	19.39	21.00
15		75	0	19.40	19.53	19.41	21.00
15	256QAM	1	0	17.67	17.72	17.54	19.00
15		1	37	17.68	17.71	17.57	19.00
15		1	74	17.65	17.70	17.62	19.00
15		36	0	17.53	17.56	17.49	19.00
15		36	20	17.55	17.59	17.41	19.00
15		36	39	17.41	17.58	17.49	19.00
15		75	0	17.50	17.58	17.42	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.58	22.57	22.50	24.00
10		1	25	22.44	22.47	22.42	24.00
10		1	49	22.39	22.47	22.39	24.00
10		25	0	21.40	21.37	21.25	23.00
10		25	12	21.25	21.37	21.25	23.00
10		25	25	21.30	21.39	21.29	23.00
10		50	0	21.28	21.41	21.28	23.00
10	16QAM	1	0	21.50	21.73	21.59	23.00
10		1	25	21.63	21.74	21.62	23.00
10		1	49	21.65	21.70	21.57	23.00
10		25	0	20.30	20.42	20.28	22.00
10		25	12	20.18	20.36	20.34	22.00
10		25	25	20.33	20.46	20.22	22.00
10		50	0	20.34	20.37	20.30	22.00
10	64QAM	1	0	20.40	20.56	20.46	22.00
10		1	25	20.60	20.63	20.56	22.00
10		1	49	20.69	20.74	20.49	22.00
10		25	0	19.35	19.43	19.37	21.00
10		25	12	19.33	19.46	19.40	21.00
10		25	25	19.44	19.51	19.35	21.00
10		50	0	19.32	19.38	19.30	21.00
10	256QAM	1	0	17.65	17.66	17.48	19.00
10		1	25	17.62	17.65	17.42	19.00
10		1	49	17.51	17.66	17.57	19.00
10		25	0	17.44	17.43	17.46	19.00
10		25	12	17.50	17.47	17.36	19.00
10		25	25	17.34	17.45	17.41	19.00
10		50	0	17.40	17.49	17.39	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.55	22.58	22.57	24.00
5		1	12	22.40	22.45	22.40	24.00
5		1	24	22.46	22.54	22.44	24.00
5		12	0	21.37	21.46	21.30	23.00
5		12	7	21.23	21.34	21.13	23.00
5		12	13	21.26	21.35	21.26	23.00
5		25	0	21.38	21.45	21.28	23.00
5	16QAM	1	0	21.63	21.72	21.62	23.00
5		1	12	21.68	21.70	21.59	23.00
5		1	24	21.66	21.78	21.54	23.00
5		12	0	20.29	20.40	20.30	22.00
5		12	7	20.23	20.41	20.35	22.00
5		12	13	20.32	20.48	20.29	22.00
5		25	0	20.36	20.35	20.23	22.00
5	64QAM	1	0	20.50	20.61	20.49	22.00
5		1	12	20.50	20.63	20.56	22.00
5		1	24	20.60	20.78	20.51	22.00
5		12	0	19.40	19.44	19.41	21.00
5		12	7	19.25	19.41	19.44	21.00
5		12	13	19.42	19.56	19.25	21.00
5		25	0	19.30	19.49	19.34	21.00
5	256QAM	1	0	17.58	17.66	17.45	19.00
5		1	12	17.56	17.63	17.45	19.00
5		1	24	17.57	17.68	17.55	19.00
5		12	0	17.42	17.48	17.34	19.00
5		12	7	17.43	17.50	17.35	19.00
5		12	13	17.39	17.54	17.35	19.00
5		25	0	17.38	17.54	17.34	19.00
Channel				26706	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.55	22.61	22.51	24.00
3		1	8	22.45	22.55	22.39	24.00
3		1	14	22.35	22.48	22.34	24.00
3		8	0	21.39	21.37	21.25	23.00
3		8	4	21.29	21.34	21.21	23.00
3		8	7	21.30	21.41	21.29	23.00
3		15	0	21.27	21.49	21.28	23.00
3	16QAM	1	0	21.62	21.76	21.71	23.00
3		1	8	21.59	21.73	21.62	23.00
3		1	14	21.70	21.78	21.57	23.00
3		8	0	20.26	20.40	20.40	22.00
3		8	4	20.24	20.39	20.23	22.00
3		8	7	20.34	20.44	20.18	22.00
3		15	0	20.45	20.44	20.36	22.00
3	64QAM	1	0	20.45	20.51	20.45	22.00
3		1	8	20.51	20.61	20.49	22.00
3		1	14	20.66	20.79	20.53	22.00
3		8	0	19.29	19.52	19.39	21.00
3		8	4	19.38	19.42	19.38	21.00
3		8	7	19.37	19.47	19.28	21.00
3		15	0	19.25	19.44	19.28	21.00
3	256QAM	1	0	17.55	17.60	17.41	19.00
3		1	8	17.60	17.68	17.47	19.00
3		1	14	17.50	17.66	17.50	19.00
3		8	0	17.51	17.54	17.41	19.00
3		8	4	17.52	17.52	17.27	19.00
3		8	7	17.38	17.47	17.38	19.00
3		15	0	17.44	17.43	17.36	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.49	22.52	22.48	24.00
1.4		1	3	22.46	22.56	22.38	24.00
1.4		1	5	22.41	22.50	22.36	24.00
1.4		3	0	22.02	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.00	22.01	22.00	24.00
1.4		6	0	21.38	21.47	21.33	23.00
1.4	16QAM	1	0	21.56	21.74	21.65	23.00
1.4		1	3	21.67	21.75	21.67	23.00
1.4		1	5	21.74	21.76	21.52	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.00	21.01	23.00
1.4		3	3	21.01	21.00	21.00	23.00
1.4		6	0	20.35	20.47	20.29	22.00
1.4	64QAM	1	0	20.48	20.60	20.49	22.00
1.4		1	3	20.60	20.70	20.58	22.00
1.4		1	5	20.57	20.74	20.51	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.00	20.01	20.00	22.00
1.4		6	0	19.26	19.47	19.35	21.00
1.4	256QAM	1	0	17.65	17.70	17.52	19.00
1.4		1	3	17.62	17.57	17.51	19.00
1.4		1	5	17.62	17.66	17.54	19.00
1.4		3	0	17.49	17.44	17.43	19.00
1.4		3	1	17.43	17.49	17.39	19.00
1.4		3	3	17.35	17.43	17.41	19.00
1.4		6	0	17.48	17.54	17.39	19.00

<LTE Band 66_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.88	20.93	20.85	21.80
20		1	49	20.74	20.84	20.67	21.80
20		1	99	20.66	20.79	20.53	21.80
20		50	0	20.81	20.90	20.78	21.80
20		50	24	20.56	20.71	20.60	21.80
20		50	50	20.62	20.69	20.55	21.80
20		100	0	20.72	20.85	20.64	21.80
20	16QAM	1	0	20.64	20.68	20.64	21.80
20		1	49	20.73	20.80	20.70	21.80
20		1	99	20.77	20.87	20.70	21.80
20		50	0	20.06	20.11	20.12	21.80
20		50	24	20.00	20.09	20.03	21.80
20		50	50	20.14	20.19	20.02	21.80
20		100	0	20.14	20.17	20.01	21.80
20	64QAM	1	0	20.06	20.08	20.06	21.80
20		1	49	20.08	20.26	20.12	21.80
20		1	99	20.43	20.57	20.47	21.80
20		50	0	19.07	19.13	19.02	21.00
20		50	24	19.13	19.16	19.13	21.00
20		50	50	19.11	19.22	19.08	21.00
20		100	0	19.09	19.12	19.10	21.00
20	256QAM	1	0	17.13	17.08	17.02	19.00
20		1	49	17.31	17.41	17.28	19.00
20		1	99	17.33	17.42	17.32	19.00
20		50	0	17.11	17.29	17.07	19.00
20		50	24	17.12	17.17	17.11	19.00
20		50	50	17.11	17.16	17.02	19.00
20		100	0	17.11	17.17	17.14	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.85	20.79	20.72	21.80
15		1	37	20.64	20.81	20.60	21.80
15		1	74	20.65	20.58	20.55	21.80
15		36	0	20.68	20.85	20.64	21.80
15		36	20	20.66	20.58	20.65	21.80
15		36	39	20.55	20.59	20.57	21.80
15		75	0	20.74	20.71	20.60	21.80
15	16QAM	1	0	20.56	20.62	20.55	21.80
15		1	37	20.61	20.69	20.58	21.80
15		1	74	20.69	20.75	20.60	21.80
15		36	0	20.14	20.08	20.05	21.80
15		36	20	20.08	20.06	20.14	21.80
15		36	39	20.08	20.11	20.10	21.80
15		75	0	20.14	20.12	20.05	21.80
15	64QAM	1	0	20.05	20.08	20.05	21.80
15		1	37	20.04	20.05	20.13	21.80
15		1	74	20.05	20.05	20.01	21.80
15		36	0	19.06	19.08	19.10	21.00
15		36	20	19.01	19.01	19.08	21.00
15		36	39	19.02	19.10	19.01	21.00
15		75	0	19.04	19.02	19.11	21.00
15	256QAM	1	0	17.07	17.08	17.00	19.00
15		1	37	17.08	17.09	17.04	19.00
15		1	74	17.01	17.09	17.01	19.00
15		36	0	17.13	17.07	17.13	19.00
15		36	20	17.01	17.07	17.06	19.00
15		36	39	17.05	17.03	17.01	19.00
15		75	0	17.10	17.00	17.04	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.76	20.86	20.76	21.80
10		1	25	20.66	20.69	20.63	21.80
10		1	49	20.56	20.66	20.63	21.80
10		25	0	20.78	20.78	20.68	21.80
10		25	12	20.60	20.59	20.64	21.80
10		25	25	20.58	20.54	20.60	21.80
10		50	0	20.63	20.72	20.67	21.80
10	16QAM	1	0	20.59	20.63	20.60	21.80
10		1	25	20.70	20.67	20.59	21.80
10		1	49	20.72	20.78	20.60	21.80
10		25	0	20.06	20.01	20.01	21.80
10		25	12	20.09	20.05	20.13	21.80
10		25	25	20.08	20.05	20.12	21.80
10		50	0	20.10	20.03	20.09	21.80
10	64QAM	1	0	20.06	20.08	20.02	21.80
10		1	25	20.06	20.04	20.09	21.80
10		1	49	20.04	20.09	20.05	21.80
10		25	0	19.11	19.06	19.12	21.00
10		25	12	19.06	19.01	19.07	21.00
10		25	25	19.07	19.15	19.04	21.00
10		50	0	19.01	19.03	19.02	21.00
10	256QAM	1	0	17.02	17.09	17.11	19.00
10		1	25	17.06	17.03	17.04	19.00
10		1	49	17.01	17.14	17.04	19.00
10		25	0	17.11	17.04	17.04	19.00
10		25	12	17.07	17.02	17.00	19.00
10		25	25	17.06	17.14	17.01	19.00
10		50	0	17.07	17.06	17.01	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.78	20.91	20.83	21.80
5		1	12	20.65	20.82	20.64	21.80
5		1	24	20.63	20.68	20.61	21.80
5		12	0	20.77	20.79	20.72	21.80
5		12	7	20.60	20.66	20.61	21.80
5		12	13	20.63	20.58	20.58	21.80
5		25	0	20.66	20.83	20.70	21.80
5	16QAM	1	0	20.62	20.63	20.59	21.80
5		1	12	20.60	20.71	20.66	21.80
5		1	24	20.75	20.79	20.65	21.80
5		12	0	20.05	20.06	20.01	21.80
5		12	7	20.14	20.00	20.06	21.80
5		12	13	20.09	20.12	20.10	21.80
5		25	0	20.07	20.03	20.01	21.80
5	64QAM	1	0	20.05	20.06	20.11	21.80
5		1	12	20.08	20.01	20.05	21.80
5		1	24	20.00	20.02	20.14	21.80
5		12	0	19.06	19.04	19.13	21.00
5		12	7	19.04	19.09	19.02	21.00
5		12	13	19.02	19.07	19.05	21.00
5		25	0	19.12	19.01	19.15	21.00
5	256QAM	1	0	17.15	17.11	17.08	19.00
5		1	12	17.11	17.06	17.05	19.00
5		1	24	17.09	17.06	17.07	19.00
5		12	0	17.15	17.14	17.06	19.00
5		12	7	17.11	17.03	17.01	19.00
5		12	13	17.04	17.14	17.09	19.00
5		25	0	17.02	17.11	17.14	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.81	20.87	20.77	21.80
3		1	8	20.71	20.76	20.69	21.80
3		1	14	20.54	20.64	20.55	21.80
3		8	0	20.69	20.77	20.65	21.80
3		8	4	20.63	20.67	20.64	21.80
3		8	7	20.63	20.60	20.57	21.80
3		15	0	20.76	20.81	20.66	21.80
3	16QAM	1	0	20.56	20.64	20.64	21.80
3		1	8	20.66	20.68	20.58	21.80
3		1	14	20.70	20.79	20.67	21.80
3		8	0	20.02	20.08	20.03	21.80
3		8	4	20.08	20.05	20.14	21.80
3		8	7	20.10	20.12	20.02	21.80
3		15	0	20.08	20.09	20.15	21.80
3	64QAM	1	0	20.12	20.02	20.11	21.80
3		1	8	20.08	20.07	20.11	21.80
3		1	14	20.15	20.06	20.03	21.80
3		8	0	19.12	19.05	19.11	21.00
3		8	4	19.05	19.13	19.05	21.00
3		8	7	19.12	19.06	19.05	21.00
3		15	0	19.01	19.03	19.15	21.00
3	256QAM	1	0	17.00	17.01	17.09	19.00
3		1	8	17.00	17.01	17.04	19.00
3		1	14	17.06	17.13	17.04	19.00
3		8	0	17.01	17.11	17.03	19.00
3		8	4	17.02	17.05	17.09	19.00
3		8	7	17.05	17.10	17.06	19.00
3		15	0	17.02	17.01	17.09	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.75	20.80	20.70	21.80
1.4		1	3	20.62	20.72	20.65	21.80
1.4		1	5	20.59	20.61	20.57	21.80
1.4		3	0	20.70	20.88	20.76	21.80
1.4		3	1	20.54	20.61	20.67	21.80
1.4		3	3	20.59	20.62	20.53	21.80
1.4		6	0	20.71	20.72	20.58	21.80
1.4	16QAM	1	0	20.62	20.56	20.60	21.80
1.4		1	3	20.61	20.67	20.58	21.80
1.4		1	5	20.68	20.74	20.63	21.80
1.4		3	0	20.55	20.61	20.58	21.80
1.4		3	1	20.54	20.54	20.51	21.80
1.4		3	3	20.55	20.63	20.53	21.80
1.4		6	0	20.01	20.14	20.11	21.80
1.4	64QAM	1	0	20.02	20.05	20.06	21.80
1.4		1	3	20.01	20.06	20.01	21.80
1.4		1	5	20.07	20.02	20.01	21.80
1.4		3	0	20.15	20.02	20.07	21.80
1.4		3	1	20.02	20.13	20.02	21.80
1.4		3	3	20.04	20.11	20.03	21.80
1.4		6	0	19.05	19.07	19.10	21.00
1.4	256QAM	1	0	17.14	17.06	17.09	19.00
1.4		1	3	17.11	17.09	17.14	19.00
1.4		1	5	17.06	17.06	17.09	19.00
1.4		3	0	17.08	17.11	17.10	19.00
1.4		3	1	17.11	17.13	17.09	19.00
1.4		3	3	17.06	17.12	17.03	19.00
1.4		6	0	17.09	17.11	17.04	19.00

<LTE Band 71_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.61	22.66	22.55	24.00
20		1	49	22.47	22.57	22.37	24.00
20		1	99	22.31	22.49	22.36	24.00
20		50	0	21.42	21.62	21.38	23.00
20		50	24	21.44	21.51	21.36	23.00
20		50	50	21.39	21.53	21.39	23.00
20		100	0	21.41	21.55	21.32	23.00
20	16QAM	1	0	21.79	21.86	21.69	23.00
20		1	49	21.80	21.89	21.73	23.00
20		1	99	21.79	21.89	21.72	23.00
20		50	0	20.54	20.60	20.45	22.00
20		50	24	20.35	20.54	20.31	22.00
20		50	50	20.42	20.52	20.37	22.00
20		100	0	20.41	20.53	20.34	22.00
20	64QAM	1	0	20.79	20.85	20.73	22.00
20		1	49	20.70	20.76	20.59	22.00
20		1	99	20.51	20.70	20.55	22.00
20		50	0	19.60	19.66	19.50	21.00
20		50	24	19.44	19.60	19.43	21.00
20		50	50	19.54	19.61	19.42	21.00
20		100	0	19.57	19.63	19.45	21.00
20	256QAM	1	0	17.63	17.80	17.64	19.00
20		1	49	17.60	17.66	17.55	19.00
20		1	99	17.49	17.61	17.44	19.00
20		50	0	17.54	17.65	17.53	19.00
20		50	24	17.49	17.59	17.38	19.00
20		50	50	17.40	17.56	17.36	19.00
20		100	0	17.45	17.57	17.43	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.48	22.59	22.49	24.00
15		1	37	22.34	22.55	22.33	24.00
15		1	74	22.25	22.38	22.24	24.00
15		36	0	21.33	21.57	21.28	23.00
15		36	20	21.37	21.38	21.35	23.00
15		36	39	21.36	21.42	21.29	23.00
15		75	0	21.38	21.48	21.26	23.00
15	16QAM	1	0	21.70	21.73	21.65	23.00
15		1	37	21.69	21.82	21.60	23.00
15		1	74	21.71	21.78	21.67	23.00
15		36	0	20.48	20.55	20.34	22.00
15		36	20	20.21	20.50	20.19	22.00
15		36	39	20.40	20.39	20.33	22.00
15		75	0	20.30	20.41	20.26	22.00
15	64QAM	1	0	20.73	20.74	20.72	22.00
15		1	37	20.55	20.72	20.49	22.00
15		1	74	20.49	20.62	20.41	22.00
15		36	0	19.55	19.65	19.41	21.00
15		36	20	19.40	19.58	19.35	21.00
15		36	39	19.46	19.48	19.30	21.00
15		75	0	19.53	19.54	19.41	21.00
15	256QAM	1	0	17.55	17.77	17.59	19.00
15		1	37	17.48	17.62	17.45	19.00
15		1	74	17.44	17.53	17.40	19.00
15		36	0	17.49	17.59	17.47	19.00
15		36	20	17.43	17.50	17.32	19.00
15		36	39	17.35	17.47	17.23	19.00
15		75	0	17.38	17.45	17.29	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.58	22.56	22.51	24.00
10		1	25	22.37	22.51	22.30	24.00
10		1	49	22.22	22.40	22.30	24.00
10		25	0	21.29	21.57	21.33	23.00
10		25	12	21.36	21.49	21.33	23.00
10		25	25	21.24	21.42	21.34	23.00
10		50	0	21.28	21.53	21.24	23.00
10	16QAM	1	0	21.78	21.81	21.57	23.00
10		1	25	21.69	21.79	21.60	23.00
10		1	49	21.66	21.76	21.61	23.00
10		25	0	20.51	20.47	20.38	22.00
10		25	12	20.34	20.48	20.26	22.00
10		25	25	20.36	20.47	20.24	22.00
10		50	0	20.35	20.39	20.25	22.00
10	64QAM	1	0	20.74	20.80	20.66	22.00
10		1	25	20.58	20.70	20.55	22.00
10		1	49	20.48	20.63	20.49	22.00
10		25	0	19.54	19.65	19.46	21.00
10		25	12	19.34	19.55	19.32	21.00
10		25	25	19.45	19.48	19.30	21.00
10		50	0	19.45	19.50	19.43	21.00
10	256QAM	1	0	17.61	17.77	17.61	19.00
10		1	25	17.49	17.58	17.43	19.00
10		1	49	17.40	17.50	17.32	19.00
10		25	0	17.43	17.59	17.46	19.00
10		25	12	17.47	17.52	17.30	19.00
10		25	25	17.29	17.54	17.34	19.00
10		50	0	17.43	17.46	17.39	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.53	22.52	22.52	24.00
5		1	12	22.42	22.53	22.36	24.00
5		1	24	22.25	22.38	22.24	24.00
5		12	0	21.36	21.58	21.24	23.00
5		12	7	21.32	21.48	21.34	23.00
5		12	13	21.30	21.44	21.34	23.00
5		25	0	21.30	21.40	21.24	23.00
5	16QAM	1	0	21.73	21.83	21.65	23.00
5		1	12	21.71	21.74	21.70	23.00
5		1	24	21.70	21.74	21.60	23.00
5		12	0	20.51	20.55	20.36	22.00
5		12	7	20.21	20.53	20.30	22.00
5		12	13	20.39	20.50	20.36	22.00
5		25	0	20.30	20.42	20.31	22.00
5	64QAM	1	0	20.73	20.76	20.68	22.00
5		1	12	20.68	20.61	20.58	22.00
5		1	24	20.37	20.64	20.53	22.00
5		12	0	19.57	19.53	19.38	21.00
5		12	7	19.36	19.52	19.37	21.00
5		12	13	19.41	19.48	19.31	21.00
5		25	0	19.45	19.58	19.36	21.00
5	256QAM	1	0	17.58	17.76	17.53	19.00
5		1	12	17.50	17.61	17.47	19.00
5		1	24	17.34	17.48	17.30	19.00
5		12	0	17.44	17.62	17.39	19.00
5		12	7	17.35	17.56	17.34	19.00
5		12	13	17.33	17.44	17.27	19.00
5		25	0	17.39	17.45	17.28	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.65	22.82	22.80	22.68	24.00
20		1	49	22.39	22.59	22.50	22.33	24.00
20		1	99	22.37	22.69	22.64	22.51	24.00
20		50	0	21.33	21.56	21.42	21.41	23.00
20		50	24	21.24	21.51	21.45	21.23	23.00
20		50	50	21.32	21.55	21.40	21.29	23.00
20		100	0	21.28	21.53	21.42	21.34	23.00
20	16QAM	1	0	21.29	21.53	21.40	21.31	23.00
20		1	49	21.24	21.54	21.50	21.38	23.00
20		1	99	21.45	21.64	21.58	21.46	23.00
20		50	0	20.22	20.51	20.41	20.29	22.00
20		50	24	20.36	20.55	20.43	20.40	22.00
20		50	50	20.34	20.58	20.49	20.37	22.00
20		100	0	20.27	20.57	20.45	20.32	22.00
20	64QAM	1	0	20.01	20.20	20.08	20.00	22.00
20		1	49	20.01	20.18	20.04	20.01	22.00
20		1	99	20.09	20.31	20.17	20.11	22.00
20		50	0	19.31	19.57	19.51	19.41	21.00
20		50	24	19.34	19.59	19.51	19.34	21.00
20		50	50	19.39	19.62	19.55	19.44	21.00
20		100	0	19.34	19.58	19.42	19.34	21.00
20	256QAM	1	0	17.17	17.43	17.38	17.23	19.00
20		1	49	17.27	17.51	17.48	17.28	19.00
20		1	99	17.34	17.56	17.40	17.32	19.00
20		50	0	17.53	17.69	17.62	17.48	19.00
20		50	24	17.51	17.73	17.67	17.48	19.00
20		50	50	17.61	17.76	17.65	17.61	19.00
20		100	0	17.46	17.69	17.60	17.50	19.00
Channel				55315	55829	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.50	22.78	22.78	22.62	24.00
15		1	37	22.27	22.49	22.49	22.20	24.00
15		1	74	22.34	22.65	22.50	22.41	24.00
15		36	0	21.30	21.55	21.27	21.27	23.00
15		36	20	21.19	21.44	21.37	21.13	23.00
15		36	39	21.19	21.54	21.35	21.22	23.00
15		75	0	21.27	21.40	21.33	21.27	23.00
15	16QAM	1	0	21.18	21.48	21.37	21.27	23.00
15		1	37	21.14	21.40	21.37	21.33	23.00
15		1	74	21.32	21.50	21.55	21.32	23.00
15		36	0	20.10	20.47	20.30	20.23	22.00
15		36	20	20.24	20.45	20.30	20.28	22.00
15		36	39	20.26	20.47	20.48	20.28	22.00
15		75	0	20.20	20.46	20.39	20.23	22.00
15	64QAM	1	0	20.00	20.17	20.04	20.00	22.00
15		1	37	20.00	20.07	20.02	20.00	22.00
15		1	74	20.00	20.26	20.03	20.00	22.00
15		36	0	19.29	19.49	19.46	19.27	21.00
15		36	20	19.22	19.49	19.47	19.33	21.00
15		36	39	19.25	19.48	19.54	19.33	21.00
15		75	0	19.24	19.54	19.31	19.21	21.00
15	256QAM	1	0	17.09	17.29	17.34	17.14	19.00
15		1	37	17.20	17.43	17.46	17.17	19.00
15		1	74	17.29	17.51	17.37	17.22	19.00
15		36	0	17.43	17.66	17.48	17.42	19.00
15		36	20	17.39	17.62	17.61	17.43	19.00
15		36	39	17.48	17.67	17.64	17.51	19.00
15		75	0	17.43	17.55	17.48	17.35	19.00
Channel				55290	55815	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.56	22.72	22.79	22.62	24.00
10		1	25	22.34	22.51	22.45	22.20	24.00
10		1	49	22.33	22.55	22.51	22.42	24.00
10		25	0	21.29	21.52	21.37	21.37	23.00
10		25	12	21.20	21.39	21.34	21.09	23.00
10		25	25	21.30	21.50	21.25	21.15	23.00
10		50	0	21.20	21.40	21.37	21.32	23.00
10	16QAM	1	0	21.28	21.43	21.27	21.28	23.00
10		1	25	21.10	21.46	21.44	21.35	23.00
10		1	49	21.38	21.50	21.52	21.32	23.00
10		25	0	20.08	20.45	20.27	20.21	22.00
10		25	12	20.33	20.47	20.28	20.36	22.00
10		25	25	20.22	20.47	20.36	20.25	22.00
10		50	0	20.21	20.43	20.41	20.27	22.00
10	64QAM	1	0	20.00	20.15	20.04	20.00	22.00
10		1	25	20.00	20.07	20.02	20.01	22.00
10		1	49	20.03	20.23	20.02	20.00	22.00
10		25	0	19.17	19.55	19.47	19.36	21.00
10		25	12	19.27	19.48	19.48	19.20	21.00
10		25	25	19.30	19.57	19.45	19.32	21.00
10		50	0	19.29	19.55	19.32	19.21	21.00
10	256QAM	1	0	17.14	17.32	17.33	17.18	19.00
10		1	25	17.13	17.50	17.42	17.20	19.00
10		1	49	17.25	17.46	17.34	17.25	19.00
10		25	0	17.50	17.63	17.47	17.37	19.00
10		25	12	17.42	17.68	17.53	17.33	19.00
10		25	25	17.49	17.69	17.60	17.60	19.00
10		50	0	17.35	17.62	17.48	17.37	19.00
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.60	22.70	22.72	22.55	24.00
5		1	12	22.37	22.54	22.38	22.19	24.00
5		1	24	22.25	22.58	22.63	22.50	24.00
5		12	0	21.23	21.43	21.40	21.39	23.00
5		12	7	21.21	21.45	21.30	21.21	23.00
5		12	13	21.28	21.53	21.33	21.17	23.00
5		25	0	21.20	21.50	21.37	21.27	23.00
5	16QAM	1	0	21.25	21.51	21.30	21.22	23.00
5		1	12	21.13	21.42	21.39	21.31	23.00
5		1	24	21.40	21.58	21.50	21.33	23.00
5		12	0	20.13	20.44	20.37	20.24	22.00
5		12	7	20.31	20.45	20.38	20.30	22.00
5		12	13	20.19	20.50	20.47	20.26	22.00
5		25	0	20.20	20.53	20.40	20.18	22.00
5	64QAM	1	0	20.01	20.19	20.01	20.01	22.00
5		1	12	20.00	20.05	20.03	20.00	22.00
5		1	24	20.01	20.20	20.13	20.00	22.00
5		12	0	19.27	19.54	19.40	19.33	21.00
5		12	7	19.21	19.53	19.39	19.26	21.00
5		12	13	19.29	19.58	19.46	19.35	21.00
5		25	0	19.26	19.55	19.35	19.32	21.00
5	256QAM	1	0	17.06	17.32	17.24	17.10	19.00
5		1	12	17.21	17.45	17.44	17.15	19.00
5		1	24	17.32	17.46	17.32	17.24	19.00
5		12	0	17.45	17.59	17.53	17.41	19.00
5		12	7	17.44	17.67	17.62	17.46	19.00
5		12	13	17.51	17.73	17.56	17.49	19.00
5		25	0	17.36	17.65	17.47	17.47	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.63	22.80	22.68	24.00
20		1	49	22.59	22.78	22.51	24.00
20		1	99	22.48	22.78	22.55	24.00
20		50	0	21.50	21.79	21.59	23.00
20		50	24	21.51	21.75	21.56	23.00
20		50	50	21.53	21.78	21.58	23.00
20		100	0	21.53	21.77	21.61	23.00
20	16QAM	1	0	21.66	21.97	21.74	23.00
20		1	49	21.69	21.97	21.81	23.00
20		1	99	21.88	22.16	22.01	23.00
20		50	0	20.49	20.77	20.56	22.00
20		50	24	20.52	20.78	20.62	22.00
20		50	50	20.57	20.78	20.60	22.00
20		100	0	20.47	20.77	20.56	22.00
20	64QAM	1	0	20.61	20.90	20.64	22.00
20		1	49	20.67	20.97	20.75	22.00
20		1	99	20.80	21.06	20.92	22.00
20		50	0	19.55	19.78	19.62	21.00
20		50	24	19.53	19.79	19.64	21.00
20		50	50	19.57	19.82	19.62	21.00
20		100	0	19.57	19.79	19.67	21.00
20	256QAM	1	0	17.61	17.85	17.65	19.00
20		1	49	17.66	17.92	17.70	19.00
20		1	99	17.70	17.93	17.80	19.00
20		50	0	17.54	17.82	17.67	19.00
20		50	24	17.63	17.81	17.69	19.00
20		50	50	17.64	17.81	17.64	19.00
20		100	0	17.56	17.82	17.65	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.55	22.70	22.63	24.00
15		1	37	22.45	22.67	22.39	24.00
15		1	74	22.45	22.67	22.41	24.00
15		36	0	21.46	21.72	21.52	23.00
15		36	20	21.49	21.65	21.42	23.00
15		36	39	21.42	21.64	21.44	23.00
15		75	0	21.48	21.64	21.49	23.00
15	16QAM	1	0	21.63	21.83	21.65	23.00
15		1	37	21.64	21.84	21.70	23.00
15		1	74	21.85	22.01	21.92	23.00
15		36	0	20.44	20.66	20.52	22.00
15		36	20	20.50	20.65	20.48	22.00
15		36	39	20.49	20.66	20.55	22.00
15		75	0	20.35	20.71	20.43	22.00
15	64QAM	1	0	20.52	20.81	20.60	22.00
15		1	37	20.55	20.92	20.64	22.00
15		1	74	20.65	20.99	20.86	22.00
15		36	0	19.46	19.69	19.55	21.00
15		36	20	19.41	19.66	19.51	21.00
15		36	39	19.52	19.75	19.48	21.00
15		75	0	19.52	19.68	19.62	21.00
15	256QAM	1	0	17.59	17.79	17.55	19.00
15		1	37	17.57	17.83	17.64	19.00
15		1	74	17.61	17.86	17.67	19.00
15		36	0	17.51	17.78	17.53	19.00
15		36	20	17.57	17.72	17.63	19.00
15		36	39	17.51	17.77	17.52	19.00
15		75	0	17.41	17.68	17.63	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
10	QPSK	1	0	22.53	22.73	22.56	24.00
10		1	25	22.48	22.70	22.37	24.00
10		1	49	22.46	22.71	22.46	24.00
10		25	0	21.45	21.77	21.49	23.00
10		25	12	21.41	21.63	21.49	23.00
10		25	25	21.47	21.75	21.45	23.00
10		50	0	21.52	21.63	21.54	23.00
10	16QAM	1	0	21.54	21.90	21.73	23.00
10		1	25	21.58	21.88	21.72	23.00
10		1	49	21.85	22.15	21.96	23.00
10		25	0	20.36	20.67	20.53	22.00
10		25	12	20.44	20.75	20.51	22.00
10		25	25	20.55	20.68	20.54	22.00
10		50	0	20.39	20.62	20.53	22.00
10	64QAM	1	0	20.58	20.82	20.50	22.00
10		1	25	20.57	20.89	20.68	22.00
10		1	49	20.73	21.01	20.86	22.00
10		25	0	19.44	19.75	19.59	21.00
10		25	12	19.46	19.73	19.53	21.00
10		25	25	19.49	19.69	19.50	21.00
10		50	0	19.52	19.65	19.58	21.00
10	256QAM	1	0	17.56	17.74	17.60	19.00
10		1	25	17.54	17.84	17.60	19.00
10		1	49	17.59	17.88	17.77	19.00
10		25	0	17.40	17.75	17.57	19.00
10		25	12	17.60	17.67	17.59	19.00
10		25	25	17.59	17.74	17.54	19.00
10		50	0	17.50	17.77	17.60	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.56	22.70	22.63	24.00
5		1	12	22.53	22.68	22.47	24.00
5		1	24	22.42	22.75	22.48	24.00
5		12	0	21.38	21.77	21.46	23.00
5		12	7	21.37	21.69	21.51	23.00
5		12	13	21.45	21.65	21.56	23.00
5		25	0	21.51	21.72	21.57	23.00
5	16QAM	1	0	21.64	21.95	21.64	23.00
5		1	12	21.67	21.82	21.66	23.00
5		1	24	21.77	22.07	21.86	23.00
5		12	0	20.47	20.68	20.42	22.00
5		12	7	20.43	20.65	20.58	22.00
5		12	13	20.52	20.67	20.47	22.00
5		25	0	20.43	20.66	20.46	22.00
5	64QAM	1	0	20.56	20.76	20.54	22.00
5		1	12	20.59	20.86	20.71	22.00
5		1	24	20.66	21.04	20.84	22.00
5		12	0	19.48	19.69	19.57	21.00
5		12	7	19.48	19.74	19.58	21.00
5		12	13	19.44	19.79	19.52	21.00
5		25	0	19.53	19.71	19.64	21.00
5	256QAM	1	0	17.53	17.72	17.63	19.00
5		1	12	17.62	17.82	17.57	19.00
5		1	24	17.57	17.91	17.67	19.00
5		12	0	17.46	17.70	17.53	19.00
5		12	7	17.57	17.79	17.55	19.00
5		12	13	17.62	17.66	17.57	19.00
5		25	0	17.51	17.75	17.59	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.54	22.71	22.59	24.00
3		1	8	22.56	22.73	22.38	24.00
3		1	14	22.41	22.66	22.51	24.00
3		8	0	21.39	21.75	21.52	23.00
3		8	4	21.41	21.61	21.50	23.00
3		8	7	21.39	21.70	21.56	23.00
3		15	0	21.44	21.67	21.59	23.00
3	16QAM	1	0	21.53	21.94	21.69	23.00
3		1	8	21.68	21.90	21.69	23.00
3		1	14	21.83	22.13	21.98	23.00
3		8	0	20.48	20.72	20.51	22.00
3		8	4	20.49	20.65	20.53	22.00
3		8	7	20.49	20.70	20.53	22.00
3		15	0	20.39	20.65	20.43	22.00
3	64QAM	1	0	20.59	20.89	20.53	22.00
3		1	8	20.62	20.91	20.70	22.00
3		1	14	20.75	20.91	20.81	22.00
3		8	0	19.51	19.72	19.49	21.00
3		8	4	19.52	19.77	19.60	21.00
3		8	7	19.43	19.75	19.57	21.00
3		15	0	19.46	19.76	19.58	21.00
3	256QAM	1	0	17.56	17.70	17.54	19.00
3		1	8	17.52	17.87	17.68	19.00
3		1	14	17.62	17.91	17.75	19.00
3		8	0	17.46	17.75	17.65	19.00
3		8	4	17.52	17.69	17.67	19.00
3		8	7	17.59	17.80	17.61	19.00
3		15	0	17.45	17.77	17.51	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.50	22.76	22.58	24.00
1.4		1	3	22.50	22.68	22.45	24.00
1.4		1	5	22.35	22.74	22.42	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.00	22.00	22.00	24.00
1.4		3	3	22.01	22.00	22.00	24.00
1.4		6	0	21.40	21.65	21.59	23.00
1.4	16QAM	1	0	21.59	21.88	21.59	23.00
1.4		1	3	21.67	21.88	21.79	23.00
1.4		1	5	21.79	22.11	21.88	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.00	21.02	21.01	23.00
1.4		3	3	21.02	21.01	21.01	23.00
1.4		6	0	20.39	20.69	20.52	22.00
1.4	64QAM	1	0	20.50	20.79	20.53	22.00
1.4		1	3	20.61	20.86	20.60	22.00
1.4		1	5	20.71	20.91	20.91	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.55	19.68	19.55	21.00
1.4	256QAM	1	0	17.54	17.82	17.61	19.00
1.4		1	3	17.56	17.80	17.56	19.00
1.4		1	5	17.67	17.87	17.72	19.00
1.4		3	0	17.39	17.78	17.53	19.00
1.4		3	1	17.52	17.76	17.67	19.00
1.4		3	3	17.57	17.70	17.50	19.00
1.4		6	0	17.50	17.78	17.63	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.75	22.90	22.75	24.00
20		1	49	22.61	22.84	22.62	24.00
20		1	99	22.67	22.89	22.66	24.00
20		50	0	21.73	21.93	21.66	23.00
20		50	24	21.57	21.81	21.60	23.00
20		50	50	21.65	21.91	21.74	23.00
20		100	0	21.63	21.89	21.67	23.00
20	16QAM	1	0	21.79	22.07	21.88	23.00
20		1	49	21.95	22.14	21.96	23.00
20		1	99	22.01	22.17	21.93	23.00
20		50	0	20.61	20.83	20.61	22.00
20		50	24	20.65	20.85	20.64	22.00
20		50	50	20.67	20.92	20.71	22.00
20		100	0	20.61	20.86	20.63	22.00
20	64QAM	1	0	20.74	20.92	20.65	22.00
20		1	49	20.87	21.09	20.85	22.00
20		1	99	20.87	21.13	20.88	22.00
20		50	0	19.56	19.82	19.66	21.00
20		50	24	19.67	19.89	19.71	21.00
20		50	50	19.73	19.96	19.80	21.00
20		100	0	19.66	19.90	19.65	21.00
20	256QAM	1	0	17.62	17.87	17.72	19.00
20		1	49	17.76	17.99	17.75	19.00
20		1	99	17.70	17.97	17.75	19.00
20		50	0	17.67	17.80	17.56	19.00
20		50	24	17.71	17.86	17.67	19.00
20		50	50	17.65	17.90	17.67	19.00
20		100	0	17.67	17.87	17.62	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.68	22.85	22.67	24.00
15		1	37	22.47	22.72	22.57	24.00
15		1	74	22.63	22.77	22.56	24.00
15		36	0	21.72	21.90	21.54	23.00
15		36	20	21.47	21.76	21.52	23.00
15		36	39	21.61	21.88	21.68	23.00
15		75	0	21.57	21.81	21.54	23.00
15	16QAM	1	0	21.72	21.99	21.79	23.00
15		1	37	21.83	22.07	21.94	23.00
15		1	74	21.89	22.13	21.81	23.00
15		36	0	20.49	20.73	20.50	22.00
15		36	20	20.61	20.78	20.51	22.00
15		36	39	20.56	20.80	20.67	22.00
15		75	0	20.51	20.74	20.57	22.00
15	64QAM	1	0	20.64	20.79	20.61	22.00
15		1	37	20.81	20.95	20.80	22.00
15		1	74	20.74	21.07	20.81	22.00
15		36	0	19.45	19.77	19.59	21.00
15		36	20	19.53	19.76	19.66	21.00
15		36	39	19.61	19.86	19.77	21.00
15		75	0	19.60	19.88	19.62	21.00
15	256QAM	1	0	17.49	17.84	17.68	19.00
15		1	37	17.71	17.91	17.65	19.00
15		1	74	17.60	17.84	17.73	19.00
15		36	0	17.56	17.73	17.53	19.00
15		36	20	17.67	17.84	17.56	19.00
15		36	39	17.63	17.79	17.60	19.00
15		75	0	17.54	17.72	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.71	22.86	22.62	24.00
10		1	25	22.57	22.69	22.61	24.00
10		1	49	22.59	22.77	22.49	24.00
10		25	0	21.64	21.84	21.54	23.00
10		25	12	21.47	21.68	21.58	23.00
10		25	25	21.55	21.81	21.71	23.00
10		50	0	21.56	21.83	21.59	23.00
10	16QAM	1	0	21.70	21.97	21.74	23.00
10		1	25	21.87	22.10	21.94	23.00
10		1	49	21.93	22.05	21.78	23.00
10		25	0	20.56	20.76	20.50	22.00
10		25	12	20.51	20.84	20.63	22.00
10		25	25	20.62	20.84	20.64	22.00
10		50	0	20.51	20.83	20.52	22.00
10	64QAM	1	0	20.62	20.86	20.53	22.00
10		1	25	20.73	20.99	20.81	22.00
10		1	49	20.85	21.04	20.76	22.00
10		25	0	19.42	19.78	19.57	21.00
10		25	12	19.58	19.77	19.67	21.00
10		25	25	19.61	19.89	19.69	21.00
10		50	0	19.61	19.89	19.58	21.00
10	256QAM	1	0	17.49	17.76	17.60	19.00
10		1	25	17.66	17.94	17.62	19.00
10		1	49	17.68	17.88	17.73	19.00
10		25	0	17.65	17.72	17.43	19.00
10		25	12	17.69	17.81	17.64	19.00
10		25	25	17.57	17.79	17.52	19.00
10		50	0	17.58	17.75	17.55	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.65	22.81	22.71	24.00
5		1	12	22.54	22.80	22.56	24.00
5		1	24	22.65	22.77	22.54	24.00
5		12	0	21.70	21.79	21.58	23.00
5		12	7	21.49	21.80	21.48	23.00
5		12	13	21.54	21.76	21.62	23.00
5		25	0	21.61	21.80	21.55	23.00
5	16QAM	1	0	21.77	22.05	21.84	23.00
5		1	12	21.85	22.05	21.88	23.00
5		1	24	21.87	22.09	21.81	23.00
5		12	0	20.50	20.78	20.54	22.00
5		12	7	20.62	20.81	20.57	22.00
5		12	13	20.53	20.82	20.62	22.00
5		25	0	20.46	20.72	20.53	22.00
5	64QAM	1	0	20.73	20.85	20.63	22.00
5		1	12	20.84	20.98	20.74	22.00
5		1	24	20.84	21.00	20.87	22.00
5		12	0	19.52	19.67	19.60	21.00
5		12	7	19.64	19.77	19.64	21.00
5		12	13	19.70	19.89	19.78	21.00
5		25	0	19.51	19.79	19.58	21.00
5	256QAM	1	0	17.57	17.79	17.57	19.00
5		1	12	17.63	17.86	17.63	19.00
5		1	24	17.65	17.93	17.62	19.00
5		12	0	17.66	17.69	17.54	19.00
5		12	7	17.59	17.84	17.56	19.00
5		12	13	17.55	17.82	17.56	19.00
5		25	0	17.61	17.78	17.48	19.00
Channel				19963	20175	20387	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.67	22.85	22.69	24.00
3		1	8	22.56	22.74	22.54	24.00
3		1	14	22.65	22.86	22.55	24.00
3		8	0	21.70	21.90	21.62	23.00
3		8	4	21.55	21.78	21.53	23.00
3		8	7	21.64	21.77	21.72	23.00
3		15	0	21.60	21.85	21.61	23.00
3	16QAM	1	0	21.75	22.04	21.77	23.00
3		1	8	21.86	22.08	21.89	23.00
3		1	14	21.89	22.05	21.90	23.00
3		8	0	20.52	20.81	20.56	22.00
3		8	4	20.54	20.70	20.50	22.00
3		8	7	20.60	20.86	20.62	22.00
3		15	0	20.54	20.82	20.57	22.00
3	64QAM	1	0	20.71	20.86	20.58	22.00
3		1	8	20.81	21.02	20.71	22.00
3		1	14	20.73	21.03	20.82	22.00
3		8	0	19.41	19.69	19.57	21.00
3		8	4	19.52	19.81	19.60	21.00
3		8	7	19.66	19.84	19.71	21.00
3		15	0	19.55	19.88	19.56	21.00
3	256QAM	1	0	17.60	17.83	17.58	19.00
3		1	8	17.67	17.95	17.61	19.00
3		1	14	17.55	17.89	17.72	19.00
3		8	0	17.63	17.69	17.51	19.00
3		8	4	17.62	17.74	17.65	19.00
3		8	7	17.61	17.88	17.57	19.00
3		15	0	17.56	17.78	17.60	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.60	22.82	22.67	24.00
1.4		1	3	22.56	22.70	22.48	24.00
1.4		1	5	22.60	22.85	22.49	24.00
1.4		3	0	22.01	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.01	22.00	24.00
1.4		6	0	21.52	21.80	21.56	23.00
1.4	16QAM	1	0	21.77	21.93	21.73	23.00
1.4		1	3	21.92	22.05	21.88	23.00
1.4		1	5	21.97	22.14	21.83	23.00
1.4		3	0	21.00	21.02	21.01	23.00
1.4		3	1	21.00	21.00	21.00	23.00
1.4		3	3	21.00	21.00	21.02	23.00
1.4		6	0	20.60	20.71	20.54	22.00
1.4	64QAM	1	0	20.72	20.90	20.53	22.00
1.4		1	3	20.74	20.97	20.79	22.00
1.4		1	5	20.78	21.07	20.78	22.00
1.4		3	0	20.00	20.01	20.00	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.02	20.02	22.00
1.4		6	0	19.63	19.86	19.53	21.00
1.4	256QAM	1	0	17.55	17.85	17.65	19.00
1.4		1	3	17.67	17.97	17.66	19.00
1.4		1	5	17.67	17.94	17.67	19.00
1.4		3	0	17.65	17.67	17.44	19.00
1.4		3	1	17.65	17.75	17.58	19.00
1.4		3	3	17.62	17.80	17.55	19.00
1.4		6	0	17.59	17.85	17.49	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.97	22.98	22.95	24.00
10		1	25	22.80	22.89	22.82	24.00
10		1	49	22.01	22.00	22.00	24.00
10		25	0	21.80	21.93	21.84	23.00
10		25	12	21.82	21.91	21.78	23.00
10		25	25	21.77	21.91	21.75	23.00
10		50	0	21.86	21.92	21.82	23.00
10	16QAM	1	0	22.18	22.29	22.23	23.00
10		1	25	22.06	22.15	21.99	23.00
10		1	49	22.01	22.14	22.06	23.00
10		25	0	20.81	20.90	20.78	22.00
10		25	12	20.74	20.89	20.83	22.00
10		25	25	20.75	20.88	20.82	22.00
10		50	0	20.76	20.91	20.84	22.00
10	64QAM	1	0	21.00	21.07	20.96	22.00
10		1	25	21.00	21.09	20.98	22.00
10		1	49	21.05	21.09	21.00	22.00
10		25	0	19.86	19.89	19.84	21.00
10		25	12	19.74	19.87	19.78	21.00
10		25	25	19.73	19.88	19.83	21.00
10		50	0	19.80	19.90	19.76	21.00
10	256QAM	1	0	17.99	18.03	17.97	19.00
10		1	25	17.85	17.98	17.94	19.00
10		1	49	17.88	17.91	17.79	19.00
10		25	0	17.81	17.93	17.84	19.00
10		25	12	17.87	17.95	17.87	19.00
10		25	25	17.83	17.91	17.82	19.00
10		50	0	17.86	17.93	17.85	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	846.5	
5	QPSK	1	0	22.85	22.90	22.87	24.00
5		1	12	22.74	22.80	22.71	24.00
5		1	24	22.02	22.02	22.00	24.00
5		12	0	21.71	21.79	21.75	23.00
5		12	7	21.71	21.88	21.67	23.00
5		12	13	21.68	21.88	21.65	23.00
5		25	0	21.73	21.88	21.68	23.00
5	16QAM	1	0	22.17	22.19	22.14	23.00
5		1	12	21.99	22.01	21.98	23.00
5		1	24	21.87	22.02	22.02	23.00
5		12	0	20.71	20.83	20.70	22.00
5		12	7	20.71	20.85	20.70	22.00
5		12	13	20.62	20.82	20.75	22.00
5		25	0	20.62	20.79	20.74	22.00
5	64QAM	1	0	20.89	21.05	20.91	22.00
5		1	12	20.96	21.04	20.89	22.00
5		1	24	20.92	21.06	20.97	22.00
5		12	0	19.78	19.78	19.81	21.00
5		12	7	19.62	19.81	19.76	21.00
5		12	13	19.62	19.73	19.72	21.00
5		25	0	19.76	19.85	19.75	21.00
5	256QAM	1	0	17.87	17.98	17.82	19.00
5		1	12	17.74	17.87	17.87	19.00
5		1	24	17.85	17.80	17.66	19.00
5		12	0	17.86	17.89	17.80	19.00
5		12	7	17.74	17.86	17.72	19.00
5		12	13	17.75	17.83	17.78	19.00
5		25	0	17.80	17.87	17.83	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				823.5	836.5	847.5	
3	QPSK	1	0	22.82	22.89	22.80	24.00
3		1	8	22.77	22.87	22.71	24.00
3		1	14	22.00	22.00	22.00	24.00
3		8	0	21.72	21.78	21.79	23.00
3		8	4	21.80	21.89	21.65	23.00
3		8	7	21.71	21.88	21.72	23.00
3		15	0	21.81	21.81	21.80	23.00
3	16QAM	1	0	22.15	22.18	22.21	23.00
3		1	8	21.93	22.05	21.89	23.00
3		1	14	21.98	22.04	22.00	23.00
3		8	0	20.72	20.85	20.63	22.00
3		8	4	20.68	20.75	20.73	22.00
3		8	7	20.65	20.82	20.77	22.00
3		15	0	20.63	20.78	20.77	22.00
3	64QAM	1	0	20.89	21.03	20.89	22.00
3		1	8	20.90	21.05	20.97	22.00
3		1	14	21.02	20.96	20.91	22.00
3		8	0	19.77	19.86	19.80	21.00
3		8	4	19.64	19.82	19.67	21.00
3		8	7	19.63	19.78	19.79	21.00
3		15	0	19.70	19.83	19.74	21.00
3	256QAM	1	0	17.92	17.91	17.87	19.00
3		1	8	17.81	17.86	17.82	19.00
3		1	14	17.86	17.78	17.72	19.00
3		8	0	17.82	17.83	17.71	19.00
3		8	4	17.73	17.83	17.77	19.00
3		8	7	17.72	17.85	17.69	19.00
3		15	0	17.83	17.82	17.73	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.91	22.93	24.00
1.4		1	3	22.69	22.85	22.76	24.00
1.4		1	5	22.00	22.00	22.02	24.00
1.4		3	0	22.00	22.01	22.01	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.81	21.89	21.79	23.00
1.4	16QAM	1	0	22.16	22.16	22.13	23.00
1.4		1	3	21.93	22.01	21.93	23.00
1.4		1	5	21.97	22.03	21.96	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.02	21.00	23.00
1.4		3	3	21.00	21.00	21.00	23.00
1.4		6	0	20.61	20.81	20.70	22.00
1.4	64QAM	1	0	20.96	21.00	20.94	22.00
1.4		1	3	20.89	20.94	20.85	22.00
1.4		1	5	21.00	21.04	20.86	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.02	20.01	20.00	22.00
1.4		6	0	19.71	19.76	19.67	21.00
1.4	256QAM	1	0	17.96	18.02	17.83	19.00
1.4		1	3	17.73	17.86	17.89	19.00
1.4		1	5	17.73	17.88	17.71	19.00
1.4		3	0	17.76	17.79	17.74	19.00
1.4		3	1	17.85	17.93	17.82	19.00
1.4		3	3	17.82	17.89	17.73	19.00
1.4		6	0	17.76	17.86	17.84	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.92	22.99	22.69	24.00
10		1	25	22.64	22.85	22.43	24.00
10		1	49	22.68	22.89	22.56	24.00
10		25	0	21.74	21.89	21.56	23.00
10		25	12	21.63	21.84	21.53	23.00
10		25	25	21.68	21.88	21.53	23.00
10		50	0	21.70	21.88	21.57	23.00
10	16QAM	1	0	22.26	22.36	21.94	23.00
10		1	25	22.01	22.19	21.80	23.00
10		1	49	22.18	22.28	21.87	23.00
10		25	0	20.69	20.78	20.41	22.00
10		25	12	20.73	20.81	20.42	22.00
10		25	25	20.80	20.89	20.47	22.00
10		50	0	20.66	20.83	20.54	22.00
10	64QAM	1	0	21.02	21.21	20.87	22.00
10		1	25	20.93	21.04	20.63	22.00
10		1	49	21.03	21.17	20.88	22.00
10		25	0	19.65	19.75	19.39	21.00
10		25	12	19.56	19.75	19.41	21.00
10		25	25	19.72	19.85	19.52	21.00
10		50	0	19.77	19.86	19.51	21.00
10	256QAM	1	0	17.95	18.14	17.82	19.00
10		1	25	17.89	18.03	17.73	19.00
10		1	49	17.94	18.07	17.78	19.00
10		25	0	17.76	17.86	17.54	19.00
10		25	12	17.76	17.88	17.62	19.00
10		25	25	17.86	17.94	17.58	19.00
10		50	0	17.72	17.92	17.59	19.00
Channel				23035	23095	23115	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.84	22.89	22.68	24.00
5		1	12	22.62	22.72	22.30	24.00
5		1	24	22.62	22.81	22.52	24.00
5		12	0	21.60	21.82	21.44	23.00
5		12	7	21.62	21.79	21.51	23.00
5		12	13	21.58	21.77	21.42	23.00
5		25	0	21.64	21.86	21.55	23.00
5	16QAM	1	0	22.18	22.27	21.93	23.00
5		1	12	21.96	22.13	21.73	23.00
5		1	24	22.08	22.13	21.84	23.00
5		12	0	20.57	20.69	20.32	22.00
5		12	7	20.63	20.80	20.37	22.00
5		12	13	20.71	20.75	20.38	22.00
5		25	0	20.56	20.71	20.53	22.00
5	64QAM	1	0	20.95	21.13	20.83	22.00
5		1	12	20.87	21.02	20.50	22.00
5		1	24	20.95	21.03	20.67	22.00
5		12	0	19.63	19.63	19.29	21.00
5		12	7	19.45	19.72	19.32	21.00
5		12	13	19.62	19.77	19.38	21.00
5		25	0	19.75	19.84	19.39	21.00
5	256QAM	1	0	17.80	18.11	17.69	19.00
5		1	12	17.83	17.99	17.70	19.00
5		1	24	17.92	17.98	17.63	19.00
5		12	0	17.71	17.81	17.41	19.00
5		12	7	17.70	17.78	17.57	19.00
5		12	13	17.79	17.85	17.55	19.00
5		25	0	17.60	17.88	17.46	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.87	22.93	22.55	24.00
3		1	8	22.59	22.78	22.37	24.00
3		1	14	22.56	22.88	22.53	24.00
3		8	0	21.72	21.74	21.53	23.00
3		8	4	21.60	21.81	21.38	23.00
3		8	7	21.60	21.81	21.45	23.00
3		15	0	21.58	21.79	21.50	23.00
3	16QAM	1	0	22.19	22.32	21.90	23.00
3		1	8	21.91	22.05	21.66	23.00
3		1	14	22.11	22.21	21.82	23.00
3		8	0	20.64	20.73	20.28	22.00
3		8	4	20.59	20.74	20.35	22.00
3		8	7	20.72	20.86	20.37	22.00
3		15	0	20.55	20.81	20.52	22.00
3	64QAM	1	0	21.01	21.10	20.81	22.00
3		1	8	20.86	20.89	20.52	22.00
3		1	14	20.93	21.03	20.79	22.00
3		8	0	19.52	19.70	19.34	21.00
3		8	4	19.50	19.68	19.34	21.00
3		8	7	19.58	19.74	19.41	21.00
3		15	0	19.74	19.85	19.46	21.00
3	256QAM	1	0	17.85	18.01	17.77	19.00
3		1	8	17.82	17.90	17.68	19.00
3		1	14	17.91	18.01	17.73	19.00
3		8	0	17.68	17.75	17.48	19.00
3		8	4	17.61	17.80	17.51	19.00
3		8	7	17.84	17.86	17.51	19.00
3		15	0	17.58	17.79	17.55	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.84	22.92	22.59	24.00
1.4		1	3	22.52	22.77	22.35	24.00
1.4		1	5	22.62	22.86	22.47	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.01	24.00
1.4		3	3	22.01	22.01	22.01	24.00
1.4		6	0	21.56	21.76	21.45	23.00
1.4	16QAM	1	0	22.18	22.29	21.84	23.00
1.4		1	3	21.90	22.13	21.68	23.00
1.4		1	5	22.11	22.19	21.77	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.01	21.00	23.00
1.4		3	3	21.02	21.00	21.01	23.00
1.4		6	0	20.61	20.76	20.52	22.00
1.4	64QAM	1	0	20.88	21.14	20.81	22.00
1.4		1	3	20.90	20.96	20.62	22.00
1.4		1	5	21.01	21.05	20.79	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.71	19.82	19.49	21.00
1.4	256QAM	1	0	17.93	18.08	17.80	19.00
1.4		1	3	17.85	17.89	17.65	19.00
1.4		1	5	17.79	17.97	17.64	19.00
1.4		3	0	17.70	17.74	17.43	19.00
1.4		3	1	17.67	17.80	17.52	19.00
1.4		3	3	17.82	17.88	17.55	19.00
1.4		6	0	17.63	17.78	17.54	19.00

<LTE Band 13_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.95		24.00
10		1	25		22.87		24.00
10		1	49		22.85		24.00
10		25	0		21.90		23.00
10		25	12		21.84		23.00
10		25	25		21.86		23.00
10		50	0		21.90		23.00
10	16QAM	1	0		22.33		23.00
10		1	25		22.17		23.00
10		1	49		22.15		23.00
10		25	0		20.84		22.00
10		25	12		20.88		22.00
10		25	25		20.87		22.00
10		50	0		20.91		22.00
10	64QAM	1	0		21.12		22.00
10		1	25		20.98		22.00
10		1	49		21.04		22.00
10		25	0		19.83		21.00
10		25	12		19.87		21.00
10		25	25		19.84		21.00
10		50	0		19.86		21.00
10	256QAM	1	0		18.14		19.00
10		1	25		18.07		19.00
10		1	49		18.02		19.00
10		25	0		17.93		19.00
10		25	12		17.94		19.00
10		25	25		17.93		19.00
10		50	0		17.99		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.86	22.92	22.90	24.00
5		1	12	22.70	22.79	22.76	24.00
5		1	24	22.70	22.88	22.75	24.00
5		12	0	21.62	21.80	21.69	23.00
5		12	7	21.58	21.79	21.65	23.00
5		12	13	21.84	21.94	21.88	23.00
5		25	0	21.76	21.92	21.85	23.00
5	16QAM	1	0	22.33	22.40	22.30	23.00
5		1	12	22.01	22.19	22.14	23.00
5		1	24	22.02	22.16	22.02	23.00
5		12	0	20.70	20.89	20.78	22.00
5		12	7	20.75	20.92	20.76	22.00
5		12	13	20.77	20.85	20.79	22.00
5		25	0	20.77	20.84	20.77	22.00
5	64QAM	1	0	20.99	21.15	21.04	22.00
5		1	12	20.84	20.97	20.91	22.00
5		1	24	20.83	20.96	20.91	22.00
5		12	0	19.74	19.90	19.80	21.00
5		12	7	19.71	19.83	19.74	21.00
5		12	13	19.77	19.89	19.73	21.00
5		25	0	19.67	19.85	19.68	21.00
5	256QAM	1	0	18.06	18.15	18.03	19.00
5		1	12	17.95	18.14	18.11	19.00
5		1	24	17.80	17.95	17.91	19.00
5		12	0	17.72	17.90	17.82	19.00
5		12	7	17.76	17.87	17.84	19.00
5		12	13	17.89	17.95	17.80	19.00
5		25	0	17.92	18.07	18.01	19.00

<LTE Band 14_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.89		24.00
10		1	49		22.91		24.00
10		25	0		21.93		23.00
10		25	12		21.91		23.00
10		25	25		21.92		23.00
10		50	0		21.96		23.00
10	16QAM	1	0		22.32		23.00
10		1	25		22.12		23.00
10		1	49		22.28		23.00
10		25	0		20.93		22.00
10		25	12		20.93		22.00
10		25	25		20.88		22.00
10		50	0		20.94		22.00
10	64QAM	1	0		21.28		22.00
10		1	25		21.10		22.00
10		1	49		21.14		22.00
10		25	0		19.92		21.00
10		25	12		19.92		21.00
10		25	25		19.87		21.00
10		50	0		19.93		21.00
10	256QAM	1	0		18.21		19.00
10		1	25		18.12		19.00
10		1	49		18.00		19.00
10		25	0		17.91		19.00
10		25	12		17.94		19.00
10		25	25		17.89		19.00
10		50	0		17.96		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.96	22.86	24.00
5		1	12	22.83	22.89	22.66	24.00
5		1	24	22.84	22.89	22.77	24.00
5		12	0	21.80	21.97	21.77	23.00
5		12	7	21.80	21.97	21.75	23.00
5		12	13	21.65	21.81	21.63	23.00
5		25	0	21.81	21.91	21.73	23.00
5	16QAM	1	0	22.19	22.37	22.16	23.00
5		1	12	22.05	22.10	21.96	23.00
5		1	24	22.17	22.28	22.04	23.00
5		12	0	20.81	20.97	20.78	22.00
5		12	7	20.86	21.00	20.79	22.00
5		12	13	20.71	20.85	20.70	22.00
5		25	0	20.79	20.88	20.66	22.00
5	64QAM	1	0	21.18	21.31	21.12	22.00
5		1	12	20.98	21.05	20.93	22.00
5		1	24	21.07	21.13	20.91	22.00
5		12	0	19.77	19.90	19.69	21.00
5		12	7	19.85	19.96	19.76	21.00
5		12	13	19.77	19.84	19.73	21.00
5		25	0	19.85	19.99	19.86	21.00
5	256QAM	1	0	18.07	18.14	17.96	19.00
5		1	12	17.90	18.01	17.81	19.00
5		1	24	17.75	17.91	17.70	19.00
5		12	0	17.77	17.93	17.80	19.00
5		12	7	17.94	17.98	17.78	19.00
5		12	13	17.83	17.94	17.85	19.00
5		25	0	17.92	17.97	17.77	19.00

<LTE Band 17_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.91	22.98	22.83	24.00
10		1	25	22.80	22.96	22.60	24.00
10		1	49	22.77	22.95	22.47	24.00
10		25	0	21.75	21.93	21.49	23.00
10		25	12	21.76	21.87	21.48	23.00
10		25	25	21.76	21.92	21.54	23.00
10		50	0	21.77	21.86	21.46	23.00
10	16QAM	1	0	21.94	22.06	21.68	23.00
10		1	25	22.11	22.30	21.82	23.00
10		1	49	22.03	22.21	21.77	23.00
10		25	0	20.76	20.83	20.47	22.00
10		25	12	20.75	20.96	20.57	22.00
10		25	25	20.71	20.92	20.50	22.00
10		50	0	20.66	20.84	20.40	22.00
10	64QAM	1	0	20.75	20.91	20.54	22.00
10		1	25	21.07	21.16	20.80	22.00
10		1	49	21.09	21.19	20.86	22.00
10		25	0	19.58	19.78	19.45	21.00
10		25	12	19.72	19.93	19.50	21.00
10		25	25	19.74	19.89	19.44	21.00
10		50	0	19.67	19.85	19.43	21.00
10	256QAM	1	0	17.66	17.81	17.43	19.00
10		1	25	17.91	18.10	17.68	19.00
10		1	49	17.77	17.97	17.56	19.00
10		25	0	17.62	17.80	17.43	19.00
10		25	12	17.78	17.96	17.59	19.00
10		25	25	17.69	17.88	17.46	19.00
10		50	0	17.72	17.85	17.43	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.79	22.94	22.81	24.00
5		1	12	22.69	22.82	22.47	24.00
5		1	24	22.72	22.80	22.39	24.00
5		12	0	21.65	21.88	21.44	23.00
5		12	7	21.65	21.77	21.40	23.00
5		12	13	21.63	21.84	21.49	23.00
5		25	0	21.72	21.76	21.39	23.00
5	16QAM	1	0	21.87	21.92	21.59	23.00
5		1	12	22.03	22.23	21.80	23.00
5		1	24	21.92	22.15	21.63	23.00
5		12	0	20.69	20.77	20.34	22.00
5		12	7	20.72	20.87	20.48	22.00
5		12	13	20.64	20.87	20.38	22.00
5		25	0	20.65	20.82	20.34	22.00
5	64QAM	1	0	20.69	20.76	20.53	22.00
5		1	12	21.01	21.05	20.71	22.00
5		1	24	21.00	21.12	20.72	22.00
5		12	0	19.44	19.71	19.35	21.00
5		12	7	19.61	19.80	19.41	21.00
5		12	13	19.67	19.86	19.41	21.00
5		25	0	19.58	19.82	19.36	21.00
5	256QAM	1	0	17.54	17.68	17.32	19.00
5		1	12	17.82	18.09	17.61	19.00
5		1	24	17.67	17.88	17.52	19.00
5		12	0	17.50	17.75	17.37	19.00
5		12	7	17.66	17.91	17.51	19.00
5		12	13	17.65	17.80	17.38	19.00
5		25	0	17.65	17.80	17.42	19.00

<LTE Band 25_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.84	22.95	22.84	23.80
20		1	49	22.73	22.87	22.67	23.80
20		1	99	22.79	22.92	22.73	23.80
20		50	0	21.83	21.98	21.86	23.00
20		50	24	21.81	21.96	21.74	23.00
20		50	50	21.77	21.95	21.73	23.00
20		100	0	21.78	21.92	21.78	23.00
20	16QAM	1	0	22.06	22.18	21.97	23.00
20		1	49	22.16	22.35	22.21	23.00
20		1	99	22.12	22.28	22.13	23.00
20		50	0	20.78	20.95	20.80	22.00
20		50	24	20.75	20.96	20.72	22.00
20		50	50	20.82	20.96	20.71	22.00
20		100	0	20.75	20.95	20.82	22.00
20	64QAM	1	0	20.88	21.09	20.93	22.00
20		1	49	20.90	21.14	20.89	22.00
20		1	99	20.98	21.16	21.03	22.00
20		50	0	19.90	20.11	19.94	21.00
20		50	24	19.82	19.99	19.81	21.00
20		50	50	19.76	19.97	19.84	21.00
20		100	0	19.74	19.97	19.73	21.00
20	256QAM	1	0	17.87	17.98	17.79	19.00
20		1	49	18.01	18.19	18.03	19.00
20		1	99	17.98	18.08	17.92	19.00
20		50	0	17.81	18.00	17.82	19.00
20		50	24	17.76	17.99	17.87	19.00
20		50	50	17.85	18.01	17.82	19.00
20		100	0	17.87	17.98	17.84	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.81	22.90	22.77	23.80
15		1	37	22.63	22.84	22.66	23.80
15		1	74	22.75	22.85	22.71	23.80
15		36	0	21.63	21.93	21.84	23.00
15		36	20	21.76	21.93	21.72	23.00
15		36	39	21.68	21.81	21.67	23.00
15		75	0	21.72	21.87	21.75	23.00
15	16QAM	1	0	21.93	22.03	21.87	23.00
15		1	37	22.02	22.30	22.06	23.00
15		1	74	22.02	22.22	22.03	23.00
15		36	0	20.76	20.84	20.71	22.00
15		36	20	20.70	20.93	20.70	22.00
15		36	39	20.80	20.94	20.67	22.00
15		75	0	20.73	20.93	20.74	22.00
15	64QAM	1	0	20.76	20.98	20.80	22.00
15		1	37	20.84	21.08	20.82	22.00
15		1	74	20.87	21.03	20.94	22.00
15		36	0	19.80	20.07	19.90	21.00
15		36	20	19.72	19.91	19.71	21.00
15		36	39	19.66	19.86	19.75	21.00
15		75	0	19.70	19.95	19.61	21.00
15	256QAM	1	0	17.78	17.84	17.72	19.00
15		1	37	17.90	18.06	17.92	19.00
15		1	74	17.93	18.03	17.83	19.00
15		36	0	17.74	17.91	17.79	19.00
15		36	20	17.72	17.96	17.79	19.00
15		36	39	17.77	17.96	17.80	19.00
15		75	0	17.72	17.92	17.76	19.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1852	1880	1910	
10	QPSK	1	0	22.71	22.91	22.77	23.80
10		1	25	22.67	22.79	22.52	23.80
10		1	49	22.67	22.77	22.61	23.80
10		25	0	21.64	21.89	21.79	23.00
10		25	12	21.73	21.89	21.69	23.00
10		25	25	21.64	21.80	21.71	23.00
10		50	0	21.73	21.84	21.66	23.00
10	16QAM	1	0	21.93	22.05	21.91	23.00
10		1	25	22.04	22.28	22.15	23.00
10		1	49	22.11	22.22	22.08	23.00
10		25	0	20.71	20.81	20.66	22.00
10		25	12	20.64	20.89	20.70	22.00
10		25	25	20.76	20.87	20.67	22.00
10		50	0	20.66	20.89	20.74	22.00
10	64QAM	1	0	20.79	21.00	20.90	22.00
10		1	25	20.86	21.01	20.84	22.00
10		1	49	20.86	21.05	20.90	22.00
10		25	0	19.88	20.03	19.84	21.00
10		25	12	19.69	19.93	19.78	21.00
10		25	25	19.71	19.93	19.73	21.00
10		50	0	19.71	19.87	19.67	21.00
10	256QAM	1	0	17.75	17.87	17.74	19.00
10		1	25	17.89	18.11	17.96	19.00
10		1	49	17.85	18.06	17.82	19.00
10		25	0	17.76	17.93	17.69	19.00
10		25	12	17.69	17.92	17.81	19.00
10		25	25	17.72	17.88	17.69	19.00
10		50	0	17.84	17.92	17.79	19.00
Channel				26065	26340	26565	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.83	22.81	22.82	23.80
5		1	12	22.68	22.81	22.54	23.80
5		1	24	22.68	22.81	22.69	23.80
5		12	0	21.66	21.85	21.78	23.00
5		12	7	21.74	21.90	21.64	23.00
5		12	13	21.68	21.85	21.59	23.00
5		25	0	21.75	21.85	21.75	23.00
5	16QAM	1	0	22.04	22.15	21.91	23.00
5		1	12	22.03	22.32	22.12	23.00
5		1	24	22.07	22.13	22.00	23.00
5		12	0	20.69	20.81	20.72	22.00
5		12	7	20.66	20.92	20.70	22.00
5		12	13	20.80	20.87	20.59	22.00
5		25	0	20.63	20.91	20.78	22.00
5	64QAM	1	0	20.86	21.06	20.90	22.00
5		1	12	20.80	21.04	20.88	22.00
5		1	24	20.94	21.05	20.97	22.00
5		12	0	19.83	20.05	19.87	21.00
5		12	7	19.76	19.87	19.67	21.00
5		12	13	19.73	19.88	19.73	21.00
5		25	0	19.71	19.93	19.64	21.00
5	256QAM	1	0	17.79	17.92	17.70	19.00
5		1	12	17.98	18.09	17.90	19.00
5		1	24	17.84	17.94	17.90	19.00
5		12	0	17.69	17.84	17.71	19.00
5		12	7	17.69	17.87	17.80	19.00
5		12	13	17.76	17.94	17.72	19.00
5		25	0	17.81	17.84	17.74	19.00
Channel				26065	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	22.75	22.81	22.81	23.80
3		1	8	22.67	22.78	22.52	23.80
3		1	14	22.76	22.84	22.68	23.80
3		8	0	21.67	21.93	21.77	23.00
3		8	4	21.73	21.85	21.72	23.00
3		8	7	21.75	21.93	21.59	23.00
3		15	0	21.64	21.89	21.67	23.00
3	16QAM	1	0	21.98	22.09	21.96	23.00
3		1	8	22.07	22.28	22.11	23.00
3		1	14	22.00	22.15	22.07	23.00
3		8	0	20.75	20.82	20.72	22.00
3		8	4	20.69	20.89	20.63	22.00
3		8	7	20.77	20.89	20.65	22.00
3		15	0	20.68	20.89	20.71	22.00
3	64QAM	1	0	20.74	21.02	20.86	22.00
3		1	8	20.84	21.08	20.83	22.00
3		1	14	20.97	21.02	20.94	22.00
3		8	0	19.88	20.07	19.84	21.00
3		8	4	19.68	19.89	19.77	21.00
3		8	7	19.73	19.93	19.76	21.00
3		15	0	19.66	19.91	19.68	21.00
3	256QAM	1	0	17.77	17.93	17.68	19.00
3		1	8	17.97	18.15	17.91	19.00
3		1	14	17.96	17.95	17.90	19.00
3		8	0	17.66	17.98	17.70	19.00
3		8	4	17.71	17.88	17.77	19.00
3		8	7	17.72	17.97	17.78	19.00
3		15	0	17.75	17.92	17.75	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.82	22.90	22.69	23.80
1.4		1	3	22.66	22.80	22.55	23.80
1.4		1	5	22.76	22.81	22.60	23.80
1.4		3	0	22.00	22.00	22.02	23.80
1.4		3	1	22.01	22.00	22.00	23.80
1.4		3	3	22.00	22.00	22.01	23.80
1.4		6	0	21.73	21.89	21.64	23.00
1.4	16QAM	1	0	21.96	22.03	21.93	23.00
1.4		1	3	22.10	22.21	22.08	23.00
1.4		1	5	22.07	22.16	22.10	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.01	21.00	21.00	23.00
1.4		3	3	21.02	21.00	21.00	23.00
1.4		6	0	20.64	20.89	20.73	22.00
1.4	64QAM	1	0	20.83	20.99	20.92	22.00
1.4		1	3	20.87	21.05	20.79	22.00
1.4		1	5	20.87	21.04	20.91	22.00
1.4		3	0	20.01	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.02	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.69	19.84	19.62	21.00
1.4	256QAM	1	0	17.79	17.95	17.66	19.00
1.4		1	3	17.89	18.18	17.89	19.00
1.4		1	5	17.94	18.04	17.89	19.00
1.4		3	0	17.77	17.87	17.74	19.00
1.4		3	1	17.71	17.94	17.85	19.00
1.4		3	3	17.74	17.96	17.79	19.00
1.4		6	0	17.82	17.91	17.80	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.92	22.96	22.94	24.00
15		1	37	22.77	22.94	22.85	24.00
15		1	74	22.81	22.90	22.81	24.00
15		36	0	21.82	21.88	21.82	23.00
15		36	20	21.74	21.85	21.70	23.00
15		36	39	21.68	21.86	21.70	23.00
15		75	0	21.79	21.89	21.79	23.00
15	16QAM	1	0	22.21	22.29	22.22	23.00
15		1	37	22.12	22.23	22.11	23.00
15		1	74	22.08	22.23	22.14	23.00
15		36	0	20.81	20.90	20.83	22.00
15		36	20	20.75	20.88	20.72	22.00
15		36	39	20.81	20.92	20.83	22.00
15		75	0	20.74	20.89	20.80	22.00
15	64QAM	1	0	21.06	21.16	21.10	22.00
15		1	37	20.99	21.09	21.00	22.00
15		1	74	21.07	21.13	20.99	22.00
15		36	0	19.87	19.92	19.78	21.00
15		36	20	19.77	19.93	19.87	21.00
15		36	39	19.83	19.92	19.88	21.00
15		75	0	19.84	19.90	19.74	21.00
15	256QAM	1	0	18.05	18.12	18.05	19.00
15		1	37	18.00	18.13	18.07	19.00
15		1	74	18.03	18.10	17.94	19.00
15		36	0	17.89	17.96	17.89	19.00
15		36	20	17.92	17.97	17.93	19.00
15		36	39	17.80	17.98	17.86	19.00
15		75	0	17.83	17.96	17.81	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.88	22.87	22.92	24.00
10		1	25	22.64	22.91	22.84	24.00
10		1	49	22.68	22.78	22.73	24.00
10		25	0	21.70	21.83	21.67	23.00
10		25	12	21.70	21.73	21.56	23.00
10		25	25	21.57	21.84	21.74	23.00
10		50	0	21.73	21.75	21.68	23.00
10	16QAM	1	0	22.07	22.18	22.19	23.00
10		1	25	22.01	22.12	22.08	23.00
10		1	49	21.99	22.09	22.03	23.00
10		25	0	20.80	20.85	20.73	22.00
10		25	12	20.69	20.79	20.58	22.00
10		25	25	20.73	20.88	20.80	22.00
10		50	0	20.68	20.87	20.71	22.00
10	64QAM	1	0	21.00	21.12	21.06	22.00
10		1	25	20.97	21.02	20.98	22.00
10		1	49	21.05	21.11	20.85	22.00
10		25	0	19.75	19.78	19.74	21.00
10		25	12	19.63	19.92	19.77	21.00
10		25	25	19.69	19.78	19.87	21.00
10		50	0	19.80	19.78	19.69	21.00
10	256QAM	1	0	17.94	18.03	17.97	19.00
10		1	25	17.90	17.98	17.97	19.00
10		1	49	17.89	18.00	17.87	19.00
10		25	0	17.84	17.91	17.75	19.00
10		25	12	17.81	17.93	17.79	19.00
10		25	25	17.70	17.91	17.76	19.00
10		50	0	17.78	17.90	17.79	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.78	22.92	22.84	24.00
5		1	12	22.72	22.89	22.80	24.00
5		1	24	22.75	22.86	22.76	24.00
5		12	0	21.76	21.86	21.75	23.00
5		12	7	21.73	21.78	21.64	23.00
5		12	13	21.54	21.76	21.67	23.00
5		25	0	21.73	21.84	21.73	23.00
5	16QAM	1	0	22.10	22.18	22.08	23.00
5		1	12	22.03	22.14	22.01	23.00
5		1	24	21.94	22.14	22.04	23.00
5		12	0	20.75	20.76	20.75	22.00
5		12	7	20.69	20.84	20.63	22.00
5		12	13	20.77	20.86	20.79	22.00
5		25	0	20.62	20.74	20.67	22.00
5	64QAM	1	0	21.01	21.07	21.03	22.00
5		1	12	20.87	20.98	20.86	22.00
5		1	24	20.94	21.05	20.94	22.00
5		12	0	19.74	19.85	19.68	21.00
5		12	7	19.68	19.84	19.73	21.00
5		12	13	19.71	19.89	19.79	21.00
5		25	0	19.76	19.85	19.59	21.00
5	256QAM	1	0	17.90	18.10	17.94	19.00
5		1	12	17.93	18.00	18.03	19.00
5		1	24	17.90	18.00	17.90	19.00
5		12	0	17.83	17.82	17.88	19.00
5		12	7	17.81	17.92	17.80	19.00
5		12	13	17.72	17.94	17.80	19.00
5		25	0	17.73	17.84	17.75	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.80	22.92	22.87	24.00
3		1	8	22.73	22.91	22.78	24.00
3		1	14	22.73	22.76	22.75	24.00
3		8	0	21.71	21.74	21.69	23.00
3		8	4	21.60	21.84	21.62	23.00
3		8	7	21.57	21.81	21.72	23.00
3		15	0	21.74	21.83	21.73	23.00
3	16QAM	1	0	22.14	22.24	22.19	23.00
3		1	8	22.03	22.17	22.03	23.00
3		1	14	22.03	22.14	22.09	23.00
3		8	0	20.73	20.85	20.80	22.00
3		8	4	20.70	20.82	20.62	22.00
3		8	7	20.71	20.81	20.77	22.00
3		15	0	20.62	20.84	20.76	22.00
3	64QAM	1	0	20.95	21.02	20.97	22.00
3		1	8	20.90	21.01	20.88	22.00
3		1	14	20.94	21.12	20.93	22.00
3		8	0	19.83	19.89	19.72	21.00
3		8	4	19.70	19.82	19.82	21.00
3		8	7	19.80	19.81	19.82	21.00
3		15	0	19.82	19.83	19.71	21.00
3	256QAM	1	0	17.92	18.07	17.91	19.00
3		1	8	17.89	18.11	18.06	19.00
3		1	14	17.91	18.06	17.82	19.00
3		8	0	17.75	17.87	17.85	19.00
3		8	4	17.78	17.83	17.84	19.00
3		8	7	17.77	17.88	17.80	19.00
3		15	0	17.69	17.85	17.69	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.90	22.94	22.90	24.00
1.4		1	3	22.63	22.90	22.79	24.00
1.4		1	5	22.68	22.81	22.68	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.77	21.79	21.74	23.00
1.4	16QAM	1	0	22.15	22.26	22.10	23.00
1.4		1	3	22.08	22.11	22.03	23.00
1.4		1	5	21.98	22.09	22.01	23.00
1.4		3	0	21.02	21.01	21.00	23.00
1.4		3	1	21.00	21.02	21.02	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.66	20.85	20.74	22.00
1.4	64QAM	1	0	20.92	21.15	20.96	22.00
1.4		1	3	20.86	21.08	20.94	22.00
1.4		1	5	20.98	21.11	20.84	22.00
1.4		3	0	20.02	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.01	20.01	20.00	22.00
1.4		6	0	19.76	19.77	19.67	21.00
1.4	256QAM	1	0	17.94	17.97	18.03	19.00
1.4		1	3	17.96	18.05	17.97	19.00
1.4		1	5	18.00	17.98	17.93	19.00
1.4		3	0	17.76	17.83	17.88	19.00
1.4		3	1	17.80	17.91	17.86	19.00
1.4		3	3	17.70	17.95	17.77	19.00
1.4		6	0	17.71	17.85	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.87	22.98	22.96	23.40
20		1	49	22.81	22.94	22.82	23.40
20		1	99	22.70	22.95	22.89	23.40
20		50	0	21.85	21.98	21.93	23.00
20		50	24	21.79	21.97	21.91	23.00
20		50	50	21.81	21.93	21.85	23.00
20		100	0	21.80	22.00	21.86	23.00
20	16QAM	1	0	22.00	22.12	22.07	23.00
20		1	49	22.08	22.28	22.14	23.00
20		1	99	22.16	22.33	22.27	23.00
20		50	0	20.79	20.94	20.87	22.00
20		50	24	20.76	21.00	20.85	22.00
20		50	50	20.89	21.00	20.86	22.00
20		100	0	20.85	21.04	20.89	22.00
20	64QAM	1	0	20.96	21.09	20.96	22.00
20		1	49	20.95	21.12	21.00	22.00
20		1	99	20.94	21.17	21.07	22.00
20		50	0	19.82	19.98	19.85	21.00
20		50	24	19.79	20.01	19.92	21.00
20		50	50	19.79	20.02	19.90	21.00
20		100	0	19.78	20.01	19.86	21.00
20	256QAM	1	0	17.93	18.05	17.99	19.00
20		1	49	18.00	18.12	18.03	19.00
20		1	99	17.83	18.05	18.02	19.00
20		50	0	17.80	17.98	17.86	19.00
20		50	24	17.79	18.02	17.97	19.00
20		50	50	17.88	17.98	17.85	19.00
20		100	0	17.80	18.02	17.94	19.00
Channel				132047	132322	132597	Tune-up Limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	22.80	22.91	22.82	23.40
15		1	37	22.73	22.87	22.76	23.40
15		1	74	22.66	22.91	22.84	23.40
15		36	0	21.84	21.95	21.87	23.00
15		36	20	21.70	21.94	21.82	23.00
15		36	39	21.70	21.91	21.77	23.00
15		75	0	21.72	21.95	21.82	23.00
15	16QAM	1	0	21.91	22.09	21.97	23.00
15		1	37	22.04	22.23	22.01	23.00
15		1	74	22.13	22.30	22.13	23.00
15		36	0	20.74	20.85	20.73	22.00
15		36	20	20.74	20.92	20.82	22.00
15		36	39	20.86	20.99	20.76	22.00
15		75	0	20.72	20.91	20.80	22.00
15	64QAM	1	0	20.81	21.04	20.90	22.00
15		1	37	20.83	20.98	20.94	22.00
15		1	74	20.85	21.02	20.93	22.00
15		36	0	19.67	19.90	19.79	21.00
15		36	20	19.70	19.98	19.80	21.00
15		36	39	19.67	19.91	19.78	21.00
15		75	0	19.70	19.96	19.75	21.00
15	256QAM	1	0	17.79	18.02	17.86	19.00
15		1	37	17.94	18.02	17.91	19.00
15		1	74	17.75	17.98	17.87	19.00
15		36	0	17.70	17.93	17.80	19.00
15		36	20	17.66	17.97	17.94	19.00
15		36	39	17.75	17.86	17.72	19.00
15		75	0	17.75	17.92	17.81	19.00
Channel				132022	132322	132622	Tune-up Limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.78	22.86	22.90	23.40
10		1	25	22.71	22.90	22.78	23.40
10		1	49	22.66	22.85	22.77	23.40
10		25	0	21.72	21.88	21.80	23.00
10		25	12	21.76	21.84	21.84	23.00
10		25	25	21.73	21.82	21.70	23.00
10		50	0	21.76	21.92	21.74	23.00
10	16QAM	1	0	21.88	21.99	21.92	23.00
10		1	25	22.06	22.20	22.01	23.00
10		1	49	22.01	22.26	22.19	23.00
10		25	0	20.65	20.84	20.82	22.00
10		25	12	20.68	20.86	20.73	22.00
10		25	25	20.74	20.98	20.81	22.00
10		50	0	20.83	20.99	20.76	22.00
10	64QAM	1	0	20.89	21.03	20.83	22.00
10		1	25	20.85	21.04	20.87	22.00
10		1	49	20.88	21.14	21.04	22.00
10		25	0	19.74	19.89	19.83	21.00
10		25	12	19.77	19.92	19.86	21.00
10		25	25	19.78	19.92	19.77	21.00
10		50	0	19.69	19.89	19.80	21.00
10	256QAM	1	0	17.80	17.91	17.95	19.00
10		1	25	17.91	18.10	17.97	19.00
10		1	49	17.81	18.00	17.95	19.00
10		25	0	17.73	17.90	17.77	19.00
10		25	12	17.70	17.96	17.94	19.00
10		25	25	17.78	17.85	17.73	19.00
10		50	0	17.65	17.88	17.83	19.00
Channel				131997	132322	132647	Tune-up Limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.82	22.90	22.90	23.40
5		1	12	22.66	22.84	22.70	23.40
5		1	24	22.64	22.88	22.79	23.40
5		12	0	21.82	21.91	21.84	23.00
5		12	7	21.73	21.95	21.83	23.00
5		12	13	21.76	21.91	21.78	23.00
5		25	0	21.66	21.85	21.85	23.00
5	16QAM	1	0	21.90	22.10	21.96	23.00
5		1	12	21.94	22.20	22.05	23.00
5		1	24	22.09	22.30	22.21	23.00
5		12	0	20.73	20.88	20.72	22.00
5		12	7	20.65	20.98	20.74	22.00
5		12	13	20.79	20.98	20.84	22.00
5		25	0	20.74	20.98	20.79	22.00
5	64QAM	1	0	20.92	20.99	20.93	22.00
5		1	12	20.90	21.02	20.93	22.00
5		1	24	20.86	21.08	20.98	22.00
5		12	0	19.77	19.88	19.81	21.00
5		12	7	19.72	19.97	19.81	21.00
5		12	13	19.69	19.97	19.79	21.00
5		25	0	19.67	19.93	19.82	21.00
5	256QAM	1	0	17.91	17.98	17.96	19.00
5		1	12	17.93	18.10	17.98	19.00
5		1	24	17.81	17.94	17.90	19.00
5		12	0	17.74	17.87	17.80	19.00
5		12	7	17.70	17.93	17.83	19.00
5		12	13	17.85	17.91	17.77	19.00
5		25	0	17.65	17.98	17.86	19.00
Channel				131987	132322	132657	Tune-up Limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.75	22.95	22.90	23.40
3		1	8	22.71	22.81	22.79	23.40
3		1	14	22.62	22.84	22.76	23.40
3		8	0	21.71	21.84	21.92	23.00
3		8	4	21.72	21.93	21.77	23.00
3		8	7	21.76	21.86	21.72	23.00
3		15	0	21.77	21.99	21.76	23.00
3	16QAM	1	0	21.85	22.03	22.05	23.00
3		1	8	22.02	22.20	22.00	23.00
3		1	14	22.04	22.32	22.25	23.00
3		8	0	20.76	20.85	20.80	22.00
3		8	4	20.69	20.93	20.84	22.00
3		8	7	20.78	20.87	20.76	22.00
3		15	0	20.75	20.95	20.74	22.00
3	64QAM	1	0	20.92	20.99	20.91	22.00
3		1	8	20.88	21.09	20.87	22.00
3		1	14	20.79	21.11	20.97	22.00
3		8	0	19.75	19.87	19.79	21.00
3		8	4	19.76	20.00	19.88	21.00
3		8	7	19.77	19.99	19.76	21.00
3		15	0	19.66	19.97	19.72	21.00
3	256QAM	1	0	17.90	17.94	17.94	19.00
3		1	8	17.98	18.07	17.97	19.00
3		1	14	17.69	18.00	17.88	19.00
3		8	0	17.75	17.88	17.78	19.00
3		8	4	17.66	18.00	17.85	19.00
3		8	7	17.84	17.89	17.79	19.00
3		15	0	17.78	17.97	17.93	19.00
Channel				131979	132322	132665	Tune-up Limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.74	22.88	22.84	23.40
1.4		1	3	22.78	22.83	22.67	23.40
1.4		1	5	22.65	22.80	22.75	23.40
1.4		3	0	22.00	22.01	22.00	23.40
1.4		3	1	22.00	22.01	22.00	23.40
1.4		3	3	22.01	22.00	22.00	23.40
1.4		6	0	21.73	21.92	21.78	23.00
1.4	16QAM	1	0	21.91	22.05	21.95	23.00
1.4		1	3	22.02	22.22	22.01	23.00
1.4		1	5	22.11	22.30	22.26	23.00
1.4		3	0	21.02	21.02	21.00	23.00
1.4		3	1	21.00	21.00	21.01	23.00
1.4		3	3	21.01	21.01	21.00	23.00
1.4		6	0	20.73	20.97	20.83	22.00
1.4	64QAM	1	0	20.83	21.02	20.81	22.00
1.4		1	3	20.87	21.00	20.92	22.00
1.4		1	5	20.90	21.14	21.01	22.00
1.4		3	0	20.01	20.00	20.00	22.00
1.4		3	1	20.02	20.00	20.00	22.00
1.4		3	3	20.02	20.00	20.00	22.00
1.4		6	0	19.73	19.91	19.83	21.00
1.4	256QAM	1	0	17.81	18.02	17.95	19.00
1.4		1	3	17.87	18.00	17.94	19.00
1.4		1	5	17.71	18.01	17.90	19.00
1.4		3	0	17.69	17.88	17.78	19.00
1.4		3	1	17.71	17.95	17.87	19.00
1.4		3	3	17.85	17.88	17.81	19.00
1.4		6	0	17.76	17.97	17.83	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.90	22.95	22.90	24.00
20		1	49	22.69	22.88	22.72	24.00
20		1	99	22.76	22.88	22.79	24.00
20		50	0	21.86	21.92	21.80	23.00
20		50	24	21.70	21.89	21.74	23.00
20		50	50	21.74	21.87	21.76	23.00
20		100	0	21.78	21.89	21.79	23.00
20	16QAM	1	0	22.24	22.33	22.21	23.00
20		1	49	22.07	22.16	22.02	23.00
20		1	99	22.04	22.16	22.10	23.00
20		50	0	20.81	20.91	20.82	22.00
20		50	24	20.71	20.87	20.74	22.00
20		50	50	20.76	20.86	20.79	22.00
20		100	0	20.76	20.89	20.73	22.00
20	64QAM	1	0	21.04	21.14	20.95	22.00
20		1	49	21.06	21.19	21.09	22.00
20		1	99	20.94	21.10	20.95	22.00
20		50	0	19.87	19.97	19.80	21.00
20		50	24	19.79	19.94	19.77	21.00
20		50	50	19.84	19.92	19.82	21.00
20		100	0	19.83	19.94	19.83	21.00
20	256QAM	1	0	17.92	18.09	18.01	19.00
20		1	49	17.85	18.01	17.95	19.00
20		1	99	17.89	17.97	17.83	19.00
20		50	0	17.82	17.97	17.90	19.00
20		50	24	17.74	17.93	17.76	19.00
20		50	50	17.76	17.88	17.72	19.00
20		100	0	17.87	17.95	17.76	19.00
Channel				133197	133297	133397	Tune-up Limit
Frequency (MHz)				673.5	680.5	680.5	(dBm)
15	QPSK	1	0	22.88	22.94	22.83	24.00
15		1	37	22.58	22.76	22.58	24.00
15		1	74	22.73	22.76	22.66	24.00
15		36	0	21.73	21.88	21.72	23.00
15		36	20	21.58	21.83	21.64	23.00
15		36	39	21.61	21.84	21.73	23.00
15		75	0	21.72	21.75	21.74	23.00
15	16QAM	1	0	22.19	22.30	22.17	23.00
15		1	37	21.96	22.04	22.00	23.00
15		1	74	21.91	22.07	21.96	23.00
15		36	0	20.76	20.80	20.72	22.00
15		36	20	20.58	20.81	20.60	22.00
15		36	39	20.68	20.83	20.68	22.00
15		75	0	20.63	20.86	20.71	22.00
15	64QAM	1	0	21.03	21.07	20.88	22.00
15		1	37	20.94	21.17	21.08	22.00
15		1	74	20.81	21.06	20.89	22.00
15		36	0	19.81	19.91	19.79	21.00
15		36	20	19.77	19.80	19.71	21.00
15		36	39	19.73	19.83	19.70	21.00
15		75	0	19.69	19.80	19.71	21.00
15	256QAM	1	0	17.85	18.04	17.96	19.00
15		1	37	17.76	17.90	17.87	19.00
15		1	74	17.82	17.96	17.69	19.00
15		36	0	17.69	17.82	17.88	19.00
15		36	20	17.68	17.85	17.64	19.00
15		36	39	17.67	17.78	17.71	19.00
15		75	0	17.74	17.91	17.74	19.00
Channel				133172	133297	133422	Tune-up Limit
Frequency (MHz)				668	680.5	693	(dBm)
10	QPSK	1	0	22.82	22.84	22.86	24.00
10		1	25	22.57	22.86	22.58	24.00
10		1	49	22.74	22.77	22.71	24.00
10		25	0	21.77	21.82	21.76	23.00
10		25	12	21.62	21.79	21.66	23.00
10		25	25	21.67	21.74	21.71	23.00
10		50	0	21.72	21.83	21.75	23.00
10	16QAM	1	0	22.19	22.25	22.18	23.00
10		1	25	21.97	22.03	21.91	23.00
10		1	49	21.96	22.12	22.03	23.00
10		25	0	20.67	20.88	20.76	22.00
10		25	12	20.58	20.79	20.68	22.00
10		25	25	20.62	20.79	20.75	22.00
10		50	0	20.65	20.82	20.59	22.00
10	64QAM	1	0	20.95	21.00	20.81	22.00
10		1	25	20.94	21.15	21.05	22.00
10		1	49	20.88	20.97	20.87	22.00
10		25	0	19.83	19.94	19.77	21.00
10		25	12	19.77	19.85	19.66	21.00
10		25	25	19.70	19.77	19.68	21.00
10		50	0	19.69	19.83	19.70	21.00
10	256QAM	1	0	17.86	18.02	17.98	19.00
10		1	25	17.82	17.86	17.86	19.00
10		1	49	17.78	17.95	17.72	19.00
10		25	0	17.69	17.93	17.76	19.00
10		25	12	17.68	17.82	17.72	19.00
10		25	25	17.70	17.83	17.66	19.00
10		50	0	17.81	17.90	17.74	19.00
Channel				133147	133297	133447	Tune-up Limit
Frequency (MHz)				665.5	680.5	695.5	(dBm)
5	QPSK	1	0	22.80	22.93	22.77	24.00
5		1	12	22.62	22.80	22.65	24.00
5		1	24	22.64	22.75	22.67	24.00
5		12	0	21.80	21.78	21.66	23.00
5		12	7	21.58	21.83	21.65	23.00
5		12	13	21.60	21.84	21.66	23.00
5		25	0	21.73	21.83	21.64	23.00
5	16QAM	1	0	22.20	22.28	22.09	23.00
5		1	12	21.92	22.09	21.91	23.00
5		1	24	21.94	22.13	21.96	23.00
5		12	0	20.70	20.76	20.74	22.00
5		12	7	20.60	20.78	20.69	22.00
5		12	13	20.66	20.72	20.77	22.00
5		25	0	20.62	20.81	20.68	22.00
5	64QAM	1	0	20.99	21.04	20.92	22.00
5		1	12	20.97	21.17	20.98	22.00
5		1	24	20.85	21.07	20.89	22.00
5		12	0	19.80	19.92	19.69	21.00
5		12	7	19.73	19.92	19.70	21.00
5		12	13	19.76	19.85	19.69	21.00
5		25	0	19.82	19.81	19.76	21.00
5	256QAM	1	0	17.83	18.01	17.86	19.00
5		1	12	17.75	17.96	17.88	19.00
5		1	24	17.76	17.83	17.71	19.00
5		12	0	17.80	17.95	17.77	19.00
5		12	7	17.72	17.87	17.69	19.00
5		12	13	17.74	17.81	17.67	19.00
5		25	0	17.72	17.89	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	22.67	22.72	22.59	23.60
50		1	135	22.63	22.64	22.41	23.60
50		1	268	22.48	22.70	22.59	23.60
50	PI/2 BPSK	135	0	22.38	22.59	22.43	23.50
50		135	68	22.61	22.64	22.56	23.60
50		135	135	22.32	22.51	22.28	23.50
50		270	0	22.36	22.58	22.34	23.50
50		1	1	22.69	22.54	22.41	23.60
50		1	135	22.68	22.51	22.58	23.60
50		1	268	22.51	22.63	22.47	23.60
50	QPSK	135	0	21.93	22.05	21.91	23.00
50		135	68	22.65	22.69	22.56	23.60
50		135	135	21.85	22.01	21.76	23.00
50		270	0	21.90	22.09	21.90	23.00
50	16QAM	1	1	21.95	22.16	21.90	23.00
50	64QAM	1	1	20.10	20.28	20.09	21.50
50	256QAM	1	1	18.04	18.26	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.64	22.63	22.48	23.60
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.55	22.70	22.53	23.60
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.56	22.69	22.45	23.60
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.56	22.67	22.57	23.60
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.59	22.62	22.57	23.60
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.62	22.61	22.55	23.60
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.59	22.63	22.51	23.60
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.66	22.70	22.57	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		23.15		24.00
10		1	26		23.13		24.00
10		1	50		23.06		24.00
10	PI/2 BPSK	25	0		22.55		23.50
10		25	14		23.08		24.00
10		25	27		22.54		23.50
10		50	0		22.57		23.50
10		1	1		23.11		24.00
10		1	26		23.09		24.00
10		1	50		23.10		24.00
10	QPSK	25	0		22.04		23.00
10		25	14		23.04		24.00
10		25	27		22.05		23.00
10		50	0		22.08		23.00
10	16QAM	1	1		22.21		23.00
10	64QAM	1	1		20.42		21.50
10	256QAM	1	1		18.34		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.02	23.10	23.05	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.89	23.06	22.92	24.00
100		1	137	22.66	22.97	22.72	24.00
100		1	271	22.66	22.90	22.62	24.00
100		135	0	22.79	22.90	22.81	24.00
100		135	69	22.72	22.91	22.73	24.00
100		135	138	22.60	22.88	22.68	24.00
100		270	0	22.71	22.98	22.83	24.00
100	QPSK	1	1	22.64	22.89	22.72	24.00
100		1	137	22.73	22.96	22.79	24.00
100		1	271	22.59	22.89	22.72	24.00
100		135	0	22.79	22.98	22.74	24.00
100		135	69	22.70	22.94	22.78	24.00
100		135	138	22.65	22.93	22.65	24.00
100		270	0	22.72	23.03	22.77	24.00
100	16QAM	1	1	22.76	23.03	22.84	24.00
100	64QAM	1	1	22.40	22.70	22.52	24.00
100	256QAM	1	1	20.92	21.18	20.99	22.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.83	23.01	22.85	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.74	23.03	22.84	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.81	22.98	22.86	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.84	22.93	22.85	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.83	22.99	22.87	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.75	22.92	22.84	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.80	23.00	22.89	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.82	22.99	22.78	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.87	22.95	22.87	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.77	22.98	22.84	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.81	23.04	22.89	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.78	22.91	22.90	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.75	22.96	22.89	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.76	25.79	25.71	27.00
100		1	137	25.68	25.78	25.63	27.00
100		1	271	25.57	25.69	25.56	27.00
100		135	0	25.35	25.39	25.26	26.50
100		135	69	25.63	25.77	25.58	27.00
100		135	138	25.20	25.35	25.13	26.50
100		270	0	25.25	25.36	25.20	26.50
100	QPSK	1	1	25.44	25.54	25.34	27.00
100		1	137	25.68	25.72	25.57	27.00
100		1	271	25.52	25.66	25.55	27.00
100		135	0	24.87	24.96	24.83	26.00
100		135	69	25.59	25.69	25.48	27.00
100		135	138	24.78	24.85	24.76	26.00
100		270	0	24.82	24.90	24.78	26.00
100	16QAM	1	1	24.64	24.78	24.59	26.00
100	64QAM	1	1	22.88	23.04	22.83	24.50
100	256QAM	1	1	18.51	18.56	18.50	20.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.69	25.74	25.62	27.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.66	25.68	25.56	27.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.61	25.64	25.59	27.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.63	25.71	25.57	27.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.74	25.75	25.57	27.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.71	25.67	25.61	27.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.67	25.75	25.63	27.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.69	25.66	25.65	27.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.72	25.71	25.69	27.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.71	25.72	25.66	27.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.65	25.76	25.67	27.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.69	25.71	25.58	27.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.62	25.66	25.61	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.31	18.60	18.50	19.00
40		1	53	18.18	18.58	18.40	19.00
40		1	104	18.11	18.51	18.27	19.00
40	PI/2 BPSK	50	0	16.08	16.45	16.35	17.00
40		50	28	18.14	18.54	18.35	19.00
40		50	56	16.13	16.49	16.33	17.00
40		100	0	16.24	16.51	16.35	17.00
40		1	1	18.15	18.45	18.24	19.00
40		1	53	18.16	18.53	18.35	19.00
40		1	104	18.16	18.51	18.27	19.00
40	QPSK	50	0	15.15	15.48	15.38	16.00
40		50	28	18.13	18.54	18.34	19.00
40		50	56	15.21	15.51	15.33	16.00
40		100	0	15.14	15.52	15.29	16.00
40	16QAM	1	1	17.25	17.60	17.39	18.00
40	64QAM	1	1	15.51	15.77	15.54	16.50
40	256QAM	1	1	13.45	13.71	13.61	14.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.28	18.58	18.44	19.00
Channel				637334	641668	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.29	18.54	18.38	19.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.22	18.58	18.44	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.20	18.47	18.46	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.35		19.00
100		1	137		18.28		19.00
100		1	271		18.34		19.00
100	PI/2 BPSK	135	0		18.17		19.00
100		135	69		18.28		19.00
100		135	138		18.26		19.00
100		270	0		18.23		19.00
100		1	1		18.03		19.00
100		1	137		18.25		19.00
100		1	271		18.30		19.00
100	QPSK	135	0		18.19		19.00
100		135	69		18.28		19.00
100		135	138		18.32		19.00
100		270	0		18.27		19.00
100	16QAM	1	1		18.20		19.00
100	64QAM	1	1		17.88		19.00
100	256QAM	1	1		16.34		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.16	18.30	18.28	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.03	18.25	18.23	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.04	18.19	18.18	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.14	18.21	18.23	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.08	18.25	18.21	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.01	18.20	18.14	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.08	18.21	18.20	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.09	18.16	18.14	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.05	18.26	18.10	19.00
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.14	18.18	18.24	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.03	18.26	18.15	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.26		22.00
100		1	137		21.13		22.00
100		1	271		21.10		22.00
100		135	0		20.67		21.50
100		135	69		21.08		22.00
100		135	138		20.75		21.50
100		270	0		20.73		21.50
100	QPSK	1	1		20.81		22.00
100		1	137		21.07		22.00
100		1	271		21.11		22.00
100		135	0		20.27		21.00
100		135	69		21.25		22.00
100		135	138		20.42		21.00
100		270	0		20.28		21.00
100	16QAM	1	1		20.17		21.00
100	64QAM	1	1		18.33		19.50
100	256QAM	1	1		16.48		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.25	21.18	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.14	21.16	21.07	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.99	
70	PI/2 BPSK	1	1	21.03	21.13	21.15	22.00
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.10	21.12	21.15	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.02	21.17	21.10	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.02	21.21	21.06	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.13	21.13	21.08	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.04	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.05	21.16	21.10	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.11	21.23	21.04	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.99	
10	PI/2 BPSK	1	1	21.15	21.13	21.13	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	18.15	18.29	17.68	17.92	19.00
100		1	137	17.62	18.05	17.55	17.78	19.00
100		1	271	17.47	18.19	17.47	17.84	19.00
100		135	0	17.56	17.90	17.43	17.62	18.50
100		135	69	17.40	18.05	17.39	17.67	19.00
100		135	136	17.53	18.08	17.39	17.61	18.50
100		270	0	17.60	17.94	17.42	17.71	18.50
100	QPSK	1	1	17.21	17.87	17.28	17.58	19.00
100		1	137	17.48	18.08	17.47	17.75	19.00
100		1	271	17.64	18.03	17.53	17.81	19.00
100		135	0	17.01	17.16	17.37	17.71	18.00
100		135	69	17.24	17.97	17.26	17.67	19.00
100		135	138	17.10	17.09	17.45	17.78	18.00
100		270	0	17.08	17.11	17.55	17.76	18.00
100	16QAM	1	1	17.07	16.96	17.47	17.68	18.00
100	64QAM	1	1	15.65	15.64	15.49	17.46	16.50
100	256QAM	1	1	13.56	13.15	13.45	15.90	14.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.79	17.82	17.55	17.78	19.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	17.78	17.83	17.63	17.86	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3730	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.88	17.93	17.62	17.87	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.80	17.95	17.54	17.88	19.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.79	17.90	17.63	17.81	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.87	17.84	17.62	17.89	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.78	17.86	17.66	17.87	19.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.76	17.91	17.58	17.85	19.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.85	17.88	17.65	17.91	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.83	17.87	17.66	17.88	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.80	17.95	17.63	17.77	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.08	21.18	20.76	20.84	22.00
100		1	137	20.96	21.07	20.55	20.55	22.00
100		1	271	20.76	20.85	20.40	20.40	22.00
100	PI/2 BPSK	135	0	20.60	20.67	20.13	20.13	21.50
100		135	69	20.89	21.04	20.52	20.52	22.00
100		135	138	20.45	20.52	20.08	20.08	21.50
100		270	0	20.45	20.63	20.12	20.12	21.50
100		1	1	20.84	20.97	20.49	20.49	22.00
100		1	137	20.85	20.94	20.45	20.45	22.00
100		1	271	20.56	20.67	20.20	20.20	22.00
100	QPSK	135	0	19.92	20.05	19.55	19.55	21.00
100		135	69	21.11	21.17	20.64	20.64	22.00
100		135	138	19.82	19.91	19.39	19.39	21.00
100		270	0	19.93	19.99	19.56	19.56	21.00
100	16QAM	1	1	20.04	20.15	19.72	19.72	21.00
100	64QAM	1	1	18.19	18.37	17.92	17.92	19.50
100	256QAM	1	1	16.39	16.54	16.15	16.15	17.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.80	20.91	20.73	20.73	22.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.80	20.93	20.63	20.78	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3736	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.86	20.88	20.63	20.83	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.90	20.94	20.74	20.79	22.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.81	20.96	20.72	20.72	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.86	20.92	20.73	20.69	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.78	20.91	20.61	20.73	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.82	20.88	20.63	20.78	22.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.78	20.95	20.75	20.80	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.87	20.92	20.63	20.82	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.80	20.93	20.67	20.79	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.49		19.00
100		1	137		18.34		19.00
100		1	271		18.38		19.00
100	PI/2 BPSK	135	0		18.19		19.00
100		135	69		18.36		19.00
100		135	138		18.31		19.00
100		270	0		18.23		19.00
100		1	1		18.07		19.00
100		1	137		18.35		19.00
100		1	271		18.40		19.00
100	QPSK	135	0		18.24		19.00
100		135	69		18.34		19.00
100		135	138		18.36		19.00
100		270	0		18.28		19.00
100	16QAM	1	1		18.25		19.00
100	64QAM	1	1		17.92		19.00
100	256QAM	1	1		16.40		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.36	18.48	18.33	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.22	18.37	18.30	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.37	18.26	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.28	18.35	18.21	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.24	18.41	18.29	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.32	18.38	18.32	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.30	18.46	18.30	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.30	18.34	18.21	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.43	18.18	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.35	18.33	18.20	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.24	18.38	18.23	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.36		22.00
100		1	137		21.11		22.00
100		1	271		21.30		22.00
100	PI/2 BPSK	135	0		20.74		21.50
100		135	69		21.30		22.00
100		135	138		20.88		21.50
100		270	0		20.85		21.50
100		1	1		20.97		22.00
100		1	137		21.14		22.00
100		1	271		21.24		22.00
100	QPSK	135	0		20.38		21.00
100		135	69		21.35		22.00
100		135	138		20.45		21.00
100		270	0		20.38		21.00
100	16QAM	1	1		20.20		21.00
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		16.56		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.20	21.34	21.28	22.00
Channel				632669	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.16	21.21	21.25	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.06	21.32	21.14	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.14	21.19	21.25	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.05	21.27	21.25	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.16	21.25	21.22	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.14	21.19	21.26	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.30	21.24	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.12	21.24	21.18	22.00
Channel				630502	633332	638198	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.09	21.31	21.16	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.31	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.58		19.00
100		1	137		18.41		19.00
100		1	271		18.23		19.00
100	PI/2 BPSK	135	0		18.49		19.00
100		135	69		18.50		19.00
100		135	138		18.27		19.00
100		270	0		18.36		19.00
100		1	1		18.47		19.00
100		1	137		18.40		19.00
100		1	271		18.22		19.00
100	QPSK	135	0		18.56		19.00
100		135	69		18.42		19.00
100		135	138		18.26		19.00
100		270	0		18.42		19.00
100	16QAM	1	1		18.52		19.00
100	64QAM	1	1		18.30		19.00
100	256QAM	1	1		16.78		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3746.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.52	18.56	18.55	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.46	18.53	18.54	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.39	18.46	18.49	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.41	18.41	18.42	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.45	18.55	18.47	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.41	18.43	18.47	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	18.46	18.51	18.45	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	18.40	18.42	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.42	18.43	18.50	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.40	18.51	18.47	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.45	18.50	18.53	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.38		22.00
100		1	137		21.29		22.00
100		1	271		21.18		22.00
100		135	0		21.08		21.50
100		135	69		21.27		22.00
100		135	138		20.89		21.50
100		270	0		20.98		21.50
100	QPSK	1	1		21.29		22.00
100		1	137		21.25		22.00
100		1	271		21.01		22.00
100		135	0		20.54		21.00
100		135	69		21.37		22.00
100		135	138		20.40		21.00
100		270	0		20.53		21.00
100	16QAM	1	1		20.53		21.00
100	64QAM	1	1		18.68		19.50
100	256QAM	1	1		16.88		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.30	21.35	21.32	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.27	21.29	21.18	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.20	21.28	21.25	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.15	21.28	21.23	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.22	21.27	21.17	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.23	21.22	21.28	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.21	21.34	21.20	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.29	21.25	21.26	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.21	21.25	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.22	21.22	21.26	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.15	21.26	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.87	20.22	19.95	21.00
100		1	137	19.64	20.02	19.67	21.00
100		1	271	19.40	19.81	19.49	21.00
100		135	0	19.67	20.16	19.81	21.00
100		135	69	19.81	20.17	19.76	21.00
100		135	138	19.53	19.94	19.63	21.00
100		270	0	19.62	20.00	19.61	21.00
100	QPSK	1	1	19.57	19.97	19.66	21.00
100		1	137	19.55	19.97	19.56	21.00
100		1	271	19.42	19.82	19.44	21.00
100		135	0	19.76	20.17	19.76	21.00
100		135	69	19.55	20.01	19.72	21.00
100		135	138	19.52	19.97	19.64	21.00
100		270	0	19.63	20.05	19.71	21.00
100	16QAM	1	1	19.68	20.07	19.69	21.00
100	64QAM	1	1	19.29	19.76	19.35	21.00
100	256QAM	1	1	17.88	18.26	18.01	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.76	20.20	19.93	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.74	20.11	19.89	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.82	20.11	19.93	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.83	20.08	19.84	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.75	20.16	19.86	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	19.85	20.08	19.81	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.80	20.10	19.86	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	19.78	20.11	19.87	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.81	20.14	19.87	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	19.77	20.12	19.88	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.79	20.21	19.86	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.85	20.20	19.87	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.79	20.15	19.85	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.66	23.03	22.87	24.00
100		1	137	22.43	22.82	22.58	24.00
100		1	271	22.21	22.61	22.44	24.00
100		135	0	22.20	22.65	22.43	23.50
100		135	69	22.58	22.98	22.79	24.00
100		135	138	21.97	22.41	22.19	23.50
100		270	0	22.20	22.58	22.38	23.50
100	QPSK	1	1	22.30	22.75	22.58	24.00
100		1	137	22.36	22.75	22.54	24.00
100		1	271	22.47	22.88	22.66	24.00
100		135	0	21.83	22.22	21.92	23.00
100		135	69	22.52	23.01	22.79	24.00
100		135	138	21.70	22.17	21.97	23.00
100		270	0	21.76	22.13	21.92	23.00
100	16QAM	1	1	21.45	21.90	21.68	23.00
100	64QAM	1	1	19.76	20.16	19.90	21.50
100	256QAM	1	1	16.00	16.30	16.15	18.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.61	23.02	22.73	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.64	23.01	22.75	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.57	23.00	22.75	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.63	22.91	22.77	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.62	22.91	22.80	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.58	22.90	22.85	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.57	22.93	22.80	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.54	22.89	22.84	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.52	22.97	22.81	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.65	22.95	22.76	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.59	22.96	22.75	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.64	22.92	22.73	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.57	22.97	22.76	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.57	18.80	18.59	20.00
40		1	53	18.47	18.77	18.44	20.00
40		1	104	18.24	18.62	18.39	20.00
40	PI/2 BPSK	50	0	16.43	16.65	16.33	18.00
40		50	28	18.42	18.69	18.36	20.00
40		50	56	16.37	16.65	16.37	18.00
40		100	0	16.33	16.65	16.39	18.00
40		1	1	18.34	18.63	18.36	20.00
40		1	53	18.49	18.75	18.52	20.00
40		1	104	18.35	18.63	18.39	20.00
40	QPSK	50	0	15.37	15.64	15.37	17.00
40		50	28	18.41	18.70	18.39	20.00
40		50	56	15.34	15.66	15.41	17.00
40		100	0	15.35	15.66	15.40	17.00
40	16QAM	1	1	17.48	17.82	17.52	19.00
40	64QAM	1	1	15.66	15.96	15.72	17.50
40	256QAM	1	1	13.68	13.90	13.65	15.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.56	18.74	18.44	20.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.42	18.72	18.56	20.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.77	18.51	20.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.43	18.66	18.51	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	0		18.56		19.00
100		1	137		18.49		19.00
100		1	271		18.51		19.00
100	PI/2 BPSK	135	0		18.45		19.00
100		135	69		18.46		19.00
100		135	138		18.46		19.00
100		270	0		18.48		19.00
100		1	1		18.38		19.00
100		1	137		18.48		19.00
100		1	271		18.53		19.00
100	QPSK	135	0		18.51		19.00
100		135	69		18.53		19.00
100		135	138		18.53		19.00
100		270	0		18.53		19.00
100	16QAM	1	1		18.55		19.00
100	64QAM	1	1		18.21		19.00
100	256QAM	1	1		16.70		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.52	18.55	18.45	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.45	18.51	18.32	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.44	18.54	18.43	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.49	18.44	18.39	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.44	18.41	18.42	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.46	18.53	18.35	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.40	18.47	18.37	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.46	18.53	18.37	19.00
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.50	18.52	18.43	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.46	18.48	18.44	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.44	18.42	18.38	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.50		22.00
100		1	137		21.27		22.00
100		1	271		21.31		22.00
100	PI/2 BPSK	135	0		20.98		21.50
100		135	69		21.29		22.00
100		135	138		21.03		21.50
100		270	0		20.98		21.50
100		1	1		21.18		22.00
100		1	137		21.19		22.00
100		1	271		21.22		22.00
100	QPSK	135	0		20.56		21.00
100		135	69		21.48		22.00
100		135	138		20.64		21.00
100		270	0		20.60		21.00
100	16QAM	1	1		20.48		21.00
100	64QAM	1	1		18.65		19.50
100	256QAM	1	1		16.86		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.44	21.45	21.43	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.35	21.36	21.40	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.37	21.41	21.39	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.40	21.40	21.34	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.41	21.43	21.29	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.38	21.42	21.31	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.37	21.35	21.30	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.30	21.33	21.41	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.33	21.39	21.29	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.36	21.31	21.33	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.42	21.31	21.30	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3755	3835.02	3920.01	3930	
100		1	1	18.43	18.47	18.16	18.04	19.00
100		1	137	18.15	18.26	17.68	17.68	19.00
100		1	271	17.80	17.98	17.33	17.33	19.00
100	PI/2 BPSK	135	0	18.08	18.18	17.60	17.60	19.00
100		135	69	18.02	18.20	17.61	17.61	19.00
100		135	138	17.90	18.08	17.45	17.45	19.00
100		270	0	17.97	18.16	17.53	17.53	19.00
100		1	1	18.17	18.27	17.72	17.72	19.00
100		1	137	18.39	18.45	17.85	17.85	19.00
100		1	271	18.38	18.41	17.93	17.93	19.00
100	QPSK	135	0	18.44	18.43	17.98	17.98	19.00
100		135	69	18.31	18.43	17.76	17.76	19.00
100		135	138	18.39	18.41	17.88	17.88	19.00
100		270	0	18.44	18.46	17.99	17.99	19.00
100	16QAM	1	1	18.20	18.40	17.79	17.79	19.00
100	64QAM	1	1	17.98	18.05	17.46	17.45	19.00
100	256QAM	1	1	16.33	16.52	15.98	15.98	17.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.29	18.27	18.06	18.02	19.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.33	18.27	18.09	17.99	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.22	18.24	18.08	18.02	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	18.26	18.32	18.10	17.93	19.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.24	18.23	18.09	17.90	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.22	18.24	18.03	18.03	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.20	18.32	18.06	17.90	19.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	18.32	18.29	18.07	18.00	19.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.27	18.23	18.07	17.93	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.23	18.36	18.04	17.91	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.22	18.30	18.07	17.91	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.29	21.36	20.94	21.06	22.00
100		1	137	21.02	21.12	20.68	20.68	22.00
100		1	271	20.93	20.99	20.61	20.61	22.00
100	PI/2 BPSK	135	0	20.59	20.76	20.41	20.41	21.50
100		135	69	21.08	21.23	20.90	20.90	22.00
100		135	138	20.56	20.71	20.36	20.36	21.50
100		270	0	20.73	20.82	20.45	20.45	21.50
100		1	1	20.86	21.05	20.68	20.68	22.00
100		1	137	21.06	21.12	20.79	20.79	22.00
100		1	271	20.74	20.90	20.47	20.47	22.00
100	QPSK	135	0	19.99	20.18	19.76	19.76	21.00
100		135	69	21.21	21.31	20.99	20.99	22.00
100		135	138	20.01	20.15	19.83	19.83	21.00
100		270	0	20.02	20.17	19.76	19.76	21.00
100	16QAM	1	1	20.67	20.22	19.89	19.89	21.00
100	64QAM	1	1	18.35	18.45	18.06	18.06	19.50
100	256QAM	1	1	16.49	16.60	16.22	16.22	17.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	21.07	21.14	20.92	21.02	22.00
Channel				649334	655334	661334	662998	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	21.03	21.07	20.86	20.94	22.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	21.07	21.07	20.82	20.92	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	21.12	21.19	20.85	20.93	22.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	21.09	21.18	20.87	20.97	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	21.11	21.11	20.88	20.99	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	21.15	21.17	20.79	21.04	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	21.11	21.12	20.82	20.94	22.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	21.03	21.11	20.85	21.00	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	21.03	21.18	20.91	20.94	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	21.06	21.15	20.87	20.99	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.65		19.00
100		1	137		18.59		19.00
100		1	271		18.61		19.00
100	PI/2 BPSK	135	0		18.50		19.00
100		135	69		18.55		19.00
100		135	138		18.54		19.00
100		270	0		18.52		19.00
100		1	1		18.45		19.00
100		1	137		18.58		19.00
100		1	271		18.62		19.00
100	QPSK	135	0		18.54		19.00
100		135	69		18.61		19.00
100		135	138		18.55		19.00
100		270	0		18.51		19.00
100	16QAM	1	1		18.57		19.00
100	64QAM	1	1		18.25		19.00
100	256QAM	1	1		16.74		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.33	18.40	18.36	19.00
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.24	18.31	18.29	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.19	18.25	18.21	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.21	18.34	18.31	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.21	18.26	18.34	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.28	18.37	18.29	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.22	18.34	18.27	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.21	18.38	18.23	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.38	18.34	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.32	18.37	18.21	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.23	18.38	18.29	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.58		22.00
100		1	137		21.41		22.00
100		1	271		21.52		22.00
100	Pi/2 BPSK	135	0		21.11		21.50
100		135	69		21.50		22.00
100		135	138		21.03		21.50
100		270	0		21.18		21.50
100		1	1		21.28		22.00
100		1	137		21.38		22.00
100		1	271		21.44		22.00
100	QPSK	135	0		20.64		21.00
100		135	69		21.56		22.00
100		135	138		20.68		21.00
100		270	0		20.65		21.00
100	16QAM	1	1		20.57		21.00
100	64QAM	1	1		18.78		19.50
100	256QAM	1	1		16.96		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.43	21.56	21.55	22.00
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.40	21.53	21.54	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.30	21.50	21.45	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.36	21.44	21.48	22.00
Channel				631666	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.35	21.54	21.43	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.33	21.51	21.41	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.37	21.53	21.45	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.39	21.48	21.49	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.41	21.53	21.43	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.34	21.51	21.44	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.40	21.53	21.49	22.00

<FR1 n78 (27O)_Ant 3_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.65		19.00
100		1	137		18.54		19.00
100		1	271		18.64		19.00
100	Pi/2 BPSK	135	0		18.57		19.00
100		135	69		18.57		19.00
100		135	138		18.50		19.00
100		270	0		18.40		19.00
100		1	1		18.49		19.00
100		1	137		18.56		19.00
100		1	271		18.59		19.00
100	QPSK	135	0		18.62		19.00
100		135	69		18.62		19.00
100		135	138		18.49		19.00
100		270	0		18.55		19.00
100	16QAM	1	1		18.49		19.00
100	64QAM	1	1		18.26		19.00
100	256QAM	1	1		16.69		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	18.59	18.62	18.60	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	18.49	18.58	18.45	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	18.46	18.58	18.52	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	18.47	18.55	18.54	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	18.50	18.48	18.56	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	18.55	18.55	18.52	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	18.49	18.55	18.52	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	18.53	18.49	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	18.53	18.60	18.52	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	18.47	18.51	18.50	19.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	18.52	18.55	18.51	19.00

<FR1 n78 (27O)_HPUE_Ant 3_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.48		22.00
100		1	137		21.33		22.00
100		1	271		21.23		22.00
100		135	0		21.12		21.50
100		135	69		21.34		22.00
100		135	138		20.88		21.50
100		270	0		21.05		21.50
100	QPSK	1	1		21.39		22.00
100		1	137		21.29		22.00
100		1	271		21.11		22.00
100		135	0		20.70		21.00
100		135	69		21.44		22.00
100		135	138		20.47		21.00
100		270	0		20.63		21.00
100	16QAM	1	1		20.65		21.00
100	64QAM	1	1		18.91		19.50
100	256QAM	1	1		17.04		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.40	21.45	21.43	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.34	21.38	21.30	22.00
Channel				649000	650000	651050	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.33	21.34	21.41	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.27	21.37	21.39	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.39	21.41	21.33	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.36	21.40	21.38	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.35	21.42	21.42	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.34	21.40	21.32	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.33	21.39	21.41	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.35	21.38	21.32	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.38	21.31	21.36	22.00

<FR1 n2_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.65	20.71	20.55	21.80
40		1	108	20.77	20.67	20.68	21.80
40		1	214	20.57	20.72	20.55	21.80
40	PI/2 BPSK	108	0	20.63	20.77	20.58	21.80
40		108	54	20.65	20.86	20.62	21.80
40		108	108	20.68	20.84	20.71	21.80
40		216	0	20.64	20.73	20.54	21.80
40		1	1	20.62	20.87	20.56	21.80
40		1	108	20.58	20.83	20.61	21.80
40		1	214	20.56	20.77	20.69	21.80
40	QPSK	108	0	20.73	20.78	20.58	21.80
40		108	54	20.57	20.77	20.67	21.80
40		108	108	20.71	20.65	20.49	21.80
40		216	0	20.76	20.67	20.55	21.80
40	16QAM	1	1	20.66	20.88	20.70	21.80
40	64QAM	1	1	20.02	20.17	19.94	21.50
40	256QAM	1	1	18.62	18.15	17.94	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.60	20.69	20.70	21.80
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.59	20.86	20.58	21.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.71	20.87	20.49	21.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.74	20.84	20.57	21.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.71	20.73	20.55	21.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1852	1880	1905	
10	PI/2 BPSK	1	1	20.74	20.66	20.61	21.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.60	20.75	20.50	21.80

<FR1 n5_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	23.75	22.76	22.74	24.00
20		1	53	22.60	22.73	22.57	24.00
20		1	104	22.64	22.74	22.68	24.00
20	PI/2 BPSK	50	0	22.07	22.19	22.06	23.50
20		50	28	22.63	22.73	22.57	24.00
20		50	56	22.10	22.15	22.05	23.50
20		100	0	22.14	22.22	22.14	23.50
20		1	1	22.64	22.75	22.61	24.00
20		1	53	22.64	22.72	22.66	24.00
20		1	104	22.69	22.75	22.63	24.00
20	QPSK	50	0	21.56	21.71	21.66	23.00
20		50	28	22.59	22.71	22.62	24.00
20		50	56	21.50	21.65	21.56	23.00
20		100	0	21.56	21.70	21.63	23.00
20	16QAM	1	1	21.80	21.88	21.78	23.00
20	64QAM	1	1	19.98	20.05	19.95	21.50
20	256QAM	1	1	17.99	18.04	17.99	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.63	22.64	22.73	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.64	22.62	22.72	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.68	22.64	22.60	24.00

<FR1 n7_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	22.12	22.14	22.13	23.00
50		1	135	21.80	21.85	21.74	23.00
50		1	268	21.90	22.06	21.98	23.00
50	PI/2 BPSK	135	0	21.85	22.01	21.99	23.00
50		135	68	22.09	22.12	22.10	23.00
50		135	135	21.84	21.91	21.85	23.00
50		270	0	22.03	22.10	22.00	23.00
50		1	1	21.97	22.01	21.90	23.00
50		1	135	21.90	21.98	21.92	23.00
50		1	268	21.76	21.89	21.78	23.00
50	QPSK	135	0	21.92	22.01	21.93	23.00
50		135	68	21.86	21.90	21.78	23.00
50		135	135	21.83	21.87	21.72	23.00
50		270	0	21.82	21.97	21.83	23.00
50	16QAM	1	1	21.74	21.85	21.76	23.00
50	64QAM	1	1	20.24	20.34	20.31	21.50
50	256QAM	1	1	18.36	18.52	18.39	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.01	22.02	22.07	23.00
Channel				503530	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	PI/2 BPSK	1	1	22.10	22.11	22.11	23.00
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.02	22.04	22.07	23.00
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.10	22.02	22.03	23.00
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.08	22.06	21.99	23.00
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	21.98	22.10	22.01	23.00
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	21.99	22.03	22.00	23.00
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.11	22.13	22.11	23.00

<FR1 n12_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	22.62	22.70	22.65	24.00
15		1	40	22.43	22.61	22.52	24.00
15		1	77	22.42	22.62	22.46	24.00
15	PI/2 BPSK	36	0	21.88	22.09	22.02	23.50
15		36	22	22.41	22.56	22.42	24.00
15		36	43	21.91	22.12	21.95	23.50
15		75	0	21.97	22.11	21.94	23.50
15		1	1	22.52	22.68	22.57	24.00
15		1	40	22.45	22.61	22.44	24.00
15		1	77	22.55	22.64	22.54	24.00
15	QPSK	36	0	21.41	21.59	21.41	23.00
15		36	22	22.35	22.52	22.38	24.00
15		36	43	21.47	21.61	21.49	23.00
15		75	0	21.50	21.62	21.47	23.00
15	16QAM	1	1	21.69	21.83	21.69	23.00
15	64QAM	1	1	19.85	20.03	19.90	21.50
15	256QAM	1	1	17.98	18.09	18.00	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.55	22.64	22.59	24.00
Channel				140500	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.48	22.65	22.62	24.00

<FR1 n13_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		22.77		24.00
10		1	26		22.72		24.00
10		1	50		22.74		24.00
10		25	0		22.17		23.50
10		25	14		22.73		24.00
10		25	27		22.26		23.50
10		50	0		22.21		23.50
10	QPSK	1	1		22.76		24.00
10		1	26		22.69		24.00
10		1	50		22.72		24.00
10		25	0		21.63		23.00
10		25	14		22.73		24.00
10		25	27		21.74		23.00
10		50	0		21.71		23.00
10	16QAM	1	1		21.88		23.00
10	64QAM	1	1		20.02		21.50
10	256QAM	1	1		18.11		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	22.70	22.75	22.73	24.00

<FR1 n25_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	20.82	20.91	20.76	21.80
40		1	108	20.60	20.64	20.64	21.80
40		1	214	20.61	20.72	20.52	21.80
40		108	0	20.71	20.85	20.70	21.80
40		108	54	20.65	20.76	20.61	21.80
40		108	108	20.77	20.80	20.73	21.80
40		216	0	20.70	20.73	20.61	21.80
40	QPSK	1	1	20.66	20.84	20.59	21.80
40		1	108	20.58	20.65	20.71	21.80
40		1	214	20.74	20.87	20.56	21.80
40		108	0	20.58	20.65	20.70	21.80
40		108	54	20.78	20.83	20.69	21.80
40		108	108	20.58	20.77	20.61	21.80
40		216	0	20.57	20.73	20.70	21.80
40	16QAM	1	1	20.72	20.86	20.62	21.80
40	64QAM	1	1	20.02	20.09	19.88	21.50
40	256QAM	1	1	18.00	18.06	17.89	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	20.65	20.84	20.52	21.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.56	20.83	20.73	21.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.62	20.88	20.51	21.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.70	20.87	20.66	21.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.61	20.74	20.69	21.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.68	20.68	20.60	21.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.71	20.78	20.68	21.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.79	22.85	22.76	24.00
20		1	53	22.55	22.74	22.56	24.00
20		1	104	22.60	22.73	22.60	24.00
20		50	0	22.16	22.26	22.12	23.50
20		50	28	22.64	22.74	22.55	24.00
20		50	56	22.15	22.25	22.12	23.50
20		100	0	22.18	22.28	22.17	23.50
20	QPSK	1	1	22.63	22.80	22.62	24.00
20		1	53	22.64	22.74	22.53	24.00
20		1	104	22.64	22.73	22.62	24.00
20		50	0	21.65	21.76	21.66	23.00
20		50	28	22.66	22.73	22.52	24.00
20		50	56	21.67	21.74	21.52	23.00
20		100	0	21.67	21.77	21.67	23.00
20	16QAM	1	1	21.85	21.92	21.73	23.00
20	64QAM	1	1	19.93	20.10	19.99	21.50
20	256QAM	1	1	18.00	18.09	18.00	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	22.66	22.77	22.70	24.00
Channel				163900	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	22.67	22.71	22.68	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	22.68	22.75	22.67	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	20.75	20.69	20.87	22.10
45		1	120	20.75	21.15	20.85	22.10
45		1	240	20.74	21.11	20.86	22.10
45		120	0	20.47	20.45	20.55	22.10
45		120	60	20.75	21.11	20.87	22.10
45		120	120	20.75	21.11	20.82	22.10
45		240	0	20.56	21.11	20.60	22.10
45	QPSK	1	1	20.60	20.61	20.61	22.10
45		1	120	20.51	20.99	20.69	22.10
45		1	240	20.65	21.06	20.64	22.10
45		120	0	20.42	20.31	20.29	22.10
45		120	60	20.68	20.94	20.78	22.10
45		120	120	20.59	20.98	20.60	22.10
45		240	0	20.46	20.92	20.54	22.10
45	16QAM	1	1	20.49	20.42	20.73	22.10
45	64QAM	1	1	19.56	19.54	19.56	21.50
45	256QAM	1	1	17.52	17.50	17.62	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.23	22.12	22.26	22.10
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.20	22.10	22.28	22.10
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.11	22.11	22.25	22.10
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.10	22.12	22.30	22.10
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.23	22.08	22.22	22.10
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.11	22.14	22.29	22.10
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.19	22.12	22.36	22.10
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.16	22.10	22.27	22.10

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		21.99		23.00
15		1	40		21.98		23.00
15		1	77		21.88		23.00
15		36	0		21.43		22.50
15		36	22		21.96		23.00
15		36	43		21.44		22.50
15		75	0		21.43		22.50
15	QPSK	1	1		21.94		23.00
15		1	40		21.95		23.00
15		1	77		21.88		23.00
15		36	0		20.94		22.00
15		36	22		21.93		23.00
15		36	43		20.94		22.00
15		75	0		20.92		22.00
15	16QAM	1	1		21.07		22.00
15	64QAM	1	1		19.27		20.50
15	256QAM	1	1		17.26		18.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	21.90	21.98	21.95	23.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	21.89	21.96	21.86	23.00

<FR1 n71_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		22.73		24.00
35		1	90		22.58		24.00
35		1	186		22.59		24.00
35		90	0		22.15		23.50
35		90	45		22.64		24.00
35		90	90		22.14		23.50
35		180	0		22.12		23.50
35	QPSK	1	1		22.61		24.00
35		1	90		22.57		24.00
35		1	186		22.60		24.00
35		90	0		21.62		23.00
35		90	45		22.65		24.00
35		90	90		21.63		23.00
35		180	0		21.65		23.00
35	16QAM	1	1		21.74		23.00
35	64QAM	1	1		19.94		21.50
35	256QAM	1	1		17.93		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	22.63	22.70	22.66	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	22.59	22.56	22.55	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.51	22.59	22.51	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.49	22.63	22.61	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.57	22.56	22.55	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.54	22.62	22.57	24.00

<FR1 n41_Ant 4_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.66	21.70	21.62	22.80
100		1	137	21.33	21.42	21.29	22.80
100		1	271	21.37	21.51	21.37	22.80
100		135	0	21.38	21.51	21.37	22.80
100		135	69	21.64	21.68	21.57	22.80
100		135	138	21.40	21.46	21.30	22.80
100		270	0	21.56	21.65	21.55	22.80
100	QPSK	1	1	21.36	21.44	21.35	22.80
100		1	137	21.35	21.44	21.24	22.80
100		1	271	21.48	21.53	21.35	22.80
100		135	0	21.40	21.47	21.36	22.80
100		135	69	21.39	21.49	21.29	22.80
100		135	138	21.29	21.42	21.26	22.80
100		270	0	21.45	21.54	21.33	22.80
100	16QAM	1	1	21.35	21.48	21.28	22.80
100	64QAM	1	1	21.27	21.43	21.21	22.80
100	256QAM	1	1	20.34	20.49	20.30	21.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.62	21.68	21.57	22.80
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.64	21.56	21.48	22.80
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.58	21.68	21.61	22.80
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.60	21.66	21.55	22.80
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.64	21.59	21.60	22.80
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.64	21.59	21.57	22.80
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.63	21.65	21.53	22.80
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.55	21.59	21.52	22.80
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.64	21.63	21.49	22.80
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.65	21.66	21.59	22.80
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.60	21.67	21.58	22.80
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.65	21.56	21.59	22.80
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.61	21.58	21.57	22.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.72	24.78	24.75	25.80
100		1	137	24.50	24.58	24.44	25.80
100		1	271	24.53	24.62	24.57	25.80
100		135	0	24.49	24.67	24.62	25.80
100		135	69	24.66	24.75	24.69	25.80
100		135	138	24.50	24.70	24.62	25.80
100		270	0	24.55	24.71	24.63	25.80
100	QPSK	1	1	24.50	24.63	24.52	25.80
100		1	137	24.41	24.50	24.44	25.80
100		1	271	24.34	24.50	24.39	25.80
100		135	0	24.39	24.56	24.46	25.80
100		135	69	24.57	24.66	24.51	25.80
100		135	138	24.45	24.63	24.54	25.80
100		270	0	24.51	24.67	24.60	25.80
100	16QAM	1	1	24.42	24.51	24.40	25.80
100	64QAM	1	1	22.24	22.36	22.20	24.00
100	256QAM	1	1	17.42	17.56	17.45	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.70	24.71	24.63	25.80
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.70	24.65	24.65	25.80
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.61	24.68	24.63	25.80
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.61	24.73	24.66	25.80
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.69	24.66	24.63	25.80
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.69	24.71	24.66	25.80
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.62	24.77	24.66	25.80
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.61	24.70	24.61	25.80
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.68	24.72	24.63	25.80
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.60	24.66	24.63	25.80
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.61	24.72	24.61	25.80
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.58	24.73	24.73	25.80
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.67	24.74	24.70	25.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.18	22.21	22.16	22.70
40		1	53	21.97	22.07	22.00	22.70
40		1	104	21.76	21.93	21.81	22.70
40		50	0	20.66	20.78	20.63	22.00
40		50	28	22.14	22.19	22.11	22.70
40		50	56	20.75	20.81	20.63	22.00
40		100	0	20.70	20.85	20.74	22.00
40	QPSK	1	1	21.99	22.14	22.03	22.70
40		1	53	21.85	21.94	21.87	22.70
40		1	104	22.00	22.09	21.92	22.70
40		50	0	19.63	19.75	19.66	21.00
40		50	28	22.08	22.14	22.01	22.70
40		50	56	19.69	19.85	19.71	21.00
40		100	0	19.72	19.81	19.71	21.00
40	16QAM	1	1	21.98	22.10	22.04	22.70
40	64QAM	1	1	19.89	19.95	19.84	21.50
40	256QAM	1	1	17.94	18.10	17.93	19.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.07	22.09	22.06	22.70
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.14	22.08	22.07	22.70
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	22.12	22.08	22.07	22.70
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.13	22.19	22.12	22.70

<FR1 n77 (27Q)_Ant 5_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.22		23.40
100		1	137		22.11		23.40
100		1	271		21.97		23.40
100		135	0		22.03		23.40
100		135	69		22.19		23.40
100		135	138		22.01		23.40
100		270	0		22.14		23.40
100	QPSK	1	1		21.97		23.40
100		1	137		22.07		23.40
100		1	271		21.95		23.40
100		135	0		22.12		23.40
100		135	69		22.02		23.40
100		135	138		22.01		23.40
100		270	0		22.14		23.40
100	16QAM	1	1		21.95		23.40
100	64QAM	1	1		22.19		23.00
100	256QAM	1	1		20.77		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.11	22.17	22.06	23.40
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.07	22.03	21.95	23.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.05	22.04	21.99	23.40
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.09	22.13	22.05	23.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.97	22.07	22.00	23.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.06	22.06	22.03	23.40
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.05	22.04	22.04	23.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.97	22.05	22.01	23.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.05	22.14	21.93	23.40
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.04	22.15	21.99	23.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.05	22.04	22.03	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.81		26.40
100		1	137		24.69		26.40
100		1	271		24.67		26.40
100		135	0		24.74		26.40
100		135	69		24.77		26.40
100		135	138		24.58		26.40
100		270	0		24.74		26.40
100	QPSK	1	1		24.66		26.40
100		1	137		24.53		26.40
100		1	271		24.52		26.40
100		135	0		24.72		26.40
100		135	69		24.57		26.40
100		135	138		24.69		26.40
100		270	0		24.52		26.40
100	16QAM	1	1		24.46		26.00
100	64QAM	1	1		22.63		24.00
100	256QAM	1	1		18.18		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.68	24.79	24.72	26.40
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.64	24.66	24.67	26.40
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.65	24.71	24.60	26.40
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.60	24.73	24.72	26.40
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.69	24.72	24.63	26.40
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.61	24.65	24.66	26.40
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.59	24.76	24.59	26.40
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.64	24.71	24.64	26.40
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.67	24.73	24.60	26.40
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.61	24.74	24.61	26.40
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.68	24.76	24.59	26.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000
Frequency (MHz)				3750	3835.02	3920.01	3930
100	PI/2 BPSK	1	1	22.21	22.17	22.23	22.04	23.50
100		1	137	21.93	21.86	22.02	21.97	23.50
100		1	271	21.90	21.81	21.97	21.79	23.50
100		135	0	21.99	21.94	22.06	21.97	23.50
100		135	69	22.18	22.12	22.20	22.14	23.50
100		135	138	21.99	21.96	22.10	22.01	23.50
100		270	0	22.01	22.03	22.15	21.98	23.50
100	QPSK	1	1	21.98	21.91	22.08	21.97	23.50
100		1	137	21.98	21.96	22.14	21.94	23.50
100		1	271	21.82	21.84	21.94	21.92	23.50
100		135	0	21.92	21.81	22.00	22.00	23.50
100		135	69	22.01	21.98	22.11	22.04	23.50
100		135	138	21.98	21.88	22.03	21.94	23.50
100		270	0	21.93	21.93	22.04	22.04	23.50
100	16QAM	1	1	21.95	21.88	22.08	22.03	23.50
100	64QAM	1	1	21.95	21.95	22.06	21.87	22.50
100	256QAM	1	1	20.42	20.50	20.58	20.47	21.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.16	22.12	22.14	22.03	23.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.20	22.05	22.10	22.01	23.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.06	22.05	22.15	22.02	23.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	22.16	22.08	22.21	22.01	23.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.15	22.03	22.15	21.93	23.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.13	22.11	22.08	21.80	23.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.12	22.05	22.10	21.88	23.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.09	22.14	22.08	21.81	23.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.07	22.03	22.20	21.91	23.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.15	22.02	22.14	21.88	23.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.13	22.12	22.13	21.81	23.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.32	25.25	25.37	25.16	26.50
100		1	137	25.06	24.96	25.23	25.20	26.50
100		1	271	25.14	25.14	25.28	25.12	26.50
100		135	0	25.05	25.06	25.23	25.19	26.50
100		135	69	25.27	25.21	25.35	25.29	26.50
100		135	138	25.11	25.07	25.27	25.18	26.50
100		270	0	25.12	25.08	25.32	25.16	26.50
100	QPSK	1	1	25.14	24.97	25.22	25.15	26.50
100		1	137	25.12	24.96	25.21	25.02	26.50
100		1	271	25.10	24.99	25.23	25.06	26.50
100		135	0	24.93	24.89	25.12	25.04	26.00
100		135	69	25.08	25.05	25.20	24.99	26.50
100		135	138	24.33	24.85	24.58	24.39	26.00
100		270	0	24.26	24.70	24.56	24.39	26.00
100	16QAM	1	1	24.22	24.61	24.44	24.41	26.00
100	64QAM	1	1	22.51	22.79	22.67	22.52	24.00
100	256QAM	1	1	20.47	20.48	21.28	21.06	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.31	25.21	25.27	25.08	26.50
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.22	25.21	25.28	25.09	26.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.22	25.17	25.24	25.15	26.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	25.18	25.12	25.24	25.18	26.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.26	25.11	25.29	25.12	26.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.31	25.22	25.23	25.16	26.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.27	25.18	25.31	25.15	26.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.17	25.22	25.34	25.10	26.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.22	25.18	25.27	25.03	26.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.31	25.13	25.26	25.23	26.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.21	25.16	25.25	25.11	26.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.04		23.50
100		1	137		21.87		23.50
100		1	271		21.86		23.50
100		135	0		21.90		23.50
100		135	69		22.01		23.50
100		135	138		21.77		23.50
100		270	0		21.98		23.50
100	QPSK	1	1		21.93		23.50
100		1	137		21.97		23.50
100		1	271		21.97		23.50
100		135	0		21.84		23.50
100		135	69		21.86		23.50
100		135	138		21.80		23.50
100		270	0		21.94		23.50
100	16QAM	1	1		21.97		23.50
100	64QAM	1	1		21.97		23.00
100	256QAM	1	1		20.85		21.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3496	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.74	22.01	21.68	23.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.73	21.92	21.74	23.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.81	21.88	21.76	23.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.77	21.93	21.77	23.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.72	21.94	21.77	23.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.74	21.86	21.69	23.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.75	21.88	21.73	23.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.72	22.00	21.71	23.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.73	21.89	21.68	23.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.72	21.95	21.67	23.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.80	21.89	21.69	23.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.08		26.50
100		1	137		24.99		26.50
100		1	271		24.84		26.50
100		135	0		24.84		26.50
100		135	69		25.05		26.50
100		135	138		24.85		26.50
100		270	0		25.01		26.50
100	QPSK	1	1		24.99		26.50
100		1	137		25.01		26.50
100		1	271		24.78		26.50
100		135	0		24.93		26.00
100		135	69		24.97		26.50
100		135	138		24.59		26.00
100		270	0		24.60		26.00
100	16QAM	1	1		24.61		26.00
100	64QAM	1	1		22.72		24.50
100	256QAM	1	1		18.27		20.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.95	25.03	24.01	26.50
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.88	24.92	24.85	26.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.91	25.01	24.87	26.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.94	24.95	24.89	26.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.88	24.93	24.89	26.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.82	24.96	24.81	26.50
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.89	24.89	24.89	26.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.94	24.94	24.89	26.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.83	24.88	24.81	26.50
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.84	24.87	24.82	26.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.89	25.00	24.80	26.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.23		23.50
100		1	137		22.12		23.50
100		1	271		22.14		23.50
100		135	0		22.11		23.50
100		135	69		22.21		23.50
100		135	138		22.15		23.50
100		270	0		22.17		23.50
100	QPSK	1	1		21.96		23.50
100		1	137		21.93		23.50
100		1	271		22.15		23.50
100		135	0		21.96		23.50
100		135	69		22.02		23.50
100		135	138		22.16		23.50
100		270	0		22.02		23.50
100	16QAM	1	1		22.11		23.50
100	64QAM	1	1		22.15		23.00
100	256QAM	1	1		21.06		22.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.16	22.19	22.14	23.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.04	22.09	22.04	23.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.03	22.16	22.06	23.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.02	22.11	22.00	23.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.09	22.09	22.11	23.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.05	22.10	22.07	23.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.13	22.10	21.90	23.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.09	22.09	22.07	23.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.14	22.17	22.05	23.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.07	22.12	22.02	23.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.06	22.12	22.01	23.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.21		26.50
100		1	137		24.93		26.50
100		1	271		25.05		26.50
100		135	0		25.06		26.50
100		135	69		25.18		26.50
100		135	138		25.11		26.50
100		270	0		25.16		26.50
100	QPSK	1	1		25.14		26.50
100		1	137		25.14		26.50
100		1	271		25.11		26.50
100		135	0		25.14		26.00
100		135	69		24.92		26.50
100		135	138		24.61		26.00
100		270	0		24.72		26.00
100	16QAM	1	1		24.84		26.00
100	64QAM	1	1		22.93		24.50
100	256QAM	1	1		18.36		20.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	25.11	25.18	25.14	26.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	25.03	25.11	25.04	26.50
Channel				649000	650000	651050	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	25.03	25.11	25.04	26.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	25.04	25.03	25.03	26.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	25.07	25.04	25.10	26.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	25.01	25.09	25.10	26.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	25.08	25.15	25.02	26.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	25.06	25.13	25.00	26.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.98	25.09	25.08	26.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	25.01	25.04	25.09	26.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	25.00	25.16	25.11	26.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.92	20.93	20.44	21.00
100		1	137	20.43	20.47	19.91	21.00
100		1	271	19.86	19.99	19.49	21.00
100		135	0	20.51	20.56	20.48	21.00
100		135	69	20.61	20.65	20.08	21.00
100		135	138	20.34	20.40	19.78	21.00
100		270	0	20.46	20.52	19.96	21.00
100	QPSK	1	1	20.60	20.73	20.12	21.00
100		1	137	20.28	20.42	19.87	21.00
100		1	271	19.87	19.96	19.43	21.00
100		135	0	20.60	20.67	20.04	21.00
100		135	69	20.34	20.44	19.84	21.00
100		135	138	20.09	20.18	19.69	21.00
100		270	0	20.46	20.54	19.98	21.00
100	16QAM	1	1	20.71	20.86	20.24	21.00
100	64QAM	1	1	20.36	20.52	20.00	21.00
100	256QAM	1	1	18.90	19.06	18.58	20.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.81	20.80	20.31	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.83	20.89	20.43	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.83	20.85	20.39	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.86	20.80	20.33	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.77	20.81	20.37	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.79	20.88	20.36	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.88	20.81	20.32	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.78	20.89	20.31	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.87	20.89	20.42	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.80	20.91	20.36	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.85	20.83	20.42	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.81	20.87	20.31	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.82	20.83	20.35	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.65	23.68	23.26	24.00
100		1	137	23.10	23.25	22.77	24.00
100		1	271	22.71	22.77	22.23	24.00
100		135	0	23.06	23.16	22.66	23.50
100		135	69	23.18	23.33	22.90	24.00
100		135	138	22.62	22.68	22.20	23.50
100		270	0	22.92	23.05	22.59	23.50
100	QPSK	1	1	23.36	23.44	22.93	24.00
100		1	137	22.70	22.74	22.19	24.00
100		1	271	22.52	22.70	22.22	24.00
100		135	0	22.47	22.60	22.12	23.00
100		135	69	23.30	23.37	22.87	24.00
100		135	138	22.15	22.23	21.79	23.00
100		270	0	22.42	22.57	22.15	23.00
100	16QAM	1	1	22.69	22.74	22.28	23.00
100	64QAM	1	1	20.18	20.30	19.84	21.50
100	256QAM	1	1	16.28	16.41	16.02	17.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.82	23.65	23.23	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.52	23.66	23.21	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.60	23.66	23.23	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.53	23.60	23.14	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.61	23.60	23.23	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.56	23.54	23.17	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.52	23.60	23.19	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.55	23.54	23.21	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.51	23.64	23.12	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.54	23.54	23.24	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.62	23.58	23.14	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.58	23.58	23.17	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.54	23.66	23.14	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	20.29	20.35	20.32	20.90
40		1	53	20.06	20.17	20.13	20.90
40		1	104	20.12	20.19	20.05	20.90
40	PI/2 BPSK	50	0	20.06	20.08	20.02	20.90
40		50	28	20.26	20.31	20.30	20.90
40		50	56	20.11	20.14	20.00	20.90
40		100	0	20.09	20.28	20.23	20.90
40		1	1	20.06	20.06	20.03	20.90
40		1	53	20.08	20.18	20.03	20.90
40		1	104	20.03	20.15	20.04	20.90
40	QPSK	50	0	19.01	19.13	19.07	20.90
40		50	28	20.15	20.18	20.06	20.90
40		50	56	19.15	19.20	19.17	20.90
40		100	0	19.06	19.26	19.20	20.90
40	16QAM	1	1	20.11	20.17	20.05	20.90
40	64QAM	1	1	19.55	19.56	19.53	20.90
40	256QAM	1	1	17.71	17.79	17.67	19.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.25	20.28	20.22	20.90
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.16	20.30	20.21	20.90
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.15	20.31	20.27	20.90
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.22	20.25	20.22	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.77		20.60
100		1	137		19.62		20.60
100		1	271		19.57		20.60
100	PI/2 BPSK	135	0		19.61		20.60
100		135	69		19.69		20.60
100		135	138		19.61		20.60
100		270	0		19.52		20.60
100		1	1		19.54		20.60
100		1	137		19.66		20.60
100		1	271		19.56		20.60
100	QPSK	135	0		19.72		20.60
100		135	69		19.54		20.60
100		135	138		19.76		20.60
100		270	0		19.71		20.60
100	16QAM	1	1		19.72		20.60
100	64QAM	1	1		19.58		20.60
100	256QAM	1	1		19.60		20.60
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.66	19.69	19.65	20.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.64	19.61	19.54	20.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.52	19.59	19.60	20.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.60	19.64	19.63	20.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.53	19.60	19.62	20.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.52	19.57	19.57	20.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.55	19.67	19.61	20.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.63	19.56	19.51	20.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.60	19.62	19.59	20.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.55	19.57	19.63	20.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.53	19.63	19.61	20.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.88		23.60
100		1	137		22.73		23.60
100		1	271		22.85		23.60
100		135	0		22.69		23.60
100		135	69		22.82		23.60
100		135	138		22.69		23.60
100		270	0		22.83		23.60
100	QPSK	1	1		22.85		23.60
100		1	137		22.77		23.60
100		1	271		22.67		23.60
100		135	0		22.84		23.60
100		135	69		22.83		23.60
100		135	138		22.85		23.60
100		270	0		22.84		23.60
100	16QAM	1	1		22.84		23.60
100	64QAM	1	1		22.71		23.50
100	256QAM	1	1		20.68		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3456	3499.98	3534.99	
90	PI/2 BPSK	1	1	22.58	22.73	22.57	23.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.44	22.67	22.52	23.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.44	22.62	22.48	23.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.45	22.72	22.43	23.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.51	22.68	22.55	23.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.48	22.63	22.49	23.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3466	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.48	22.63	22.49	23.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.54	22.66	22.43	23.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.47	22.62	22.52	23.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.46	22.58	22.58	23.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.51	22.65	22.54	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	19.98	20.02	20.17	20.10	20.60
100		1	137	19.77	20.10	19.96	19.82	20.60
100		1	271	19.67	20.00	19.94	19.76	20.60
100		135	0	19.69	19.98	19.87	19.87	20.60
100		135	69	19.71	19.96	20.08	20.04	20.60
100		135	138	19.68	20.04	19.96	19.84	20.60
100		270	0	19.69	20.08	19.92	19.76	20.60
100	QPSK	1	1	19.66	19.96	19.89	19.74	20.60
100		1	137	19.74	20.07	19.95	19.95	20.60
100		1	271	19.76	20.08	19.93	19.85	20.60
100		135	0	19.69	20.04	19.95	19.88	20.60
100		135	69	19.71	20.11	20.04	19.91	20.60
100		135	138	19.74	20.09	19.93	19.91	20.60
100		270	0	19.79	20.08	20.01	19.82	20.60
100	16QAM	1	1	19.63	20.07	19.97	19.84	20.60
100	64QAM	1	1	19.67	19.75	19.58	19.60	20.60
100	256QAM	1	1	19.69	19.78	19.58	19.38	20.60
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	19.95	19.98	20.10	20.11	20.60
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	19.96	19.98	20.13	20.08	20.60
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	19.95	19.93	20.13	20.01	20.60
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	19.92	19.91	20.16	20.03	20.60
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	19.88	19.95	20.11	20.12	20.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	19.85	19.88	20.13	20.16	20.60
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	19.91	20.00	20.02	20.01	20.60
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	19.87	19.98	20.04	20.06	20.60
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	19.87	19.93	20.12	19.98	20.60
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	19.88	19.98	20.13	20.10	20.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	19.94	19.91	20.09	20.06	20.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	23.09	23.10	23.27	23.13	23.60
100		1	137	22.85	23.22	23.06	22.99	23.60
100		1	271	22.80	23.12	23.04	22.97	23.60
100	PI/2 BPSK	135	0	22.79	23.09	22.96	22.81	23.60
100		135	69	22.79	23.08	23.19	23.14	23.60
100		135	138	22.78	23.14	23.04	22.92	23.60
100		270	0	22.82	23.21	23.03	23.04	23.60
100		1	1	22.75	23.03	22.96	22.83	23.60
100		1	137	22.85	23.17	23.06	23.07	23.60
100		1	271	22.84	23.15	23.01	22.99	23.60
100	QPSK	135	0	22.80	23.13	23.03	23.03	23.60
100		135	69	22.78	23.18	23.14	23.04	23.60
100		135	138	22.82	23.18	23.06	23.07	23.60
100		270	0	22.86	23.15	23.13	23.06	23.60
100	16QAM	1	1	22.74	23.16	23.09	23.10	23.60
100	64QAM	1	1	22.79	22.87	23.11	22.90	23.50
100	256QAM	1	1	20.78	20.77	21.06	20.93	21.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	23.03	22.88	23.20	22.87	23.60
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.97	22.95	23.16	22.89	23.60
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	23.07	23.04	23.19	23.09	23.60
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.02	23.04	23.14	23.09	23.60
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.96	23.07	23.23	23.04	23.60
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.97	23.07	23.14	23.12	23.60
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.05	23.03	23.24	23.07	23.60
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.06	23.01	23.16	23.14	23.60
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.96	23.05	23.24	22.98	23.60
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.06	22.89	23.23	23.08	23.60
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	23.06	23.05	23.20	23.03	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		19.82		20.60
100		1	137		19.70		20.60
100		1	271		19.80		20.60
100	PI/2 BPSK	135	0		19.67		20.60
100		135	69		19.79		20.60
100		135	138		19.62		20.60
100		270	0		19.70		20.60
100		1	1		19.53		20.60
100		1	137		19.75		20.60
100		1	271		19.75		20.60
100	QPSK	135	0		19.70		20.60
100		135	69		19.72		20.60
100		135	138		19.75		20.60
100		270	0		19.76		20.60
100	16QAM	1	1		19.71		20.60
100	64QAM	1	1		19.66		20.60
100	256QAM	1	1		19.52		20.60
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.66	19.71	19.70	20.60
Channel				632998	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.54	19.68	19.56	20.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.65	19.59	19.62	20.60
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.58	19.61	19.65	20.60
Channel				631666	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.55	19.63	19.56	20.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.60	19.68	19.60	20.60
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.65	19.58	19.64	20.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.61	19.56	19.67	20.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.61	19.65	19.63	20.60
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.52	19.62	19.69	20.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.52	19.61	19.61	20.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.93		23.60
100		1	137		22.81		23.60
100		1	271		22.88		23.60
100		135	0		22.78		23.60
100		135	69		22.88		23.60
100		135	138		22.71		23.60
100		270	0		22.81		23.60
100	QPSK	1	1		22.60		23.60
100		1	137		22.86		23.60
100		1	271		22.88		23.60
100		135	0		22.82		23.60
100		135	69		22.82		23.60
100		135	138		22.87		23.60
100		270	0		22.84		23.60
100	16QAM	1	1		22.79		23.60
100	64QAM	1	1		22.82		23.50
100	256QAM	1	1		20.79		21.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.72	22.78	22.72	23.60
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3496.98	3510	
80	PI/2 BPSK	1	1	22.67	22.70	22.68	23.60
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3496.98	3514.98	
70	PI/2 BPSK	1	1	22.61	22.76	22.64	23.60
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3496.98	3519.99	
60	PI/2 BPSK	1	1	22.63	22.75	22.63	23.60
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3496.98	3525	
50	PI/2 BPSK	1	1	22.68	22.69	22.63	23.60
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3496.98	3529.98	
40	PI/2 BPSK	1	1	22.63	22.66	22.66	23.60
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3465	3496.98	3534.99	
30	PI/2 BPSK	1	1	22.71	22.65	22.63	23.60
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3496.98	3537.48	
25	PI/2 BPSK	1	1	22.62	22.63	22.70	23.60
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3496.98	3540	
20	PI/2 BPSK	1	1	22.70	22.70	22.67	23.60
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3496.98	3542.49	
15	PI/2 BPSK	1	1	22.69	22.71	22.69	23.60
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3496.98	3544.98	
10	PI/2 BPSK	1	1	22.66	22.70	22.57	23.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.97		20.60
100		1	137		19.88		20.60
100		1	271		19.93		20.60
100		135	0		19.78		20.60
100		135	69		19.95		20.60
100		135	138		19.79		20.60
100		270	0		19.91		20.60
100	QPSK	1	1		19.87		20.60
100		1	137		19.89		20.60
100		1	271		19.92		20.60
100		135	0		19.91		20.60
100		135	69		19.83		20.60
100		135	138		19.87		20.60
100		270	0		19.82		20.60
100	16QAM	1	1		19.94		20.60
100	64QAM	1	1		19.60		20.60
100	256QAM	1	1		19.63		20.60
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.91	19.94	19.90	20.60
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.83	19.80	19.79	20.60
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.76	19.89	19.77	20.60
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.76	19.81	19.84	20.60
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.89	19.86	19.79	20.60
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.88	19.85	19.82	20.60
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	19.79	19.86	19.85	20.60
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	19.84	19.92	19.81	20.60
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.82	19.89	19.81	20.60
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.78	19.80	19.80	20.60
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.84	19.80	19.88	20.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.08		23.60
100		1	137		22.97		23.60
100		1	271		23.05		23.60
100		135	0		22.88		23.60
100		135	69		23.05		23.60
100		135	138		22.90		23.60
100		270	0		23.03		23.60
100	QPSK	1	1		22.99		23.60
100		1	137		23.01		23.60
100		1	271		23.04		23.60
100		135	0		23.00		23.60
100		135	69		22.91		23.60
100		135	138		22.97		23.60
100		270	0		22.92		23.60
100	16QAM	1	1		23.06		23.60
100	64QAM	1	1		22.89		23.50
100	256QAM	1	1		20.93		21.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.82	23.01	22.85	23.60
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	22.78	22.94	22.73	23.60
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	22.75	22.98	22.84	23.60
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.73	22.89	22.80	23.60
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.68	22.90	22.81	23.60
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	22.69	22.94	22.83	23.60
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	22.76	22.91	22.83	23.60
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	22.75	22.98	22.81	23.60
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.74	22.89	22.81	23.60
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	22.79	22.88	22.82	23.60
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	22.73	22.90	22.70	23.60

<FR1 n2_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	22.98	23.10	22.96	24.00
40		1	108	22.92	23.08	22.92	24.00
40		1	214	22.79	22.95	22.80	24.00
40	PI/2 BPSK	108	0	22.24	22.50	22.29	23.50
40		108	54	22.81	23.02	22.80	24.00
40		108	108	22.31	22.54	22.27	23.50
40		216	0	22.31	22.51	22.34	23.50
40		1	1	22.70	22.96	22.71	24.00
40		1	108	22.80	23.04	22.78	24.00
40		1	214	22.72	22.97	22.71	24.00
40	QPSK	108	0	21.94	22.00	21.83	23.00
40		108	54	22.80	23.01	22.80	24.00
40		108	108	21.85	22.04	21.78	23.00
40		216	0	21.76	22.01	21.77	23.00
40	16QAM	1	1	21.88	22.10	21.82	23.00
40	64QAM	1	1	20.08	20.27	20.13	21.50
40	256QAM	1	1	18.12	18.23	18.04	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.91	23.02	22.91	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.96	22.97	22.88	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.92	23.04	22.86	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.90	22.99	22.94	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.86	23.01	22.91	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.90	23.06	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.94	23.01	22.93	24.00

<FR1 n5_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	23.06	23.10	23.09	24.00
20		1	53	22.96	23.06	22.95	24.00
20		1	104	22.93	23.05	22.95	24.00
20	PI/2 BPSK	50	0	22.39	22.52	22.37	23.50
20		50	28	22.92	23.05	23.00	24.00
20		50	56	22.36	22.47	22.33	23.50
20		100	0	22.38	22.55	22.51	23.50
20		1	1	22.91	23.09	22.98	24.00
20		1	53	22.85	23.03	22.88	24.00
20		1	104	23.02	23.08	23.02	24.00
20	QPSK	50	0	21.95	22.01	21.93	23.00
20		50	28	22.90	23.04	23.00	24.00
20		50	56	21.81	21.97	21.84	23.00
20		100	0	21.87	22.02	21.93	23.00
20	16QAM	1	1	22.15	22.22	22.14	23.00
20	64QAM	1	1	20.28	20.37	20.21	21.50
20	256QAM	1	1	18.32	18.38	18.33	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.92	23.00	22.96	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.96	23.00	22.96	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	23.02	23.01	23.08	24.00

<FR1 n12_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.05	23.13	23.11	24.00
15		1	40	22.93	23.03	22.93	24.00
15		1	77	22.90	23.03	22.87	24.00
15		36	0	22.34	22.53	22.49	23.50
15		36	22	22.82	22.99	22.83	24.00
15		36	43	22.42	22.56	22.47	23.50
15		75	0	22.49	22.56	22.43	23.50
15	QPSK	1	1	22.91	23.12	22.97	24.00
15		1	40	22.87	23.03	22.89	24.00
15		1	77	22.92	23.08	23.00	24.00
15		36	0	21.94	22.03	21.99	23.00
15		36	22	22.76	22.96	22.82	24.00
15		36	43	21.90	22.06	21.89	23.00
15		75	0	21.85	22.06	21.90	23.00
15	16QAM	1	1	22.06	22.27	22.13	23.00
15	64QAM	1	1	20.25	20.46	20.38	21.50
15	256QAM	1	1	18.41	18.53	18.37	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.00	23.08	23.07	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.99	23.02	23.05	24.00

<FR1 n13_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.15		24.00
10		1	26		23.07		24.00
10		1	50		23.06		24.00
10		25	0		22.53		23.50
10		25	14		23.07		24.00
10		25	27		22.61		23.50
10		50	0		22.56		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.07		24.00
10		1	50		23.08		24.00
10		25	0		22.01		23.00
10		25	14		23.05		24.00
10		25	27		22.09		23.00
10		50	0		22.05		23.00
10	16QAM	1	1		22.22		23.00
10	64QAM	1	1		20.38		21.50
10	256QAM	1	1		18.45		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.08	23.12	23.11	24.00

<FR1 n14_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		23.15		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.60		23.50
10		25	14		23.07		24.00
10		25	27		22.54		23.50
10		50	0		22.59		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.09		23.00
10		25	14		23.08		24.00
10		25	27		22.04		23.00
10		50	0		22.06		23.00
10	16QAM	1	1		22.27		23.00
10	64QAM	1	1		20.48		21.50
10	256QAM	1	1		18.54		19.50
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	23.08	23.10	23.01	24.00

<FR1 n25_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.90	23.05	22.95	23.90
40		1	108	22.72	23.01	22.87	23.90
40		1	214	22.76	22.94	22.75	23.90
40		108	0	22.24	22.51	22.40	23.50
40		108	54	22.82	23.00	22.78	23.90
40		108	108	22.33	22.49	22.29	23.50
40		216	0	22.25	22.49	22.34	23.50
40	QPSK	1	1	22.73	22.91	22.80	23.90
40		1	108	22.75	23.01	22.85	23.90
40		1	214	22.71	22.92	22.79	23.90
40		108	0	22.73	22.98	22.75	23.00
40		108	54	22.73	22.97	22.81	23.90
40		108	108	21.83	21.98	21.86	23.00
40		216	0	21.80	21.97	21.76	23.00
40	16QAM	1	1	21.77	22.06	21.83	23.00
40	64QAM	1	1	20.04	20.24	20.01	21.50
40	256QAM	1	1	17.98	18.21	18.00	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	22.82	22.98	22.83	23.90
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.81	22.93	22.83	23.90
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.76	22.98	22.83	23.90
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.77	23.03	22.83	23.90
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.80	22.99	22.89	23.90
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.77	22.97	22.93	23.90
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.85	22.92	22.86	23.90

<FR1 n26_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	23.13	23.15	23.11	24.00
20		1	53	23.03	23.10	22.99	24.00
20		1	104	22.99	23.08	23.01	24.00
20	PI/2 BPSK	50	0	22.45	22.61	22.55	23.50
20		50	28	22.94	23.10	22.94	24.00
20		50	56	22.58	22.62	22.51	23.50
20		100	0	22.45	22.61	22.50	23.50
20		1	1	23.05	23.13	22.99	24.00
20		1	53	22.95	23.08	23.00	24.00
20		1	104	23.02	23.08	22.92	24.00
20	QPSK	50	0	22.02	22.11	21.97	23.00
20		50	28	22.93	23.07	22.91	24.00
20		50	56	21.93	22.09	21.99	23.00
20		100	0	22.02	22.12	22.04	23.00
20	16QAM	1	1	22.23	22.28	22.16	23.00
20	64QAM	1	1	20.40	20.43	20.26	21.50
20	256QAM	1	1	18.37	18.44	18.26	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	23.04	23.12	22.97	24.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	23.00	23.11	22.97	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	23.09	23.13	22.99	24.00

<FR1 n66_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	22.90	23.10	22.92	24.00
45		1	120	22.72	23.06	22.76	24.00
45		1	240	22.71	22.96	22.85	24.00
45	PI/2 BPSK	120	0	22.19	22.49	22.24	23.50
45		120	60	22.75	23.03	22.72	24.00
45		120	120	22.31	22.53	22.26	23.50
45		240	0	22.20	22.46	22.26	23.50
45		1	1	22.63	22.90	22.59	24.00
45		1	120	22.85	23.07	22.81	24.00
45		1	240	22.71	22.97	22.67	24.00
45	QPSK	120	0	21.78	22.01	21.81	23.00
45		120	60	22.78	23.06	22.77	24.00
45		120	120	21.80	22.04	21.72	23.00
45		240	0	21.74	21.96	21.72	23.00
45	16QAM	1	1	21.80	22.01	21.73	23.00
45	64QAM	1	1	19.96	20.17	19.98	21.50
45	256QAM	1	1	17.97	18.17	17.95	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.76	22.99	22.80	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.88	23.05	22.81	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.78	22.99	22.80	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.81	22.98	22.83	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.81	22.99	22.84	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.80	23.04	22.78	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.81	23.03	22.80	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.82	23.00	22.88	24.00

<FR1 n70_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		23.01		24.00
15		1	40		23.00		24.00
15		1	77		22.95		24.00
15		36	0		22.42		23.50
15		36	22		22.96		24.00
15		36	43		22.47		23.50
15		75	0		22.43		23.50
15	QPSK	1	1		22.94		24.00
15		1	40		22.99		24.00
15		1	77		22.96		24.00
15		36	0		21.93		23.00
15		36	22		22.94		24.00
15		36	43		21.95		23.00
15		75	0		21.93		23.00
15	16QAM	1	1		22.07		23.00
15	64QAM	1	1		20.23		21.50
15	256QAM	1	1		18.24		19.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	22.93	23.00	22.95	24.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	22.86	22.93	22.80	24.00

<FR1 n71_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.12		24.00
35		1	90		23.04		24.00
35		1	186		23.05		24.00
35		90	0		22.58		23.50
35		90	45		23.10		24.00
35		90	90		22.59		23.50
35		180	0		22.59		23.50
35	QPSK	1	1		23.05		24.00
35		1	90		23.04		24.00
35		1	186		23.06		24.00
35		90	0		22.07		23.00
35		90	45		23.10		24.00
35		90	90		22.07		23.00
35		180	0		22.12		23.00
35	16QAM	1	1		22.19		23.00
35	64QAM	1	1		20.40		21.50
35	256QAM	1	1		18.41		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.05	23.10	23.08	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	22.99	22.98	23.01	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.96	23.03	23.01	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.96	23.07	23.01	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.99	22.95	22.96	24.00

<GSM>

GSM850_Ant 0_ECI 7	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency(MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.73	31.75	31.68	32.40	22.73	22.75	22.68	23.40
GPRS 1 Tx slot	31.65	31.72	31.54	32.40	22.65	22.72	22.54	23.40
GPRS 2 Tx slots	28.59	28.73	28.55	29.40	22.59	22.73	22.55	23.40
GPRS 3 Tx slots	26.68	26.74	26.58	27.60	22.42	22.48	22.32	23.34
GPRS 4 Tx slots	25.41	25.48	25.27	26.40	22.41	22.48	22.27	23.40
EDGE 1 Tx slot	27.26	27.29	27.21	28.50	18.28	18.29	18.21	19.50
EDGE 2 Tx slots	26.09	26.08	26.03	27.00	20.09	20.08	20.03	21.00
EDGE 3 Tx slots	23.97	23.82	23.78	25.00	19.71	19.58	19.52	20.74
EDGE 4 Tx slots	22.56	22.44	22.35	23.50	19.56	19.44	19.35	20.50

<GSM>

GSM1900_Ant 0_ECI 7	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency(MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.81	28.85	28.80	29.80	19.81	19.85	19.80	20.80
GPRS 1 Tx slot	28.68	28.83	28.75	29.80	19.68	19.83	19.75	20.80
GPRS 2 Tx slots	25.82	25.75	25.92	26.80	19.82	19.75	19.92	20.80
GPRS 3 Tx slots	23.94	24.02	23.89	25.00	19.68	19.76	19.63	20.74
GPRS 4 Tx slots	22.52	22.68	22.49	23.80	19.52	19.68	19.49	20.80
EDGE 1 Tx slot	26.44	26.40	26.46	27.50	17.44	17.40	17.46	18.50
EDGE 2 Tx slots	25.21	25.16	25.19	26.00	19.21	19.16	19.19	20.00
EDGE 3 Tx slots	22.92	22.92	22.86	24.00	18.66	18.66	18.60	19.74
EDGE 4 Tx slots	21.77	21.62	21.57	22.50	18.77	18.62	18.57	19.50

<WCDMA>

Band		WCDMA II_Ant 0_ECI 7			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Frequency(MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.08	19.10	19.06	20.30
	RMC 12.2Kbps	19.13	19.15	19.11	20.30
3GPP Rel 6	HSDPA Subtest-1	18.18	18.29	18.22	19.30
	HSDPA Subtest-2	18.35	18.38	18.31	19.30
	HSDPA Subtest-3	17.82	17.90	17.81	18.80
	HSDPA Subtest-4	17.59	17.66	17.56	18.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.22	18.26	18.11	19.30
	DC-HSDPA Subtest-2	18.22	18.33	18.19	19.30
	DC-HSDPA Subtest-3	17.79	17.83	17.66	18.80
	DC-HSDPA Subtest-4	17.64	17.77	17.62	18.80
3GPP Rel 6	HSUPA Subtest-1	18.26	18.39	18.33	19.30
	HSUPA Subtest-2	16.06	16.15	15.96	17.30
	HSUPA Subtest-3	17.07	17.19	17.01	18.30
	HSUPA Subtest-4	16.21	16.31	16.13	17.30
	HSUPA Subtest-5	18.02	18.15	18.03	19.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.61	15.74	15.68	16.80

<WCDMA>

Band		WCDMA IV_Ant 0_ECI 7			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Frequency(MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.65	18.68	18.60	20.20
	RMC 12.2Kbps	18.68	18.72	18.66	20.20
3GPP Rel 6	HSDPA Subtest-1	17.30	17.48	17.31	19.20
	HSDPA Subtest-2	17.51	17.65	17.56	19.20
	HSDPA Subtest-3	17.32	17.37	17.22	18.70
	HSDPA Subtest-4	17.06	17.18	17.08	18.70
3GPP Rel 8	DC-HSDPA Subtest-1	17.41	17.58	17.40	19.20
	DC-HSDPA Subtest-2	17.40	17.48	17.26	19.20
	DC-HSDPA Subtest-3	17.03	17.21	17.00	18.70
	DC-HSDPA Subtest-4	16.89	17.03	16.86	18.70
3GPP Rel 6	HSUPA Subtest-1	17.73	17.81	17.67	19.20
	HSUPA Subtest-2	15.53	15.70	15.60	17.20
	HSUPA Subtest-3	16.52	16.61	16.48	18.20
	HSUPA Subtest-4	15.59	15.72	15.49	17.20
	HSUPA Subtest-5	17.33	17.45	17.29	19.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.82	14.88	14.75	16.70

<WCDMA>

Band		WCDMA V_Ant 0_ECI 7			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Frequency(MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.31	23.32	23.15	24.00
	RMC 12.2Kbps	23.33	23.34	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.30	22.03	23.00
	HSDPA Subtest-2	22.23	22.33	22.12	23.00
	HSDPA Subtest-3	21.63	21.73	21.51	22.50
	HSDPA Subtest-4	21.73	21.77	21.48	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.10	22.25	22.06	23.00
	DC-HSDPA Subtest-2	22.16	22.26	21.97	23.00
	DC-HSDPA Subtest-3	21.60	21.65	21.45	22.50
	DC-HSDPA Subtest-4	21.72	21.75	21.51	22.50
3GPP Rel 6	HSUPA Subtest-1	22.10	22.19	21.90	23.00
	HSUPA Subtest-2	20.13	20.19	19.94	21.00
	HSUPA Subtest-3	21.32	21.37	21.08	22.00
	HSUPA Subtest-4	20.32	20.38	20.16	21.00
	HSUPA Subtest-5	22.18	22.21	21.98	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.72	19.79	19.49	20.50

<LTE Band 7_Ant 1_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.70	19.74	19.68	20.60
20		1	49	19.47	19.55	19.40	20.60
20		1	99	19.45	19.58	19.43	20.60
20		50	0	19.62	19.68	19.65	20.60
20		50	24	19.57	19.68	19.54	20.60
20		50	50	19.47	19.63	19.55	20.60
20		100	0	19.45	19.62	19.45	20.60
20	16QAM	1	0	19.44	19.57	19.45	20.60
20		1	49	19.54	19.61	19.50	20.60
20		1	99	19.38	19.56	19.48	20.60
20		50	0	19.44	19.61	19.52	20.60
20		50	24	19.51	19.59	19.40	20.60
20		50	50	19.42	19.56	19.48	20.60
20		100	0	19.55	19.61	19.40	20.60
20	64QAM	1	0	19.42	19.57	19.43	20.60
20		1	49	19.54	19.71	19.60	20.60
20		1	99	19.52	19.62	19.51	20.60
20		50	0	19.60	19.73	19.50	20.60
20		50	24	19.64	19.72	19.51	20.60
20		50	50	19.53	19.68	19.58	20.60
20		100	0	19.62	19.70	19.49	20.60
20	256QAM	1	0	17.67	17.77	17.63	19.00
20		1	49	17.66	17.80	17.65	19.00
20		1	99	17.65	17.73	17.54	19.00
20		50	0	17.55	17.69	17.59	19.00
20		50	24	17.59	17.70	17.48	19.00
20		50	50	17.57	17.67	17.54	19.00
20		100	0	17.64	17.70	17.53	19.00
Channel				20825	21100	21375	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.67	19.72	19.63	20.60
15		1	37	19.35	19.43	19.31	20.60
15		1	74	19.34	19.52	19.29	20.60
15		36	0	19.52	19.63	19.51	20.60
15		36	20	19.46	19.64	19.48	20.60
15		36	39	19.37	19.51	19.44	20.60
15		75	0	19.37	19.57	19.31	20.60
15	16QAM	1	0	19.41	19.54	19.44	20.60
15		1	37	19.48	19.47	19.42	20.60
15		1	74	19.28	19.49	19.42	20.60
15		36	0	19.41	19.56	19.49	20.60
15		36	20	19.46	19.58	19.26	20.60
15		36	39	19.28	19.44	19.42	20.60
15		75	0	19.46	19.50	19.28	20.60
15	64QAM	1	0	19.40	19.56	19.37	20.60
15		1	37	19.44	19.63	19.47	20.60
15		1	74	19.42	19.60	19.48	20.60
15		36	0	19.55	19.66	19.36	20.60
15		36	20	19.51	19.62	19.45	20.60
15		36	39	19.50	19.54	19.44	20.60
15		75	0	19.54	19.68	19.46	20.60
15	256QAM	1	0	17.13	17.03	17.10	19.00
15		1	37	17.02	17.05	17.08	19.00
15		1	74	17.10	17.09	17.08	19.00
15		36	0	17.14	17.10	17.09	19.00
15		36	20	17.12	17.08	17.14	19.00
15		36	39	17.08	17.02	17.02	19.00
15		75	0	17.11	17.11	17.01	19.00
Channel				20850	21100	21400	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.61	19.68	19.56	20.60
10		1	25	19.46	19.45	19.33	20.60
10		1	49	19.35	19.50	19.37	20.60
10		25	0	19.57	19.62	19.50	20.60
10		25	12	19.46	19.57	19.49	20.60
10		25	25	19.35	19.50	19.52	20.60
10		50	0	19.38	19.49	19.40	20.60
10	16QAM	1	0	19.35	19.50	19.35	20.60
10		1	25	19.44	19.58	19.37	20.60
10		1	49	19.23	19.44	19.37	20.60
10		25	0	19.32	19.59	19.48	20.60
10		25	12	19.38	19.49	19.30	20.60
10		25	25	19.38	19.50	19.39	20.60
10		50	0	19.49	19.49	19.25	20.60
10	64QAM	1	0	19.27	19.53	19.32	20.60
10		1	25	19.43	19.64	19.53	20.60
10		1	49	19.41	19.59	19.38	20.60
10		25	0	19.57	19.58	19.41	20.60
10		25	12	19.62	19.59	19.40	20.60
10		25	25	19.44	19.60	19.56	20.60
10		50	0	19.52	19.60	19.35	20.60
10	256QAM	1	0	17.06	17.03	17.02	19.00
10		1	25	17.09	17.12	17.02	19.00
10		1	49	17.08	17.09	17.12	19.00
10		25	0	17.11	17.04	17.01	19.00
10		25	12	17.01	17.09	17.14	19.00
10		25	25	17.13	17.02	17.09	19.00
10		50	0	17.06	17.10	17.12	19.00
Channel				20775	21100	21425	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.68	19.67	19.65	20.60
5		1	12	19.41	19.51	19.31	20.60
5		1	24	19.32	19.44	19.36	20.60
5		12	0	19.59	19.60	19.58	20.60
5		12	7	19.43	19.56	19.42	20.60
5		12	13	19.40	19.60	19.50	20.60
5		25	0	19.34	19.55	19.39	20.60
5	16QAM	1	0	19.33	19.50	19.31	20.60
5		1	12	19.39	19.47	19.41	20.60
5		1	24	19.31	19.42	19.38	20.60
5		12	0	19.34	19.48	19.40	20.60
5		12	7	19.46	19.47	19.26	20.60
5		12	13	19.32	19.53	19.43	20.60
5		25	0	19.53	19.58	19.32	20.60
5	64QAM	1	0	19.41	19.53	19.37	20.60
5		1	12	19.50	19.68	19.58	20.60
5		1	24	19.39	19.60	19.49	20.60
5		12	0	19.48	19.66	19.48	20.60
5		12	7	19.58	19.59	19.41	20.60
5		12	13	19.39	19.66	19.47	20.60
5		25	0	19.56	19.55	19.41	20.60
5	256QAM	1	0	17.12	17.08	17.01	19.00
5		1	12	17.15	17.14	17.11	19.00
5		1	24	17.08	17.04	17.13	19.00
5		12	0	17.14	17.02	17.04	19.00
5		12	7	17.09	17.13	17.11	19.00
5		12	13	17.12	17.15	17.07	19.00
5		25	0	17.14	17.12	17.12	19.00

<LTE Band 30_Ant 1_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		21.57		22.50
10		1	25		21.39		22.50
10		1	49		21.53		22.50
10		25	0		21.50		22.50
10		25	12		21.44		22.50
10		25	25		21.49		22.50
10		50	0		21.52		22.50
10	16QAM	1	0		21.40		22.50
10		1	25		21.49		22.50
10		1	49		21.51		22.50
10		25	0		20.65		22.00
10		25	12		20.59		22.00
10		25	25		20.61		22.00
10		50	0		20.63		22.00
10	64QAM	1	0		20.86		22.00
10		1	25		20.82		22.00
10		1	49		20.91		22.00
10		25	0		19.65		21.00
10		25	12		19.64		21.00
10		25	25		19.62		21.00
10		50	0		19.66		21.00
10	256QAM	1	0		17.85		19.00
10		1	25		17.75		19.00
10		1	49		17.71		19.00
10		25	0		17.70		19.00
10		25	12		17.66		19.00
10		25	25		17.60		19.00
10		50	0		17.65		19.00
Channel				27685	27710	27735	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	21.50	21.55	21.43	22.50
5		1	12	21.30	21.36	21.10	22.50
5		1	24	21.23	21.38	21.17	22.50
5		12	0	21.21	21.35	21.19	22.50
5		12	7	21.17	21.34	21.18	22.50
5		12	13	21.27	21.37	21.14	22.50
5		25	0	21.34	21.45	21.32	22.50
5	16QAM	1	0	21.18	21.33	21.20	22.50
5		1	12	21.34	21.43	21.19	22.50
5		1	24	21.24	21.33	21.19	22.50
5		12	0	20.37	20.46	20.22	22.00
5		12	7	20.30	20.43	20.21	22.00
5		12	13	20.26	20.39	20.25	22.00
5		25	0	20.51	20.58	20.40	22.00
5	64QAM	1	0	20.66	20.74	20.60	22.00
5		1	12	20.71	20.78	20.61	22.00
5		1	24	20.69	20.86	20.62	22.00
5		12	0	19.45	19.63	19.38	21.00
5		12	7	19.46	19.53	19.39	21.00
5		12	13	19.30	19.43	19.20	21.00
5		25	0	19.41	19.61	19.44	21.00
5	256QAM	1	0	17.65	17.79	17.53	19.00
5		1	12	17.49	17.58	17.43	19.00
5		1	24	17.56	17.66	17.50	19.00
5		12	0	17.52	17.62	17.47	19.00
5		12	7	17.37	17.51	17.32	19.00
5		12	13	17.41	17.51	17.34	19.00
5		25	0	17.26	17.46	17.24	19.00

<LTE Band 38_Ant 1_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.74	22.88	22.85	24.00
20		1	49	22.56	22.75	22.58	24.00
20		1	99	22.45	22.68	22.59	24.00
20		50	0	21.49	21.70	21.56	23.00
20		50	24	21.43	21.69	21.65	23.00
20		50	50	21.42	21.66	21.58	23.00
20		100	0	21.51	21.66	21.51	23.00
20	16QAM	1	0	21.58	21.76	21.64	23.00
20		1	49	21.51	21.73	21.60	23.00
20		1	99	21.47	21.63	21.55	23.00
20		50	0	20.56	20.76	20.60	22.00
20		50	24	20.51	20.72	20.59	22.00
20		50	50	20.44	20.70	20.61	22.00
20		100	0	20.54	20.74	20.65	22.00
20	64QAM	1	0	20.25	20.44	20.30	22.00
20		1	49	20.24	20.40	20.30	22.00
20		1	99	20.10	20.32	20.27	22.00
20		50	0	19.56	19.81	19.74	21.00
20		50	24	19.57	19.77	19.71	21.00
20		50	50	19.50	19.74	19.62	21.00
20		100	0	19.51	19.74	19.58	21.00
20	256QAM	1	0	17.36	17.59	17.55	19.00
20		1	49	17.36	17.56	17.51	19.00
20		1	99	17.38	17.50	17.35	19.00
20		50	0	17.66	17.84	17.80	19.00
20		50	24	17.55	17.80	17.73	19.00
20		50	50	17.58	17.79	17.70	19.00
20		100	0	17.52	17.72	17.64	19.00
Channel				37825	38000	38175	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.68	22.80	22.75	24.00
15		1	37	22.45	22.64	22.55	24.00
15		1	74	22.35	22.59	22.56	24.00
15		36	0	21.42	21.58	21.47	23.00
15		36	20	21.40	21.63	21.61	23.00
15		36	39	21.37	21.57	21.48	23.00
15		75	0	21.44	21.62	21.38	23.00
15	16QAM	1	0	21.49	21.71	21.54	23.00
15		1	37	21.38	21.67	21.56	23.00
15		1	74	21.37	21.54	21.43	23.00
15		36	0	20.47	20.71	20.56	22.00
15		36	20	20.42	20.63	20.56	22.00
15		36	39	20.37	20.63	20.49	22.00
15		75	0	20.44	20.60	20.50	22.00
15	64QAM	1	0	20.12	20.35	20.20	22.00
15		1	37	20.22	20.29	20.19	22.00
15		1	74	20.00	20.25	20.18	22.00
15		36	0	19.48	19.69	19.60	21.00
15		36	20	19.54	19.64	19.64	21.00
15		36	39	19.37	19.65	19.47	21.00
15		75	0	19.42	19.72	19.46	21.00
15	256QAM	1	0	17.30	17.53	17.43	19.00
15		1	37	17.34	17.43	17.45	19.00
15		1	74	17.25	17.35	17.28	19.00
15		36	0	17.59	17.74	17.69	19.00
15		36	20	17.50	17.73	17.69	19.00
15		36	39	17.46	17.77	17.59	19.00
15		75	0	17.51	17.69	17.61	19.00
Channel				37800	38000	38200	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.69	22.80	22.74	24.00
10		1	25	22.44	22.68	22.52	24.00
10		1	49	22.33	22.59	22.56	24.00
10		25	0	21.44	21.66	21.46	23.00
10		25	12	21.40	21.58	21.62	23.00
10		25	25	21.33	21.63	21.44	23.00
10		50	0	21.36	21.55	21.44	23.00
10	16QAM	1	0	21.55	21.66	21.59	23.00
10		1	25	21.40	21.66	21.53	23.00
10		1	49	21.42	21.61	21.41	23.00
10		25	0	20.54	20.74	20.53	22.00
10		25	12	20.40	20.62	20.54	22.00
10		25	25	20.30	20.66	20.48	22.00
10		50	0	20.52	20.71	20.56	22.00
10	64QAM	1	0	20.14	20.31	20.18	22.00
10		1	25	20.10	20.29	20.18	22.00
10		1	49	20.01	20.30	20.18	22.00
10		25	0	19.51	19.71	19.62	21.00
10		25	12	19.49	19.72	19.68	21.00
10		25	25	19.47	19.64	19.52	21.00
10		50	0	19.46	19.66	19.51	21.00
10	256QAM	1	0	17.29	17.56	17.41	19.00
10		1	25	17.32	17.44	17.43	19.00
10		1	49	17.30	17.45	17.24	19.00
10		25	0	17.58	17.71	17.75	19.00
10		25	12	17.54	17.67	17.60	19.00
10		25	25	17.54	17.70	17.66	19.00
10		50	0	17.50	17.65	17.60	19.00
Channel				37775	38000	38225	Tune-up Limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.59	22.80	22.77	24.00
5		1	12	22.47	22.72	22.46	24.00
5		1	24	22.40	22.57	22.47	24.00
5		12	0	21.43	21.64	21.44	23.00
5		12	7	21.29	21.64	21.55	23.00
5		12	13	21.33	21.52	21.53	23.00
5		25	0	21.38	21.63	21.49	23.00
5	16QAM	1	0	21.51	21.63	21.60	23.00
5		1	12	21.49	21.71	21.50	23.00
5		1	24	21.33	21.59	21.41	23.00
5		12	0	20.47	20.65	20.53	22.00
5		12	7	20.49	20.65	20.46	22.00
5		12	13	20.37	20.61	20.47	22.00
5		25	0	20.44	20.60	20.60	22.00
5	64QAM	1	0	20.17	20.39	20.28	22.00
5		1	12	20.20	20.34	20.25	22.00
5		1	24	20.02	20.23	20.21	22.00
5		12	0	19.51	19.71	19.68	21.00
5		12	7	19.47	19.66	19.60	21.00
5		12	13	19.36	19.66	19.57	21.00
5		25	0	19.50	19.66	19.53	21.00
5	256QAM	1	0	17.31	17.52	17.51	19.00
5		1	12	17.32	17.43	17.50	19.00
5		1	24	17.23	17.39	17.27	19.00
5		12	0	17.51	17.83	17.73	19.00
5		12	7	17.40	17.68	17.70	19.00
5		12	13	17.49	17.69	17.68	19.00
5		25	0	17.45	17.61	17.56	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.42	22.53	22.65	22.52	22.64	24.00
20		1	49	22.24	22.44	22.58	22.37	22.51	24.00
20		1	99	22.14	22.32	22.48	22.23	22.34	24.00
20		50	0	21.38	21.40	21.51	21.45	21.46	23.00
20		50	24	21.20	21.22	21.48	21.29	21.41	23.00
20		50	50	21.23	21.28	21.46	21.27	21.43	23.00
20		100	0	21.15	21.32	21.46	21.29	21.36	23.00
20	16QAM	1	0	21.31	21.32	21.55	21.31	21.41	23.00
20		1	49	21.25	21.39	21.54	21.38	21.47	23.00
20		1	99	21.19	21.34	21.47	21.23	21.44	23.00
20		50	0	20.29	20.39	20.56	20.39	20.48	22.00
20		50	24	20.15	20.27	20.50	20.30	20.35	22.00
20		50	50	20.28	20.32	20.50	20.28	20.40	22.00
20		100	0	20.25	20.36	20.54	20.39	20.46	22.00
20	64QAM	1	0	19.95	20.00	20.21	20.05	20.05	21.00
20		1	49	19.87	20.02	20.17	19.91	20.10	21.00
20		1	99	19.77	19.89	20.10	19.93	20.07	21.00
20		50	0	19.37	19.47	19.61	19.47	19.55	21.00
20		50	24	19.26	19.45	19.57	19.33	19.45	21.00
20		50	50	19.23	19.43	19.56	19.32	19.50	21.00
20		100	0	19.31	19.31	19.54	19.39	19.43	21.00
20	256QAM	1	0	17.15	17.14	17.38	17.20	17.31	19.00
20		1	49	17.08	17.26	17.37	17.18	17.33	19.00
20		1	99	17.00	17.10	17.31	17.15	17.21	19.00
20		50	0	17.37	17.51	17.61	17.37	17.57	19.00
20		50	24	17.31	17.40	17.55	17.35	17.42	19.00
20		50	50	17.31	17.47	17.58	17.42	17.56	19.00
20		100	0	17.34	17.29	17.53	17.37	17.51	19.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.28	22.48	22.53	22.39	22.58	24.00
15		1	37	22.11	22.33	22.52	22.35	22.37	24.00
15		1	74	22.00	22.25	22.38	22.13	22.27	24.00
15		36	0	21.04	21.20	21.39	21.19	21.38	23.00
15		36	20	21.16	21.11	21.39	21.28	21.30	23.00
15		36	39	21.10	21.19	21.38	21.19	21.39	23.00
15		75	0	21.07	21.22	21.37	21.28	21.33	23.00
15	16QAM	1	0	21.27	21.28	21.42	21.22	21.37	23.00
15		1	37	21.24	21.35	21.47	21.24	21.40	23.00
15		1	74	21.06	21.24	21.45	21.11	21.36	23.00
15		36	0	20.27	20.29	20.51	20.30	20.37	22.00
15		36	20	20.01	20.24	20.39	20.21	20.24	22.00
15		36	39	20.24	20.20	20.48	20.19	20.32	22.00
15		75	0	20.11	20.31	20.47	20.25	20.31	22.00
15	64QAM	1	0	19.83	19.98	20.14	19.92	20.00	21.00
15		1	37	19.76	19.90	20.03	19.83	20.09	21.00
15		1	74	19.74	19.88	19.97	19.87	20.04	21.00
15		36	0	19.31	19.43	19.58	19.41	19.43	21.00
15		36	20	19.24	19.43	19.56	19.24	19.44	21.00
15		36	39	19.09	19.35	19.54	19.17	19.38	21.00
15		75	0	19.27	19.21	19.40	19.36	19.31	21.00
15	256QAM	1	0	17.08	17.08	17.23	17.05	17.17	19.00
15		1	37	17.05	17.21	17.25	17.15	17.25	19.00
15		1	74	17.00	17.01	17.27	17.10	17.11	19.00
15		36	0	17.23	17.42	17.55	17.32	17.44	19.00
15		36	20	17.26	17.26	17.46	17.32	17.28	19.00
15		36	39	17.26	17.40	17.43	17.37	17.41	19.00
15		75	0	17.21	17.26	17.38	17.34	17.49	19.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.32	22.50	22.61	22.49	22.57	24.00
10		1	25	22.18	22.35	22.50	22.31	22.49	24.00
10		1	49	22.07	22.18	22.42	22.19	22.26	24.00
10		25	0	21.14	21.28	21.36	21.23	21.35	23.00
10		25	12	21.07	21.13	21.37	21.17	21.30	23.00
10		25	25	21.19	21.24	21.38	21.12	21.30	23.00
10		50	0	21.12	21.23	21.36	21.26	21.32	23.00
10	16QAM	1	0	21.22	21.20	21.53	21.25	21.33	23.00
10		1	25	21.13	21.36	21.41	21.29	21.41	23.00
10		1	49	21.14	21.29	21.40	21.08	21.37	23.00
10		25	0	20.20	20.36	20.52	20.26	20.48	22.00
10		25	12	20.01	20.12	20.36	20.18	20.32	22.00
10		25	25	20.17	20.25	20.46	20.26	20.34	22.00
10		50	0	20.24	20.26	20.46	20.26	20.43	22.00
10	64QAM	1	0	19.90	19.88	20.14	19.96	19.94	21.00
10		1	25	19.80	19.91	20.08	19.89	20.00	21.00
10		1	49	19.65	19.87	19.98	19.89	20.02	21.00
10		25	0	19.25	19.37	19.47	19.44	19.44	21.00
10		25	12	19.24	19.43	19.51	19.25	19.33	21.00
10		25	25	19.16	19.32	19.52	19.24	19.38	21.00
10		50	0	19.28	19.17	19.49	19.29	19.40	21.00
10	256QAM	1	0	17.13	17.02	17.29	17.18	17.27	19.00
10		1	25	17.06	17.21	17.26	17.10	17.22	19.00
10		1	49	17.00	17.04	17.19	17.09	17.07	19.00
10		25	0	17.22	17.46	17.46	17.24	17.52	19.00
10		25	12	17.20	17.31	17.45	17.28	17.32	19.00
10		25	25	17.20	17.36	17.45	17.41	17.42	19.00
10		50	0	17.21	17.23	17.52	17.26	17.41	19.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.34	22.46	22.54	22.43	22.61	24.00
5		1	12	22.18	22.31	22.59	22.32	22.43	24.00
5		1	24	22.05	22.26	22.42	22.22	22.30	24.00
5		12	0	21.12	21.25	21.43	21.10	21.38	23.00
5		12	7	21.13	21.09	21.45	21.20	21.27	23.00
5		12	13	21.10	21.24	21.42	21.20	21.40	23.00
5		25	0	21.10	21.27	21.35	21.20	21.29	23.00
5	16QAM	1	0	21.21	21.31	21.49	21.28	21.33	23.00
5		1	12	21.19	21.32	21.50	21.28	21.32	23.00
5		1	24	21.15	21.27	21.43	21.18	21.42	23.00
5		12	0	20.15	20.37	20.49	20.26	20.35	22.00
5		12	7	20.04	20.20	20.40	20.21	20.30	22.00
5		12	13	20.17	20.26	20.35	20.21	20.28	22.00
5		25	0	20.14	20.26	20.48	20.26	20.33	22.00
5	64QAM	1	0	19.81	19.90	20.11	20.01	19.92	21.00
5		1	12	19.79	19.96	20.04	19.78	19.96	21.00
5		1	24	19.69	19.75	20.08	19.83	20.03	21.00
5		12	0	19.26	19.42	19.56	19.42	19.44	21.00
5		12	7	19.18	19.38	19.52	19.20	19.35	21.00
5		12	13	19.10	19.32	19.44	19.19	19.47	21.00
5		25	0	19.23	19.17	19.48	19.36	19.37	21.00
5	256QAM	1	0	17.07	17.08	17.28	17.12	17.27	19.00
5		1	12	17.06	17.22	17.32	17.14	17.24	19.00
5		1	24	17.01	17.04	17.25	17.06	17.17	19.00
5		12	0	17.30	17.48	17.52	17.20	17.44	19.00
5		12	7	17.16	17.28	17.46	17.22	17.37	19.00
5		12	13	17.28	17.32	17.56	17.34	17.51	19.00
5		25	0	17.20	17.20	17.46	17.29	17.44	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.			Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.25	24.28	24.41	24.30	24.39	25.60
20		1	49	24.21	24.25	24.33	24.13	24.30	25.60
20		1	99	24.26	24.17	24.40	24.23	24.34	25.60
20		50	0	24.18	24.20	24.38	24.14	24.21	25.60
20		50	24	24.25	24.14	24.32	24.14	24.24	25.60
20		50	50	24.24	24.26	24.37	24.13	24.25	25.60
20		100	0	24.21	24.15	24.30	24.15	24.38	25.60
20	16QAM	1	0	24.14	24.19	24.29	24.10	24.22	25.60
20		1	49	24.27	24.29	24.21	24.32	24.35	25.60
20		1	99	24.05	24.23	24.20	24.22	24.32	25.60
20		50	0	23.25	23.40	23.50	23.38	23.42	25.00
20		50	24	23.28	23.24	23.47	23.32	23.33	25.00
20		50	50	23.21	23.33	23.46	23.29	23.36	25.00
20		100	0	23.33	23.36	23.49	23.29	23.38	25.00
20	64QAM	1	0	23.18	23.27	23.47	23.35	23.44	25.00
20		1	49	23.18	23.26	23.45	23.31	23.33	25.00
20		1	99	23.14	23.23	23.37	23.25	23.23	25.00
20		50	0	22.35	22.49	22.59	22.45	22.48	24.00
20		50	24	22.37	22.40	22.53	22.31	22.42	24.00
20		50	50	22.33	22.41	22.53	22.39	22.42	24.00
20		100	0	22.23	22.38	22.48	22.33	22.32	24.00
20	256QAM	1	0	20.31	20.37	20.49	20.28	20.36	22.00
20		1	49	20.35	20.35	20.50	20.41	20.44	22.00
20		1	99	20.16	20.23	20.42	20.25	20.30	22.00
20		50	0	20.35	20.49	20.63	20.49	20.49	22.00
20		50	24	20.42	20.41	20.61	20.50	20.57	22.00
20		50	50	20.40	20.45	20.57	20.35	20.49	22.00
20		100	0	20.30	20.39	20.51	20.32	20.36	22.00
Channel				39725	40173	40620	41068	41515	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.13	24.27	24.26	24.21	24.26	25.60
15		1	37	24.14	24.15	24.28	24.00	24.25	25.60
15		1	74	24.18	24.04	24.35	24.11	24.20	25.60
15		36	0	24.15	24.07	24.31	24.03	24.19	25.60
15		36	20	24.15	24.13	24.27	24.03	24.12	25.60
15		36	39	24.20	24.25	24.30	24.03	24.18	25.60
15		75	0	24.14	24.06	24.29	24.06	24.28	25.60
15	16QAM	1	0	24.07	24.14	24.16	24.02	24.14	25.60
15		1	37	24.20	24.20	24.15	24.27	24.33	25.60
15		1	74	24.01	24.17	24.16	24.20	24.28	25.60
15		36	0	23.06	23.13	23.03	23.03	23.00	25.00
15		36	20	23.03	23.09	23.03	23.07	23.12	25.00
15		36	39	23.09	23.13	23.11	23.14	23.06	25.00
15		75	0	23.11	23.09	23.01	23.10	23.07	25.00
15	64QAM	1	0	23.10	23.01	23.03	23.07	23.09	25.00
15		1	37	23.15	23.12	23.13	23.08	23.10	25.00
15		1	74	23.10	23.05	23.07	23.13	23.07	25.00
15		36	0	22.02	22.14	22.00	22.10	22.08	24.00
15		36	20	22.08	22.11	22.10	22.08	22.12	24.00
15		36	39	22.04	22.13	22.12	22.09	22.14	24.00
15		75	0	22.06	22.03	22.02	22.04	22.10	24.00
15	256QAM	1	0	20.10	20.10	20.06	20.08	20.05	22.00
15		1	37	20.12	20.11	20.08	20.04	20.05	22.00
15		1	74	20.06	20.09	20.05	20.14	20.13	22.00
15		36	0	20.06	20.11	20.04	20.11	20.04	22.00
15		36	20	20.09	20.03	20.10	20.11	20.09	22.00
15		36	39	20.04	20.13	20.14	20.12	20.03	22.00
15		75	0	20.05	20.06	20.09	20.03	20.06	22.00
Channel				39700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.10	24.18	24.36	24.25	24.37	25.60
10		1	25	24.09	24.10	24.25	24.09	24.16	25.60
10		1	49	24.20	24.13	24.31	24.14	24.21	25.60
10		25	0	24.14	24.18	24.34	24.03	24.14	25.60
10		25	12	24.19	24.03	24.20	24.07	24.17	25.60
10		25	25	24.12	24.16	24.33	24.08	24.10	25.60
10		50	0	24.09	24.13	24.19	24.05	24.35	25.60
10	16QAM	1	0	24.02	24.17	24.21	23.96	24.20	25.60
10		1	25	24.21	24.16	24.16	24.29	24.30	25.60
10		1	49	23.91	24.11	24.15	24.12	24.17	25.60
10		25	0	23.12	23.08	23.05	23.03	23.03	25.00
10		25	12	23.04	23.03	23.06	23.13	23.04	25.00
10		25	25	23.06	23.14	23.07	23.02	23.15	25.00
10		50	0	23.03	23.12	23.04	23.03	23.14	25.00
10	64QAM	1	0	23.07	23.02	23.10	23.12	23.07	25.00
10		1	25	23.12	23.04	23.08	23.12	23.01	25.00
10		1	49	23.06	23.00	23.01	23.02	23.02	25.00
10		25	0	22.13	22.15	22.04	22.06	22.08	24.00
10		25	12	22.01	22.04	22.07	22.10	22.08	24.00
10		25	25	22.08	22.09	22.10	22.02	22.09	24.00
10		50	0	22.09	22.13	22.07	22.10	22.04	24.00
10	256QAM	1	0	20.11	20.07	20.04	20.15	20.11	22.00
10		1	25	20.02	20.01	20.07	20.06	20.13	22.00
10		1	49	20.10	20.07	20.14	20.04	20.14	22.00
10		25	0	20.05	20.05	20.02	20.12	20.14	22.00
10		25	12	20.05	20.02	20.08	20.10	20.08	22.00
10		25	25	20.14	20.09	20.15	20.10	20.09	22.00
10		50	0	20.05	20.01	20.13	20.08	20.02	22.00
Channel				39675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	24.11	24.15	24.31	24.23	24.28	25.60
5		1	12	24.19	24.21	24.26	24.06	24.16	25.60
5		1	24	24.24	24.08	24.37	24.16	24.31	25.60
5		12	0	24.15	24.14	24.24	24.10	24.17	25.60
5		12	7	24.22	24.05	24.18	24.06	24.13	25.60
5		12	13	24.10	24.25	24.26	24.03	24.21	25.60
5		25	0	24.12	24.01	24.25	24.12	24.31	25.60
5	16QAM	1	0	24.06	24.08	24.18	24.01	24.16	25.60
5		1	12	24.19	24.24	24.07	24.22	24.31	25.60
5		1	24	23.94	24.22	24.12	24.08	24.21	25.60
5		12	0	23.05	23.02	23.12	23.08	23.08	25.00
5		12	7	23.10	23.04	23.01	23.10	23.14	25.00
5		12	13	23.01	23.13	23.14	23.00	23.11	25.00
5		25	0	23.11	23.00	23.06	23.12	23.12	25.00
5	64QAM	1	0	23.04	23.00	23.05	23.12	23.12	25.00
5		1	12	23.01	23.13	23.05	23.03	23.01	25.00
5		1	24	23.04	23.14	23.04	23.04	23.02	25.00
5		12	0	22.11	22.13	22.10	22.05	22.04	24.00
5		12	7	22.09	22.09	22.11	22.14	22.02	24.00
5		12	13	22.04	22.07	22.15	22.00	22.02	24.00
5		25	0	22.06	22.13	22.09	22.04	22.15	24.00
5	256QAM	1	0	20.10	20.05	20.13	20.07	20.07	22.00
5		1	12	20.12	20.11	20.10	20.14	20.07	22.00
5		1	24	20.05	20.06	20.02	20.11	20.10	22.00
5		12	0	20.08	20.05	20.11	20.13	20.09	22.00
5		12	7	20.11	20.14	20.11	20.06	20.02	22.00
5		12	13	20.03	20.03	20.03	20.06	20.06	22.00
5		25	0	20.01	20.07	20.10	20.07	20.03	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.03	16.07	15.96	17.50
20		1	49	15.69	15.79	15.74	17.50
20		1	99	15.69	15.87	15.60	17.50
20		50	0	15.93	16.02	15.91	17.50
20		50	24	15.55	15.86	15.74	17.50
20		50	50	15.63	15.77	15.71	17.50
20		100	0	15.80	15.95	15.70	17.50
20	16QAM	1	0	15.61	15.85	15.67	17.50
20		1	49	15.69	15.85	15.72	17.50
20		1	99	15.73	15.73	15.79	17.50
20		50	0	15.66	15.73	15.72	17.50
20		50	24	15.73	15.88	15.72	17.50
20		50	50	15.70	16.02	15.83	17.50
20		100	0	15.85	15.89	15.66	17.50
20	64QAM	1	0	15.74	15.89	15.67	17.50
20		1	49	15.70	15.88	15.74	17.50
20		1	99	15.91	15.85	15.64	17.50
20		50	0	15.69	15.87	15.84	17.50
20		50	24	15.84	15.85	15.76	17.50
20		50	50	15.52	15.83	15.55	17.50
20		100	0	15.76	15.98	15.72	17.50
20	256QAM	1	0	15.82	15.88	15.71	17.50
20		1	49	15.74	15.66	15.59	17.50
20		1	99	15.76	15.94	15.65	17.50
20		50	0	15.65	15.97	15.60	17.50
20		50	24	15.76	15.77	15.67	17.50
20		50	50	15.57	15.87	15.51	17.50
20		100	0	15.67	15.95	15.78	17.50
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	15.94	15.96	15.94	17.50
15		1	37	15.55	15.72	15.63	17.50
15		1	74	15.70	15.73	15.62	17.50
15		36	0	15.82	15.93	15.78	17.50
15		36	20	15.69	15.75	15.67	17.50
15		36	39	15.50	15.64	15.58	17.50
15		75	0	15.68	15.85	15.66	17.50
15	16QAM	1	0	15.61	15.74	15.54	17.50
15		1	37	15.59	15.80	15.64	17.50
15		1	74	15.63	15.66	15.66	17.50
15		36	0	15.53	15.62	15.62	17.50
15		36	20	15.67	15.76	15.66	17.50
15		36	39	15.56	15.90	15.68	17.50
15		75	0	15.77	15.82	15.57	17.50
15	64QAM	1	0	15.61	15.77	15.61	17.50
15		1	37	15.63	15.80	15.66	17.50
15		1	74	15.80	15.82	15.57	17.50
15		36	0	15.66	15.78	15.75	17.50
15		36	20	15.76	15.80	15.68	17.50
15		36	39	15.61	15.81	15.50	17.50
15		75	0	15.75	15.96	15.57	17.50
15	256QAM	1	0	15.76	15.81	15.68	17.50
15		1	37	15.70	15.54	15.53	17.50
15		1	74	15.73	15.92	15.52	17.50
15		36	0	15.63	15.89	15.56	17.50
15		36	20	15.66	15.68	15.56	17.50
15		36	39	15.52	15.82	15.60	17.50
15		75	0	15.53	15.85	15.81	17.50
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	15.90	15.98	15.88	17.50
10		1	25	15.56	15.69	15.69	17.50
10		1	49	15.59	15.76	15.54	17.50
10		25	0	15.79	15.99	15.80	17.50
10		25	12	15.59	15.80	15.69	17.50
10		25	25	15.55	15.65	15.66	17.50
10		50	0	15.66	15.85	15.65	17.50
10	16QAM	1	0	15.50	15.80	15.53	17.50
10		1	25	15.56	15.71	15.58	17.50
10		1	49	15.61	15.71	15.68	17.50
10		25	0	15.57	15.59	15.70	17.50
10		25	12	15.66	15.86	15.58	17.50
10		25	25	15.58	15.90	15.74	17.50
10		50	0	15.80	15.86	15.65	17.50
10	64QAM	1	0	15.62	15.83	15.53	17.50
10		1	25	15.60	15.81	15.70	17.50
10		1	49	15.82	15.77	15.57	17.50
10		25	0	15.68	15.78	15.76	17.50
10		25	12	15.69	15.78	15.71	17.50
10		25	25	15.59	15.77	15.66	17.50
10		50	0	15.74	15.89	15.67	17.50
10	256QAM	1	0	15.77	15.86	15.73	17.50
10		1	25	15.59	15.57	15.51	17.50
10		1	49	15.77	15.83	15.68	17.50
10		25	0	15.76	15.89	15.69	17.50
10		25	12	15.63	15.64	15.63	17.50
10		25	25	15.72	15.75	15.66	17.50
10		50	0	15.54	15.85	15.76	17.50
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	15.96	15.96	15.92	17.50
5		1	12	15.62	15.76	15.60	17.50
5		1	24	15.65	15.72	15.52	17.50
5		12	0	15.91	15.92	15.88	17.50
5		12	7	15.69	15.73	15.62	17.50
5		12	13	15.56	15.66	15.68	17.50
5		25	0	15.77	15.90	15.62	17.50
5	16QAM	1	0	15.52	15.72	15.55	17.50
5		1	12	15.67	15.82	15.59	17.50
5		1	24	15.61	15.65	15.78	17.50
5		12	0	15.63	15.66	15.61	17.50
5		12	7	15.63	15.78	15.57	17.50
5		12	13	15.64	15.99	15.72	17.50
5		25	0	15.74	15.88	15.59	17.50
5	64QAM	1	0	15.65	15.80	15.64	17.50
5		1	12	15.64	15.77	15.61	17.50
5		1	24	15.81	15.81	15.54	17.50
5		12	0	15.66	15.82	15.80	17.50
5		12	7	15.72	15.73	15.64	17.50
5		12	13	15.62	15.73	15.71	17.50
5		25	0	15.71	15.94	15.67	17.50
5	256QAM	1	0	15.69	15.81	15.67	17.50
5		1	12	15.53	15.55	15.59	17.50
5		1	24	15.74	15.89	15.70	17.50
5		12	0	15.71	15.94	15.69	17.50
5		12	7	15.66	15.63	15.65	17.50
5		12	13	15.65	15.83	15.60	17.50
5		25	0	15.53	15.83	15.66	17.50
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	15.88	16.04	15.90	17.50
3		1	8	15.56	15.76	15.67	17.50
3		1	14	15.59	15.81	15.57	17.50
3		8	0	15.80	15.87	15.85	17.50
3		8	4	15.59	15.79	15.65	17.50
3		8	7	15.67	15.66	15.66	17.50
3		15	0	15.82	15.92	15.60	17.50
3	16QAM	1	0	15.69	15.72	15.53	17.50
3		1	8	15.60	15.74	15.62	17.50
3		1	14	15.72	15.65	15.75	17.50
3		8	0	15.57	15.70	15.60	17.50
3		8	4	15.70	15.94	15.61	17.50
3		8	7	15.64	15.98	15.79	17.50
3		15	0	15.80	15.87	15.57	17.50
3	64QAM	1	0	15.62	15.77	15.62	17.50
3		1	8	15.68	15.85	15.61	17.50
3		1	14	15.61	15.77	15.50	17.50
3		8	0	15.62	15.78	15.75	17.50
3		8	4	15.82	15.73	15.73	17.50
3		8	7	15.69	15.76	15.72	17.50
3		15	0	15.80	15.86	15.70	17.50
3	256QAM	1	0	15.76	15.86	15.65	17.50
3		1	8	15.55	15.60	15.59	17.50
3		1	14	15.82	15.80	15.63	17.50
3		8	0	15.75	15.91	15.75	17.50
3		8	4	15.71	15.65	15.66	17.50
3		8	7	15.72	15.72	15.63	17.50
3		15	0	15.60	15.90	15.69	17.50
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.01	16.05	15.86	17.50
1.4		1	3	15.58	15.72	15.68	17.50
1.4		1	5	15.65	15.75	15.69	17.50
1.4		3	0	15.81	15.94	15.89	17.50
1.4		3	1	15.66	15.77	15.76	17.50
1.4		3	3	15.62	15.64	15.64	17.50
1.4		6	0	15.80	15.88	15.72	17.50
1.4	16QAM	1	0	15.66	15.78	15.73	17.50
1.4		1	3	15.65	15.71	15.71	17.50
1.4		1	5	15.60	15.66	15.70	17.50
1.4		3	0	15.61	15.62	15.71	17.50
1.4		3	1	15.73	15.76	15.65	17.50
1.4		3	3	15.60	15.99	15.77	17.50
1.4		6	0	15.79	15.82	15.60	17.50
1.4	64QAM	1	0	15.62	15.75	15.61	17.50
1.4		1	3	15.62	15.85	15.66	17.50
1.4		1	5	15.77	15.77	15.60	17.50
1.4		3	0	15.60	15.86	15.71	17.50
1.4		3	1	15.82	15.77	15.74	17.50
1.4		3	3	15.66	15.79	15.67	17.50
1.4		6	0	15.74	15.94	15.67	17.50
1.4	256QAM	1	0	15.81	15.78	15.68	17.50
1.4		1	3	15.52	15.61	15.62	17.50
1.4		1	5	15.78	15.90	15.72	17.50
1.4		3	0	15.73	15.88	15.68	17.50
1.4		3	1	15.67	15.75	15.57	17.50
1.4		3	3	15.74	15.81	15.73	17.50
1.4		6	0	15.74	15.91	15.82	17.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.91	15.95	15.89	16.50
20		1	49	15.53	15.65	15.56	16.50
20		1	99	15.53	15.77	15.69	16.50
20		50	0	15.87	15.91	15.86	16.50
20		50	24	15.58	15.70	15.51	16.50
20		50	50	15.63	15.73	15.63	16.50
20		100	0	15.72	15.89	15.72	16.50
20	16QAM	1	0	15.60	15.62	15.46	16.50
20		1	49	15.69	15.65	15.49	16.50
20		1	99	15.59	15.73	15.49	16.50
20		50	0	15.62	15.67	15.57	16.50
20		50	24	15.56	15.67	15.47	16.50
20		50	50	15.59	15.72	15.46	16.50
20		100	0	15.47	15.58	15.54	16.50
20	64QAM	1	0	15.75	15.78	15.76	16.50
20		1	49	15.49	15.61	15.45	16.50
20		1	99	15.67	15.86	15.66	16.50
20		50	0	15.59	15.74	15.62	16.50
20		50	24	15.63	15.77	15.55	16.50
20		50	50	15.62	15.59	15.53	16.50
20	256QAM	1	0	15.67	15.78	15.68	16.50
20		1	49	15.75	15.89	15.66	16.50
20		1	99	15.70	15.79	15.56	16.50
20		50	0	15.64	15.58	15.52	16.50
20		50	24	15.66	15.68	15.49	16.50
20		50	50	15.56	15.53	15.44	16.50
20		100	0	15.59	15.64	15.51	16.50
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	15.89	15.91	15.80	16.50
15		1	37	15.41	15.58	15.42	16.50
15		1	74	15.38	15.68	15.58	16.50
15		36	0	15.84	15.86	15.79	16.50
15		36	20	15.43	15.66	15.37	16.50
15		36	39	15.51	15.67	15.48	16.50
15		75	0	15.63	15.86	15.64	16.50
15	16QAM	1	0	15.54	15.55	15.39	16.50
15		1	37	15.57	15.62	15.39	16.50
15		1	74	15.53	15.72	15.37	16.50
15		36	0	15.50	15.55	15.49	16.50
15		36	20	15.50	15.58	15.43	16.50
15		36	39	15.53	15.60	15.34	16.50
15		75	0	15.38	15.45	15.46	16.50
15	64QAM	1	0	15.73	15.68	15.61	16.50
15		1	37	15.34	15.48	15.32	16.50
15		1	74	15.59	15.72	15.61	16.50
15		36	0	15.46	15.68	15.52	16.50
15		36	20	15.59	15.71	15.45	16.50
15		36	39	15.58	15.56	15.46	16.50
15		75	0	15.52	15.64	15.65	16.50
15	256QAM	1	0	15.71	15.83	15.65	16.50
15		1	37	15.39	15.58	15.48	16.50
15		1	74	15.59	15.74	15.45	16.50
15		36	0	15.57	15.48	15.37	16.50
15		36	20	15.52	15.64	15.42	16.50
15		36	39	15.48	15.46	15.40	16.50
15		75	0	15.56	15.61	15.41	16.50
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	15.82	15.92	15.88	16.50
10		1	25	15.42	15.53	15.52	16.50
10		1	49	15.50	15.75	15.57	16.50
10		25	0	15.74	15.80	15.76	16.50
10		25	12	15.57	15.66	15.49	16.50
10		25	25	15.53	15.71	15.45	16.50
10		50	0	15.59	15.86	15.69	16.50
10	16QAM	1	0	15.57	15.60	15.32	16.50
10		1	25	15.64	15.61	15.37	16.50
10		1	49	15.48	15.66	15.38	16.50
10		25	0	15.51	15.65	15.44	16.50
10		25	12	15.52	15.62	15.37	16.50
10		25	25	15.46	15.66	15.42	16.50
10		50	0	15.35	15.55	15.61	16.50
10	64QAM	1	0	15.69	15.70	15.67	16.50
10		1	25	15.36	15.54	15.43	16.50
10		1	49	15.60	15.81	15.52	16.50
10		25	0	15.56	15.65	15.60	16.50
10		25	12	15.52	15.68	15.46	16.50
10		25	25	15.60	15.49	15.45	16.50
10		50	0	15.59	15.71	15.61	16.50
10	256QAM	1	0	15.71	15.85	15.59	16.50
10		1	25	15.45	15.58	15.52	16.50
10		1	49	15.69	15.70	15.43	16.50
10		25	0	15.62	15.45	15.46	16.50
10		25	12	15.59	15.54	15.45	16.50
10		25	25	15.42	15.46	15.39	16.50
10		50	0	15.53	15.57	15.38	16.50
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	15.89	15.83	15.74	16.50
5		1	12	15.39	15.53	15.46	16.50
5		1	24	15.47	15.72	15.64	16.50
5		12	0	15.77	15.79	15.77	16.50
5		12	7	15.46	15.62	15.49	16.50
5		12	13	15.49	15.68	15.39	16.50
5		25	0	15.58	15.82	15.57	16.50
5	16QAM	1	0	15.50	15.59	15.37	16.50
5		1	12	15.56	15.51	15.44	16.50
5		1	24	15.45	15.68	15.39	16.50
5		12	0	15.57	15.54	15.42	16.50
5		12	7	15.52	15.64	15.36	16.50
5		12	13	15.56	15.69	15.36	16.50
5		25	0	15.37	15.43	15.53	16.50
5	64QAM	1	0	15.62	15.75	15.72	16.50
5		1	12	15.38	15.59	15.34	16.50
5		1	24	15.53	15.82	15.62	16.50
5		12	0	15.48	15.70	15.54	16.50
5		12	7	15.61	15.66	15.42	16.50
5		12	13	15.52	15.52	15.39	16.50
5		25	0	15.57	15.64	15.53	16.50
5	256QAM	1	0	15.67	15.81	15.59	16.50
5		1	12	15.43	15.58	15.44	16.50
5		1	24	15.67	15.79	15.55	16.50
5		12	0	15.62	15.47	15.48	16.50
5		12	7	15.62	15.64	15.48	16.50
5		12	13	15.53	15.39	15.35	16.50
5		25	0	15.47	15.49	15.47	16.50
Channel				19950	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	15.90	15.90	15.75	16.50
3		1	8	15.45	15.57	15.50	16.50
3		1	14	15.47	15.64	15.64	16.50
3		8	0	15.80	15.83	15.77	16.50
3		8	4	15.56	15.65	15.49	16.50
3		8	7	15.50	15.66	15.39	16.50
3		15	0	15.71	15.85	15.63	16.50
3	16QAM	1	0	15.59	15.51	15.37	16.50
3		1	8	15.56	15.61	15.40	16.50
3		1	14	15.44	15.67	15.47	16.50
3		8	0	15.56	15.65	15.46	16.50
3		8	4	15.53	15.58	15.43	16.50
3		8	7	15.44	15.58	15.34	16.50
3		15	0	15.36	15.54	15.52	16.50
3	64QAM	1	0	15.74	15.72	15.65	16.50
3		1	8	15.38	15.50	15.38	16.50
3		1	14	15.59	15.81	15.65	16.50
3		8	0	15.51	15.65	15.57	16.50
3		8	4	15.55	15.67	15.49	16.50
3		8	7	15.56	15.53	15.43	16.50
3		15	0	15.55	15.64	15.63	16.50
3	256QAM	1	0	15.66	15.83	15.58	16.50
3		1	8	15.44	15.52	15.50	16.50
3		1	14	15.59	15.64	15.48	16.50
3		8	0	15.52	15.43	15.48	16.50
3		8	4	15.59	15.54	15.47	16.50
3		8	7	15.46	15.44	15.40	16.50
3		15	0	15.57	15.61	15.38	16.50
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	15.83	15.91	15.76	16.50
1.4		1	3	15.40	15.62	15.46	16.50
1.4		1	5	15.45	15.69	15.62	16.50
1.4		3	0	15.77	15.85	15.77	16.50
1.4		3	1	15.55	15.61	15.46	16.50
1.4		3	3	15.49	15.70	15.49	16.50
1.4		6	0	15.59	15.77	15.71	16.50
1.4	16QAM	1	0	15.53	15.48	15.39	16.50
1.4		1	3	15.61	15.59	15.42	16.50
1.4		1	5	15.55	15.58	15.42	16.50
1.4		3	0	15.60	15.62	15.50	16.50
1.4		3	1	15.51	15.58	15.35	16.50
1.4		3	3	15.47	15.64	15.33	16.50
1.4		6	0	15.33	15.48	15.49	16.50
1.4	64QAM	1	0	15.66	15.64	15.70	16.50
1.4		1	3	15.41	15.59	15.31	16.50
1.4		1	5	15.56	15.82	15.62	16.50
1.4		3	0	15.52	15.67	15.54	16.50
1.4		3	1	15.50	15.74	15.48	16.50
1.4		3	3	15.52	15.48	15.51	16.50
1.4		6	0	15.59	15.76	15.63	16.50
1.4	256QAM	1	0	15.66	15.79	15.61	16.50
1.4		1	3	15.38	15.58	15.52	16.50
1.4		1	5	15.66	15.74	15.45	16.50
1.4		3	0	15.53	15.46	15.49	16.50
1.4		3	1	15.61	15.66	15.41	16.50
1.4		3	3	15.55	15.46	15.38	16.50
1.4		6	0	15.54	15.59	15.47	16.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	19.87	19.91	19.89	20.60
10		1	25	19.49	19.62	19.58	20.60
10		1	49	19.46	19.59	19.47	20.60
10		25	0	19.85	19.90	19.86	20.60
10		25	12	19.66	19.68	19.58	20.60
10		25	25	19.61	19.72	19.57	20.60
10		50	0	19.77	19.87	19.68	20.60
10	16QAM	1	0	19.57	19.70	19.73	20.60
10		1	25	19.47	19.59	19.57	20.60
10		1	49	19.56	19.76	19.61	20.60
10		25	0	19.39	19.65	19.61	20.60
10		25	12	19.62	19.61	19.50	20.60
10		25	25	19.50	19.57	19.37	20.60
10		50	0	19.66	19.85	19.72	20.60
10	64QAM	1	0	19.73	19.74	19.52	20.60
10		1	25	19.40	19.68	19.50	20.60
10		1	49	19.58	19.74	19.52	20.60
10		25	0	19.57	19.61	19.51	20.60
10		25	12	19.51	19.65	19.58	20.60
10		25	25	19.67	19.70	19.62	20.60
10		50	0	19.54	19.82	19.56	20.60
10	256QAM	1	0	17.51	17.66	17.58	19.00
10		1	25	17.57	17.65	17.58	19.00
10		1	49	17.42	17.56	17.41	19.00
10		25	0	17.33	17.52	17.37	19.00
10		25	12	17.39	17.51	17.45	19.00
10		25	25	17.36	17.57	17.45	19.00
10		50	0	17.40	17.58	17.40	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	19.73	19.88	19.82	20.60
5		1	12	19.37	19.55	19.47	20.60
5		1	24	19.35	19.57	19.34	20.60
5		12	0	19.79	19.83	19.85	20.60
5		12	7	19.55	19.55	19.45	20.60
5		12	13	19.59	19.63	19.52	20.60
5		25	0	19.70	19.79	19.54	20.60
5	16QAM	1	0	19.47	19.66	19.65	20.60
5		1	12	19.36	19.51	19.45	20.60
5		1	24	19.41	19.65	19.46	20.60
5		12	0	19.30	19.62	19.52	20.60
5		12	7	19.52	19.48	19.43	20.60
5		12	13	19.44	19.44	19.33	20.60
5		25	0	19.64	19.83	19.71	20.60
5	64QAM	1	0	19.65	19.65	19.39	20.60
5		1	12	19.37	19.58	19.36	20.60
5		1	24	19.57	19.71	19.50	20.60
5		12	0	19.44	19.56	19.36	20.60
5		12	7	19.45	19.59	19.50	20.60
5		12	13	19.55	19.58	19.57	20.60
5		25	0	19.47	19.79	19.44	20.60
5	256QAM	1	0	17.14	17.08	17.04	19.00
5		1	12	17.02	17.09	17.11	19.00
5		1	24	17.06	17.15	17.08	19.00
5		12	0	17.01	17.03	17.14	19.00
5		12	7	17.02	17.04	17.04	19.00
5		12	13	17.15	17.11	17.14	19.00
5		25	0	17.07	17.08	17.12	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	19.73	19.89	19.88	20.60
3		1	8	19.43	19.52	19.54	20.60
3		1	14	19.34	19.45	19.33	20.60
3		8	0	19.71	19.88	19.79	20.60
3		8	4	19.58	19.54	19.47	20.60
3		8	7	19.48	19.68	19.44	20.60
3		15	0	19.75	19.80	19.62	20.60
3	16QAM	1	0	19.47	19.64	19.60	20.60
3		1	8	19.38	19.49	19.42	20.60
3		1	14	19.47	19.66	19.47	20.60
3		8	0	19.26	19.60	19.53	20.60
3		8	4	19.51	19.48	19.35	20.60
3		8	7	19.45	19.43	19.28	20.60
3		15	0	19.55	19.79	19.67	20.60
3	64QAM	1	0	19.67	19.66	19.48	20.60
3		1	8	19.30	19.64	19.38	20.60
3		1	14	19.52	19.65	19.44	20.60
3		8	0	19.55	19.68	19.37	20.60
3		8	4	19.46	19.61	19.52	20.60
3		8	7	19.62	19.58	19.55	20.60
3		15	0	19.48	19.70	19.49	20.60
3	256QAM	1	0	17.12	17.05	17.03	19.00
3		1	8	17.08	17.01	17.13	19.00
3		1	14	17.06	17.05	17.14	19.00
3		8	0	17.05	17.09	17.08	19.00
3		8	4	17.14	17.06	17.14	19.00
3		8	7	17.01	17.10	17.08	19.00
3		15	0	17.07	17.06	17.06	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	19.77	19.83	19.84	20.60
1.4		1	3	19.48	19.53	19.56	20.60
1.4		1	5	19.34	19.45	19.42	20.60
1.4		3	0	19.78	19.79	19.80	20.60
1.4		3	1	19.58	19.57	19.49	20.60
1.4		3	3	19.50	19.59	19.50	20.60
1.4		6	0	19.70	19.81	19.58	20.60
1.4	16QAM	1	0	19.51	19.67	19.65	20.60
1.4		1	3	19.44	19.48	19.56	20.60
1.4		1	5	19.48	19.73	19.47	20.60
1.4		3	0	19.38	19.64	19.57	20.60
1.4		3	1	19.52	19.55	19.47	20.60
1.4		3	3	19.41	19.43	19.25	20.60
1.4		6	0	19.59	19.77	19.59	20.60
1.4	64QAM	1	0	19.71	19.69	19.39	20.60
1.4		1	3	19.32	19.59	19.41	20.60
1.4		1	5	19.52	19.61	19.42	20.60
1.4		3	0	19.53	19.54	19.42	20.60
1.4		3	1	19.41	19.63	19.52	20.60
1.4		3	3	19.66	19.58	19.49	20.60
1.4		6	0	19.41	19.78	19.48	20.60
1.4	256QAM	1	0	17.04	17.14	17.02	19.00
1.4		1	3	17.13	17.14	17.11	19.00
1.4		1	5	17.05	17.07	17.01	19.00
1.4		3	0	17.00	17.04	17.02	19.00
1.4		3	1	17.07	17.08	17.14	19.00
1.4		3	3	17.11	17.10	17.09	19.00
1.4		6	0	17.09	17.08	17.07	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	21.49	21.52	21.43	21.90
10		1	25	21.21	21.38	21.27	21.90
10		1	49	21.21	21.35	21.15	21.90
10		25	0	21.44	21.48	21.40	21.90
10		25	12	21.31	21.37	21.13	21.90
10		25	25	21.30	21.43	21.25	21.90
10		50	0	21.41	21.46	21.33	21.90
10	16QAM	1	0	21.24	21.41	21.19	21.90
10		1	25	21.22	21.26	21.09	21.90
10		1	49	21.10	21.26	21.14	21.90
10		25	0	20.18	20.32	20.17	21.90
10		25	12	20.24	20.41	20.25	21.90
10		25	25	20.35	20.49	20.27	21.90
10		50	0	20.35	20.48	20.27	21.90
10	64QAM	1	0	20.25	20.40	20.18	21.90
10		1	25	20.36	20.41	20.25	21.90
10		1	49	20.29	20.43	20.31	21.90
10		25	0	19.40	19.47	19.34	21.00
10		25	12	19.40	19.48	19.25	21.00
10		25	25	19.19	19.26	19.16	21.00
10		50	0	19.28	19.35	19.22	21.00
10	256QAM	1	0	17.23	17.34	17.11	19.00
10		1	25	17.23	17.35	17.11	19.00
10		1	49	17.14	17.30	17.10	19.00
10		25	0	17.37	17.43	17.19	19.00
10		25	12	17.26	17.37	17.27	19.00
10		25	25	17.22	17.32	17.18	19.00
10		50	0	17.26	17.40	17.26	19.00
Channel				23035	23095	23155	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	21.38	21.51	21.40	21.90
5		1	12	21.11	21.27	21.24	21.90
5		1	24	21.15	21.31	21.21	21.90
5		12	0	21.32	21.42	21.32	21.90
5		12	7	21.20	21.32	21.13	21.90
5		12	13	21.28	21.38	21.21	21.90
5		25	0	21.38	21.36	21.22	21.90
5	16QAM	1	0	21.14	21.36	21.16	21.90
5		1	12	21.18	21.13	21.16	21.90
5		1	24	21.07	21.14	21.12	21.90
5		12	0	20.12	20.03	20.14	21.90
5		12	7	20.10	20.08	20.11	21.90
5		12	13	20.01	20.03	20.15	21.90
5		25	0	20.05	20.02	20.13	21.90
5	64QAM	1	0	20.04	20.03	20.01	21.90
5		1	12	20.03	20.01	20.10	21.90
5		1	24	20.14	20.08	20.07	21.90
5		12	0	19.08	19.12	19.12	21.00
5		12	7	19.00	19.06	19.12	21.00
5		12	13	19.10	19.00	19.02	21.00
5		25	0	19.12	19.08	19.07	21.00
5	256QAM	1	0	17.04	17.12	17.03	19.00
5		1	12	17.12	17.03	17.11	19.00
5		1	24	17.08	17.07	17.03	19.00
5		12	0	17.03	17.08	17.01	19.00
5		12	7	17.04	17.11	17.03	19.00
5		12	13	17.12	17.07	17.15	19.00
5		25	0	17.08	17.10	17.06	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	21.39	21.39	21.37	21.90
3		1	8	21.14	21.31	21.15	21.90
3		1	14	21.12	21.25	21.13	21.90
3		8	0	21.34	21.42	21.27	21.90
3		8	4	21.25	21.22	21.21	21.90
3		8	7	21.16	21.32	21.12	21.90
3		15	0	21.33	21.44	21.26	21.90
3	16QAM	1	0	21.28	21.35	21.12	21.90
3		1	8	21.19	21.20	21.11	21.90
3		1	14	21.15	21.12	21.19	21.90
3		8	0	20.10	20.09	20.13	21.90
3		8	4	20.05	20.09	20.05	21.90
3		8	7	20.13	20.14	20.15	21.90
3		15	0	20.08	20.02	20.04	21.90
3	64QAM	1	0	20.09	20.05	20.04	21.90
3		1	8	20.02	20.07	20.04	21.90
3		1	14	20.14	20.07	20.11	21.90
3		8	0	19.00	19.06	19.11	21.00
3		8	4	19.14	19.08	19.10	21.00
3		8	7	19.14	19.05	19.02	21.00
3		15	0	19.14	19.09	19.09	21.00
3	256QAM	1	0	17.02	17.08	17.11	19.00
3		1	8	17.15	17.02	17.08	19.00
3		1	14	17.12	17.14	17.12	19.00
3		8	0	17.10	17.10	17.09	19.00
3		8	4	17.09	17.02	17.03	19.00
3		8	7	17.12	17.09	17.06	19.00
3		15	0	17.11	17.02	17.12	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	21.38	21.43	21.38	21.90
1.4		1	3	21.21	21.29	21.26	21.90
1.4		1	5	21.18	21.20	21.11	21.90
1.4		3	0	21.40	21.43	21.30	21.90
1.4		3	1	21.20	21.30	21.22	21.90
1.4		3	3	21.17	21.39	21.15	21.90
1.4		6	0	21.40	21.42	21.22	21.90
1.4	16QAM	1	0	21.21	21.27	21.20	21.90
1.4		1	3	21.15	21.11	21.08	21.90
1.4		1	5	21.11	21.20	21.15	21.90
1.4		3	0	21.15	21.08	21.06	21.90
1.4		3	1	21.13	21.01	21.03	21.90
1.4		3	3	21.12	21.06	21.11	21.90
1.4		6	0	20.10	20.06	20.07	21.90
1.4	64QAM	1	0	20.05	20.08	20.01	21.90
1.4		1	3	20.08	20.06	20.14	21.90
1.4		1	5	20.13	20.12	20.09	21.90
1.4		3	0	20.09	20.08	20.12	21.90
1.4		3	1	20.02	20.08	20.09	21.90
1.4		3	3	20.00	20.05	20.05	21.90
1.4		6	0	19.02	19.14	19.04	21.00
1.4	256QAM	1	0	17.05	17.09	17.04	19.00
1.4		1	3	17.08	17.10	17.09	19.00
1.4		1	5	17.03	17.13	17.11	19.00
1.4		3	0	17.11	17.09	17.02	19.00
1.4		3	1	17.03	17.04	17.12	19.00
1.4		3	3	17.10	17.15	17.13	19.00
1.4		6	0	17.11	17.07	17.00	19.00

<LTE Band 13_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		21.11		22.50
10		1	25		21.03		22.50
10		1	49		20.85		22.50
10		25	0		21.08		22.50
10		25	12		20.95		22.50
10		25	25		21.06		22.50
10		50	0		21.05		22.50
10	16QAM	1	0		20.89		22.50
10		1	25		20.89		22.50
10		1	49		20.98		22.50
10		25	0		20.38		22.00
10		25	12		20.48		22.00
10		25	25		20.52		22.00
10		50	0		20.54		22.00
10	64QAM	1	0		20.41		22.00
10		1	25		20.48		22.00
10		1	49		20.51		22.00
10		25	0		19.52		21.00
10		25	12		19.46		21.00
10		25	25		19.55		21.00
10		50	0		19.48		21.00
10	256QAM	1	0		17.48		19.00
10		1	25		17.49		19.00
10		1	49		17.49		19.00
10		25	0		17.51		19.00
10		25	12		17.54		19.00
10		25	25		17.56		19.00
10		50	0		17.36		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	21.01	21.06	21.03	22.50
5		1	12	20.80	20.88	20.77	22.50
5		1	24	20.88	21.03	20.86	22.50
5		12	0	20.67	20.86	20.73	22.50
5		12	7	20.84	21.02	20.97	22.50
5		12	13	20.91	21.00	20.96	22.50
5		25	0	20.78	20.88	20.76	22.50
5	16QAM	1	0	20.91	21.03	20.87	22.50
5		1	12	20.78	20.96	20.86	22.50
5		1	24	20.84	21.00	20.93	22.50
5		12	0	20.44	20.52	20.35	22.00
5		12	7	20.30	20.43	20.26	22.00
5		12	13	20.26	20.45	20.31	22.00
5		25	0	20.27	20.43	20.32	22.00
5	64QAM	1	0	20.42	20.53	20.49	22.00
5		1	12	20.19	20.37	20.23	22.00
5		1	24	20.31	20.45	20.36	22.00
5		12	0	19.36	19.46	19.32	21.00
5		12	7	19.34	19.44	19.37	21.00
5		12	13	19.41	19.52	19.35	21.00
5		25	0	19.33	19.51	19.34	21.00
5	256QAM	1	0	17.36	17.54	17.45	19.00
5		1	12	17.40	17.56	17.48	19.00
5		1	24	17.31	17.49	17.37	19.00
5		12	0	17.24	17.36	17.20	19.00
5		12	7	17.29	17.45	17.39	19.00
5		12	13	17.27	17.42	17.32	19.00
5		25	0	17.31	17.47	17.41	19.00

<LTE Band 14_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		21.58		22.50
10		1	25		21.38		22.50
10		1	49		21.33		22.50
10		25	0		21.55		22.50
10		25	12		21.50		22.50
10		25	25		21.32		22.50
10		50	0		21.51		22.50
10	16QAM	1	0		21.51		22.50
10		1	25		21.52		22.50
10		1	49		21.38		22.50
10		25	0		20.82		22.00
10		25	12		20.94		22.00
10		25	25		20.86		22.00
10		50	0		20.93		22.00
10	64QAM	1	0		20.93		22.00
10		1	25		21.04		22.00
10		1	49		20.94		22.00
10		25	0		19.83		21.00
10		25	12		19.98		21.00
10		25	25		19.94		21.00
10		50	0		20.03		21.00
10	256QAM	1	0		18.01		19.00
10		1	25		17.93		19.00
10		1	49		17.85		19.00
10		25	0		17.85		19.00
10		25	12		17.89		19.00
10		25	25		17.96		19.00
10		50	0		17.84		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	21.46	21.51	21.50	22.50
5		1	12	21.30	21.48	21.45	22.50
5		1	24	21.35	21.42	21.40	22.50
5		12	0	21.27	21.36	21.21	22.50
5		12	7	21.45	21.51	21.36	22.50
5		12	13	21.32	21.42	21.34	22.50
5		25	0	21.40	21.50	21.44	22.50
5	16QAM	1	0	21.26	21.33	21.30	22.50
5		1	12	21.29	21.36	21.24	22.50
5		1	24	21.28	21.41	21.32	22.50
5		12	0	20.94	21.03	20.97	22.00
5		12	7	20.79	20.87	20.74	22.00
5		12	13	20.83	20.97	20.87	22.00
5		25	0	20.77	20.87	20.72	22.00
5	64QAM	1	0	20.86	21.01	20.88	22.00
5		1	12	20.73	20.85	20.74	22.00
5		1	24	20.79	20.85	20.76	22.00
5		12	0	19.72	19.87	19.71	21.00
5		12	7	19.93	20.02	19.97	21.00
5		12	13	19.68	19.87	19.81	21.00
5		25	0	19.71	19.88	19.78	21.00
5	256QAM	1	0	17.83	17.81	17.67	19.00
5		1	12	17.81	17.95	17.91	19.00
5		1	24	17.93	17.99	17.84	19.00
5		12	0	17.69	17.87	17.76	19.00
5		12	7	17.86	17.95	17.79	19.00
5		12	13	17.85	18.01	17.86	19.00
5		25	0	17.79	17.98	17.90	19.00

<LTE Band 17_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	21.41	21.49	21.46	21.90
10		1	25	21.21	21.35	21.27	21.90
10		1	49	21.25	21.35	21.21	21.90
10		25	0	21.33	21.46	21.42	21.90
10		25	12	21.14	21.29	21.21	21.90
10		25	25	21.11	21.31	21.22	21.90
10		50	0	21.33	21.44	21.30	21.90
10	16QAM	1	0	21.15	21.35	21.18	21.90
10		1	25	21.09	21.21	21.14	21.90
10		1	49	21.20	21.34	21.27	21.90
10		25	0	20.03	20.23	20.09	21.90
10		25	12	20.17	20.39	20.34	21.90
10		25	25	20.19	20.29	20.16	21.90
10		50	0	20.17	20.25	20.19	21.90
10	64QAM	1	0	20.18	20.28	20.23	21.00
10		1	25	20.19	20.36	20.30	21.00
10		1	49	20.25	20.36	20.32	21.00
10		25	0	19.02	19.19	19.06	21.00
10		25	12	19.10	19.27	19.22	21.00
10		25	25	19.19	19.36	19.20	21.00
10		50	0	19.09	19.26	19.12	21.00
10	256QAM	1	0	17.11	17.28	17.10	19.00
10		1	25	17.07	17.22	17.06	19.00
10		1	49	17.09	17.20	17.09	19.00
10		25	0	17.02	17.19	17.10	19.00
10		25	12	17.21	17.36	17.21	19.00
10		25	25	17.08	17.28	17.18	19.00
10		50	0	17.10	17.31	17.15	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	21.40	21.47	21.37	21.90
5		1	12	21.20	21.22	21.25	21.90
5		1	24	21.16	21.21	21.16	21.90
5		12	0	21.24	21.37	21.37	21.90
5		12	7	21.17	21.16	21.19	21.90
5		12	13	21.09	21.27	21.18	21.90
5		25	0	21.26	21.39	21.24	21.90
5	16QAM	1	0	21.18	21.28	21.13	21.90
5		1	12	21.08	21.08	21.05	21.90
5		1	24	21.08	21.19	21.25	21.90
5		12	0	20.04	20.06	20.13	21.90
5		12	7	20.05	20.06	20.15	21.90
5		12	13	20.11	20.05	20.04	21.90
5		25	0	20.01	20.09	20.05	21.90
5	64QAM	1	0	19.10	19.06	19.00	21.00
5		1	12	19.12	19.01	19.09	21.00
5		1	24	19.11	19.01	19.04	21.00
5		12	0	19.05	19.13	19.09	21.00
5		12	7	19.03	19.12	19.03	21.00
5		12	13	19.07	19.05	19.10	21.00
5		25	0	19.13	19.08	19.11	21.00
5	256QAM	1	0	17.03	17.09	17.10	19.00
5		1	12	17.09	17.00	17.13	19.00
5		1	24	17.01	17.04	17.07	19.00
5		12	0	17.05	17.07	17.12	19.00
5		12	7	17.08	17.14	17.13	19.00
5		12	13	17.02	17.10	17.05	19.00
5		25	0	17.07	17.15	17.06	19.00

<LTE Band 25_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.06	16.10	16.01	17.50
20		1	49	15.75	15.94	15.73	17.50
20		1	99	15.70	15.87	15.70	17.50
20		50	0	15.91	16.05	15.87	17.50
20		50	24	15.68	15.81	15.69	17.50
20		50	50	15.77	15.84	15.68	17.50
20		100	0	15.86	15.92	15.82	17.50
20	16QAM	1	0	15.75	15.91	15.79	17.50
20		1	49	15.77	15.96	15.82	17.50
20		1	99	15.77	15.88	15.76	17.50
20		50	0	15.76	15.86	15.67	17.50
20		50	24	15.74	15.85	15.73	17.50
20		50	50	15.81	15.99	15.82	17.50
20		100	0	15.81	15.87	15.69	17.50
20	64QAM	1	0	15.80	15.87	15.71	17.50
20		1	49	15.70	15.84	15.69	17.50
20		1	99	15.89	15.95	15.73	17.50
20		50	0	15.75	15.90	15.78	17.50
20		50	24	15.83	15.89	15.72	17.50
20		50	50	15.68	15.81	15.69	17.50
20		100	0	15.84	15.99	15.85	17.50
20	256QAM	1	0	15.81	15.96	15.73	17.50
20		1	49	15.74	15.82	15.67	17.50
20		1	99	15.93	16.00	15.80	17.50
20		50	0	15.79	15.90	15.73	17.50
20		50	24	15.76	15.85	15.61	17.50
20		50	50	15.69	15.84	15.66	17.50
20		100	0	15.77	15.94	15.83	17.50
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	15.96	15.96	15.91	17.50
15		1	37	15.72	15.80	15.59	17.50
15		1	74	15.59	15.76	15.65	17.50
15		36	0	15.86	15.96	15.79	17.50
15		36	20	15.62	15.79	15.59	17.50
15		36	39	15.75	15.74	15.66	17.50
15		75	0	15.79	15.91	15.67	17.50
15	16QAM	1	0	15.61	15.85	15.74	17.50
15		1	37	15.68	15.91	15.74	17.50
15		1	74	15.66	15.79	15.63	17.50
15		36	0	15.73	15.85	15.58	17.50
15		36	20	15.65	15.81	15.68	17.50
15		36	39	15.69	15.85	15.77	17.50
15		75	0	15.78	15.79	15.61	17.50
15	64QAM	1	0	15.77	15.86	15.69	17.50
15		1	37	15.56	15.76	15.62	17.50
15		1	74	15.86	15.80	15.62	17.50
15		36	0	15.61	15.76	15.69	17.50
15		36	20	15.80	15.84	15.70	17.50
15		36	39	15.63	15.68	15.55	17.50
15		75	0	15.73	15.97	15.79	17.50
15	256QAM	1	0	15.76	15.85	15.65	17.50
15		1	37	15.69	15.73	15.56	17.50
15		1	74	15.78	15.89	15.67	17.50
15		36	0	15.65	15.80	15.61	17.50
15		36	20	15.68	15.84	15.52	17.50
15		36	39	15.62	15.71	15.53	17.50
15		75	0	15.71	15.81	15.75	17.50
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	15.95	15.96	15.93	17.50
10		1	25	15.61	15.92	15.63	17.50
10		1	49	15.57	15.78	15.63	17.50
10		25	0	15.86	16.02	15.79	17.50
10		25	12	15.59	15.67	15.63	17.50
10		25	25	15.67	15.72	15.64	17.50
10		50	0	15.77	15.87	15.72	17.50
10	16QAM	1	0	15.69	15.80	15.67	17.50
10		1	25	15.72	15.87	15.67	17.50
10		1	49	15.69	15.82	15.65	17.50
10		25	0	15.73	15.84	15.57	17.50
10		25	12	15.65	15.75	15.65	17.50
10		25	25	15.78	15.85	15.72	17.50
10		50	0	15.68	15.84	15.60	17.50
10	64QAM	1	0	15.76	15.80	15.68	17.50
10		1	25	15.65	15.79	15.54	17.50
10		1	49	15.81	15.85	15.65	17.50
10		25	0	15.68	15.86	15.75	17.50
10		25	12	15.73	15.79	15.60	17.50
10		25	25	15.57	15.73	15.66	17.50
10		50	0	15.76	15.89	15.71	17.50
10	256QAM	1	0	15.66	15.91	15.68	17.50
10		1	25	15.71	15.79	15.54	17.50
10		1	49	15.82	15.86	15.71	17.50
10		25	0	15.68	15.81	15.72	17.50
10		25	12	15.69	15.70	15.57	17.50
10		25	25	15.67	15.69	15.52	17.50
10		50	0	15.69	15.80	15.74	17.50
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	15.98	15.97	16.00	17.50
5		1	12	15.69	15.83	15.63	17.50
5		1	24	15.63	15.73	15.60	17.50
5		12	0	15.77	16.02	15.81	17.50
5		12	7	15.59	15.79	15.59	17.50
5		12	13	15.72	15.82	15.60	17.50
5		25	0	15.82	15.82	15.90	17.50
5	16QAM	1	0	15.71	15.78	15.75	17.50
5		1	12	15.75	15.84	15.73	17.50
5		1	24	15.71	15.85	15.65	17.50
5		12	0	15.63	15.77	15.63	17.50
5		12	7	15.59	15.75	15.65	17.50
5		12	13	15.76	15.84	15.80	17.50
5		25	0	15.74	15.76	15.60	17.50
5	64QAM	1	0	15.67	15.80	15.58	17.50
5		1	12	15.59	15.76	15.60	17.50
5		1	24	15.84	15.83	15.71	17.50
5		12	0	15.73	15.79	15.64	17.50
5		12	7	15.80	15.81	15.63	17.50
5		12	13	15.57	15.75	15.58	17.50
5		25	0	15.73	15.95	15.82	17.50
5	256QAM	1	0	15.74	15.93	15.66	17.50
5		1	12	15.65	15.76	15.56	17.50
5		1	24	15.80	15.98	15.74	17.50
5		12	0	15.74	15.89	15.68	17.50
5		12	7	15.71	15.75	15.58	17.50
5		12	13	15.67	15.78	15.56	17.50
5		25	0	15.69	15.92	15.71	17.50
Channel				26055	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	15.95	16.06	15.98	17.50
3		1	8	15.61	15.79	15.70	17.50
3		1	14	15.64	15.74	15.61	17.50
3		8	0	15.81	15.91	15.74	17.50
3		8	4	15.53	15.79	15.55	17.50
3		8	7	15.71	15.75	15.65	17.50
3		15	0	15.75	15.84	15.77	17.50
3	16QAM	1	0	15.64	15.82	15.74	17.50
3		1	8	15.76	15.85	15.80	17.50
3		1	14	15.66	15.83	15.68	17.50
3		8	0	15.71	15.72	15.52	17.50
3		8	4	15.68	15.83	15.60	17.50
3		8	7	15.72	15.95	15.77	17.50
3		15	0	15.70	15.79	15.57	17.50
3	64QAM	1	0	15.73	15.73	15.70	17.50
3		1	8	15.65	15.76	15.57	17.50
3		1	14	15.80	15.90	15.71	17.50
3		8	0	15.66	15.76	15.75	17.50
3		8	4	15.74	15.75	15.64	17.50
3		8	7	15.56	15.75	15.69	17.50
3		15	0	15.70	15.95	15.76	17.50
3	256QAM	1	0	15.77	15.92	15.61	17.50
3		1	8	15.67	15.78	15.66	17.50
3		1	14	15.89	15.88	15.76	17.50
3		8	0	15.69	15.81	15.65	17.50
3		8	4	15.85	15.85	15.50	17.50
3		8	7	15.67	15.77	15.53	17.50
3		15	0	15.67	15.89	15.71	17.50
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	15.92	16.05	15.98	17.50
1.4		1	3	15.69	15.84	15.61	17.50
1.4		1	5	15.64	15.79	15.55	17.50
1.4		3	0	15.87	15.95	15.83	17.50
1.4		3	1	15.67	15.79	15.57	17.50
1.4		3	3	15.73	15.74	15.62	17.50
1.4		6	0	15.83	15.80	15.73	17.50
1.4	16QAM	1	0	15.61	15.89	15.77	17.50
1.4		1	3	15.62	15.93	15.74	17.50
1.4		1	5	15.65	15.85	15.75	17.50
1.4		3	0	15.70	15.79	15.62	17.50
1.4		3	1	15.67	15.79	15.61	17.50
1.4		3	3	15.69	15.95	15.70	17.50
1.4		6	0	15.79	15.79	15.65	17.50
1.4	64QAM	1	0	15.75	15.84	15.61	17.50
1.4		1	3	15.61	15.76	15.55	17.50
1.4		1	5	15.87	15.80	15.64	17.50
1.4		3	0	15.73	15.82	15.75	17.50
1.4		3	1	15.80	15.74	15.65	17.50
1.4		3	3	15.64	15.75	15.69	17.50
1.4		6	0	15.74	15.85	15.74	17.50
1.4	256QAM	1	0	15.71	15.83	15.59	17.50
1.4		1	3	15.71	15.68	15.54	17.50
1.4		1	5	15.81	15.95	15.71	17.50
1.4		3	0	15.65	15.85	15.69	17.50
1.4		3	1	15.71	15.70	15.58	17.50
1.4		3	3	15.67	15.69	15.58	17.50
1.4		6	0	15.74	15.86	15.78	17.50

<LTE Band 26_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	19.91	19.97	19.94	20.60
15		1	37	19.66	19.75	19.65	20.60
15		1	74	19.58	19.74	19.62	20.60
15		36	0	19.85	19.95	19.89	20.60
15		36	20	19.74	19.82	19.68	20.60
15		36	39	19.70	19.86	19.75	20.60
15		75	0	19.80	19.91	19.77	20.60
15	16QAM	1	0	19.71	19.83	19.75	20.60
15		1	37	19.55	19.73	19.57	20.60
15		1	74	19.64	19.79	19.70	20.60
15		36	0	19.55	19.76	19.62	20.60
15		36	20	19.67	19.78	19.65	20.60
15		36	39	19.61	19.71	19.56	20.60
15		75	0	19.80	19.87	19.79	20.60
15	64QAM	1	0	19.75	19.84	19.67	20.60
15		1	37	19.55	19.70	19.57	20.60
15		1	74	19.71	19.86	19.69	20.60
15		36	0	19.64	19.72	19.54	20.60
15		36	20	19.63	19.78	19.74	20.60
15		36	39	19.74	19.84	19.76	20.60
15		75	0	19.67	19.85	19.75	20.60
15	256QAM	1	0	17.59	17.75	17.70	19.00
15		1	37	17.58	17.69	17.59	19.00
15		1	74	17.57	17.66	17.59	19.00
15		36	0	17.52	17.61	17.46	19.00
15		36	20	17.51	17.65	17.48	19.00
15		36	39	17.55	17.71	17.60	19.00
15		75	0	17.57	17.66	17.57	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	19.88	19.83	19.89	20.60
10		1	25	19.53	19.62	19.56	20.60
10		1	49	19.47	19.68	19.47	20.60
10		25	0	19.78	19.94	19.87	20.60
10		25	12	19.61	19.72	19.54	20.60
10		25	25	19.65	19.82	19.66	20.60
10		50	0	19.71	19.85	19.85	20.60
10	16QAM	1	0	19.59	19.79	19.70	20.60
10		1	25	19.48	19.68	19.52	20.60
10		1	49	19.58	19.74	19.66	20.60
10		25	0	19.43	19.65	19.54	20.60
10		25	12	19.65	19.71	19.51	20.60
10		25	25	19.54	19.69	19.44	20.60
10		50	0	19.68	19.84	19.70	20.60
10	64QAM	1	0	19.74	19.70	19.60	20.60
10		1	25	19.53	19.65	19.51	20.60
10		1	49	19.59	19.83	19.67	20.60
10		25	0	19.57	19.66	19.44	20.60
10		25	12	19.58	19.74	19.63	20.60
10		25	25	19.63	19.81	19.72	20.60
10		50	0	19.63	19.71	19.64	20.60
10	256QAM	1	0	17.12	17.15	17.03	19.00
10		1	25	17.12	17.08	17.06	19.00
10		1	49	17.01	17.10	17.11	19.00
10		25	0	17.14	17.08	17.14	19.00
10		25	12	17.01	17.08	17.04	19.00
10		25	25	17.11	17.07	17.01	19.00
10		50	0	17.04	17.14	17.15	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	19.88	19.84	19.90	20.60
5		1	12	19.54	19.64	19.61	20.60
5		1	24	19.56	19.68	19.53	20.60
5		12	0	19.82	19.83	19.82	20.60
5		12	7	19.60	19.71	19.59	20.60
5		12	13	19.67	19.73	19.61	20.60
5		25	0	19.71	19.89	19.75	20.60
5	16QAM	1	0	19.67	19.81	19.61	20.60
5		1	12	19.45	19.61	19.54	20.60
5		1	24	19.61	19.73	19.66	20.60
5		12	0	19.54	19.62	19.50	20.60
5		12	7	19.55	19.70	19.60	20.60
5		12	13	19.55	19.69	19.41	20.60
5		25	0	19.78	19.80	19.72	20.60
5	64QAM	1	0	19.64	19.81	19.64	20.60
5		1	12	19.47	19.59	19.51	20.60
5		1	24	19.59	19.78	19.66	20.60
5		12	0	19.57	19.66	19.41	20.60
5		12	7	19.55	19.75	19.62	20.60
5		12	13	19.66	19.78	19.68	20.60
5		25	0	19.56	19.72	19.62	20.60
5	256QAM	1	0	17.12	17.12	17.08	19.00
5		1	12	17.00	17.10	17.13	19.00
5		1	24	17.13	17.09	17.06	19.00
5		12	0	17.04	17.04	17.13	19.00
5		12	7	17.06	17.01	17.15	19.00
5		12	13	17.14	17.04	17.08	19.00
5		25	0	17.15	17.09	17.06	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	19.88	19.87	19.89	20.60
3		1	8	19.58	19.69	19.61	20.60
3		1	14	19.48	19.65	19.55	20.60
3		8	0	19.84	19.83	19.74	20.60
3		8	4	19.64	19.80	19.65	20.60
3		8	7	19.65	19.82	19.73	20.60
3		15	0	19.67	19.79	19.66	20.60
3	16QAM	1	0	19.59	19.76	19.68	20.60
3		1	8	19.50	19.67	19.50	20.60
3		1	14	19.50	19.70	19.63	20.60
3		8	0	19.46	19.74	19.50	20.60
3		8	4	19.64	19.67	19.57	20.60
3		8	7	19.59	19.56	19.43	20.60
3		15	0	19.75	19.77	19.77	20.60
3	64QAM	1	0	19.71	19.72	19.62	20.60
3		1	8	19.43	19.60	19.47	20.60
3		1	14	19.67	19.82	19.66	20.60
3		8	0	19.51	19.66	19.53	20.60
3		8	4	19.56	19.70	19.66	20.60
3		8	7	19.69	19.70	19.70	20.60
3		15	0	19.52	19.81	19.61	20.60
3	256QAM	1	0	17.07	17.03	17.14	19.00
3		1	8	17.14	17.05	17.01	19.00
3		1	14	17.14	17.03	17.06	19.00
3		8	0	17.11	17.07	17.10	19.00
3		8	4	17.06	17.06	17.04	19.00
3		8	7	17.05	17.09	17.05	19.00
3		15	0	17.13	17.00	17.01	19.00
Channel				26627	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	19.77	19.84	19.86	20.60
1.4		1	3	19.64	19.66	19.59	20.60
1.4		1	5	19.54	19.62	19.57	20.60
1.4		3	0	19.71	19.87	19.76	20.60
1.4		3	1	19.71	19.75	19.60	20.60
1.4		3	3	19.58	19.77	19.71	20.60
1.4		6	0	19.70	19.89	19.76	20.60
1.4	16QAM	1	0	19.69	19.74	19.63	20.60
1.4		1	3	19.44	19.66	19.51	20.60
1.4		1	5	19.58	19.71	19.65	20.60
1.4		3	0	19.48	19.74	19.53	20.60
1.4		3	1	19.61	19.76	19.57	20.60
1.4		3	3	19.60	19.67	19.48	20.60
1.4		6	0	19.65	19.74	19.65	20.60
1.4	64QAM	1	0	19.65	19.79	19.58	20.60
1.4		1	3	19.46	19.58	19.45	20.60
1.4		1	5	19.64	19.82	19.59	20.60
1.4		3	0	19.55	19.61	19.43	20.60
1.4		3	1	19.57	19.74	19.69	20.60
1.4		3	3	19.57	19.78	19.74	20.60
1.4		6	0	19.59	19.71	19.73	20.60
1.4	256QAM	1	0	17.01	17.03	17.07	19.00
1.4		1	3	17.05	17.05	17.00	19.00
1.4		1	5	17.04	17.07	17.12	19.00
1.4		3	0	17.08	17.10	17.09	19.00
1.4		3	1	17.05	17.08	17.03	19.00
1.4		3	3	17.02	17.14	17.14	19.00
1.4		6	0	17.15	17.13	17.03	19.00

<LTE Band 66_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	15.95	15.99	15.92	17.70
20		1	49	15.70	15.73	15.75	17.70
20		1	99	15.72	15.88	15.74	17.70
20		50	0	15.91	15.97	15.88	17.70
20		50	24	15.78	15.82	15.76	17.70
20		50	50	15.79	15.90	15.77	17.70
20		100	0	15.85	15.95	15.75	17.70
20	16QAM	1	0	15.76	15.79	15.71	17.70
20		1	49	15.78	15.92	15.76	17.70
20		1	99	15.75	15.82	15.79	17.70
20		50	0	15.86	15.90	15.73	17.70
20		50	24	15.86	15.94	15.76	17.70
20		50	50	15.80	15.92	15.80	17.70
20		100	0	15.82	15.85	15.76	17.70
20	64QAM	1	0	15.78	15.93	15.75	17.70
20		1	49	15.87	15.91	15.79	17.70
20		1	99	15.86	15.93	15.75	17.70
20		50	0	15.79	15.76	15.77	17.70
20		50	24	15.89	15.94	15.75	17.70
20		50	50	15.79	15.91	15.83	17.70
20		100	0	15.73	15.89	15.83	17.70
20	256QAM	1	0	15.73	15.90	15.78	17.70
20		1	49	15.84	15.86	15.73	17.70
20		1	99	15.83	15.92	15.84	17.70
20		50	0	15.74	15.85	15.78	17.70
20		50	24	15.76	15.81	15.71	17.70
20		50	50	15.79	15.82	15.73	17.70
20		100	0	15.78	15.81	15.75	17.70
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	15.87	15.88	15.82	17.70
15		1	37	15.75	15.74	15.79	17.70
15		1	74	15.76	15.78	15.76	17.70
15		36	0	15.78	15.84	15.78	17.70
15		36	20	15.81	15.70	15.79	17.70
15		36	39	15.76	15.79	15.76	17.70
15		75	0	15.81	15.81	15.78	17.70
15	16QAM	1	0	15.74	15.76	15.72	17.70
15		1	37	15.76	15.85	15.73	17.70
15		1	74	15.71	15.71	15.72	17.70
15		36	0	15.76	15.83	15.83	17.70
15		36	20	15.79	15.84	15.79	17.70
15		36	39	15.86	15.80	15.80	17.70
15		75	0	15.82	15.83	15.74	17.70
15	64QAM	1	0	15.75	15.84	15.74	17.70
15		1	37	15.89	15.84	15.78	17.70
15		1	74	15.78	15.87	15.77	17.70
15		36	0	15.77	15.70	15.70	17.70
15		36	20	15.80	15.90	15.87	17.70
15		36	39	15.81	15.83	15.84	17.70
15		75	0	15.73	15.88	15.85	17.70
15	256QAM	1	0	15.79	15.87	15.82	17.70
15		1	37	15.75	15.79	15.81	17.70
15		1	74	15.85	15.81	15.84	17.70
15		36	0	15.80	15.78	15.72	17.70
15		36	20	15.72	15.77	15.76	17.70
15		36	39	15.73	15.81	15.70	17.70
15		75	0	15.76	15.78	15.73	17.70
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	15.82	15.88	15.90	17.70
10		1	25	15.78	15.85	15.81	17.70
10		1	49	15.79	15.83	15.72	17.70
10		25	0	15.89	15.90	15.88	17.70
10		25	12	15.76	15.74	15.72	17.70
10		25	25	15.80	15.84	15.76	17.70
10		50	0	15.81	15.82	15.76	17.70
10	16QAM	1	0	15.74	15.72	15.76	17.70
10		1	25	15.80	15.85	15.86	17.70
10		1	49	15.78	15.73	15.72	17.70
10		25	0	15.78	15.84	15.74	17.70
10		25	12	15.83	15.82	15.83	17.70
10		25	25	15.79	15.87	15.77	17.70
10		50	0	15.77	15.72	15.84	17.70
10	64QAM	1	0	15.84	15.79	15.79	17.70
10		1	25	15.84	15.78	15.78	17.70
10		1	49	15.87	15.90	15.85	17.70
10		25	0	15.78	15.73	15.76	17.70
10		25	12	15.80	15.83	15.79	17.70
10		25	25	15.83	15.76	15.75	17.70
10		50	0	15.84	15.78	15.74	17.70
10	256QAM	1	0	15.86	15.85	15.85	17.70
10		1	25	15.75	15.82	15.83	17.70
10		1	49	15.82	15.87	15.79	17.70
10		25	0	15.72	15.73	15.84	17.70
10		25	12	15.75	15.85	15.80	17.70
10		25	25	15.78	15.80	15.78	17.70
10		50	0	15.84	15.78	15.70	17.70
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	15.92	15.89	15.80	17.70
5		1	12	15.72	15.77	15.71	17.70
5		1	24	15.73	15.79	15.84	17.70
5		12	0	15.80	15.83	15.75	17.70
5		12	7	15.78	15.85	15.77	17.70
5		12	13	15.82	15.87	15.78	17.70
5		25	0	15.79	15.85	15.88	17.70
5	16QAM	1	0	15.77	15.76	15.75	17.70
5		1	12	15.74	15.90	15.84	17.70
5		1	24	15.77	15.76	15.80	17.70
5		12	0	15.81	15.77	15.83	17.70
5		12	7	15.89	15.86	15.86	17.70
5		12	13	15.82	15.89	15.74	17.70
5		25	0	15.74	15.83	15.82	17.70
5	64QAM	1	0	15.83	15.82	15.74	17.70
5		1	12	15.77	15.77	15.80	17.70
5		1	24	15.76	15.80	15.85	17.70
5		12	0	15.77	15.75	15.75	17.70
5		12	7	15.87	15.90	15.74	17.70
5		12	13	15.74	15.87	15.82	17.70
5		25	0	15.82	15.83	15.78	17.70
5	256QAM	1	0	15.80	15.82	15.75	17.70
5		1	12	15.73	15.80	15.80	17.70
5		1	24	15.85	15.78	15.74	17.70
5		12	0	15.82	15.80	15.77	17.70
5		12	7	15.77	15.77	15.75	17.70
5		12	13	15.75	15.79	15.71	17.70
5		25	0	15.73	15.84	15.77	17.70
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	15.83	15.91	15.82	17.70
3		1	8	15.72	15.84	15.72	17.70
3		1	14	15.82	15.87	15.80	17.70
3		8	0	15.83	15.86	15.75	17.70
3		8	4	15.81	15.78	15.77	17.70
3		8	7	15.86	15.78	15.76	17.70
3		15	0	15.82	15.92	15.84	17.70
3	16QAM	1	0	15.75	15.70	15.74	17.70
3		1	8	15.78	15.80	15.77	17.70
3		1	14	15.70	15.78	15.79	17.70
3		8	0	15.81	15.82	15.76	17.70
3		8	4	15.88	15.82	15.76	17.70
3		8	7	15.84	15.81	15.77	17.70
3		15	0	15.84	15.75	15.70	17.70
3	64QAM	1	0	15.74	15.85	15.84	17.70
3		1	8	15.82	15.88	15.75	17.70
3		1	14	15.77	15.88	15.75	17.70
3		8	0	15.70	15.82	15.75	17.70
3		8	4	15.87	15.91	15.79	17.70
3		8	7	15.76	15.82	15.74	17.70
3		15	0	15.73	15.85	15.76	17.70
3	256QAM	1	0	15.85	15.81	15.73	17.70
3		1	8	15.80	15.72	15.78	17.70
3		1	14	15.76	15.90	15.74	17.70
3		8	0	15.82	15.83	15.74	17.70
3		8	4	15.78	15.76	15.74	17.70
3		8	7	15.77	15.77	15.76	17.70
3		15	0	15.74	15.84	15.75	17.70
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	15.82	15.97	15.80	17.70
1.4		1	3	15.74	15.74	15.73	17.70
1.4		1	5	15.79	15.74	15.81	17.70
1.4		3	0	15.84	15.92	15.85	17.70
1.4		3	1	15.72	15.73	15.84	17.70
1.4		3	3	15.82	15.84	15.81	17.70
1.4		6	0	15.82	15.82	15.85	17.70
1.4	16QAM	1	0	15.77	15.71	15.74	17.70
1.4		1	3	15.76	15.77	15.80	17.70
1.4		1	5	15.74	15.76	15.73	17.70
1.4		3	0	15.84	15.83	15.75	17.70
1.4		3	1	15.88	15.91	15.79	17.70
1.4		3	3	15.82	15.91	15.74	17.70
1.4		6	0	15.78	15.83	15.71	17.70
1.4	64QAM	1	0	15.83	15.92	15.79	17.70
1.4		1	3	15.77	15.77	15.80	17.70
1.4		1	5	15.89	15.85	15.81	17.70
1.4		3	0	15.73	15.82	15.74	17.70
1.4		3	1	15.80	15.80	15.85	17.70
1.4		3	3	15.85	15.83	15.78	17.70
1.4		6	0	15.76	15.74	15.76	17.70
1.4	256QAM	1	0	15.74	15.82	15.76	17.70
1.4		1	3	15.72	15.76	15.79	17.70
1.4		1	5	15.82	15.86	15.80	17.70
1.4		3	0	15.79	15.79	15.81	17.70
1.4		3	1	15.78	15.83	15.72	17.70
1.4		3	3	15.75	15.81	15.70	17.70
1.4		6	0	15.70	15.75	15.78	17.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.61	22.66	22.55	24.00
20		1	49	22.47	22.57	22.37	24.00
20		1	99	22.31	22.49	22.36	24.00
20		50	0	21.42	21.62	21.38	23.00
20		50	24	21.44	21.51	21.36	23.00
20		50	50	21.39	21.53	21.39	23.00
20		100	0	21.41	21.55	21.32	23.00
20	16QAM	1	0	21.79	21.86	21.69	23.00
20		1	49	21.80	21.89	21.73	23.00
20		1	99	21.79	21.89	21.72	23.00
20		50	0	20.54	20.60	20.45	22.00
20		50	24	20.35	20.54	20.31	22.00
20		50	50	20.42	20.52	20.37	22.00
20		100	0	20.41	20.53	20.34	22.00
20	64QAM	1	0	20.79	20.85	20.73	22.00
20		1	49	20.70	20.76	20.59	22.00
20		1	99	20.51	20.70	20.55	22.00
20		50	0	19.60	19.66	19.50	21.00
20		50	24	19.44	19.60	19.43	21.00
20		50	50	19.54	19.61	19.42	21.00
20		100	0	19.57	19.63	19.45	21.00
20	256QAM	1	0	17.63	17.80	17.64	19.00
20		1	49	17.60	17.66	17.55	19.00
20		1	99	17.49	17.61	17.44	19.00
20		50	0	17.54	17.65	17.53	19.00
20		50	24	17.49	17.59	17.38	19.00
20		50	50	17.40	17.56	17.36	19.00
20		100	0	17.45	17.57	17.43	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.48	22.59	22.49	24.00
15		1	37	22.34	22.55	22.33	24.00
15		1	74	22.25	22.38	22.24	24.00
15		36	0	21.33	21.57	21.28	23.00
15		36	20	21.37	21.38	21.35	23.00
15		36	39	21.36	21.42	21.29	23.00
15		75	0	21.38	21.48	21.26	23.00
15	16QAM	1	0	21.70	21.73	21.65	23.00
15		1	37	21.69	21.82	21.60	23.00
15		1	74	21.71	21.78	21.67	23.00
15		36	0	20.48	20.55	20.34	22.00
15		36	20	20.21	20.50	20.19	22.00
15		36	39	20.40	20.39	20.33	22.00
15		75	0	20.30	20.41	20.26	22.00
15	64QAM	1	0	20.73	20.74	20.72	22.00
15		1	37	20.55	20.72	20.49	22.00
15		1	74	20.49	20.62	20.41	22.00
15		36	0	19.55	19.65	19.41	21.00
15		36	20	19.40	19.58	19.35	21.00
15		36	39	19.46	19.48	19.30	21.00
15		75	0	19.53	19.54	19.41	21.00
15	256QAM	1	0	17.55	17.77	17.59	19.00
15		1	37	17.48	17.62	17.45	19.00
15		1	74	17.44	17.53	17.40	19.00
15		36	0	17.49	17.59	17.47	19.00
15		36	20	17.43	17.50	17.32	19.00
15		36	39	17.35	17.47	17.23	19.00
15		75	0	17.38	17.45	17.29	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.58	22.56	22.51	24.00
10		1	25	22.37	22.51	22.30	24.00
10		1	49	22.22	22.40	22.30	24.00
10		25	0	21.29	21.57	21.33	23.00
10		25	12	21.36	21.49	21.33	23.00
10		25	25	21.24	21.42	21.34	23.00
10		50	0	21.28	21.53	21.24	23.00
10	16QAM	1	0	21.78	21.81	21.57	23.00
10		1	25	21.69	21.79	21.60	23.00
10		1	49	21.66	21.76	21.61	23.00
10		25	0	20.51	20.47	20.38	22.00
10		25	12	20.34	20.48	20.26	22.00
10		25	25	20.36	20.47	20.24	22.00
10		50	0	20.35	20.39	20.25	22.00
10	64QAM	1	0	20.74	20.80	20.66	22.00
10		1	25	20.58	20.70	20.55	22.00
10		1	49	20.48	20.63	20.49	22.00
10		25	0	19.54	19.65	19.46	21.00
10		25	12	19.34	19.55	19.32	21.00
10		25	25	19.45	19.48	19.30	21.00
10		50	0	19.45	19.50	19.43	21.00
10	256QAM	1	0	17.61	17.77	17.61	19.00
10		1	25	17.49	17.58	17.43	19.00
10		1	49	17.40	17.50	17.32	19.00
10		25	0	17.43	17.59	17.46	19.00
10		25	12	17.47	17.52	17.30	19.00
10		25	25	17.29	17.54	17.34	19.00
10		50	0	17.43	17.46	17.39	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.53	22.52	22.52	24.00
5		1	12	22.42	22.53	22.36	24.00
5		1	24	22.25	22.38	22.24	24.00
5		12	0	21.36	21.58	21.24	23.00
5		12	7	21.32	21.48	21.34	23.00
5		12	13	21.30	21.44	21.34	23.00
5		25	0	21.30	21.40	21.24	23.00
5	16QAM	1	0	21.73	21.83	21.65	23.00
5		1	12	21.71	21.74	21.70	23.00
5		1	24	21.70	21.74	21.60	23.00
5		12	0	20.51	20.55	20.36	22.00
5		12	7	20.21	20.53	20.30	22.00
5		12	13	20.39	20.50	20.36	22.00
5		25	0	20.30	20.42	20.31	22.00
5	64QAM	1	0	20.73	20.76	20.68	22.00
5		1	12	20.68	20.61	20.58	22.00
5		1	24	20.37	20.64	20.53	22.00
5		12	0	19.57	19.53	19.38	21.00
5		12	7	19.36	19.52	19.37	21.00
5		12	13	19.41	19.48	19.31	21.00
5		25	0	19.45	19.58	19.36	21.00
5	256QAM	1	0	17.58	17.76	17.53	19.00
5		1	12	17.50	17.61	17.47	19.00
5		1	24	17.34	17.48	17.30	19.00
5		12	0	17.44	17.62	17.39	19.00
5		12	7	17.35	17.56	17.34	19.00
5		12	13	17.33	17.44	17.27	19.00
5		25	0	17.39	17.45	17.28	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	18.49	18.54	18.51	18.48	19.70
20		1	49	18.37	18.50	18.34	18.32	19.70
20		1	99	18.30	18.49	18.36	18.35	19.70
20		50	0	18.47	18.52	18.42	18.46	19.70
20		50	24	18.23	18.34	18.27	18.19	19.70
20		50	50	18.27	18.36	18.24	18.23	19.70
20		100	0	18.41	18.48	18.34	18.31	19.70
20	16QAM	1	0	18.17	18.30	18.18	18.17	19.70
20		1	49	18.39	18.50	18.41	18.32	19.70
20		1	99	18.25	18.40	18.34	18.28	19.70
20		50	0	18.19	18.34	18.27	18.17	19.70
20		50	24	18.20	18.32	18.14	18.24	19.70
20		50	50	18.10	18.27	18.17	18.06	19.70
20		100	0	18.21	18.35	18.23	18.16	19.70
20	64QAM	1	0	18.34	18.51	18.38	18.33	19.70
20		1	49	18.37	18.50	18.36	18.37	19.70
20		1	99	18.36	18.45	18.32	18.25	19.70
20		50	0	18.17	18.29	18.14	18.21	19.70
20		50	24	18.14	18.31	18.18	18.14	19.70
20		50	50	18.11	18.31	18.14	18.10	19.70
20		100	0	18.32	18.50	18.37	18.37	19.70
20	256QAM	1	0	17.43	17.51	17.42	17.39	19.00
20		1	49	17.39	17.48	17.37	17.28	19.00
20		1	99	17.74	17.82	17.68	17.64	19.00
20		50	0	17.48	17.55	17.49	17.34	19.00
20		50	24	17.55	17.69	17.53	17.52	19.00
20		50	50	17.45	17.61	17.56	17.46	19.00
20		100	0	17.57	17.73	17.65	17.58	19.00
Channel				55315	55820	56160	56665	Tune-up Limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	18.45	18.42	18.37	18.41	19.70
15		1	37	18.29	18.43	18.24	18.25	19.70
15		1	74	18.21	18.40	18.22	18.32	19.70
15		36	0	18.37	18.49	18.33	18.41	19.70
15		36	20	18.19	18.22	18.19	18.11	19.70
15		36	39	18.14	18.25	18.23	18.10	19.70
15		75	0	18.33	18.40	18.25	18.22	19.70
15	16QAM	1	0	18.09	18.16	18.19	18.16	19.70
15		1	37	18.37	18.46	18.40	18.19	19.70
15		1	74	18.14	18.34	18.21	18.22	19.70
15		36	0	18.19	18.27	18.16	18.20	19.70
15		36	20	18.18	18.24	18.11	18.15	19.70
15		36	39	18.11	18.17	18.16	18.08	19.70
15		75	0	18.15	18.28	18.24	18.16	19.70
15	64QAM	1	0	18.25	18.37	18.30	18.23	19.70
15		1	37	18.29	18.37	18.29	18.27	19.70
15		1	74	18.28	18.37	18.22	18.22	19.70
15		36	0	18.10	18.23	18.14	18.13	19.70
15		36	20	18.20	18.18	18.09	18.11	19.70
15		36	39	18.15	18.22	18.17	18.11	19.70
15		75	0	18.21	18.42	18.28	18.34	19.70
15	256QAM	1	0	17.00	17.03	17.10	17.07	19.00
15		1	37	17.03	17.01	17.03	17.10	19.00
15		1	74	17.10	17.06	17.08	17.03	19.00
15		36	0	17.05	17.12	17.10	17.13	19.00
15		36	20	17.06	17.00	17.15	17.06	19.00
15		36	39	17.01	17.08	17.09	17.11	19.00
15		75	0	17.12	17.05	17.01	17.04	19.00
Channel				55290	55815	56165	56690	Tune-up Limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	18.40	18.42	18.38	18.45	19.70
10		1	25	18.34	18.44	18.30	18.26	19.70
10		1	49	18.18	18.34	18.26	18.27	19.70
10		25	0	18.45	18.41	18.27	18.32	19.70
10		25	12	18.22	18.23	18.25	18.15	19.70
10		25	25	18.24	18.24	18.21	18.11	19.70
10		50	0	18.28	18.46	18.23	18.28	19.70
10	16QAM	1	0	18.16	18.27	18.10	18.07	19.70
10		1	25	18.25	18.36	18.27	18.26	19.70
10		1	49	18.18	18.36	18.28	18.17	19.70
10		25	0	18.16	18.31	18.15	18.17	19.70
10		25	12	18.24	18.18	18.09	18.26	19.70
10		25	25	18.10	18.17	18.19	18.14	19.70
10		50	0	18.16	18.34	18.23	18.14	19.70
10	64QAM	1	0	18.20	18.43	18.25	18.25	19.70
10		1	25	18.25	18.40	18.26	18.30	19.70
10		1	49	18.32	18.34	18.22	18.18	19.70
10		25	0	18.11	18.23	18.19	18.15	19.70
10		25	12	18.11	18.25	18.12	18.07	19.70
10		25	25	18.19	18.19	18.16	18.09	19.70
10		50	0	18.27	18.43	18.35	18.23	19.70
10	256QAM	1	0	17.04	17.02	17.11	17.03	19.00
10		1	25	17.15	17.13	17.14	17.02	19.00
10		1	49	17.09	17.05	17.00	17.11	19.00
10		25	0	17.02	17.08	17.10	17.07	19.00
10		25	12	17.12	17.08	17.06	17.12	19.00
10		25	25	17.09	17.14	17.09	17.09	19.00
10		50	0	17.14	17.02	17.12	17.02	19.00
Channel				55265	55810	56170	56715	Tune-up Limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	18.34	18.50	18.36	18.42	19.70
5		1	12	18.23	18.48	18.23	18.30	19.70
5		1	24	18.25	18.39	18.31	18.32	19.70
5		12	0	18.43	18.47	18.36	18.37	19.70
5		12	7	18.12	18.31	18.21	18.21	19.70
5		12	13	18.26	18.24	18.13	18.19	19.70
5		25	0	18.40	18.38	18.25	18.23	19.70
5	16QAM	1	0	18.15	18.15	18.16	18.09	19.70
5		1	12	18.27	18.48	18.32	18.22	19.70
5		1	24	18.18	18.33	18.26	18.17	19.70
5		12	0	18.19	18.26	18.17	18.17	19.70
5		12	7	18.23	18.27	18.14	18.20	19.70
5		12	13	18.12	18.12	18.12	18.09	19.70
5		25	0	18.25	18.28	18.21	18.14	19.70
5	64QAM	1	0	18.22	18.39	18.32	18.22	19.70
5		1	12	18.30	18.35	18.26	18.35	19.70
5		1	24	18.23	18.34	18.24	18.13	19.70
5		12	0	18.13	18.17	18.17	18.19	19.70
5		12	7	18.12	18.24	18.13	18.08	19.70
5		12	13	18.14	18.28	18.18	18.17	19.70
5		25	0	18.29	18.49	18.31	18.25	19.70
5	256QAM	1	0	17.11	17.10	17.07	17.02	19.00
5		1	12	17.07	17.12	17.13	17.09	19.00
5		1	24	17.01	17.12	17.11	17.13	19.00
5		12	0	17.05	17.08	17.01	17.08	19.00
5		12	7	17.15	17.01	17.07	17.10	19.00
5		12	13	17.15	17.09	17.07	17.12	19.00
5		25	0	17.14	17.13	17.13	17.13	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.43	18.50	18.47	20.00
20		1	49	18.10	18.12	18.04	20.00
20		1	99	18.13	18.31	18.14	20.00
20		50	0	18.41	18.46	18.40	20.00
20		50	24	18.14	18.31	18.05	20.00
20		50	50	18.08	18.09	18.06	20.00
20		100	0	18.30	18.45	18.27	20.00
20	16QAM	1	0	18.16	18.29	18.30	20.00
20		1	49	18.09	18.11	18.07	20.00
20		1	99	18.24	18.37	18.31	20.00
20		50	0	18.09	18.28	18.17	20.00
20		50	24	18.21	18.42	18.23	20.00
20		50	50	18.18	18.24	18.23	20.00
20		100	0	18.10	18.31	18.18	20.00
20	64QAM	1	0	18.12	18.34	18.06	20.00
20		1	49	18.24	18.45	18.27	20.00
20		1	99	18.07	18.24	18.04	20.00
20		50	0	18.03	18.22	18.09	20.00
20		50	24	18.25	18.38	18.30	20.00
20		50	50	18.22	18.46	18.21	20.00
20		100	0	18.15	18.15	18.06	20.00
20	256QAM	1	0	17.65	17.90	17.66	19.00
20		1	49	17.65	17.76	17.80	19.00
20		1	99	17.63	17.91	17.72	19.00
20		50	0	17.59	17.88	17.72	19.00
20		50	24	17.71	17.84	17.67	19.00
20		50	50	17.74	17.86	17.75	19.00
20		100	0	17.59	17.88	17.72	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.35	18.37	18.33	20.00
15		1	37	18.07	18.04	18.10	20.00
15		1	74	18.14	18.29	18.20	20.00
15		36	0	18.39	18.39	18.38	20.00
15		36	20	18.23	18.17	18.11	20.00
15		36	39	18.06	18.04	18.02	20.00
15		75	0	18.19	18.41	18.25	20.00
15	16QAM	1	0	18.17	18.26	18.26	20.00
15		1	37	18.10	18.04	18.03	20.00
15		1	74	18.20	18.29	18.20	20.00
15		36	0	18.07	18.20	18.09	20.00
15		36	20	18.20	18.40	18.17	20.00
15		36	39	18.12	18.22	18.21	20.00
15		75	0	18.18	18.21	18.23	20.00
15	64QAM	1	0	18.20	18.21	18.12	20.00
15		1	37	18.23	18.33	18.18	20.00
15		1	74	18.11	18.23	18.07	20.00
15		36	0	18.03	18.14	18.16	20.00
15		36	20	18.10	18.27	18.19	20.00
15		36	39	18.25	18.44	18.26	20.00
15		75	0	18.09	18.03	18.05	20.00
15	256QAM	1	0	17.08	17.05	17.12	19.00
15		1	37	17.10	17.09	17.06	19.00
15		1	74	17.15	17.34	17.17	19.00
15		36	0	17.12	17.26	17.29	19.00
15		36	20	17.13	17.32	17.13	19.00
15		36	39	17.11	17.24	17.13	19.00
15		75	0	17.15	17.34	17.16	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.41	18.47	18.45	20.00
10		1	25	18.14	18.06	18.10	20.00
10		1	49	18.11	18.25	18.14	20.00
10		25	0	18.30	18.41	18.36	20.00
10		25	12	18.14	18.27	18.13	20.00
10		25	25	18.07	18.03	18.07	20.00
10		50	0	18.21	18.36	18.20	20.00
10	16QAM	1	0	18.12	18.20	18.21	20.00
10		1	25	18.04	18.04	18.03	20.00
10		1	49	18.14	18.23	18.22	20.00
10		25	0	18.11	18.25	18.13	20.00
10		25	12	18.20	18.28	18.23	20.00
10		25	25	18.04	18.13	18.22	20.00
10		50	0	18.09	18.23	18.24	20.00
10	64QAM	1	0	18.13	18.20	18.12	20.00
10		1	25	18.18	18.41	18.20	20.00
10		1	49	18.13	18.11	18.06	20.00
10		25	0	18.15	18.20	18.09	20.00
10		25	12	18.17	18.34	18.25	20.00
10		25	25	18.14	18.39	18.13	20.00
10		50	0	18.14	18.05	18.09	20.00
10	256QAM	1	0	17.01	17.12	17.10	19.00
10		1	25	17.08	17.12	17.20	19.00
10		1	49	17.21	17.32	17.28	19.00
10		25	0	17.17	17.30	17.22	19.00
10		25	12	17.13	17.26	17.17	19.00
10		25	25	17.21	17.34	17.20	19.00
10		50	0	17.10	17.23	17.28	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.34	18.48	18.33	20.00
5		1	12	18.11	18.08	18.03	20.00
5		1	24	18.13	18.22	18.14	20.00
5		12	0	18.26	18.41	18.35	20.00
5		12	7	18.22	18.28	18.14	20.00
5		12	13	18.02	18.02	18.06	20.00
5		25	0	18.27	18.41	18.18	20.00
5	16QAM	1	0	18.12	18.26	18.15	20.00
5		1	12	18.05	18.09	18.02	20.00
5		1	24	18.22	18.28	18.25	20.00
5		12	0	18.18	18.25	18.19	20.00
5		12	7	18.18	18.37	18.13	20.00
5		12	13	18.08	18.12	18.11	20.00
5		25	0	18.18	18.18	18.21	20.00
5	64QAM	1	0	18.10	18.19	18.08	20.00
5		1	12	18.17	18.33	18.23	20.00
5		1	24	18.17	18.12	18.10	20.00
5		12	0	18.09	18.08	18.11	20.00
5		12	7	18.23	18.36	18.19	20.00
5		12	13	18.25	18.35	18.12	20.00
5		25	0	18.03	18.13	18.03	20.00
5	256QAM	1	0	17.09	17.11	17.09	19.00
5		1	12	17.07	17.07	17.14	19.00
5		1	24	17.18	17.32	17.20	19.00
5		12	0	17.22	17.36	17.26	19.00
5		12	7	17.18	17.29	17.12	19.00
5		12	13	17.19	17.28	17.22	19.00
5		25	0	17.13	17.33	17.19	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.30	18.39	18.43	20.00
3		1	8	18.08	18.14	18.11	20.00
3		1	14	18.20	18.25	18.10	20.00
3		8	0	18.38	18.37	18.27	20.00
3		8	4	18.16	18.28	18.20	20.00
3		8	7	18.02	18.08	18.02	20.00
3		15	0	18.26	18.34	18.19	20.00
3	16QAM	1	0	18.13	18.21	18.18	20.00
3		1	8	18.08	18.06	18.02	20.00
3		1	14	18.14	18.26	18.22	20.00
3		8	0	18.18	18.18	18.16	20.00
3		8	4	18.21	18.40	18.19	20.00
3		8	7	18.06	18.23	18.16	20.00
3		15	0	18.17	18.28	18.22	20.00
3	64QAM	1	0	18.16	18.27	18.15	20.00
3		1	8	18.16	18.44	18.27	20.00
3		1	14	18.11	18.12	18.06	20.00
3		8	0	18.06	18.08	18.11	20.00
3		8	4	18.18	18.28	18.23	20.00
3		8	7	18.14	18.40	18.15	20.00
3		15	0	18.06	18.03	18.14	20.00
3	256QAM	1	0	17.10	17.32	17.21	19.00
3		1	8	17.13	17.16	17.20	19.00
3		1	14	17.16	17.32	17.27	19.00
3		8	0	17.22	17.28	17.16	19.00
3		8	4	17.23	17.30	17.12	19.00
3		8	7	17.18	17.31	17.22	19.00
3		15	0	17.23	17.30	17.25	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.41	18.42	18.44	20.00
1.4		1	3	18.10	18.03	18.07	20.00
1.4		1	5	18.20	18.18	18.12	20.00
1.4		3	0	18.36	18.39	18.35	20.00
1.4		3	1	18.14	18.17	18.15	20.00
1.4		3	3	18.01	18.07	18.14	20.00
1.4		6	0	18.27	18.35	18.20	20.00
1.4	16QAM	1	0	18.08	18.18	18.17	20.00
1.4		1	3	18.04	18.00	18.01	20.00
1.4		1	5	18.15	18.25	18.27	20.00
1.4		3	0	18.17	18.21	18.16	20.00
1.4		3	1	18.16	18.39	18.24	20.00
1.4		3	3	18.16	18.12	18.09	20.00
1.4		6	0	18.19	18.18	18.11	20.00
1.4	64QAM	1	0	18.18	18.31	18.14	20.00
1.4		1	3	18.13	18.40	18.26	20.00
1.4		1	5	18.15	18.18	18.08	20.00
1.4		3	0	18.10	18.09	18.10	20.00
1.4		3	1	18.19	18.33	18.17	20.00
1.4		3	3	18.20	18.33	18.23	20.00
1.4		6	0	18.12	18.09	18.00	20.00
1.4	256QAM	1	0	17.21	17.30	17.16	19.00
1.4		1	3	17.09	17.12	17.23	19.00
1.4		1	5	17.12	17.29	17.24	19.00
1.4		3	0	17.16	17.31	17.27	19.00
1.4		3	1	17.14	17.31	17.10	19.00
1.4		3	3	17.13	17.27	17.19	19.00
1.4		6	0	17.16	17.29	17.21	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.09	18.16	18.11	19.50
20		1	49	17.96	18.04	17.95	19.50
20		1	99	17.83	18.12	17.78	19.50
20		50	0	18.06	18.12	18.04	19.50
20		50	24	17.74	17.90	17.59	19.50
20		50	50	17.83	17.89	17.58	19.50
20		100	0	18.01	18.09	17.92	19.50
20	16QAM	1	0	17.83	17.91	17.56	19.50
20		1	49	17.75	17.90	17.83	19.50
20		1	99	17.72	17.92	17.63	19.50
20		50	0	17.94	17.96	17.73	19.50
20		50	24	17.79	17.89	17.85	19.50
20		50	50	17.92	17.92	17.84	19.50
20		100	0	17.82	17.89	17.78	19.50
20	64QAM	1	0	17.91	18.02	17.82	19.50
20		1	49	17.81	17.90	17.82	19.50
20		1	99	17.96	18.08	17.88	19.50
20		50	0	17.78	17.86	17.65	19.50
20		50	24	17.71	17.83	17.62	19.50
20		50	50	17.83	18.03	17.84	19.50
20		100	0	17.69	17.74	17.71	19.50
20	256QAM	1	0	17.96	18.00	17.82	19.00
20		1	49	17.90	17.91	17.76	19.00
20		1	99	17.87	18.04	17.88	19.00
20		50	0	17.67	17.81	17.57	19.00
20		50	24	17.84	17.91	17.91	19.00
20		50	50	17.69	17.75	17.69	19.00
20		100	0	17.87	17.98	17.76	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.06	18.02	17.97	19.50
15		1	37	17.90	17.93	17.89	19.50
15		1	74	17.87	18.00	17.78	19.50
15		36	0	18.03	17.99	17.93	19.50
15		36	20	17.71	17.79	17.69	19.50
15		36	39	17.79	17.77	17.68	19.50
15		75	0	17.95	18.01	17.90	19.50
15	16QAM	1	0	17.85	17.89	17.72	19.50
15		1	37	17.61	17.89	17.75	19.50
15		1	74	17.71	17.88	17.66	19.50
15		36	0	17.84	17.82	17.69	19.50
15		36	20	17.75	17.77	17.83	19.50
15		36	39	17.81	17.85	17.81	19.50
15		75	0	17.76	17.86	17.69	19.50
15	64QAM	1	0	17.86	17.91	17.79	19.50
15		1	37	17.67	17.84	17.76	19.50
15		1	74	17.92	17.94	17.86	19.50
15		36	0	17.67	17.85	17.63	19.50
15		36	20	17.72	17.76	17.59	19.50
15		36	39	17.90	17.89	17.79	19.50
15		75	0	17.66	17.61	17.59	19.50
15	256QAM	1	0	17.35	17.37	17.28	19.00
15		1	37	17.27	17.32	17.21	19.00
15		1	74	17.27	17.45	17.30	19.00
15		36	0	17.19	17.29	17.10	19.00
15		36	20	17.25	17.27	17.40	19.00
15		36	39	17.05	17.21	17.10	19.00
15		75	0	17.28	17.44	17.27	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.02	18.06	17.96	19.50
10		1	25	17.95	17.90	17.92	19.50
10		1	49	17.75	18.03	17.76	19.50
10		25	0	17.98	18.10	18.01	19.50
10		25	12	17.81	17.89	17.60	19.50
10		25	25	17.77	17.82	17.63	19.50
10		50	0	17.95	18.04	17.86	19.50
10	16QAM	1	0	17.79	17.84	17.67	19.50
10		1	25	17.64	17.85	17.80	19.50
10		1	49	17.71	17.78	17.68	19.50
10		25	0	17.83	17.82	17.64	19.50
10		25	12	17.67	17.82	17.76	19.50
10		25	25	17.79	17.81	17.72	19.50
10		50	0	17.68	17.75	17.70	19.50
10	64QAM	1	0	17.86	17.88	17.68	19.50
10		1	25	17.75	17.76	17.78	19.50
10		1	49	17.91	18.05	17.83	19.50
10		25	0	17.73	17.76	17.68	19.50
10		25	12	17.70	17.76	17.58	19.50
10		25	25	17.80	17.90	17.72	19.50
10		50	0	17.60	17.72	17.63	19.50
10	256QAM	1	0	17.33	17.40	17.18	19.00
10		1	25	17.26	17.38	17.11	19.00
10		1	49	17.26	17.49	17.31	19.00
10		25	0	17.19	17.29	17.14	19.00
10		25	12	17.28	17.31	17.35	19.00
10		25	25	17.09	17.18	17.09	19.00
10		50	0	17.36	17.46	17.21	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.06	18.06	18.07	19.50
5		1	12	17.88	17.99	17.87	19.50
5		1	24	17.78	18.05	17.72	19.50
5		12	0	18.01	18.00	17.98	19.50
5		12	7	17.72	17.87	17.70	19.50
5		12	13	17.76	17.82	17.63	19.50
5		25	0	17.90	18.04	17.87	19.50
5	16QAM	1	0	17.73	17.89	17.70	19.50
5		1	12	17.61	17.80	17.72	19.50
5		1	24	17.68	17.91	17.70	19.50
5		12	0	17.92	17.94	17.73	19.50
5		12	7	17.73	17.88	17.83	19.50
5		12	13	17.85	17.82	17.81	19.50
5		25	0	17.73	17.84	17.71	19.50
5	64QAM	1	0	17.77	17.96	17.70	19.50
5		1	12	17.66	17.81	17.68	19.50
5		1	24	17.91	18.01	17.84	19.50
5		12	0	17.70	17.73	17.72	19.50
5		12	7	17.69	17.72	17.58	19.50
5		12	13	17.90	17.94	17.73	19.50
5		25	0	17.59	17.60	17.65	19.50
5	256QAM	1	0	17.35	17.45	17.20	19.00
5		1	12	17.37	17.29	17.15	19.00
5		1	24	17.23	17.51	17.25	19.00
5		12	0	17.14	17.23	17.16	19.00
5		12	7	17.30	17.30	17.29	19.00
5		12	13	17.11	17.10	17.12	19.00
5		25	0	17.26	17.36	17.18	19.00
Channel				19950	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.95	18.10	18.10	19.50
3		1	8	17.82	17.99	17.83	19.50
3		1	14	17.85	18.11	17.70	19.50
3		8	0	18.00	18.06	17.90	19.50
3		8	4	17.72	17.78	17.71	19.50
3		8	7	17.78	17.84	17.73	19.50
3		15	0	17.93	18.03	17.85	19.50
3	16QAM	1	0	17.85	17.87	17.65	19.50
3		1	8	17.66	17.83	17.80	19.50
3		1	14	17.74	17.88	17.63	19.50
3		8	0	17.84	17.90	17.68	19.50
3		8	4	17.72	17.83	17.80	19.50
3		8	7	17.80	17.82	17.78	19.50
3		15	0	17.69	17.81	17.74	19.50
3	64QAM	1	0	17.85	17.87	17.81	19.50
3		1	8	17.79	17.77	17.69	19.50
3		1	14	17.83	18.01	17.83	19.50
3		8	0	17.68	17.78	17.60	19.50
3		8	4	17.70	17.79	17.64	19.50
3		8	7	17.88	17.91	17.72	19.50
3		15	0	17.60	17.64	17.70	19.50
3	256QAM	1	0	17.33	17.42	17.27	19.00
3		1	8	17.33	17.33	17.22	19.00
3		1	14	17.32	17.46	17.23	19.00
3		8	0	17.12	17.17	17.18	19.00
3		8	4	17.27	17.37	17.35	19.00
3		8	7	17.17	17.19	17.16	19.00
3		15	0	17.26	17.38	17.15	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.05	18.04	18.09	19.50
1.4		1	3	17.87	17.98	17.82	19.50
1.4		1	5	17.79	17.98	17.72	19.50
1.4		3	0	17.99	17.99	18.00	19.50
1.4		3	1	17.74	17.78	17.73	19.50
1.4		3	3	17.79	17.88	17.62	19.50
1.4		6	0	17.98	18.05	17.85	19.50
1.4	16QAM	1	0	17.77	17.77	17.62	19.50
1.4		1	3	17.69	17.88	17.71	19.50
1.4		1	5	17.75	17.79	17.67	19.50
1.4		3	0	17.88	17.94	17.74	19.50
1.4		3	1	17.72	17.80	17.79	19.50
1.4		3	3	17.81	17.87	17.69	19.50
1.4		6	0	17.75	17.84	17.63	19.50
1.4	64QAM	1	0	17.78	18.00	17.80	19.50
1.4		1	3	17.67	17.83	17.68	19.50
1.4		1	5	17.95	17.99	17.84	19.50
1.4		3	0	17.77	17.81	17.70	19.50
1.4		3	1	17.62	17.70	17.61	19.50
1.4		3	3	17.83	17.97	17.72	19.50
1.4		6	0	17.59	17.63	17.56	19.50
1.4	256QAM	1	0	17.41	17.47	17.17	19.00
1.4		1	3	17.29	17.28	17.22	19.00
1.4		1	5	17.26	17.49	17.32	19.00
1.4		3	0	17.11	17.29	17.10	19.00
1.4		3	1	17.21	17.32	17.34	19.00
1.4		3	3	17.16	17.16	17.17	19.00
1.4		6	0	17.30	17.40	17.22	19.00

<LTE Band 5_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.97	22.98	22.95	24.00
10		1	25	22.80	22.89	22.82	24.00
10		1	49	22.01	22.00	22.00	24.00
10		25	0	21.80	21.93	21.84	23.00
10		25	12	21.82	21.91	21.78	23.00
10		25	25	21.77	21.91	21.75	23.00
10		50	0	21.86	21.92	21.82	23.00
10	16QAM	1	0	22.18	22.29	22.23	23.00
10		1	25	22.06	22.15	21.99	23.00
10		1	49	22.01	22.14	22.08	23.00
10		25	0	20.81	20.90	20.78	22.00
10		25	12	20.74	20.89	20.83	22.00
10		25	25	20.75	20.88	20.82	22.00
10		50	0	20.76	20.91	20.84	22.00
10	64QAM	1	0	21.00	21.07	20.96	22.00
10		1	25	21.00	21.09	20.98	22.00
10		1	49	21.05	21.09	21.00	22.00
10		25	0	19.86	19.89	19.84	21.00
10		25	12	19.74	19.87	19.78	21.00
10		25	25	19.73	19.88	19.83	21.00
10		50	0	19.80	19.90	19.76	21.00
10	256QAM	1	0	17.99	18.03	17.97	19.00
10		1	25	17.85	17.98	17.94	19.00
10		1	49	17.88	17.91	17.79	19.00
10		25	0	17.91	17.93	17.84	19.00
10		25	12	17.87	17.95	17.87	19.00
10		25	25	17.83	17.91	17.82	19.00
10		50	0	17.86	17.93	17.85	19.00
Channel				20425	20525	20625	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	22.85	22.90	22.87	24.00
5		1	12	22.74	22.80	22.71	24.00
5		1	24	22.02	22.02	22.00	24.00
5		12	0	21.71	21.79	21.75	23.00
5		12	7	21.71	21.88	21.67	23.00
5		12	13	21.68	21.88	21.65	23.00
5		25	0	21.73	21.88	21.68	23.00
5	16QAM	1	0	22.17	22.19	22.14	23.00
5		1	12	21.99	22.01	21.88	23.00
5		1	24	21.87	22.02	22.02	23.00
5		12	0	20.71	20.83	20.70	22.00
5		12	7	20.71	20.85	20.70	22.00
5		12	13	20.62	20.82	20.75	22.00
5		25	0	20.62	20.79	20.74	22.00
5	64QAM	1	0	20.89	21.05	20.91	22.00
5		1	12	20.96	21.04	20.89	22.00
5		1	24	20.92	21.08	20.97	22.00
5		12	0	19.78	19.78	19.81	21.00
5		12	7	19.62	19.81	19.76	21.00
5		12	13	19.62	19.73	19.72	21.00
5		25	0	19.76	19.85	19.75	21.00
5	256QAM	1	0	17.87	17.98	17.82	19.00
5		1	12	17.74	17.87	17.87	19.00
5		1	24	17.85	17.80	17.66	19.00
5		12	0	17.86	17.89	17.80	19.00
5		12	7	17.74	17.86	17.72	19.00
5		12	13	17.75	17.83	17.78	19.00
5		25	0	17.80	17.87	17.83	19.00
Channel				20415	20525	20635	Tune-up Limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	22.82	22.89	22.80	24.00
3		1	8	22.77	22.87	22.71	24.00
3		1	14	22.00	22.00	22.00	24.00
3		8	0	21.72	21.78	21.79	23.00
3		8	4	21.80	21.89	21.65	23.00
3		8	7	21.71	21.88	21.72	23.00
3		15	0	21.81	21.81	21.80	23.00
3	16QAM	1	0	22.15	22.18	22.21	23.00
3		1	8	21.93	22.05	21.89	23.00
3		1	14	21.98	22.04	22.00	23.00
3		8	0	20.72	20.85	20.63	22.00
3		8	4	20.68	20.75	20.73	22.00
3		8	7	20.65	20.82	20.77	22.00
3		15	0	20.63	20.78	20.77	22.00
3	64QAM	1	0	20.89	21.03	20.89	22.00
3		1	8	20.90	21.05	20.97	22.00
3		1	14	21.02	20.96	20.91	22.00
3		8	0	19.77	19.86	19.80	21.00
3		8	4	19.64	19.82	19.67	21.00
3		8	7	19.63	19.78	19.79	21.00
3		15	0	19.70	19.83	19.74	21.00
3	256QAM	1	0	17.92	17.91	17.87	19.00
3		1	8	17.81	17.86	17.82	19.00
3		1	14	17.86	17.78	17.72	19.00
3		8	0	17.82	17.83	17.71	19.00
3		8	4	17.73	17.83	17.77	19.00
3		8	7	17.72	17.85	17.69	19.00
3		15	0	17.83	17.82	17.73	19.00
Channel				20407	20525	20643	Tune-up Limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	22.88	22.91	22.93	24.00
1.4		1	3	22.69	22.85	22.76	24.00
1.4		1	5	22.00	22.00	22.02	24.00
1.4		3	0	22.00	22.01	22.01	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.81	21.89	21.79	23.00
1.4	16QAM	1	0	22.16	22.16	22.13	23.00
1.4		1	3	21.93	22.01	21.93	23.00
1.4		1	5	21.97	22.03	21.96	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.02	21.00	23.00
1.4		3	3	21.00	21.00	21.00	23.00
1.4		6	0	20.61	20.81	20.70	22.00
1.4	64QAM	1	0	20.96	21.00	20.94	22.00
1.4		1	3	20.89	20.94	20.85	22.00
1.4		1	5	21.00	21.04	20.86	22.00
1.4		3	0	20.00	20.01	20.01	22.00
1.4		3	1	20.01	20.00	20.00	22.00
1.4		3	3	20.02	20.01	20.00	22.00
1.4		6	0	19.71	19.76	19.67	21.00
1.4	256QAM	1	0	17.96	18.02	17.83	19.00
1.4		1	3	17.73	17.86	17.89	19.00
1.4		1	5	17.73	17.88	17.71	19.00
1.4		3	0	17.76	17.79	17.74	19.00
1.4		3	1	17.85	17.93	17.82	19.00
1.4		3	3	17.82	17.89	17.73	19.00
1.4		6	0	17.76	17.86	17.84	19.00

<LTE Band 12_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.92	22.99	22.69	24.00
10		1	25	22.64	22.85	22.43	24.00
10		1	49	22.68	22.89	22.56	24.00
10		25	0	21.74	21.89	21.56	23.00
10		25	12	21.63	21.84	21.53	23.00
10		25	25	21.68	21.88	21.53	23.00
10		50	0	21.70	21.88	21.57	23.00
10	16QAM	1	0	22.26	22.36	21.94	23.00
10		1	25	22.01	22.19	21.80	23.00
10		1	49	22.18	22.28	21.87	23.00
10		25	0	20.69	20.78	20.41	22.00
10		25	12	20.73	20.81	20.42	22.00
10		25	25	20.80	20.89	20.47	22.00
10		50	0	20.66	20.83	20.54	22.00
10	64QAM	1	0	21.02	21.21	20.87	22.00
10		1	25	20.93	21.04	20.63	22.00
10		1	49	21.03	21.17	20.88	22.00
10		25	0	19.65	19.75	19.39	21.00
10		25	12	19.56	19.75	19.41	21.00
10		25	25	19.72	19.85	19.52	21.00
10		50	0	19.77	19.86	19.51	21.00
10	256QAM	1	0	17.95	18.14	17.82	19.00
10		1	25	17.89	18.03	17.73	19.00
10		1	49	17.94	18.07	17.78	19.00
10		25	0	17.76	17.86	17.54	19.00
10		25	12	17.76	17.88	17.62	19.00
10		25	25	17.86	17.94	17.58	19.00
10		50	0	17.72	17.92	17.59	19.00
Channel				23035	23095	23155	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	22.84	22.89	22.68	24.00
5		1	12	22.62	22.72	22.30	24.00
5		1	24	22.62	22.81	22.52	24.00
5		12	0	21.60	21.82	21.44	23.00
5		12	7	21.62	21.79	21.51	23.00
5		12	13	21.58	21.77	21.42	23.00
5		25	0	21.64	21.86	21.55	23.00
5	16QAM	1	0	22.18	22.27	21.93	23.00
5		1	12	21.96	22.13	21.73	23.00
5		1	24	22.08	22.13	21.84	23.00
5		12	0	20.57	20.69	20.32	22.00
5		12	7	20.63	20.80	20.37	22.00
5		12	13	20.71	20.75	20.38	22.00
5		25	0	20.56	20.71	20.53	22.00
5	64QAM	1	0	20.95	21.13	20.83	22.00
5		1	12	20.87	21.02	20.50	22.00
5		1	24	20.95	21.03	20.87	22.00
5		12	0	19.63	19.63	19.29	21.00
5		12	7	19.45	19.72	19.32	21.00
5		12	13	19.62	19.77	19.38	21.00
5		25	0	19.75	19.84	19.39	21.00
5	256QAM	1	0	17.80	18.11	17.69	19.00
5		1	12	17.83	17.99	17.70	19.00
5		1	24	17.92	17.98	17.63	19.00
5		12	0	17.71	17.81	17.41	19.00
5		12	7	17.70	17.78	17.57	19.00
5		12	13	17.79	17.85	17.55	19.00
5		25	0	17.60	17.88	17.46	19.00
Channel				23025	23095	23165	Tune-up Limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	22.87	22.93	22.55	24.00
3		1	8	22.59	22.78	22.37	24.00
3		1	14	22.56	22.88	22.53	24.00
3		8	0	21.72	21.74	21.53	23.00
3		8	4	21.60	21.81	21.38	23.00
3		8	7	21.60	21.81	21.45	23.00
3		15	0	21.58	21.79	21.50	23.00
3	16QAM	1	0	22.19	22.32	21.90	23.00
3		1	8	21.91	22.05	21.66	23.00
3		1	14	22.11	22.21	21.82	23.00
3		8	0	20.64	20.73	20.26	22.00
3		8	4	20.59	20.74	20.35	22.00
3		8	7	20.72	20.86	20.37	22.00
3		15	0	20.55	20.81	20.52	22.00
3	64QAM	1	0	21.01	21.10	20.81	22.00
3		1	8	20.86	20.89	20.52	22.00
3		1	14	20.93	21.03	20.79	22.00
3		8	0	19.52	19.70	19.34	21.00
3		8	4	19.50	19.68	19.34	21.00
3		8	7	19.58	19.74	19.41	21.00
3		15	0	19.74	19.85	19.46	21.00
3	256QAM	1	0	17.85	18.01	17.77	19.00
3		1	8	17.82	17.90	17.66	19.00
3		1	14	17.91	18.01	17.73	19.00
3		8	0	17.68	17.75	17.48	19.00
3		8	4	17.61	17.80	17.51	19.00
3		8	7	17.84	17.86	17.51	19.00
3		15	0	17.58	17.79	17.55	19.00
Channel				23017	23095	23173	Tune-up Limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	22.84	22.92	22.59	24.00
1.4		1	3	22.52	22.77	22.35	24.00
1.4		1	5	22.62	22.86	22.47	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.01	24.00
1.4		3	3	22.01	22.01	22.01	24.00
1.4		6	0	21.56	21.76	21.45	23.00
1.4	16QAM	1	0	22.18	22.29	21.84	23.00
1.4		1	3	21.90	22.13	21.68	23.00
1.4		1	5	22.11	22.19	21.77	23.00
1.4		3	0	21.00	21.00	21.00	23.00
1.4		3	1	21.02	21.01	21.00	23.00
1.4		3	3	21.02	21.00	21.01	23.00
1.4		6	0	20.61	20.76	20.52	22.00
1.4	64QAM	1	0	20.88	21.14	20.81	22.00
1.4		1	3	20.90	20.96	20.62	22.00
1.4		1	5	21.01	21.05	20.79	22.00
1.4		3	0	20.01	20.00	20.01	22.00
1.4		3	1	20.01	20.00	20.01	22.00
1.4		3	3	20.00	20.00	20.00	22.00
1.4		6	0	19.71	19.82	19.49	21.00
1.4	256QAM	1	0	17.93	18.08	17.80	19.00
1.4		1	3	17.85	17.89	17.65	19.00
1.4		1	5	17.79	17.97	17.64	19.00
1.4		3	0	17.70	17.74	17.43	19.00
1.4		3	1	17.67	17.80	17.52	19.00
1.4		3	3	17.82	17.88	17.55	19.00
1.4		6	0	17.63	17.78	17.54	19.00

<LTE Band 13_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		22.95		24.00
10		1	25		22.87		24.00
10		1	49		22.85		24.00
10		25	0		21.90		23.00
10		25	12		21.84		23.00
10		25	25		21.86		23.00
10		50	0		21.90		23.00
10	16QAM	1	0		22.33		23.00
10		1	25		22.17		23.00
10		1	49		22.15		23.00
10		25	0		20.84		22.00
10		25	12		20.88		22.00
10		25	25		20.87		22.00
10		50	0		20.91		22.00
10	64QAM	1	0		21.12		22.00
10		1	25		20.98		22.00
10		1	49		21.04		22.00
10		25	0		19.83		21.00
10		25	12		19.87		21.00
10		25	25		19.84		21.00
10		50	0		19.86		21.00
10	256QAM	1	0		18.14		19.00
10		1	25		18.07		19.00
10		1	49		18.02		19.00
10		25	0		17.93		19.00
10		25	12		17.94		19.00
10		25	25		17.93		19.00
10		50	0		17.99		19.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.86	22.92	22.90	24.00
5		1	12	22.70	22.79	22.76	24.00
5		1	24	22.70	22.88	22.75	24.00
5		12	0	21.62	21.80	21.69	23.00
5		12	7	21.58	21.79	21.65	23.00
5		12	13	21.84	21.94	21.88	23.00
5		25	0	21.76	21.92	21.85	23.00
5	16QAM	1	0	22.33	22.40	22.30	23.00
5		1	12	22.01	22.19	22.14	23.00
5		1	24	22.02	22.16	22.02	23.00
5		12	0	20.70	20.89	20.78	22.00
5		12	7	20.75	20.92	20.76	22.00
5		12	13	20.77	20.85	20.79	22.00
5		25	0	20.77	20.84	20.77	22.00
5	64QAM	1	0	20.99	21.15	21.04	22.00
5		1	12	20.84	20.97	20.91	22.00
5		1	24	20.83	20.96	20.91	22.00
5		12	0	19.74	19.90	19.80	21.00
5		12	7	19.71	19.83	19.74	21.00
5		12	13	19.77	19.89	19.73	21.00
5		25	0	19.67	19.85	19.68	21.00
5	256QAM	1	0	18.06	18.15	18.03	19.00
5		1	12	17.95	18.14	18.11	19.00
5		1	24	17.80	17.95	17.91	19.00
5		12	0	17.72	17.90	17.82	19.00
5		12	7	17.76	17.87	17.84	19.00
5		12	13	17.89	17.95	17.80	19.00
5		25	0	17.92	18.07	18.01	19.00

<LTE Band 14_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					23330		
Frequency (MHz)					793		
10	QPSK	1	0		23.01		24.00
10		1	25		22.89		24.00
10		1	49		22.91		24.00
10		25	0		21.93		23.00
10		25	12		21.91		23.00
10		25	25		21.92		23.00
10		50	0		21.96		23.00
10	16QAM	1	0		22.32		23.00
10		1	25		22.12		23.00
10		1	49		22.28		23.00
10		25	0		20.93		22.00
10		25	12		20.93		22.00
10		25	25		20.88		22.00
10		50	0		20.94		22.00
10	64QAM	1	0		21.26		22.00
10		1	25		21.10		22.00
10		1	49		21.14		22.00
10		25	0		19.92		21.00
10		25	12		19.92		21.00
10		25	25		19.87		21.00
10		50	0		19.93		21.00
10	256QAM	1	0		18.21		19.00
10		1	25		18.12		19.00
10		1	49		18.00		19.00
10		25	0		17.91		19.00
10		25	12		17.94		19.00
10		25	25		17.89		19.00
10		50	0		17.96		19.00
Channel				23305	23330	23355	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	22.93	22.96	22.86	24.00
5		1	12	22.83	22.89	22.66	24.00
5		1	24	22.84	22.89	22.77	24.00
5		12	0	21.80	21.97	21.77	23.00
5		12	7	21.80	21.97	21.75	23.00
5		12	13	21.65	21.81	21.63	23.00
5		25	0	21.81	21.91	21.73	23.00
5	16QAM	1	0	22.19	22.37	22.16	23.00
5		1	12	22.05	22.10	21.96	23.00
5		1	24	22.17	22.28	22.04	23.00
5		12	0	20.81	20.97	20.78	22.00
5		12	7	20.86	21.00	20.79	22.00
5		12	13	20.71	20.85	20.70	22.00
5		25	0	20.79	20.88	20.66	22.00
5	64QAM	1	0	21.18	21.31	21.12	22.00
5		1	12	20.98	21.05	20.93	22.00
5		1	24	21.07	21.13	20.91	22.00
5		12	0	19.77	19.90	19.69	21.00
5		12	7	19.85	19.96	19.76	21.00
5		12	13	19.77	19.84	19.73	21.00
5		25	0	19.85	19.99	19.86	21.00
5	256QAM	1	0	18.07	18.14	17.96	19.00
5		1	12	17.90	18.01	17.81	19.00
5		1	24	17.75	17.91	17.70	19.00
5		12	0	17.77	17.93	17.80	19.00
5		12	7	17.94	17.98	17.78	19.00
5		12	13	17.83	17.94	17.85	19.00
5		25	0	17.92	17.97	17.77	19.00

<LTE Band 17_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.91	22.98	22.63	24.00
10		1	25	22.80	22.96	22.60	24.00
10		1	49	22.77	22.95	22.47	24.00
10		25	0	21.75	21.93	21.49	23.00
10		25	12	21.76	21.87	21.48	23.00
10		25	25	21.76	21.92	21.54	23.00
10		50	0	21.77	21.86	21.46	23.00
10	16QAM	1	0	21.94	22.06	21.68	23.00
10		1	25	22.11	22.30	21.82	23.00
10		1	49	22.03	22.21	21.77	23.00
10		25	0	20.76	20.83	20.47	22.00
10		25	12	20.75	20.96	20.57	22.00
10		25	25	20.71	20.92	20.50	22.00
10		50	0	20.66	20.84	20.40	22.00
10	64QAM	1	0	20.75	20.91	20.54	22.00
10		1	25	21.07	21.16	20.80	22.00
10		1	49	21.09	21.19	20.86	22.00
10		25	0	19.58	19.78	19.45	21.00
10		25	12	19.72	19.93	19.50	21.00
10		25	25	19.74	19.89	19.44	21.00
10		50	0	19.67	19.85	19.43	21.00
10	256QAM	1	0	17.66	17.81	17.43	19.00
10		1	25	17.91	18.10	17.68	19.00
10		1	49	17.77	17.97	17.56	19.00
10		25	0	17.62	17.80	17.43	19.00
10		25	12	17.78	17.96	17.59	19.00
10		25	25	17.69	17.88	17.46	19.00
10		50	0	17.72	17.85	17.43	19.00
Channel				23755	23790	23825	Tune-up Limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	22.79	22.94	22.61	24.00
5		1	12	22.69	22.82	22.47	24.00
5		1	24	22.72	22.80	22.39	24.00
5		12	0	21.65	21.88	21.44	23.00
5		12	7	21.65	21.77	21.40	23.00
5		12	13	21.63	21.84	21.49	23.00
5		25	0	21.72	21.76	21.39	23.00
5	16QAM	1	0	21.87	21.92	21.59	23.00
5		1	12	22.03	22.23	21.80	23.00
5		1	24	21.92	22.15	21.63	23.00
5		12	0	20.69	20.77	20.34	22.00
5		12	7	20.72	20.87	20.48	22.00
5		12	13	20.64	20.87	20.38	22.00
5		25	0	20.65	20.82	20.34	22.00
5	64QAM	1	0	20.69	20.76	20.53	22.00
5		1	12	21.01	21.05	20.71	22.00
5		1	24	21.00	21.12	20.72	22.00
5		12	0	19.44	19.71	19.35	21.00
5		12	7	19.61	19.80	19.41	21.00
5		12	13	19.67	19.86	19.41	21.00
5		25	0	19.58	19.82	19.36	21.00
5	256QAM	1	0	17.54	17.68	17.32	19.00
5		1	12	17.82	18.09	17.61	19.00
5		1	24	17.67	17.88	17.52	19.00
5		12	0	17.50	17.75	17.37	19.00
5		12	7	17.66	17.91	17.51	19.00
5		12	13	17.65	17.80	17.38	19.00
5		25	0	17.65	17.80	17.42	19.00

<LTE Band 25_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	18.46	18.54	18.51	20.00
20		1	49	18.16	18.29	18.20	20.00
20		1	99	18.15	18.34	18.27	20.00
20		50	0	18.44	18.52	18.49	20.00
20		50	24	18.17	18.31	18.22	20.00
20		50	50	18.17	18.29	18.13	20.00
20		100	0	18.32	18.50	18.38	20.00
20	16QAM	1	0	18.24	18.37	18.32	20.00
20		1	49	18.14	18.28	18.21	20.00
20		1	99	18.33	18.49	18.32	20.00
20		50	0	18.19	18.41	18.25	20.00
20		50	24	18.26	18.48	18.31	20.00
20		50	50	18.30	18.42	18.35	20.00
20		100	0	18.14	18.36	18.30	20.00
20	64QAM	1	0	18.24	18.35	18.17	20.00
20		1	49	18.42	18.51	18.36	20.00
20		1	99	18.18	18.28	18.21	20.00
20		50	0	18.06	18.28	18.22	20.00
20		50	24	18.39	18.50	18.36	20.00
20		50	50	18.33	18.46	18.38	20.00
20		100	0	18.19	18.34	18.23	20.00
20	256QAM	1	0	17.68	17.82	17.68	19.00
20		1	49	17.69	17.82	17.70	19.00
20		1	99	17.68	17.85	17.77	19.00
20		50	0	17.65	17.84	17.66	19.00
20		50	24	17.71	17.90	17.78	19.00
20		50	50	17.68	17.80	17.64	19.00
20		100	0	17.69	17.83	17.66	19.00
Channel				26115	26340	26615	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.32	18.44	18.41	20.00
15		1	37	18.02	18.20	18.16	20.00
15		1	74	18.09	18.23	18.15	20.00
15		36	0	18.30	18.48	18.37	20.00
15		36	20	18.08	18.23	18.14	20.00
15		36	39	18.15	18.23	18.02	20.00
15		75	0	18.31	18.46	18.36	20.00
15	16QAM	1	0	18.09	18.35	18.26	20.00
15		1	37	18.06	18.18	18.15	20.00
15		1	74	18.18	18.47	18.25	20.00
15		36	0	18.14	18.39	18.23	20.00
15		36	20	18.20	18.39	18.27	20.00
15		36	39	18.20	18.41	18.32	20.00
15		75	0	18.06	18.29	18.18	20.00
15	64QAM	1	0	18.12	18.29	18.08	20.00
15		1	37	18.38	18.47	18.26	20.00
15		1	74	18.12	18.13	18.08	20.00
15		36	0	18.10	18.18	18.08	20.00
15		36	20	18.30	18.42	18.28	20.00
15		36	39	18.23	18.38	18.24	20.00
15		75	0	18.07	18.23	18.14	20.00
15	256QAM	1	0	17.16	17.26	17.17	19.00
15		1	37	17.14	17.29	17.16	19.00
15		1	74	17.19	17.31	17.27	19.00
15		36	0	17.13	17.20	17.15	19.00
15		36	20	17.22	17.30	17.18	19.00
15		36	39	17.21	17.19	17.19	19.00
15		75	0	17.23	17.22	17.17	19.00
Channel				26090	26340	26640	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	18.39	18.46	18.48	20.00
10		1	25	18.13	18.19	18.05	20.00
10		1	49	18.14	18.30	18.24	20.00
10		25	0	18.39	18.43	18.40	20.00
10		25	12	18.15	18.28	18.13	20.00
10		25	25	18.07	18.16	18.09	20.00
10		50	0	18.27	18.41	18.35	20.00
10	16QAM	1	0	18.22	18.33	18.24	20.00
10		1	25	18.08	18.22	18.12	20.00
10		1	49	18.23	18.38	18.20	20.00
10		25	0	18.12	18.32	18.16	20.00
10		25	12	18.21	18.43	18.18	20.00
10		25	25	18.16	18.37	18.26	20.00
10		50	0	18.11	18.23	18.25	20.00
10	64QAM	1	0	18.19	18.21	18.05	20.00
10		1	25	18.30	18.38	18.29	20.00
10		1	49	18.11	18.25	18.07	20.00
10		25	0	18.19	18.14	18.18	20.00
10		25	12	18.32	18.37	18.25	20.00
10		25	25	18.24	18.35	18.32	20.00
10		50	0	18.12	18.25	18.19	20.00
10	256QAM	1	0	17.14	17.23	17.07	19.00
10		1	25	17.15	17.28	17.12	19.00
10		1	49	17.20	17.26	17.15	19.00
10		25	0	17.19	17.22	17.21	19.00
10		25	12	17.12	17.31	17.24	19.00
10		25	25	17.21	17.21	17.10	19.00
10		50	0	17.12	17.28	17.13	19.00
Channel				26065	26340	26665	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.40	18.43	18.44	20.00
5		1	12	18.03	18.26	18.17	20.00
5		1	24	18.12	18.32	18.17	20.00
5		12	0	18.40	18.37	18.43	20.00
5		12	7	18.16	18.26	18.16	20.00
5		12	13	18.10	18.15	18.05	20.00
5		25	0	18.26	18.38	18.35	20.00
5	16QAM	1	0	18.10	18.22	18.27	20.00
5		1	12	18.11	18.20	18.16	20.00
5		1	24	18.30	18.48	18.29	20.00
5		12	0	18.13	18.35	18.21	20.00
5		12	7	18.13	18.35	18.24	20.00
5		12	13	18.21	18.35	18.25	20.00
5		25	0	18.07	18.27	18.19	20.00
5	64QAM	1	0	18.20	18.22	18.13	20.00
5		1	12	18.30	18.39	18.32	20.00
5		1	24	18.09	18.14	18.19	20.00
5		12	0	18.15	18.17	18.16	20.00
5		12	7	18.36	18.36	18.32	20.00
5		12	13	18.30	18.41	18.31	20.00
5		25	0	18.15	18.29	18.18	20.00
5	256QAM	1	0	17.12	17.19	17.15	19.00
5		1	12	17.19	17.18	17.16	19.00
5		1	24	17.11	17.33	17.17	19.00
5		12	0	17.14	17.30	17.17	19.00
5		12	7	17.10	17.26	17.17	19.00
5		12	13	17.15	17.28	17.19	19.00
5		25	0	17.18	17.22	17.10	19.00
Channel				26055	26340	26675	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	18.43	18.47	18.37	20.00
3		1	8	18.03	18.16	18.16	20.00
3		1	14	18.00	18.28	18.21	20.00
3		8	0	18.38	18.47	18.45	20.00
3		8	4	18.08	18.21	18.18	20.00
3		8	7	18.10	18.22	18.09	20.00
3		15	0	18.18	18.37	18.31	20.00
3	16QAM	1	0	18.16	18.23	18.29	20.00
3		1	8	18.06	18.26	18.09	20.00
3		1	14	18.21	18.39	18.26	20.00
3		8	0	18.17	18.33	18.21	20.00
3		8	4	18.17	18.44	18.25	20.00
3		8	7	18.22	18.41	18.29	20.00
3		15	0	18.00	18.24	18.23	20.00
3	64QAM	1	0	18.12	18.30	18.10	20.00
3		1	8	18.26	18.49	18.29	20.00
3		1	14	18.06	18.23	18.19	20.00
3		8	0	18.08	18.24	18.11	20.00
3		8	4	18.30	18.46	18.27	20.00
3		8	7	18.22	18.41	18.24	20.00
3		15	0	18.15	18.21	18.20	20.00
3	256QAM	1	0	17.19	17.19	17.18	19.00
3		1	8	17.19	17.25	17.22	19.00
3		1	14	17.15	17.21	17.18	19.00
3		8	0	17.19	17.28	17.18	19.00
3		8	4	17.14	17.37	17.21	19.00
3		8	7	17.21	17.16	17.17	19.00
3		15	0	17.20	17.32	17.17	19.00
Channel				26047	26340	26683	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	18.41	18.39	18.44	20.00
1.4		1	3	18.09	18.26	18.10	20.00
1.4		1	5	18.12	18.31	18.22	20.00
1.4		3	0	18.41	18.47	18.36	20.00
1.4		3	1	18.14	18.25	18.19	20.00
1.4		3	3	18.03	18.20	18.06	20.00
1.4		6	0	18.18	18.36	18.32	20.00
1.4	16QAM	1	0	18.17	18.27	18.29	20.00
1.4		1	3	18.09	18.18	18.07	20.00
1.4		1	5	18.25	18.36	18.26	20.00
1.4		3	0	18.09	18.38	18.14	20.00
1.4		3	1	18.22	18.40	18.28	20.00
1.4		3	3	18.27	18.38	18.21	20.00
1.4		6	0	18.05	18.23	18.24	20.00
1.4	64QAM	1	0	18.12	18.34	18.10	20.00
1.4		1	3	18.34	18.43	18.25	20.00
1.4		1	5	18.11	18.21	18.14	20.00
1.4		3	0	18.15	18.24	18.09	20.00
1.4		3	1	18.28	18.44	18.30	20.00
1.4		3	3	18.18	18.42	18.27	20.00
1.4		6	0	18.14	18.29	18.17	20.00
1.4	256QAM	1	0	17.14	17.21	17.07	19.00
1.4		1	3	17.21	17.24	17.21	19.00
1.4		1	5	17.15	17.32	17.14	19.00
1.4		3	0	17.13	17.25	17.14	19.00
1.4		3	1	17.17	17.34	17.18	19.00
1.4		3	3	17.18	17.24	17.18	19.00
1.4		6	0	17.14	17.25	17.10	19.00

<LTE Band 26_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.92	22.96	22.94	24.00
15		1	37	22.77	22.94	22.85	24.00
15		1	74	22.81	22.90	22.81	24.00
15		36	0	21.82	21.88	21.82	23.00
15		36	20	21.74	21.85	21.70	23.00
15		36	39	21.68	21.86	21.79	23.00
15		75	0	21.79	21.89	21.79	23.00
15	16QAM	1	0	22.21	22.29	22.22	23.00
15		1	37	22.12	22.23	22.11	23.00
15		1	74	22.08	22.23	22.14	23.00
15		36	0	20.81	20.90	20.83	22.00
15		36	20	20.75	20.88	20.72	22.00
15		36	39	20.81	20.92	20.83	22.00
15		75	0	20.74	20.89	20.80	22.00
15	64QAM	1	0	21.96	21.16	21.10	22.00
15		1	37	20.99	21.09	21.00	22.00
15		1	74	21.07	21.13	20.99	22.00
15		36	0	19.87	19.92	19.78	21.00
15		36	20	19.77	19.93	19.87	21.00
15		36	39	19.83	19.92	19.88	21.00
15		75	0	19.84	19.90	19.74	21.00
15	256QAM	1	0	18.05	18.12	18.05	19.00
15		1	37	18.00	18.13	18.07	19.00
15		1	74	18.03	18.10	17.94	19.00
15		36	0	17.89	17.96	17.89	19.00
15		36	20	17.92	17.97	17.93	19.00
15		36	39	17.80	17.96	17.86	19.00
15		75	0	17.83	17.96	17.81	19.00
Channel				26740	26865	26990	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	22.88	22.87	22.92	24.00
10		1	25	22.64	22.91	22.84	24.00
10		1	49	22.68	22.78	22.73	24.00
10		25	0	21.70	21.83	21.67	23.00
10		25	12	21.70	21.73	21.56	23.00
10		25	25	21.57	21.84	21.74	23.00
10		50	0	21.73	21.75	21.68	23.00
10	16QAM	1	0	22.07	22.18	22.19	23.00
10		1	25	22.01	22.12	22.08	23.00
10		1	49	21.99	22.09	22.03	23.00
10		25	0	20.80	20.85	20.73	22.00
10		25	12	20.69	20.79	20.58	22.00
10		25	25	20.73	20.88	20.80	22.00
10		50	0	20.68	20.87	20.71	22.00
10	64QAM	1	0	21.00	21.12	21.06	22.00
10		1	25	20.97	21.02	20.98	22.00
10		1	49	21.05	21.11	20.85	22.00
10		25	0	19.75	19.78	19.74	21.00
10		25	12	19.63	19.92	19.77	21.00
10		25	25	19.69	19.78	19.87	21.00
10		50	0	19.80	19.78	19.69	21.00
10	256QAM	1	0	17.94	18.03	17.97	19.00
10		1	25	17.90	17.98	17.97	19.00
10		1	49	17.89	18.00	17.87	19.00
10		25	0	17.84	17.91	17.75	19.00
10		25	12	17.81	17.93	17.79	19.00
10		25	25	17.70	17.91	17.76	19.00
10		50	0	17.78	17.90	17.79	19.00
Channel				26715	26865	27015	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	22.78	22.92	22.84	24.00
5		1	12	22.72	22.89	22.80	24.00
5		1	24	22.75	22.86	22.76	24.00
5		12	0	21.76	21.86	21.75	23.00
5		12	7	21.73	21.78	21.64	23.00
5		12	13	21.54	21.76	21.67	23.00
5		25	0	21.73	21.84	21.73	23.00
5	16QAM	1	0	22.10	22.18	22.08	23.00
5		1	12	22.03	22.14	22.01	23.00
5		1	24	21.94	22.14	22.04	23.00
5		12	0	20.75	20.76	20.75	22.00
5		12	7	20.69	20.84	20.63	22.00
5		12	13	20.77	20.86	20.79	22.00
5		25	0	20.62	20.74	20.67	22.00
5	64QAM	1	0	21.01	21.07	21.03	22.00
5		1	12	20.87	20.98	20.86	22.00
5		1	24	20.94	21.05	20.94	22.00
5		12	0	19.74	19.85	19.68	21.00
5		12	7	19.68	19.84	19.73	21.00
5		12	13	19.71	19.89	19.79	21.00
5		25	0	19.76	19.85	19.59	21.00
5	256QAM	1	0	17.90	18.10	17.94	19.00
5		1	12	17.93	18.00	18.03	19.00
5		1	24	17.90	18.00	17.90	19.00
5		12	0	17.83	17.82	17.88	19.00
5		12	7	17.81	17.92	17.80	19.00
5		12	13	17.72	17.94	17.80	19.00
5		25	0	17.73	17.84	17.75	19.00
Channel				26705	26865	27025	Tune-up Limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.80	22.92	22.87	24.00
3		1	8	22.73	22.91	22.78	24.00
3		1	14	22.73	22.76	22.75	24.00
3		8	0	21.71	21.74	21.69	23.00
3		8	4	21.60	21.84	21.62	23.00
3		8	7	21.57	21.81	21.72	23.00
3		15	0	21.74	21.83	21.73	23.00
3	16QAM	1	0	22.14	22.24	22.19	23.00
3		1	8	22.03	22.17	22.03	23.00
3		1	14	22.03	22.14	22.09	23.00
3		8	0	20.73	20.85	20.80	22.00
3		8	4	20.70	20.82	20.62	22.00
3		8	7	20.71	20.81	20.77	22.00
3		15	0	20.62	20.84	20.76	22.00
3	64QAM	1	0	20.95	21.02	20.97	22.00
3		1	8	20.90	21.01	20.88	22.00
3		1	14	20.94	21.12	20.93	22.00
3		8	0	19.83	19.89	19.72	21.00
3		8	4	19.70	19.82	19.82	21.00
3		8	7	19.80	19.81	19.82	21.00
3		15	0	19.82	19.83	19.71	21.00
3	256QAM	1	0	17.92	18.07	17.91	19.00
3		1	8	17.89	18.11	18.06	19.00
3		1	14	17.91	18.06	17.82	19.00
3		8	0	17.75	17.87	17.85	19.00
3		8	4	17.78	17.83	17.84	19.00
3		8	7	17.77	17.88	17.80	19.00
3		15	0	17.69	17.85	17.69	19.00
Channel				26697	26865	27033	Tune-up Limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	22.90	22.94	22.90	24.00
1.4		1	3	22.63	22.90	22.79	24.00
1.4		1	5	22.68	22.81	22.68	24.00
1.4		3	0	22.00	22.00	22.00	24.00
1.4		3	1	22.01	22.00	22.00	24.00
1.4		3	3	22.00	22.00	22.01	24.00
1.4		6	0	21.77	21.79	21.74	23.00
1.4	16QAM	1	0	22.15	22.26	22.10	23.00
1.4		1	3	22.08	22.11	22.03	23.00
1.4		1	5	21.98	22.09	22.01	23.00
1.4		3	0	21.02	21.01	21.00	23.00
1.4		3	1	21.00	21.02	21.02	23.00
1.4		3	3	21.01	21.01	21.01	23.00
1.4		6	0	20.86	20.85	20.74	22.00
1.4	64QAM	1	0	20.92	21.15	20.96	22.00
1.4		1	3	20.86	21.08	20.94	22.00
1.4		1	5	20.98	21.11	20.84	22.00
1.4		3	0	20.02	20.02	20.01	22.00
1.4		3	1	20.00	20.00	20.00	22.00
1.4		3	3	20.01	20.01	20.00	22.00
1.4		6	0	19.76	19.77	19.67	21.00
1.4	256QAM	1	0	17.94	17.97	18.03	19.00
1.4		1	3	17.96	18.05	17.97	19.00
1.4		1	5	18.00	17.98	17.93	19.00
1.4		3	0	17.76	17.83	17.88	19.00
1.4		3	1	17.80	17.91	17.88	19.00
1.4		3	3	17.70	17.95	17.77	19.00
1.4		6	0	17.71	17.85	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.16	18.18	18.11	19.50
20		1	49	18.03	18.12	17.99	19.50
20		1	99	18.01	18.15	17.93	19.50
20		50	0	18.06	18.15	18.09	19.50
20		50	24	17.88	17.98	17.78	19.50
20		50	50	17.84	17.95	17.75	19.50
20		100	0	18.08	18.11	18.03	19.50
20	16QAM	1	0	17.83	17.93	17.75	19.50
20		1	49	17.83	17.94	17.85	19.50
20		1	99	17.91	17.99	17.78	19.50
20		50	0	17.96	18.06	17.89	19.50
20		50	24	17.87	18.00	17.86	19.50
20		50	50	17.96	18.08	17.98	19.50
20		100	0	17.99	18.04	17.89	19.50
20	64QAM	1	0	17.93	18.06	17.96	19.50
20		1	49	17.90	18.03	17.90	19.50
20		1	99	17.96	18.09	18.01	19.50
20		50	0	17.82	17.94	17.82	19.50
20		50	24	17.87	17.94	17.78	19.50
20		50	50	17.99	18.05	17.96	19.50
20		100	0	17.88	17.93	17.82	19.50
20	256QAM	1	0	18.04	18.08	17.90	19.00
20		1	49	17.94	18.06	17.93	19.00
20		1	99	17.96	18.11	18.01	19.00
20		50	0	17.77	17.91	17.76	19.00
20		50	24	18.01	18.08	17.96	19.00
20		50	50	17.78	17.89	17.72	19.00
20		100	0	17.91	18.01	17.88	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.04	18.11	18.04	19.50
15		1	37	17.98	18.01	17.86	19.50
15		1	74	17.90	18.07	17.86	19.50
15		36	0	17.99	18.13	18.08	19.50
15		36	20	17.87	17.85	17.87	19.50
15		36	39	17.77	17.90	17.65	19.50
15		75	0	17.94	18.00	18.02	19.50
15	16QAM	1	0	17.80	17.89	17.71	19.50
15		1	37	17.72	17.88	17.80	19.50
15		1	74	17.79	17.86	17.65	19.50
15		36	0	17.83	17.96	17.88	19.50
15		36	20	17.83	17.99	17.79	19.50
15		36	39	17.87	18.04	17.91	19.50
15		75	0	17.88	17.95	17.79	19.50
15	64QAM	1	0	17.90	17.96	17.90	19.50
15		1	37	17.79	17.94	17.80	19.50
15		1	74	17.82	17.97	17.92	19.50
15		36	0	17.69	17.87	17.74	19.50
15		36	20	17.76	17.89	17.65	19.50
15		36	39	17.97	17.90	17.87	19.50
15		75	0	17.78	17.84	17.77	19.50
15	256QAM	1	0	17.28	17.43	17.37	19.00
15		1	37	17.35	17.60	17.43	19.00
15		1	74	17.21	17.53	17.39	19.00
15		36	0	17.24	17.40	17.23	19.00
15		36	20	17.18	17.39	17.38	19.00
15		36	39	17.32	17.36	17.21	19.00
15		75	0	17.27	17.42	17.30	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.09	18.11	17.97	19.50
10		1	25	17.95	18.03	17.92	19.50
10		1	49	17.96	18.08	17.85	19.50
10		25	0	18.00	18.11	18.00	19.50
10		25	12	17.77	17.84	17.76	19.50
10		25	25	17.74	17.81	17.63	19.50
10		50	0	18.05	18.02	17.95	19.50
10	16QAM	1	0	17.70	17.88	17.74	19.50
10		1	25	17.74	17.88	17.73	19.50
10		1	49	17.85	17.87	17.66	19.50
10		25	0	17.88	18.04	17.74	19.50
10		25	12	17.80	17.91	17.72	19.50
10		25	25	17.93	17.94	17.96	19.50
10		50	0	17.89	17.94	17.82	19.50
10	64QAM	1	0	17.84	17.96	17.82	19.50
10		1	25	17.84	18.01	17.78	19.50
10		1	49	17.95	18.05	17.98	19.50
10		25	0	17.69	17.79	17.71	19.50
10		25	12	17.79	17.80	17.63	19.50
10		25	25	17.96	17.92	17.82	19.50
10		50	0	17.87	17.87	17.75	19.50
10	256QAM	1	0	17.34	17.45	17.36	19.00
10		1	25	17.45	17.57	17.45	19.00
10		1	49	17.19	17.50	17.43	19.00
10		25	0	17.25	17.36	17.28	19.00
10		25	12	17.21	17.41	17.41	19.00
10		25	25	17.33	17.40	17.24	19.00
10		50	0	17.16	17.41	17.42	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.02	18.08	18.06	19.50
5		1	12	17.96	18.08	17.89	19.50
5		1	24	18.00	18.01	17.90	19.50
5		12	0	18.05	18.10	18.01	19.50
5		12	7	17.84	17.94	17.66	19.50
5		12	13	17.82	17.89	17.62	19.50
5		25	0	18.02	18.01	18.02	19.50
5	16QAM	1	0	17.81	17.90	17.64	19.50
5		1	12	17.69	17.87	17.83	19.50
5		1	24	17.77	17.85	17.77	19.50
5		12	0	17.92	17.97	17.82	19.50
5		12	7	17.79	17.88	17.80	19.50
5		12	13	17.92	18.06	17.86	19.50
5		25	0	17.87	18.02	17.81	19.50
5	64QAM	1	0	17.94	17.97	17.95	19.50
5		1	12	17.76	17.99	17.85	19.50
5		1	24	17.92	17.95	17.86	19.50
5		12	0	17.78	17.91	17.70	19.50
5		12	7	17.85	17.92	17.71	19.50
5		12	13	17.90	17.93	17.83	19.50
5		25	0	17.84	17.90	17.71	19.50
5	256QAM	1	0	17.42	17.52	17.39	19.00
5		1	12	17.47	17.49	17.45	19.00
5		1	24	17.26	17.49	17.39	19.00
5		12	0	17.19	17.35	17.30	19.00
5		12	7	17.16	17.45	17.40	19.00
5		12	13	17.28	17.43	17.26	19.00
5		25	0	17.17	17.43	17.37	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.14	18.05	18.09	19.50
3		1	8	18.01	18.00	17.93	19.50
3		1	14	17.91	18.13	17.84	19.50
3		8	0	17.97	18.02	17.95	19.50
3		8	4	17.86	17.83	17.63	19.50
3		8	7	17.78	17.89	17.64	19.50
3		15	0	18.06	18.04	17.99	19.50
3	16QAM	1	0	17.78	17.82	17.72	19.50
3		1	8	17.70	17.79	17.82	19.50
3		1	14	17.80	17.84	17.66	19.50
3		8	0	17.84	18.01	17.80	19.50
3		8	4	17.83	17.88	17.74	19.50
3		8	7	17.88	18.04	17.87	19.50
3		15	0	17.87	17.93	17.77	19.50
3	64QAM	1	0	17.86	17.94	17.82	19.50
3		1	8	17.89	17.89	17.81	19.50
3		1	14	17.92	17.98	17.88	19.50
3		8	0	17.72	17.82	17.74	19.50
3		8	4	17.86	17.82	17.72	19.50
3		8	7	17.89	17.93	17.83	19.50
3		15	0	17.79	17.85	17.67	19.50
3	256QAM	1	0	17.33	17.53	17.35	19.00
3		1	8	17.35	17.50	17.40	19.00
3		1	14	17.31	17.49	17.47	19.00
3		8	0	17.28	17.38	17.34	19.00
3		8	4	17.18	17.50	17.45	19.00
3		8	7	17.36	17.37	17.28	19.00
3		15	0	17.29	17.49	17.36	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.04	18.12	17.98	19.50
1.4		1	3	17.98	18.00	17.94	19.50
1.4		1	5	17.98	18.09	17.90	19.50
1.4		3	0	18.05	18.13	17.98	19.50
1.4		3	1	17.81	17.90	17.66	19.50
1.4		3	3	17.79	17.80	17.74	19.50
1.4		6	0	17.94	18.08	17.96	19.50
1.4	16QAM	1	0	17.80	17.91	17.63	19.50
1.4		1	3	17.81	17.81	17.83	19.50
1.4		1	5	17.83	17.92	17.76	19.50
1.4		3	0	17.86	17.98	17.86	19.50
1.4		3	1	17.73	17.94	17.72	19.50
1.4		3	3	17.94	17.99	17.86	19.50
1.4		6	0	17.97	17.98	17.80	19.50
1.4	64QAM	1	0	17.88	17.95	17.87	19.50
1.4		1	3	17.83	17.94	17.83	19.50
1.4		1	5	17.95	17.96	17.91	19.50
1.4		3	0	17.73	17.93	17.76	19.50
1.4		3	1	17.75	17.86	17.72	19.50
1.4		3	3	17.91	17.96	17.87	19.50
1.4		6	0	17.77	17.79	17.75	19.50
1.4	256QAM	1	0	17.40	17.49	17.44	19.00
1.4		1	3	17.47	17.57	17.48	19.00
1.4		1	5	17.30	17.52	17.46	19.00
1.4		3	0	17.18	17.39	17.31	19.00
1.4		3	1	17.17	17.48	17.42	19.00
1.4		3	3	17.34	17.42	17.23	19.00
1.4		6	0	17.18	17.48	17.30	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	22.90	22.95	22.90	24.00
20		1	49	22.69	22.88	22.72	24.00
20		1	99	22.76	22.88	22.79	24.00
20		50	0	21.86	21.92	21.80	23.00
20		50	24	21.70	21.89	21.74	23.00
20		50	50	21.74	21.87	21.78	23.00
20		100	0	21.78	21.89	21.79	23.00
20	16QAM	1	0	22.24	22.33	22.21	23.00
20		1	49	22.07	22.16	22.02	23.00
20		1	99	22.04	22.16	22.10	23.00
20		50	0	20.81	20.91	20.82	22.00
20		50	24	20.71	20.87	20.74	22.00
20		50	50	20.76	20.86	20.79	22.00
20		100	0	20.76	20.89	20.73	22.00
20	64QAM	1	0	21.04	21.14	20.95	22.00
20		1	49	21.06	21.19	21.09	22.00
20		1	99	20.94	21.10	20.95	22.00
20		50	0	19.87	19.97	19.80	21.00
20		50	24	19.79	19.94	19.77	21.00
20		50	50	19.84	19.92	19.82	21.00
20		100	0	19.83	19.94	19.83	21.00
20	256QAM	1	0	17.92	18.09	18.01	19.00
20		1	49	17.85	18.01	17.95	19.00
20		1	99	17.89	17.97	17.83	19.00
20		50	0	17.82	17.97	17.90	19.00
20		50	24	17.74	17.93	17.76	19.00
20		50	50	17.76	17.88	17.72	19.00
20		100	0	17.87	17.95	17.76	19.00
Channel				133197	133297	133397	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	22.88	22.94	22.83	24.00
15		1	37	22.58	22.76	22.58	24.00
15		1	74	22.73	22.76	22.66	24.00
15		36	0	21.73	21.88	21.72	23.00
15		36	20	21.58	21.83	21.64	23.00
15		36	39	21.61	21.84	21.73	23.00
15		75	0	21.72	21.75	21.74	23.00
15	16QAM	1	0	22.19	22.30	22.17	23.00
15		1	37	21.96	22.04	22.00	23.00
15		1	74	21.91	22.07	21.96	23.00
15		36	0	20.76	20.80	20.72	22.00
15		36	20	20.58	20.81	20.60	22.00
15		36	39	20.68	20.83	20.68	22.00
15		75	0	20.63	20.86	20.71	22.00
15	64QAM	1	0	21.03	21.07	20.88	22.00
15		1	37	20.94	21.17	21.08	22.00
15		1	74	20.81	21.06	20.89	22.00
15		36	0	19.81	19.91	19.79	21.00
15		36	20	19.77	19.80	19.71	21.00
15		36	39	19.73	19.83	19.70	21.00
15		75	0	19.69	19.80	19.71	21.00
15	256QAM	1	0	17.85	18.04	17.96	19.00
15		1	37	17.76	17.90	17.87	19.00
15		1	74	17.82	17.96	17.69	19.00
15		36	0	17.69	17.82	17.88	19.00
15		36	20	17.68	17.85	17.64	19.00
15		36	39	17.67	17.78	17.71	19.00
15		75	0	17.74	17.91	17.74	19.00
Channel				133172	133297	133422	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	22.82	22.84	22.86	24.00
10		1	25	22.57	22.86	22.58	24.00
10		1	49	22.74	22.77	22.71	24.00
10		25	0	21.77	21.82	21.76	23.00
10		25	12	21.62	21.79	21.66	23.00
10		25	25	21.67	21.74	21.71	23.00
10		50	0	21.72	21.83	21.75	23.00
10	16QAM	1	0	22.19	22.25	22.18	23.00
10		1	25	21.97	22.03	21.91	23.00
10		1	49	21.96	22.12	22.03	23.00
10		25	0	20.87	20.88	20.76	22.00
10		25	12	20.58	20.79	20.68	22.00
10		25	25	20.62	20.79	20.75	22.00
10		50	0	20.65	20.82	20.59	22.00
10	64QAM	1	0	20.95	21.00	20.81	22.00
10		1	25	20.94	21.15	21.05	22.00
10		1	49	20.88	20.97	20.87	22.00
10		25	0	19.83	19.94	19.77	21.00
10		25	12	19.77	19.85	19.66	21.00
10		25	25	19.70	19.77	19.68	21.00
10		50	0	19.69	19.83	19.70	21.00
10	256QAM	1	0	17.86	18.02	17.98	19.00
10		1	25	17.82	17.86	17.86	19.00
10		1	49	17.78	17.95	17.72	19.00
10		25	0	17.69	17.93	17.76	19.00
10		25	12	17.68	17.82	17.72	19.00
10		25	25	17.70	17.83	17.66	19.00
10		50	0	17.81	17.90	17.74	19.00
Channel				133147	133297	133447	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	22.80	22.93	22.77	24.00
5		1	12	22.62	22.86	22.65	24.00
5		1	24	22.64	22.75	22.67	24.00
5		12	0	21.80	21.78	21.66	23.00
5		12	7	21.58	21.83	21.65	23.00
5		12	13	21.60	21.84	21.66	23.00
5		25	0	21.73	21.83	21.64	23.00
5	16QAM	1	0	22.20	22.28	22.09	23.00
5		1	12	21.92	22.09	21.91	23.00
5		1	24	21.94	22.13	21.96	23.00
5		12	0	20.70	20.76	20.74	22.00
5		12	7	20.60	20.78	20.69	22.00
5		12	13	20.66	20.72	20.77	22.00
5		25	0	20.62	20.81	20.68	22.00
5	64QAM	1	0	20.99	21.04	20.92	22.00
5		1	12	20.97	21.17	20.98	22.00
5		1	24	20.85	21.07	20.89	22.00
5		12	0	19.80	19.92	19.69	21.00
5		12	7	19.73	19.92	19.70	21.00
5		12	13	19.76	19.85	19.69	21.00
5		25	0	19.82	19.81	19.76	21.00
5	256QAM	1	0	17.83	18.01	17.86	19.00
5		1	12	17.75	17.96	17.88	19.00
5		1	24	17.76	17.83	17.71	19.00
5		12	0	17.80	17.95	17.77	19.00
5		12	7	17.72	17.87	17.69	19.00
5		12	13	17.74	17.81	17.67	19.00
5		25	0	17.72	17.89	17.73	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	20.13	20.19	20.07	21.30
50		1	135	20.04	20.00	20.04	21.30
50		1	268	20.07	20.17	19.87	21.30
50	Pi/2 BPSK	135	0	20.04	20.13	20.13	21.30
50		135	68	19.98	20.15	19.87	21.30
50		135	135	20.02	20.05	20.07	21.30
50		270	0	20.13	20.11	19.95	21.30
50		1	1	19.92	20.14	19.99	21.30
50		1	135	20.09	20.18	19.99	21.30
50		1	268	20.09	20.13	19.86	21.30
50	QPSK	135	0	20.02	19.99	19.97	21.30
50		135	68	20.04	20.17	20.07	21.30
50		135	135	19.95	19.98	20.04	21.30
50		270	0	20.11	20.09	19.90	21.30
50	16QAM	1	1	19.97	20.08	20.01	21.30
50	64QAM	1	1	19.96	20.13	20.00	21.30
50	256QAM	1	1	18.04	18.26	18.09	19.50
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	20.00	20.09	19.94	21.30
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	20.01	20.08	20.01	21.30
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	20.01	20.08	19.94	21.30
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	19.99	20.04	20.01	21.30
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	20.05	20.14	19.97	21.30
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	20.10	20.11	19.99	21.30
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	20.10	20.15	19.93	21.30
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	20.10	20.18	20.05	21.30

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10		1	1		21.16		22.50
10		1	26		20.86		22.50
10		1	50		21.02		22.50
10	Pi/2 BPSK	25	0		20.88		22.50
10		25	14		21.15		22.50
10		25	27		21.03		22.50
10		50	0		21.11		22.50
10		1	1		20.94		22.50
10		1	26		20.96		22.50
10		1	50		20.89		22.50
10	QPSK	25	0		20.88		22.50
10		25	14		20.90		22.50
10		25	27		20.92		22.50
10		50	0		20.91		22.50
10	16QAM	1	1		21.07		22.50
10	64QAM	1	1		20.37		21.50
10	256QAM	1	1		18.43		19.50
Channel				461500	462000	462500	Tune-up Limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	Pi/2 BPSK	1	1	21.09	21.13	21.03	22.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				508202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.01	21.00	21.05	22.00
100		1	137	20.78	20.89	20.80	22.00
100		1	271	20.70	20.80	20.73	22.00
100	PI/2 BPSK	135	0	20.57	20.80	20.66	22.00
100		135	69	20.98	21.06	20.91	22.00
100		135	138	20.76	20.94	20.76	22.00
100		270	0	20.85	21.03	20.91	22.00
100		1	1	20.76	20.92	20.85	22.00
100		1	137	20.79	20.91	20.72	22.00
100		1	271	20.77	20.95	20.79	22.00
100	QPSK	135	0	20.80	20.98	20.89	22.00
100		135	69	20.84	20.99	20.86	22.00
100		135	138	20.88	20.99	20.92	22.00
100		270	0	20.79	20.97	20.81	22.00
100	16QAM	1	1	20.70	20.85	20.75	22.00
100	64QAM	1	1	20.80	20.91	20.83	22.00
100	256QAM	1	1	20.75	20.97	20.86	22.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.92	21.03	20.99	22.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.99	20.98	20.95	22.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.96	21.02	21.00	22.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.97	21.07	20.95	22.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.94	21.04	20.99	22.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.91	20.99	21.01	22.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.99	21.08	20.93	22.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.92	20.95	20.99	22.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.97	20.99	20.97	22.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.97	21.02	20.98	22.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.94	21.03	21.03	22.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.00	21.04	20.97	22.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.98	21.02	20.91	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.95	24.02	23.97	25.00
100		1	137	23.68	23.80	23.66	25.00
100		1	271	23.55	23.76	23.65	25.00
100	PI/2 BPSK	135	0	23.67	23.87	23.70	25.00
100		135	69	23.91	23.99	23.94	25.00
100		135	138	23.69	23.89	23.78	25.00
100		270	0	23.87	23.95	23.78	25.00
100		1	1	23.84	23.93	23.74	25.00
100		1	137	23.74	23.90	23.82	25.00
100		1	271	23.63	23.84	23.70	25.00
100	QPSK	135	0	23.67	23.89	23.71	25.00
100		135	69	23.60	23.79	23.68	25.00
100		135	138	23.83	23.95	23.89	25.00
100		270	0	23.72	23.93	23.78	25.00
100	16QAM	1	1	23.67	23.77	23.68	25.00
100	64QAM	1	1	22.58	22.74	22.57	24.50
100	256QAM	1	1	21.21	21.35	21.24	22.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.85	24.01	23.85	25.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.91	23.94	23.87	25.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.89	23.98	23.93	25.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.81	23.90	23.84	25.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.88	23.92	23.87	25.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.89	23.88	23.93	25.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.90	23.88	23.95	25.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.83	23.96	23.88	25.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.94	23.95	23.88	25.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.87	23.89	23.94	25.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.94	23.94	23.88	25.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.87	23.99	23.85	25.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.92	23.94	23.83	25.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.31	18.60	18.59	19.00
40		1	53	18.18	18.58	18.40	19.00
40		1	104	18.11	18.51	18.27	19.00
40	Pi/2 BPSK	50	0	16.08	16.45	16.35	17.00
40		50	28	18.14	18.54	18.35	19.00
40		50	56	16.13	16.49	16.33	17.00
40		100	0	16.24	16.51	16.35	17.00
40		1	1	18.15	18.45	18.24	19.00
40		1	53	18.16	18.53	18.35	19.00
40		1	104	18.16	18.51	18.27	19.00
40	QPSK	50	0	15.15	15.48	15.38	16.00
40		50	28	18.13	18.54	18.34	19.00
40		50	56	15.21	15.51	15.33	16.00
40		100	0	15.14	15.52	15.29	16.00
40	16QAM	1	1	17.25	17.60	17.39	18.00
40	64QAM	1	1	15.51	15.77	15.54	16.50
40	256QAM	1	1	13.45	13.71	13.61	14.50
Channel				637668	641666	645666	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	Pi/2 BPSK	1	1	18.28	18.58	18.44	19.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	Pi/2 BPSK	1	1	18.29	18.54	18.38	19.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	Pi/2 BPSK	1	1	18.22	18.58	18.44	19.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3550	3624.99	3699.98	
10	Pi/2 BPSK	1	1	18.20	18.47	18.46	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.35		19.00
100		1	137		18.28		19.00
100		1	271		18.34		19.00
100	Pi/2 BPSK	135	0		18.17		19.00
100		135	69		18.28		19.00
100		135	138		18.26		19.00
100		270	0		18.23		19.00
100		1	1		18.03		19.00
100		1	137		18.25		19.00
100		1	271		18.30		19.00
100	QPSK	135	0		18.19		19.00
100		135	69		18.28		19.00
100		135	138		18.32		19.00
100		270	0		18.27		19.00
100	16QAM	1	1		18.20		19.00
100	64QAM	1	1		17.88		19.00
100	256QAM	1	1		16.34		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.16	18.30	18.28	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.03	18.25	18.23	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.04	18.19	18.18	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.14	18.21	18.23	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.08	18.25	18.21	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.01	18.20	18.14	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.09	18.21	18.20	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.09	18.16	18.14	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.05	18.26	18.19	19.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.14	18.18	18.24	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.03	18.26	18.15	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.26		22.00
100		1	137		21.13		22.00
100		1	271		21.10		22.00
100	PI/2 BPSK	135	0		20.67		21.50
100		135	69		21.08		22.00
100		135	138		20.75		21.50
100		270	0		20.73		21.50
100		1	1		20.81		22.00
100		1	137		21.07		22.00
100		1	271		21.11		22.00
100	QPSK	135	0		20.27		21.00
100		135	69		21.25		22.00
100		135	138		20.42		21.00
100		270	0		20.28		21.00
100	16QAM	1	1		20.17		21.00
100	64QAM	1	1		18.33		19.50
100	256QAM	1	1		16.48		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.16	21.25	21.18	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.14	21.16	21.07	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.03	21.13	21.15	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.10	21.12	21.15	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.02	21.17	21.10	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.02	21.21	21.06	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.13	21.13	21.08	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.15	21.17	21.04	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.05	21.16	21.10	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.11	21.23	21.04	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.13	21.13	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	18.15	18.20	17.68	17.92	19.00
100		1	137	17.62	18.05	17.55	17.78	19.00
100		1	271	17.47	18.19	17.47	17.84	19.00
100	PI/2 BPSK	135	0	17.56	17.90	17.43	17.62	18.50
100		135	69	17.40	18.05	17.39	17.67	19.00
100		135	138	17.53	18.08	17.39	17.61	18.50
100		270	0	17.60	17.94	17.42	17.71	18.50
100		1	1	17.21	17.87	17.28	17.58	19.00
100		1	137	17.48	18.08	17.47	17.75	19.00
100		1	271	17.64	18.03	17.53	17.81	19.00
100	QPSK	135	0	17.01	17.16	17.37	17.71	18.00
100		135	69	17.24	17.97	17.26	17.67	19.00
100		135	138	17.10	17.09	17.45	17.78	18.00
100		270	0	17.08	17.11	17.55	17.76	18.00
100	16QAM	1	1	17.07	16.96	17.47	17.68	18.00
100	64QAM	1	1	15.65	15.64	15.49	17.46	16.50
100	256QAM	1	1	13.56	13.15	13.45	15.90	14.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.79	17.82	17.55	17.78	19.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	17.78	17.83	17.63	17.86	19.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.88	17.93	17.62	17.87	19.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.80	17.95	17.54	17.88	19.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.79	17.90	17.63	17.81	19.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.87	17.84	17.62	17.89	19.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.78	17.86	17.66	17.87	19.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.76	17.91	17.58	17.85	19.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.85	17.88	17.65	17.91	19.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.83	17.87	17.66	17.88	19.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.80	17.96	17.63	17.77	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	21.08	21.18	20.76	20.84	22.00
100		1	137	20.96	21.07	20.55	20.55	22.00
100		1	271	20.76	20.85	20.40	20.40	22.00
100	PI/2 BPSK	135	0	20.60	20.67	20.13	20.13	21.50
100		135	69	20.89	21.04	20.52	20.52	22.00
100		135	138	20.46	20.52	20.08	20.08	21.50
100		270	0	20.45	20.63	20.12	20.12	21.50
100		1	1	20.84	20.97	20.49	20.49	22.00
100		1	137	20.85	20.94	20.45	20.45	22.00
100		1	271	20.56	20.67	20.20	20.20	22.00
100	QPSK	135	0	19.92	20.05	19.55	19.55	21.00
100		135	69	21.11	21.17	20.64	20.64	22.00
100		135	138	19.82	19.91	19.39	19.39	21.00
100		270	0	19.93	19.99	19.56	19.56	21.00
100	16QAM	1	1	20.04	20.15	19.72	19.72	21.00
100	64QAM	1	1	18.19	18.37	17.92	17.92	19.50
100	256QAM	1	1	16.39	16.54	16.15	16.15	17.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.80	20.91	20.73	20.73	22.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	20.80	20.93	20.63	20.78	22.00
Channel				649000	655168	661334	663500	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.86	20.88	20.63	20.83	22.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3943.98	
60	PI/2 BPSK	1	1	20.90	20.94	20.74	20.79	22.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.81	20.96	20.72	20.72	22.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.86	20.92	20.73	20.69	22.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.78	20.91	20.61	20.73	22.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.82	20.88	20.63	20.78	22.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.78	20.95	20.75	20.80	22.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.87	20.92	20.63	20.82	22.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.80	20.93	20.67	20.79	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		18.49		19.00
100		1	137		18.34		19.00
100		1	271		18.38		19.00
100	PI/2 BPSK	135	0		18.19		19.00
100		135	69		18.36		19.00
100		135	138		18.31		19.00
100		270	0		18.23		19.00
100		1	1		18.07		19.00
100		1	137		18.35		19.00
100		1	271		18.40		19.00
100	QPSK	135	0		18.24		19.00
100		135	69		18.34		19.00
100		135	138		18.36		19.00
100		270	0		18.28		19.00
100	16QAM	1	1		18.25		19.00
100	64QAM	1	1		17.92		19.00
100	256QAM	1	1		16.40		17.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.36	18.48	18.33	19.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.22	18.37	18.30	19.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.34	18.37	18.26	19.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.28	18.35	18.21	19.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.24	18.41	18.29	19.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.32	18.36	18.32	19.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.30	18.46	18.30	19.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.30	18.34	18.21	19.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.26	18.43	18.18	19.00
Channel				630500	633332	636168	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.35	18.33	18.20	19.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.24	18.38	18.23	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		21.36		22.00
100		1	137		21.11		22.00
100		1	271		21.30		22.00
100	Pi/2 BPSK	135	0		20.74		21.50
100		135	69		21.30		22.00
100		135	138		20.88		21.50
100		270	0		20.85		21.50
100		1	1		20.97		22.00
100		1	137		21.14		22.00
100		1	271		21.24		22.00
100	QPSK	135	0		20.38		21.00
100		135	69		21.35		22.00
100		135	138		20.45		21.00
100		270	0		20.38		21.00
100	16QAM	1	1		20.20		21.00
100	64QAM	1	1		18.38		19.50
100	256QAM	1	1		16.56		17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	21.20	21.34	21.28	22.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.16	21.21	21.25	22.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.06	21.32	21.14	22.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.14	21.19	21.25	22.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.05	21.27	21.25	22.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.16	21.25	21.22	22.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.14	21.19	21.26	22.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.15	21.30	21.24	22.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.12	21.24	21.18	22.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.09	21.31	21.16	22.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.15	21.31	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		18.58		19.00
100		1	137		18.41		19.00
100		1	271		18.23		19.00
100	Pi/2 BPSK	135	0		18.49		19.00
100		135	69		18.50		19.00
100		135	138		18.27		19.00
100		270	0		18.36		19.00
100		1	1		18.47		19.00
100		1	137		18.40		19.00
100		1	271		18.22		19.00
100	QPSK	135	0		18.56		19.00
100		135	69		18.42		19.00
100		135	138		18.26		19.00
100		270	0		18.42		19.00
100	16QAM	1	1		18.52		19.00
100	64QAM	1	1		18.30		19.00
100	256QAM	1	1		16.78		17.00
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	18.52	18.56	18.55	19.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	18.46	18.53	18.54	19.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	18.39	18.46	18.49	19.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	18.41	18.41	18.42	19.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	18.45	18.55	18.47	19.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	18.41	18.43	18.47	19.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	18.48	18.51	18.45	19.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	18.40	18.42	18.48	19.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	18.42	18.43	18.50	19.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	18.40	18.51	18.47	19.00
Channel				647002	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	18.45	18.50	18.53	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.38		22.00
100		1	137		21.29		22.00
100		1	271		21.18		22.00
100		135	0		21.08		21.50
100		135	69		21.27		22.00
100		135	138		20.89		21.50
100		270	0		20.98		21.50
100	QPSK	1	1		21.29		22.00
100		1	137		21.25		22.00
100		1	271		21.01		22.00
100		135	0		20.54		21.00
100		135	69		21.37		22.00
100		135	138		20.40		21.00
100		270	0		20.53		21.00
100	16QAM	1	1		20.53		21.00
100	64QAM	1	1		18.68		19.50
100	256QAM	1	1		16.88		17.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.30	21.36	21.32	22.00
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.27	21.29	21.18	22.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.20	21.28	21.25	22.00
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.15	21.28	21.23	22.00
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.22	21.27	21.17	22.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.23	21.22	21.28	22.00
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	21.21	21.34	21.20	22.00
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	21.29	21.25	21.26	22.00
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.27	21.21	21.25	22.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.22	21.22	21.26	22.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.16	21.26	21.25	22.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	14.09	14.18	14.14	15.00
100		1	137	13.80	13.98	13.89	15.00
100		1	271	13.78	13.97	13.85	15.00
100	Pi/2 BPSK	135	0	13.82	14.00	13.86	15.00
100		135	69	14.05	14.15	14.11	15.00
100		135	138	14.00	14.12	13.97	15.00
100		270	0	13.96	14.12	14.02	15.00
100		1	1	13.90	14.11	13.95	15.00
100		1	137	13.85	13.97	13.90	15.00
100		1	271	13.96	14.08	13.94	15.00
100	QPSK	135	0	13.90	14.05	13.88	15.00
100		135	69	13.72	13.95	13.77	15.00
100		135	138	13.97	14.09	14.00	15.00
100		270	0	13.92	14.07	14.00	15.00
100	16QAM	1	1	13.87	14.00	13.88	15.00
100	64QAM	1	1	13.95	14.11	14.00	15.00
100	256QAM	1	1	14.02	14.12	14.04	15.00
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	13.98	14.06	14.12	15.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	14.03	14.12	14.07	15.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	13.98	14.10	14.07	15.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	14.07	14.17	14.01	15.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	14.00	14.03	14.12	15.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	14.03	14.03	14.02	15.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	14.00	14.05	14.07	15.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	13.96	14.16	14.07	15.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	14.02	14.12	14.11	15.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	13.97	14.06	14.05	15.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	14.05	14.15	14.00	15.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	14.02	14.12	14.12	15.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	14.03	14.06	14.03	15.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	17.01	17.09	16.97	18.00
100		1	137	16.83	16.82	16.82	18.00
100		1	271	16.88	16.89	16.86	18.00
100	Pi/2 BPSK	135	0	16.86	16.97	16.78	18.00
100		135	69	16.99	17.06	16.92	18.00
100		135	138	16.58	16.80	16.64	18.00
100		270	0	16.92	17.04	16.80	18.00
100		1	1	16.85	16.94	16.74	18.00
100		1	137	16.68	16.83	16.63	18.00
100		1	271	16.79	16.93	16.76	18.00
100	QPSK	135	0	16.85	17.01	16.74	18.00
100		135	69	16.71	16.92	16.68	18.00
100		135	138	16.82	16.96	16.80	18.00
100		270	0	16.80	16.98	16.80	18.00
100	16QAM	1	1	16.77	16.90	16.67	18.00
100	64QAM	1	1	16.65	16.80	16.59	18.00
100	256QAM	1	1	16.71	16.91	16.67	18.00
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	16.87	17.04	16.94	18.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	16.97	17.01	16.84	18.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	16.92	17.03	16.94	18.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	16.93	17.03	16.91	18.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	17.00	17.07	16.82	18.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	16.99	16.99	16.93	18.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	16.93	16.99	16.96	18.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	16.99	17.03	16.90	18.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	16.88	17.05	16.84	18.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	16.99	16.96	16.92	18.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	16.91	17.03	16.87	18.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	16.96	16.95	16.86	18.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	16.92	17.07	16.85	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	18.57	18.80	18.59	20.00
40		1	53	18.47	18.77	18.44	20.00
40		1	104	18.24	18.62	18.39	20.00
40	PI/2 BPSK	50	0	16.43	16.65	16.33	18.00
40		50	28	18.42	18.69	18.36	20.00
40		50	56	16.37	16.65	16.37	18.00
40		100	0	16.33	16.65	16.39	18.00
40		1	1	18.34	18.63	18.36	20.00
40		1	53	18.49	18.75	18.52	20.00
40		1	104	18.35	18.63	18.39	20.00
40	QPSK	50	0	15.37	15.64	15.37	17.00
40		50	28	18.41	18.70	18.39	20.00
40		50	56	15.34	15.66	15.41	17.00
40		100	0	15.35	15.66	15.40	17.00
40	16QAM	1	1	17.48	17.82	17.52	19.00
40	64QAM	1	1	15.66	15.96	15.72	17.50
40	256QAM	1	1	13.68	13.90	13.65	15.50
Channel				637668	641666	645664	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.56	18.74	18.44	20.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.42	18.72	18.56	20.00
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.77	18.51	20.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.43	18.66	18.51	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		10.06		10.50
100		1	137		9.97		10.50
100		1	271		9.99		10.50
100	PI/2 BPSK	135	0		9.92		10.50
100		135	69		10.02		10.50
100		135	138		9.96		10.50
100		270	0		9.94		10.50
100		1	1		9.85		10.50
100		1	137		9.94		10.50
100		1	271		10.02		10.50
100	QPSK	135	0		9.99		10.50
100		135	69		9.99		10.50
100		135	138		9.98		10.50
100		270	0		10.02		10.50
100	16QAM	1	1		10.04		10.50
100	64QAM	1	1		9.94		10.50
100	256QAM	1	1		9.97		10.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	10.00	10.01	9.98	10.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	9.89	9.89	9.90	10.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	9.93	9.95	9.94	10.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	9.94	9.86	9.89	10.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	9.98	9.95	9.86	10.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	9.92	9.98	9.94	10.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	9.94	9.97	9.87	10.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	9.95	9.93	9.87	10.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	9.96	9.93	9.95	10.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	9.93	9.91	9.94	10.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	9.94	9.89	9.83	10.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		13.00		13.50
100		1	137		12.74		13.50
100		1	271		12.76		13.50
100	PI/2 BPSK	135	0		12.66		13.50
100		135	69		12.93		13.50
100		135	138		12.52		13.50
100		270	0		12.64		13.50
100		1	1		12.68		13.50
100		1	137		12.69		13.50
100		1	271		12.70		13.50
100	QPSK	135	0		12.43		13.50
100		135	69		12.92		13.50
100		135	138		12.63		13.50
100		270	0		12.61		13.50
100	16QAM	1	1		12.55		13.50
100	64QAM	1	1		12.52		13.50
100	256QAM	1	1		12.56		13.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	12.67	12.72	12.69	13.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	12.60	12.62	12.61	13.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	12.58	12.68	12.59	13.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	12.61	12.61	12.67	13.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	12.63	12.69	12.54	13.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	12.57	12.64	12.62	13.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	12.61	12.62	12.67	13.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	12.63	12.70	12.65	13.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	12.54	12.58	12.65	13.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	12.61	12.65	12.66	13.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	12.62	12.59	12.58	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	10.04	10.08	9.74	9.69	10.50
100		1	137	9.98	10.01	9.75	9.65	10.50
100		1	271	9.90	10.07	9.73	9.62	10.50
100	PI/2 BPSK	135	0	9.95	9.90	9.61	9.40	10.50
100		135	69	10.01	10.03	9.69	9.60	10.50
100		135	138	9.97	9.98	9.74	9.58	10.50
100		270	0	9.99	10.01	9.74	9.71	10.50
100		1	1	9.97	9.97	9.76	9.57	10.50
100		1	137	10.03	9.93	9.63	9.65	10.50
100		1	271	10.02	9.90	9.68	9.55	10.50
100	QPSK	135	0	9.96	9.97	9.75	9.57	10.50
100		135	69	9.83	9.88	9.75	9.62	10.50
100		135	138	9.87	9.95	9.61	9.44	10.50
100		270	0	9.93	10.04	9.69	9.52	10.50
100	16QAM	1	1	9.90	10.07	9.57	9.57	10.50
100	64QAM	1	1	9.93	9.96	9.65	9.53	10.50
100	256QAM	1	1	9.89	10.01	9.66	9.51	10.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	9.72	9.83	9.61	9.60	10.50
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	9.78	9.88	9.63	9.67	10.50
Channel				649000	655168	661334	663002	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	9.90	9.99	9.68	9.62	10.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	9.85	9.89	9.64	9.66	10.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	9.75	9.90	9.63	9.68	10.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	9.87	9.89	9.67	9.53	10.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	9.92	9.87	9.68	9.65	10.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	9.78	9.74	9.66	9.52	10.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	9.90	9.77	9.60	9.69	10.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	9.75	9.86	9.68	9.69	10.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	9.79	9.88	9.57	9.69	10.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3760	3835.02	3920.01	3930	
100		1	1	12.92	12.99	12.46	12.43	13.50
100		1	137	12.71	12.79	12.43	12.37	13.50
100		1	271	12.88	12.93	12.40	12.29	13.50
100	Pi/2 BPSK	135	0	12.74	12.81	12.39	12.40	13.50
100		135	69	12.81	12.88	12.46	12.34	13.50
100		135	138	12.74	12.81	12.47	12.35	13.50
100		270	0	12.77	12.88	12.38	12.23	13.50
100		1	1	12.78	12.90	12.47	12.26	13.50
100		1	137	12.77	12.90	12.39	12.38	13.50
100		1	271	12.70	12.77	12.45	12.42	13.50
100	QPSK	135	0	12.84	12.80	12.39	12.31	13.50
100		135	69	12.77	12.83	12.36	12.28	13.50
100		135	138	12.85	12.92	12.45	12.33	13.50
100		270	0	12.81	12.79	12.53	12.54	13.50
100	16QAM	1	1	12.73	12.95	12.34	12.15	13.50
100	64QAM	1	1	12.70	12.93	12.51	12.52	13.50
100	256QAM	1	1	12.87	12.91	12.36	12.33	13.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	12.75	12.68	12.34	12.43	13.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	12.68	12.62	12.39	12.25	13.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	12.76	12.63	12.40	12.27	13.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	Pi/2 BPSK	1	1	12.72	12.60	12.30	12.26	13.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	12.67	12.64	12.39	12.45	13.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	12.69	12.57	12.32	12.42	13.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	12.70	12.69	12.34	12.44	13.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	12.63	12.63	12.26	12.45	13.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	12.73	12.73	12.29	12.38	13.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	12.75	12.73	12.29	12.35	13.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	12.65	12.65	12.31	12.43	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		9.09		10.50
100		1	137		9.90		10.50
100		1	271		9.89		10.50
100	Pi/2 BPSK	135	0		9.84		10.50
100		135	69		9.96		10.50
100		135	138		9.90		10.50
100		270	0		9.87		10.50
100		1	1		9.77		10.50
100		1	137		9.86		10.50
100		1	271		9.93		10.50
100	QPSK	135	0		9.90		10.50
100		135	69		9.91		10.50
100		135	138		9.91		10.50
100		270	0		9.93		10.50
100	16QAM	1	1		9.94		10.50
100	64QAM	1	1		9.86		10.50
100	256QAM	1	1		9.91		10.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	9.92	9.94	9.90	10.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	9.88	9.87	9.83	10.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	9.80	9.83	9.79	10.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	9.88	9.83	9.84	10.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	9.82	9.83	9.85	10.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	9.82	9.86	9.76	10.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	9.84	9.81	9.85	10.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	9.87	9.83	9.87	10.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	9.78	9.80	9.84	10.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	9.84	9.86	9.79	10.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	9.90	9.92	9.79	10.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		12.87		13.50
100		1	137		12.61		13.50
100		1	271		12.64		13.50
100	Pi/2 BPSK	135	0		12.54		13.50
100		135	69		12.62		13.50
100		135	138		12.40		13.50
100		270	0		12.52		13.50
100		1	1		12.56		13.50
100		1	137		12.57		13.50
100		1	271		12.58		13.50
100	QPSK	135	0		12.31		13.50
100		135	69		12.80		13.50
100		135	138		12.50		13.50
100		270	0		12.49		13.50
100	16QAM	1	1		12.43		13.50
100	64QAM	1	1		12.41		13.50
100	256QAM	1	1		12.44		13.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3509.99	
90	Pi/2 BPSK	1	1	12.62	12.72	12.86	13.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	12.58	12.68	12.59	13.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	12.47	12.71	12.54	13.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	12.60	12.58	12.61	13.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	12.55	12.63	12.54	13.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	12.49	12.62	12.59	13.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	12.50	12.60	12.60	13.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	12.61	12.60	12.60	13.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	12.54	12.69	12.55	13.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	12.57	12.58	12.54	13.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	12.61	12.68	12.57	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		9.99		10.50
100		1	137		9.60		10.50
100		1	271		9.68		10.50
100	Pi/2 BPSK	135	0		9.65		10.50
100		135	69		9.83		10.50
100		135	138		9.62		10.50
100		270	0		9.52		10.50
100		1	1		9.62		10.50
100		1	137		9.80		10.50
100		1	271		9.77		10.50
100	QPSK	135	0		9.79		10.50
100		135	69		9.79		10.50
100		135	138		9.77		10.50
100		270	0		9.82		10.50
100	16QAM	1	1		9.72		10.50
100	64QAM	1	1		9.53		10.50
100	256QAM	1	1		9.54		10.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	9.78	9.86	9.82	10.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	9.68	9.78	9.70	10.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	9.73	9.77	9.76	10.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	9.71	9.82	9.73	10.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	9.71	9.72	9.70	10.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	9.70	9.85	9.72	10.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	9.74	9.74	9.78	10.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	9.73	9.72	9.71	10.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	9.68	9.83	9.79	10.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	9.64	9.72	9.76	10.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	9.76	9.81	9.67	10.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.89		13.50
100		1	137		12.51		13.50
100		1	271		12.58		13.50
100		135	0		12.58		13.50
100		135	69		12.85		13.50
100		135	138		12.46		13.50
100		270	0		12.26		13.50
100	QPSK	1	1		12.44		13.50
100		1	137		12.52		13.50
100		1	271		12.52		13.50
100		135	0		12.55		13.50
100		135	69		12.52		13.50
100		135	138		12.53		13.50
100		270	0		12.54		13.50
100	16QAM	1	1		12.56		13.50
100	64QAM	1	1		12.54		13.50
100	256QAM	1	1		12.54		13.50
Channel				649968	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	12.75	12.80	12.78	13.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	12.61	12.73	12.69	13.50
Channel				649003	650000	651033	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	12.64	12.69	12.72	13.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	12.63	12.79	12.74	13.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	12.72	12.75	12.70	13.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	12.68	12.66	12.63	13.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	12.68	12.70	12.70	13.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	12.64	12.72	12.77	13.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	12.69	12.77	12.69	13.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	12.74	12.74	12.65	13.50
Channel				647003	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	12.61	12.68	12.75	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	16.28	16.31	16.39	17.90
40		1	108	16.01	15.98	16.02	17.90
40		1	214	15.97	16.02	15.93	17.90
40	Pi/2 BPSK	108	0	15.98	16.06	15.97	17.90
40		108	54	16.26	16.28	16.25	17.90
40		108	108	15.97	16.24	16.01	17.90
40		216	0	16.06	16.26	16.01	17.90
40		1	1	15.91	16.06	15.91	17.90
40		1	108	16.07	16.16	16.13	17.90
40		1	214	15.94	15.99	15.96	17.90
40	QPSK	108	0	15.97	15.98	15.96	17.90
40		108	54	16.05	16.27	16.19	17.90
40		108	108	15.95	16.03	16.01	17.90
40		216	0	15.97	15.94	16.04	17.90
40	16QAM	1	1	15.95	16.04	16.00	17.90
40	64QAM	1	1	16.12	16.08	16.16	17.90
40	256QAM	1	1	15.93	16.06	15.95	17.90
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	16.18	16.26	16.18	17.90
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	16.27	16.28	16.28	17.90
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	16.22	16.22	16.26	17.90
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	16.17	16.29	16.18	17.90
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	16.18	16.23	16.25	17.90
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	16.20	16.22	16.24	17.90
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	16.20	16.19	16.24	17.90

<FR1 n5_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	19.69	19.72	19.70	21.50
20		1	53	19.59	19.62	19.50	21.50
20		1	104	19.58	19.64	19.55	21.50
20	Pi/2 BPSK	50	0	19.53	19.64	19.56	21.50
20		50	28	19.65	19.70	19.68	21.50
20		50	56	19.58	19.51	19.53	21.50
20		100	0	19.54	19.67	19.52	21.50
20		1	1	19.50	19.57	19.56	21.50
20		1	53	19.52	19.62	19.61	21.50
20		1	104	19.52	19.59	19.53	21.50
20	QPSK	50	0	19.63	19.55	19.53	21.50
20		50	28	19.63	19.58	19.55	21.50
20		50	56	19.61	19.57	19.54	21.50
20		100	0	19.51	19.57	19.56	21.50
20	16QAM	1	1	19.54	19.57	19.63	21.50
20	64QAM	1	1	19.51	19.55	19.57	21.50
20	256QAM	1	1	17.86	18.04	17.86	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	Pi/2 BPSK	1	1	19.56	19.67	19.62	21.50
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	Pi/2 BPSK	1	1	19.54	19.69	19.65	21.50
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	Pi/2 BPSK	1	1	19.64	19.60	19.62	21.50

<FR1 n7_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				505000	507000	509000	
Frequency (MHz)				2525	2535	2545	
50		1	1	12.61	12.64	12.62	13.80
50		1	135	12.26	12.35	12.25	13.80
50		1	268	12.34	12.42	12.32	13.80
50	Pi/2 BPSK	135	0	12.40	12.54	12.50	13.80
50		135	68	12.60	12.63	12.58	13.80
50		135	135	12.20	12.31	12.19	13.80
50		270	0	12.51	12.60	12.48	13.80
50		1	1	12.41	12.50	12.34	13.80
50		1	135	12.18	12.35	12.28	13.80
50		1	268	12.25	12.34	12.23	13.80
50	QPSK	135	0	12.46	12.53	12.44	13.80
50		135	68	12.29	12.46	12.34	13.80
50		135	135	12.23	12.40	12.29	13.80
50		270	0	12.40	12.52	12.45	13.80
50	16QAM	1	1	12.29	12.36	12.32	13.80
50	64QAM	1	1	12.45	12.51	12.47	13.80
50	256QAM	1	1	12.28	12.39	12.23	13.80
Channel				504000	507000	510000	Tune-up Limit (dBm)
Frequency (MHz)				2520	2535	2550	
40	Pi/2 BPSK	1	1	12.47	12.59	12.56	13.80
Channel				503500	507000	510500	Tune-up Limit (dBm)
Frequency (MHz)				2517.5	2535	2552.5	
35	Pi/2 BPSK	1	1	12.49	12.63	12.59	13.80
Channel				503000	507000	511000	Tune-up Limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	Pi/2 BPSK	1	1	12.57	12.60	12.52	13.80
Channel				502500	507000	511500	Tune-up Limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	Pi/2 BPSK	1	1	12.56	12.60	12.51	13.80
Channel				502000	507000	512000	Tune-up Limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	Pi/2 BPSK	1	1	12.56	12.55	12.56	13.80
Channel				501500	507000	512500	Tune-up Limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	Pi/2 BPSK	1	1	12.59	12.63	12.60	13.80
Channel				501000	507000	513000	Tune-up Limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	Pi/2 BPSK	1	1	12.53	12.63	12.59	13.80
Channel				500500	507000	513500	Tune-up Limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	Pi/2 BPSK	1	1	12.53	12.53	12.54	13.80

<FR1 n12_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15		1	1	21.76	21.81	21.71	22.80
15		1	40	21.46	21.64	21.44	22.80
15		1	77	21.64	21.73	21.50	22.80
15	Pi/2 BPSK	36	0	21.58	21.71	21.54	22.80
15		36	22	21.71	21.77	21.65	22.80
15		36	43	21.56	21.74	21.56	22.80
15		75	0	21.63	21.72	21.51	22.80
15		1	1	21.53	21.60	21.47	22.80
15		1	40	21.48	21.65	21.49	22.80
15		1	77	21.57	21.67	21.43	22.80
15	QPSK	36	0	21.44	21.56	21.38	22.80
15		36	22	21.59	21.73	21.56	22.80
15		36	43	21.60	21.71	21.54	22.80
15		75	0	21.47	21.54	21.39	22.80
15	16QAM	1	1	21.53	21.66	21.50	22.80
15	64QAM	1	1	19.97	20.16	19.99	21.50
15	256QAM	1	1	17.88	18.06	17.95	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	Pi/2 BPSK	1	1	21.75	21.68	21.57	22.80
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	Pi/2 BPSK	1	1	21.67	21.68	21.61	22.80

<FR1 n13_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	Pi/2 BPSK	1	1		21.76		22.70
10		1	26		21.47		22.70
10		1	50		21.50		22.70
10		25	0		21.56		22.70
10		25	14		21.74		22.70
10		25	27		21.68		22.70
10		50	0		21.71		22.70
10	QPSK	1	1		21.62		22.70
10		1	26		21.60		22.70
10		1	50		21.53		22.70
10		25	0		21.62		22.70
10		25	14		21.60		22.70
10		25	27		21.48		22.70
10		50	0		21.49		22.70
10	16QAM	1	1		21.60		22.70
10	64QAM	1	1		20.11		21.50
10	256QAM	1	1		18.03		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	Pi/2 BPSK	1	1	21.68	21.73	21.65	22.70

<FR1 n25_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	16.33	16.35	16.31	17.90
40		1	108	16.04	16.08	16.02	17.90
40		1	214	15.93	16.07	15.92	17.90
40		108	0	15.96	16.07	16.01	17.90
40		108	54	16.31	16.33	16.28	17.90
40		108	108	16.11	16.27	16.09	17.90
40		216	0	16.18	16.29	16.10	17.90
40	QPSK	1	1	16.04	16.13	16.03	17.90
40		1	108	16.10	16.24	16.18	17.90
40		1	214	16.00	16.07	15.93	17.90
40		108	0	16.01	16.16	16.08	17.90
40		108	54	16.23	16.28	16.23	17.90
40		108	108	15.98	16.10	16.00	17.90
40		216	0	16.04	16.09	15.91	17.90
40	16QAM	1	1	16.07	16.23	16.05	17.90
40	64QAM	1	1	16.22	16.28	16.17	17.90
40	256QAM	1	1	15.93	16.09	15.97	17.90
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	16.30	16.30	16.23	17.90
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	16.23	16.25	16.28	17.90
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	16.22	16.31	16.22	17.90
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	16.27	16.21	16.27	17.90
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	16.28	16.33	16.25	17.90
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	16.21	16.32	16.19	17.90
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	16.29	16.25	16.22	17.90

<FR1 n26_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	19.72	19.78	19.76	21.50
20		1	53	19.53	19.65	19.50	21.50
20		1	104	19.53	19.70	19.58	21.50
20	Pi/2 BPSK	50	0	19.63	19.70	19.58	21.50
20		50	28	19.69	19.77	19.73	21.50
20		50	56	19.54	19.70	19.54	21.50
20		100	0	19.57	19.74	19.70	21.50
20		1	1	19.58	19.50	19.56	21.50
20		1	53	19.51	19.59	19.58	21.50
20		1	104	19.57	19.63	19.55	21.50
20	QPSK	50	0	19.61	19.53	19.51	21.50
20		50	28	19.65	19.56	19.52	21.50
20		50	56	19.60	19.68	19.61	21.50
20		100	0	19.58	19.59	19.51	21.50
20	16QAM	1	1	19.66	19.71	19.67	21.50
20	64QAM	1	1	19.51	19.58	19.63	21.50
20	256QAM	1	1	17.96	18.08	17.96	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	19.58	19.65	19.72	21.50
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	Pi/2 BPSK	1	1	19.68	19.70	19.70	21.50
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	19.65	19.67	19.65	21.50

<FR1 n66_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	16.16	16.19	16.12	17.90
45		1	120	16.51	16.59	16.48	17.90
45		1	240	16.43	16.52	16.40	17.90
45	Pi/2 BPSK	120	0	16.31	16.41	16.32	17.90
45		120	60	16.38	16.43	16.41	17.90
45		120	120	16.23	16.30	16.15	17.90
45		240	0	16.34	16.42	16.21	17.90
45		1	1	16.28	16.40	16.23	17.90
45		1	120	16.17	16.30	16.08	17.90
45		1	240	16.31	16.42	16.30	17.90
45	QPSK	120	0	16.31	16.38	16.17	17.90
45		120	60	16.18	16.32	16.21	17.90
45		120	120	16.35	16.41	16.29	17.90
45		240	0	16.42	16.51	16.40	17.90
45	16QAM	1	1	16.26	16.34	16.24	17.90
45	64QAM	1	1	16.48	16.52	16.32	17.90
45	256QAM	1	1	16.26	16.33	16.21	17.90
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	16.02	16.08	16.10	17.90
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	16.03	16.17	16.01	17.90
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	16.12	16.06	16.04	17.90
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	16.14	16.16	15.98	17.90
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	16.09	16.11	16.04	17.90
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	16.06	16.05	16.05	17.90
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	16.04	16.11	16.02	17.90
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	16.11	16.08	16.07	17.90

<FR1 n70_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		18.02		19.20
15		1	40		17.90		19.20
15		1	77		17.82		19.20
15		36	0		17.94		19.20
15		36	22		17.99		19.20
15		36	43		17.84		19.20
15		75	0		17.98		19.20
15	QPSK	1	1		17.77		19.20
15		1	40		17.84		19.20
15		1	77		17.90		19.20
15		36	0		17.91		19.20
15		36	22		17.87		19.20
15		36	43		17.83		19.20
15		75	0		17.87		19.20
15	16QAM	1	1		17.74		19.20
15	64QAM	1	1		17.83		19.20
15	256QAM	1	1		17.32		18.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	17.91	17.97	17.85	19.20
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	17.82	17.94	17.72	19.20

<FR1 n71_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		22.73		23.80
35		1	90		22.58		23.80
35		1	186		22.59		23.80
35		90	0		22.15		23.50
35		90	45		22.64		23.80
35		90	90		22.14		23.50
35		180	0		22.12		23.50
35	QPSK	1	1		22.61		23.80
35		1	90		22.57		23.80
35		1	186		22.60		23.80
35		90	0		21.62		23.00
35		90	45		22.65		23.80
35		90	90		21.63		23.00
35		180	0		21.65		23.00
35	16QAM	1	1		21.74		23.00
35	64QAM	1	1		19.94		21.50
35	256QAM	1	1		17.93		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	22.63	22.70	22.66	23.80
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	22.59	22.56	22.55	23.80
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.51	22.59	22.51	23.80
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.49	22.63	22.61	23.80
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.57	22.56	22.55	23.80
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.54	22.62	22.57	23.80

<FR1 n41_Ant 4_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	12.42	12.47	12.45	13.50
100		1	137	11.80	11.98	11.84	13.50
100		1	271	12.06	12.18	12.09	13.50
100	Pi/2 BPSK	135	0	11.94	12.04	11.95	13.50
100		135	69	12.19	12.21	12.17	13.50
100		135	138	11.90	12.09	11.94	13.50
100		270	0	12.10	12.17	12.02	13.50
100		1	1	11.94	12.14	12.06	13.50
100		1	137	11.99	12.12	11.96	13.50
100		1	271	11.86	12.05	11.92	13.50
100	QPSK	135	0	12.11	12.19	12.08	13.50
100		135	69	11.92	12.06	11.98	13.50
100		135	138	12.07	12.17	12.07	13.50
100		270	0	12.09	12.18	12.12	13.50
100	16QAM	1	1	11.90	12.08	11.97	13.50
100	64QAM	1	1	12.04	12.21	12.18	13.50
100	256QAM	1	1	11.85	11.98	11.95	13.50
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	12.15	12.15	12.21	13.50
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	12.13	12.19	12.21	13.50
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	12.13	12.21	12.19	13.50
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	12.16	12.13	12.13	13.50
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	12.15	12.22	12.20	13.50
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	12.15	12.24	12.11	13.50
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	12.19	12.14	12.16	13.50
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	12.15	12.16	12.14	13.50
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	12.15	12.21	12.18	13.50
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	12.15	12.18	12.20	13.50
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	12.17	12.15	12.12	13.50
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	12.08	12.22	12.10	13.50
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	12.12	12.25	12.13	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.03	15.09	15.01	16.50
100		1	137	14.81	14.96	14.78	16.50
100		1	271	14.75	14.85	14.71	16.50
100	Pi/2 BPSK	135	0	14.81	14.92	14.82	16.50
100		135	69	15.01	15.06	14.97	16.50
100		135	138	14.79	14.94	14.79	16.50
100		270	0	14.87	15.03	14.81	16.50
100		1	1	14.60	14.80	14.61	16.50
100		1	137	14.92	15.03	14.83	16.50
100		1	271	14.90	15.00	14.91	16.50
100	QPSK	135	0	14.95	15.03	14.92	16.50
100		135	69	14.84	14.81	14.83	16.50
100		135	138	14.78	14.95	14.83	16.50
100		270	0	14.88	15.02	14.82	16.50
100	16QAM	1	1	14.90	14.99	14.80	16.50
100	64QAM	1	1	14.81	15.01	14.82	16.50
100	256QAM	1	1	14.86	15.00	14.79	16.50
Channel				506200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	Pi/2 BPSK	1	1	14.93	15.05	14.96	16.50
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	Pi/2 BPSK	1	1	14.91	15.03	14.98	16.50
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	Pi/2 BPSK	1	1	14.98	14.99	14.87	16.50
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	Pi/2 BPSK	1	1	14.90	15.08	14.99	16.50
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	Pi/2 BPSK	1	1	15.02	15.00	14.95	16.50
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	Pi/2 BPSK	1	1	15.00	15.06	14.94	16.50
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	Pi/2 BPSK	1	1	14.98	15.02	14.98	16.50
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	Pi/2 BPSK	1	1	14.95	15.02	14.88	16.50
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	Pi/2 BPSK	1	1	14.89	15.08	14.87	16.50
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	Pi/2 BPSK	1	1	14.97	15.02	14.87	16.50
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	Pi/2 BPSK	1	1	14.98	14.96	14.89	16.50
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	Pi/2 BPSK	1	1	14.94	15.03	14.87	16.50
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	Pi/2 BPSK	1	1	14.95	14.99	14.87	16.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	16.62	16.69	16.65	18.00
40		1	53	16.34	16.45	16.39	18.00
40		1	104	16.33	16.47	16.40	18.00
40	PI/2 BPSK	50	0	16.26	16.41	16.31	18.00
40		50	28	16.59	16.68	16.57	18.00
40		50	56	16.24	16.46	16.30	18.00
40		100	0	16.48	16.64	16.50	18.00
40		1	1	16.32	16.46	16.34	18.00
40		1	53	16.32	16.45	16.34	18.00
40		1	104	16.38	16.59	16.47	18.00
40	QPSK	50	0	16.39	16.50	16.34	18.00
40		50	28	16.33	16.41	16.26	18.00
40		50	56	16.48	16.58	16.43	18.00
40		100	0	16.29	16.40	16.31	18.00
40	16QAM	1	1	16.29	16.42	16.36	18.00
40	64QAM	1	1	16.45	16.55	16.46	18.00
40	256QAM	1	1	16.50	16.61	16.54	18.00
Channel				637668	641666	645996	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.48	16.64	16.58	18.00
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.56	16.63	16.54	18.00
Channel				637168	641666	646166	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.47	16.64	16.61	18.00
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.56	16.60	16.55	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		14.36		15.50
100		1	137		14.20		15.50
100		1	271		14.11		15.50
100	PI/2 BPSK	135	0		14.11		15.50
100		135	69		14.33		15.50
100		135	138		14.10		15.50
100		270	0		14.11		15.50
100		1	1		14.08		15.50
100		1	137		14.14		15.50
100		1	271		14.11		15.50
100	QPSK	135	0		14.25		15.50
100		135	69		14.23		15.50
100		135	138		14.21		15.50
100		270	0		14.19		15.50
100	16QAM	1	1		14.26		15.50
100	64QAM	1	1		14.08		15.50
100	256QAM	1	1		14.11		15.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.29	14.31	14.27	15.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.18	14.25	14.16	15.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.23	14.19	14.22	15.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.15	14.27	14.23	15.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.20	14.19	14.21	15.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.27	14.27	14.16	15.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.21	14.24	14.24	15.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.18	14.24	14.16	15.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.28	14.25	14.19	15.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.25	14.24	14.22	15.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.19	14.19	14.12	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.77		18.50
100		1	137		16.67		18.50
100		1	271		16.61		18.50
100	PI/2 BPSK	135	0		16.67		18.50
100		135	69		16.75		18.50
100		135	138		16.58		18.50
100		270	0		16.72		18.50
100		1	1		16.74		18.50
100		1	137		16.71		18.50
100		1	271		16.68		18.50
100	QPSK	135	0		16.71		18.50
100		135	69		16.71		18.50
100		135	138		16.76		18.50
100		270	0		16.72		18.50
100	16QAM	1	1		16.66		18.50
100	64QAM	1	1		16.58		18.50
100	256QAM	1	1		16.57		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.57	16.68	16.67	18.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.65	16.65	16.55	18.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.60	16.63	16.57	18.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.62	16.60	16.65	18.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.52	16.59	16.64	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.58	16.62	16.61	18.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.56	16.58	16.59	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	16.54	16.54	16.58	18.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.61	16.66	16.54	18.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.52	16.57	16.53	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.61	16.56	16.60	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	14.43	14.38	14.54	14.35	15.50
100		1	137	14.23	14.12	14.38	14.22	15.50
100		1	271	14.05	14.01	14.30	14.22	15.50
100	PI/2 BPSK	135	0	14.07	14.01	14.26	14.04	15.50
100		135	69	14.37	14.29	14.53	14.42	15.50
100		135	138	14.02	14.09	14.28	14.14	15.50
100		270	0	14.16	14.11	14.30	14.26	15.50
100		1	1	14.10	14.00	14.25	14.09	15.50
100		1	137	14.14	14.07	14.33	14.34	15.50
100		1	271	14.06	14.03	14.26	14.14	15.50
100	QPSK	135	0	14.26	14.16	14.41	14.28	15.50
100		135	69	14.30	14.25	14.42	14.34	15.50
100		135	138	14.16	14.16	14.38	14.37	15.50
100		270	0	14.20	14.10	14.37	14.38	15.50
100	16QAM	1	1	14.26	14.25	14.43	14.37	15.50
100	64QAM	1	1	14.12	14.07	14.25	14.04	15.50
100	256QAM	1	1	14.15	14.09	14.30	14.30	15.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	14.37	14.31	14.48	14.28	15.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3930.99	
80	PI/2 BPSK	1	1	14.38	14.30	14.45	14.20	15.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	14.36	14.37	14.51	14.20	15.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	14.29	14.26	14.47	14.22	15.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	14.34	14.36	14.49	14.24	15.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	14.32	14.33	14.53	14.32	15.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	14.34	14.35	14.49	14.37	15.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	14.29	14.30	14.44	14.21	15.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	14.35	14.34	14.39	14.36	15.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	14.36	14.24	14.46	14.30	15.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	14.37	14.28	14.47	14.30	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	16.85	16.92	16.54	16.82	18.50
100		1	137	16.65	16.70	16.83	16.71	18.50
100		1	271	16.67	16.75	16.81	16.81	18.50
100		135	0	16.65	16.70	16.85	16.77	18.50
100		135	69	16.77	16.82	16.90	16.83	18.50
100		135	138	16.60	16.71	16.76	16.67	18.50
100		270	0	16.78	16.77	16.90	16.69	18.50
100	QPSK	1	1	16.72	16.81	16.90	16.79	18.50
100		1	137	16.63	16.80	16.87	16.72	18.50
100		1	271	16.62	16.80	16.86	16.75	18.50
100		135	0	16.78	16.72	16.89	16.70	18.50
100		135	69	16.70	16.78	16.89	16.77	18.50
100		135	138	16.81	16.81	16.92	16.89	18.50
100		270	0	16.68	16.81	16.88	16.75	18.50
100	16QAM	1	1	16.65	16.75	16.86	16.78	18.50
100	64QAM	1	1	16.68	16.84	16.77	16.84	18.50
100	256QAM	1	1	16.56	16.61	16.76	16.64	18.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3830.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	16.79	16.78	16.90	16.67	18.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	16.72	16.83	16.91	16.72	18.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	16.73	16.85	16.89	16.62	18.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	16.78	16.90	16.93	16.65	18.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	16.80	16.81	16.86	16.74	18.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	16.71	16.87	16.93	16.63	18.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	16.71	16.85	16.87	16.83	18.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	16.80	16.85	16.83	16.75	18.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	16.80	16.88	16.90	16.84	18.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	16.83	16.89	16.83	16.75	18.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	16.83	16.82	16.92	16.80	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.24		15.50
100		1	137		14.08		15.50
100		1	271		13.98		15.50
100		135	0		14.00		15.50
100		135	69		14.18		15.50
100		135	138		14.00		15.50
100		270	0		14.01		15.50
100	QPSK	1	1		13.96		15.50
100		1	137		13.99		15.50
100		1	271		13.98		15.50
100		135	0		14.13		15.50
100		135	69		14.09		15.50
100		135	138		14.09		15.50
100		270	0		14.08		15.50
100	16QAM	1	1		14.14		15.50
100	64QAM	1	1		13.98		15.50
100	256QAM	1	1		14.00		15.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.15	14.16	14.13	15.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.09	14.05	14.02	15.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.09	14.05	14.00	15.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.07	14.11	13.98	15.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.03	14.02	14.09	15.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.08	14.10	14.02	15.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.10	14.14	14.02	15.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.05	14.02	14.03	15.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.07	14.10	14.04	15.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.10	14.09	14.06	15.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.11	14.15	14.10	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		16.67		18.50
100		1	137		16.54		18.50
100		1	271		16.57		18.50
100	Pi/2 BPSK	135	0		16.55		18.50
100		135	69		16.61		18.50
100		135	138		16.56		18.50
100		270	0		16.60		18.50
100		1	1		16.62		18.50
100		1	137		16.56		18.50
100		1	271		16.57		18.50
100	QPSK	135	0		16.58		18.50
100		135	69		16.58		18.50
100		135	138		16.61		18.50
100	16QAM	1	1		16.54		18.50
100	64QAM	1	1		16.57		18.50
100	256QAM	1	1		16.55		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3492	3499.98	3504.99	
90	Pi/2 BPSK	1	1	16.51	16.52	16.59	18.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	16.50	16.60	16.56	18.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	16.51	16.50	16.65	18.50
Channel				632000	633332	634668	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	16.63	16.52	16.59	18.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	16.64	16.55	16.52	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	16.50	16.60	16.51	18.50
Channel				631000	633332	635668	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	16.63	16.57	16.53	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	16.53	16.57	16.62	18.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	16.64	16.61	16.51	18.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	16.52	16.54	16.69	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	16.51	16.62	16.63	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		14.26		15.50
100		1	137		14.25		15.50
100		1	271		14.17		15.50
100	Pi/2 BPSK	135	0		14.14		15.50
100		135	69		14.39		15.50
100		135	138		14.16		15.50
100		270	0		14.16		15.50
100		1	1		14.14		15.50
100		1	137		14.19		15.50
100		1	271		14.12		15.50
100	QPSK	135	0		14.26		15.50
100		135	69		14.29		15.50
100		135	138		14.25		15.50
100		270	0		14.24		15.50
100	16QAM	1	1		14.29		15.50
100	64QAM	1	1		14.14		15.50
100	256QAM	1	1		14.20		15.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	14.23	14.22	14.18	15.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	14.22	14.16	14.16	15.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	14.17	14.15	14.09	15.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	14.10	14.12	14.03	15.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	14.18	14.07	14.09	15.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	14.11	14.14	14.11	15.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	14.21	14.18	14.08	15.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	14.18	14.14	14.16	15.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	14.12	14.12	14.09	15.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	14.14	14.20	14.14	15.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	14.17	14.07	14.11	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		16.81		18.50
100		1	137		16.73		18.50
100		1	271		16.71		18.50
100	PI/2 BPSK	135	0		16.70		18.50
100		135	69		16.78		18.50
100		135	138		16.61		18.50
100		270	0		16.77		18.50
100		1	1		16.77		18.50
100		1	137		16.75		18.50
100		1	271		16.74		18.50
100	QPSK	135	0		16.77		18.50
100		135	69		16.75		18.50
100		135	138		16.68		18.50
100		270	0		16.77		18.50
100	16QAM	1	1		16.74		18.50
100	64QAM	1	1		16.64		18.50
100	256QAM	1	1		16.64		18.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.72	16.74	16.70	18.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.67	16.64	16.63	18.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.63	16.63	16.65	18.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.71	16.63	16.56	18.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.60	16.66	16.56	18.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.62	16.68	16.61	18.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	16.61	16.67	16.61	18.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	16.61	16.65	16.61	18.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.67	16.71	16.61	18.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.68	16.66	16.60	18.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.66	16.63	16.65	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	18.52	18.61	18.44	19.70
100		1	137	18.27	18.41	18.21	19.70
100		1	271	18.10	18.12	18.02	19.70
100	PI/2 BPSK	135	0	18.28	18.41	18.15	19.70
100		135	69	18.30	18.44	18.32	19.70
100		135	138	18.13	18.32	18.09	19.70
100		270	0	18.30	18.41	18.14	19.70
100		1	1	18.42	18.56	18.32	19.70
100		1	137	18.24	18.44	18.19	19.70
100		1	271	18.06	18.11	18.04	19.70
100	QPSK	135	0	18.39	18.52	18.29	19.70
100		135	69	18.22	18.41	18.23	19.70
100		135	138	18.12	18.20	18.11	19.70
100		270	0	18.36	18.49	18.28	19.70
100	16QAM	1	1	18.36	18.56	18.29	19.70
100	64QAM	1	1	18.35	18.47	18.20	19.70
100	256QAM	1	1	18.02	18.06	18.09	19.70
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.40	18.59	18.37	19.70
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.50	18.51	18.42	19.70
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.40	18.54	18.34	19.70
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.44	18.54	18.42	19.70
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.39	18.48	18.37	19.70
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.45	18.58	18.42	19.70
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.40	18.47	18.35	19.70
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.47	18.54	18.34	19.70
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.42	18.49	18.38	19.70
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.40	18.54	18.38	19.70
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.42	18.58	18.37	19.70
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.49	18.56	18.35	19.70
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.43	18.60	18.41	19.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	21.55	21.58	21.36	22.70
100		1	137	21.03	21.12	21.09	22.70
100		1	271	21.27	21.44	21.16	22.70
100	PI/2 BPSK	135	0	21.30	21.36	21.10	22.70
100		135	69	21.28	21.41	21.29	22.70
100		135	138	21.35	21.40	21.10	22.70
100		270	0	21.39	21.47	21.17	22.70
100		1	1	21.36	21.47	21.21	22.70
100		1	137	21.07	21.16	21.13	22.70
100		1	271	21.29	21.42	21.17	22.70
100	QPSK	135	0	21.25	21.39	21.09	22.70
100		135	69	21.14	21.26	21.11	22.70
100		135	138	21.50	21.56	21.29	22.70
100		270	0	21.38	21.50	21.20	22.70
100	16QAM	1	1	21.28	21.38	21.13	22.70
100	64QAM	1	1	20.99	21.04	20.83	21.50
100	256QAM	1	1	16.28	16.41	16.02	17.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.48	21.52	21.30	22.70
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.47	21.44	21.29	22.70
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.44	21.46	21.29	22.70
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.48	21.57	21.35	22.70
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.47	21.50	21.35	22.70
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.47	21.45	21.28	22.70
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.53	21.46	21.35	22.70
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.53	21.48	21.35	22.70
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.46	21.56	21.29	22.70
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.42	21.49	21.31	22.70
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.40	21.53	21.33	22.70
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.46	21.50	21.32	22.70
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.48	21.44	21.29	22.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40		1	1	11.84	11.88	11.76	13.50
40		1	53	11.56	11.67	11.52	13.50
40		1	104	11.63	11.74	11.58	13.50
40	PI/2 BPSK	50	0	11.68	11.73	11.54	13.50
40		50	28	11.81	11.86	11.74	13.50
40		50	56	11.63	11.75	11.62	13.50
40		100	0	11.75	11.82	11.58	13.50
40		1	1	11.83	11.76	11.57	13.50
40		1	53	11.68	11.70	11.62	13.50
40		1	104	11.63	11.68	11.51	13.50
40	QPSK	50	0	11.54	11.68	11.58	13.50
40		50	28	11.64	11.73	11.66	13.50
40		50	56	11.64	11.66	11.58	13.50
40		100	0	11.63	11.74	11.67	13.50
40	16QAM	1	1	11.65	11.72	11.65	13.50
40	64QAM	1	1	11.64	11.78	11.63	13.50
40	256QAM	1	1	11.67	11.76	11.65	13.50
Channel				637668	641666	645996	Tune-up Limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	11.72	11.73	11.62	13.50
Channel				637334	641666	646000	Tune-up Limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	11.73	11.85	11.75	13.50
Channel				637168	641666	646168	Tune-up Limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	11.71	11.83	11.67	13.50
Channel				637000	641666	646332	Tune-up Limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	11.72	11.73	11.75	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		11.81		12.50
100		1	137		11.59		12.50
100		1	271		11.58		12.50
100	PI/2 BPSK	135	0		11.64		12.50
100		135	69		11.68		12.50
100		135	138		11.62		12.50
100		270	0		11.53		12.50
100		1	1		11.53		12.50
100		1	137		11.67		12.50
100		1	271		11.58		12.50
100	QPSK	135	0		11.72		12.50
100		135	69		11.56		12.50
100		135	138		11.73		12.50
100		270	0		11.74		12.50
100	16QAM	1	1		11.73		12.50
100	64QAM	1	1		11.59		12.50
100	256QAM	1	1		11.60		12.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	11.64	11.66	11.61	12.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.62	11.64	11.49	12.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	11.51	11.52	11.56	12.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.52	11.59	11.59	12.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	11.61	11.55	11.60	12.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.59	11.65	11.57	12.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.54	11.62	11.53	12.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	11.53	11.55	11.52	12.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.55	11.61	11.57	12.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	11.59	11.61	11.54	12.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	11.53	11.59	11.49	12.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		14.28		15.50
100		1	137		14.01		15.50
100		1	271		14.06		15.50
100	Pi/2 BPSK	135	0		13.73		15.50
100		135	69		14.20		15.50
100		135	138		14.07		15.50
100		270	0		13.79		15.50
100		1	1		14.14		15.50
100		1	137		14.24		15.50
100		1	271		13.95		15.50
100	QPSK	135	0		13.70		15.50
100		135	69		14.20		15.50
100		135	138		13.58		15.50
100		270	0		13.58		15.50
100	16QAM	1	1		13.62		15.50
100	64QAM	1	1		13.62		15.50
100	256QAM	1	1		13.61		15.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	14.02	14.05	14.03	15.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	14.01	13.90	13.98	15.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	13.96	14.01	13.97	15.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	13.98	13.91	13.88	15.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	13.94	13.99	13.94	15.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	13.88	13.95	13.99	15.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	13.96	14.00	13.90	15.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	13.98	13.93	13.94	15.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	13.98	13.99	13.98	15.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	13.94	13.94	13.90	15.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	13.99	13.97	14.02	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	12.00	12.17	12.21	12.19	12.50
100		1	137	11.79	12.11	12.01	11.92	12.50
100		1	271	11.64	12.00	11.92	11.87	12.50
100	Pi/2 BPSK	135	0	11.68	12.02	11.91	11.73	12.50
100		135	69	11.70	12.06	12.12	11.96	12.50
100		135	138	11.72	12.04	11.99	11.82	12.50
100		270	0	11.70	12.08	11.89	11.67	12.50
100		1	1	11.53	11.94	11.87	11.78	12.50
100		1	137	11.76	12.11	11.95	11.81	12.50
100		1	271	11.76	12.10	11.93	11.75	12.50
100	QPSK	135	0	11.66	12.10	11.98	11.88	12.50
100		135	69	11.72	12.12	12.01	11.84	12.50
100		135	138	11.71	12.06	11.95	11.76	12.50
100		270	0	11.78	12.07	12.02	11.93	12.50
100	16QAM	1	1	11.61	12.08	11.95	11.94	12.50
100	64QAM	1	1	11.65	11.88	11.72	11.53	12.50
100	256QAM	1	1	11.62	11.88	11.70	11.55	12.50
Channel				649668	655500	661134	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	11.98	12.05	12.13	11.88	12.50
Channel				649334	655334	661134	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	11.97	12.12	12.09	11.98	12.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	11.97	12.10	12.16	12.03	12.50
Channel				648668	655000	661134	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	Pi/2 BPSK	1	1	11.98	12.11	12.10	11.84	12.50
Channel				648334	654834	661134	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	11.90	12.11	12.08	11.91	12.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	11.99	12.07	12.08	11.88	12.50
Channel				647668	654500	661134	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	11.90	12.05	12.11	11.87	12.50
Channel				647500	654418	661134	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	11.98	12.07	12.07	11.88	12.50
Channel				647334	654334	661134	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	11.96	12.12	12.07	12.01	12.50
Channel				647168	654250	661134	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	11.98	12.05	12.17	11.82	12.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	11.89	12.03	12.20	11.92	12.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	14.41	14.39	14.59	14.49	15.50
100		1	137	13.95	14.50	14.39	14.29	15.50
100		1	271	13.87	14.35	14.14	13.93	15.50
100		135	0	13.74	14.02	13.87	13.80	15.50
100		135	69	14.11	14.36	14.43	14.41	15.50
100		135	138	13.74	13.96	13.97	13.92	15.50
100		270	0	13.73	13.99	13.94	13.80	15.50
100	QPSK	1	1	13.78	14.17	14.16	14.06	15.50
100		1	137	14.09	14.39	14.23	14.13	15.50
100		1	271	13.74	14.34	14.06	13.94	15.50
100		135	0	13.72	13.98	13.98	13.87	15.50
100		135	69	14.29	14.52	14.25	14.25	15.50
100		135	138	13.72	13.76	14.01	13.79	15.50
100		270	0	13.71	14.01	14.02	14.01	15.50
100	16QAM	1	1	13.74	14.02	13.99	14.00	15.50
100	64QAM	1	1	13.73	13.98	13.99	13.85	15.50
100	256QAM	1	1	13.74	14.01	14.02	13.89	15.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	14.44	14.40	14.54	14.21	15.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	14.33	14.33	14.53	14.24	15.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	14.37	14.38	14.45	14.27	15.50
Channel				649668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	14.37	14.41	14.51	14.27	15.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	14.36	14.36	14.55	14.24	15.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	14.44	14.31	14.57	14.26	15.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	14.40	14.32	14.54	14.27	15.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	14.43	14.32	14.47	14.22	15.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	14.43	14.41	14.58	14.25	15.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	14.42	14.42	14.50	14.22	15.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	14.43	14.36	14.46	14.36	15.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		11.81		12.50
100		1	137		11.69		12.50
100		1	271		11.80		12.50
100		135	0		11.51		12.50
100		135	69		11.77		12.50
100		135	138		11.64		12.50
100		270	0		11.71		12.50
100	QPSK	1	1		11.50		12.50
100		1	137		11.77		12.50
100		1	271		11.74		12.50
100		135	0		11.70		12.50
100		135	69		11.75		12.50
100		135	138		11.72		12.50
100		270	0		11.75		12.50
100	16QAM	1	1		11.74		12.50
100	64QAM	1	1		11.37		12.50
100	256QAM	1	1		11.32		12.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	11.87	11.69	11.66	12.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	11.58	11.68	11.64	12.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	11.65	11.59	11.51	12.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	11.65	11.65	11.54	12.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	11.54	11.61	11.59	12.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	11.58	11.58	11.64	12.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	11.64	11.58	11.64	12.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	11.55	11.65	11.56	12.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	11.62	11.55	11.58	12.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	11.60	11.63	11.58	12.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	11.62	11.58	11.56	12.50

<FR1 n78 (27Q)_HPUE_Ant 8_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3490.98		
100		1	1		14.24		15.50
100		1	137		13.98		15.50
100		1	271		14.12		15.50
100	Pi/2 BPSK	135	0		13.67		15.50
100		135	69		14.25		15.50
100		135	138		13.83		15.50
100		270	0		13.79		15.50
100		1	1		13.91		15.50
100		1	137		14.07		15.50
100		1	271		13.91		15.50
100	QPSK	135	0		13.77		15.50
100		135	69		14.17		15.50
100		135	138		14.19		15.50
100		270	0		14.08		15.50
100	16QAM	1	1		13.79		15.50
100	64QAM	1	1		13.78		15.50
100	256QAM	1	1		13.81		15.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3490.98	3524.99	
90	Pi/2 BPSK	1	1	14.16	14.18	14.11	15.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3490.98	3510	
80	Pi/2 BPSK	1	1	14.10	14.08	14.00	15.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3490.98	3514.98	
70	Pi/2 BPSK	1	1	14.14	14.04	14.05	15.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3490.98	3519.99	
60	Pi/2 BPSK	1	1	14.05	14.16	14.04	15.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3490.98	3525	
50	Pi/2 BPSK	1	1	14.13	14.10	14.07	15.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3490.98	3529.98	
40	Pi/2 BPSK	1	1	14.03	14.09	14.04	15.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3490.98	3534.99	
30	Pi/2 BPSK	1	1	14.11	14.15	14.08	15.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3490.98	3537.48	
25	Pi/2 BPSK	1	1	14.15	14.04	13.99	15.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3490.98	3540	
20	Pi/2 BPSK	1	1	14.14	14.08	14.03	15.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3490.98	3542.49	
15	Pi/2 BPSK	1	1	14.09	14.05	14.08	15.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3490.98	3544.98	
10	Pi/2 BPSK	1	1	14.14	14.14	14.00	15.50

<FR1 n78 (27O)_Ant 8_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100		1	1		12.00		12.50
100		1	137		11.89		12.50
100		1	271		11.97		12.50
100	Pi/2 BPSK	135	0		11.81		12.50
100		135	69		11.97		12.50
100		135	138		11.83		12.50
100		270	0		11.88		12.50
100		1	1		11.81		12.50
100		1	137		11.91		12.50
100		1	271		11.96		12.50
100	QPSK	135	0		11.89		12.50
100		135	69		11.88		12.50
100		135	138		11.86		12.50
100		270	0		11.84		12.50
100	16QAM	1	1		11.94		12.50
100	64QAM	1	1		11.81		12.50
100	256QAM	1	1		11.82		12.50
Channel				649668	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi/2 BPSK	1	1	11.93	11.95	11.91	12.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi/2 BPSK	1	1	11.85	11.81	11.87	12.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi/2 BPSK	1	1	11.88	11.90	11.82	12.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi/2 BPSK	1	1	11.92	11.91	11.85	12.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi/2 BPSK	1	1	11.91	11.89	11.81	12.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi/2 BPSK	1	1	11.79	11.81	11.77	12.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi/2 BPSK	1	1	11.83	11.90	11.82	12.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi/2 BPSK	1	1	11.79	11.86	11.87	12.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi/2 BPSK	1	1	11.91	11.85	11.81	12.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi/2 BPSK	1	1	11.85	11.85	11.82	12.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi/2 BPSK	1	1	11.88	11.90	11.84	12.50

<FR1 n78 (27O)_HPUE_Ant 8_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.46		15.50
100		1	137		14.23		15.50
100		1	271		14.10		15.50
100		135	0		13.77		15.50
100		135	69		14.32		15.50
100		135	138		13.78		15.50
100		270	0		13.92		15.50
100	QPSK	1	1		14.18		15.50
100		1	137		14.20		15.50
100		1	271		14.19		15.50
100		135	0		13.76		15.50
100		135	69		14.39		15.50
100		135	138		13.80		15.50
100		270	0		13.82		15.50
100	16QAM	1	1		13.80		15.50
100	64QAM	1	1		13.78		15.50
100	256QAM	1	1		13.78		15.50
Channel				649998	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	14.26	14.33	14.32	15.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	14.13	14.28	14.19	15.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.13	14.23	14.31	15.50
Channel				648998	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.22	14.28	14.19	15.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.22	14.26	14.25	15.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.11	14.28	14.18	15.50
Channel				647998	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI/2 BPSK	1	1	14.14	14.28	14.28	15.50
Channel				647500	650000	652500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI/2 BPSK	1	1	14.12	14.20	14.20	15.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.19	14.22	14.31	15.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.15	14.20	14.21	15.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.17	14.26	14.18	15.50

<FR1 n2_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	19.41	19.42	19.38	20.50
40		1	108	19.03	19.08	18.88	20.50
40		1	214	19.11	19.35	19.23	20.50
40	Pi/2 BPSK	108	0	19.11	19.37	19.29	20.50
40		108	54	19.38	19.40	19.35	20.50
40		108	108	18.95	19.22	19.02	20.50
40		216	0	19.21	19.37	19.11	20.50
40		1	1	19.06	19.17	19.09	20.50
40		1	108	18.93	19.21	18.93	20.50
40		1	214	19.07	19.03	19.06	20.50
40	QPSK	108	0	19.10	19.23	19.05	20.50
40		108	54	18.90	19.22	18.88	20.50
40		108	108	19.15	19.27	19.19	20.50
40		216	0	19.03	19.20	19.14	20.50
40	16QAM	1	1	19.03	19.00	19.06	20.50
40	64QAM	1	1	19.09	19.13	19.14	20.50
40	256QAM	1	1	18.30	18.33	18.07	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	19.28	19.36	19.24	20.50
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	19.38	19.30	19.28	20.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	19.31	19.29	19.24	20.50
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	19.40	19.30	19.25	20.50
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	19.35	19.34	19.28	20.50
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	19.33	19.33	19.32	20.50
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	19.39	19.38	19.29	20.50

<FR1 n5_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20		1	1	23.08	23.10	23.09	24.00
20		1	53	22.96	23.06	22.95	24.00
20		1	104	22.93	23.05	22.95	24.00
20	Pi/2 BPSK	50	0	22.39	22.52	22.37	23.50
20		50	28	22.92	23.05	23.00	24.00
20		50	56	22.36	22.47	22.33	23.50
20		100	0	22.38	22.55	22.51	23.50
20		1	1	22.91	23.09	22.98	24.00
20		1	53	22.85	23.03	22.88	24.00
20		1	104	23.02	23.08	23.02	24.00
20	QPSK	50	0	21.95	22.01	21.93	23.00
20		50	28	22.90	23.04	23.00	24.00
20		50	56	21.81	21.97	21.84	23.00
20		100	0	21.87	22.02	21.93	23.00
20	16QAM	1	1	22.15	22.22	22.14	23.00
20	64QAM	1	1	20.28	20.37	20.21	21.50
20	256QAM	1	1	18.32	18.38	18.33	19.50
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	Pi/2 BPSK	1	1	22.92	23.00	22.96	24.00
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				829	836.5	844	
10	Pi/2 BPSK	1	1	22.96	23.00	22.96	24.00
Channel				165300	167300	169300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	Pi/2 BPSK	1	1	23.02	23.01	23.08	24.00

<FR1 n12_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.05	23.13	23.11	24.00
15		1	40	22.93	23.03	22.93	24.00
15		1	77	22.90	23.03	22.87	24.00
15		36	0	22.34	22.53	22.49	23.50
15		36	22	22.82	22.99	22.83	24.00
15		36	43	22.42	22.56	22.47	23.50
15		75	0	22.46	22.56	22.43	23.50
15	QPSK	1	1	22.91	23.12	22.97	24.00
15		1	40	22.87	23.03	22.89	24.00
15		1	77	22.92	23.08	23.00	24.00
15		36	0	21.94	22.03	21.99	23.00
15		36	22	22.76	22.96	22.82	24.00
15		36	43	21.90	22.06	21.89	23.00
15		75	0	21.85	22.06	21.90	23.00
15	16QAM	1	1	22.06	22.27	22.13	23.00
15	64QAM	1	1	20.25	20.46	20.38	21.50
15	256QAM	1	1	18.41	18.53	18.37	19.50
Channel				140800	141500	142200	Tune-up Limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	23.00	23.08	23.07	24.00
Channel				140300	141500	142700	Tune-up Limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.90	23.02	23.05	24.00

<FR1 n13_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		23.15		24.00
10		1	26		23.07		24.00
10		1	50		23.06		24.00
10		25	0		22.53		23.50
10		25	14		23.07		24.00
10		25	27		22.61		23.50
10		50	0		22.56		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.07		24.00
10		1	50		23.08		24.00
10		25	0		22.01		23.00
10		25	14		23.05		24.00
10		25	27		22.09		23.00
10		50	0		22.05		23.00
10	16QAM	1	1		22.22		23.00
10	64QAM	1	1		20.38		21.50
10	256QAM	1	1		18.45		19.50
Channel				155900	156400	156900	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	23.08	23.12	23.11	24.00

<FR1 n14_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	Pi/2 BPSK	1	1		23.15		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.60		23.50
10		25	14		23.07		24.00
10		25	27		22.54		23.50
10		50	0		22.59		23.50
10	QPSK	1	1		23.14		24.00
10		1	26		23.06		24.00
10		1	50		23.07		24.00
10		25	0		22.09		23.00
10		25	14		23.08		24.00
10		25	27		22.04		23.00
10		50	0		22.06		23.00
10	16QAM	1	1		22.27		23.00
10	64QAM	1	1		20.48		21.50
10	256QAM	1	1		18.54		19.50
Channel				158100	158600	159100	Tune-up Limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	Pi/2 BPSK	1	1	23.08	23.10	23.01	24.00

<FR1 n25_Ant 0_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	Pi/2 BPSK	1	1	19.43	19.45	19.42	20.50
40		1	108	19.06	19.18	19.04	20.50
40		1	214	19.31	19.38	19.25	20.50
40		108	0	19.28	19.38	19.30	20.00
40		108	54	19.41	19.44	19.40	20.50
40		108	108	19.11	19.24	19.14	20.00
40		216	0	19.24	19.41	19.28	20.00
40	QPSK	1	1	19.17	19.27	19.20	20.50
40		1	108	19.10	19.21	19.11	20.50
40		1	214	19.09	19.16	19.07	20.50
40		108	0	19.17	19.29	19.14	20.50
40		108	54	19.08	19.24	19.07	20.50
40		108	108	19.25	19.33	19.26	20.50
40		216	0	19.18	19.32	19.25	20.50
40	16QAM	1	1	19.05	19.16	19.09	20.50
40	64QAM	1	1	19.25	19.28	19.15	20.50
40	256QAM	1	1	18.30	18.33	18.27	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	19.30	19.33	19.30	20.50
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	19.32	19.38	19.28	20.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	19.37	19.35	19.35	20.50
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	19.31	19.36	19.31	20.50
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	19.35	19.34	19.33	20.50
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	19.36	19.40	19.28	20.50
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	19.39	19.32	19.36	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20		1	1	23.13	23.15	23.11	24.00
20		1	53	23.03	23.10	22.99	24.00
20		1	104	22.99	23.08	23.01	24.00
20	Pi/2 BPSK	50	0	22.45	22.61	22.55	23.50
20		50	28	22.94	23.10	22.94	24.00
20		50	56	22.58	22.62	22.51	23.50
20		100	0	22.45	22.61	22.50	23.50
20		1	1	23.05	23.13	22.99	24.00
20		1	53	22.95	23.08	23.00	24.00
20		1	104	23.02	23.08	22.92	24.00
20	QPSK	50	0	22.02	22.11	21.97	23.00
20		50	28	22.93	23.07	22.91	24.00
20		50	56	21.93	22.09	21.99	23.00
20		100	0	22.02	22.12	22.04	23.00
20	16QAM	1	1	22.23	22.28	22.16	23.00
20	64QAM	1	1	20.40	20.43	20.26	21.50
20	256QAM	1	1	18.37	18.44	18.26	19.50
Channel				164300	166300	168300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	23.04	23.12	22.97	24.00
Channel				163800	166300	168800	Tune-up Limit (dBm)
Frequency (MHz)				819	831.5	844	
10	Pi/2 BPSK	1	1	23.00	23.11	22.97	24.00
Channel				163300	166300	169300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	23.09	23.13	22.99	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	18.51	18.59	18.40	20.20
45		1	120	18.33	18.47	18.27	20.20
45		1	240	18.30	18.42	18.28	20.20
45	Pi/2 BPSK	120	0	18.20	18.28	18.23	20.20
45		120	60	18.47	18.55	18.42	20.20
45		120	120	18.21	18.28	18.23	20.20
45		240	0	18.28	18.48	18.25	20.20
45		1	1	18.37	18.48	18.36	20.20
45		1	120	18.35	18.42	18.29	20.20
45		1	240	18.40	18.47	18.26	20.20
45	QPSK	120	0	18.40	18.48	18.33	20.20
45		120	60	18.36	18.45	18.20	20.20
45		120	120	18.24	18.35	18.28	20.20
45		240	0	18.34	18.44	18.26	20.20
45	16QAM	1	1	18.29	18.37	18.34	20.20
45	64QAM	1	1	18.39	18.49	18.37	20.20
45	256QAM	1	1	18.23	18.38	18.15	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	18.41	18.46	18.36	20.20
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	18.48	18.52	18.33	20.20
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	18.48	18.44	18.35	20.20
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	18.39	18.45	18.35	20.20
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	18.37	18.53	18.33	20.20
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	18.39	18.51	18.33	20.20
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	18.42	18.46	18.37	20.20
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	18.37	18.49	18.33	20.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					340500		
Frequency (MHz)					1702.5		
15	PI/2 BPSK	1	1		19.91		21.00
15		1	40		19.72		21.00
15		1	77		19.78		21.00
15		36	0		19.83		21.00
15		36	22		19.89		21.00
15		36	43		19.67		21.00
15		75	0		19.87		21.00
15	QPSK	1	1		19.71		21.00
15		1	40		19.75		21.00
15		1	77		19.67		21.00
15		36	0		19.65		21.00
15		36	22		19.73		21.00
15		36	43		19.74		21.00
15		75	0		19.72		21.00
15	16QAM	1	1		19.77		21.00
15	64QAM	1	1		19.66		21.00
15	256QAM	1	1		18.25		19.50
Channel				340000	340500	341000	Tune-up Limit (dBm)
Frequency (MHz)				1700	1702.5	1705	
10	PI/2 BPSK	1	1	19.81	19.88	19.84	21.00
Channel				339500	340500	341500	Tune-up Limit (dBm)
Frequency (MHz)				1697.5	1702.5	1707.5	
5	PI/2 BPSK	1	1	19.69	19.79	19.83	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					136100		
Frequency (MHz)					680.5		
35	PI/2 BPSK	1	1		23.12		24.00
35		1	90		23.04		24.00
35		1	186		23.05		24.00
35		90	0		22.58		23.50
35		90	45		23.10		24.00
35		90	90		22.59		23.50
35		180	0		22.59		23.50
35	QPSK	1	1		23.05		24.00
35		1	90		23.04		24.00
35		1	186		23.06		24.00
35		90	0		22.07		23.00
35		90	45		23.10		24.00
35		90	90		22.07		23.00
35		180	0		22.12		23.00
35	16QAM	1	1		22.19		23.00
35	64QAM	1	1		20.40		21.50
35	256QAM	1	1		18.41		19.50
Channel				135600	136100	136600	Tune-up Limit (dBm)
Frequency (MHz)				678	680.5	683	
30	PI/2 BPSK	1	1	23.05	23.10	23.08	24.00
Channel				135100	136100	137100	Tune-up Limit (dBm)
Frequency (MHz)				675.5	680.5	685.5	
25	PI/2 BPSK	1	1	22.99	22.98	23.01	24.00
Channel				134600	136100	137600	Tune-up Limit (dBm)
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.93	23.00	23.00	24.00
Channel				134100	136100	138100	Tune-up Limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.96	23.03	23.01	24.00
Channel				133600	136100	138600	Tune-up Limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.96	23.07	23.01	24.00
Channel				133100	136100	139100	Tune-up Limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.99	22.95	22.96	24.00

<LTE Band 2_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.89	22.98	22.95	24.00
20		1	49	22.66	22.88	22.77	24.00
20		1	99	22.64	22.90	22.69	24.00
20		50	0	21.55	22.04	21.75	23.00
20		50	24	21.55	21.89	21.65	23.00
20		50	50	21.69	21.89	21.73	23.00
20		100	0	21.72	21.98	21.72	23.00
20	16QAM	1	0	21.88	22.21	21.77	23.00
20		1	49	21.87	22.20	22.03	23.00
20		1	99	21.93	22.28	22.13	23.00
20		50	0	20.55	20.81	20.82	22.00
20		50	24	20.60	20.87	20.88	22.00
20		50	50	20.81	20.87	20.83	22.00
20		100	0	20.64	21.02	20.62	22.00
20	64QAM	1	0	20.81	20.98	20.74	22.00
20		1	49	20.70	21.20	20.86	22.00
20		1	99	21.03	21.24	21.05	22.00
20		50	0	19.71	20.02	19.68	21.00
20		50	24	19.78	19.88	19.79	21.00
20		50	50	19.80	19.95	19.85	21.00
20		100	0	19.67	20.02	19.79	21.00
20	256QAM	1	0	17.81	18.08	17.73	19.00
20		1	49	17.90	18.08	17.92	19.00
20		1	99	17.76	18.19	18.03	19.00
20		50	0	17.63	18.08	17.78	19.00
20		50	24	17.69	17.99	17.75	19.00
20		50	50	17.74	17.88	17.86	19.00
20		100	0	17.61	18.01	17.81	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.75	22.96	22.83	24.00
15		1	37	22.79	22.83	22.75	24.00
15		1	74	22.60	22.86	22.70	24.00
15		36	0	21.77	22.00	21.84	23.00
15		36	20	21.78	21.96	21.75	23.00
15		36	39	21.74	22.02	21.77	23.00
15		75	0	21.61	22.03	21.85	23.00
15	16QAM	1	0	21.91	22.08	21.94	23.00
15		1	37	21.84	22.18	21.89	23.00
15		1	74	22.01	22.33	22.15	23.00
15		36	0	20.67	20.95	20.82	22.00
15		36	20	20.71	21.02	20.84	22.00
15		36	39	20.72	20.96	20.68	22.00
15		75	0	20.71	20.89	20.63	22.00
15	64QAM	1	0	20.87	21.02	20.85	22.00
15		1	37	20.74	21.16	20.90	22.00
15		1	74	20.86	21.31	21.12	22.00
15		36	0	19.65	19.86	19.78	21.00
15		36	20	19.61	20.05	19.89	21.00
15		36	39	19.70	19.90	19.68	21.00
15		75	0	19.64	19.99	19.72	21.00
15	256QAM	1	0	17.73	17.97	17.82	19.00
15		1	37	17.82	18.05	17.79	19.00
15		1	74	17.80	18.17	17.91	19.00
15		36	0	17.74	17.92	17.88	19.00
15		36	20	17.90	17.99	17.82	19.00
15		36	39	17.82	18.06	17.71	19.00
15		75	0	17.66	18.01	17.82	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.70	23.07	22.71	24.00
10		1	25	22.63	23.00	22.57	24.00
10		1	49	22.64	22.87	22.82	24.00
10		25	0	21.69	22.00	21.86	23.00
10		25	12	21.70	21.85	21.61	23.00
10		25	25	21.60	21.98	21.68	23.00
10		50	0	21.64	21.85	21.78	23.00
10	16QAM	1	0	21.72	22.02	21.78	23.00
10		1	25	21.74	22.12	22.04	23.00
10		1	49	21.92	22.32	22.18	23.00
10		25	0	20.55	20.92	20.61	22.00
10		25	12	20.73	20.83	20.77	22.00
10		25	25	20.68	20.90	20.74	22.00
10		50	0	20.70	20.89	20.79	22.00
10	64QAM	1	0	20.76	21.12	20.75	22.00
10		1	25	20.80	21.00	20.81	22.00
10		1	49	20.88	21.14	21.16	22.00
10		25	0	19.61	19.81	19.72	21.00
10		25	12	19.61	19.96	19.73	21.00
10		25	25	19.84	19.99	19.66	21.00
10		50	0	19.72	19.98	19.92	21.00
10	256QAM	1	0	17.86	18.03	17.88	19.00
10		1	25	17.71	18.05	17.87	19.00
10		1	49	17.80	18.13	18.03	19.00
10		25	0	17.62	17.99	17.82	19.00
10		25	12	17.83	18.02	17.82	19.00
10		25	25	17.72	18.01	17.81	19.00
10		50	0	17.79	18.04	17.81	19.00
Channel				18625	18900	19175	Tune-up Limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	22.70	22.91	22.82	24.00
5		1	12	22.64	22.83	22.56	24.00
5		1	24	22.65	22.93	22.62	24.00
5		12	0	21.72	21.96	21.77	23.00
5		12	7	21.59	21.89	21.73	23.00
5		12	13	21.70	21.93	21.83	23.00
5		25	0	21.70	21.96	21.77	23.00
5	16QAM	1	0	21.81	22.15	21.93	23.00
5		1	12	21.95	22.09	22.05	23.00
5		1	24	22.08	22.33	22.11	23.00
5		12	0	20.71	20.87	20.60	22.00
5		12	7	20.77	21.01	20.72	22.00
5		12	13	20.82	20.86	20.66	22.00
5		25	0	20.73	21.00	20.62	22.00
5	64QAM	1	0	20.74	20.95	20.77	22.00
5		1	12	20.89	21.05	20.80	22.00
5		1	24	20.96	21.28	21.15	22.00
5		12	0	19.77	19.84	19.70	21.00
5		12	7	19.59	19.84	19.78	21.00
5		12	13	19.67	20.02	19.69	21.00
5		25	0	19.65	20.02	19.83	21.00
5	256QAM	1	0	17.65	17.93	17.79	19.00
5		1	12	17.73	18.14	17.93	19.00
5		1	24	17.83	18.08	17.83	19.00
5		12	0	17.80	17.99	17.76	19.00
5		12	7	17.71	17.94	17.92	19.00
5		12	13	17.90	18.03	17.69	19.00
5		25	0	17.64	18.04	17.76	19.00
Channel				18615	18900	19185	Tune-up Limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.82	22.86	22.94	24.00
3		1	8	22.78	23.04	22.73	24.00
3		1	14	22.60	22.89	22.64	24.00
3		8	0	21.72	21.97	21.76	23.00
3		8	4	21.68	21.98	21.74	23.00
3		8	7	21.58	21.84	21.62	23.00
3		15	0	21.71	21.84	21.84	23.00
3	16QAM	1	0	21.80	22.22	21.99	23.00
3		1	8	21.94	22.16	22.02	23.00
3		1	14	22.01	22.39	22.21	23.00
3		8	0	20.64	21.02	20.82	22.00
3		8	4	20.68	20.94	20.64	22.00
3		8	7	20.81	21.01	20.66	22.00
3		15	0	20.57	20.87	20.61	22.00
3	64QAM	1	0	20.74	20.95	20.91	22.00
3		1	8	20.93	21.01	20.85	22.00
3		1	14	21.03	21.26	21.06	22.00
3		8	0	19.72	20.00	19.67	21.00
3		8	4	19.57	20.04	19.72	21.00
3		8	7	19.83	19.87	19.66	21.00
3		15	0	19.62	19.83	19.76	21.00
3	256QAM	1	0	17.75	17.99	17.77	19.00
3		1	8	17.70	18.16	17.87	19.00
3		1	14	17.74	18.18	17.93	19.00
3		8	0	17.69	18.00	17.79	19.00
3		8	4	17.67	18.00	17.75	19.00
3		8	7	17.81	18.02	17.88	19.00
3		15	0	17.75	18.02	17.85	19.00
Channel				18607	18900	19193	Tune-up Limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	22.74	22.81	22.73	24.00
1.4		1	3	22.67	22.77	22.50	24.00
1.4		1	5	22.41	22.80	22.57	24.00
1.4		3	0	22.25	22.19	22.20	24.00
1.4		3	1	22.22	22.08	22.27	24.00
1.4		3	3	22.12	22.06	22.24	24.00
1.4		6	0	21.46	21.76	21.75	23.00
1.4	16QAM	1	0	21.68	22.00	21.63	23.00
1.4		1	3	21.94	21.95	21.98	23.00
1.4		1	5	21.89	22.34	22.05	23.00
1.4		3	0	21.05	21.09	21.10	23.00
1.4		3	1	21.26	21.22	21.10	23.00
1.4		3	3	21.23	21.24	21.07	23.00
1.4		6	0	20.55	20.76	20.65	22.00
1.4	64QAM	1	0	20.69	21.02	20.69	22.00
1.4		1	3	20.80	21.13	20.67	22.00
1.4		1	5	20.90	21.07	21.14	22.00
1.4		3	0	20.17	20.16	20.24	22.00
1.4		3	1	20.09	20.03	20.05	22.00
1.4		3	3	20.26	20.23	20.25	22.00
1.4		6	0	19.67	19.83	19.76	21.00
1.4	256QAM	1	0	17.79	17.85	17.87	19.00
1.4		1	3	17.71	17.84	17.69	19.00
1.4		1	5	17.71	17.94	17.77	19.00
1.4		3	0	17.61	17.96	17.62	19.00
1.4		3	1	17.61	17.91	17.84	19.00
1.4		3	3	17.81	17.93	17.63	19.00
1.4		6	0	17.68	17.96	17.68	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.92	22.96	22.93	24.00
20		1	49	22.83	22.87	22.75	24.00
20		1	99	22.90	22.97	22.94	24.00
20		50	0	21.87	21.90	21.77	23.00
20		50	24	21.80	21.79	21.68	23.00
20		50	50	21.82	21.98	21.76	23.00
20		100	0	21.84	21.87	21.68	23.00
20	16QAM	1	0	22.02	22.06	21.85	23.00
20		1	49	22.04	22.11	21.96	23.00
20		1	99	22.01	22.16	21.99	23.00
20		50	0	20.78	20.86	20.80	22.00
20		50	24	20.64	20.83	20.80	22.00
20		50	50	20.98	20.96	20.76	22.00
20		100	0	20.64	20.86	20.74	22.00
20	64QAM	1	0	20.86	20.86	20.64	22.00
20		1	49	21.07	21.05	20.85	22.00
20		1	99	21.03	21.17	21.16	22.00
20		50	0	19.66	19.86	19.79	21.00
20		50	24	19.66	19.83	19.82	21.00
20		50	50	19.87	19.94	19.75	21.00
20		100	0	19.87	19.88	19.71	21.00
20	256QAM	1	0	17.67	17.87	17.75	19.00
20		1	49	17.98	18.02	17.82	19.00
20		1	99	17.89	17.95	17.73	19.00
20		50	0	17.74	17.82	17.66	19.00
20		50	24	17.66	17.87	17.88	19.00
20		50	50	17.94	17.98	17.90	19.00
20		100	0	17.77	17.81	17.59	19.00
Channel				20025	20175	20325	Tune-up Limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	22.92	22.96	22.93	24.00
15		1	37	22.83	22.87	22.75	24.00
15		1	74	22.90	22.97	22.94	24.00
15		36	0	21.87	21.90	21.77	23.00
15		36	20	21.80	21.79	21.68	23.00
15		36	39	21.82	21.98	21.76	23.00
15		75	0	21.84	21.87	21.68	23.00
15	16QAM	1	0	22.02	22.06	21.85	23.00
15		1	37	22.04	22.11	21.96	23.00
15		1	74	22.01	22.16	21.99	23.00
15		36	0	20.78	20.86	20.80	22.00
15		36	20	20.64	20.83	20.80	22.00
15		36	39	20.98	20.96	20.76	22.00
15		75	0	20.64	20.86	20.74	22.00
15	64QAM	1	0	20.86	20.86	20.64	22.00
15		1	37	21.07	21.05	20.85	22.00
15		1	74	21.03	21.17	21.16	22.00
15		36	0	19.66	19.86	19.79	21.00
15		36	20	19.66	19.83	19.82	21.00
15		36	39	19.87	19.94	19.75	21.00
15		75	0	19.87	19.88	19.71	21.00
15	256QAM	1	0	17.67	17.87	17.75	19.00
15		1	37	17.98	18.02	17.82	19.00
15		1	74	17.89	17.95	17.73	19.00
15		36	0	17.74	17.82	17.66	19.00
15		36	20	17.66	17.87	17.88	19.00
15		36	39	17.94	17.98	17.90	19.00
15		75	0	17.77	17.81	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	22.92	22.96	22.93	24.00
10		1	25	22.83	22.87	22.75	24.00
10		1	49	22.90	22.97	22.94	24.00
10		25	0	21.87	21.90	21.77	23.00
10		25	12	21.80	21.79	21.68	23.00
10		25	25	21.82	21.98	21.76	23.00
10		50	0	21.84	21.87	21.68	23.00
10	16QAM	1	0	22.02	22.06	21.85	23.00
10		1	25	22.04	22.11	21.96	23.00
10		1	49	22.01	22.16	21.99	23.00
10		25	0	20.78	20.86	20.80	22.00
10		25	12	20.64	20.83	20.80	22.00
10		25	25	20.98	20.96	20.76	22.00
10		50	0	20.64	20.86	20.74	22.00
10	64QAM	1	0	20.86	20.86	20.64	22.00
10		1	25	21.07	21.05	20.85	22.00
10		1	49	21.03	21.17	21.16	22.00
10		25	0	19.66	19.86	19.79	21.00
10		25	12	19.66	19.83	19.82	21.00
10		25	25	19.87	19.94	19.75	21.00
10		50	0	19.87	19.88	19.71	21.00
10	256QAM	1	0	17.67	17.87	17.75	19.00
10		1	25	17.98	18.02	17.82	19.00
10		1	49	17.89	17.95	17.73	19.00
10		25	0	17.74	17.82	17.66	19.00
10		25	12	17.66	17.87	17.88	19.00
10		25	25	17.94	17.98	17.90	19.00
10		50	0	17.77	17.81	17.59	19.00
Channel				19975	20175	20375	Tune-up Limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	22.92	22.96	22.93	24.00
5		1	12	22.83	22.87	22.75	24.00
5		1	24	22.90	22.97	22.94	24.00
5		12	0	21.87	21.90	21.77	23.00
5		12	7	21.80	21.79	21.68	23.00
5		12	13	21.82	21.98	21.76	23.00
5		25	0	21.84	21.87	21.68	23.00
5	16QAM	1	0	22.02	22.06	21.85	23.00
5		1	12	22.04	22.11	21.96	23.00
5		1	24	22.01	22.16	21.99	23.00
5		12	0	20.78	20.86	20.80	22.00
5		12	7	20.64	20.83	20.80	22.00
5		12	13	20.98	20.96	20.76	22.00
5		25	0	20.64	20.86	20.74	22.00
5	64QAM	1	0	20.86	20.86	20.64	22.00
5		1	12	21.07	21.05	20.85	22.00
5		1	24	21.03	21.17	21.16	22.00
5		12	0	19.66	19.86	19.79	21.00
5		12	7	19.66	19.83	19.82	21.00
5		12	13	19.87	19.94	19.75	21.00
5		25	0	19.87	19.88	19.71	21.00
5	256QAM	1	0	17.67	17.87	17.75	19.00
5		1	12	17.98	18.02	17.82	19.00
5		1	24	17.89	17.95	17.73	19.00
5		12	0	17.74	17.82	17.66	19.00
5		12	7	17.66	17.87	17.88	19.00
5		12	13	17.94	17.98	17.90	19.00
5		25	0	17.77	17.81	17.59	19.00
Channel				19965	20175	20385	Tune-up Limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.92	22.96	22.93	24.00
3		1	8	22.83	22.87	22.75	24.00
3		1	14	22.90	22.97	22.94	24.00
3		8	0	21.87	21.90	21.77	23.00
3		8	4	21.80	21.79	21.68	23.00
3		8	7	21.82	21.98	21.76	23.00
3		15	0	21.84	21.87	21.68	23.00
3	16QAM	1	0	22.02	22.06	21.85	23.00
3		1	8	22.04	22.11	21.96	23.00
3		1	14	22.01	22.16	21.99	23.00
3		8	0	20.78	20.86	20.80	22.00
3		8	4	20.64	20.83	20.80	22.00
3		8	7	20.98	20.96	20.76	22.00
3		15	0	20.64	20.86	20.74	22.00
3	64QAM	1	0	20.86	20.86	20.64	22.00
3		1	8	21.07	21.05	20.85	22.00
3		1	14	21.03	21.17	21.16	22.00
3		8	0	19.66	19.86	19.79	21.00
3		8	4	19.66	19.83	19.82	21.00
3		8	7	19.87	19.94	19.75	21.00
3		15	0	19.87	19.88	19.71	21.00
3	256QAM	1	0	17.67	17.87	17.75	19.00
3		1	8	17.98	18.02	17.82	19.00
3		1	14	17.89	17.95	17.73	19.00
3		8	0	17.74	17.82	17.66	19.00
3		8	4	17.66	17.87	17.88	19.00
3		8	7	17.94	17.98	17.90	19.00
3		15	0	17.77	17.81	17.59	19.00
Channel				19957	20175	20393	Tune-up Limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.62	22.91	22.79	24.00
1.4		1	3	22.54	22.69	22.57	24.00
1.4		1	5	22.63	22.85	22.43	24.00
1.4		3	0	22.09	22.01	21.99	24.00
1.4		3	1	22.00	22.11	21.95	24.00
1.4		3	3	22.05	22.05	22.04	24.00
1.4		6	0	21.46	21.75	21.54	23.00
1.4	16QAM	1	0	21.71	21.88	21.76	23.00
1.4		1	3	21.91	22.15	21.87	23.00
1.4		1	5	22.08	22.20	21.88	23.00
1.4		3	0	21.08	21.07	21.08	23.00
1.4		3	1	21.15	20.99	21.07	23.00
1.4		3	3	21.06	21.16	21.13	23.00
1.4		6	0	20.68	20.72	20.60	22.00
1.4	64QAM	1	0	20.88	20.84	20.61	22.00
1.4		1	3	20.85	21.09	20.94	22.00
1.4		1	5	20.94	21.02	20.88	22.00
1.4		3	0	20.12	20.18	20.09	22.00
1.4		3	1	20.15	20.02	20.08	22.00
1.4		3	3	20.10	19.96	20.08	22.00
1.4		6	0	19.66	19.84	19.53	21.00
1.4	256QAM	1	0	17.70	17.98	17.66	19.00
1.4		1	3	17.81	18.02	17.87	19.00
1.4		1	5	17.79	18.06	17.81	19.00
1.4		3	0	17.67	17.77	17.38	19.00
1.4		3	1	17.74	17.80	17.74	19.00
1.4		3	3	17.57	17.84	17.61	19.00
1.4		6	0	17.76	17.80	17.47	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.72	23.76	23.70	25.00
20		1	49	23.72	23.71	23.67	25.00
20		1	99	23.57	23.67	23.62	25.00
20		50	0	22.46	22.68	22.64	24.00
20		50	24	22.43	22.61	22.55	24.00
20		50	50	22.44	22.66	22.61	24.00
20		100	0	22.76	22.69	22.71	24.00
20	16QAM	1	0	22.81	22.81	22.81	24.00
20		1	49	22.72	22.77	22.65	24.00
20		1	99	22.77	22.76	22.56	24.00
20		50	0	21.62	21.69	21.49	23.00
20		50	24	21.59	21.65	21.48	23.00
20		50	50	21.50	21.67	21.57	23.00
20		100	0	21.60	21.73	21.75	23.00
20	64QAM	1	0	21.66	21.77	21.77	23.00
20		1	49	21.62	21.74	21.54	23.00
20		1	99	21.59	21.72	21.70	23.00
20		50	0	20.75	20.74	20.55	22.00
20		50	24	20.60	20.70	20.69	22.00
20		50	50	20.65	20.72	20.71	22.00
20		100	0	20.76	20.75	20.61	22.00
20	256QAM	1	0	18.71	18.77	18.57	20.00
20		1	49	18.75	18.77	18.78	20.00
20		1	99	18.68	18.69	18.55	20.00
20		50	0	18.65	18.82	18.60	20.00
20		50	24	18.71	18.77	18.64	20.00
20		50	50	18.71	18.78	18.66	20.00
20		100	0	18.67	18.84	18.85	20.00
Channel				20025	20175	20325	Tune-up Limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.66	23.71	23.72	25.00
15		1	37	23.60	23.58	23.58	25.00
15		1	74	23.36	23.54	23.44	25.00
15		36	0	22.32	22.58	22.44	24.00
15		36	20	22.33	22.43	22.50	24.00
15		36	39	22.41	22.49	22.43	24.00
15		75	0	22.58	22.61	22.53	24.00
15	16QAM	1	0	22.70	22.70	22.66	24.00
15		1	37	22.52	22.65	22.58	24.00
15		1	74	22.60	22.59	22.39	24.00
15		36	0	21.57	21.57	21.35	23.00
15		36	20	21.58	21.51	21.43	23.00
15		36	39	21.34	21.52	21.38	23.00
15		75	0	21.56	21.62	21.60	23.00
15	64QAM	1	0	21.52	21.73	21.79	23.00
15		1	37	21.51	21.76	21.44	23.00
15		1	74	21.48	21.55	21.70	23.00
15		36	0	20.62	20.64	20.42	22.00
15		36	20	20.40	20.69	20.49	22.00
15		36	39	20.39	20.62	20.52	22.00
15		75	0	20.60	20.76	20.61	22.00
15	256QAM	1	0	18.61	18.76	18.54	20.00
15		1	37	18.70	18.58	18.64	20.00
15		1	74	18.64	18.51	18.38	20.00
15		36	0	18.57	18.72	18.48	20.00
15		36	20	18.70	18.58	18.50	20.00
15		36	39	18.59	18.58	18.62	20.00
15		75	0	18.61	18.66	18.63	20.00
Channel				20000	20175	20350	Tune-up Limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.57	23.77	23.61	25.00
10		1	25	23.64	23.72	23.60	25.00
10		1	49	23.44	23.63	23.47	25.00
10		25	0	22.45	22.46	22.49	24.00
10		25	12	22.41	22.51	22.37	24.00
10		25	25	22.32	22.53	22.52	24.00
10		50	0	22.56	22.59	22.58	24.00
10	16QAM	1	0	22.66	22.67	22.82	24.00
10		1	25	22.52	22.77	22.63	24.00
10		1	49	22.72	22.70	22.50	24.00
10		25	0	21.48	21.70	21.50	23.00
10		25	12	21.47	21.45	21.28	23.00
10		25	25	21.48	21.67	21.59	23.00
10		50	0	21.60	21.64	21.69	23.00
10	64QAM	1	0	21.49	21.64	21.64	23.00
10		1	25	21.61	21.53	21.53	23.00
10		1	49	21.42	21.65	21.72	23.00
10		25	0	20.68	20.59	20.38	22.00
10		25	12	20.60	20.66	20.69	22.00
10		25	25	20.43	20.59	20.57	22.00
10		50	0	20.62	20.71	20.42	22.00
10	256QAM	1	0	18.61	18.77	18.37	20.00
10		1	25	18.73	18.60	18.61	20.00
10		1	49	18.61	18.49	18.44	20.00
10		25	0	18.46	18.66	18.52	20.00
10		25	12	18.58	18.79	18.58	20.00
10		25	25	18.62	18.73	18.45	20.00
10		50	0	18.53	18.65	18.81	20.00
Channel				19975	20175	20375	Tune-up Limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.52	23.67	23.69	25.00
5		1	12	23.57	23.51	23.58	25.00
5		1	24	23.43	23.47	23.55	25.00
5		12	0	22.30	22.64	22.54	24.00
5		12	7	22.39	22.59	22.56	24.00
5		12	13	22.26	22.51	22.62	24.00
5		25	0	22.59	22.50	22.56	24.00
5	16QAM	1	0	22.67	22.76	22.62	24.00
5		1	12	22.64	22.71	22.54	24.00
5		1	24	22.56	22.63	22.49	24.00
5		12	0	21.51	21.57	21.44	23.00
5		12	7	21.46	21.43	21.36	23.00
5		12	13	21.34	21.68	21.39	23.00
5		25	0	21.61	21.60	21.75	23.00
5	64QAM	1	0	21.56	21.62	21.68	23.00
5		1	12	21.49	21.75	21.48	23.00
5		1	24	21.58	21.57	21.48	23.00
5		12	0	20.71	20.59	20.46	22.00
5		12	7	20.40	20.68	20.47	22.00
5		12	13	20.39	20.56	20.68	22.00
5		25	0	20.56	20.67	20.55	22.00
5	256QAM	1	0	18.66	18.65	18.48	20.00
5		1	12	18.74	18.74	18.72	20.00
5		1	24	18.64	18.59	18.45	20.00
5		12	0	18.66	18.64	18.43	20.00
5		12	7	18.66	18.78	18.57	20.00
5		12	13	18.71	18.76	18.54	20.00
5		25	0	18.51	18.83	18.69	20.00
Channel				19965	20175	20385	Tune-up Limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.54	23.70	23.60	25.00
3		1	8	23.70	23.61	23.60	25.00
3		1	14	23.51	23.64	23.44	25.00
3		8	0	22.24	22.63	22.43	24.00
3		8	4	22.32	22.54	22.52	24.00
3		8	7	22.38	22.62	22.61	24.00
3		15	0	22.68	22.55	22.61	24.00
3	16QAM	1	0	22.79	22.65	22.61	24.00
3		1	8	22.73	22.57	22.51	24.00
3		1	14	22.58	22.76	22.57	24.00
3		8	0	21.63	21.64	21.34	23.00
3		8	4	21.45	21.45	21.44	23.00
3		8	7	21.44	21.61	21.54	23.00
3		15	0	21.57	21.67	21.53	23.00
3	64QAM	1	0	21.68	21.71	21.61	23.00
3		1	8	21.46	21.73	21.50	23.00
3		1	14	21.40	21.69	21.53	23.00
3		8	0	20.58	20.59	20.50	22.00
3		8	4	20.52	20.51	20.55	22.00
3		8	7	20.46	20.69	20.55	22.00
3		15	0	20.55	20.58	20.49	22.00
3	256QAM	1	0	18.70	18.56	18.53	20.00
3		1	8	18.66	18.66	18.62	20.00
3		1	14	18.54	18.66	18.45	20.00
3		8	0	18.46	18.71	18.52	20.00
3		8	4	18.53	18.77	18.42	20.00
3		8	7	18.66	18.72	18.61	20.00
3		15	0	18.61	18.79	18.63	20.00
Channel				19957	20175	20393	Tune-up Limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	23.56	23.47	23.58	25.00
1.4		1	3	23.62	23.67	23.43	25.00
1.4		1	5	23.60	23.70	23.61	25.00
1.4		3	0	22.86	22.88	22.96	25.00
1.4		3	1	22.64	22.93	22.86	25.00
1.4		3	3	22.81	22.89	22.81	25.00
1.4		6	0	22.41	22.70	22.59	24.00
1.4	16QAM	1	0	22.56	22.96	22.60	24.00
1.4		1	3	22.82	23.10	22.76	24.00
1.4		1	5	22.76	23.02	23.07	24.00
1.4		3	0	21.96	21.94	21.72	24.00
1.4		3	1	21.75	22.04	21.84	24.00
1.4		3	3	21.80	21.78	22.02	24.00
1.4		6	0	21.59	21.75	21.71	23.00
1.4	64QAM	1	0	21.80	21.89	21.54	23.00
1.4		1	3	21.72	21.66	21.93	23.00
1.4		1	5	21.58	21.79	21.91	23.00
1.4		3	0	20.62	20.67	20.78	23.00
1.4		3	1	20.78	21.10	20.96	23.00
1.4		3	3	20.89	20.84	20.71	23.00
1.4		6	0	20.66	20.65	20.82	22.00
1.4	256QAM	1	0	18.65	18.84	18.92	20.00
1.4		1	3	18.75	18.81	18.71	20.00
1.4		1	5	18.49	18.96	18.55	20.00
1.4		3	0	18.44	18.62	18.73	20.00
1.4		3	1	18.40	18.45	18.48	20.00
1.4		3	3	18.45	18.86	18.68	20.00
1.4		6	0	18.50	18.60	18.53	20.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.66	22.96	22.95	24.00
20		1	49	22.63	22.93	22.78	24.00
20		1	99	22.71	22.91	22.75	24.00
20		50	0	21.87	21.94	21.72	23.00
20		50	24	21.58	21.92	21.85	23.00
20		50	50	21.79	21.94	21.77	23.00
20		100	0	21.61	21.94	21.86	23.00
20	16QAM	1	0	21.87	22.00	21.91	23.00
20		1	49	22.02	22.27	22.06	23.00
20		1	99	22.17	22.16	22.17	23.00
20		50	0	20.80	20.77	20.75	22.00
20		50	24	20.78	20.85	20.84	22.00
20		50	50	20.85	20.89	20.71	22.00
20		100	0	20.81	20.85	20.85	22.00
20	64QAM	1	0	20.80	20.98	20.92	22.00
20		1	49	20.80	20.97	20.84	22.00
20		1	99	20.87	21.11	20.89	22.00
20		50	0	19.81	19.93	19.69	21.00
20		50	24	19.69	19.81	19.73	21.00
20		50	50	19.73	19.88	19.86	21.00
20		100	0	19.58	19.92	19.71	21.00
20	256QAM	1	0	17.78	17.87	17.88	19.00
20		1	49	18.01	18.12	17.85	19.00
20		1	99	17.79	17.96	17.83	19.00
20		50	0	17.63	17.81	17.83	19.00
20		50	24	17.72	17.95	17.89	19.00
20		50	50	17.88	17.93	17.75	19.00
20		100	0	17.66	17.82	17.75	19.00
Channel				132047	132322	132597	Tune-up Limit
Frequency (MHz)				1717.5	1745	1772.5	(dBm)
15	QPSK	1	0	22.66	22.81	22.81	24.00
15		1	37	22.60	22.72	22.62	24.00
15		1	74	22.52	22.85	22.56	24.00
15		36	0	21.66	21.90	21.55	23.00
15		36	20	21.38	21.78	21.80	23.00
15		36	39	21.79	21.87	21.64	23.00
15		75	0	21.49	21.77	21.86	23.00
15	16QAM	1	0	21.89	22.00	21.78	23.00
15		1	37	22.02	22.22	22.06	23.00
15		1	74	22.11	22.00	21.96	23.00
15		36	0	20.70	20.63	20.59	22.00
15		36	20	20.69	20.86	20.86	22.00
15		36	39	20.65	20.70	20.53	22.00
15		75	0	20.78	20.78	20.82	22.00
15	64QAM	1	0	20.81	20.93	20.78	22.00
15		1	37	20.77	20.83	20.73	22.00
15		1	74	20.82	21.02	20.77	22.00
15		36	0	19.83	19.86	19.52	21.00
15		36	20	19.60	19.63	19.52	21.00
15		36	39	19.55	19.78	19.74	21.00
15		75	0	19.51	19.86	19.64	21.00
15	256QAM	1	0	17.61	17.76	17.80	19.00
15		1	37	17.97	18.06	17.71	19.00
15		1	74	17.71	17.87	17.63	19.00
15		36	0	17.48	17.73	17.65	19.00
15		36	20	17.52	17.91	17.85	19.00
15		36	39	17.79	17.83	17.76	19.00
15		75	0	17.56	17.83	17.72	19.00
Channel				132022	132322	132622	Tune-up Limit
Frequency (MHz)				1715	1745	1775	(dBm)
10	QPSK	1	0	22.45	22.96	22.81	24.00
10		1	25	22.49	22.76	22.73	24.00
10		1	49	22.58	22.74	22.76	24.00
10		25	0	21.81	21.85	21.68	23.00
10		25	12	21.55	21.74	21.83	23.00
10		25	25	21.64	21.73	21.61	23.00
10		50	0	21.45	21.78	21.74	23.00
10	16QAM	1	0	21.88	21.89	21.80	23.00
10		1	25	22.04	22.18	22.02	23.00
10		1	49	21.95	22.10	21.96	23.00
10		25	0	20.77	20.61	20.67	22.00
10		25	12	20.59	20.71	20.64	22.00
10		25	25	20.70	20.73	20.63	22.00
10		50	0	20.71	20.70	20.63	22.00
10	64QAM	1	0	20.68	20.77	20.76	22.00
10		1	25	20.68	20.75	20.86	22.00
10		1	49	20.74	21.07	20.79	22.00
10		25	0	19.67	19.78	19.64	21.00
10		25	12	19.56	19.81	19.62	21.00
10		25	25	19.58	19.69	19.75	21.00
10		50	0	19.57	19.82	19.63	21.00
10	256QAM	1	0	17.61	17.77	17.72	19.00
10		1	25	17.82	17.91	17.82	19.00
10		1	49	17.81	17.92	17.67	19.00
10		25	0	17.63	17.68	17.76	19.00
10		25	12	17.66	17.82	17.70	19.00
10		25	25	17.88	17.87	17.57	19.00
10		50	0	17.68	17.82	17.68	19.00
Channel				131997	132322	132647	Tune-up Limit
Frequency (MHz)				1712.5	1745	1777.5	(dBm)
5	QPSK	1	0	22.51	22.74	22.82	24.00
5		1	12	22.62	22.74	22.74	24.00
5		1	24	22.60	22.91	22.59	24.00
5		12	0	21.81	21.72	21.59	23.00
5		12	7	21.50	21.70	21.72	23.00
5		12	13	21.65	21.91	21.62	23.00
5		25	0	21.48	21.84	21.75	23.00
5	16QAM	1	0	21.84	22.00	21.89	23.00
5		1	12	21.93	22.25	21.85	23.00
5		1	24	22.03	22.02	22.14	23.00
5		12	0	20.78	20.62	20.54	22.00
5		12	7	20.66	20.78	20.84	22.00
5		12	13	20.78	20.71	20.59	22.00
5		25	0	20.75	20.78	20.67	22.00
5	64QAM	1	0	20.77	20.97	20.75	22.00
5		1	12	20.67	20.92	20.84	22.00
5		1	24	20.71	21.07	20.87	22.00
5		12	0	19.61	19.75	19.70	21.00
5		12	7	19.70	19.78	19.72	21.00
5		12	13	19.53	19.70	19.65	21.00
5		25	0	19.56	19.91	19.69	21.00
5	256QAM	1	0	17.61	17.80	17.82	19.00
5		1	12	17.99	18.08	17.83	19.00
5		1	24	17.86	17.80	17.64	19.00
5		12	0	17.48	17.71	17.80	19.00
5		12	7	17.54	17.78	17.80	19.00
5		12	13	17.78	17.79	17.73	19.00
5		25	0	17.60	17.63	17.69	19.00
Channel				131987	132322	132657	Tune-up Limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.49	22.74	22.91	24.00
3		1	8	22.48	22.77	22.77	24.00
3		1	14	22.70	22.81	22.58	24.00
3		8	0	21.84	21.82	21.74	23.00
3		8	4	21.43	21.86	21.76	23.00
3		8	7	21.71	21.81	21.74	23.00
3		15	0	21.46	21.75	21.72	23.00
3	16QAM	1	0	21.84	21.85	21.69	23.00
3		1	8	21.91	22.19	21.89	23.00
3		1	14	22.09	22.00	22.15	23.00
3		8	0	20.63	20.77	20.69	22.00
3		8	4	20.57	20.80	20.80	22.00
3		8	7	20.75	20.79	20.60	22.00
3		15	0	20.61	20.63	20.84	22.00
3	64QAM	1	0	20.62	20.81	20.78	22.00
3		1	8	20.62	20.80	20.78	22.00
3		1	14	20.66	20.90	20.90	22.00
3		8	0	19.69	19.80	19.63	21.00
3		8	4	19.59	19.74	19.54	21.00
3		8	7	19.61	19.80	19.72	21.00
3		15	0	19.58	19.87	19.66	21.00
3	256QAM	1	0	17.74	17.89	17.70	19.00
3		1	8	18.01	17.91	17.84	19.00
3		1	14	17.80	17.89	17.85	19.00
3		8	0	17.65	17.82	17.63	19.00
3		8	4	17.65	17.86	17.70	19.00
3		8	7	17.74	17.85	17.60	19.00
3		15	0	17.50	17.67	17.71	19.00
Channel				131979	132322	132665	Tune-up Limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	22.68	22.67	22.73	24.00
1.4		1	3	22.72	22.79	22.63	24.00
1.4		1	5	22.54	22.60	22.76	24.00
1.4		3	0	21.91	22.02	21.84	24.00
1.4		3	1	21.82	21.90	21.90	24.00
1.4		3	3	21.93	22.00	21.94	24.00
1.4		6	0	21.62	21.76	21.78	23.00
1.4	16QAM	1	0	21.81	22.04	21.76	23.00
1.4		1	3	21.92	22.07	21.89	23.00
1.4		1	5	21.98	22.21	22.15	23.00
1.4		3	0	20.98	20.95	20.80	23.00
1.4		3	1	20.91	21.00	20.97	23.00
1.4		3	3	20.89	20.98	21.01	23.00
1.4		6	0	20.74	20.88	20.67	22.00
1.4	64QAM	1	0	20.80	20.96	20.66	22.00
1.4		1	3	20.84	20.95	20.91	22.00
1.4		1	5	20.84	21.00	21.00	22.00
1.4		3	0	19.93	19.98	19.81	22.00
1.4		3	1	19.90	20.02	19.93	22.00
1.4		3	3	19.90	19.86	19.87	22.00
1.4		6	0	19.66	19.78	19.77	21.00
1.4	256QAM	1	0	17.62	17.94	17.90	19.00
1.4		1	3	17.75	17.96	17.77	19.00
1.4		1	5	17.52	17.93	17.69	19.00
1.4		3	0	17.66	17.66	17.65	19.00
1.4		3	1	17.51	17.77	17.77	19.00
1.4		3	3	17.67	17.89	17.78	19.00
1.4		6	0	17.63	17.88	17.65	19.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.82	23.88	23.79	25.00
20		1	49	23.84	23.87	23.68	25.00
20		1	99	23.72	23.80	23.76	25.00
20		50	0	22.54	22.78	22.75	24.00
20		50	24	22.44	22.60	22.70	24.00
20		50	50	22.65	22.76	22.62	24.00
20		100	0	22.85	22.81	22.87	24.00
20	16QAM	1	0	22.94	22.80	23.01	24.00
20		1	49	22.87	22.91	22.86	24.00
20		1	99	22.98	22.80	22.76	24.00
20		50	0	21.66	21.70	21.55	23.00
20		50	24	21.72	21.66	21.66	23.00
20		50	50	21.65	21.78	21.63	23.00
20		100	0	21.74	21.78	21.86	23.00
20	64QAM	1	0	21.87	21.94	21.97	23.00
20		1	49	21.63	21.89	21.57	23.00
20		1	99	21.61	21.79	21.85	23.00
20		50	0	20.83	20.89	20.72	22.00
20		50	24	20.71	20.72	20.68	22.00
20		50	50	20.62	20.83	20.88	22.00
20		100	0	20.82	20.84	20.83	22.00
20	256QAM	1	0	18.89	18.83	18.83	20.00
20		1	49	18.94	18.82	18.94	20.00
20		1	99	18.69	18.74	18.57	20.00
20		50	0	18.73	18.91	18.79	20.00
20		50	24	18.75	18.79	18.63	20.00
20		50	50	18.91	18.79	18.74	20.00
20		100	0	18.65	19.02	19.02	20.00
Channel				132041	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.63	23.69	23.63	25.00
15		1	37	23.80	23.78	23.47	25.00
15		1	74	23.66	23.61	23.57	25.00
15		36	0	22.48	22.68	22.56	24.00
15		36	20	22.40	22.61	22.65	24.00
15		36	39	22.50	22.63	22.40	24.00
15		75	0	22.83	22.82	22.87	24.00
15	16QAM	1	0	22.74	22.73	22.90	24.00
15		1	37	22.75	22.82	22.68	24.00
15		1	74	22.91	22.67	22.65	24.00
15		36	0	21.44	21.52	21.42	23.00
15		36	20	21.71	21.52	21.57	23.00
15		36	39	21.45	21.67	21.63	23.00
15		75	0	21.62	21.70	21.70	23.00
15	64QAM	1	0	21.79	21.94	21.92	23.00
15		1	37	21.59	21.83	21.53	23.00
15		1	74	21.57	21.74	21.65	23.00
15		36	0	20.64	20.75	20.57	22.00
15		36	20	20.56	20.59	20.69	22.00
15		36	39	20.63	20.63	20.69	22.00
15		75	0	20.69	20.71	20.85	22.00
15	256QAM	1	0	18.73	18.79	18.46	20.00
15		1	37	18.84	18.74	18.94	20.00
15		1	74	18.67	18.68	18.54	20.00
15		36	0	18.62	18.83	18.78	20.00
15		36	20	18.59	18.72	18.47	20.00
15		36	39	18.74	18.71	18.73	20.00
15		75	0	18.46	18.82	19.02	20.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.64	23.86	23.69	25.00
10		1	25	23.86	23.75	23.59	25.00
10		1	49	23.51	23.66	23.59	25.00
10		25	0	22.35	22.68	22.63	24.00
10		25	12	22.26	22.56	22.58	24.00
10		25	25	22.65	22.75	22.55	24.00
10		50	0	22.81	22.60	22.81	24.00
10	16QAM	1	0	22.80	22.64	22.79	24.00
10		1	25	22.85	22.77	22.69	24.00
10		1	49	22.02	22.64	22.73	24.00
10		25	0	21.54	21.53	21.56	23.00
10		25	12	21.71	21.62	21.50	23.00
10		25	25	21.48	21.76	21.56	23.00
10		50	0	21.60	21.75	21.71	23.00
10	64QAM	1	0	21.72	21.79	21.94	23.00
10		1	25	21.57	21.78	21.45	23.00
10		1	49	21.42	21.74	21.68	23.00
10		25	0	20.84	20.87	20.58	22.00
10		25	12	20.59	20.72	20.56	22.00
10		25	25	20.42	20.76	20.70	22.00
10		50	0	20.84	20.78	20.66	22.00
10	256QAM	1	0	18.72	18.68	18.58	20.00
10		1	25	18.83	18.78	18.79	20.00
10		1	49	18.64	18.56	18.40	20.00
10		25	0	18.71	18.90	18.66	20.00
10		25	12	18.71	18.61	18.47	20.00
10		25	25	18.76	18.62	18.75	20.00
10		50	0	18.46	19.01	18.87	20.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.78	23.77	23.64	25.00
5		1	12	23.72	23.83	23.65	25.00
5		1	24	23.51	23.80	23.64	25.00
5		12	0	22.36	22.73	22.64	24.00
5		12	7	22.37	22.45	22.67	24.00
5		12	13	22.54	22.67	22.60	24.00
5		25	0	22.83	22.83	22.89	24.00
5	16QAM	1	0	22.93	22.68	22.90	24.00
5		1	12	22.71	22.74	22.79	24.00
5		1	24	22.91	22.69	22.67	24.00
5		12	0	21.48	21.64	21.54	23.00
5		12	7	21.51	21.49	21.65	23.00
5		12	13	21.61	21.67	21.42	23.00
5		25	0	21.56	21.58	21.87	23.00
5	64QAM	1	0	21.85	21.95	21.98	23.00
5		1	12	21.48	21.75	21.51	23.00
5		1	24	21.54	21.77	21.73	23.00
5		12	0	20.63	20.70	20.64	22.00
5		12	7	20.57	20.71	20.63	22.00
5		12	13	20.46	20.73	20.74	22.00
5		25	0	20.74	20.71	20.65	22.00
5	256QAM	1	0	18.78	18.82	18.52	20.00
5		1	12	18.86	18.64	18.90	20.00
5		1	24	18.58	18.53	18.43	20.00
5		12	0	18.55	18.79	18.74	20.00
5		12	7	18.62	18.58	18.54	20.00
5		12	13	18.76	18.74	18.72	20.00
5		25	0	18.58	18.83	19.04	20.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.79	23.69	23.78	25.00
3		1	8	23.78	23.72	23.66	25.00
3		1	14	23.61	23.82	23.70	25.00
3		8	0	22.39	22.59	22.67	24.00
3		8	4	22.28	22.60	22.57	24.00
3		8	7	22.47	22.76	22.56	24.00
3		15	0	22.74	22.70	22.67	24.00
3	16QAM	1	0	22.87	22.69	22.99	24.00
3		1	8	22.73	22.80	22.70	24.00
3		1	14	22.93	22.80	22.56	24.00
3		8	0	21.48	21.53	21.50	23.00
3		8	4	21.55	21.59	21.40	23.00
3		8	7	21.54	21.66	21.50	23.00
3		15	0	21.67	21.62	21.88	23.00
3	64QAM	1	0	21.79	21.92	21.90	23.00
3		1	8	21.49	21.69	21.38	23.00
3		1	14	21.56	21.72	21.75	23.00
3		8	0	20.76	20.77	20.51	22.00
3		8	4	20.54	20.63	20.68	22.00
3		8	7	20.52	20.66	20.69	22.00
3		15	0	20.67	20.82	20.63	22.00
3	256QAM	1	0	18.84	18.67	18.57	20.00
3		1	8	18.82	18.64	18.91	20.00
3		1	14	18.67	18.66	18.42	20.00
3		8	0	18.68	18.92	18.70	20.00
3		8	4	18.72	18.58	18.57	20.00
3		8	7	18.83	18.80	18.69	20.00
3		15	0	18.48	18.94	18.81	20.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.68	23.60	23.68	25.00
1.4		1	3	23.80	23.76	23.58	25.00
1.4		1	5	23.62	23.71	23.79	25.00
1.4		3	0	22.86	23.01	22.94	25.00
1.4		3	1	22.73	22.96	22.93	25.00
1.4		3	3	22.88	22.88	22.89	25.00
1.4		6	0	22.61	22.77	22.72	24.00
1.4	16QAM	1	0	22.71	22.96	22.69	24.00
1.4		1	3	22.99	23.14	22.88	24.00
1.4		1	5	22.89	23.23	23.10	24.00
1.4		3	0	22.04	22.06	21.91	24.00
1.4		3	1	21.92	22.11	21.88	24.00
1.4		3	3	21.80	21.98	22.02	24.00
1.4		6	0	21.70	21.93	21.70	23.00
1.4	64QAM	1	0	21.86	22.05	21.56	23.00
1.4		1	3	21.93	21.88	21.92	23.00
1.4		1	5	21.76	22.00	22.11	23.00
1.4		3	0	20.83	21.07	20.81	23.00
1.4		3	1	20.88	21.13	21.05	23.00
1.4		3	3	20.92	20.89	20.84	23.00
1.4		6	0	20.69	20.76	20.83	22.00
1.4	256QAM	1	0	18.81	18.83	19.01	20.00
1.4		1	3	18.83	18.88	18.89	20.00
1.4		1	5	18.55	18.99	18.60	20.00
1.4		3	0	18.59	18.68	18.71	20.00
1.4		3	1	18.49	18.66	18.70	20.00
1.4		3	3	18.60	18.91	18.85	20.00
1.4		6	0	18.59	18.82	18.68	20.00

<LTE Band 2_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	25.36	23.52	23.44	24.00
20		1	49	23.47	23.50	23.35	24.00
20		1	99	23.45	23.48	23.27	24.00
20		50	0	22.46	22.49	22.47	23.00
20		50	24	22.46	22.46	22.41	23.00
20		50	50	22.40	22.49	22.48	23.00
20		100	0	22.34	22.47	22.35	23.00
20	16QAM	1	0	22.48	22.63	22.62	23.00
20		1	49	22.59	22.59	22.44	23.00
20		1	99	22.35	22.56	22.54	23.00
20		50	0	21.50	21.52	21.47	22.00
20		50	24	21.25	21.45	21.28	22.00
20		50	50	21.46	21.48	21.37	22.00
20		100	0	21.46	21.51	21.48	22.00
20	64QAM	1	0	21.58	21.66	21.51	22.00
20		1	49	21.45	21.61	21.44	22.00
20		1	99	21.48	21.54	21.55	22.00
20		50	0	20.55	20.53	20.32	21.00
20		50	24	20.31	20.50	20.38	21.00
20		50	50	20.37	20.49	20.47	21.00
20		100	0	20.52	20.50	20.45	21.00
20	256QAM	1	0	18.20	18.42	18.41	19.00
20		1	49	18.37	18.39	18.27	19.00
20		1	99	18.33	18.32	18.21	19.00
20		50	0	18.34	18.51	18.50	19.00
20		50	24	18.49	18.50	18.34	19.00
20		50	50	18.30	18.52	18.37	19.00
20		100	0	18.37	18.50	18.29	19.00
Channel				18675	18900	19125	Tune-up Limit
Frequency (MHz)				1857.5	1880	1902.5	(dBm)
15	QPSK	1	0	23.22	23.37	23.42	24.00
15		1	37	23.40	23.40	23.35	24.00
15		1	74	23.27	23.45	23.18	24.00
15		36	0	22.27	22.48	22.18	23.00
15		36	20	22.47	22.24	22.12	23.00
15		36	39	22.32	22.49	22.23	23.00
15		75	0	22.23	22.38	22.15	23.00
15	16QAM	1	0	22.44	22.54	22.39	23.00
15		1	37	22.47	22.46	22.21	23.00
15		1	74	22.16	22.58	22.37	23.00
15		36	0	21.40	21.33	21.29	22.00
15		36	20	21.23	21.29	21.46	22.00
15		36	39	21.27	21.29	21.29	22.00
15		75	0	21.21	21.49	21.35	22.00
15	64QAM	1	0	21.53	21.62	21.46	22.00
15		1	37	21.21	21.44	21.50	22.00
15		1	74	21.13	21.47	21.36	22.00
15		36	0	20.43	20.54	20.26	21.00
15		36	20	20.28	20.38	20.28	21.00
15		36	39	20.38	20.39	20.30	21.00
15		75	0	20.27	20.47	20.15	21.00
15	256QAM	1	0	18.16	18.24	18.25	19.00
15		1	37	18.21	18.34	18.03	19.00
15		1	74	18.06	18.32	17.98	19.00
15		36	0	18.38	18.40	18.31	19.00
15		36	20	18.31	18.39	18.38	19.00
15		36	39	18.40	18.31	18.24	19.00
15		75	0	18.28	18.50	18.23	19.00
Channel				18650	18900	19150	Tune-up Limit
Frequency (MHz)				1855	1880	1905	(dBm)
10	QPSK	1	0	23.32	23.46	23.37	24.00
10		1	25	23.27	23.37	23.37	24.00
10		1	49	23.22	23.43	23.13	24.00
10		25	0	22.34	22.46	22.26	23.00
10		25	12	22.46	22.44	22.15	23.00
10		25	25	22.11	22.44	22.30	23.00
10		50	0	22.39	22.49	22.24	23.00
10	16QAM	1	0	22.59	22.49	22.35	23.00
10		1	25	22.43	22.38	22.25	23.00
10		1	49	22.18	22.55	22.44	23.00
10		25	0	21.19	21.48	21.25	22.00
10		25	12	21.25	21.25	21.45	22.00
10		25	25	21.30	21.27	21.45	22.00
10		50	0	21.27	21.37	21.41	22.00
10	64QAM	1	0	21.49	21.52	21.60	22.00
10		1	25	21.28	21.44	21.52	22.00
10		1	49	21.26	21.39	21.52	22.00
10		25	0	20.28	20.38	20.19	21.00
10		25	12	20.28	20.50	20.21	21.00
10		25	25	20.22	20.34	20.24	21.00
10		50	0	20.33	20.42	20.16	21.00
10	256QAM	1	0	18.16	18.43	18.33	19.00
10		1	25	18.24	18.26	18.18	19.00
10		1	49	17.90	18.17	18.02	19.00
10		25	0	18.50	18.49	18.15	19.00
10		25	12	18.28	18.47	18.25	19.00
10		25	25	18.30	18.30	18.28	19.00
10		50	0	18.41	18.31	18.21	19.00
Channel				18625	18900	19175	Tune-up Limit
Frequency (MHz)				1852.5	1880	1907.5	(dBm)
5	QPSK	1	0	23.35	23.36	23.36	24.00
5		1	12	23.37	23.36	23.45	24.00
5		1	24	23.30	23.40	23.13	24.00
5		12	0	22.36	22.46	22.20	23.00
5		12	7	22.48	22.27	22.13	23.00
5		12	13	22.18	22.43	22.26	23.00
5		25	0	22.42	22.29	22.18	23.00
5	16QAM	1	0	22.51	22.50	22.43	23.00
5		1	12	22.37	22.55	22.19	23.00
5		1	24	22.20	22.52	22.24	23.00
5		12	0	21.41	21.47	21.36	22.00
5		12	7	21.13	21.26	21.43	22.00
5		12	13	21.22	21.30	21.33	22.00
5		25	0	21.30	21.37	21.34	22.00
5	64QAM	1	0	21.52	21.63	21.44	22.00
5		1	12	21.36	21.49	21.38	22.00
5		1	24	21.13	21.54	21.35	22.00
5		12	0	20.37	20.51	20.24	21.00
5		12	7	20.44	20.47	20.33	21.00
5		12	13	20.30	20.44	20.22	21.00
5		25	0	20.48	20.46	20.29	21.00
5	256QAM	1	0	18.26	18.31	18.38	19.00
5		1	12	18.24	18.19	18.19	19.00
5		1	24	18.00	18.30	18.08	19.00
5		12	0	18.46	18.53	18.26	19.00
5		12	7	18.25	18.32	18.18	19.00
5		12	13	18.32	18.43	18.29	19.00
5		25	0	18.45	18.31	18.30	19.00
Channel				18615	18900	19185	Tune-up Limit
Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	23.35	23.40	23.42	24.00
3		1	8	23.25	23.30	23.47	24.00
3		1	14	23.31	23.34	23.31	24.00
3		8	0	22.38	22.34	22.30	23.00
3		8	4	22.25	22.33	22.21	23.00
3		8	7	22.11	22.33	22.17	23.00
3		15	0	22.34	22.30	22.22	23.00
3	16QAM	1	0	22.57	22.58	22.36	23.00
3		1	8	22.46	22.47	22.39	23.00
3		1	14	22.34	22.57	22.36	23.00
3		8	0	21.20	21.36	21.27	22.00
3		8	4	21.31	21.46	21.28	22.00
3		8	7	21.27	21.36	21.28	22.00
3		15	0	21.40	21.32	21.47	22.00
3	64QAM	1	0	21.34	21.56	21.65	22.00
3		1	8	21.41	21.41	21.48	22.00
3		1	14	21.27	21.41	21.53	22.00
3		8	0	20.40	20.45	20.29	21.00
3		8	4	20.39	20.33	20.26	21.00
3		8	7	20.24	20.37	20.14	21.00
3		15	0	20.39	20.51	20.18	21.00
3	256QAM	1	0	18.30	18.44	18.34	19.00
3		1	8	18.41	18.21	18.05	19.00
3		1	14	18.01	18.24	18.16	19.00
3		8	0	18.47	18.38	18.11	19.00
3		8	4	18.32	18.33	18.36	19.00
3		8	7	18.21	18.44	18.35	19.00
3		15	0	18.51	18.28	18.35	19.00
Channel				18607	18900	19193	Tune-up Limit
Frequency (MHz)				1850.7	1880	1909.3	(dBm)
1.4	QPSK	1	0	23.16	23.49	23.25	24.00
1.4		1	3	23.32	23.42	23.50	24.00
1.4		1	5	23.33	23.35	23.10	24.00
1.4		3	0	23.32	23.46	23.40	24.00
1.4		3	1	23.23	23.52	23.28	24.00
1.4		3	3	23.23	23.47	23.21	24.00
1.4	16QAM	6	0	22.37	22.34	22.18	23.00
1.4		1	0	22.54	22.48	22.36	23.00
1.4		1	3	22.53	22.55	22.35	23.00
1.4		1	5	22.18	22.47	22.25	23.00
1.4		3	0	22.40	22.43	22.55	23.00
1.4		3	1	22.41	22.58	22.27	23.00
1.4		3	3	22.25	22.49	22.29	23.00
1.4		6	0	21.25	21.49	21.33	22.00
1.4	64QAM	1	0	21.42	21.55	21.45	22.00
1.4		1	3	21.27	21.46	21.35	22.00
1.4		1	5	21.15	21.45	21.35	22.00
1.4		3	0	21.30	21.45	21.25	22.00
1.4		3	1	21.18	21.37	21.24	22.00
1.4		3	3	21.14	21.32	21.32	22.00
1.4		6	0	20.45	20.30	20.29	21.00
1.4	256QAM	1	0	18.29	18.35	18.19	19.00
1.4		1	3	18.26	18.26	18.19	19.00
1.4		1	5	17.96	18.30	17.99	19.00
1.4		3	0	18.39	18.42	18.26	19.00
1.4		3	1	18.16	18.30	18.18	19.00
1.4		3	3	18.28	18.40	18.20	19.00
1.4		6	0	18.42	18.46	18.27	19.00

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<LTE Band 4_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.32	23.35	23.29	24.00
20		1	49	23.11	23.21	23.06	24.00
20		1	99	23.22	23.28	23.08	24.00
20		50	0	22.35	22.35	22.23	23.00
20		50	24	22.01	22.09	21.95	23.00
20		50	50	22.04	22.25	22.27	23.00
20		100	0	22.12	22.16	22.07	23.00
20	16QAM	1	0	22.29	22.35	22.18	23.00
20		1	49	22.42	22.61	22.62	23.00
20		1	99	22.51	22.71	22.72	23.00
20		50	0	20.99	21.08	20.98	22.00
20		50	24	21.22	21.23	21.01	22.00
20		50	50	21.23	21.23	21.15	22.00
20		100	0	21.18	21.20	21.06	22.00
20	64QAM	1	0	21.24	21.25	21.13	22.00
20		1	49	21.43	21.52	21.44	22.00
20		1	99	21.41	21.60	21.52	22.00
20		50	0	20.20	20.21	20.16	21.00
20		50	24	20.15	20.32	20.22	21.00
20		50	50	20.08	20.25	20.06	21.00
20		100	0	20.16	20.20	20.09	21.00
20	256QAM	1	0	18.00	18.15	18.02	19.00
20		1	49	18.25	18.30	18.15	19.00
20		1	99	18.19	18.40	18.21	19.00
20		50	0	17.93	18.10	17.90	19.00
20		50	24	18.22	18.21	18.13	19.00
20		50	50	18.22	18.25	18.12	19.00
20		100	0	18.23	18.22	18.13	19.00
Channel				20025	20175	20325	Tune-up Limit
Frequency (MHz)				1717.5	1732.5	1747.5	(dBm)
15	QPSK	1	0	23.23	23.23	23.26	24.00
15		1	37	23.01	23.02	23.07	24.00
15		1	74	23.00	23.17	23.06	24.00
15		36	0	22.22	22.26	22.01	23.00
15		36	20	22.00	22.02	21.74	23.00
15		36	39	22.03	22.04	22.15	23.00
15	16QAM	75	0	21.92	22.12	21.94	23.00
15		1	0	22.07	22.28	22.12	23.00
15		1	37	22.30	22.56	22.50	23.00
15		1	74	22.34	22.53	22.64	23.00
15		36	0	20.80	20.96	20.98	22.00
15		36	20	21.01	21.13	20.80	22.00
15		36	39	21.18	21.23	21.04	22.00
15		75	0	21.14	21.04	21.06	22.00
15	64QAM	1	0	21.04	21.12	21.03	22.00
15		1	37	21.32	21.32	21.27	22.00
15		1	74	21.34	21.57	21.52	22.00
15		36	0	20.21	20.19	20.00	21.00
15		36	20	19.94	20.14	20.23	21.00
15		36	39	20.05	20.20	20.01	21.00
15		75	0	19.98	20.04	20.01	21.00
15	256QAM	1	0	17.97	18.13	17.86	19.00
15		1	37	18.06	18.10	18.04	19.00
15		1	74	18.14	18.33	18.13	19.00
15		36	0	17.75	17.94	17.81	19.00
15		36	20	18.01	18.22	18.13	19.00
15		36	39	18.20	18.20	17.99	19.00
15		75	0	18.14	18.03	18.08	19.00
Channel				20000	20175	20350	Tune-up Limit
Frequency (MHz)				1715	1732.5	1750	(dBm)
10	QPSK	1	0	23.30	23.24	23.28	24.00
10		1	25	23.04	23.14	22.92	24.00
10		1	49	23.22	23.29	22.96	24.00
10		25	0	22.27	22.20	22.12	23.00
10		25	12	21.98	22.06	21.86	23.00
10		25	25	21.88	22.21	22.29	23.00
10		50	0	21.97	22.16	22.02	23.00
10	16QAM	1	0	22.20	22.25	22.10	23.00
10		1	25	22.34	22.42	22.55	23.00
10		1	49	22.45	22.58	22.60	23.00
10		25	0	21.00	20.95	21.00	22.00
10		25	12	21.12	21.22	20.87	22.00
10		25	25	21.12	21.05	20.95	22.00
10		50	0	21.11	21.13	20.90	22.00
10	64QAM	1	0	21.26	21.06	21.05	22.00
10		1	25	21.32	21.47	21.36	22.00
10		1	49	21.32	21.51	21.33	22.00
10		25	0	20.07	20.23	20.01	21.00
10		25	12	20.05	20.15	20.23	21.00
10		25	25	19.93	20.14	19.89	21.00
10		50	0	20.08	19.99	20.04	21.00
10	256QAM	1	0	17.81	18.10	17.80	19.00
10		1	25	18.22	18.10	18.05	19.00
10		1	49	18.04	18.27	18.04	19.00
10		25	0	17.91	17.89	17.74	19.00
10		25	12	18.03	18.04	18.04	19.00
10		25	25	18.12	18.20	17.99	19.00
10		50	0	18.23	18.09	18.12	19.00
Channel				19975	20175	20375	Tune-up Limit
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)
5	QPSK	1	0	23.23	23.35	23.23	24.00
5		1	12	22.99	23.16	22.98	24.00
5		1	24	23.06	23.11	23.07	24.00
5		12	0	22.14	22.19	22.18	23.00
5		12	7	21.82	21.90	21.76	23.00
5		12	13	22.02	22.24	22.28	23.00
5		25	0	21.94	22.07	22.03	23.00
5	16QAM	1	0	22.27	22.29	22.03	23.00
5		1	12	22.31	22.62	22.60	23.00
5		1	24	22.48	22.63	22.57	23.00
5		12	0	20.83	21.04	20.82	22.00
5		12	7	21.04	21.10	20.84	22.00
5		12	13	21.11	21.10	21.10	22.00
5		25	0	21.17	21.13	20.95	22.00
5	64QAM	1	0	21.15	21.12	21.00	22.00
5		1	12	21.37	21.47	21.44	22.00
5		1	24	21.38	21.51	21.52	22.00
5		12	0	20.08	20.04	20.15	21.00
5		12	7	20.16	20.22	20.11	21.00
5		12	13	19.92	20.10	19.88	21.00
5		25	0	20.12	20.06	20.11	21.00
5	256QAM	1	0	17.86	17.95	17.86	19.00
5		1	12	18.08	18.16	18.01	19.00
5		1	24	18.13	18.38	18.12	19.00
5		12	0	17.75	18.05	17.81	19.00
5		12	7	18.11	18.02	17.94	19.00
5		12	13	18.03	18.21	18.09	19.00
5		25	0	18.17	18.11	18.03	19.00
Channel				19965	20175	20385	Tune-up Limit
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.26	23.27	23.09	24.00
3		1	8	22.99	23.07	22.90	24.00
3		1	14	23.05	23.15	22.89	24.00
3		8	0	22.27	22.21	22.02	23.00
3		8	4	21.92	22.04	21.75	23.00
3		8	7	21.83	22.19	22.17	23.00
3		15	0	21.93	22.05	22.00	23.00
3	16QAM	1	0	22.19	22.17	22.16	23.00
3		1	8	22.24	22.54	22.55	23.00
3		1	14	22.36	22.60	22.56	23.00
3		8	0	20.96	21.05	20.77	22.00
3		8	4	21.03	21.22	20.83	22.00
3		8	7	21.03	21.11	21.05	22.00
3		15	0	21.05	21.14	21.05	22.00
3	64QAM	1	0	21.19	21.09	21.09	22.00
3		1	8	21.33	21.51	21.25	22.00
3		1	14	21.43	21.42	21.38	22.00
3		8	0	19.99	20.06	20.16	21.00
3		8	4	19.99	20.32	20.04	21.00
3		8	7	20.00	20.05	19.98	21.00
3		15	0	19.98	20.08	20.07	21.00
3	256QAM	1	0	17.78	17.95	17.87	19.00
3		1	8	18.13	18.25	18.16	19.00
3		1	14	18.03	18.26	18.05	19.00
3		8	0	17.86	18.04	17.89	19.00
3		8	4	18.18	18.21	18.11	19.00
3		8	7	18.07	18.03	17.92	19.00
3		15	0	18.16	18.24	18.15	19.00
Channel				19957	20175	20393	Tune-up Limit
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)
1.4	QPSK	1	0	22.73	23.07	22.70	24.00
1.4		1	3	22.64	22.75	22.51	24.00
1.4		1	5	22.43	23.02	22.64	24.00
1.4		3	0	22.02	22.09	21.92	24.00
1.4		3	1	21.90	22.07	22.10	24.00
1.4		3	3	21.94	21.91	21.91	24.00
1.4	16QAM	6	0	21.40	21.77	21.60	23.00
1.4		1	0	21.71	22.11	21.69	23.00
1.4		1	3	21.93	22.13	21.84	23.00
1.4		1	5	21.94	22.34	21.93	23.00
1.4		3	0	20.90	20.91	20.88	23.00
1.4		3	1	21.09	21.09	21.08	23.00
1.4		3	3	21.01	21.08	21.12	23.00
1.4		6	0	20.60	20.69	20.52	22.00
1.4	64QAM	1	0	20.45	20.86	20.42	22.00
1.4		1	3	20.76	21.16	20.94	22.00
1.4		1	5	20.90	21.16	20.86	22.00
1.4		3	0	19.92	20.06	20.12	22.00
1.4		3	1	19.98	20.08	19.89	22.00
1.4		3	3	20.00	20.12	19.96	22.00
1.4		6	0	19.36	19.77	19.65	21.00
1.4	256QAM	1	0	17.39	17.73	17.46	19.00
1.4		1	3	17.70	18.10	17.86	19.00
1.4		1	5	17.81	18.19	17.71	19.00
1.4		3	0	17.37	17.74	17.37	19.00
1.4		3	1	17.55	17.66	17.60	19.00
1.4		3	3	17.56	17.69	17.61	19.00
1.4		6	0	17.49	17.68	17.60	19.00

<LTE Band 66_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.26	23.42	23.20	24.00
20		1	49	23.27	23.27	23.09	24.00
20		1	99	23.27	23.36	23.35	24.00
20		50	0	22.09	22.30	22.09	23.00
20		50	24	22.04	22.24	22.20	23.00
20		50	50	22.25	22.28	22.20	23.00
20		100	0	22.16	22.27	22.08	23.00
20	16QAM	1	0	22.19	22.28	22.17	23.00
20		1	49	22.31	22.51	22.45	23.00
20		1	99	22.59	22.71	22.52	23.00
20		50	0	21.16	21.24	21.18	22.00
20		50	24	21.12	21.18	21.02	22.00
20		50	50	21.42	21.40	21.20	22.00
20		100	0	21.11	21.24	21.08	22.00
20	64QAM	1	0	21.31	21.29	21.23	22.00
20		1	49	21.25	21.38	21.34	22.00
20		1	99	21.47	21.67	21.54	22.00
20		50	0	20.16	20.22	20.12	21.00
20		50	24	20.01	20.20	20.03	21.00
20		50	50	20.19	20.36	20.27	21.00
20		100	0	20.15	20.35	20.29	21.00
20	256QAM	1	0	18.15	18.18	18.19	19.00
20		1	49	18.36	18.43	18.42	19.00
20		1	99	18.28	18.41	18.39	19.00
20		50	0	18.10	18.14	18.10	19.00
20		50	24	18.16	18.19	18.18	19.00
20		50	50	18.23	18.32	18.23	19.00
20		100	0	18.00	18.18	18.18	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.12	23.24	23.14	24.00
15		1	37	23.17	23.20	23.03	24.00
15		1	74	23.19	23.26	23.28	24.00
15		36	0	21.98	22.14	21.93	23.00
15		36	20	22.00	22.20	22.15	23.00
15		36	39	22.07	22.16	22.04	23.00
15		75	0	21.99	22.13	22.05	23.00
15	16QAM	1	0	22.09	22.17	21.98	23.00
15		1	37	22.32	22.50	22.34	23.00
15		1	74	22.55	22.53	22.52	23.00
15		36	0	21.02	21.10	21.15	22.00
15		36	20	20.97	21.11	21.01	22.00
15		36	39	21.37	21.34	21.02	22.00
15		75	0	21.10	21.07	20.96	22.00
15	64QAM	1	0	21.31	21.22	21.14	22.00
15		1	37	21.03	21.17	21.26	22.00
15		1	74	21.38	21.52	21.44	22.00
15		36	0	20.07	20.13	20.00	21.00
15		36	20	19.97	19.98	19.95	21.00
15		36	39	20.09	20.25	20.14	21.00
15		75	0	20.11	20.35	20.29	21.00
15	256QAM	1	0	18.16	18.18	18.02	19.00
15		1	37	18.17	18.25	18.39	19.00
15		1	74	18.16	18.29	18.29	19.00
15		36	0	17.95	18.06	18.03	19.00
15		36	20	18.01	18.05	17.97	19.00
15		36	39	18.02	18.14	18.13	19.00
15		75	0	17.81	18.07	18.05	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.17	23.29	23.17	24.00
10		1	25	23.06	23.23	22.96	24.00
10		1	49	23.23	23.28	23.27	24.00
10		25	0	22.07	22.16	21.97	23.00
10		25	12	22.05	22.08	22.17	23.00
10		25	25	22.05	22.20	22.15	23.00
10		50	0	22.17	22.08	21.93	23.00
10	16QAM	1	0	22.14	22.07	21.98	23.00
10		1	25	22.33	22.52	22.40	23.00
10		1	49	22.57	22.66	22.42	23.00
10		25	0	21.05	21.15	21.03	22.00
10		25	12	21.00	21.10	20.89	22.00
10		25	25	21.44	21.32	20.99	22.00
10		50	0	21.12	21.25	21.06	22.00
10	64QAM	1	0	21.14	21.09	21.06	22.00
10		1	25	21.17	21.29	21.31	22.00
10		1	49	21.48	21.66	21.38	22.00
10		25	0	20.08	20.14	20.11	21.00
10		25	12	19.97	20.14	19.84	21.00
10		25	25	20.10	20.34	20.07	21.00
10		50	0	20.00	20.15	20.24	21.00
10	256QAM	1	0	17.97	18.19	18.19	19.00
10		1	25	18.36	18.36	18.21	19.00
10		1	49	18.28	18.24	18.37	19.00
10		25	0	18.00	17.95	18.06	19.00
10		25	12	18.16	18.07	17.96	19.00
10		25	25	18.24	18.18	18.22	19.00
10		50	0	18.00	18.06	18.04	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.17	23.42	23.10	24.00
5		1	12	23.12	23.09	22.91	24.00
5		1	24	23.28	23.26	23.27	24.00
5		12	0	22.07	22.16	22.07	23.00
5		12	7	21.82	22.22	22.07	23.00
5		12	13	22.15	22.09	22.02	23.00
5		25	0	22.02	22.13	21.94	23.00
5	16QAM	1	0	22.15	22.14	22.19	23.00
5		1	12	22.13	22.37	22.30	23.00
5		1	24	22.50	22.55	22.34	23.00
5		12	0	21.07	21.17	21.08	22.00
5		12	7	21.00	20.97	20.80	22.00
5		12	13	21.25	21.29	21.02	22.00
5		25	0	21.02	21.25	21.04	22.00
5	64QAM	1	0	21.15	21.12	21.15	22.00
5		1	12	21.20	21.37	21.30	22.00
5		1	24	21.27	21.65	21.32	22.00
5		12	0	20.16	20.04	20.06	21.00
5		12	7	19.96	20.04	19.96	21.00
5		12	13	20.11	20.20	20.18	21.00
5		25	0	20.07	20.33	20.27	21.00
5	256QAM	1	0	18.11	17.97	18.07	19.00
5		1	12	18.24	18.45	18.43	19.00
5		1	24	18.26	18.22	18.31	19.00
5		12	0	17.88	18.15	17.89	19.00
5		12	7	18.11	18.03	17.98	19.00
5		12	13	18.11	18.15	18.13	19.00
5		25	0	18.01	18.06	18.11	19.00
Channel				131967	132322	132677	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.15	23.37	23.18	24.00
3		1	8	23.10	23.13	22.90	24.00
3		1	14	23.18	23.18	23.34	24.00
3		8	0	22.00	22.15	22.00	23.00
3		8	4	21.84	22.21	22.15	23.00
3		8	7	22.03	22.09	22.11	23.00
3		15	0	22.05	22.11	22.06	23.00
3	16QAM	1	0	22.14	22.15	22.19	23.00
3		1	8	22.10	22.49	22.43	23.00
3		1	14	22.49	22.53	22.38	23.00
3		8	0	20.99	21.22	21.09	22.00
3		8	4	20.97	21.08	20.91	22.00
3		8	7	21.25	21.41	21.17	22.00
3		15	0	20.94	21.14	20.89	22.00
3	64QAM	1	0	21.16	21.27	21.14	22.00
3		1	8	21.22	21.34	21.31	22.00
3		1	14	21.40	21.66	21.45	22.00
3		8	0	20.14	20.12	19.91	21.00
3		8	4	19.93	20.12	19.83	21.00
3		8	7	20.11	20.16	20.11	21.00
3		15	0	20.12	20.30	20.15	21.00
3	256QAM	1	0	17.95	18.16	18.21	19.00
3		1	8	18.19	18.36	18.42	19.00
3		1	14	18.22	18.33	18.17	19.00
3		8	0	18.09	17.98	18.09	19.00
3		8	4	18.10	18.18	18.19	19.00
3		8	7	18.06	18.15	18.17	19.00
3		15	0	18.02	18.11	18.14	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.10	23.19	23.05	24.00
1.4		1	3	22.95	23.07	23.08	24.00
1.4		1	5	22.93	23.19	22.96	24.00
1.4		3	0	23.03	23.11	23.04	24.00
1.4		3	1	22.88	22.95	22.90	24.00
1.4		3	3	23.06	22.99	23.10	24.00
1.4		6	0	22.05	22.28	22.04	23.00
1.4	16QAM	1	0	22.04	22.05	22.09	23.00
1.4		1	3	22.13	22.47	21.93	23.00
1.4		1	5	22.32	22.59	22.33	23.00
1.4		3	0	22.08	22.03	21.95	23.00
1.4		3	1	22.00	21.99	22.04	23.00
1.4		3	3	21.96	21.98	22.00	23.00
1.4		6	0	21.13	21.31	21.05	22.00
1.4	64QAM	1	0	20.97	21.10	21.03	22.00
1.4		1	3	21.13	21.31	21.06	22.00
1.4		1	5	21.15	21.52	21.13	22.00
1.4		3	0	20.06	21.10	21.01	22.00
1.4		3	1	21.06	21.03	21.01	22.00
1.4		3	3	21.12	20.88	20.93	22.00
1.4		6	0	19.91	20.10	20.10	21.00
1.4	256QAM	1	0	17.92	18.07	17.91	19.00
1.4		1	3	18.01	18.22	18.00	19.00
1.4		1	5	18.11	18.28	17.96	19.00
1.4		3	0	17.96	18.18	17.93	19.00
1.4		3	1	17.90	18.11	18.00	19.00
1.4		3	3	18.13	18.33	17.88	19.00
1.4		6	0	18.12	18.36	18.07	19.00

<FR1 n2_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	22.76	22.95	22.92	24.00
40		1	108	22.70	22.75	22.89	24.00
40		1	214	22.64	22.82	22.76	24.00
40	PI/2 BPSK	108	0	22.21	22.45	22.10	23.50
40		108	54	22.60	22.75	22.77	24.00
40		108	108	22.25	22.49	22.15	23.50
40		216	0	22.14	22.39	22.27	23.50
40		1	1	22.53	22.94	22.64	24.00
40		1	108	22.73	22.70	22.57	24.00
40		1	214	22.70	22.92	22.53	24.00
40	QPSK	108	0	21.78	21.85	21.82	23.00
40		108	54	22.80	22.82	22.64	24.00
40		108	108	21.80	21.84	21.69	23.00
40		216	0	21.56	21.91	21.56	23.00
40	16QAM	1	1	21.79	22.12	21.60	23.00
40	64QAM	1	1	19.95	20.11	20.08	21.50
40	256QAM	1	1	17.92	18.05	17.90	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.69	22.85	22.74	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.67	22.85	22.94	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.67	22.81	22.73	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.71	22.78	22.76	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.72	22.83	22.73	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.65	22.73	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.58	22.90	22.88	24.00

<FR1 n25_Ant 0_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	22.81	22.96	22.88	24.00
40		1	108	22.72	22.90	22.86	24.00
40		1	214	22.84	22.82	22.76	24.00
40	PI/2 BPSK	108	0	22.41	22.40	22.18	23.50
40		108	54	22.75	22.90	22.73	24.00
40		108	108	22.34	22.41	22.34	23.50
40		216	0	22.23	22.39	22.30	23.50
40		1	1	22.77	22.80	22.58	24.00
40		1	108	22.76	22.91	22.73	24.00
40		1	214	22.70	22.80	22.63	24.00
40	QPSK	108	0	22.81	22.88	22.74	23.00
40		108	54	22.77	22.87	22.71	24.00
40		108	108	21.72	21.90	21.76	23.00
40		216	0	21.87	21.88	21.70	23.00
40	16QAM	1	1	21.84	21.98	21.86	23.00
40	64QAM	1	1	20.15	20.15	20.04	21.50
40	256QAM	1	1	17.96	18.10	17.91	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	22.74	22.86	22.84	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.63	22.91	22.69	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.71	22.87	22.88	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.76	22.81	22.81	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.64	22.82	22.72	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.77	22.95	22.84	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.63	22.75	22.88	24.00

<FR1 n66_Ant 0_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	22.80	23.00	22.84	24.00
45		1	120	22.99	22.97	22.80	24.00
45		1	240	22.67	22.87	22.74	24.00
45	Pi/2 BPSK	120	0	22.21	22.40	22.24	23.50
45		120	60	22.74	22.94	22.84	24.00
45		120	120	22.25	22.42	22.38	23.50
45		240	0	22.34	22.36	22.20	23.50
45		1	1	22.61	22.80	22.80	24.00
45		1	120	23.00	22.99	22.93	24.00
45		1	240	22.77	22.89	22.82	24.00
45	QPSK	120	0	21.94	21.91	21.72	23.00
45		120	60	22.77	22.95	22.85	24.00
45		120	120	21.91	21.96	21.83	23.00
45		240	0	21.83	21.85	21.67	23.00
45	16QAM	1	1	21.85	21.91	21.82	23.00
45	64QAM	1	1	19.97	20.06	20.03	21.50
45	256QAM	1	1	17.90	18.09	17.93	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	22.73	22.86	22.77	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	22.81	23.01	22.75	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	22.81	22.80	22.84	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	22.75	22.98	22.70	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	22.60	22.98	22.73	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	22.66	22.92	22.84	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	22.65	22.93	22.68	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	22.78	22.93	22.67	24.00

<FR1 n2_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	23.28	23.43	23.41	24.00
40		1	108	22.99	23.24	22.80	24.00
40		1	214	22.88	22.97	22.72	24.00
40		108	0	22.95	22.69	23.06	23.50
40		108	54	23.14	23.08	22.93	24.00
40		108	108	22.45	22.58	22.19	23.50
40		216	0	22.43	22.51	22.32	23.50
40	QPSK	1	1	23.28	23.24	23.02	24.00
40		1	108	23.12	23.09	22.83	24.00
40		1	214	22.80	22.84	22.55	24.00
40		108	0	22.19	22.32	21.85	23.00
40		108	54	23.06	23.07	22.93	24.00
40		108	108	21.96	22.10	21.70	23.00
40		216	0	22.01	22.23	22.02	23.00
40	16QAM	1	1	22.22	22.33	22.17	23.00
40	64QAM	1	1	20.54	20.51	20.32	21.50
40	256QAM	1	1	18.53	18.46	18.31	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	23.29	23.35	23.21	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	23.13	23.35	23.36	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	23.19	23.41	23.21	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.24	23.34	23.19	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.15	23.28	23.21	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.08	23.37	23.43	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.22	23.34	23.34	24.00

<FR1 n25_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.26	23.32	23.25	24.00
40		1	108	22.89	23.11	23.00	24.00
40		1	214	22.67	22.85	22.64	24.00
40		108	0	22.51	22.68	22.47	23.50
40		108	54	22.95	23.06	23.00	24.00
40		108	108	22.34	22.49	22.43	23.50
40		216	0	22.53	22.55	22.46	23.50
40	QPSK	1	1	23.10	23.17	22.98	24.00
40		1	108	23.05	23.09	22.97	24.00
40		1	214	22.71	22.87	22.84	24.00
40		108	0	22.14	22.16	21.94	23.00
40		108	54	23.06	23.10	23.09	24.00
40		108	108	21.95	22.00	21.91	23.00
40		216	0	22.04	22.06	21.99	23.00
40	16QAM	1	1	22.28	22.30	22.32	23.00
40	64QAM	1	1	20.43	20.48	20.40	21.50
40	256QAM	1	1	18.27	18.44	18.28	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	23.05	23.12	23.10	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.17	23.19	23.14	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.21	23.16	23.09	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.05	23.23	23.26	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.16	23.26	23.09	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.16	23.11	23.13	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.26	23.19	23.11	24.00

<FR1 n66_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	23.21	23.24	23.22	24.00
45		1	120	23.54	23.62	23.53	24.00
45		1	240	23.50	23.72	23.50	24.00
45		120	0	22.86	22.84	22.64	23.50
45		120	60	23.41	23.58	23.38	24.00
45		120	120	23.16	23.26	23.21	23.50
45		240	0	23.03	23.04	22.90	23.50
45	QPSK	1	1	23.05	23.23	23.13	24.00
45		1	120	23.59	23.62	23.59	24.00
45		1	240	23.65	23.71	23.70	24.00
45		120	0	22.32	22.44	22.37	23.00
45		120	60	23.59	23.60	23.49	24.00
45		120	120	22.60	22.74	22.72	23.00
45		240	0	22.38	22.54	22.36	23.00
45	16QAM	1	1	22.12	22.33	22.12	23.00
45	64QAM	1	1	20.37	20.54	20.53	21.50
45	256QAM	1	1	18.34	18.51	18.43	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.10	23.12	23.00	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	23.08	23.15	23.16	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.12	23.20	23.10	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.09	23.05	23.18	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.19	23.12	23.20	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.19	23.06	23.23	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.10	23.10	23.21	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.22	23.11	23.15	24.00

<FR1 n77 (27Q)_Ant 1_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.21		24.00
100		1	137		23.18		24.00
100		1	271		23.15		24.00
100		135	0		22.98		24.00
100		135	69		23.18		24.00
100		135	138		23.16		24.00
100		270	0		23.04		24.00
100	QPSK	1	1		22.93		24.00
100		1	137		23.12		24.00
100		1	271		23.12		24.00
100		135	0		22.96		24.00
100		135	69		23.05		24.00
100		135	138		23.11		24.00
100		270	0		23.04		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		21.18		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.79	22.80	22.85	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.95	22.92	22.90	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.94	22.79	22.93	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.95	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.86	22.95	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.92	22.86	22.79	24.00
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.81	22.93	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.88	22.83	22.93	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.85	22.86	22.87	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.80	22.95	22.74	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.74	22.91	24.00

<FR1 n77 (27Q)_HPUE_Ant 1_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.16		27.00
100		1	137		25.97		27.00
100		1	271		26.11		27.00
100		135	0		25.57		27.00
100		135	69		26.11		27.00
100		135	138		25.69		27.00
100		270	0		25.64		27.00
100	QPSK	1	1		25.89		27.00
100		1	137		26.08		27.00
100		1	271		26.03		27.00
100		135	0		25.10		27.00
100		135	69		26.15		27.00
100		135	138		25.22		27.00
100		270	0		25.12		27.00
100	16QAM	1	1		25.11		27.00
100	64QAM	1	1		23.28		25.00
100	256QAM	1	1		21.85		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.92	25.89	25.83	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.82	25.87	25.79	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.93	25.95	25.91	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.92	25.77	25.84	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.91	25.91	25.85	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.95	25.80	25.93	27.00
Channel				631000	633332	635998	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.81	25.81	25.83	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.79	25.90	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.89	25.87	25.78	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.87	25.80	25.86	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.88	25.93	25.82	27.00

<FR1 n77 (27O) Ant 1 use PA (Reference Designator) Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.16	23.30	23.24	23.18	24.00
100		1	137	23.12	23.22	23.21	23.16	24.00
100		1	271	23.06	23.12	23.19	22.98	24.00
100		135	0	23.14	23.21	23.18	23.07	24.00
100		135	69	23.05	23.27	23.01	22.87	24.00
100		135	138	23.12	23.26	23.16	22.96	24.00
100		270	0	23.09	23.26	23.27	23.21	24.00
100	QPSK	1	1	23.16	23.23	23.05	23.04	24.00
100		1	137	23.16	23.09	23.21	23.10	24.00
100		1	271	23.08	23.26	23.23	23.02	24.00
100		135	0	23.17	23.28	23.09	22.98	24.00
100		135	69	23.26	23.26	23.27	23.08	24.00
100		135	138	23.09	23.28	23.17	23.14	24.00
100		270	0	23.12	23.26	23.15	23.00	24.00
100	16QAM	1	1	23.27	23.09	23.14	23.12	24.00
100	64QAM	1	1	22.96	23.06	22.86	22.85	24.00
100	256QAM	1	1	21.28	21.48	21.26	21.18	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.94	23.08	23.03	23.07	24.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.13	23.20	23.21	23.16	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.94	23.15	23.19	23.04	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	23.02	23.21	23.16	23.00	24.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.09	23.17	23.09	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.94	23.16	23.04	23.00	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.08	23.15	23.07	23.15	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.02	23.18	23.03	23.20	24.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.97	23.16	23.16	23.10	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.17	23.21	23.13	23.02	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.99	23.10	23.14	23.12	24.00

<FR1 n77 (27O) HPUE Ant 1 use PA (Reference Designator) Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.21	26.25	26.18	26.13	27.00
100		1	137	26.14	26.22	26.10	26.03	27.00
100		1	271	26.17	26.24	26.20	26.15	27.00
100		135	0	25.58	25.73	25.54	25.40	27.00
100		135	69	26.03	26.16	26.08	25.96	27.00
100		135	138	25.65	25.73	25.66	25.44	27.00
100		270	0	25.61	25.71	25.58	25.38	27.00
100	QPSK	1	1	26.17	26.21	25.99	25.86	27.00
100		1	137	26.15	26.22	26.23	26.13	27.00
100		1	271	26.18	26.17	26.16	26.13	27.00
100		135	0	25.12	25.28	25.26	25.16	27.00
100		135	69	26.21	26.21	26.18	25.97	27.00
100		135	138	25.16	25.30	25.09	24.99	27.00
100		270	0	25.19	25.24	25.13	25.07	27.00
100	16QAM	1	1	25.12	25.28	25.10	24.99	27.00
100	64QAM	1	1	23.39	23.51	23.46	23.32	25.00
100	256QAM	1	1	21.96	22.12	21.99	21.92	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	26.17	26.12	26.13	26.03	27.00
Channel				649334	655334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.13	26.15	26.17	25.93	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.12	26.15	26.19	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	26.12	26.11	26.15	25.96	27.00
Channel				648334	654834	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.09	26.18	26.03	26.05	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.15	26.04	26.18	26.04	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	26.01	26.06	25.96	25.90	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.20	26.22	26.04	25.94	27.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.21	26.22	26.16	25.88	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.21	26.19	26.04	26.01	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	26.21	26.13	26.00	25.90	27.00

<FR1 n41_Ant 2_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.30	20.31	20.26	21.00
100		1	137	19.54	19.92	19.56	21.00
100		1	271	19.22	19.82	19.30	21.00
100	PI/2 BPSK	135	0	19.45	20.07	19.65	21.00
100		135	69	19.66	20.08	19.74	21.00
100		135	138	19.44	19.89	19.48	21.00
100		270	0	19.61	19.99	19.50	21.00
100		1	1	19.45	19.81	19.48	21.00
100		1	137	19.50	19.91	19.35	21.00
100		1	271	19.23	19.73	19.43	21.00
100	QPSK	135	0	19.60	20.15	19.60	21.00
100		135	69	19.53	19.79	19.53	21.00
100		135	138	19.47	19.80	19.66	21.00
100		270	0	19.52	19.95	19.55	21.00
100	16QAM	1	1	19.49	19.97	19.50	21.00
100	64QAM	1	1	19.14	19.67	19.22	21.00
100	256QAM	1	1	17.85	18.07	18.00	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.32	20.23	20.05	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.29	20.31	20.07	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.24	20.18	20.11	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.36	20.19	20.09	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.25	20.32	20.04	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.33	20.29	20.20	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.16	20.19	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.31	20.09	20.08	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.26	20.12	20.27	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.32	20.19	20.22	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.38	20.28	20.13	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.22	20.20	20.15	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.32	20.25	20.09	21.00

<FR1 n41_HPUE_Ant 2_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.21	23.28	23.18	24.00
100		1	137	22.43	22.96	22.73	24.00
100		1	271	22.25	22.74	22.49	24.00
100	PI/2 BPSK	135	0	22.23	22.76	22.62	23.50
100		135	69	22.76	23.08	22.93	24.00
100		135	138	22.17	22.63	22.19	23.50
100		270	0	22.35	22.74	22.54	23.50
100		1	1	22.51	22.95	22.77	24.00
100		1	137	22.42	22.88	22.74	24.00
100		1	271	22.51	22.94	22.81	24.00
100	QPSK	135	0	22.03	22.31	22.07	23.00
100		135	69	22.72	23.22	22.99	24.00
100		135	138	21.80	22.37	22.07	23.00
100		270	0	21.83	22.24	21.97	23.00
100	16QAM	1	1	21.67	21.94	21.80	23.00
100	64QAM	1	1	19.92	20.32	19.93	21.50
100	256QAM	1	1	16.08	16.31	16.21	19.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.21	23.12	23.12	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.13	23.18	23.18	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.21	23.25	23.01	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.08	23.20	23.15	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.06	23.23	23.10	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.14	23.08	23.16	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.13	23.15	23.11	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.13	23.15	23.00	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.16	23.26	23.15	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.11	23.09	23.13	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.21	23.19	23.12	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.01	23.22	22.99	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.03	23.23	22.97	24.00

<FR1 n77 (27Q)_Ant 3_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.68		24.00
100		1	137		22.61		24.00
100		1	271		22.58		24.00
100		135	0		22.52		24.00
100		135	69		22.59		24.00
100		135	138		22.55		24.00
100		270	0		22.53		24.00
100	QPSK	1	1		22.40		24.00
100		1	137		22.67		24.00
100		1	271		22.60		24.00
100		135	0		22.58		24.00
100		135	69		22.63		24.00
100		135	138		22.62		24.00
100		270	0		22.58		24.00
100	16QAM	1	1		22.66		24.00
100	64QAM	1	1		22.33		24.00
100	256QAM	1	1		20.79		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.42	22.61	22.55	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.62	22.60	22.48	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.53	22.49	22.42	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.62	22.49	22.56	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.60	22.63	22.47	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.56	22.51	22.55	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.61	22.63	22.51	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.53	22.50	22.45	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.49	22.50	22.53	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.56	22.61	22.50	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.58	22.45	22.53	24.00

<FR1 n77 (27Q)_HPUE_Ant 3_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.71		27.00
100		1	137		25.64		27.00
100		1	271		25.56		27.00
100		135	0		25.15		27.00
100		135	69		25.65		27.00
100		135	138		25.20		27.00
100		270	0		25.15		27.00
100	QPSK	1	1		25.45		27.00
100		1	137		25.60		27.00
100		1	271		25.51		27.00
100		135	0		24.71		26.00
100		135	69		25.68		27.00
100		135	138		24.76		26.00
100		270	0		24.72		26.00
100	16QAM	1	1		24.71		26.00
100	64QAM	1	1		22.85		24.00
100	256QAM	1	1		21.47		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.26	25.49	25.37	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.42	25.38	25.47	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.49	25.50	25.38	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.39	25.42	25.36	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.28	25.46	25.44	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.30	25.36	25.49	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.42	25.40	25.43	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.44	25.43	25.34	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.36	25.26	25.36	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.33	25.41	25.29	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.43	25.29	25.28	27.00

<FR1 n77 (27O) Ant 3 use PA (Reference Designator) Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.46	22.48	22.65	22.53	24.00
100		1	137	22.44	22.58	22.62	22.40	24.00
100		1	271	22.33	22.36	22.59	22.54	24.00
100		135	0	22.47	22.45	22.54	22.49	24.00
100		135	69	22.27	22.36	22.61	22.60	24.00
100		135	138	22.41	22.36	22.56	22.38	24.00
100		270	0	22.41	22.35	22.48	22.40	24.00
100	QPSK	1	1	22.27	22.31	22.50	22.40	24.00
100		1	137	22.55	22.40	22.60	22.51	24.00
100		1	271	22.39	22.50	22.57	22.40	24.00
100		135	0	22.35	22.32	22.54	22.44	24.00
100		135	69	22.31	22.31	22.56	22.54	24.00
100		135	138	22.29	22.31	22.53	22.50	24.00
100		270	0	22.43	22.29	22.51	22.35	24.00
100	16QAM	1	1	22.58	22.37	22.63	22.54	24.00
100	64QAM	1	1	22.15	22.18	22.32	22.22	24.00
100	256QAM	1	1	20.66	20.54	20.78	20.66	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.36	22.22	22.44	22.46	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.31	22.31	22.57	22.59	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.29	22.31	22.58	22.44	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	22.30	22.29	22.56	22.58	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.39	22.32	22.52	22.46	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.34	22.26	22.44	22.63	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.29	22.23	22.40	22.61	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.41	22.33	22.43	22.65	24.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.20	22.44	22.59	22.80	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.31	22.39	22.46	22.57	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.31	22.25	22.42	22.51	24.00

<FR1 n77 (27O) HPUE Ant 3 use PA (Reference Designator) Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.54	25.52	25.73	25.54	27.00
100		1	137	25.39	25.36	25.58	25.49	27.00
100		1	271	25.45	25.56	25.71	25.53	27.00
100		135	0	24.95	24.83	25.02	24.86	26.50
100		135	69	25.38	25.49	25.52	25.50	27.00
100		135	138	24.89	24.96	25.09	25.04	26.50
100		270	0	24.85	24.90	25.03	24.88	26.50
100	QPSK	1	1	25.27	25.40	25.46	25.31	27.00
100		1	137	25.36	25.30	25.52	25.39	27.00
100		1	271	25.18	25.37	25.42	25.37	27.00
100		135	0	25.40	25.46	25.58	25.47	26.00
100		135	69	25.44	25.35	25.59	25.43	27.00
100		135	138	24.55	24.36	24.62	24.63	26.00
100		270	0	24.48	24.32	24.57	24.49	26.00
100	16QAM	1	1	24.54	24.46	24.58	24.54	26.00
100	64QAM	1	1	22.59	22.78	22.82	22.80	24.00
100	256QAM	1	1	21.57	21.55	21.78	21.63	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.30	25.40	25.64	25.58	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.41	25.46	25.50	25.54	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.45	25.27	25.63	25.56	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	25.36	25.37	25.55	25.41	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.37	25.37	25.46	25.44	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.50	25.48	25.57	25.58	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.36	25.26	25.50	25.48	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.32	25.49	25.63	25.39	27.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.36	25.46	25.61	25.40	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.30	25.45	25.63	25.45	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.32	25.47	25.66	25.51	27.00

<FR1 n41_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	22.39	22.88	22.60	24.00
100		1	137	22.22	22.75	22.53	24.00
100		1	271	22.27	22.72	22.72	24.00
100	PI/2 BPSK	135	0	22.10	22.73	22.33	23.50
100		135	69	22.29	22.68	22.46	24.00
100		135	138	22.31	22.70	22.49	23.50
100		270	0	22.07	22.75	22.42	23.50
100		1	1	22.37	22.42	22.43	24.00
100		1	137	22.22	22.72	22.49	24.00
100		1	271	22.25	22.78	22.69	24.00
100	QPSK	135	0	22.34	22.88	22.74	23.00
100		135	69	22.20	22.71	22.65	24.00
100		135	138	22.17	22.85	22.43	23.00
100		270	0	22.30	22.83	22.54	23.00
100	16QAM	1	1	21.90	22.55	22.45	23.00
100	64QAM	1	1	21.71	22.22	22.16	21.50
100	256QAM	1	1	20.35	20.84	20.74	19.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.20	22.80	22.43	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.29	22.86	22.54	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.27	22.85	22.47	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.34	22.70	22.58	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.85	22.42	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.35	22.81	22.47	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.33	22.80	22.53	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.32	22.75	22.58	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.21	22.76	22.49	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.39	22.78	22.53	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.36	22.88	22.61	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.18	22.80	22.38	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.32	22.83	22.41	24.00

<FR1 n41_HPUE_Ant 4_use PA (Reference Designator)_Full Power>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	25.50	25.81	25.59	27.00
100		1	137	25.23	25.54	25.38	27.00
100		1	271	25.32	25.52	25.25	27.00
100	PI/2 BPSK	135	0	24.78	25.20	24.89	26.50
100		135	69	25.36	25.64	25.30	27.00
100		135	138	24.84	25.14	24.99	26.50
100		270	0	24.74	25.27	24.83	26.50
100		1	1	24.85	25.27	24.87	26.00
100		1	137	25.29	25.45	25.32	26.00
100		1	271	25.23	25.61	25.40	26.00
100	QPSK	135	0	24.37	24.61	24.42	26.00
100		135	69	25.28	25.78	25.38	26.00
100		135	138	24.51	24.98	24.63	26.00
100		270	0	24.52	24.93	24.59	26.00
100	16QAM	1	1	24.36	24.42	24.19	26.00
100	64QAM	1	1	22.37	22.46	22.41	24.00
100	256QAM	1	1	17.91	18.12	17.93	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.47	25.71	25.48	27.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.48	25.71	25.50	27.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.36	25.69	25.50	27.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.46	25.65	25.48	27.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.37	25.61	25.57	27.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.29	25.64	25.60	27.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.39	25.79	25.52	27.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.47	25.73	25.38	27.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.34	25.62	25.57	27.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.31	25.59	25.61	27.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.39	25.64	25.54	27.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.46	25.76	25.46	27.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.49	25.79	25.44	27.00

<LTE Band 2_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.89	22.98	22.95	24.00
20		1	49	22.66	22.88	22.77	24.00
20		1	99	22.64	22.90	22.69	24.00
20		50	0	21.55	22.04	21.75	23.00
20		50	24	21.55	21.89	21.65	23.00
20		50	50	21.69	21.89	21.73	23.00
20		100	0	21.72	21.98	21.72	23.00
20	16QAM	1	0	21.88	22.21	21.77	23.00
20		1	49	21.87	22.20	22.03	23.00
20		1	99	21.93	22.28	22.13	23.00
20		50	0	20.55	20.81	20.82	22.00
20		50	24	20.60	20.87	20.88	22.00
20		50	50	20.81	20.87	20.83	22.00
20		100	0	20.64	21.02	20.62	22.00
20	64QAM	1	0	20.81	20.98	20.74	22.00
20		1	49	20.70	21.20	20.86	22.00
20		1	99	21.03	21.24	21.05	22.00
20		50	0	19.71	20.02	19.68	21.00
20		50	24	19.78	19.88	19.79	21.00
20		50	50	19.80	19.95	19.85	21.00
20		100	0	19.67	20.02	19.79	21.00
20	256QAM	1	0	17.81	18.08	17.73	19.00
20		1	49	17.90	18.08	17.92	19.00
20		1	99	17.76	18.19	18.03	19.00
20		50	0	17.63	18.08	17.78	19.00
20		50	24	17.69	17.99	17.75	19.00
20		50	50	17.74	17.88	17.86	19.00
20		100	0	17.61	18.01	17.81	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.75	22.96	22.83	24.00
15		1	37	22.79	22.83	22.75	24.00
15		1	74	22.60	22.86	22.70	24.00
15		36	0	21.77	22.00	21.84	23.00
15		36	20	21.78	21.96	21.75	23.00
15		36	39	21.74	22.02	21.77	23.00
15		75	0	21.61	22.03	21.85	23.00
15	16QAM	1	0	21.91	22.08	21.94	23.00
15		1	37	21.84	22.18	21.89	23.00
15		1	74	22.01	22.33	22.15	23.00
15		36	0	20.67	20.95	20.82	22.00
15		36	20	20.71	21.02	20.84	22.00
15		36	39	20.72	20.96	20.68	22.00
15		75	0	20.71	20.89	20.63	22.00
15	64QAM	1	0	20.87	21.02	20.85	22.00
15		1	37	20.74	21.16	20.90	22.00
15		1	74	20.86	21.31	21.12	22.00
15		36	0	19.65	19.86	19.78	21.00
15		36	20	19.61	20.05	19.89	21.00
15		36	39	19.70	19.90	19.68	21.00
15		75	0	19.64	19.99	19.72	21.00
15	256QAM	1	0	17.73	17.97	17.82	19.00
15		1	37	17.82	18.05	17.79	19.00
15		1	74	17.80	18.17	17.91	19.00
15		36	0	17.74	17.92	17.88	19.00
15		36	20	17.90	17.99	17.82	19.00
15		36	39	17.82	18.06	17.71	19.00
15		75	0	17.66	18.01	17.82	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.70	23.07	22.71	24.00
10		1	25	22.83	23.00	22.57	24.00
10		1	49	22.64	22.87	22.82	24.00
10		25	0	21.69	22.00	21.86	23.00
10		25	12	21.70	21.85	21.61	23.00
10		25	25	21.60	21.98	21.68	23.00
10		50	0	21.64	21.85	21.78	23.00
10	16QAM	1	0	21.72	22.02	21.78	23.00
10		1	25	21.74	22.12	22.04	23.00
10		1	49	21.92	22.32	22.18	23.00
10		25	0	20.55	20.92	20.61	22.00
10		25	12	20.73	20.83	20.77	22.00
10		25	25	20.68	20.90	20.74	22.00
10		50	0	20.70	20.89	20.79	22.00
10	64QAM	1	0	20.76	21.12	20.75	22.00
10		1	25	20.80	21.00	20.81	22.00
10		1	49	20.88	21.14	21.16	22.00
10		25	0	19.61	19.81	19.72	21.00
10		25	12	19.61	19.96	19.73	21.00
10		25	25	19.84	19.99	19.66	21.00
10		50	0	19.72	19.98	19.92	21.00
10	256QAM	1	0	17.86	18.03	17.88	19.00
10		1	25	17.71	18.05	17.87	19.00
10		1	49	17.80	18.13	18.03	19.00
10		25	0	17.62	17.99	17.82	19.00
10		25	12	17.83	18.02	17.82	19.00
10		25	25	17.72	18.01	17.81	19.00
10		50	0	17.79	17.90	17.81	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.70	22.91	22.82	24.00
5		1	12	22.64	22.83	22.56	24.00
5		1	24	22.65	22.93	22.62	24.00
5		12	0	21.72	21.96	21.77	23.00
5		12	7	21.59	21.89	21.73	23.00
5		12	13	21.70	21.93	21.83	23.00
5		25	0	21.70	21.96	21.77	23.00
5	16QAM	1	0	21.81	22.15	21.93	23.00
5		1	12	21.95	22.09	22.05	23.00
5		1	24	22.08	22.33	22.11	23.00
5		12	0	20.71	20.87	20.60	22.00
5		12	7	20.77	21.01	20.72	22.00
5		12	13	20.82	20.86	20.66	22.00
5		25	0	20.73	21.00	20.62	22.00
5	64QAM	1	0	20.74	20.95	20.77	22.00
5		1	12	20.89	21.05	20.80	22.00
5		1	24	20.96	21.28	21.15	22.00
5		12	0	19.77	19.94	19.70	21.00
5		12	7	19.59	19.84	19.78	21.00
5		12	13	19.67	20.02	19.69	21.00
5		25	0	19.65	20.02	19.83	21.00
5	256QAM	1	0	17.65	17.93	17.79	19.00
5		1	12	17.73	18.14	17.93	19.00
5		1	24	17.83	18.08	17.83	19.00
5		12	0	17.80	17.99	17.76	19.00
5		12	7	17.71	17.94	17.92	19.00
5		12	13	17.90	18.03	17.68	19.00
5		25	0	17.64	18.04	17.76	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	22.82	22.86	22.94	24.00
3		1	8	22.78	23.04	22.73	24.00
3		1	14	22.60	22.89	22.64	24.00
3		8	0	21.72	21.97	21.76	23.00
3		8	4	21.68	21.98	21.74	23.00
3		8	7	21.58	21.84	21.62	23.00
3		15	0	21.71	21.84	21.84	23.00
3	16QAM	1	0	21.80	22.22	21.99	23.00
3		1	8	21.94	22.16	22.02	23.00
3		1	14	22.01	22.39	22.21	23.00
3		8	0	20.64	21.02	20.82	22.00
3		8	4	20.68	20.94	20.84	22.00
3		8	7	20.81	21.01	20.66	22.00
3		15	0	20.57	20.87	20.61	22.00
3	64QAM	1	0	20.74	20.95	20.91	22.00
3		1	8	20.93	21.01	20.85	22.00
3		1	14	21.03	21.26	21.06	22.00
3		8	0	19.72	20.00	19.67	21.00
3		8	4	19.57	20.04	19.72	21.00
3		8	7	19.83	19.87	19.66	21.00
3		15	0	19.62	19.83	19.76	21.00
3	256QAM	1	0	17.75	17.99	17.77	19.00
3		1	8	17.70	18.16	17.87	19.00
3		1	14	17.74	18.18	17.93	19.00
3		8	0	17.69	18.00	17.79	19.00
3		8	4	17.67	18.00	17.75	19.00
3		8	7	17.81	18.02	17.88	19.00
3		15	0	17.75	18.02	17.85	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.74	22.81	22.73	24.00
1.4		1	3	22.67	22.77	22.50	24.00
1.4		1	5	22.41	22.80	22.57	24.00
1.4		3	0	22.25	22.19	22.20	24.00
1.4		3	1	22.22	22.08	22.27	24.00
1.4		3	3	22.12	22.06	22.24	24.00
1.4		6	0	21.46	21.76	21.75	23.00
1.4	16QAM	1	0	21.68	22.00	21.83	23.00
1.4		1	3	21.94	21.95	21.98	23.00
1.4		1	5	21.89	22.34	22.05	23.00
1.4		3	0	21.05	21.09	21.10	23.00
1.4		3	1	21.26	21.22	21.10	23.00
1.4		3	3	21.23	21.24	21.07	23.00
1.4		6	0	20.55	20.78	20.65	22.00
1.4	64QAM	1	0	20.69	21.02	20.69	22.00
1.4		1	3	20.80	21.13	20.67	22.00
1.4		1	5	20.90	21.07	21.14	22.00
1.4		3	0	20.17	20.18	20.24	22.00
1.4		3	1	20.09	20.03	20.05	22.00
1.4		3	3	20.26	20.23	20.25	22.00
1.4		6	0	19.67	19.83	19.76	21.00
1.4	256QAM	1	0	17.79	17.85	17.87	19.00
1.4		1	3	17.71	17.84	17.69	19.00
1.4		1	5	17.71	17.94	17.77	19.00
1.4		3	0	17.61	17.96	17.62	19.00
1.4		3	1	17.61	17.91	17.84	19.00
1.4		3	3	17.81	17.93	17.63	19.00
1.4		6	0	17.68	17.96	17.68	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.92	22.96	22.93	24.00
20		1	49	22.83	22.87	22.75	24.00
20		1	99	22.90	22.97	22.94	24.00
20		50	0	21.87	21.90	21.77	23.00
20		50	24	21.80	21.79	21.68	23.00
20		50	50	21.82	21.98	21.76	23.00
20		100	0	21.84	21.87	21.68	23.00
20	16QAM	1	0	22.02	22.06	21.85	23.00
20		1	49	22.04	22.11	21.96	23.00
20		1	99	22.01	22.16	21.99	23.00
20		50	0	20.78	20.86	20.80	22.00
20		50	24	20.64	20.83	20.80	22.00
20		50	50	20.98	20.96	20.76	22.00
20		100	0	20.64	20.86	20.74	22.00
20	64QAM	1	0	20.86	20.86	20.64	22.00
20		1	49	21.07	21.05	20.85	22.00
20		1	99	21.03	21.17	21.16	22.00
20		50	0	19.66	19.86	19.79	21.00
20		50	24	19.66	19.83	19.82	21.00
20		50	50	19.87	19.94	19.75	21.00
20		100	0	19.87	19.88	19.71	21.00
20	256QAM	1	0	17.67	17.87	17.75	19.00
20		1	49	17.98	18.02	17.82	19.00
20		1	99	17.89	17.95	17.73	19.00
20		50	0	17.74	17.82	17.66	19.00
20		50	24	17.66	17.87	17.88	19.00
20		50	50	17.94	17.98	17.90	19.00
20		100	0	17.77	17.81	17.59	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.92	22.96	22.93	24.00
15		1	37	22.83	22.87	22.75	24.00
15		1	74	22.90	22.97	22.94	24.00
15		36	0	21.87	21.90	21.77	23.00
15		36	20	21.80	21.79	21.68	23.00
15		36	39	21.82	21.98	21.76	23.00
15		75	0	21.84	21.87	21.68	23.00
15	16QAM	1	0	22.02	22.06	21.85	23.00
15		1	37	22.04	22.11	21.96	23.00
15		1	74	22.01	22.16	21.99	23.00
15		36	0	20.78	20.86	20.80	22.00
15		36	20	20.64	20.83	20.80	22.00
15		36	39	20.98	20.96	20.76	22.00
15		75	0	20.64	20.86	20.74	22.00
15	64QAM	1	0	20.86	20.86	20.64	22.00
15		1	37	21.07	21.05	20.85	22.00
15		1	74	21.03	21.17	21.16	22.00
15		36	0	19.66	19.86	19.79	21.00
15		36	20	19.66	19.83	19.82	21.00
15		36	39	19.87	19.94	19.75	21.00
15		75	0	19.87	19.88	19.71	21.00
15	256QAM	1	0	17.67	17.87	17.75	19.00
15		1	37	17.98	18.02	17.82	19.00
15		1	74	17.89	17.95	17.73	19.00
15		36	0	17.74	17.82	17.66	19.00
15		36	20	17.66	17.87	17.88	19.00
15		36	39	17.94	17.98	17.90	19.00
15		75	0	17.77	17.81	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.92	22.96	22.93	24.00
10		1	25	22.83	22.87	22.75	24.00
10		1	49	22.90	22.97	22.94	24.00
10		25	0	21.87	21.90	21.77	23.00
10		25	12	21.80	21.79	21.68	23.00
10		25	25	21.82	21.98	21.76	23.00
10		50	0	21.84	21.87	21.68	23.00
10	16QAM	1	0	22.02	22.06	21.85	23.00
10		1	25	22.04	22.11	21.96	23.00
10		1	49	22.01	22.16	21.99	23.00
10		25	0	20.78	20.86	20.80	22.00
10		25	12	20.64	20.83	20.80	22.00
10		25	25	20.98	20.96	20.76	22.00
10		50	0	20.64	20.86	20.74	22.00
10	64QAM	1	0	20.86	20.86	20.64	22.00
10		1	25	21.07	21.05	20.85	22.00
10		1	49	21.03	21.17	21.16	22.00
10		25	0	19.66	19.86	19.79	21.00
10		25	12	19.66	19.83	19.82	21.00
10		25	25	19.87	19.94	19.75	21.00
10		50	0	19.87	19.88	19.71	21.00
10	256QAM	1	0	17.67	17.87	17.75	19.00
10		1	25	17.98	18.02	17.82	19.00
10		1	49	17.89	17.95	17.73	19.00
10		25	0	17.74	17.82	17.66	19.00
10		25	12	17.66	17.87	17.88	19.00
10		25	25	17.94	17.98	17.90	19.00
10		50	0	17.77	17.81	17.59	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.92	22.96	22.93	24.00
5		1	12	22.83	22.87	22.75	24.00
5		1	24	22.90	22.97	22.94	24.00
5		12	0	21.87	21.90	21.77	23.00
5		12	7	21.80	21.79	21.68	23.00
5		12	13	21.82	21.98	21.76	23.00
5		25	0	21.84	21.87	21.68	23.00
5	16QAM	1	0	22.02	22.06	21.85	23.00
5		1	12	22.04	22.11	21.96	23.00
5		1	24	22.01	22.16	21.99	23.00
5		12	0	20.78	20.86	20.80	22.00
5		12	7	20.64	20.83	20.80	22.00
5		12	13	20.98	20.96	20.76	22.00
5		25	0	20.64	20.86	20.74	22.00
5	64QAM	1	0	20.86	20.86	20.64	22.00
5		1	12	21.07	21.05	20.85	22.00
5		1	24	21.03	21.17	21.16	22.00
5		12	0	19.66	19.86	19.79	21.00
5		12	7	19.66	19.83	19.82	21.00
5		12	13	19.87	19.94	19.75	21.00
5		25	0	19.87	19.88	19.71	21.00
5	256QAM	1	0	17.67	17.87	17.75	19.00
5		1	12	17.98	18.02	17.82	19.00
5		1	24	17.89	17.95	17.73	19.00
5		12	0	17.74	17.82	17.66	19.00
5		12	7	17.66	17.87	17.88	19.00
5		12	13	17.94	17.98	17.90	19.00
5		25	0	17.77	17.81	17.59	19.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	22.92	22.96	22.93	24.00
3		1	8	22.83	22.87	22.75	24.00
3		1	14	22.90	22.97	22.94	24.00
3		8	0	21.87	21.90	21.77	23.00
3		8	4	21.80	21.79	21.68	23.00
3		8	7	21.82	21.98	21.76	23.00
3		15	0	21.84	21.87	21.68	23.00
3	16QAM	1	0	22.02	22.06	21.85	23.00
3		1	8	22.04	22.11	21.96	23.00
3		1	14	22.01	22.16	21.99	23.00
3		8	0	20.78	20.86	20.80	22.00
3		8	4	20.64	20.83	20.80	22.00
3		8	7	20.98	20.96	20.76	22.00
3		15	0	20.64	20.86	20.74	22.00
3	64QAM	1	0	20.86	20.86	20.64	22.00
3		1	8	21.07	21.05	20.85	22.00
3		1	14	21.03	21.17	21.16	22.00
3		8	0	19.66	19.86	19.79	21.00
3		8	4	19.66	19.83	19.82	21.00
3		8	7	19.87	19.94	19.75	21.00
3		15	0	19.87	19.88	19.71	21.00
3	256QAM	1	0	17.67	17.87	17.75	19.00
3		1	8	17.98	18.02	17.82	19.00
3		1	14	17.89	17.95	17.73	19.00
3		8	0	17.74	17.82	17.66	19.00
3		8	4	17.66	17.87	17.88	19.00
3		8	7	17.94	17.98	17.90	19.00
3		15	0	17.77	17.81	17.59	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.62	22.91	22.79	24.00
1.4		1	3	22.54	22.69	22.57	24.00
1.4		1	5	22.63	22.85	22.43	24.00
1.4		3	0	22.09	22.01	21.99	24.00
1.4		3	1	22.00	22.11	21.95	24.00
1.4		3	3	22.05	22.05	22.04	24.00
1.4		6	0	21.46	21.75	21.54	23.00
1.4	16QAM	1	0	21.71	21.88	21.76	23.00
1.4		1	3	21.91	22.15	21.87	23.00
1.4		1	5	22.08	22.20	21.88	23.00
1.4		3	0	21.08	21.07	21.08	23.00
1.4		3	1	21.15	20.99	21.07	23.00
1.4		3	3	21.06	21.16	21.13	23.00
1.4		6	0	20.68	20.72	20.60	22.00
1.4	64QAM	1	0	20.88	20.84	20.61	22.00
1.4		1	3	20.85	21.09	20.94	22.00
1.4		1	5	20.94	21.02	20.88	22.00
1.4		3	0	20.12	20.18	20.08	22.00
1.4		3	1	20.15	20.02	20.08	22.00
1.4		3	3	20.10	19.96	20.08	22.00
1.4		6	0	19.86	19.84	19.53	21.00
1.4	256QAM	1	0	17.70	17.98	17.66	19.00
1.4		1	3	17.61	18.02	17.67	19.00
1.4		1	5	17.79	18.06	17.81	19.00
1.4		3	0	17.67	17.77	17.38	19.00
1.4		3	1	17.74	17.80	17.74	19.00
1.4		3	3	17.57	17.84	17.61	19.00
1.4		6	0	17.76	17.80	17.47	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.72	23.76	23.70	25.00
20		1	49	23.72	23.71	23.67	25.00
20		1	99	23.57	23.67	23.62	25.00
20		50	0	22.46	22.68	22.64	24.00
20		50	24	22.43	22.61	22.55	24.00
20		50	50	22.44	22.66	22.61	24.00
20		100	0	22.70	22.69	22.71	24.00
20	16QAM	1	0	22.81	22.81	22.81	24.00
20		1	49	22.72	22.77	22.65	24.00
20		1	99	22.77	22.76	22.56	24.00
20		50	0	21.62	21.69	21.49	23.00
20		50	24	21.59	21.65	21.48	23.00
20		50	50	21.50	21.67	21.57	23.00
20		100	0	21.60	21.73	21.75	23.00
20	64QAM	1	0	21.66	21.77	21.77	23.00
20		1	49	21.62	21.74	21.54	23.00
20		1	99	21.59	21.72	21.70	23.00
20		50	0	20.75	20.74	20.55	22.00
20		50	24	20.60	20.70	20.69	22.00
20		50	50	20.55	20.72	20.71	22.00
20		100	0	20.76	20.75	20.61	22.00
20	256QAM	1	0	18.71	18.77	18.57	20.00
20		1	49	18.75	18.77	18.78	20.00
20		1	99	18.68	18.69	18.55	20.00
20		50	0	18.65	18.82	18.60	20.00
20		50	24	18.71	18.77	18.64	20.00
20		50	50	18.71	18.78	18.66	20.00
20		100	0	18.67	18.84	18.85	20.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.66	23.71	23.72	25.00
15		1	37	23.60	23.58	23.58	25.00
15		1	74	23.36	23.54	23.44	25.00
15		36	0	22.32	22.58	22.44	24.00
15		36	20	22.33	22.43	22.50	24.00
15		36	39	22.41	22.49	22.43	24.00
15		75	0	22.58	22.61	22.53	24.00
15	16QAM	1	0	22.70	22.70	22.66	24.00
15		1	37	22.52	22.65	22.58	24.00
15		1	74	22.60	22.59	22.39	24.00
15		36	0	21.57	21.57	21.35	23.00
15		36	20	21.58	21.51	21.43	23.00
15		36	39	21.34	21.52	21.38	23.00
15		75	0	21.56	21.62	21.60	23.00
15	64QAM	1	0	21.52	21.73	21.79	23.00
15		1	37	21.51	21.76	21.44	23.00
15		1	74	21.48	21.55	21.70	23.00
15		36	0	20.62	20.64	20.42	22.00
15		36	20	20.40	20.69	20.49	22.00
15		36	39	20.39	20.62	20.52	22.00
15		75	0	20.60	20.76	20.61	22.00
15	256QAM	1	0	18.61	18.76	18.54	20.00
15		1	37	18.70	18.58	18.64	20.00
15		1	74	18.64	18.51	18.38	20.00
15		36	0	18.57	18.72	18.48	20.00
15		36	20	18.70	18.56	18.50	20.00
15		36	39	18.59	18.58	18.62	20.00
15		75	0	18.61	18.66	18.63	20.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.57	23.77	23.61	25.00
10		1	25	23.64	23.72	23.60	25.00
10		1	49	23.44	23.63	23.47	25.00
10		25	0	22.45	22.46	22.49	24.00
10		25	12	22.41	22.51	22.37	24.00
10		25	25	22.32	22.53	22.52	24.00
10		50	0	22.56	22.59	22.58	24.00
10	16QAM	1	0	22.66	22.67	22.82	24.00
10		1	25	22.52	22.77	22.63	24.00
10		1	49	22.72	22.70	22.50	24.00
10		25	0	21.48	21.70	21.50	23.00
10		25	12	21.47	21.45	21.28	23.00
10		25	25	21.48	21.67	21.59	23.00
10		50	0	21.60	21.64	21.69	23.00
10	64QAM	1	0	21.49	21.64	21.64	23.00
10		1	25	21.61	21.53	21.53	23.00
10		1	49	21.42	21.65	21.72	23.00
10		25	0	20.68	20.59	20.38	22.00
10		25	12	20.60	20.66	20.69	22.00
10		25	25	20.43	20.59	20.57	22.00
10		50	0	20.62	20.71	20.42	22.00
10	256QAM	1	0	18.61	18.77	18.37	20.00
10		1	25	18.73	18.60	18.61	20.00
10		1	49	18.61	18.49	18.44	20.00
10		25	0	18.46	18.66	18.52	20.00
10		25	12	18.58	18.79	18.58	20.00
10		25	25	18.62	18.73	18.45	20.00
10		50	0	18.53	18.65	18.81	20.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.52	23.67	23.69	25.00
5		1	12	23.57	23.51	23.58	25.00
5		1	24	23.43	23.47	23.55	25.00
5		12	0	22.30	22.64	22.54	24.00
5		12	7	22.39	22.59	22.56	24.00
5		12	13	22.26	22.51	22.62	24.00
5		25	0	22.59	22.50	22.56	24.00
5	16QAM	1	0	22.67	22.76	22.62	24.00
5		1	12	22.64	22.71	22.54	24.00
5		1	24	22.56	22.63	22.49	24.00
5		12	0	21.51	21.57	21.44	23.00
5		12	7	21.46	21.43	21.36	23.00
5		12	13	21.34	21.68	21.39	23.00
5		25	0	21.61	21.60	21.75	23.00
5	64QAM	1	0	21.56	21.62	21.68	23.00
5		1	12	21.49	21.75	21.48	23.00
5		1	24	21.58	21.57	21.48	23.00
5		12	0	20.71	20.59	20.46	22.00
5		12	7	20.40	20.68	20.47	22.00
5		12	13	20.39	20.56	20.68	22.00
5		25	0	20.58	20.67	20.55	22.00
5	256QAM	1	0	18.66	18.65	18.46	20.00
5		1	12	18.74	18.74	18.72	20.00
5		1	24	18.64	18.59	18.45	20.00
5		12	0	18.66	18.64	18.43	20.00
5		12	7	18.66	18.78	18.57	20.00
5		12	13	18.71	18.76	18.54	20.00
5		25	0	18.51	18.83	18.69	20.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.54	23.70	23.60	25.00
3		1	8	23.70	23.61	23.60	25.00
3		1	14	23.51	23.64	23.44	25.00
3		8	0	22.24	22.63	22.43	24.00
3		8	4	22.32	22.54	22.52	24.00
3		8	7	22.38	22.62	22.61	24.00
3		15	0	22.68	22.55	22.61	24.00
3	16QAM	1	0	22.79	22.65	22.61	24.00
3		1	8	22.73	22.57	22.51	24.00
3		1	14	22.58	22.76	22.57	24.00
3		8	0	21.63	21.64	21.34	23.00
3		8	4	21.45	21.45	21.44	23.00
3		8	7	21.44	21.61	21.54	23.00
3		15	0	21.57	21.67	21.53	23.00
3	64QAM	1	0	21.68	21.71	21.61	23.00
3		1	8	21.46	21.73	21.50	23.00
3		1	14	21.40	21.69	21.53	23.00
3		8	0	20.58	20.59	20.50	22.00
3		8	4	20.52	20.51	20.55	22.00
3		8	7	20.46	20.69	20.55	22.00
3		15	0	20.55	20.58	20.49	22.00
3	256QAM	1	0	18.70	18.56	18.53	20.00
3		1	8	18.66	18.66	18.62	20.00
3		1	14	18.54	18.66	18.45	20.00
3		8	0	18.46	18.71	18.52	20.00
3		8	4	18.53	18.77	18.42	20.00
3		8	7	18.66	18.72	18.61	20.00
3		15	0	18.61	18.79	18.63	20.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.56	23.47	23.58	25.00
1.4		1	3	23.62	23.67	23.43	25.00
1.4		1	5	23.60	23.70	23.61	25.00
1.4		3	0	22.86	22.88	22.96	25.00
1.4		3	1	22.64	22.93	22.86	25.00
1.4		3	3	22.81	22.89	22.81	25.00
1.4		6	0	22.41	22.70	22.59	24.00
1.4	16QAM	1	0	22.58	22.96	22.60	24.00
1.4		1	3	22.82	23.10	22.76	24.00
1.4		1	5	22.76	23.02	23.07	24.00
1.4		3	0	21.96	21.94	21.72	24.00
1.4		3	1	21.75	22.04	21.84	24.00
1.4		3	3	21.80	21.78	22.02	24.00
1.4		6	0	21.59	21.75	21.71	23.00
1.4	64QAM	1	0	21.80	21.89	21.54	23.00
1.4		1	3	21.72	21.66	21.93	23.00
1.4		1	5	21.58	21.79	21.91	23.00
1.4		3	0	20.62	20.97	20.78	23.00
1.4		3	1	20.78	21.10	20.96	23.00
1.4		3	3	20.89	20.84	20.71	23.00
1.4		6	0	20.66	20.65	20.82	22.00
1.4	256QAM	1	0	18.65	18.84	18.92	20.00
1.4		1	3	18.75	18.81	18.71	20.00
1.4		1	5	18.49	18.96	18.55	20.00
1.4		3	0	18.44	18.62	18.73	20.00
1.4		3	1	18.40	18.45	18.48	20.00
1.4		3	3	18.45	18.86	18.68	20.00
1.4		6	0	18.50	18.60	18.53	20.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.68	22.96	22.95	24.00
20		1	49	22.63	22.93	22.78	24.00
20		1	99	22.71	22.91	22.75	24.00
20		50	0	21.87	21.94	21.72	23.00
20		50	24	21.58	21.92	21.85	23.00
20		50	50	21.79	21.94	21.77	23.00
20		100	0	21.61	21.94	21.86	23.00
20	16QAM	1	0	21.87	22.00	21.91	23.00
20		1	49	22.02	22.27	22.08	23.00
20		1	99	22.17	22.16	22.17	23.00
20		50	0	20.80	20.77	20.75	22.00
20		50	24	20.78	20.85	20.84	22.00
20		50	50	20.85	20.89	20.71	22.00
20		100	0	20.81	20.85	20.85	22.00
20	64QAM	1	0	20.80	20.98	20.92	22.00
20		1	49	20.80	20.97	20.84	22.00
20		1	99	20.67	21.11	20.89	22.00
20		50	0	19.81	19.93	19.69	21.00
20		50	24	19.69	19.81	19.73	21.00
20		50	50	19.73	19.88	19.86	21.00
20		100	0	19.58	19.92	19.71	21.00
20	256QAM	1	0	17.78	17.87	17.88	19.00
20		1	49	18.01	18.12	17.85	19.00
20		1	99	17.79	17.96	17.83	19.00
20		50	0	17.63	17.81	17.83	19.00
20		50	24	17.72	17.95	17.89	19.00
20		50	50	17.88	17.93	17.75	19.00
20		100	0	17.68	17.82	17.75	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.66	22.81	22.81	24.00
15		1	37	22.60	22.72	22.62	24.00
15		1	74	22.52	22.85	22.56	24.00
15		36	0	21.66	21.90	21.55	23.00
15		36	20	21.38	21.78	21.80	23.00
15		36	39	21.79	21.87	21.64	23.00
15		75	0	21.49	21.77	21.86	23.00
15	16QAM	1	0	21.89	22.00	21.78	23.00
15		1	37	22.02	22.22	22.06	23.00
15		1	74	22.11	22.00	21.96	23.00
15		36	0	20.70	20.63	20.59	22.00
15		36	20	20.69	20.86	20.86	22.00
15		36	39	20.65	20.70	20.53	22.00
15		75	0	20.78	20.78	20.92	22.00
15	64QAM	1	0	20.81	20.93	20.78	22.00
15		1	37	20.77	20.83	20.73	22.00
15		1	74	20.82	21.02	20.77	22.00
15		36	0	19.83	19.86	19.52	21.00
15		36	20	19.60	19.63	19.52	21.00
15		36	39	19.55	19.78	19.74	21.00
15		75	0	19.51	19.86	19.64	21.00
15	256QAM	1	0	17.61	17.76	17.80	19.00
15		1	37	17.97	18.06	17.71	19.00
15		1	74	17.71	17.87	17.83	19.00
15		36	0	17.48	17.73	17.85	19.00
15		36	20	17.52	17.91	17.85	19.00
15		36	39	17.79	17.83	17.76	19.00
15		75	0	17.56	17.83	17.72	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.45	22.96	22.81	24.00
10		1	25	22.49	22.76	22.73	24.00
10		1	49	22.58	22.74	22.76	24.00
10		25	0	21.81	21.85	21.68	23.00
10		25	12	21.55	21.74	21.83	23.00
10		25	25	21.64	21.73	21.61	23.00
10		50	0	21.45	21.78	21.74	23.00
10	16QAM	1	0	21.88	21.89	21.80	23.00
10		1	25	22.04	22.18	22.02	23.00
10		1	49	21.95	22.10	21.96	23.00
10		25	0	20.77	20.61	20.67	22.00
10		25	12	20.59	20.71	20.64	22.00
10		25	25	20.70	20.73	20.63	22.00
10		50	0	20.71	20.70	20.83	22.00
10	64QAM	1	0	20.68	20.77	20.76	22.00
10		1	25	20.68	20.75	20.86	22.00
10		1	49	20.74	21.07	20.79	22.00
10		25	0	19.67	19.78	19.64	21.00
10		25	12	19.56	19.81	19.62	21.00
10		25	25	19.58	19.69	19.75	21.00
10		50	0	19.57	19.82	19.63	21.00
10	256QAM	1	0	17.61	17.77	17.72	19.00
10		1	25	17.82	17.91	17.82	19.00
10		1	49	17.81	17.92	17.67	19.00
10		25	0	17.63	17.68	17.76	19.00
10		25	12	17.68	17.82	17.70	19.00
10		25	25	17.88	17.87	17.57	19.00
10		50	0	17.68	17.82	17.68	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.51	22.74	22.82	24.00
5		1	12	22.62	22.74	22.74	24.00
5		1	24	22.60	22.91	22.59	24.00
5		12	0	21.61	21.72	21.59	23.00
5		12	7	21.50	21.70	21.72	23.00
5		12	13	21.65	21.91	21.62	23.00
5		25	0	21.48	21.84	21.75	23.00
5	16QAM	1	0	21.84	22.00	21.89	23.00
5		1	12	21.93	22.25	21.85	23.00
5		1	24	22.03	22.02	22.14	23.00
5		12	0	20.78	20.62	20.54	22.00
5		12	7	20.66	20.78	20.84	22.00
5		12	13	20.78	20.71	20.59	22.00
5		25	0	20.75	20.78	20.67	22.00
5	64QAM	1	0	20.77	20.97	20.75	22.00
5		1	12	20.67	20.92	20.84	22.00
5		1	24	20.71	21.07	20.87	22.00
5		12	0	19.61	19.75	19.70	21.00
5		12	7	19.70	19.78	19.72	21.00
5		12	13	19.53	19.70	19.65	21.00
5		25	0	19.56	19.91	19.69	21.00
5	256QAM	1	0	17.61	17.80	17.82	19.00
5		1	12	17.99	18.08	17.83	19.00
5		1	24	17.66	17.80	17.64	19.00
5		12	0	17.48	17.71	17.80	19.00
5		12	7	17.54	17.78	17.80	19.00
5		12	13	17.76	17.79	17.73	19.00
5		25	0	17.60	17.63	17.69	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.49	22.74	22.91	24.00
3		1	8	22.48	22.77	22.77	24.00
3		1	14	22.70	22.81	22.58	24.00
3		8	0	21.84	21.82	21.74	23.00
3		8	4	21.43	21.86	21.76	23.00
3		8	7	21.71	21.81	21.74	23.00
3		15	0	21.46	21.75	21.72	23.00
3	16QAM	1	0	21.84	21.85	21.69	23.00
3		1	8	21.91	22.19	21.89	23.00
3		1	14	22.09	22.00	22.15	23.00
3		8	0	20.63	20.77	20.69	22.00
3		8	4	20.57	20.80	20.80	22.00
3		8	7	20.75	20.79	20.60	22.00
3		15	0	20.61	20.63	20.84	22.00
3	64QAM	1	0	20.62	20.81	20.78	22.00
3		1	8	20.62	20.80	20.76	22.00
3		1	14	20.66	20.90	20.90	22.00
3		8	0	19.69	19.80	19.63	21.00
3		8	4	19.59	19.74	19.54	21.00
3		8	7	19.61	19.80	19.72	21.00
3		15	0	19.58	19.87	19.66	21.00
3	256QAM	1	0	17.74	17.89	17.70	19.00
3		1	8	18.01	17.91	17.84	19.00
3		1	14	17.80	17.89	17.85	19.00
3		8	0	17.65	17.82	17.83	19.00
3		8	4	17.65	17.86	17.70	19.00
3		8	7	17.74	17.85	17.60	19.00
3		15	0	17.50	17.67	17.71	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.68	22.67	22.73	24.00
1.4		1	3	22.72	22.79	22.63	24.00
1.4		1	5	22.54	22.60	22.76	24.00
1.4		3	0	21.91	22.02	21.84	24.00
1.4		3	1	21.82	21.90	21.90	24.00
1.4		3	3	21.93	22.00	21.94	24.00
1.4		6	0	21.62	21.76	21.78	23.00
1.4	16QAM	1	0	21.81	22.04	21.76	23.00
1.4		1	3	21.92	22.07	21.89	23.00
1.4		1	5	21.98	22.21	22.15	23.00
1.4		3	0	20.98	20.95	20.80	23.00
1.4		3	1	20.91	21.00	20.97	23.00
1.4		3	3	20.89	20.98	21.01	23.00
1.4		6	0	20.74	20.88	20.67	22.00
1.4	64QAM	1	0	20.80	20.96	20.66	22.00
1.4		1	3	20.84	20.95	20.91	22.00
1.4		1	5	20.84	21.00	21.00	22.00
1.4		3	0	19.93	19.98	19.81	22.00
1.4		3	1	19.90	20.02	19.93	22.00
1.4		3	3	19.90	19.86	19.87	22.00
1.4		6	0	19.66	19.78	19.77	21.00
1.4	256QAM	1	0	17.82	17.94	17.90	19.00
1.4		1	3	17.75	17.96	17.77	19.00
1.4		1	5	17.52	17.93	17.69	19.00
1.4		3	0	17.66	17.66	17.65	19.00
1.4		3	1	17.51	17.77	17.77	19.00
1.4		3	3	17.67	17.89	17.78	19.00
1.4		6	0	17.63	17.88	17.65	19.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.82	23.88	23.79	25.00
20		1	49	23.84	23.87	23.68	25.00
20		1	99	23.72	23.80	23.76	25.00
20		50	0	22.54	22.76	22.75	24.00
20		50	24	22.44	22.60	22.70	24.00
20		50	50	22.65	22.76	22.62	24.00
20		100	0	22.85	22.81	22.87	24.00
20	16QAM	1	0	22.94	22.80	23.01	24.00
20		1	49	22.87	22.91	22.86	24.00
20		1	99	22.98	22.80	22.76	24.00
20		50	0	21.66	21.70	21.55	23.00
20		50	24	21.72	21.66	21.66	23.00
20		50	50	21.65	21.78	21.83	23.00
20		100	0	21.74	21.78	21.86	23.00
20	64QAM	1	0	21.87	21.94	21.97	23.00
20		1	49	21.63	21.89	21.57	23.00
20		1	99	21.61	21.79	21.85	23.00
20		50	0	20.83	20.89	20.72	22.00
20		50	24	20.71	20.72	20.68	22.00
20		50	50	20.62	20.83	20.88	22.00
20		100	0	20.82	20.84	20.83	22.00
20	256QAM	1	0	18.89	18.83	18.83	20.00
20		1	49	18.94	18.82	18.94	20.00
20		1	99	18.69	18.74	18.57	20.00
20		50	0	18.73	18.91	18.79	20.00
20		50	24	18.75	18.79	18.83	20.00
20		50	50	18.91	18.79	18.74	20.00
20		100	0	18.65	19.02	19.02	20.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.63	23.69	23.63	25.00
15		1	37	23.80	23.78	23.47	25.00
15		1	74	23.66	23.61	23.57	25.00
15		36	0	22.48	22.68	22.56	24.00
15		36	20	22.40	22.61	22.65	24.00
15		36	39	22.50	22.63	22.40	24.00
15		75	0	22.83	22.82	22.87	24.00
15	16QAM	1	0	22.74	22.73	22.90	24.00
15		1	37	22.75	22.82	22.68	24.00
15		1	74	22.91	22.67	22.85	24.00
15		36	0	21.44	21.52	21.42	23.00
15		36	20	21.71	21.52	21.57	23.00
15		36	39	21.45	21.67	21.63	23.00
15		75	0	21.62	21.70	21.70	23.00
15	64QAM	1	0	21.79	21.94	21.92	23.00
15		1	37	21.59	21.83	21.53	23.00
15		1	74	21.57	21.74	21.65	23.00
15		36	0	20.64	20.75	20.57	22.00
15		36	20	20.56	20.59	20.69	22.00
15		36	39	20.63	20.63	20.69	22.00
15		75	0	20.69	20.71	20.85	22.00
15	256QAM	1	0	18.73	18.79	18.46	20.00
15		1	37	18.84	18.74	18.94	20.00
15		1	74	18.67	18.68	18.54	20.00
15		36	0	18.62	18.83	18.78	20.00
15		36	20	18.59	18.72	18.47	20.00
15		36	39	18.74	18.71	18.73	20.00
15		75	0	18.46	18.82	19.02	20.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.64	23.86	23.69	25.00
10		1	25	23.86	23.75	23.59	25.00
10		1	49	23.51	23.66	23.59	25.00
10		25	0	22.35	22.68	22.63	24.00
10		25	12	22.26	22.56	22.58	24.00
10		25	25	22.65	22.75	22.55	24.00
10		50	0	22.81	22.60	22.81	24.00
10	16QAM	1	0	22.80	22.64	22.79	24.00
10		1	25	22.85	22.77	22.69	24.00
10		1	49	22.92	22.64	22.73	24.00
10		25	0	21.54	21.53	21.56	23.00
10		25	12	21.71	21.62	21.50	23.00
10		25	25	21.48	21.76	21.56	23.00
10		50	0	21.60	21.75	21.71	23.00
10	64QAM	1	0	21.72	21.79	21.94	23.00
10		1	25	21.57	21.78	21.45	23.00
10		1	49	21.42	21.74	21.68	23.00
10		25	0	20.84	20.87	20.58	22.00
10		25	12	20.59	20.72	20.56	22.00
10		25	25	20.42	20.76	20.70	22.00
10		50	0	20.84	20.78	20.66	22.00
10	256QAM	1	0	18.72	18.68	18.58	20.00
10		1	25	18.83	18.78	18.79	20.00
10		1	49	18.64	18.56	18.40	20.00
10		25	0	18.71	18.90	18.66	20.00
10		25	12	18.71	18.61	18.47	20.00
10		25	25	18.76	18.62	18.75	20.00
10		50	0	18.46	19.01	18.87	20.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.78	23.77	23.64	25.00
5		1	12	23.72	23.83	23.65	25.00
5		1	24	23.51	23.80	23.64	25.00
5		12	0	22.36	22.73	22.64	24.00
5		12	7	22.37	22.45	22.67	24.00
5		12	13	22.54	22.67	22.60	24.00
5		25	0	22.83	22.63	22.89	24.00
5	16QAM	1	0	22.93	22.68	22.90	24.00
5		1	12	22.71	22.74	22.79	24.00
5		1	24	22.91	22.69	22.67	24.00
5		12	0	21.48	21.64	21.54	23.00
5		12	7	21.51	21.49	21.65	23.00
5		12	13	21.61	21.67	21.42	23.00
5		25	0	21.56	21.58	21.87	23.00
5	64QAM	1	0	21.85	21.95	21.98	23.00
5		1	12	21.48	21.75	21.51	23.00
5		1	24	21.54	21.77	21.73	23.00
5		12	0	20.63	20.70	20.64	22.00
5		12	7	20.57	20.71	20.63	22.00
5		12	13	20.46	20.73	20.74	22.00
5		25	0	20.74	20.71	20.65	22.00
5	256QAM	1	0	18.78	18.82	18.52	20.00
5		1	12	18.86	18.64	18.90	20.00
5		1	24	18.58	18.53	18.43	20.00
5		12	0	18.55	18.79	18.74	20.00
5		12	7	18.62	18.58	18.54	20.00
5		12	13	18.76	18.74	18.72	20.00
5		25	0	18.58	18.83	19.04	20.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.79	23.69	23.78	25.00
3		1	8	23.78	23.72	23.66	25.00
3		1	14	23.61	23.82	23.70	25.00
3		8	0	22.39	22.59	22.67	24.00
3		8	4	22.28	22.60	22.57	24.00
3		8	7	22.47	22.76	22.56	24.00
3		15	0	22.74	22.70	22.67	24.00
3	16QAM	1	0	22.87	22.69	22.99	24.00
3		1	8	22.73	22.80	22.70	24.00
3		1	14	22.93	22.80	22.56	24.00
3		8	0	21.48	21.53	21.50	23.00
3		8	4	21.55	21.59	21.46	23.00
3		8	7	21.54	21.66	21.50	23.00
3		15	0	21.67	21.62	21.88	23.00
3	64QAM	1	0	21.79	21.92	21.90	23.00
3		1	8	21.49	21.69	21.38	23.00
3		1	14	21.56	21.72	21.75	23.00
3		8	0	20.76	20.77	20.51	22.00
3		8	4	20.54	20.63	20.68	22.00
3		8	7	20.52	20.66	20.69	22.00
3		15	0	20.67	20.82	20.63	22.00
3	256QAM	1	0	18.84	18.67	18.57	20.00
3		1	8	18.82	18.64	18.91	20.00
3		1	14	18.67	18.66	18.42	20.00
3		8	0	18.68	18.92	18.70	20.00
3		8	4	18.72	18.58	18.57	20.00
3		8	7	18.83	18.80	18.69	20.00
3		15	0	18.48	18.94	18.81	20.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.68	23.60	23.68	25.00
1.4		1	3	23.80	23.76	23.58	25.00
1.4		1	5	23.62	23.71	23.79	25.00
1.4		3	0	22.86	23.01	22.94	25.00
1.4		3	1	22.73	22.96	22.93	25.00
1.4		3	3	22.88	22.88	22.89	25.00
1.4		6	0	22.61	22.77	22.72	24.00
1.4	16QAM	1	0	22.71	22.96	22.89	24.00
1.4		1	3	22.99	23.14	22.88	24.00
1.4		1	5	22.89	23.23	23.10	24.00
1.4		3	0	22.04	22.06	21.91	24.00
1.4		3	1	21.92	22.11	21.88	24.00
1.4		3	3	21.80	21.98	22.02	24.00
1.4		6	0	21.70	21.93	21.70	23.00
1.4	64QAM	1	0	21.86	22.05	21.56	23.00
1.4		1	3	21.93	21.88	21.92	23.00
1.4		1	5	21.76	22.00	22.11	23.00
1.4		3	0	20.83	21.07	20.81	23.00
1.4		3	1	20.88	21.13	21.05	23.00
1.4		3	3	20.92	20.89	20.84	23.00
1.4		6	0	20.69	20.76	20.83	22.00
1.4	256QAM	1	0	18.81	18.83	19.01	20.00
1.4		1	3	18.83	18.88	18.89	20.00
1.4		1	5	18.55	18.99	18.60	20.00
1.4		3	0	18.59	18.68	18.71	20.00
1.4		3	1	18.49	18.66	18.70	20.00
1.4		3	3	18.60	18.91	18.85	20.00
1.4		6	0	18.59	18.82	18.68	20.00

<LTE Band 2_Ant 4_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.02	19.15	19.01	19.40
20		1	49	18.91	19.09	18.78	19.40
20		1	99	18.92	19.09	18.90	19.40
20		50	0	18.91	18.98	18.76	19.40
20		50	24	18.94	19.09	18.92	19.40
20		50	50	18.82	19.11	18.89	19.40
20		100	0	18.83	19.07	18.89	19.40
20	16QAM	1	0	18.76	19.08	18.75	19.40
20		1	49	18.96	18.89	18.76	19.40
20		1	99	18.85	19.03	18.95	19.40
20		50	0	18.89	19.10	18.77	19.40
20		50	24	18.82	18.91	18.93	19.40
20		50	50	18.91	19.11	18.83	19.40
20		100	0	18.85	19.08	18.75	19.40
20	64QAM	1	0	18.95	19.06	18.96	19.40
20		1	49	18.80	19.10	18.93	19.40
20		1	99	18.99	18.90	18.93	19.40
20		50	0	18.89	19.09	18.81	19.40
20		50	24	18.98	18.88	18.79	19.40
20		50	50	18.94	19.09	18.93	19.40
20		100	0	18.89	18.98	18.94	19.40
20	256QAM	1	0	18.65	18.73	18.58	19.00
20		1	49	18.53	18.71	18.36	19.00
20		1	99	18.55	18.69	18.48	19.00
20		50	0	18.51	18.55	18.39	19.00
20		50	24	18.54	18.67	18.51	19.00
20		50	50	18.40	18.71	18.47	19.00
20		100	0	18.46	18.67	18.47	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.89	19.08	18.90	19.40
15		1	37	18.79	19.00	18.69	19.40
15		1	74	18.80	18.97	18.79	19.40
15		36	0	18.79	18.89	18.68	19.40
15		36	20	18.84	18.98	18.84	19.40
15		36	39	18.74	19.02	18.79	19.40
15		75	0	18.75	18.97	18.77	19.40
15	16QAM	1	0	18.65	18.97	18.66	19.40
15		1	37	18.87	18.79	18.66	19.40
15		1	74	18.73	18.91	18.82	19.40
15		36	0	18.79	19.02	18.67	19.40
15		36	20	18.71	18.80	18.86	19.40
15		36	39	18.83	19.03	18.76	19.40
15		75	0	18.76	18.97	18.67	19.40
15	64QAM	1	0	18.87	18.94	18.85	19.40
15		1	37	18.72	19.02	18.81	19.40
15		1	74	18.89	18.78	18.81	19.40
15		36	0	18.82	18.96	18.72	19.40
15		36	20	18.87	18.76	18.70	19.40
15		36	39	18.85	18.99	18.84	19.40
15		75	0	18.78	18.89	18.85	19.40
15	256QAM	1	0	18.56	18.64	18.51	19.00
15		1	37	18.45	18.63	18.26	19.00
15		1	74	18.43	18.62	18.39	19.00
15		36	0	18.38	18.47	18.26	19.00
15		36	20	18.43	18.56	18.40	19.00
15		36	39	18.29	18.63	18.36	19.00
15		75	0	18.37	18.57	18.39	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.94	19.06	18.89	19.40
10		1	25	18.84	18.99	18.69	19.40
10		1	49	18.83	19.01	18.79	19.40
10		25	0	18.79	18.87	18.67	19.40
10		25	12	18.83	18.98	18.80	19.40
10		25	25	18.72	19.02	18.78	19.40
10		50	0	18.73	18.98	18.79	19.40
10	16QAM	1	0	18.67	19.01	18.65	19.40
10		1	25	18.89	18.77	18.69	19.40
10		1	49	18.76	18.91	18.84	19.40
10		25	0	18.81	18.99	18.66	19.40
10		25	12	18.70	18.82	18.81	19.40
10		25	25	18.82	19.01	18.70	19.40
10		50	0	18.73	18.97	18.64	19.40
10	64QAM	1	0	18.86	18.94	18.84	19.40
10		1	25	18.69	18.98	18.85	19.40
10		1	49	18.91	18.80	18.80	19.40
10		25	0	18.78	18.96	18.68	19.40
10		25	12	18.86	18.75	18.66	19.40
10		25	25	18.82	18.96	18.82	19.40
10		50	0	18.79	18.90	18.81	19.40
10	256QAM	1	0	18.57	18.64	18.49	19.00
10		1	25	18.42	18.63	18.27	19.00
10		1	49	18.42	18.58	18.36	19.00
10		25	0	18.41	18.46	18.30	19.00
10		25	12	18.44	18.55	18.42	19.00
10		25	25	18.28	18.63	18.36	19.00
10		50	0	18.36	18.56	18.35	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.94	19.06	18.90	19.40
5		1	12	18.80	18.99	18.66	19.40
5		1	24	18.82	18.96	18.80	19.40
5		12	0	18.82	18.88	18.65	19.40
5		12	7	18.83	19.02	18.83	19.40
5		12	13	18.72	19.01	18.76	19.40
5		25	0	18.72	18.96	18.80	19.40
5	16QAM	1	0	18.66	18.99	18.68	19.40
5		1	12	18.83	18.77	18.69	19.40
5		1	24	18.75	18.95	18.86	19.40
5		12	0	18.78	19.01	18.66	19.40
5		12	7	18.71	18.81	18.85	19.40
5		12	13	18.82	19.02	18.72	19.40
5		25	0	18.74	18.99	18.62	19.40
5	64QAM	1	0	18.84	18.95	18.85	19.40
5		1	12	18.68	19.00	18.85	19.40
5		1	24	18.89	18.81	18.82	19.40
5		12	0	18.80	19.01	18.71	19.40
5		12	7	18.90	18.77	18.71	19.40
5		12	13	18.87	18.98	18.85	19.40
5		25	0	18.82	18.90	18.86	19.40
5	256QAM	1	0	18.57	18.65	18.45	19.00
5		1	12	18.45	18.60	18.25	19.00
5		1	24	18.42	18.58	18.40	19.00
5		12	0	18.40	18.48	18.30	19.00
5		12	7	18.42	18.55	18.44	19.00
5		12	13	18.33	18.58	18.36	19.00
5		25	0	18.37	18.58	18.35	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.92	19.05	18.88	19.40
3		1	8	18.80	19.01	18.67	19.40
3		1	14	18.83	19.02	18.82	19.40
3		8	0	18.79	18.91	18.66	19.40
3		8	4	18.82	19.00	18.84	19.40
3		8	7	18.75	18.99	18.76	19.40
3		15	0	18.70	18.99	18.76	19.40
3	16QAM	1	0	18.67	18.96	18.64	19.40
3		1	8	18.86	18.78	18.67	19.40
3		1	14	18.72	18.91	18.88	19.40
3		8	0	18.81	18.98	18.64	19.40
3		8	4	18.70	18.80	18.85	19.40
3		8	7	18.79	18.99	18.70	19.40
3		15	0	18.76	18.97	18.64	19.40
3	64QAM	1	0	18.82	18.96	18.84	19.40
3		1	8	18.67	18.98	18.83	19.40
3		1	14	18.90	18.78	18.81	19.40
3		8	0	18.79	18.99	18.69	19.40
3		8	4	18.86	18.75	18.68	19.40
3		8	7	18.83	18.97	18.82	19.40
3		15	0	18.77	18.89	18.87	19.40
3	256QAM	1	0	18.54	18.63	18.48	19.00
3		1	8	18.44	18.61	18.25	19.00
3		1	14	18.48	18.57	18.36	19.00
3		8	0	18.41	18.46	18.32	19.00
3		8	4	18.44	18.60	18.40	19.00
3		8	7	18.31	18.63	18.39	19.00
3		15	0	18.33	18.59	18.35	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.89	19.03	18.92	19.40
1.4		1	3	18.78	19.01	18.70	19.40
1.4		1	5	18.82	18.99	18.81	19.40
1.4		3	0	18.79	18.87	18.65	19.40
1.4		3	1	18.86	18.99	18.79	19.40
1.4		3	3	18.71	19.00	18.81	19.40
1.4		6	0	18.70	18.97	18.79	19.40
1.4	16QAM	1	0	18.66	18.98	18.68	19.40
1.4		1	3	18.89	18.79	18.67	19.40
1.4		1	5	18.77	18.92	18.86	19.40
1.4		3	0	18.79	19.02	18.65	19.40
1.4		3	1	18.70	18.80	18.82	19.40
1.4		3	3	18.82	18.98	18.72	19.40
1.4		6	0	18.75	19.00	18.65	19.40
1.4	64QAM	1	0	18.82	18.97	18.85	19.40
1.4		1	3	18.67	18.97	18.84	19.40
1.4		1	5	18.90	18.79	18.82	19.40
1.4		3	0	18.77	18.96	18.69	19.40
1.4		3	1	18.86	18.79	18.68	19.40
1.4		3	3	18.86	18.99	18.82	19.40
1.4		6	0	18.77	18.89	18.85	19.40
1.4	256QAM	1	0	18.54	18.61	18.49	19.00
1.4		1	3	18.40	18.63	18.27	19.00
1.4		1	5	18.47	18.62	18.35	19.00
1.4		3	0	18.39	18.43	18.30	19.00
1.4		3	1	18.42	18.59	18.42	19.00
1.4		3	3	18.31	18.58	18.39	19.00
1.4		6	0	18.38	18.58	18.35	19.00

<LTE Band 4_Ant 4_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.62	19.81	19.46	20.50
20		1	49	19.57	19.61	19.31	20.50
20		1	99	19.71	19.81	19.71	20.50
20		50	0	19.22	19.75	19.36	20.50
20		50	24	19.47	19.44	19.23	20.50
20		50	50	19.48	19.53	19.44	20.50
20		100	0	19.21	19.53	19.33	20.50
20	16QAM	1	0	19.18	19.33	19.13	20.50
20		1	49	19.56	19.49	19.51	20.50
20		1	99	19.58	19.91	19.35	20.50
20		50	0	19.48	19.30	19.22	20.50
20		50	24	19.33	19.74	19.53	20.50
20		50	50	19.36	19.70	19.32	20.50
20		100	0	19.30	19.28	19.09	20.50
20	64QAM	1	0	19.65	19.42	19.36	20.50
20		1	49	19.18	19.61	19.36	20.50
20		1	99	19.43	19.51	19.29	20.50
20		50	0	19.64	19.67	19.48	20.50
20		50	24	19.35	19.61	19.35	20.50
20		50	50	19.35	19.66	19.33	20.50
20		100	0	19.46	19.49	19.48	20.50
20	256QAM	1	0	18.00	18.15	18.02	19.00
20		1	49	18.25	18.30	18.15	19.00
20		1	99	18.19	18.40	18.21	19.00
20		50	0	17.93	18.10	17.90	19.00
20		50	24	18.22	18.21	18.13	19.00
20		50	50	18.22	18.25	18.12	19.00
20		100	0	18.23	18.22	18.13	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.55	19.76	19.56	20.50
15		1	37	19.48	19.57	19.28	20.50
15		1	74	19.67	19.68	19.59	20.50
15		36	0	19.20	19.73	19.33	20.50
15		36	20	19.36	19.36	19.27	20.50
15		36	39	19.51	19.51	19.57	20.50
15		75	0	19.34	19.73	19.46	20.50
15	16QAM	1	0	19.27	19.26	19.22	20.50
15		1	37	19.54	19.54	19.65	20.50
15		1	74	19.36	19.79	19.29	20.50
15		36	0	19.38	19.39	19.29	20.50
15		36	20	19.45	19.71	19.37	20.50
15		36	39	19.27	19.65	19.33	20.50
15		75	0	19.34	19.36	19.13	20.50
15	64QAM	1	0	19.51	19.51	19.60	20.50
15		1	37	19.20	19.49	19.32	20.50
15		1	74	19.57	19.48	19.14	20.50
15		36	0	19.52	19.47	19.47	20.50
15		36	20	19.35	19.75	19.38	20.50
15		36	39	19.49	19.68	19.26	20.50
15		75	0	19.40	19.57	19.51	20.50
15	256QAM	1	0	17.97	18.13	17.86	18.00
15		1	37	18.06	18.10	18.04	18.00
15		1	74	18.14	18.33	18.13	18.00
15		36	0	17.75	17.94	17.81	18.00
15		36	20	18.01	18.22	18.13	18.00
15		36	39	18.20	18.20	17.99	18.00
15		75	0	18.14	18.03	18.08	18.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.59	19.76	19.59	20.50
10		1	25	19.63	19.62	19.31	20.50
10		1	49	19.54	19.67	19.60	20.50
10		25	0	19.27	19.76	19.27	20.50
10		25	12	19.35	19.35	19.27	20.50
10		25	25	19.44	19.58	19.46	20.50
10		50	0	19.28	19.53	19.48	20.50
10	16QAM	1	0	19.16	19.43	19.21	20.50
10		1	25	19.61	19.54	19.58	20.50
10		1	49	19.36	19.79	19.37	20.50
10		25	0	19.51	19.31	19.11	20.50
10		25	12	19.40	19.59	19.57	20.50
10		25	25	19.15	19.64	19.17	20.50
10		50	0	19.41	19.35	19.08	20.50
10	64QAM	1	0	19.61	19.62	19.55	20.50
10		1	25	19.22	19.62	19.33	20.50
10		1	49	19.54	19.55	19.24	20.50
10		25	0	19.61	19.55	19.52	20.50
10		25	12	19.45	19.76	19.32	20.50
10		25	25	19.52	19.49	19.19	20.50
10		50	0	19.51	19.49	19.31	20.50
10	256QAM	1	0	17.81	18.10	17.80	18.00
10		1	25	18.22	18.10	18.05	18.00
10		1	49	18.04	18.27	18.04	18.00
10		25	0	17.91	17.89	17.74	18.00
10		25	12	18.03	18.04	18.04	18.00
10		25	25	18.12	18.20	17.99	18.00
10		50	0	18.23	18.09	18.12	18.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.61	19.81	19.62	20.50
5		1	12	19.53	19.62	19.47	20.50
5		1	24	19.53	19.64	19.54	20.50
5		12	0	19.24	19.68	19.17	20.50
5		12	7	19.29	19.50	19.16	20.50
5		12	13	19.58	19.47	19.51	20.50
5		25	0	19.29	19.63	19.35	20.50
5	16QAM	1	0	19.38	19.39	19.03	20.50
5		1	12	19.50	19.39	19.48	20.50
5		1	24	19.51	19.91	19.34	20.50
5		12	0	19.37	19.43	19.21	20.50
5		12	7	19.54	19.52	19.46	20.50
5		12	13	19.18	19.61	19.19	20.50
5		25	0	19.43	19.26	19.28	20.50
5	64QAM	1	0	19.62	19.41	19.37	20.50
5		1	12	19.17	19.53	19.38	20.50
5		1	24	19.57	19.54	19.27	20.50
5		12	0	19.60	19.50	19.36	20.50
5		12	7	19.43	19.76	19.43	20.50
5		12	13	19.50	19.62	19.34	20.50
5		25	0	19.38	19.47	19.48	20.50
5	256QAM	1	0	17.86	17.95	17.86	18.00
5		1	12	18.08	18.16	18.01	18.00
5		1	24	18.13	18.38	18.12	18.00
5		12	0	17.75	18.05	17.81	18.00
5		12	7	18.11	18.02	17.94	18.00
5		12	13	18.03	18.21	18.09	18.00
5		25	0	18.17	18.11	18.03	18.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.56	19.79	19.61	20.50
3		1	8	19.46	19.61	19.29	20.50
3		1	14	19.65	19.64	19.54	20.50
3		8	0	19.43	19.77	19.21	20.50
3		8	4	19.28	19.28	19.04	20.50
3		8	7	19.58	19.59	19.60	20.50
3		15	0	19.34	19.73	19.27	20.50
3	16QAM	1	0	19.17	19.38	19.17	20.50
3		1	8	19.61	19.48	19.44	20.50
3		1	14	19.53	19.80	19.39	20.50
3		8	0	19.37	19.43	19.31	20.50
3		8	4	19.42	19.53	19.55	20.50
3		8	7	19.20	19.74	19.35	20.50
3		15	0	19.28	19.43	19.16	20.50
3	64QAM	1	0	19.50	19.46	19.51	20.50
3		1	8	19.23	19.70	19.44	20.50
3		1	14	19.46	19.49	19.28	20.50
3		8	0	19.55	19.59	19.53	20.50
3		8	4	19.52	19.64	19.29	20.50
3		8	7	19.38	19.64	19.31	20.50
3		15	0	19.44	19.49	19.33	20.50
3	256QAM	1	0	17.78	17.95	17.87	18.00
3		1	8	18.13	18.25	18.16	18.00
3		1	14	18.03	18.26	18.05	18.00
3		8	0	17.86	18.04	17.89	18.00
3		8	4	18.18	18.21	18.11	18.00
3		8	7	18.07	18.03	17.92	18.00
3		15	0	18.16	18.24	18.15	18.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.53	19.83	19.63	20.50
1.4		1	3	19.45	19.68	19.31	20.50
1.4		1	5	19.69	19.73	19.62	20.50
1.4		3	0	19.35	19.85	19.35	20.50
1.4		3	1	19.49	19.43	19.26	20.50
1.4		3	3	19.44	19.65	19.53	20.50
1.4		6	0	19.36	19.64	19.33	20.50
1.4	16QAM	1	0	19.26	19.43	19.10	20.50
1.4		1	3	19.57	19.41	19.57	20.50
1.4		1	5	19.46	19.79	19.34	20.50
1.4		3	0	19.46	19.43	19.33	20.50
1.4		3	1	19.53	19.61	19.40	20.50
1.4		3	3	19.23	19.68	19.23	20.50
1.4		6	0	19.22	19.39	19.07	20.50
1.4	64QAM	1	0	19.60	19.48	19.55	20.50
1.4		1	3	19.39	19.62	19.31	20.50
1.4		1	5	19.62	19.48	19.24	20.50
1.4		3	0	19.51	19.53	19.40	20.50
1.4		3	1	19.40	19.62	19.46	20.50
1.4		3	3	19.40	19.67	19.41	20.50
1.4		6	0	19.35	19.59	19.49	20.50
1.4	256QAM	1	0	17.39	17.73	17.46	18.00
1.4		1	3	17.70	18.10	17.86	18.00
1.4		1	5	17.81	18.19	17.71	18.00
1.4		3	0	17.37	17.74	17.37	18.00
1.4		3	1	17.55	17.66	17.60	18.00
1.4		3	3	17.56	17.89	17.61	18.00
1.4		6	0	17.49	17.68	17.60	18.00

<LTE Band 66_Ant 4_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.67	19.98	19.67	20.50
20		1	49	19.70	19.76	19.50	20.50
20		1	99	19.76	19.87	19.79	20.50
20		50	0	19.47	19.93	19.42	20.50
20		50	24	19.53	19.54	19.31	20.50
20		50	50	19.70	19.71	19.69	20.50
20		100	0	19.48	19.77	19.53	20.50
20	16QAM	1	0	19.43	19.52	19.27	20.50
20		1	49	19.69	19.63	19.71	20.50
20		1	99	19.62	19.95	19.51	20.50
20		50	0	19.54	19.54	19.37	20.50
20		50	24	19.60	19.79	19.62	20.50
20		50	50	19.41	19.78	19.42	20.50
20		100	0	19.47	19.51	19.34	20.50
20	64QAM	1	0	19.73	19.66	19.63	20.50
20		1	49	19.43	19.74	19.52	20.50
20		1	99	19.67	19.65	19.36	20.50
20		50	0	19.70	19.74	19.58	20.50
20		50	24	19.57	19.87	19.49	20.50
20		50	50	19.61	19.71	19.46	20.50
20		100	0	19.57	19.63	19.55	20.50
20	256QAM	1	0	18.15	18.18	18.19	19.00
20		1	49	18.36	18.43	18.42	19.00
20		1	99	18.28	18.41	18.39	19.00
20		50	0	18.10	18.14	18.10	19.00
20		50	24	18.16	18.19	18.18	19.00
20		50	50	18.23	18.32	18.23	19.00
20		100	0	18.00	18.18	18.18	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.56	19.91	19.56	20.50
15		1	37	19.45	19.64	19.26	20.50
15		1	74	19.69	19.78	19.59	20.50
15		36	0	19.21	19.78	19.28	20.50
15		36	20	19.32	19.49	19.06	20.50
15		36	39	19.51	19.62	19.61	20.50
15		75	0	19.28	19.69	19.47	20.50
15	16QAM	1	0	19.17	19.32	19.03	20.50
15		1	37	19.61	19.42	19.49	20.50
15		1	74	19.49	19.88	19.27	20.50
15		36	0	19.40	19.31	19.14	20.50
15		36	20	19.58	19.63	19.39	20.50
15		36	39	19.16	19.62	19.22	20.50
15		75	0	19.44	19.26	19.15	20.50
15	64QAM	1	0	19.69	19.40	19.47	20.50
15		1	37	19.20	19.52	19.42	20.50
15		1	74	19.50	19.41	19.14	20.50
15		36	0	19.49	19.60	19.40	20.50
15		36	20	19.38	19.81	19.37	20.50
15		36	39	19.47	19.48	19.38	20.50
15		75	0	19.43	19.60	19.38	20.50
15	256QAM	1	0	18.16	18.18	18.02	19.00
15		1	37	18.17	18.25	18.39	19.00
15		1	74	18.16	18.29	18.28	19.00
15		36	0	17.95	18.06	18.03	19.00
15		36	20	18.01	18.05	17.97	19.00
15		36	39	18.02	18.14	18.13	19.00
15		75	0	17.81	18.07	18.05	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.45	19.75	19.50	20.50
10		1	25	19.57	19.50	19.26	20.50
10		1	49	19.64	19.80	19.61	20.50
10		25	0	19.40	19.86	19.18	20.50
10		25	12	19.32	19.39	19.11	20.50
10		25	25	19.54	19.49	19.42	20.50
10		50	0	19.45	19.56	19.39	20.50
10	16QAM	1	0	19.35	19.31	19.04	20.50
10		1	25	19.54	19.54	19.49	20.50
10		1	49	19.55	19.90	19.29	20.50
10		25	0	19.35	19.48	19.33	20.50
10		25	12	19.36	19.67	19.36	20.50
10		25	25	19.24	19.56	19.35	20.50
10		50	0	19.35	19.38	19.17	20.50
10	64QAM	1	0	19.68	19.45	19.51	20.50
10		1	25	19.32	19.51	19.35	20.50
10		1	49	19.63	19.49	19.32	20.50
10		25	0	19.53	19.68	19.36	20.50
10		25	12	19.30	19.80	19.26	20.50
10		25	25	19.48	19.45	19.35	20.50
10		50	0	19.35	19.56	19.48	20.50
10	256QAM	1	0	17.97	18.19	18.19	19.00
10		1	25	18.36	18.36	18.21	19.00
10		1	49	18.28	18.24	18.37	19.00
10		25	0	18.00	17.95	18.06	19.00
10		25	12	18.16	18.07	17.96	19.00
10		25	25	18.24	18.18	18.22	19.00
10		50	0	18.00	18.06	18.04	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.42	19.83	19.63	20.50
5		1	12	19.65	19.66	19.46	20.50
5		1	24	19.51	19.70	19.52	20.50
5		12	0	19.33	19.79	19.22	20.50
5		12	7	19.44	19.30	19.14	20.50
5		12	13	19.55	19.63	19.65	20.50
5		25	0	19.44	19.66	19.49	20.50
5	16QAM	1	0	19.40	19.31	19.07	20.50
5		1	12	19.58	19.60	19.60	20.50
5		1	24	19.41	19.91	19.38	20.50
5		12	0	19.44	19.48	19.11	20.50
5		12	7	19.53	19.70	19.50	20.50
5		12	13	19.21	19.55	19.31	20.50
5		25	0	19.38	19.34	19.12	20.50
5	64QAM	1	0	19.60	19.48	19.55	20.50
5		1	12	19.36	19.52	19.29	20.50
5		1	24	19.60	19.49	19.16	20.50
5		12	0	19.50	19.67	19.47	20.50
5		12	7	19.54	19.72	19.25	20.50
5		12	13	19.47	19.46	19.26	20.50
5		25	0	19.33	19.37	19.42	20.50
5	256QAM	1	0	18.11	17.97	18.07	19.00
5		1	12	18.24	18.45	18.43	19.00
5		1	24	18.26	18.22	18.31	19.00
5		12	0	17.88	18.15	17.89	19.00
5		12	7	18.11	18.03	17.98	19.00
5		12	13	18.11	18.16	18.13	19.00
5		25	0	18.01	18.06	18.11	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.60	19.82	19.64	20.50
3		1	8	19.55	19.60	19.26	20.50
3		1	14	19.68	19.67	19.63	20.50
3		8	0	19.20	19.88	19.38	20.50
3		8	4	19.38	19.36	19.19	20.50
3		8	7	19.60	19.46	19.44	20.50
3		15	0	19.27	19.66	19.39	20.50
3	16QAM	1	0	19.39	19.31	19.02	20.50
3		1	8	19.60	19.53	19.48	20.50
3		1	14	19.55	19.72	19.40	20.50
3		8	0	19.33	19.39	19.27	20.50
3		8	4	19.53	19.74	19.58	20.50
3		8	7	19.28	19.66	19.38	20.50
3		15	0	19.43	19.35	19.22	20.50
3	64QAM	1	0	19.51	19.46	19.54	20.50
3		1	8	19.31	19.56	19.25	20.50
3		1	14	19.60	19.42	19.31	20.50
3		8	0	19.63	19.51	19.36	20.50
3		8	4	19.34	19.66	19.29	20.50
3		8	7	19.58	19.59	19.42	20.50
3		15	0	19.46	19.51	19.32	20.50
3	256QAM	1	0	17.95	18.16	18.21	19.00
3		1	8	18.19	18.36	18.42	19.00
3		1	14	18.22	18.33	18.17	19.00
3		8	0	18.09	17.98	18.09	19.00
3		8	4	18.10	18.18	18.19	19.00
3		8	7	18.06	18.15	18.17	19.00
3		15	0	18.02	18.11	18.14	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.47	19.87	19.53	20.50
1.4		1	3	19.53	19.71	19.24	20.50
1.4		1	5	19.63	19.81	19.54	20.50
1.4		3	0	19.27	19.72	19.32	20.50
1.4		3	1	19.32	19.51	19.08	20.50
1.4		3	3	19.60	19.66	19.55	20.50
1.4		6	0	19.30	19.66	19.44	20.50
1.4	16QAM	1	0	19.28	19.43	19.05	20.50
1.4		1	3	19.44	19.44	19.50	20.50
1.4		1	5	19.44	19.82	19.46	20.50
1.4		3	0	19.48	19.41	19.23	20.50
1.4		3	1	19.48	19.61	19.41	20.50
1.4		3	3	19.15	19.71	19.32	20.50
1.4		6	0	19.21	19.41	19.22	20.50
1.4	64QAM	1	0	19.48	19.47	19.43	20.50
1.4		1	3	19.18	19.53	19.46	20.50
1.4		1	5	19.42	19.54	19.14	20.50
1.4		3	0	19.65	19.58	19.49	20.50
1.4		3	1	19.35	19.76	19.27	20.50
1.4		3	3	19.37	19.55	19.33	20.50
1.4		6	0	19.49	19.48	19.51	20.50
1.4	256QAM	1	0	17.92	18.07	17.91	19.00
1.4		1	3	18.01	18.22	18.00	19.00
1.4		1	5	18.11	18.28	17.96	19.00
1.4		3	0	17.96	18.18	17.93	19.00
1.4		3	1	17.90	18.11	18.00	19.00
1.4		3	3	18.13	18.33	17.88	19.00
1.4		6	0	18.12	18.36	18.07	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	22.76	22.95	22.92	24.00
40		1	108	22.70	22.75	22.89	24.00
40		1	214	22.64	22.82	22.76	24.00
40		108	0	22.21	22.45	22.10	23.50
40		108	54	22.60	22.75	22.77	24.00
40		108	108	22.25	22.49	22.15	23.50
40		216	0	22.14	22.39	22.27	23.50
40	QPSK	1	1	22.53	22.94	22.64	24.00
40		1	108	22.73	22.70	22.57	24.00
40		1	214	22.70	22.92	22.53	24.00
40		108	0	21.78	21.85	21.82	23.00
40		108	54	22.80	22.82	22.64	24.00
40		108	108	21.80	21.84	21.69	23.00
40		216	0	21.56	21.91	21.56	23.00
40	16QAM	1	1	21.79	22.12	21.60	23.00
40	64QAM	1	1	19.95	20.11	20.08	21.50
40	256QAM	1	1	17.92	18.05	17.90	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.69	22.85	22.74	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.67	22.85	22.94	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.67	22.81	22.73	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.71	22.78	22.76	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.72	22.83	22.73	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.65	22.73	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.58	22.90	22.88	24.00

<FR1 n25_Ant 0_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.81	22.96	22.88	24.00
40		1	108	22.72	22.90	22.86	24.00
40		1	214	22.84	22.82	22.76	24.00
40		108	0	22.41	22.40	22.18	23.50
40		108	54	22.75	22.90	22.73	24.00
40		108	108	22.34	22.41	22.34	23.50
40		216	0	22.23	22.39	22.30	23.50
40	QPSK	1	1	22.77	22.80	22.58	24.00
40		1	108	22.76	22.91	22.73	24.00
40		1	214	22.70	22.80	22.63	24.00
40		108	0	22.81	22.88	22.74	23.00
40		108	54	22.77	22.87	22.71	24.00
40		108	108	21.72	21.90	21.76	23.00
40		216	0	21.87	21.88	21.70	23.00
40	16QAM	1	1	21.84	21.98	21.86	23.00
40	64QAM	1	1	20.15	20.15	20.04	21.50
40	256QAM	1	1	17.96	18.10	17.91	19.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	22.74	22.86	22.84	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.63	22.91	22.69	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.71	22.87	22.88	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.76	22.81	22.81	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.64	22.82	22.72	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.77	22.95	22.84	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.63	22.75	22.86	24.00

<FR1 n66_Ant 0_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	22.80	23.00	22.84	24.00
45		1	120	22.99	22.97	22.80	24.00
45		1	240	22.67	22.87	22.74	24.00
45		120	0	22.21	22.40	22.24	23.50
45		120	60	22.74	22.94	22.84	24.00
45		120	120	22.25	22.42	22.38	23.50
45		240	0	22.34	22.36	22.20	23.50
45	QPSK	1	1	22.61	22.80	22.80	24.00
45		1	120	23.00	22.99	22.93	24.00
45		1	240	22.77	22.89	22.82	24.00
45		120	0	21.84	21.91	21.72	23.00
45		120	60	22.77	22.95	22.85	24.00
45		120	120	21.91	21.96	21.83	23.00
45		240	0	21.83	21.85	21.67	23.00
45	16QAM	1	1	21.85	21.91	21.82	23.00
45	64QAM	1	1	19.97	20.06	20.03	21.50
45	256QAM	1	1	17.90	18.09	17.93	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.73	22.86	22.77	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	22.81	23.01	22.75	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.81	22.80	22.64	24.00
Channel				344503	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.75	22.98	22.70	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.60	22.98	22.73	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.66	22.92	22.84	24.00
Channel				343003	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.65	22.93	22.68	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.78	22.93	22.67	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	18.44	18.70	18.55	19.80
40		1	108	18.57	18.63	18.44	19.80
40		1	214	18.37	18.64	18.36	19.80
40	PI/2 BPSK	108	0	18.08	18.50	18.31	19.80
40		108	54	18.51	18.65	18.37	19.80
40		108	108	18.15	18.47	18.39	19.80
40		216	0	18.47	18.53	18.31	19.80
40		1	1	18.37	18.61	18.36	19.80
40		1	108	18.35	18.55	18.37	19.80
40		1	214	18.34	18.46	18.25	19.80
40	QPSK	108	0	18.12	18.39	18.22	19.80
40		108	54	18.20	18.67	18.25	19.80
40		108	108	18.22	18.61	18.21	19.80
40		216	0	18.45	18.45	18.07	19.80
40	16QAM	1	1	18.24	18.51	18.34	19.80
40	64QAM	1	1	18.13	18.55	18.32	19.80
40	256QAM	1	1	18.53	18.46	18.31	19.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	18.38	18.57	18.41	19.80
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	18.36	18.58	18.51	19.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	18.37	18.57	18.42	19.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.32	18.67	18.53	19.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.33	18.60	18.50	19.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.40	18.57	18.45	19.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.35	18.56	18.49	19.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	18.63	18.76	18.65	19.80
40		1	108	18.56	18.63	18.43	19.80
40		1	214	18.57	18.75	18.44	19.80
40	PI/2 BPSK	108	0	18.30	18.62	18.30	19.80
40		108	54	18.66	18.64	18.54	19.80
40		108	108	18.35	18.60	18.40	19.80
40		216	0	18.46	18.67	18.45	19.80
40		1	1	18.42	18.63	18.42	19.80
40		1	108	18.48	18.61	18.51	19.80
40		1	214	18.44	18.59	18.26	19.80
40	QPSK	108	0	18.33	18.54	18.32	19.80
40		108	54	18.38	18.75	18.33	19.80
40		108	108	18.34	18.61	18.24	19.80
40		216	0	18.44	18.59	18.29	19.80
40	16QAM	1	1	18.40	18.60	18.36	19.80
40	64QAM	1	1	18.34	18.69	18.33	19.80
40	256QAM	1	1	18.29	18.44	18.29	19.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	18.58	18.73	18.57	19.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.50	18.71	18.54	19.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.52	18.69	18.63	19.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.51	18.70	18.52	19.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.60	18.69	18.61	19.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.51	18.73	18.57	19.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.50	18.64	18.64	19.80

<FR1 n66_Ant 4_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	19.67	19.55	19.55	20.50
45		1	120	19.93	20.09	19.85	20.50
45		1	240	19.93	20.04	19.75	20.50
45		120	0	19.74	19.78	19.47	20.50
45		120	60	19.83	20.05	19.92	20.50
45		120	120	19.45	19.68	19.66	20.50
45		240	0	19.31	19.28	19.14	20.50
45	QPSK	1	1	19.47	19.67	19.55	20.50
45		1	120	19.94	19.85	19.87	20.50
45		1	240	19.94	20.02	20.01	20.50
45		120	0	19.66	19.87	19.64	20.50
45		120	60	20.06	20.01	19.91	20.50
45		120	120	19.92	19.93	19.97	20.50
45		240	0	19.69	19.97	19.80	20.50
45	16QAM	1	1	19.57	19.70	19.40	20.50
45	64QAM	1	1	19.66	19.65	19.51	20.50
45	256QAM	1	1	19.67	19.51	19.46	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.55	18.52	18.56	20.50
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.58	18.55	18.61	20.50
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.55	18.57	18.54	20.50
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.57	18.53	18.54	20.50
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.55	18.53	18.52	20.50
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.56	18.58	18.61	20.50
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.62	18.59	18.52	20.50
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.61	18.51	18.53	20.50

<FR1 n77 (27Q)_Ant 1_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.21		24.00
100		1	137		23.18		24.00
100		1	271		23.15		24.00
100		135	0		22.98		24.00
100		135	69		23.08		24.00
100		135	138		23.16		24.00
100	QPSK	270	0		23.04		24.00
100		1	1		22.93		24.00
100		1	137		23.12		24.00
100		1	271		23.12		24.00
100		135	0		22.96		24.00
100		135	69		23.05		24.00
100		135	138		23.11		24.00
100		270	0		23.04		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		21.18		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.79	22.80	22.85	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.95	22.92	22.90	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.94	22.79	22.93	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.95	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.86	22.95	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.92	22.86	22.79	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.81	22.93	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.88	22.83	22.93	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.85	22.86	22.87	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.80	22.95	22.74	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.74	22.91	24.00

<FR1 n77 (27Q)_HPUE_Ant 1_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.16		27.00
100		1	137		25.97		27.00
100		1	271		26.11		27.00
100		135	0		25.57		27.00
100		135	69		26.11		27.00
100		135	138		25.69		27.00
100	QPSK	270	0		25.64		27.00
100		1	1		25.89		27.00
100		1	137		26.08		27.00
100		1	271		26.03		27.00
100		135	0		25.10		27.00
100		135	69		26.15		27.00
100		135	138		25.22		27.00
100		270	0		25.12		27.00
100	16QAM	1	1		25.11		27.00
100	64QAM	1	1		23.28		25.00
100	256QAM	1	1		21.85		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.92	25.89	25.83	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.82	25.87	25.79	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.93	25.95	25.91	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.92	25.77	25.84	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.91	25.91	25.85	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.95	25.80	25.93	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.81	25.81	25.83	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.79	25.90	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.89	25.87	25.78	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.87	25.80	25.86	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.88	25.93	25.82	27.00

<FR1 n77 (27O)_Ant 1_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				655000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.16	23.30	23.24	23.18	24.00
100		1	137	23.20	23.22	23.25	23.16	24.00
100		1	271	23.17	23.12	23.19	22.98	24.00
100		135	0	23.14	23.21	23.16	23.07	24.00
100		135	69	23.05	23.27	23.01	22.87	24.00
100		135	138	23.12	23.26	23.16	22.96	24.00
100		270	0	23.09	23.26	23.27	23.21	24.00
100	QPSK	1	1	23.16	23.23	23.05	23.04	24.00
100		1	137	23.16	23.09	23.21	23.10	24.00
100		1	271	23.08	23.26	23.23	23.02	24.00
100		135	0	23.17	23.28	23.09	22.98	24.00
100		135	69	23.26	23.26	23.27	23.08	24.00
100		135	138	23.09	23.28	23.17	23.14	24.00
100		270	0	23.12	23.26	23.15	23.00	24.00
100	16QAM	1	1	23.27	23.09	23.14	23.12	24.00
100	64QAM	1	1	22.96	23.06	22.86	22.85	24.00
100	256QAM	1	1	21.28	21.48	21.26	21.18	22.00
Channel				649668	655500	661134	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.94	23.08	23.03	23.07	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.13	23.29	23.21	23.16	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.94	23.15	23.19	23.04	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.02	23.21	23.16	23.00	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.09	23.17	23.09	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.94	23.16	23.04	23.00	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.08	23.15	23.07	23.15	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.02	23.18	23.03	23.20	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.97	23.16	23.16	23.10	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.17	23.21	23.13	23.02	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.99	23.10	23.14	23.12	24.00

<FR1 n77 (27O)_HPUE_Ant 1_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				655000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.21	26.25	26.18	26.13	27.00
100		1	137	26.14	26.22	26.10	26.03	27.00
100		1	271	26.17	26.24	26.25	26.15	27.00
100		135	0	25.58	25.75	25.54	25.40	27.00
100		135	69	26.03	26.16	26.08	25.96	27.00
100		135	138	25.65	25.73	25.66	25.44	27.00
100		270	0	25.61	25.71	25.58	25.38	27.00
100	QPSK	1	1	26.17	26.21	25.99	25.86	27.00
100		1	137	26.15	26.22	26.23	26.13	27.00
100		1	271	26.18	26.17	26.16	26.13	27.00
100		135	0	25.12	25.28	25.26	25.16	27.00
100		135	69	26.21	26.21	26.18	25.97	27.00
100		135	138	25.16	25.30	25.09	24.99	27.00
100		270	0	25.19	25.24	25.13	25.07	27.00
100	16QAM	1	1	25.12	25.28	25.10	24.99	27.00
100	64QAM	1	1	23.39	23.51	23.46	23.32	25.00
100	256QAM	1	1	21.96	22.12	21.99	21.92	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	26.17	26.12	26.13	26.03	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3745.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.13	26.15	26.17	25.93	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.12	26.15	26.19	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	26.12	26.11	26.15	25.96	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3726.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.09	26.18	26.03	26.05	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.15	26.04	26.18	26.04	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	26.01	26.06	25.96	25.90	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.20	26.22	26.04	25.94	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.21	26.22	26.16	25.88	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.21	26.19	26.04	26.01	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	26.21	26.13	26.00	25.90	27.00

<FR1 n41_Ant 2_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	20.30	20.31	20.26	21.00
100		1	137	19.54	19.92	19.56	21.00
100		1	271	19.22	19.82	19.30	21.00
100	PI/2 BPSK	135	0	19.45	20.07	19.65	21.00
100		135	69	19.66	20.08	19.74	21.00
100		135	138	19.44	19.89	19.48	21.00
100		270	0	19.61	19.99	19.50	21.00
100		1	1	19.45	19.81	19.48	21.00
100		1	137	19.50	19.91	19.35	21.00
100		1	271	19.23	19.73	19.43	21.00
100	QPSK	135	0	19.60	20.15	19.60	21.00
100		135	69	19.53	19.79	19.53	21.00
100		135	138	19.47	19.80	19.66	21.00
100		270	0	19.52	19.95	19.55	21.00
100	16QAM	1	1	19.49	19.97	19.50	21.00
100	64QAM	1	1	19.14	19.67	19.22	21.00
100	256QAM	1	1	17.85	18.07	18.00	19.00
Channel				509200	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.32	20.23	20.05	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.29	20.31	20.07	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.24	20.18	20.11	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.36	20.19	20.09	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.25	20.32	20.04	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.33	20.29	20.20	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.16	20.19	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.31	20.09	20.08	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.26	20.12	20.27	21.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.32	20.19	20.22	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.38	20.28	20.13	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.22	20.20	20.15	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.32	20.25	20.09	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	23.21	23.28	23.18	24.00
100		1	137	22.43	22.96	22.73	24.00
100		1	271	22.25	22.74	22.49	24.00
100	PI/2 BPSK	135	0	22.23	22.76	22.62	23.50
100		135	69	22.76	23.08	22.93	24.00
100		135	138	22.17	22.63	22.19	23.50
100		270	0	22.35	22.74	22.54	23.50
100		1	1	22.51	22.95	22.77	24.00
100		1	137	22.42	22.88	22.74	24.00
100		1	271	22.51	22.94	22.81	24.00
100	QPSK	135	0	22.03	22.31	22.07	23.00
100		135	69	22.72	23.22	22.99	24.00
100		135	138	21.80	22.37	22.07	23.00
100		270	0	21.83	22.24	21.97	23.00
100	16QAM	1	1	21.67	21.94	21.80	23.00
100	64QAM	1	1	19.92	20.32	19.93	21.50
100	256QAM	1	1	16.08	16.31	16.21	19.50
Channel				509200	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.21	23.12	23.12	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.13	23.18	23.18	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.21	23.25	23.01	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.08	23.20	23.15	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.06	23.23	23.10	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.14	23.08	23.16	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.13	23.15	23.11	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.13	23.15	23.00	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.16	23.26	23.15	24.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.11	23.09	23.13	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.21	23.19	23.12	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.01	23.22	22.99	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.03	23.23	22.97	24.00

<FR1 n77 (27Q)_Ant 3_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.68		19.50
100		1	137		17.62		19.50
100		1	271		17.58		19.50
100		135	0		17.52		19.50
100		135	69		17.59		19.50
100		135	138		17.52		19.50
100		270	0		17.54		19.50
100	QPSK	1	1		17.55		19.50
100		1	137		17.59		19.50
100		1	271		17.54		19.50
100		135	0		17.51		19.50
100		135	69		17.53		19.50
100		135	138		17.56		19.50
100		270	0		17.59		19.50
100	16QAM	1	1		17.53		19.50
100	64QAM	1	1		17.55		19.50
100	256QAM	1	1		17.59		19.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.61	17.65	17.63	19.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.57	17.51	17.62	19.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.58	17.54	17.58	19.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.59	17.55	17.53	19.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.51	17.61	17.55	19.50
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.50	17.53	17.50	19.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.60	17.61	17.59	19.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.54	17.56	17.57	19.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.59	17.59	17.51	19.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.52	17.61	17.51	19.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.58	17.56	17.61	19.50

<FR1 n77 (27Q)_HPUE_Ant 3_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.66		22.50
100		1	137		20.59		22.50
100		1	271		20.58		22.50
100		135	0		20.54		22.50
100		135	69		20.58		22.50
100		135	138		20.53		22.50
100		270	0		20.53		22.50
100	QPSK	1	1		20.52		22.50
100		1	137		20.56		22.50
100		1	271		20.59		22.50
100		135	0		20.53		22.50
100		135	69		20.53		22.50
100		135	138		20.59		22.50
100		270	0		20.61		22.50
100	16QAM	1	1		20.50		22.50
100	64QAM	1	1		20.52		22.50
100	256QAM	1	1		20.63		22.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.51	20.58	20.57	22.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.55	20.51	20.57	22.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.55	20.55	20.53	22.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.63	20.51	20.53	22.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.56	20.57	20.56	22.50
Channel				631334	633332	633332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.54	20.59	20.53	22.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.55	20.54	20.53	22.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.53	20.60	20.65	22.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.54	20.59	20.55	22.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.52	20.53	20.56	22.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.61	20.63	20.59	22.50

<FR1 n77 (27O)_Ant 3_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	17.71	17.75	17.81	17.73	19.50
100		1	137	17.54	17.53	17.60	17.51	19.50
100		1	271	17.53	17.51	17.55	17.39	19.50
100		135	0	17.51	17.64	17.59	17.50	19.50
100		135	69	17.57	17.66	17.75	17.74	19.50
100		135	138	17.55	17.52	17.54	17.52	19.50
100		270	0	17.58	17.51	17.61	17.45	19.50
100	QPSK	1	1	17.60	17.55	17.64	17.51	19.50
100		1	137	17.60	17.57	17.51	17.51	19.50
100		1	271	17.51	17.62	17.57	17.57	19.50
100		135	0	17.64	17.65	17.67	17.47	19.50
100		135	69	17.63	17.60	17.70	17.50	19.50
100		135	138	17.52	17.55	17.63	17.51	19.50
100		270	0	17.51	17.52	17.58	17.59	19.50
100	16QAM	1	1	17.50	17.54	17.58	17.42	19.50
100	64QAM	1	1	17.56	17.59	17.69	17.52	19.50
100	256QAM	1	1	17.58	17.58	17.62	17.56	19.50
Channel				649668	655500	661134	662132	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.57	17.58	17.60	17.50	19.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3930.99	
80	PI/2 BPSK	1	1	17.61	17.61	17.61	17.55	19.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.57	17.57	17.56	17.61	19.50
Channel				648668	655002	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.55	17.56	17.60	17.58	19.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.55	17.51	17.65	17.62	19.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.65	17.50	17.65	17.58	19.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.53	17.59	17.62	17.57	19.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.56	17.64	17.64	17.47	19.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.55	17.55	17.51	17.44	19.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.58	17.54	17.59	17.41	19.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.54	17.51	17.64	17.51	19.50

<FR1 n77 (27O)_HPUE_Ant 3_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	20.70	20.74	20.79	20.70	22.50
100		1	137	20.53	20.53	20.59	20.55	22.50
100		1	271	20.55	20.51	20.55	20.49	22.50
100		135	0	20.58	20.66	20.58	20.53	22.50
100		135	69	20.60	20.62	20.74	20.59	22.50
100		135	138	20.58	20.53	20.52	20.44	22.50
100		270	0	20.56	20.53	20.62	20.60	22.50
100	QPSK	1	1	20.59	20.53	20.62	20.40	22.50
100		1	137	20.62	20.58	20.51	20.31	22.50
100		1	271	20.53	20.61	20.59	20.37	22.50
100		135	0	20.66	20.64	20.65	20.46	22.50
100		135	69	20.62	20.61	20.72	20.60	22.50
100		135	138	20.54	20.56	20.61	20.58	22.50
100		270	0	20.50	20.51	20.59	20.52	22.50
100	16QAM	1	1	20.51	20.51	20.57	20.44	22.50
100	64QAM	1	1	20.53	20.62	20.69	20.65	22.50
100	256QAM	1	1	20.59	20.60	20.64	20.58	22.50
Channel				649668	655500	661334	662132	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	20.60	20.73	20.77	20.74	22.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3930.99	
80	PI/2 BPSK	1	1	20.58	20.73	20.72	20.64	22.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	20.66	20.64	20.73	20.75	22.50
Channel				648668	655002	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	20.68	20.67	20.65	20.81	22.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	20.59	20.74	20.68	20.69	22.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	20.68	20.62	20.67	20.65	22.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	20.63	20.63	20.69	20.72	22.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	20.72	20.62	20.64	20.71	22.50
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	20.62	20.65	20.76	20.68	22.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	20.69	20.74	20.68	20.58	22.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	20.69	20.65	20.73	20.74	22.50

<FR1 n41_Ant 4_use PA (Reference Designator)_ECI 2>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.46	15.71	15.52	17.00
100		1	137	15.30	15.67	15.40	17.00
100		1	271	15.43	15.66	15.41	17.00
100		135	0	15.39	15.56	15.31	17.00
100		135	69	15.13	15.43	15.26	17.00
100		135	138	15.17	15.42	15.30	17.00
100		270	0	15.17	15.46	15.31	17.00
100	QPSK	1	1	15.21	15.52	15.32	17.00
100		1	137	15.25	15.48	15.29	17.00
100		1	271	15.13	15.54	15.29	17.00
100		135	0	15.24	15.50	15.36	17.00
100		135	69	15.18	15.47	15.23	17.00
100		135	138	15.25	15.36	15.35	17.00
100		270	0	15.09	15.52	15.36	17.00
100	16QAM	1	1	15.10	15.41	15.37	17.00
100	64QAM	1	1	15.30	15.40	15.20	17.00
100	256QAM	1	1	15.26	15.34	15.17	17.00
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.20	22.80	22.43	17.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.29	22.86	22.54	17.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	22.27	22.85	22.47	17.00
Channel				505200	518598	531096	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.34	22.70	22.56	17.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.85	22.42	17.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	22.35	22.81	22.47	17.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.33	22.80	22.53	17.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	22.32	22.75	22.58	17.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.21	22.76	22.49	17.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	22.39	22.78	22.53	17.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.36	22.88	22.61	17.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.18	22.80	22.38	17.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.32	22.83	22.41	17.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.43	18.68	18.55	20.00
100		1	137	18.33	18.49	18.21	20.00
100		1	271	18.34	18.50	18.12	20.00
100		135	0	18.37	18.42	18.24	20.00
100		135	69	18.41	18.55	18.35	20.00
100		135	138	18.38	18.44	18.18	20.00
100		270	0	18.36	18.30	18.27	20.00
100	QPSK	1	1	18.29	18.40	18.14	20.00
100		1	137	18.26	18.37	18.28	20.00
100		1	271	18.35	18.49	18.26	20.00
100		135	0	18.36	18.33	18.27	20.00
100		135	69	18.36	18.30	18.11	20.00
100		135	138	18.31	18.38	18.26	20.00
100		270	0	18.27	18.34	18.12	20.00
100	16QAM	1	1	18.24	18.52	18.11	20.00
100	64QAM	1	1	18.28	18.42	18.28	20.00
100	256QAM	1	1	17.91	18.12	17.93	19.00
Channel				509202	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.47	25.71	25.46	20.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.48	25.71	25.50	20.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	25.36	25.69	25.50	20.00
Channel				505200	518598	531096	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.46	25.65	25.48	20.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.37	25.61	25.57	20.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	25.29	25.64	25.60	20.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.39	25.79	25.52	20.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	25.47	25.73	25.38	20.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.34	25.62	25.57	20.00
Channel				501702	518598	535200	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	25.31	25.59	25.61	20.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.39	25.64	25.54	20.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.46	25.76	25.46	20.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.49	25.79	25.44	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.45	21.56	21.49	22.50
20		1	49	21.37	21.50	21.40	22.50
20		1	99	21.27	21.29	21.39	22.50
20		50	0	21.19	21.31	21.37	22.50
20		50	24	21.30	21.44	21.33	22.50
20		50	50	21.25	21.52	21.35	22.50
20		100	0	21.35	21.51	21.26	22.50
20	16QAM	1	0	21.39	21.30	21.27	22.50
20		1	49	21.38	21.44	21.41	22.50
20		1	99	21.26	21.36	21.30	22.50
20		50	0	20.55	20.81	20.82	22.00
20		50	24	20.60	20.87	20.88	22.00
20		50	50	20.81	20.87	20.83	22.00
20		100	0	20.64	21.02	20.62	22.00
20	64QAM	1	0	20.81	20.98	20.74	22.00
20		1	49	20.70	21.20	20.86	22.00
20		1	99	21.03	21.24	21.05	22.00
20		50	0	19.71	20.02	19.68	21.00
20		50	24	19.78	19.88	19.79	21.00
20		50	50	19.80	19.95	19.85	21.00
20		100	0	19.67	20.02	19.79	21.00
20	256QAM	1	0	17.81	18.08	17.73	19.00
20		1	49	17.90	18.08	17.92	19.00
20		1	99	17.76	18.19	18.03	19.00
20		50	0	17.63	18.08	17.78	19.00
20		50	24	17.69	17.99	17.75	19.00
20		50	50	17.74	17.88	17.86	19.00
20		100	0	17.61	18.01	17.81	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.30	21.34	21.26	22.50
15		1	37	21.25	21.28	21.16	22.50
15		1	74	21.07	21.10	21.18	22.50
15		36	0	20.98	21.12	21.20	22.50
15		36	20	21.26	21.22	21.28	22.50
15		36	39	21.15	21.36	21.21	22.50
15		75	0	21.18	21.25	21.05	22.50
15	16QAM	1	0	21.25	21.12	21.16	22.50
15		1	37	21.12	21.21	21.17	22.50
15		1	74	21.21	21.29	21.08	22.50
15		36	0	20.67	20.95	20.82	22.00
15		36	20	20.71	21.02	20.84	22.00
15		36	39	20.72	20.96	20.68	22.00
15		75	0	20.71	20.89	20.63	22.00
15	64QAM	1	0	20.87	21.02	20.85	22.00
15		1	37	20.74	21.16	20.90	22.00
15		1	74	20.86	21.31	21.12	22.00
15		36	0	19.65	19.86	19.78	21.00
15		36	20	19.61	20.05	19.89	21.00
15		36	39	19.70	19.90	19.68	21.00
15		75	0	19.64	19.99	19.72	21.00
15	256QAM	1	0	17.73	17.97	17.82	19.00
15		1	37	17.82	18.05	17.79	19.00
15		1	74	17.80	18.17	17.91	19.00
15		36	0	17.74	17.92	17.88	19.00
15		36	20	17.90	17.99	17.82	19.00
15		36	39	17.82	18.06	17.71	19.00
15		75	0	17.66	18.01	17.82	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.22	21.47	21.29	22.50
10		1	25	21.23	21.39	21.21	22.50
10		1	49	21.17	21.03	21.29	22.50
10		25	0	20.96	21.12	21.21	22.50
10		25	12	21.06	21.40	21.07	22.50
10		25	25	21.05	21.47	21.15	22.50
10		50	0	21.14	21.37	21.15	22.50
10	16QAM	1	0	21.16	21.06	21.11	22.50
10		1	25	21.22	21.19	21.36	22.50
10		1	49	21.18	21.13	21.07	22.50
10		25	0	20.55	20.92	20.61	22.00
10		25	12	20.73	20.83	20.77	22.00
10		25	25	20.68	20.90	20.74	22.00
10		50	0	20.70	20.89	20.79	22.00
10	64QAM	1	0	20.76	21.12	20.75	22.00
10		1	25	20.80	21.00	20.81	22.00
10		1	49	20.88	21.14	21.16	22.00
10		25	0	19.61	19.81	19.72	21.00
10		25	12	19.61	19.96	19.73	21.00
10		25	25	19.84	19.99	19.66	21.00
10		50	0	19.72	19.98	19.92	21.00
10	256QAM	1	0	17.86	18.03	17.88	19.00
10		1	25	17.71	18.05	17.87	19.00
10		1	49	17.80	18.13	18.03	19.00
10		25	0	17.62	17.99	17.82	19.00
10		25	12	17.83	18.02	17.82	19.00
10		25	25	17.72	18.01	17.81	19.00
10		50	0	17.79	18.00	17.81	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.20	21.37	21.45	22.50
5		1	12	21.29	21.30	21.31	22.50
5		1	24	21.21	21.02	21.23	22.50
5		12	0	20.96	21.05	21.28	22.50
5		12	7	21.13	21.39	21.27	22.50
5		12	13	21.03	21.48	21.21	22.50
5		25	0	21.31	21.42	21.07	22.50
5	16QAM	1	0	21.36	21.09	21.01	22.50
5		1	12	21.14	21.24	21.33	22.50
5		1	24	21.15	21.31	21.13	22.50
5		12	0	20.71	20.87	20.60	22.00
5		12	7	20.77	21.01	20.72	22.00
5		12	13	20.82	20.86	20.66	22.00
5		25	0	20.73	21.00	20.62	22.00
5	64QAM	1	0	20.74	20.95	20.77	22.00
5		1	12	20.89	21.05	20.80	22.00
5		1	24	20.96	21.28	21.15	22.00
5		12	0	19.77	19.84	19.70	21.00
5		12	7	19.59	19.84	19.78	21.00
5		12	13	19.67	20.02	19.69	21.00
5		25	0	19.65	20.02	19.83	21.00
5	256QAM	1	0	17.65	17.93	17.79	19.00
5		1	12	17.73	18.14	17.93	19.00
5		1	24	17.83	18.08	17.83	19.00
5		12	0	17.80	17.99	17.76	19.00
5		12	7	17.71	17.94	17.92	19.00
5		12	13	17.90	18.03	17.69	19.00
5		25	0	17.64	18.04	17.76	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.21	21.45	21.44	22.50
3		1	8	21.33	21.40	21.22	22.50
3		1	14	21.01	21.11	21.24	22.50
3		8	0	21.06	21.24	21.15	22.50
3		8	4	21.14	21.34	21.29	22.50
3		8	7	21.08	21.28	21.31	22.50
3		15	0	21.31	21.43	20.99	22.50
3	16QAM	1	0	21.35	21.21	21.19	22.50
3		1	8	21.21	21.23	21.18	22.50
3		1	14	21.07	21.24	21.19	22.50
3		8	0	20.64	21.02	20.82	22.00
3		8	4	20.68	20.94	20.84	22.00
3		8	7	20.81	21.01	20.66	22.00
3		15	0	20.57	20.87	20.61	22.00
3	64QAM	1	0	20.74	20.95	20.91	22.00
3		1	8	20.93	21.01	20.85	22.00
3		1	14	21.03	21.26	21.06	22.00
3		8	0	19.72	20.00	19.67	21.00
3		8	4	19.57	20.04	19.72	21.00
3		8	7	19.83	19.87	19.66	21.00
3		15	0	19.62	19.83	19.76	21.00
3	256QAM	1	0	17.75	17.99	17.77	19.00
3		1	8	17.70	18.16	17.87	19.00
3		1	14	17.74	18.18	17.93	19.00
3		8	0	17.69	18.00	17.79	19.00
3		8	4	17.67	18.05	17.75	19.00
3		8	7	17.81	18.02	17.88	19.00
3		15	0	17.75	18.02	17.85	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.38	21.36	21.39	22.50
1.4		1	3	21.17	21.44	21.30	22.50
1.4		1	5	21.10	21.23	21.19	22.50
1.4		3	0	21.08	21.05	21.13	22.50
1.4		3	1	21.23	21.31	21.06	22.50
1.4		3	3	21.15	21.42	21.16	22.50
1.4		6	0	21.22	21.37	21.22	22.50
1.4	16QAM	1	0	21.30	21.05	21.15	22.50
1.4		1	3	21.33	21.33	21.31	22.50
1.4		1	5	21.14	21.25	21.21	22.50
1.4		3	0	21.05	21.09	21.10	23.00
1.4		3	1	21.26	21.22	21.10	23.00
1.4		3	3	21.23	21.24	21.07	23.00
1.4		6	0	20.55	20.78	20.65	22.00
1.4	64QAM	1	0	20.69	21.02	20.69	22.00
1.4		1	3	20.80	21.13	20.67	22.00
1.4		1	5	20.90	21.07	21.14	22.00
1.4		3	0	20.17	20.18	20.24	22.00
1.4		3	1	20.09	20.03	20.05	22.00
1.4		3	3	20.26	20.23	20.25	22.00
1.4		6	0	19.67	19.83	19.76	21.00
1.4	256QAM	1	0	17.79	17.85	17.87	19.00
1.4		1	3	17.71	17.84	17.69	19.00
1.4		1	5	17.71	17.94	17.77	19.00
1.4		3	0	17.61	17.96	17.62	19.00
1.4		3	1	17.61	17.91	17.84	19.00
1.4		3	3	17.81	17.93	17.63	19.00
1.4		6	0	17.68	17.96	17.68	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.18	20.45	20.42	21.50
20		1	49	20.18	20.30	20.32	21.50
20		1	99	20.07	20.26	20.29	21.50
20		50	0	20.00	20.15	20.11	21.50
20		50	24	20.04	20.36	20.06	21.50
20		50	50	19.95	20.44	20.34	21.50
20		100	0	20.06	20.37	20.11	21.50
20	16QAM	1	0	19.89	20.26	20.35	21.50
20		1	49	20.07	20.33	20.23	21.50
20		1	99	19.87	20.35	20.05	21.50
20		50	0	20.16	20.44	20.14	21.50
20		50	24	19.95	20.23	20.24	21.50
20		50	50	19.98	20.43	20.14	21.50
20		100	0	20.03	20.31	20.00	21.50
20	64QAM	1	0	20.12	20.54	20.22	21.50
20		1	49	19.89	20.47	20.09	21.50
20		1	99	20.16	20.33	20.29	21.50
20		50	0	19.66	19.86	19.79	21.00
20		50	24	19.66	19.83	19.82	21.00
20		50	50	19.87	19.94	19.75	21.00
20		100	0	19.87	19.88	19.71	21.00
20	256QAM	1	0	17.67	17.87	17.75	19.00
20		1	49	17.98	18.02	17.82	19.00
20		1	99	17.89	17.95	17.73	19.00
20		50	0	17.74	17.82	17.66	19.00
20		50	24	17.66	17.87	17.88	19.00
20		50	50	17.94	17.98	17.90	19.00
20		100	0	17.77	17.81	17.59	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	20.33	20.48	20.44	21.50
15		1	37	20.15	20.25	20.32	21.50
15		1	74	19.97	20.25	20.18	21.50
15		36	0	20.17	20.14	20.21	21.50
15		36	20	20.14	20.31	20.12	21.50
15		36	39	20.05	20.44	20.40	21.50
15		75	0	20.10	20.41	20.16	21.50
15	16QAM	1	0	19.92	20.28	20.32	21.50
15		1	37	20.03	20.41	20.33	21.50
15		1	74	20.01	20.43	20.09	21.50
15		36	0	20.03	20.44	20.11	21.50
15		36	20	20.10	20.23	20.21	21.50
15		36	39	20.19	20.22	20.08	21.50
15		75	0	20.06	20.35	20.01	21.50
15	64QAM	1	0	20.16	20.52	20.19	21.50
15		1	37	19.87	20.37	20.21	21.50
15		1	74	19.99	20.30	20.22	21.50
15		36	0	19.66	19.86	19.79	21.00
15		36	20	19.66	19.83	19.82	21.00
15		36	39	19.87	19.94	19.75	21.00
15		75	0	19.87	19.88	19.71	21.00
15	256QAM	1	0	17.67	17.87	17.75	19.00
15		1	37	17.98	18.02	17.82	19.00
15		1	74	17.89	17.95	17.73	19.00
15		36	0	17.74	17.82	17.66	19.00
15		36	20	17.66	17.87	17.88	19.00
15		36	39	17.94	17.98	17.90	19.00
15		75	0	17.77	17.81	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	20.27	20.51	20.38	21.50
10		1	25	20.18	20.30	20.33	21.50
10		1	49	19.92	20.29	20.18	21.50
10		25	0	20.09	20.29	20.07	21.50
10		25	12	19.99	20.29	20.14	21.50
10		25	25	20.15	20.58	20.32	21.50
10		50	0	19.99	20.36	20.15	21.50
10	16QAM	1	0	20.12	20.21	20.36	21.50
10		1	25	20.04	20.46	20.22	21.50
10		1	49	20.08	20.34	20.22	21.50
10		25	0	20.01	20.44	20.14	21.50
10		25	12	19.95	20.27	20.19	21.50
10		25	25	19.99	20.31	19.98	21.50
10		50	0	20.06	20.33	20.19	21.50
10	64QAM	1	0	20.02	20.47	20.07	21.50
10		1	25	20.08	20.34	20.06	21.50
10		1	49	20.04	20.46	20.38	21.50
10		25	0	19.66	19.86	19.79	21.00
10		25	12	19.66	19.83	19.82	21.00
10		25	25	19.87	19.94	19.75	21.00
10		50	0	19.87	19.88	19.71	21.00
10	256QAM	1	0	17.67	17.87	17.75	19.00
10		1	25	17.98	18.02	17.82	19.00
10		1	49	17.89	17.95	17.73	19.00
10		25	0	17.74	17.82	17.66	19.00
10		25	12	17.66	17.87	17.88	19.00
10		25	25	17.94	17.98	17.90	19.00
10		50	0	17.77	17.81	17.59	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.20	20.45	20.34	21.50
5		1	12	20.21	20.36	20.22	21.50
5		1	24	19.98	20.30	20.33	21.50
5		12	0	20.09	20.31	20.09	21.50
5		12	7	20.01	20.37	20.03	21.50
5		12	13	20.04	20.58	20.41	21.50
5		25	0	19.99	20.20	20.03	21.50
5	16QAM	1	0	20.09	20.27	20.27	21.50
5		1	12	20.01	20.48	20.21	21.50
5		1	24	20.00	20.34	20.23	21.50
5		12	0	20.13	20.45	20.26	21.50
5		12	7	20.08	20.29	20.18	21.50
5		12	13	20.10	20.28	20.18	21.50
5		25	0	20.20	20.25	20.03	21.50
5	64QAM	1	0	20.05	20.46	20.20	21.50
5		1	12	20.05	20.26	20.22	21.50
5		1	24	20.08	20.43	20.34	21.50
5		12	0	19.66	19.86	19.79	21.00
5		12	7	19.66	19.83	19.82	21.00
5		12	13	19.87	19.94	19.75	21.00
5		25	0	19.87	19.88	19.71	21.00
5	256QAM	1	0	17.67	17.87	17.75	19.00
5		1	12	17.98	18.02	17.82	19.00
5		1	24	17.89	17.95	17.73	19.00
5		12	0	17.74	17.82	17.66	19.00
5		12	7	17.66	17.87	17.88	19.00
5		12	13	17.94	17.98	17.90	19.00
5		25	0	17.77	17.81	17.59	19.00
Channel				19950	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	20.27	20.45	20.27	21.50
3		1	8	20.17	20.36	20.18	21.50
3		1	14	20.01	20.24	20.19	21.50
3		8	0	19.97	20.34	20.04	21.50
3		8	4	20.19	20.41	20.23	21.50
3		8	7	20.12	20.48	20.34	21.50
3		15	0	20.13	20.34	20.07	21.50
3	16QAM	1	0	19.91	20.37	20.31	21.50
3		1	8	19.98	20.32	20.18	21.50
3		1	14	20.07	20.34	20.16	21.50
3		8	0	20.15	20.42	20.17	21.50
3		8	4	20.05	20.26	20.30	21.50
3		8	7	20.07	20.42	20.09	21.50
3		15	0	19.99	20.25	20.13	21.50
3	64QAM	1	0	20.11	20.52	20.11	21.50
3		1	8	20.07	20.44	20.00	21.50
3		1	14	19.97	20.34	20.22	21.50
3		8	0	19.66	19.86	19.79	21.00
3		8	4	19.66	19.83	19.82	21.00
3		8	7	19.87	19.94	19.75	21.00
3		15	0	19.87	19.88	19.71	21.00
3	256QAM	1	0	17.67	17.87	17.75	19.00
3		1	8	17.98	18.02	17.82	19.00
3		1	14	17.89	17.95	17.73	19.00
3		8	0	17.74	17.82	17.66	19.00
3		8	4	17.66	17.87	17.88	19.00
3		8	7	17.94	17.98	17.90	19.00
3		15	0	17.77	17.81	17.59	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.23	20.55	20.36	21.50
1.4		1	3	20.16	20.20	20.15	21.50
1.4		1	5	20.05	20.25	20.14	21.50
1.4		3	0	20.00	20.24	20.24	21.50
1.4		3	1	19.99	20.52	20.10	21.50
1.4		3	3	20.03	20.46	20.39	21.50
1.4		6	0	20.11	20.39	20.00	21.50
1.4	16QAM	1	0	19.96	20.34	20.30	21.50
1.4		1	3	19.93	20.32	20.19	21.50
1.4		1	5	19.91	20.42	20.10	21.50
1.4		3	0	20.02	20.39	20.17	21.50
1.4		3	1	19.97	20.36	20.21	21.50
1.4		3	3	20.16	20.38	20.11	21.50
1.4		6	0	20.06	20.39	20.21	21.50
1.4	64QAM	1	0	20.04	20.39	20.08	21.50
1.4		1	3	20.07	20.38	20.01	21.50
1.4		1	5	20.12	20.42	20.38	21.50
1.4		3	0	20.12	20.18	20.08	21.50
1.4		3	1	20.15	20.02	20.08	21.50
1.4		3	3	20.10	19.96	20.08	21.50
1.4		6	0	19.66	19.84	19.53	21.00
1.4	256QAM	1	0	17.70	17.98	17.66	19.00
1.4		1	3	17.61	18.02	17.67	19.00
1.4		1	5	17.79	18.06	17.81	19.00
1.4		3	0	17.67	17.77	17.38	19.00
1.4		3	1	17.74	17.80	17.74	19.00
1.4		3	3	17.57	17.84	17.61	19.00
1.4		6	0	17.76	17.80	17.47	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.00	21.34	21.05	21.50
20		1	49	20.91	21.15	20.87	21.50
20		1	99	21.00	21.06	20.92	21.50
20		50	0	20.87	21.11	20.87	21.50
20		50	24	20.81	21.11	21.03	21.50
20		50	50	20.92	21.04	21.02	21.50
20		100	0	21.09	21.13	21.00	21.50
20	16QAM	1	0	20.92	21.15	20.74	21.50
20		1	49	20.91	21.11	20.74	21.50
20		1	99	21.12	21.23	21.02	21.50
20		50	0	20.90	21.09	21.00	21.50
20		50	24	21.03	21.16	21.12	21.50
20		50	50	20.85	21.09	20.73	21.50
20		100	0	20.93	21.24	20.83	21.50
20	64QAM	1	0	21.14	21.16	20.98	21.50
20		1	49	20.91	21.13	21.06	21.50
20		1	99	21.09	21.24	20.93	21.50
20		50	0	20.75	20.74	20.55	21.50
20		50	24	20.60	20.70	20.69	21.50
20		50	50	20.55	20.72	20.71	21.50
20		100	0	20.76	20.75	20.61	21.50
20	256QAM	1	0	18.71	18.77	18.57	20.00
20		1	49	18.75	18.77	18.78	20.00
20		1	99	18.68	18.69	18.55	20.00
20		50	0	18.65	18.82	18.60	20.00
20		50	24	18.71	18.77	18.64	20.00
20		50	50	18.71	18.78	18.66	20.00
20		100	0	18.67	18.84	18.85	20.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	21.16	21.29	21.09	21.50
15		1	37	20.91	21.11	20.91	21.50
15		1	74	21.01	21.15	20.88	21.50
15		36	0	20.91	21.03	20.91	21.50
15		36	20	20.92	21.08	21.05	21.50
15		36	39	20.82	21.06	21.03	21.50
15		75	0	21.10	21.14	20.96	21.50
15	16QAM	1	0	20.88	21.17	20.80	21.50
15		1	37	20.93	21.23	20.74	21.50
15		1	74	20.96	21.06	20.88	21.50
15		36	0	20.91	21.04	21.08	21.50
15		36	20	21.14	21.19	20.95	21.50
15		36	39	20.81	21.24	20.78	21.50
15		75	0	21.00	21.06	20.94	21.50
15	64QAM	1	0	21.00	21.07	20.94	21.50
15		1	37	20.91	21.18	20.89	21.50
15		1	74	21.14	21.07	21.01	21.50
15		36	0	20.62	20.64	20.42	21.50
15		36	20	20.40	20.69	20.49	21.50
15		36	39	20.39	20.62	20.52	21.50
15		75	0	20.60	20.76	20.61	21.50
15	256QAM	1	0	18.61	18.76	18.54	20.00
15		1	37	18.70	18.58	18.64	20.00
15		1	74	18.64	18.51	18.38	20.00
15		36	0	18.57	18.72	18.48	20.00
15		36	20	18.70	18.56	18.50	20.00
15		36	39	18.59	18.58	18.62	20.00
15		75	0	18.61	18.66	18.63	20.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	21.06	21.33	20.95	21.50
10		1	25	21.07	21.03	20.83	21.50
10		1	49	21.03	20.93	20.88	21.50
10		25	0	20.87	21.11	20.93	21.50
10		25	12	20.98	21.06	20.99	21.50
10		25	25	20.96	21.23	21.13	21.50
10		50	0	21.04	21.04	20.99	21.50
10	16QAM	1	0	20.91	21.26	20.86	21.50
10		1	25	20.81	21.18	20.88	21.50
10		1	49	21.08	21.17	20.86	21.50
10		25	0	20.96	21.18	21.04	21.50
10		25	12	20.97	20.96	21.10	21.50
10		25	25	20.77	21.10	20.85	21.50
10		50	0	20.82	21.16	20.88	21.50
10	64QAM	1	0	21.03	21.07	21.12	21.50
10		1	25	21.02	21.07	20.93	21.50
10		1	49	21.02	21.05	20.90	21.50
10		25	0	20.68	20.59	20.38	21.50
10		25	12	20.60	20.66	20.69	21.50
10		25	25	20.43	20.59	20.57	21.50
10		50	0	20.62	20.71	20.42	21.50
10	256QAM	1	0	18.61	18.77	18.37	20.00
10		1	25	18.73	18.60	18.61	20.00
10		1	49	18.61	18.49	18.44	20.00
10		25	0	18.46	18.66	18.52	20.00
10		25	12	18.58	18.79	18.58	20.00
10		25	25	18.62	18.73	18.45	20.00
10		50	0	18.53	18.65	18.81	20.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	21.20	21.22	20.99	21.50
5		1	12	21.13	21.15	20.74	21.50
5		1	24	21.00	21.08	20.87	21.50
5		12	0	20.82	21.03	20.85	21.50
5		12	7	20.79	21.04	20.90	21.50
5		12	13	20.95	21.04	21.01	21.50
5		25	0	20.94	21.06	21.00	21.50
5	16QAM	1	0	20.94	21.21	20.80	21.50
5		1	12	20.95	21.13	20.78	21.50
5		1	24	21.16	21.08	20.92	21.50
5		12	0	20.96	21.08	20.99	21.50
5		12	7	21.10	21.16	20.94	21.50
5		12	13	20.88	21.08	20.79	21.50
5		25	0	20.92	21.24	20.90	21.50
5	64QAM	1	0	21.10	20.94	21.08	21.50
5		1	12	20.93	21.21	21.07	21.50
5		1	24	20.92	21.15	20.86	21.50
5		12	0	20.71	20.59	20.46	21.50
5		12	7	20.40	20.68	20.47	21.50
5		12	13	20.39	20.56	20.68	21.50
5		25	0	20.56	20.67	20.55	21.50
5	256QAM	1	0	18.66	18.65	18.48	20.00
5		1	12	18.74	18.74	18.72	20.00
5		1	24	18.64	18.59	18.45	20.00
5		12	0	18.66	18.64	18.43	20.00
5		12	7	18.66	18.78	18.57	20.00
5		12	13	18.71	18.76	18.54	20.00
5		25	0	18.51	18.83	18.69	20.00
Channel				19925	20175	20425	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	21.06	21.20	21.12	21.50
3		1	8	20.95	21.12	20.89	21.50
3		1	14	21.11	21.10	20.91	21.50
3		8	0	20.88	21.11	20.81	21.50
3		8	4	20.80	21.09	20.98	21.50
3		8	7	21.02	21.03	21.01	21.50
3		15	0	21.04	21.14	20.94	21.50
3	16QAM	1	0	20.93	21.16	20.90	21.50
3		1	8	20.88	21.16	20.76	21.50
3		1	14	21.08	21.11	20.93	21.50
3		8	0	21.00	21.07	20.93	21.50
3		8	4	21.15	21.19	20.95	21.50
3		8	7	20.77	21.29	20.77	21.50
3		15	0	21.01	21.19	20.91	21.50
3	64QAM	1	0	21.03	21.08	21.00	21.50
3		1	8	20.94	21.06	21.06	21.50
3		1	14	21.14	21.21	20.84	21.50
3		8	0	20.58	20.59	20.50	21.50
3		8	4	20.52	20.51	20.55	21.50
3		8	7	20.46	20.69	20.55	21.50
3		15	0	20.55	20.58	20.49	21.50
3	256QAM	1	0	18.70	18.56	18.53	20.00
3		1	8	18.66	18.66	18.62	20.00
3		1	14	18.54	18.66	18.45	20.00
3		8	0	18.46	18.71	18.52	20.00
3		8	4	18.53	18.77	18.42	20.00
3		8	7	18.66	18.72	18.61	20.00
3		15	0	18.61	18.79	18.63	20.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	21.05	21.25	21.14	21.50
1.4		1	3	21.06	21.03	20.73	21.50
1.4		1	5	21.01	21.04	20.77	21.50
1.4		3	0	20.95	21.02	20.79	21.50
1.4		3	1	20.97	20.91	21.07	21.50
1.4		3	3	20.79	21.05	20.96	21.50
1.4		6	0	21.14	21.03	21.01	21.50
1.4	16QAM	1	0	20.90	21.11	20.78	21.50
1.4		1	3	20.91	21.19	20.86	21.50
1.4		1	5	20.97	21.24	21.05	21.50
1.4		3	0	20.98	21.25	20.92	21.50
1.4		3	1	21.12	20.98	21.00	21.50
1.4		3	3	20.79	21.08	20.83	21.50
1.4		6	0	20.98	21.12	20.91	21.50
1.4	64QAM	1	0	21.05	21.04	21.02	21.50
1.4		1	3	20.97	21.18	21.01	21.50
1.4		1	5	21.10	21.02	20.94	21.50
1.4		3	0	20.62	20.97	20.78	21.50
1.4		3	1	20.78	21.10	20.96	21.50
1.4		3	3	20.89	20.84	20.71	21.50
1.4		6	0	20.66	20.65	20.82	21.50
1.4	256QAM	1	0	18.65	18.84	18.92	20.00
1.4		1	3	18.75	18.81	18.71	20.00
1.4		1	5	18.49	18.96	18.55	20.00
1.4		3	0	18.44	18.62	18.73	20.00
1.4		3	1	18.40	18.45	18.48	20.00
1.4		3	3	18.45	18.86	18.68	20.00
1.4		6	0	18.50	18.60	18.53	20.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.37	20.66	20.49	21.50
20		1	49	20.29	20.41	20.36	21.50
20		1	99	20.18	20.40	20.37	21.50
20		50	0	20.23	20.40	20.31	21.50
20		50	24	20.23	20.56	20.29	21.50
20		50	50	20.20	20.62	20.45	21.50
20		100	0	20.19	20.47	20.22	21.50
20	16QAM	1	0	20.16	20.44	20.40	21.50
20		1	49	20.17	20.58	20.44	21.50
20		1	99	20.12	20.53	20.27	21.50
20		50	0	20.25	20.62	20.35	21.50
20		50	24	20.19	20.43	20.38	21.50
20		50	50	20.24	20.48	20.23	21.50
20		100	0	20.23	20.49	20.27	21.50
20	64QAM	1	0	20.28	20.59	20.33	21.50
20		1	49	20.14	20.53	20.27	21.50
20		1	99	20.19	20.51	20.43	21.50
20		50	0	19.81	19.93	19.69	21.00
20		50	24	19.69	19.81	19.73	21.00
20		50	50	19.73	19.88	19.86	21.00
20		100	0	19.58	19.92	19.71	21.00
20	256QAM	1	0	17.78	17.87	17.88	19.00
20		1	49	18.01	18.12	17.85	19.00
20		1	99	17.79	17.96	17.83	19.00
20		50	0	17.63	17.81	17.63	19.00
20		50	24	17.72	17.95	17.89	19.00
20		50	50	17.88	17.93	17.75	19.00
20		100	0	17.66	17.82	17.75	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	20.20	20.53	20.38	21.50
15		1	37	20.16	20.15	20.18	21.50
15		1	74	20.04	20.33	20.17	21.50
15		36	0	20.10	20.19	20.08	21.50
15		36	20	20.10	20.42	20.14	21.50
15		36	39	20.11	20.45	20.28	21.50
15		75	0	20.05	20.33	20.16	21.50
15	16QAM	1	0	19.94	20.27	20.16	21.50
15		1	37	20.01	20.35	20.23	21.50
15		1	74	19.96	20.43	20.15	21.50
15		36	0	20.05	20.47	20.14	21.50
15		36	20	19.95	20.40	20.14	21.50
15		36	39	20.00	20.34	19.96	21.50
15		75	0	20.06	20.23	20.22	21.50
15	64QAM	1	0	20.10	20.52	20.27	21.50
15		1	37	20.01	20.36	20.06	21.50
15		1	74	20.11	20.27	20.37	21.50
15		36	0	19.83	19.86	19.52	21.00
15		36	20	19.60	19.63	19.52	21.00
15		36	39	19.55	19.78	19.74	21.00
15		75	0	19.51	19.86	19.64	21.00
15	256QAM	1	0	17.61	17.76	17.80	19.00
15		1	37	17.97	18.06	17.71	19.00
15		1	74	17.71	17.87	17.63	19.00
15		36	0	17.48	17.73	17.65	19.00
15		36	20	17.52	17.91	17.85	19.00
15		36	39	17.79	17.83	17.76	19.00
15		75	0	17.56	17.83	17.72	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	20.12	20.41	20.23	21.50
10		1	25	20.15	20.21	20.27	21.50
10		1	49	19.98	20.25	20.19	21.50
10		25	0	20.16	20.18	20.25	21.50
10		25	12	19.96	20.47	20.12	21.50
10		25	25	19.96	20.43	20.23	21.50
10		50	0	19.99	20.21	19.95	21.50
10	16QAM	1	0	20.06	20.27	20.34	21.50
10		1	25	19.97	20.47	20.24	21.50
10		1	49	20.01	20.42	20.01	21.50
10		25	0	20.18	20.51	20.09	21.50
10		25	12	20.08	20.22	20.24	21.50
10		25	25	20.03	20.38	20.13	21.50
10		50	0	19.96	20.34	20.04	21.50
10	64QAM	1	0	20.14	20.47	20.21	21.50
10		1	25	19.96	20.46	20.22	21.50
10		1	49	19.99	20.38	20.31	21.50
10		25	0	19.67	19.78	19.64	21.00
10		25	12	19.56	19.81	19.62	21.00
10		25	25	19.58	19.69	19.75	21.00
10		50	0	19.57	19.82	19.63	21.00
10	256QAM	1	0	17.61	17.77	17.72	19.00
10		1	25	17.82	17.91	17.82	19.00
10		1	49	17.81	17.92	17.67	19.00
10		25	0	17.83	17.68	17.76	19.00
10		25	12	17.66	17.82	17.70	19.00
10		25	25	17.88	17.87	17.57	19.00
10		50	0	17.68	17.82	17.68	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	20.32	20.47	20.25	21.50
5		1	12	20.13	20.14	20.21	21.50
5		1	24	20.14	20.23	20.16	21.50
5		12	0	20.04	20.25	20.13	21.50
5		12	7	20.10	20.38	20.12	21.50
5		12	13	20.14	20.40	20.40	21.50
5		25	0	20.06	20.25	20.05	21.50
5	16QAM	1	0	20.11	20.37	20.32	21.50
5		1	12	20.09	20.51	20.33	21.50
5		1	24	19.99	20.32	20.22	21.50
5		12	0	20.02	20.47	20.26	21.50
5		12	7	20.12	20.35	20.20	21.50
5		12	13	20.10	20.39	20.15	21.50
5		25	0	19.98	20.44	20.06	21.50
5	64QAM	1	0	20.23	20.42	20.26	21.50
5		1	12	20.00	20.45	20.12	21.50
5		1	24	19.96	20.38	20.18	21.50
5		12	0	19.61	19.75	19.70	21.00
5		12	7	19.70	19.78	19.72	21.00
5		12	13	19.53	19.70	19.65	21.00
5		25	0	19.56	19.91	19.69	21.00
5	256QAM	1	0	17.81	17.80	17.82	19.00
5		1	12	17.99	18.08	17.83	19.00
5		1	24	17.68	17.80	17.64	19.00
5		12	0	17.48	17.71	17.80	19.00
5		12	7	17.54	17.78	17.80	19.00
5		12	13	17.78	17.79	17.73	19.00
5		25	0	17.60	17.63	17.69	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	20.30	20.50	20.22	21.50
3		1	8	20.13	20.33	20.22	21.50
3		1	14	20.04	20.28	20.24	21.50
3		8	0	20.05	20.29	20.11	21.50
3		8	4	20.01	20.51	20.21	21.50
3		8	7	20.08	20.48	20.26	21.50
3		15	0	20.02	20.29	19.99	21.50
3	16QAM	1	0	20.07	20.29	20.23	21.50
3		1	8	20.13	20.47	20.25	21.50
3		1	14	19.99	20.32	20.02	21.50
3		8	0	20.01	20.52	20.29	21.50
3		8	4	19.97	20.18	20.21	21.50
3		8	7	20.08	20.31	20.04	21.50
3		15	0	20.12	20.39	20.07	21.50
3	64QAM	1	0	20.22	20.34	20.22	21.50
3		1	8	20.06	20.28	20.10	21.50
3		1	14	20.01	20.29	20.35	21.50
3		8	0	19.69	19.80	19.63	21.00
3		8	4	19.59	19.74	19.54	21.00
3		8	7	19.61	19.80	19.72	21.00
3		15	0	19.58	19.87	19.66	21.00
3	256QAM	1	0	17.74	17.89	17.70	19.00
3		1	8	18.01	17.91	17.84	19.00
3		1	14	17.80	17.89	17.85	19.00
3		8	0	17.65	17.82	17.63	19.00
3		8	4	17.65	17.86	17.70	19.00
3		8	7	17.74	17.85	17.60	19.00
3		15	0	17.50	17.67	17.71	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	20.14	20.58	20.35	21.50
1.4		1	3	20.04	20.15	20.32	21.50
1.4		1	5	19.93	20.15	20.29	21.50
1.4		3	0	20.16	20.25	20.11	21.50
1.4		3	1	20.07	20.47	20.09	21.50
1.4		3	3	19.97	20.48	20.39	21.50
1.4		6	0	19.96	20.42	20.18	21.50
1.4	16QAM	1	0	20.03	20.18	20.29	21.50
1.4		1	3	19.94	20.55	20.38	21.50
1.4		1	5	19.92	20.48	20.07	21.50
1.4		3	0	20.11	20.44	20.09	21.50
1.4		3	1	20.02	20.18	20.34	21.50
1.4		3	3	20.13	20.36	20.05	21.50
1.4		6	0	19.96	20.42	20.11	21.50
1.4	64QAM	1	0	20.19	20.47	20.19	21.50
1.4		1	3	19.98	20.42	20.23	21.50
1.4		1	5	20.05	20.41	20.19	21.50
1.4		3	0	19.93	19.98	19.81	21.50
1.4		3	1	19.90	20.02	19.93	21.50
1.4		3	3	19.90	19.86	19.87	21.50
1.4		6	0	19.66	19.78	19.77	21.00
1.4	256QAM	1	0	17.82	17.94	17.90	19.00
1.4		1	3	17.75	17.96	17.77	19.00
1.4		1	5	17.52	17.93	17.69	19.00
1.4		3	0	17.66	17.66	17.65	19.00
1.4		3	1	17.51	17.77	17.77	19.00
1.4		3	3	17.67	17.89	17.78	19.00
1.4		6	0	17.63	17.88	17.65	19.00

<LTE Band 66_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.25	21.38	21.21	21.50
20		1	49	21.17	21.25	20.95	21.50
20		1	99	21.22	21.20	20.96	21.50
20		50	0	20.99	21.21	20.97	21.50
20		50	24	21.04	21.14	21.11	21.50
20		50	50	21.05	21.30	21.17	21.50
20		100	0	21.19	21.18	21.09	21.50
20	16QAM	1	0	21.09	21.33	20.94	21.50
20		1	49	21.01	21.28	21.00	21.50
20		1	99	21.21	21.31	21.12	21.50
20		50	0	21.06	21.31	21.14	21.50
20		50	24	21.22	21.23	21.16	21.50
20		50	50	21.00	21.34	20.98	21.50
20		100	0	21.08	21.29	21.07	21.50
20	64QAM	1	0	21.21	21.20	21.18	21.50
20		1	49	21.14	21.26	21.10	21.50
20		1	99	21.18	21.29	21.08	21.50
20		50	0	20.83	20.89	20.72	21.50
20		50	24	20.71	20.72	20.68	21.50
20		50	50	20.62	20.83	20.88	21.50
20		100	0	20.82	20.84	20.83	21.50
20	256QAM	1	0	18.89	18.83	18.63	20.00
20		1	49	18.94	18.82	18.94	20.00
20		1	99	18.69	18.74	18.57	20.00
20		50	0	18.73	18.91	18.79	20.00
20		50	24	18.75	18.79	18.63	20.00
20		50	50	18.91	18.79	18.74	20.00
20		100	0	18.65	19.02	19.02	20.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.14	21.18	21.08	21.50
15		1	37	21.08	21.08	20.92	21.50
15		1	74	21.18	21.01	20.75	21.50
15		36	0	20.96	21.17	20.80	21.50
15		36	20	20.80	21.04	20.92	21.50
15		36	39	20.95	21.16	21.12	21.50
15		75	0	20.99	21.04	20.96	21.50
15	16QAM	1	0	20.95	21.08	20.85	21.50
15		1	37	20.83	21.01	20.79	21.50
15		1	74	21.10	21.12	20.88	21.50
15		36	0	20.93	21.13	21.02	21.50
15		36	20	21.04	21.13	20.92	21.50
15		36	39	20.87	21.21	20.99	21.50
15		75	0	21.01	21.19	20.81	21.50
15	64QAM	1	0	21.11	21.13	21.04	21.50
15		1	37	20.99	21.20	20.86	21.50
15		1	74	21.08	21.14	20.94	21.50
15		36	0	20.64	20.75	20.57	21.50
15		36	20	20.56	20.59	20.69	21.50
15		36	39	20.63	20.63	20.69	21.50
15		75	0	20.69	20.71	20.85	21.50
15	256QAM	1	0	18.73	18.79	18.46	20.00
15		1	37	18.84	18.74	18.94	20.00
15		1	74	18.67	18.68	18.54	20.00
15		36	0	18.62	18.83	18.78	20.00
15		36	20	18.59	18.72	18.47	20.00
15		36	39	18.74	18.71	18.73	20.00
15		75	0	18.46	18.82	19.02	20.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.03	21.31	21.04	21.50
10		1	25	21.05	21.06	20.89	21.50
10		1	49	21.17	21.00	20.83	21.50
10		25	0	20.87	21.13	20.93	21.50
10		25	12	20.84	20.98	20.94	21.50
10		25	25	20.98	21.25	21.04	21.50
10		50	0	21.00	21.14	20.99	21.50
10	16QAM	1	0	20.98	21.20	20.77	21.50
10		1	25	20.96	21.21	20.77	21.50
10		1	49	20.99	21.27	20.88	21.50
10		25	0	20.89	21.17	21.08	21.50
10		25	12	20.96	21.00	21.10	21.50
10		25	25	20.88	21.09	20.73	21.50
10		50	0	21.02	21.14	21.02	21.50
10	64QAM	1	0	21.03	21.09	20.98	21.50
10		1	25	20.90	21.19	21.06	21.50
10		1	49	20.95	21.08	20.87	21.50
10		25	0	20.84	20.87	20.58	21.50
10		25	12	20.59	20.72	20.56	21.50
10		25	25	20.42	20.76	20.70	21.50
10		50	0	20.84	20.78	20.66	21.50
10	256QAM	1	0	18.72	18.68	18.58	20.00
10		1	25	18.83	18.78	18.79	20.00
10		1	49	18.64	18.56	18.40	20.00
10		25	0	18.71	18.90	18.66	20.00
10		25	12	18.71	18.61	18.47	20.00
10		25	25	18.76	18.62	18.75	20.00
10		50	0	18.46	19.01	18.87	20.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.15	21.27	21.12	21.50
5		1	12	20.93	21.21	20.71	21.50
5		1	24	21.15	21.05	20.77	21.50
5		12	0	20.79	20.95	20.92	21.50
5		12	7	21.00	21.07	20.95	21.50
5		12	13	21.02	21.25	21.04	21.50
5		25	0	20.94	21.05	20.92	21.50
5	16QAM	1	0	20.87	21.14	20.90	21.50
5		1	12	20.92	21.23	20.92	21.50
5		1	24	20.94	21.05	21.06	21.50
5		12	0	20.97	21.23	20.94	21.50
5		12	7	21.05	21.09	21.08	21.50
5		12	13	20.91	21.31	20.80	21.50
5		25	0	20.94	21.19	21.01	21.50
5	64QAM	1	0	21.09	21.03	21.15	21.50
5		1	12	21.06	21.14	20.97	21.50
5		1	24	20.93	21.22	20.85	21.50
5		12	0	20.63	20.70	20.64	21.50
5		12	7	20.57	20.71	20.63	21.50
5		12	13	20.46	20.73	20.74	21.50
5		25	0	20.74	20.71	20.65	21.50
5	256QAM	1	0	18.78	18.82	18.52	20.00
5		1	12	18.86	18.64	18.90	20.00
5		1	24	18.58	18.53	18.43	20.00
5		12	0	18.55	18.79	18.74	20.00
5		12	7	18.62	18.58	18.54	20.00
5		12	13	18.76	18.74	18.72	20.00
5		25	0	18.58	18.83	19.04	20.00
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.13	21.25	21.05	21.50
3		1	8	21.09	21.09	20.86	21.50
3		1	14	21.11	21.11	20.78	21.50
3		8	0	20.86	21.16	20.91	21.50
3		8	4	20.87	20.96	20.88	21.50
3		8	7	21.00	21.24	21.08	21.50
3		15	0	21.12	20.94	21.02	21.50
3	16QAM	1	0	21.00	21.09	20.74	21.50
3		1	8	20.94	21.15	20.76	21.50
3		1	14	21.04	21.10	20.95	21.50
3		8	0	20.81	21.06	21.05	21.50
3		8	4	21.16	21.03	20.89	21.50
3		8	7	20.73	21.14	20.73	21.50
3		15	0	20.89	21.20	20.95	21.50
3	64QAM	1	0	20.99	21.10	21.02	21.50
3		1	8	21.09	21.09	20.89	21.50
3		1	14	20.92	21.18	20.97	21.50
3		8	0	20.76	20.77	20.51	21.50
3		8	4	20.54	20.63	20.68	21.50
3		8	7	20.52	20.66	20.69	21.50
3		15	0	20.67	20.82	20.63	21.50
3	256QAM	1	0	18.84	18.67	18.57	20.00
3		1	8	18.82	18.64	18.91	20.00
3		1	14	18.67	18.66	18.42	20.00
3		8	0	18.68	18.92	18.70	20.00
3		8	4	18.72	18.58	18.57	20.00
3		8	7	18.83	18.80	18.69	20.00
3		15	0	18.48	18.94	18.81	20.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.00	21.17	20.97	21.50
1.4		1	3	20.91	21.19	20.86	21.50
1.4		1	5	21.00	21.09	20.81	21.50
1.4		3	0	20.91	21.10	20.78	21.50
1.4		3	1	20.99	21.11	20.88	21.50
1.4		3	3	20.82	21.21	21.06	21.50
1.4		6	0	20.93	20.91	21.01	21.50
1.4	16QAM	1	0	20.96	21.14	20.76	21.50
1.4		1	3	20.93	21.15	20.81	21.50
1.4		1	5	20.95	21.14	20.93	21.50
1.4		3	0	20.84	21.08	20.98	21.50
1.4		3	1	21.07	21.01	21.04	21.50
1.4		3	3	20.86	21.17	20.90	21.50
1.4		6	0	21.02	21.21	20.82	21.50
1.4	64QAM	1	0	21.08	20.96	21.07	21.50
1.4		1	3	20.91	21.10	20.85	21.50
1.4		1	5	20.92	21.22	20.94	21.50
1.4		3	0	20.83	21.07	20.81	21.50
1.4		3	1	20.88	21.13	21.05	21.50
1.4		3	3	20.92	20.89	20.84	21.50
1.4		6	0	20.69	20.76	20.83	21.50
1.4	256QAM	1	0	18.81	18.83	19.01	20.00
1.4		1	3	18.83	18.88	18.89	20.00
1.4		1	5	18.55	18.99	18.60	20.00
1.4		3	0	18.59	18.68	18.71	20.00
1.4		3	1	18.49	18.66	18.70	20.00
1.4		3	3	18.60	18.91	18.85	20.00
1.4		6	0	18.59	18.82	18.68	20.00

<LTE Band 2_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.62	20.73	20.65	21.00
20		1	49	20.45	20.69	20.44	21.00
20		1	99	20.40	20.68	20.40	21.00
20		50	0	20.38	20.48	20.49	21.00
20		50	24	20.37	20.49	20.39	21.00
20		50	50	20.47	20.50	20.44	21.00
20		100	0	20.37	20.62	20.56	21.00
20	16QAM	1	0	20.49	20.61	20.47	21.00
20		1	49	20.56	20.49	20.56	21.00
20		1	99	20.55	20.53	20.45	21.00
20		50	0	20.43	20.61	20.56	21.00
20		50	24	20.46	20.48	20.45	21.00
20		50	50	20.54	20.47	20.61	21.00
20		100	0	20.59	20.49	20.50	21.00
20	64QAM	1	0	20.38	20.51	20.59	21.00
20		1	49	20.45	20.61	20.54	21.00
20		1	99	20.50	20.54	20.58	21.00
20		50	0	20.55	20.53	20.32	21.00
20		50	24	20.31	20.50	20.38	21.00
20		50	50	20.37	20.49	20.47	21.00
20		100	0	20.52	20.50	20.45	21.00
20	256QAM	1	0	18.20	18.42	18.41	19.00
20		1	49	18.37	18.39	18.27	19.00
20		1	99	18.33	18.32	18.21	19.00
20		50	0	18.34	18.51	18.50	19.00
20		50	24	18.49	18.50	18.34	19.00
20		50	50	18.30	18.52	18.37	19.00
20		100	0	18.37	18.50	18.29	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.43	20.66	20.54	21.00
15		1	37	20.21	20.63	20.20	21.00
15		1	74	20.19	20.58	20.15	21.00
15		36	0	20.11	20.24	20.23	21.00
15		36	20	20.21	20.27	20.29	21.00
15		36	39	20.26	20.42	20.25	21.00
15		75	0	20.22	20.46	20.46	21.00
15	16QAM	1	0	20.26	20.40	20.33	21.00
15		1	37	20.43	20.43	20.47	21.00
15		1	74	20.37	20.43	20.36	21.00
15		36	0	20.25	20.55	20.46	21.00
15		36	20	20.24	20.33	20.26	21.00
15		36	39	20.43	20.43	20.54	21.00
15		75	0	20.47	20.42	20.27	21.00
15	64QAM	1	0	20.31	20.27	20.46	21.00
15		1	37	20.42	20.54	20.49	21.00
15		1	74	20.46	20.29	20.39	21.00
15		36	0	20.43	20.54	20.26	21.00
15		36	20	20.28	20.38	20.28	21.00
15		36	39	20.38	20.39	20.30	21.00
15		75	0	20.27	20.47	20.15	21.00
15	256QAM	1	0	18.16	18.24	18.25	19.00
15		1	37	18.21	18.34	18.03	19.00
15		1	74	18.06	18.32	17.98	19.00
15		36	0	18.38	18.40	18.31	19.00
15		36	20	18.31	18.39	18.38	19.00
15		36	39	18.40	18.31	18.24	19.00
15		75	0	18.28	18.50	18.23	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.38	20.51	20.51	21.00
10		1	25	20.24	20.65	20.30	21.00
10		1	49	20.29	20.58	20.30	21.00
10		25	0	20.34	20.22	20.45	21.00
10		25	12	20.28	20.42	20.23	21.00
10		25	25	20.28	20.44	20.23	21.00
10		50	0	20.20	20.37	20.30	21.00
10	16QAM	1	0	20.27	20.41	20.41	21.00
10		1	25	20.45	20.35	20.32	21.00
10		1	49	20.47	20.49	20.31	21.00
10		25	0	20.24	20.52	20.48	21.00
10		25	12	20.34	20.36	20.21	21.00
10		25	25	20.48	20.44	20.52	21.00
10		50	0	20.43	20.36	20.29	21.00
10	64QAM	1	0	20.35	20.46	20.46	21.00
10		1	25	20.30	20.45	20.44	21.00
10		1	49	20.37	20.45	20.53	21.00
10		25	0	20.28	20.38	20.19	21.00
10		25	12	20.28	20.50	20.21	21.00
10		25	25	20.22	20.34	20.24	21.00
10		50	0	20.33	20.42	20.16	21.00
10	256QAM	1	0	18.16	18.43	18.33	19.00
10		1	25	18.24	18.26	18.18	19.00
10		1	49	17.90	18.17	18.02	19.00
10		25	0	18.50	18.49	18.15	19.00
10		25	12	18.28	18.47	18.25	19.00
10		25	25	18.30	18.30	18.28	19.00
10		50	0	18.41	18.31	18.21	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.41	20.47	20.48	21.00
5		1	12	20.36	20.53	20.23	21.00
5		1	24	20.34	20.58	20.15	21.00
5		12	0	20.23	20.26	20.46	21.00
5		12	7	20.16	20.31	20.19	21.00
5		12	13	20.38	20.27	20.38	21.00
5		25	0	20.24	20.36	20.33	21.00
5	16QAM	1	0	20.33	20.37	20.44	21.00
5		1	12	20.45	20.45	20.32	21.00
5		1	24	20.50	20.46	20.24	21.00
5		12	0	20.21	20.54	20.46	21.00
5		12	7	20.31	20.25	20.29	21.00
5		12	13	20.45	20.24	20.42	21.00
5		25	0	20.38	20.38	20.23	21.00
5	64QAM	1	0	20.32	20.44	20.32	21.00
5		1	12	20.35	20.33	20.39	21.00
5		1	24	20.29	20.44	20.49	21.00
5		12	0	20.37	20.51	20.24	21.00
5		12	7	20.44	20.47	20.33	21.00
5		12	13	20.30	20.44	20.22	21.00
5		25	0	20.48	20.46	20.29	21.00
5	256QAM	1	0	18.26	18.31	18.38	19.00
5		1	12	18.24	18.19	18.19	19.00
5		1	24	18.00	18.30	18.08	19.00
5		12	0	18.46	18.53	18.26	19.00
5		12	7	18.25	18.32	18.18	19.00
5		12	13	18.32	18.43	18.29	19.00
5		25	0	18.45	18.31	18.30	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.48	20.53	20.46	21.00
3		1	8	20.39	20.61	20.18	21.00
3		1	14	20.22	20.47	20.35	21.00
3		8	0	20.30	20.35	20.29	21.00
3		8	4	20.33	20.31	20.24	21.00
3		8	7	20.44	20.35	20.32	21.00
3		15	0	20.20	20.49	20.49	21.00
3	16QAM	1	0	20.32	20.54	20.30	21.00
3		1	8	20.51	20.38	20.39	21.00
3		1	14	20.30	20.36	20.30	21.00
3		8	0	20.38	20.54	20.50	21.00
3		8	4	20.22	20.31	20.33	21.00
3		8	7	20.39	20.34	20.37	21.00
3		15	0	20.33	20.44	20.36	21.00
3	64QAM	1	0	20.26	20.26	20.49	21.00
3		1	8	20.36	20.41	20.31	21.00
3		1	14	20.39	20.20	20.43	21.00
3		8	0	20.40	20.45	20.29	21.00
3		8	4	20.39	20.33	20.26	21.00
3		8	7	20.24	20.37	20.14	21.00
3		15	0	20.39	20.51	20.18	21.00
3	256QAM	1	0	18.30	18.44	18.34	19.00
3		1	8	18.41	18.21	18.05	19.00
3		1	14	18.01	18.24	18.16	19.00
3		8	0	18.47	18.38	18.11	19.00
3		8	4	18.32	18.33	18.36	19.00
3		8	7	18.21	18.44	18.35	19.00
3		15	0	18.51	18.28	18.35	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.52	20.63	20.55	21.00
1.4		1	3	20.32	20.50	20.22	21.00
1.4		1	5	20.27	20.62	20.15	21.00
1.4		3	0	20.23	20.30	20.33	21.00
1.4		3	1	20.22	20.30	20.25	21.00
1.4		3	3	20.40	20.38	20.32	21.00
1.4		6	0	20.26	20.54	20.46	21.00
1.4	16QAM	1	0	20.35	20.57	20.32	21.00
1.4		1	3	20.47	20.44	20.45	21.00
1.4		1	5	20.40	20.41	20.39	21.00
1.4		3	0	20.25	20.47	20.45	21.00
1.4		3	1	20.37	20.25	20.26	21.00
1.4		3	3	20.50	20.29	20.45	21.00
1.4		6	0	20.41	20.45	20.30	21.00
1.4	64QAM	1	0	20.22	20.38	20.47	21.00
1.4		1	3	20.30	20.55	20.31	21.00
1.4		1	5	20.43	20.48	20.52	21.00
1.4		3	0	21.30	21.45	21.25	21.00
1.4		3	1	21.18	21.37	21.24	21.00
1.4		3	3	21.14	21.32	21.32	21.00
1.4		6	0	20.45	20.30	20.29	21.00
1.4	256QAM	1	0	18.29	18.35	18.19	19.00
1.4		1	3	18.26	18.26	18.19	19.00
1.4		1	5	17.96	18.30	17.99	19.00
1.4		3	0	18.39	18.42	18.26	19.00
1.4		3	1	18.16	18.30	18.18	19.00
1.4		3	3	18.28	18.40	18.20	19.00
1.4		6	0	18.42	18.46	18.27	19.00

<LTE Band 4_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.09	19.98	20.08	20.30
20		1	49	19.78	19.81	19.87	20.30
20		1	99	20.07	19.88	19.98	20.30
20		50	0	19.72	19.91	19.86	20.30
20		50	24	19.97	20.05	19.84	20.30
20		50	50	19.92	19.94	19.88	20.30
20		100	0	19.84	19.84	20.01	20.30
20	16QAM	1	0	19.78	19.87	19.87	20.30
20		1	49	19.83	20.01	19.92	20.30
20		1	99	19.98	20.01	19.72	20.30
20		50	0	19.88	20.06	19.99	20.30
20		50	24	19.71	20.08	19.90	20.30
20		50	50	19.75	19.88	19.88	20.30
20		100	0	19.88	19.97	20.02	20.30
20	64QAM	1	0	19.92	19.73	19.95	20.30
20		1	49	19.99	19.96	20.01	20.30
20		1	99	19.92	20.01	20.01	20.30
20		50	0	20.20	20.21	20.16	20.30
20		50	24	20.15	20.32	20.22	20.30
20		50	50	20.08	20.25	20.06	20.30
20		100	0	20.16	20.20	20.09	20.30
20	256QAM	1	0	18.00	18.15	18.02	19.00
20		1	49	18.25	18.30	18.15	19.00
20		1	99	18.19	18.40	18.21	19.00
20		50	0	17.93	18.10	17.96	19.00
20		50	24	18.22	18.21	18.13	19.00
20		50	50	18.22	18.25	18.12	19.00
20		100	0	18.23	18.22	18.13	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.95	20.07	20.17	20.30
15		1	37	19.72	19.87	19.79	20.30
15		1	74	19.88	19.86	19.84	20.30
15		36	0	19.71	20.05	19.75	20.30
15		36	20	19.89	20.07	20.02	20.30
15		36	39	19.80	19.83	19.88	20.30
15		75	0	19.70	19.97	20.02	20.30
15	16QAM	1	0	19.80	20.09	19.93	20.30
15		1	37	19.87	20.01	20.15	20.30
15		1	74	19.86	19.95	19.75	20.30
15		36	0	19.90	19.95	19.94	20.30
15		36	20	19.69	19.98	19.96	20.30
15		36	39	19.75	19.99	19.88	20.30
15		75	0	19.82	19.91	20.01	20.30
15	64QAM	1	0	19.87	19.95	20.01	20.30
15		1	37	19.91	19.87	19.89	20.30
15		1	74	19.88	20.09	19.88	20.30
15		36	0	20.21	20.19	20.00	20.30
15		36	20	19.94	20.14	20.23	20.30
15		36	39	20.05	20.20	20.01	20.30
15		75	0	19.98	20.04	20.01	20.30
15	256QAM	1	0	17.97	18.13	17.86	18.00
15		1	37	18.06	18.10	18.04	18.00
15		1	74	18.14	18.33	18.13	18.00
15		36	0	17.75	17.94	17.81	18.00
15		36	20	18.01	18.22	18.13	18.00
15		36	39	18.20	18.20	17.99	18.00
15		75	0	18.14	18.03	18.08	18.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.98	20.08	20.05	20.30
10		1	25	19.87	19.96	19.91	20.30
10		1	49	19.97	19.82	19.86	20.30
10		25	0	19.90	20.05	19.76	20.30
10		25	12	19.88	20.05	19.84	20.30
10		25	25	19.72	20.03	19.86	20.30
10		50	0	19.82	19.89	20.00	20.30
10	16QAM	1	0	19.91	19.99	19.85	20.30
10		1	25	19.81	20.07	19.96	20.30
10		1	49	19.84	20.11	19.83	20.30
10		25	0	19.78	20.12	19.99	20.30
10		25	12	19.84	20.14	19.99	20.30
10		25	25	19.92	19.94	19.88	20.30
10		50	0	19.85	20.02	19.93	20.30
10	64QAM	1	0	19.94	19.90	20.00	20.30
10		1	25	20.00	20.00	19.92	20.30
10		1	49	19.74	20.08	20.00	20.30
10		25	0	20.07	20.23	20.01	20.30
10		25	12	20.05	20.15	20.23	20.30
10		25	25	19.93	20.14	19.89	20.30
10		50	0	20.08	19.99	20.04	20.30
10	256QAM	1	0	17.81	18.10	17.80	18.00
10		1	25	18.22	18.10	18.05	18.00
10		1	49	18.04	18.27	18.04	18.00
10		25	0	17.91	17.89	17.74	18.00
10		25	12	18.03	18.04	18.04	18.00
10		25	25	18.12	18.20	17.99	18.00
10		50	0	18.23	18.09	18.12	18.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	20.13	20.20	19.96	20.30
5		1	12	19.86	19.76	19.82	20.30
5		1	24	19.95	19.99	20.05	20.30
5		12	0	19.84	20.03	19.84	20.30
5		12	7	19.97	20.09	19.93	20.30
5		12	13	19.80	19.99	19.88	20.30
5		25	0	19.86	19.90	19.92	20.30
5	16QAM	1	0	19.91	20.02	19.90	20.30
5		1	12	19.93	20.06	19.91	20.30
5		1	24	19.84	20.17	19.77	20.30
5		12	0	19.89	20.04	20.02	20.30
5		12	7	19.81	19.99	19.85	20.30
5		12	13	19.92	20.03	19.88	20.30
5		25	0	19.75	19.94	19.99	20.30
5	64QAM	1	0	19.90	19.87	19.93	20.30
5		1	12	19.89	19.83	20.10	20.30
5		1	24	19.88	20.18	19.87	20.30
5		12	0	20.08	20.04	20.15	20.30
5		12	7	20.16	20.22	20.11	20.30
5		12	13	19.92	20.10	19.88	20.30
5		25	0	20.12	20.06	20.11	20.30
5	256QAM	1	0	17.86	17.95	17.86	18.00
5		1	12	18.08	18.16	18.01	18.00
5		1	24	18.13	18.38	18.12	18.00
5		12	0	17.75	18.05	17.81	18.00
5		12	7	18.11	18.02	17.94	18.00
5		12	13	18.03	18.21	18.09	18.00
5		25	0	18.17	18.11	18.03	18.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.99	20.04	20.08	20.30
3		1	8	19.69	19.88	19.78	20.30
3		1	14	20.07	19.85	20.04	20.30
3		8	0	19.71	20.09	19.97	20.30
3		8	4	19.92	20.03	20.02	20.30
3		8	7	19.84	19.95	19.92	20.30
3		15	0	19.68	19.91	19.90	20.30
3	16QAM	1	0	19.80	19.89	19.77	20.30
3		1	8	19.90	20.07	20.04	20.30
3		1	14	20.01	20.04	19.83	20.30
3		8	0	19.83	20.03	19.95	20.30
3		8	4	19.75	20.11	19.81	20.30
3		8	7	19.94	20.07	19.83	20.30
3		15	0	19.76	19.82	20.03	20.30
3	64QAM	1	0	19.91	19.93	20.06	20.30
3		1	8	19.96	19.86	19.99	20.30
3		1	14	19.72	20.05	20.02	20.30
3		8	0	19.99	20.06	20.16	20.30
3		8	4	19.99	20.32	20.04	20.30
3		8	7	20.00	20.05	19.98	20.30
3		15	0	19.98	20.08	20.07	20.30
3	256QAM	1	0	17.76	17.95	17.87	18.00
3		1	8	18.13	18.25	18.16	18.00
3		1	14	18.03	18.26	18.05	18.00
3		8	0	17.86	18.04	17.89	18.00
3		8	4	18.18	18.21	18.11	18.00
3		8	7	18.07	18.03	17.92	18.00
3		15	0	18.16	18.24	18.15	18.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	20.01	20.09	20.01	20.30
1.4		1	3	19.79	19.87	19.81	20.30
1.4		1	5	19.88	19.89	19.84	20.30
1.4		3	0	19.84	20.01	19.88	20.30
1.4		3	1	20.00	19.96	20.00	20.30
1.4		3	3	19.91	19.93	19.91	20.30
1.4		6	0	19.81	19.86	19.98	20.30
1.4	16QAM	1	0	19.94	20.09	19.80	20.30
1.4		1	3	19.79	19.92	20.00	20.30
1.4		1	5	19.93	19.97	19.71	20.30
1.4		3	0	19.82	20.01	20.03	20.30
1.4		3	1	19.72	20.01	19.91	20.30
1.4		3	3	19.84	20.03	19.90	20.30
1.4		6	0	19.85	19.92	20.08	20.30
1.4	64QAM	1	0	19.84	19.80	20.10	20.30
1.4		1	3	20.08	19.93	20.02	20.30
1.4		1	5	19.95	19.98	19.98	20.30
1.4		3	0	19.92	20.06	20.12	20.30
1.4		3	1	19.98	20.08	19.89	20.30
1.4		3	3	20.00	20.12	19.96	20.30
1.4		6	0	19.36	19.77	19.65	20.30
1.4	256QAM	1	0	17.39	17.73	17.46	18.00
1.4		1	3	17.70	18.10	17.86	18.00
1.4		1	5	17.81	18.19	17.71	18.00
1.4		3	0	17.37	17.74	17.37	18.00
1.4		3	1	17.55	17.66	17.60	18.00
1.4		3	3	17.56	17.89	17.61	18.00
1.4		6	0	17.49	17.68	17.60	18.00

<LTE Band 66_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.18	20.25	20.22	20.30
20		1	49	19.96	20.00	19.96	20.30
20		1	99	20.11	20.06	20.09	20.30
20		50	0	19.94	20.17	20.00	20.30
20		50	24	20.09	20.22	20.07	20.30
20		50	50	19.98	20.09	20.05	20.30
20		100	0	19.91	20.04	20.09	20.30
20	16QAM	1	0	19.98	20.12	20.00	20.30
20		1	49	19.96	20.19	20.18	20.30
20		1	99	20.06	20.21	19.97	20.30
20		50	0	19.93	20.19	20.15	20.30
20		50	24	19.92	20.18	20.04	20.30
20		50	50	19.97	20.12	19.95	20.30
20		100	0	19.95	20.05	20.18	20.30
20	64QAM	1	0	20.03	19.99	20.13	20.30
20		1	49	20.15	20.07	20.14	20.30
20		1	99	19.98	20.21	20.14	20.30
20		50	0	20.06	20.02	20.04	20.30
20		50	24	19.98	19.99	20.13	20.30
20		50	50	20.05	20.04	20.04	20.30
20		100	0	19.92	20.04	20.01	20.30
20	256QAM	1	0	18.15	18.18	18.19	19.00
20		1	49	18.36	18.43	18.42	19.00
20		1	99	18.28	18.41	18.39	19.00
20		50	0	18.10	18.14	18.10	19.00
20		50	24	18.16	18.19	18.18	19.00
20		50	50	18.23	18.32	18.23	19.00
20		100	0	18.00	18.18	18.18	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.12	23.24	23.14	20.30
15		1	37	23.17	23.20	23.03	20.30
15		1	74	23.19	23.26	23.28	20.30
15		36	0	21.98	22.14	21.93	20.30
15		36	20	22.00	22.20	22.15	20.30
15		36	39	22.07	22.16	22.04	20.30
15		75	0	21.99	22.13	22.05	20.30
15	16QAM	1	0	22.09	22.17	21.98	20.30
15		1	37	22.32	22.50	22.34	20.30
15		1	74	22.55	22.53	22.52	20.30
15		36	0	21.02	21.10	21.15	20.30
15		36	20	20.97	21.11	21.01	20.30
15		36	39	21.37	21.34	21.02	20.30
15		75	0	21.10	21.07	20.96	20.30
15	64QAM	1	0	21.31	21.22	21.14	20.30
15		1	37	21.03	21.17	21.26	20.30
15		1	74	21.38	21.52	21.44	20.30
15		36	0	20.07	20.13	20.00	20.30
15		36	20	19.97	19.98	19.95	20.30
15		36	39	20.09	20.25	20.14	20.30
15		75	0	20.11	20.35	20.29	20.30
15	256QAM	1	0	18.16	18.18	18.02	19.00
15		1	37	18.17	18.25	18.39	19.00
15		1	74	18.16	18.29	18.29	19.00
15		36	0	17.95	18.06	18.03	19.00
15		36	20	18.01	18.05	17.97	19.00
15		36	39	18.02	18.14	18.13	19.00
15		75	0	17.81	18.07	18.05	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.17	23.29	23.17	20.30
10		1	25	23.06	23.23	22.96	20.30
10		1	49	23.23	23.28	23.27	20.30
10		25	0	22.07	22.16	21.97	20.30
10		25	12	22.05	22.08	22.17	20.30
10		25	25	22.05	22.20	22.15	20.30
10		50	0	22.17	22.08	21.93	20.30
10	16QAM	1	0	22.14	22.07	21.98	20.30
10		1	25	22.33	22.52	22.40	20.30
10		1	49	22.57	22.66	22.42	20.30
10		25	0	21.05	21.15	21.03	20.30
10		25	12	21.00	21.10	20.89	20.30
10		25	25	21.44	21.32	20.99	20.30
10		50	0	21.12	21.25	21.06	20.30
10	64QAM	1	0	21.14	21.09	21.06	20.30
10		1	25	21.17	21.29	21.31	20.30
10		1	49	21.48	21.66	21.38	20.30
10		25	0	20.08	20.14	20.11	20.30
10		25	12	19.97	20.14	19.84	20.30
10		25	25	20.10	20.34	20.07	20.30
10		50	0	20.00	20.15	20.24	20.30
10	256QAM	1	0	17.97	18.19	18.19	19.00
10		1	25	18.36	18.36	18.21	19.00
10		1	49	18.28	18.24	18.37	19.00
10		25	0	18.00	17.95	18.06	19.00
10		25	12	18.16	18.07	17.96	19.00
10		25	25	18.24	18.18	18.22	19.00
10		50	0	18.00	18.06	18.04	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.17	23.42	23.10	20.30
5		1	12	23.12	23.09	22.91	20.30
5		1	24	23.28	23.26	23.27	20.30
5		12	0	22.07	22.16	22.07	20.30
5		12	7	21.82	22.22	22.07	20.30
5		12	13	22.15	22.09	22.02	20.30
5		25	0	22.02	22.13	21.94	20.30
5	16QAM	1	0	22.15	22.14	22.19	20.30
5		1	12	22.13	22.37	22.30	20.30
5		1	24	22.50	22.55	22.34	20.30
5		12	0	21.07	21.17	21.08	20.30
5		12	7	21.00	20.97	20.80	20.30
5		12	13	21.25	21.29	21.02	20.30
5		25	0	21.02	21.25	21.04	20.30
5	64QAM	1	0	21.15	21.12	21.15	20.30
5		1	12	21.20	21.37	21.30	20.30
5		1	24	21.27	21.65	21.32	20.30
5		12	0	20.16	20.04	20.06	20.30
5		12	7	19.96	20.04	19.96	20.30
5		12	13	20.11	20.20	20.18	20.30
5		25	0	20.07	20.33	20.27	20.30
5	256QAM	1	0	18.11	17.97	18.07	19.00
5		1	12	18.24	18.45	18.43	19.00
5		1	24	18.26	18.22	18.31	19.00
5		12	0	17.88	18.15	17.89	19.00
5		12	7	18.11	18.03	17.98	19.00
5		12	13	18.11	18.15	18.13	19.00
5		25	0	18.01	18.06	18.11	19.00
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.15	23.37	23.18	20.30
3		1	8	23.10	23.13	22.90	20.30
3		1	14	23.18	23.18	23.34	20.30
3		8	0	22.00	22.15	22.00	20.30
3		8	4	21.84	22.21	22.15	20.30
3		8	7	22.03	22.09	22.11	20.30
3		15	0	22.05	22.11	22.06	20.30
3	16QAM	1	0	22.14	22.15	22.19	20.30
3		1	8	22.10	22.49	22.43	20.30
3		1	14	22.49	22.53	22.38	20.30
3		8	0	20.99	21.22	21.09	20.30
3		8	4	20.97	21.08	20.91	20.30
3		8	7	21.25	21.41	21.17	20.30
3		15	0	20.94	21.14	20.89	20.30
3	64QAM	1	0	21.16	21.27	21.14	20.30
3		1	8	21.22	21.34	21.31	20.30
3		1	14	21.40	21.66	21.45	20.30
3		8	0	20.14	20.12	19.91	20.30
3		8	4	19.93	20.12	19.83	20.30
3		8	7	20.11	20.16	20.11	20.30
3		15	0	20.12	20.30	20.15	20.30
3	256QAM	1	0	17.95	18.16	18.21	19.00
3		1	8	18.19	18.36	18.42	19.00
3		1	14	18.22	18.33	18.17	19.00
3		8	0	18.09	17.98	18.09	19.00
3		8	4	18.10	18.18	18.19	19.00
3		8	7	18.06	18.15	18.17	19.00
3		15	0	18.02	18.11	18.14	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.10	23.19	23.05	20.30
1.4		1	3	22.95	23.07	23.08	20.30
1.4		1	5	22.93	23.19	22.96	20.30
1.4		3	0	23.03	23.11	23.04	20.30
1.4		3	1	22.88	22.95	22.90	20.30
1.4		3	3	23.06	22.99	23.10	20.30
1.4		6	0	22.05	22.28	22.04	20.30
1.4	16QAM	1	0	22.04	22.05	22.09	20.30
1.4		1	3	22.13	22.47	21.93	20.30
1.4		1	5	22.32	22.59	22.33	20.30
1.4		3	0	22.08	22.03	21.95	20.30
1.4		3	1	22.00	21.99	22.04	20.30
1.4		3	3	21.96	21.98	22.00	20.30
1.4		6	0	21.13	21.31	21.05	20.30
1.4	64QAM	1	0	20.97	21.10	21.03	20.30
1.4		1	3	21.13	21.31	21.06	20.30
1.4		1	5	21.15	21.52	21.13	20.30
1.4		3	0	20.96	21.10	21.01	20.30
1.4		3	1	21.06	21.03	21.01	20.30
1.4		3	3	21.12	20.88	20.93	20.30
1.4		6	0	19.91	20.10	20.10	20.30
1.4	256QAM	1	0	17.92	18.07	17.91	19.00
1.4		1	3	18.01	18.22	18.00	19.00
1.4		1	5	18.11	18.28	17.96	19.00
1.4		3	0	17.96	18.18	17.93	19.00
1.4		3	1	17.90	18.11	18.00	19.00
1.4		3	3	18.13	18.33	17.88	19.00
1.4		6	0	18.12	18.36	18.07	19.00

<FR1 n2_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	21.08	21.26	21.21	22.30
40		1	108	20.92	21.03	20.78	22.30
40		1	214	21.10	21.11	20.98	22.30
40	Pi/2 BPSK	108	0	20.87	20.99	21.02	22.30
40		108	54	20.98	21.07	21.11	22.30
40		108	108	21.05	20.90	20.93	22.30
40		216	0	20.88	21.16	20.97	22.30
40		1	1	20.88	20.93	20.79	22.30
40		1	108	20.88	21.15	20.99	22.30
40		1	214	20.87	21.12	20.90	22.30
40	QPSK	108	0	21.04	21.07	21.07	22.30
40		108	54	20.72	21.05	20.77	22.30
40		108	108	20.86	20.97	20.85	22.30
40		216	0	21.00	21.20	20.82	22.30
40	16QAM	1	1	20.78	20.87	21.05	22.30
40	64QAM	1	1	19.95	20.11	20.08	21.50
40	256QAM	1	1	17.92	18.05	17.90	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	Pi/2 BPSK	1	1	21.05	21.08	20.82	22.30
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	Pi/2 BPSK	1	1	21.06	21.18	20.89	22.30
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	Pi/2 BPSK	1	1	20.98	21.18	20.98	22.30
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	Pi/2 BPSK	1	1	21.16	21.11	20.86	22.30
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	Pi/2 BPSK	1	1	21.09	21.13	20.95	22.30
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	Pi/2 BPSK	1	1	21.21	21.21	20.84	22.30
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	Pi/2 BPSK	1	1	20.97	21.17	21.03	22.30

<FR1 n25_Ant 0_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	21.28	21.35	21.30	22.30
40		1	108	21.15	21.20	21.04	22.30
40		1	214	21.24	21.27	21.07	22.30
40	Pi/2 BPSK	108	0	21.13	21.19	21.09	22.30
40		108	54	21.19	21.31	21.22	22.30
40		108	108	21.12	21.17	20.99	22.30
40		216	0	21.11	21.23	21.06	22.30
40		1	1	21.13	21.04	20.98	22.30
40		1	108	20.95	21.27	21.07	22.30
40		1	214	21.09	21.15	21.09	22.30
40	QPSK	108	0	21.12	21.17	21.16	22.30
40		108	54	20.97	21.28	21.01	22.30
40		108	108	21.00	21.05	21.08	22.30
40		216	0	21.12	21.26	21.08	22.30
40	16QAM	1	1	20.99	21.11	21.14	22.30
40	64QAM	1	1	20.15	20.15	20.04	21.50
40	256QAM	1	1	17.96	18.10	17.91	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	Pi/2 BPSK	1	1	20.96	21.09	21.11	22.30
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	Pi/2 BPSK	1	1	21.01	21.06	21.17	22.30
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	Pi/2 BPSK	1	1	21.12	21.19	21.12	22.30
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	Pi/2 BPSK	1	1	21.03	21.20	21.16	22.30
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	Pi/2 BPSK	1	1	21.04	21.22	21.16	22.30
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	Pi/2 BPSK	1	1	21.15	21.04	21.08	22.30
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	Pi/2 BPSK	1	1	21.02	21.11	21.01	22.30

<FR1 n66_Ant 0_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	20.21	20.49	20.43	21.40
45		1	120	20.13	20.32	20.21	21.40
45		1	240	20.03	20.43	20.22	21.40
45	Pi/2 BPSK	120	0	19.98	20.35	20.28	21.40
45		120	60	20.31	20.46	20.28	21.40
45		120	120	20.06	20.28	20.08	21.40
45		240	0	20.05	20.29	20.23	21.40
45		1	1	20.06	20.41	20.12	21.40
45		1	120	20.26	20.42	20.08	21.40
45		1	240	20.13	20.24	20.08	21.40
45	QPSK	120	0	20.12	20.33	20.21	21.40
45		120	60	20.19	20.32	20.12	21.40
45		120	120	20.16	20.22	20.15	21.40
45		240	0	20.22	20.43	20.15	21.40
45	16QAM	1	1	20.05	20.31	20.04	21.40
45	64QAM	1	1	19.97	20.06	20.03	21.40
45	256QAM	1	1	17.90	18.09	17.93	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	20.19	20.36	20.15	21.40
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	20.17	20.38	20.22	21.40
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	20.25	20.40	20.21	21.40
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	20.06	20.42	20.11	21.40
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	20.15	20.34	20.17	21.40
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	20.10	20.23	20.09	21.40
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	20.07	20.41	20.22	21.40
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	20.07	20.23	20.11	21.40

<FR1 n2_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	20.50	20.75	20.50	21.00
40		1	108	20.35	20.52	20.24	21.00
40		1	214	20.17	20.42	20.49	21.00
40	PI/2 BPSK	108	0	20.39	20.44	20.42	21.00
40		108	54	20.29	20.72	20.37	21.00
40		108	108	20.21	20.49	20.58	21.00
40		216	0	20.61	20.51	20.46	21.00
40		1	1	20.55	20.55	20.64	21.00
40		1	108	20.58	20.45	20.47	21.00
40		1	214	20.34	20.51	20.40	21.00
40	QPSK	108	0	20.34	20.52	20.41	21.00
40		108	54	20.43	20.53	20.46	21.00
40		108	108	20.53	20.53	20.41	21.00
40		216	0	20.44	20.44	20.61	21.00
40	16QAM	1	1	20.19	20.47	20.39	21.00
40	64QAM	1	1	19.92	20.15	19.97	21.00
40	256QAM	1	1	17.86	18.08	17.91	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	20.43	20.74	20.44	21.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	20.49	20.70	20.43	21.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	20.42	20.71	20.47	21.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.37	20.71	20.44	21.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.43	20.69	20.35	21.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.35	20.74	20.38	21.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.36	20.63	20.47	21.00

<FR1 n25_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	20.65	20.78	20.69	21.00
40		1	108	20.45	20.62	20.49	21.00
40		1	214	20.44	20.60	20.66	21.00
40	PI/2 BPSK	108	0	20.53	20.66	20.62	21.00
40		108	54	20.51	20.75	20.61	21.00
40		108	108	20.46	20.60	20.63	21.00
40		216	0	20.66	20.76	20.53	21.00
40		1	1	20.59	20.60	20.71	21.00
40		1	108	20.66	20.64	20.60	21.00
40		1	214	20.58	20.60	20.47	21.00
40	QPSK	108	0	20.51	20.62	20.52	21.00
40		108	54	20.61	20.57	20.69	21.00
40		108	108	20.61	20.66	20.56	21.00
40		216	0	20.60	20.66	20.67	21.00
40	16QAM	1	1	20.45	20.59	20.59	21.00
40	64QAM	1	1	20.43	20.48	20.40	21.00
40	256QAM	1	1	18.27	18.44	18.28	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	20.35	20.35	20.34	21.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	20.28	20.37	20.30	21.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	20.28	20.30	20.29	21.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.36	20.26	20.38	21.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	20.33	20.31	20.29	21.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	20.32	20.28	20.36	21.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	20.25	20.27	20.37	21.00

<FR1 n66_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	19.89	19.81	19.82	24.00
45		1	120	20.26	20.38	20.17	24.00
45		1	240	20.18	20.36	19.93	24.00
45		120	0	20.01	20.05	19.68	23.50
45		120	60	20.10	20.34	20.18	24.00
45		120	120	19.71	20.04	19.85	23.50
45		240	0	20.24	20.31	20.29	23.50
45	QPSK	1	1	19.78	19.93	19.91	24.00
45		1	120	20.18	20.11	20.07	24.00
45		1	240	20.23	20.22	20.36	24.00
45		120	0	19.94	20.15	20.01	23.00
45		120	60	20.30	20.19	20.24	24.00
45		120	120	20.27	20.30	20.19	23.00
45		240	0	19.94	20.30	19.88	23.00
45	16QAM	1	1	19.85	20.11	19.68	23.00
45	64QAM	1	1	20.03	20.03	19.91	21.50
45	256QAM	1	1	18.34	18.51	18.43	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	19.83	19.67	19.81	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	19.83	19.77	19.78	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	19.84	19.72	19.68	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	19.75	19.75	19.72	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	19.86	19.71	19.80	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	19.77	19.69	19.74	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	19.79	19.78	19.76	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	19.87	19.76	19.69	24.00

<FR1 n77 (27Q)_Ant 1_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		23.21		24.00
100		1	137		23.18		24.00
100		1	271		23.15		24.00
100	PI/2 BPSK	135	0		22.98		24.00
100		135	69		23.08		24.00
100		135	138		23.16		24.00
100		270	0		23.04		24.00
100		1	1		22.93		24.00
100		1	137		23.12		24.00
100		1	271		23.12		24.00
100	QPSK	135	0		22.96		24.00
100		135	69		23.05		24.00
100		135	138		23.11		24.00
100		270	0		23.04		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		21.18		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.79	22.80	22.85	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.95	22.92	22.90	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.94	22.79	22.93	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.95	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.86	22.95	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.92	22.86	22.79	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.81	22.93	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.88	22.83	22.93	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.85	22.86	22.87	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.80	22.95	22.74	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.74	22.91	24.00

<FR1 n77 (27Q)_HPUE_Ant 1_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		26.16		27.00
100		1	137		25.97		27.00
100		1	271		26.11		27.00
100	PI/2 BPSK	135	0		25.57		27.00
100		135	69		26.11		27.00
100		135	138		25.69		27.00
100		270	0		26.64		27.00
100		1	1		25.89		27.00
100		1	137		26.08		27.00
100		1	271		26.03		27.00
100	QPSK	135	0		25.10		27.00
100		135	69		26.15		27.00
100		135	138		25.22		27.00
100		270	0		25.12		27.00
100	16QAM	1	1		25.11		27.00
100	64QAM	1	1		23.28		25.00
100	256QAM	1	1		21.85		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.92	25.89	25.83	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.82	25.87	25.79	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.93	25.95	25.91	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.92	25.77	25.84	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.91	25.91	25.85	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.95	25.80	25.93	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.81	25.81	25.83	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.79	25.90	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.89	25.87	25.78	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.87	25.80	25.86	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.88	25.93	25.82	27.00

<FR1 n77 (27O)_Ant 1_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	23.16	23.30	23.24	23.18	24.00
100		1	137	23.12	23.22	23.21	23.16	24.00
100		1	271	23.06	23.12	23.19	22.98	24.00
100	Pi/2 BPSK	135	0	23.14	23.21	23.03	23.07	24.00
100		135	69	23.15	23.27	23.06	22.87	24.00
100		135	138	23.12	23.26	23.01	22.96	24.00
100		270	0	23.09	23.26	23.27	23.21	24.00
100		1	1	23.16	23.23	23.05	23.04	24.00
100		1	137	23.16	23.09	23.21	23.10	24.00
100		1	271	23.08	23.26	23.23	23.02	24.00
100	QPSK	135	0	23.17	23.28	23.09	22.98	24.00
100		135	69	23.26	23.26	23.27	23.08	24.00
100		135	138	23.09	23.28	23.17	23.14	24.00
100		270	0	23.12	23.26	23.15	23.00	24.00
100	16QAM	1	1	23.27	23.09	23.14	23.12	24.00
100	64QAM	1	1	22.96	23.06	22.86	22.85	24.00
100	256QAM	1	1	21.28	21.48	21.26	21.18	22.00
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	22.94	23.08	23.03	23.07	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	23.13	23.29	23.21	23.16	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	22.94	23.15	23.19	23.04	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3943.98	
60	Pi/2 BPSK	1	1	23.02	23.21	23.16	23.00	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	23.09	23.17	23.09	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	22.94	23.16	23.04	23.00	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	23.08	23.15	23.07	23.15	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	23.02	23.18	23.03	23.20	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	22.97	23.16	23.16	23.10	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	23.17	23.21	23.13	23.02	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	22.99	23.10	23.14	23.12	24.00

<FR1 n77 (27O)_HPUE_Ant 1_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	26.21	26.25	26.18	26.13	27.00
100		1	137	26.14	26.22	26.10	26.03	27.00
100		1	271	26.17	26.24	26.25	26.15	27.00
100	Pi/2 BPSK	135	0	25.58	25.73	25.54	25.40	27.00
100		135	69	26.03	26.16	26.08	25.96	27.00
100		135	138	25.65	25.73	25.66	25.44	27.00
100		270	0	25.61	25.71	25.58	25.38	27.00
100		1	1	26.17	26.21	25.99	25.86	27.00
100		1	137	26.15	26.22	26.23	26.13	27.00
100		1	271	26.18	26.17	26.16	26.13	27.00
100	QPSK	135	0	25.12	25.28	25.26	25.16	27.00
100		135	69	26.21	26.21	26.18	25.97	27.00
100		135	138	25.16	25.30	25.09	24.99	27.00
100		270	0	25.19	25.24	25.13	25.07	27.00
100	16QAM	1	1	25.12	25.28	25.10	24.99	27.00
100	64QAM	1	1	23.39	23.51	23.46	23.32	25.00
100	256QAM	1	1	21.96	22.12	21.99	21.92	23.00
Channel				649968	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	26.17	26.12	26.13	26.03	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	26.13	26.15	26.17	25.93	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	26.12	26.15	26.19	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3943.98	
60	Pi/2 BPSK	1	1	26.12	26.11	26.15	25.98	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	26.09	26.18	26.03	26.05	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	26.15	26.04	26.18	26.04	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	26.01	26.06	25.96	25.90	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	26.20	26.22	26.04	25.94	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	26.21	26.22	26.16	25.88	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	26.21	26.19	26.04	26.01	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	26.21	26.13	26.00	25.90	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.20	17.25	17.16	18.00
100		1	137	17.07	17.18	16.94	18.00
100		1	271	17.14	17.20	17.03	18.00
100		135	0	17.14	17.15	16.92	18.00
100		135	69	16.93	17.11	17.03	18.00
100		135	138	16.76	16.99	16.86	18.00
100		270	0	16.67	17.03	16.91	18.00
100	QPSK	1	1	16.66	16.86	16.82	18.00
100		1	137	16.76	16.98	16.76	18.00
100		1	271	16.85	16.85	16.83	18.00
100		135	0	16.69	16.99	16.87	18.00
100		135	69	16.72	17.01	16.93	18.00
100		135	138	16.75	16.96	16.91	18.00
100		270	0	16.88	16.94	16.99	18.00
100	16QAM	1	1	16.90	16.86	16.87	18.00
100	64QAM	1	1	16.85	16.87	16.76	18.00
100	256QAM	1	1	17.11	17.05	17.03	18.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.66	16.99	16.81	18.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.76	16.88	16.84	18.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.83	16.92	16.92	18.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.71	17.06	16.90	18.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.73	16.96	16.80	18.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.72	16.85	16.82	18.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.88	16.84	16.84	18.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.75	16.89	16.93	18.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.80	16.84	16.86	18.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.85	16.99	16.81	18.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.88	16.94	16.89	18.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	16.80	16.92	16.96	18.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.79	16.98	16.94	18.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.18	20.25	20.11	21.00
100		1	137	19.30	19.83	19.53	21.00
100		1	271	19.18	19.59	19.39	21.00
100		135	0	19.15	19.63	19.37	21.00
100		135	69	19.71	19.83	19.85	21.00
100		135	138	18.92	19.37	19.03	21.00
100		270	0	19.27	19.50	19.38	21.00
100	QPSK	1	1	20.10	20.19	19.92	21.00
100		1	137	19.99	20.01	19.86	21.00
100		1	271	20.03	20.20	19.91	21.00
100		135	0	20.10	20.00	20.04	21.00
100		135	69	19.98	20.07	19.84	21.00
100		135	138	19.96	20.07	20.07	21.00
100		270	0	19.97	20.20	19.91	21.00
100	16QAM	1	1	20.11	20.11	19.97	21.00
100	64QAM	1	1	19.92	20.22	19.93	21.00
100	256QAM	1	1	16.08	16.31	16.21	19.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.10	20.04	20.01	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.96	20.15	20.00	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.13	20.06	20.02	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.00	20.05	19.88	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.08	20.18	20.00	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.07	20.10	20.01	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.13	19.98	19.92	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.06	20.03	19.98	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.93	20.04	19.93	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.05	20.17	20.07	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.08	20.08	19.85	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.05	20.16	20.03	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.98	20.19	20.06	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.74		17.20
100		1	137		15.68		17.20
100		1	271		15.51		17.20
100		135	0		15.54		17.20
100		135	69		15.72		17.20
100		135	138		15.63		17.20
100		270	0		15.70		17.20
100	QPSK	1	1		15.59		17.20
100		1	137		15.67		17.20
100		1	271		15.69		17.20
100		135	0		15.52		17.20
100		135	69		15.58		17.20
100		135	138		15.72		17.20
100		270	0		15.73		17.20
100	16QAM	1	1		15.67		17.20
100	64QAM	1	1		15.68		17.20
100	256QAM	1	1		15.69		17.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.62	15.57	15.58	17.20
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.52	15.65	15.49	17.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.54	15.52	15.56	17.20
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.52	15.62	15.49	17.20
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.45	15.70	15.51	17.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.57	15.66	15.42	17.20
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.56	15.64	15.49	17.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	15.46	15.64	15.45	17.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.63	15.59	15.51	17.20
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.59	15.67	15.46	17.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.53	15.64	15.52	17.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.75		20.20
100		1	137		18.65		20.20
100		1	271		18.69		20.20
100		135	0		18.57		20.20
100		135	69		18.74		20.20
100		135	138		18.63		20.20
100		270	0		18.69		20.20
100	QPSK	1	1		18.60		20.20
100		1	137		18.66		20.20
100		1	271		18.58		20.20
100		135	0		18.63		20.20
100		135	69		18.57		20.20
100		135	138		18.74		20.20
100		270	0		18.72		20.20
100	16QAM	1	1		18.67		20.20
100	64QAM	1	1		18.59		20.20
100	256QAM	1	1		18.58		20.20
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.53	18.54	18.58	20.20
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.69	18.64	18.53	20.20
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.60	18.55	18.72	20.20
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.61	18.67	18.73	20.20
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.70	18.54	18.53	20.20
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.56	18.54	18.65	20.20
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.60	18.55	18.70	20.20
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.68	18.55	18.71	20.20
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.71	18.70	18.65	20.20
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.53	18.73	18.61	20.20
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.65	18.61	18.61	20.20

<FR1 n77 (27O)_Ant 3_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	15.64	15.71	15.62	15.46	17.20
100		1	137	15.55	15.56	15.59	15.54	17.20
100		1	271	15.60	15.61	15.58	15.48	17.20
100		135	0	15.61	15.60	15.53	15.47	17.20
100		135	69	15.64	15.68	15.66	15.64	17.20
100		135	138	15.53	15.59	15.50	15.47	17.20
100		270	0	15.65	15.66	15.53	15.52	17.20
100	QPSK	1	1	15.50	15.60	15.65	15.54	17.20
100		1	137	15.69	15.59	15.69	15.58	17.20
100		1	271	15.55	15.59	15.62	15.61	17.20
100		135	0	15.69	15.51	15.52	15.51	17.20
100		135	69	15.67	15.62	15.64	15.64	17.20
100		135	138	15.64	15.65	15.51	15.50	17.20
100		270	0	15.59	15.60	15.69	15.63	17.20
100	16QAM	1	1	15.60	15.61	15.62	15.48	17.20
100	64QAM	1	1	15.61	15.58	15.55	15.56	17.20
100	256QAM	1	1	15.63	15.64	15.51	15.38	17.20
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	15.58	15.57	15.67	15.64	17.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	15.56	15.49	15.67	15.45	17.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	15.48	15.40	15.66	15.55	17.20
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	15.58	15.56	15.50	15.55	17.20
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	15.43	15.52	15.60	15.54	17.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	15.59	15.52	15.67	15.48	17.20
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	15.55	15.53	15.63	15.63	17.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	15.54	15.41	15.50	15.50	17.20
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	15.49	15.58	15.49	15.51	17.20
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	15.48	15.44	15.63	15.47	17.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	15.60	15.51	15.51	15.40	17.20

<FR1 n77 (27O)_HPUE_Ant 3_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	18.75	18.79	18.70	18.62	20.20
100		1	137	18.60	18.75	18.67	18.48	20.20
100		1	271	18.66	18.74	18.64	18.45	20.20
100		135	0	18.60	18.67	18.57	18.47	20.20
100		135	69	18.74	18.76	18.69	18.48	20.20
100		135	138	18.71	18.71	18.67	18.55	20.20
100		270	0	18.67	18.74	18.63	18.54	20.20
100	QPSK	1	1	18.78	18.62	18.75	18.61	20.20
100		1	137	18.75	18.77	18.64	18.53	20.20
100		1	271	18.73	18.71	18.62	18.53	20.20
100		135	0	18.71	18.62	18.63	18.52	20.20
100		135	69	18.70	18.65	18.67	18.53	20.20
100		135	138	18.72	18.65	18.61	18.46	20.20
100		270	0	18.62	18.62	18.74	18.57	20.20
100	16QAM	1	1	18.68	18.69	18.64	18.58	20.20
100	64QAM	1	1	18.78	18.58	18.60	18.38	20.20
100	256QAM	1	1	18.77	18.69	18.78	18.58	20.20
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	18.71	18.51	18.72	18.65	20.20
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	18.72	18.53	18.71	18.55	20.20
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	18.64	18.65	18.58	18.49	20.20
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	18.62	18.59	18.71	18.66	20.20
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	18.62	18.59	18.71	18.53	20.20
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	18.66	18.61	18.69	18.65	20.20
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	18.66	18.59	18.63	18.67	20.20
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	18.58	18.49	18.76	18.58	20.20
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	18.65	18.49	18.59	18.59	20.20
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	18.59	18.62	18.67	18.40	20.20
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	18.65	18.57	18.73	18.68	20.20

<FR1 n41_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.39	15.68	15.51	17.20
100		1	137	15.14	15.56	15.35	17.20
100		1	271	15.21	15.60	15.29	17.20
100	PI/2 BPSK	135	0	15.22	15.63	15.39	17.20
100		135	69	15.31	15.56	15.26	17.20
100		135	138	15.19	15.43	15.04	17.20
100		270	0	15.11	15.51	15.32	17.20
100		1	1	15.24	15.47	15.40	17.20
100		1	137	14.95	15.47	15.14	17.20
100		1	271	15.03	15.37	15.04	17.20
100	QPSK	135	0	15.00	15.48	15.34	17.20
100		135	69	15.22	15.30	15.11	17.20
100		135	138	15.01	15.21	14.99	17.20
100		270	0	14.92	15.28	15.21	17.20
100	16QAM	1	1	15.31	15.42	15.34	17.20
100	64QAM	1	1	15.30	15.46	15.30	17.20
100	256QAM	1	1	15.26	15.44	15.24	17.20
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	15.14	15.49	15.32	17.20
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.28	15.45	15.42	17.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.15	15.46	15.44	17.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.32	15.60	15.45	17.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.21	15.60	15.48	17.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.18	15.42	15.27	17.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	15.31	15.60	15.42	17.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	15.17	15.45	15.26	17.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	15.27	15.41	15.33	17.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	15.23	15.57	15.34	17.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.26	15.51	15.37	17.20
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.16	15.45	15.28	17.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.19	15.61	15.37	17.20

<FR1 n41_HPUE_Ant 4_use PA (Reference Designator)_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	18.41	18.73	18.55	20.20
100		1	137	18.32	18.66	18.35	20.20
100		1	271	18.31	18.46	18.37	20.20
100	PI/2 BPSK	135	0	18.15	18.46	18.41	20.20
100		135	69	18.31	18.54	18.25	20.20
100		135	138	18.08	18.49	18.03	20.20
100		270	0	18.24	18.47	18.13	20.20
100		1	1	18.36	18.57	18.33	20.20
100		1	137	18.13	18.54	18.23	20.20
100		1	271	18.09	18.43	18.25	20.20
100	QPSK	135	0	17.96	18.33	18.26	20.20
100		135	69	18.10	18.29	18.12	20.20
100		135	138	17.95	18.29	17.99	20.20
100		270	0	18.06	18.36	18.07	20.20
100	16QAM	1	1	18.16	18.26	18.27	20.20
100	64QAM	1	1	17.93	18.31	18.26	20.20
100	256QAM	1	1	17.91	18.12	17.93	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.23	18.59	18.49	20.20
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.24	18.65	18.33	20.20
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.33	18.63	18.48	20.20
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.29	18.60	18.33	20.20
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.36	18.67	18.37	20.20
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	18.32	18.50	18.43	20.20
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.33	18.52	18.52	20.20
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	18.28	18.53	18.48	20.20
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.31	18.64	18.45	20.20
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	18.14	18.62	18.34	20.20
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.20	18.51	18.29	20.20
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.21	18.50	18.38	20.20
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.36	18.64	18.40	20.20

<LTE Band 2_Ant 0_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20		1	0	22.89	22.98	22.95	24.00
20		1	49	22.66	22.88	22.77	24.00
20		1	99	22.64	22.90	22.69	24.00
20	QPSK	50	0	21.55	22.04	21.75	23.00
20		50	24	21.55	21.89	21.65	23.00
20		50	50	21.69	21.89	21.73	23.00
20		100	0	21.72	21.98	21.72	23.00
20		1	0	21.88	22.21	21.77	23.00
20		1	49	21.87	22.20	22.03	23.00
20		1	99	21.93	22.28	22.13	23.00
20	16QAM	50	0	20.55	20.81	20.82	22.00
20		50	24	20.60	20.87	20.88	22.00
20		50	50	20.81	20.87	20.83	22.00
20		100	0	20.64	21.02	20.62	22.00
20		1	0	20.81	20.98	20.74	22.00
20		1	49	20.70	21.20	20.86	22.00
20		1	99	21.03	21.24	21.05	22.00
20	64QAM	50	0	19.71	20.02	19.68	21.00
20		50	24	19.78	19.88	19.79	21.00
20		50	50	19.80	19.95	19.85	21.00
20		100	0	19.67	20.02	19.79	21.00
20		1	0	17.81	18.08	17.73	19.00
20		1	49	17.90	18.08	17.92	19.00
20		1	99	17.76	18.19	18.03	19.00
20	256QAM	50	0	17.63	18.08	17.78	19.00
20		50	24	17.69	17.99	17.75	19.00
20		50	50	17.74	17.88	17.86	19.00
20		100	0	17.61	18.01	17.81	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15		1	0	22.75	22.98	22.83	24.00
15		1	37	22.79	22.83	22.75	24.00
15		1	74	22.60	22.86	22.70	24.00
15	QPSK	36	0	21.77	22.00	21.84	23.00
15		36	20	21.78	21.96	21.75	23.00
15		36	39	21.74	22.02	21.77	23.00
15		75	0	21.61	22.03	21.85	23.00
15		1	0	21.61	22.08	21.94	23.00
15		1	37	21.84	22.18	21.89	23.00
15		1	74	22.01	22.33	22.15	23.00
15	16QAM	36	0	20.67	20.95	20.82	22.00
15		36	20	20.71	21.02	20.84	22.00
15		36	39	20.72	20.96	20.68	22.00
15		75	0	20.71	20.89	20.63	22.00
15		1	0	20.87	21.02	20.85	22.00
15		1	37	20.74	21.16	20.90	22.00
15		1	74	20.86	21.31	21.12	22.00
15	64QAM	36	0	19.65	19.86	19.78	21.00
15		36	20	19.61	20.05	19.89	21.00
15		36	39	19.70	19.90	19.68	21.00
15		75	0	19.64	19.99	19.72	21.00
15		1	0	17.73	17.97	17.82	19.00
15		1	37	17.82	18.05	17.79	19.00
15		1	74	17.80	18.17	17.91	19.00
15	256QAM	36	0	17.74	17.92	17.88	19.00
15		36	20	17.66	17.99	17.82	19.00
15		36	39	17.82	18.06	17.71	19.00
15		75	0	17.66	18.01	17.82	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	22.70	23.07	22.71	24.00
10		1	25	22.63	23.00	22.57	24.00
10		1	49	22.64	22.87	22.82	24.00
10	QPSK	25	0	21.69	22.00	21.86	23.00
10		25	12	21.70	21.85	21.61	23.00
10		25	25	21.60	21.98	21.68	23.00
10		50	0	21.64	21.85	21.78	23.00
10		1	0	21.72	22.02	21.78	23.00
10		1	25	21.74	22.12	22.04	23.00
10		1	49	21.92	22.32	22.18	23.00
10	16QAM	25	0	20.55	20.92	20.61	22.00
10		25	12	20.73	20.83	20.77	22.00
10		25	25	20.68	20.90	20.74	22.00
10		50	0	20.70	20.89	20.79	22.00
10		1	0	20.76	21.12	20.75	22.00
10		1	25	20.80	21.00	20.81	22.00
10		1	49	20.88	21.14	21.16	22.00
10	64QAM	25	0	19.61	19.81	19.72	21.00
10		25	12	19.61	19.96	19.73	21.00
10		25	25	19.84	19.99	19.66	21.00
10		50	0	19.72	19.98	19.92	21.00
10		1	0	17.86	18.03	17.88	19.00
10		1	25	17.71	18.05	17.87	19.00
10		1	49	17.80	18.13	18.03	19.00
10	256QAM	25	0	17.62	17.99	17.82	19.00
10		25	12	17.83	18.02	17.82	19.00
10		25	25	17.72	18.01	17.81	19.00
10		50	0	17.79	17.90	17.81	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5		1	0	22.70	22.91	22.82	24.00
5		1	12	22.64	22.83	22.56	24.00
5		1	24	22.65	22.93	22.62	24.00
5	QPSK	12	0	21.72	21.96	21.77	23.00
5		12	7	21.59	21.89	21.73	23.00
5		12	13	21.70	21.93	21.83	23.00
5		25	0	21.70	21.96	21.77	23.00
5		1	0	21.81	22.15	21.93	23.00
5		1	12	21.95	22.09	22.05	23.00
5		1	24	22.08	22.33	22.11	23.00
5	16QAM	12	0	20.71	20.87	20.60	22.00
5		12	7	20.77	21.01	20.72	22.00
5		12	13	20.82	20.86	20.66	22.00
5		25	0	20.73	21.00	20.62	22.00
5		1	0	20.74	20.95	20.77	22.00
5		1	12	20.89	21.05	20.80	22.00
5		1	24	20.96	21.28	21.15	22.00
5	64QAM	12	0	19.77	19.84	19.70	21.00
5		12	7	19.59	19.84	19.78	21.00
5		12	13	19.67	20.02	19.69	21.00
5		25	0	19.65	20.02	19.83	21.00
5		1	0	17.65	17.93	17.79	19.00
5		1	12	17.73	18.14	17.93	19.00
5		1	24	17.83	18.08	17.83	19.00
5	256QAM	12	0	17.80	17.99	17.76	19.00
5		12	7	17.71	17.94	17.92	19.00
5		12	13	17.90	18.03	17.69	19.00
5		25	0	17.64	18.04	17.76	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3		1	0	22.82	22.86	22.94	24.00
3		1	8	22.78	23.04	22.73	24.00
3		1	14	22.60	22.89	22.64	24.00
3	QPSK	8	0	21.72	21.97	21.76	23.00
3		8	4	21.68	21.98	21.74	23.00
3		8	7	21.58	21.84	21.62	23.00
3		15	0	21.71	21.84	21.84	23.00
3		1	0	21.80	22.22	21.99	23.00
3		1	8	21.94	22.16	22.02	23.00
3		1	14	22.01	22.39	22.21	23.00
3	16QAM	8	0	20.64	21.02	20.82	22.00
3		8	4	20.68	20.94	20.84	22.00
3		8	7	20.81	21.01	20.66	22.00
3		15	0	20.57	20.87	20.61	22.00
3		1	0	20.74	20.95	20.91	22.00
3		1	8	20.93	21.01	20.85	22.00
3		1	14	21.03	21.26	21.06	22.00
3	64QAM	8	0	19.72	20.00	19.67	21.00
3		8	4	19.57	20.04	19.72	21.00
3		8	7	19.83	19.87	19.66	21.00
3		15	0	19.62	19.83	19.76	21.00
3		1	0	17.75	17.99	17.77	19.00
3		1	8	17.70	18.16	17.87	19.00
3		1	14	17.74	18.18	17.93	19.00
3	256QAM	8	0	17.69	18.00	17.79	19.00
3		8	4	17.67	18.00	17.75	19.00
3		8	7	17.81	18.02	17.88	19.00
3		15	0	17.75	18.02	17.85	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4		1	0	22.74	22.81	22.73	24.00
1.4		1	3	22.67	22.77	22.50	24.00
1.4		1	5	22.41	22.80	22.57	24.00
1.4	QPSK	3	0	22.25	22.19	22.20	24.00
1.4		3	1	22.22	22.08	22.27	24.00
1.4		3	3	22.12	22.06	22.24	24.00
1.4		6	0	21.46	21.76	21.75	23.00
1.4		1	0	21.68	22.00	21.63	23.00
1.4		1	3	21.94	21.95	21.98	23.00
1.4		1	5	21.89	22.34	22.05	23.00
1.4	16QAM	3	0	21.05	21.09	21.10	23.00
1.4		3	1	21.26	21.22	21.10	23.00
1.4		3	3	21.23	21.24	21.07	23.00
1.4		6	0	20.55	20.78	20.65	22.00
1.4		1	0	20.69	21.02	20.69	22.00
1.4		1	3	20.80	21.13	20.67	22.00
1.4		1	5	20.90	21.07	21.14	22.00
1.4	64QAM	3	0	20.17	20.18	20.24	22.00
1.4		3	1	20.09	20.03	20.05	22.00
1.4		3	3	20.26	20.23	20.25	22.00
1.4		6	0	19.67	19.83	19.76	21.00
1.4		1	0	17.79	17.85	17.87	19.00
1.4		1	3	17.71	17.94	17.69	19.00
1.4		1	5	17.71	17.94	17.77	19.00
1.4	256QAM	3	0	17.61	17.96	17.62	19.00
1.4		3	1	17.61	17.91	17.84	19.00
1.4		3	3	17.81	17.93	17.63	19.00
1.4		6	0	17.68	17.96	17.68	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20		1	0	22.92	22.96	22.93	23.40
20		1	49	22.83	22.87	22.75	23.40
20		1	99	22.90	22.97	22.94	23.40
20	QPSK	50	0	21.87	21.90	21.77	23.00
20		50	24	21.80	21.79	21.68	23.00
20		50	50	21.82	21.98	21.76	23.00
20		100	0	21.84	21.87	21.68	23.00
20		1	0	22.02	22.06	21.85	23.00
20		1	49	22.04	22.11	21.96	23.00
20		1	99	22.01	22.16	21.99	23.00
20	16QAM	50	0	20.78	20.86	20.80	22.00
20		50	24	20.64	20.83	20.80	22.00
20		50	50	20.98	20.96	20.76	22.00
20		100	0	20.64	20.86	20.74	22.00
20		1	0	20.86	20.86	20.64	22.00
20		1	49	21.07	21.05	20.85	22.00
20		1	99	21.03	21.17	21.16	22.00
20	64QAM	50	0	19.66	19.86	19.79	21.00
20		50	24	19.66	19.83	19.82	21.00
20		50	50	19.87	19.94	19.75	21.00
20		100	0	19.87	19.88	19.71	21.00
20		1	0	17.67	17.87	17.75	19.00
20		1	49	17.98	18.02	17.82	19.00
20		1	99	17.89	17.95	17.73	19.00
20	256QAM	50	0	17.74	17.82	17.66	19.00
20		50	24	17.66	17.87	17.88	19.00
20		50	50	17.94	17.98	17.90	19.00
20		100	0	17.77	17.81	17.59	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15		1	0	22.92	22.96	22.93	23.40
15		1	37	22.83	22.87	22.75	23.40
15		1	74	22.90	22.97	22.94	23.40
15	QPSK	36	0	21.87	21.90	21.77	23.00
15		36	20	21.80	21.79	21.68	23.00
15		36	39	21.82	21.98	21.76	23.00
15		75	0	21.84	21.87	21.68	23.00
15		1	0	22.02	22.06	21.85	23.00
15		1	37	22.04	22.11	21.96	23.00
15		1	74	22.01	22.16	21.99	23.00
15	16QAM	36	0	20.78	20.86	20.80	22.00
15		36	20	20.64	20.83	20.80	22.00
15		36	39	20.98	20.96	20.76	22.00
15		75	0	20.64	20.86	20.74	22.00
15		1	0	20.86	20.86	20.64	22.00
15		1	37	21.07	21.05	20.85	22.00
15		1	74	21.03	21.17	21.16	22.00
15	64QAM	36	0	19.66	19.86	19.79	21.00
15		36	20	19.66	19.83	19.82	21.00
15		36	39	19.87	19.94	19.75	21.00
15		75	0	19.87	19.88	19.71	21.00
15		1	0	17.67	17.87	17.75	19.00
15		1	37	17.98	18.02	17.82	19.00
15		1	74	17.89	17.95	17.73	19.00
15	256QAM	36	0	17.74	17.82	17.66	19.00
15		36	20	17.66	17.87	17.88	19.00
15		36	39	17.94	17.98	17.90	19.00
15		75	0	17.77	17.81	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10		1	0	22.92	22.96	22.93	23.40
10		1	25	22.83	22.87	22.75	23.40
10		1	49	22.90	22.97	22.94	23.40
10	QPSK	25	0	21.87	21.90	21.77	23.00
10		25	12	21.80	21.79	21.68	23.00
10		25	25	21.82	21.98	21.76	23.00
10		50	0	21.84	21.87	21.68	23.00
10		1	0	22.02	22.06	21.85	23.00
10		1	25	22.04	22.11	21.96	23.00
10		1	49	22.01	22.16	21.99	23.00
10	16QAM	25	0	20.78	20.86	20.80	22.00
10		25	12	20.64	20.83	20.80	22.00
10		25	25	20.98	20.96	20.76	22.00
10		50	0	20.64	20.86	20.74	22.00
10		1	0	20.86	20.86	20.64	22.00
10		1	25	21.07	21.05	20.85	22.00
10		1	49	21.03	21.17	21.16	22.00
10	64QAM	25	0	19.66	19.86	19.79	21.00
10		25	12	19.66	19.83	19.82	21.00
10		25	25	19.87	19.94	19.75	21.00
10		50	0	19.87	19.88	19.71	21.00
10		1	0	17.67	17.87	17.75	19.00
10		1	25	17.98	18.02	17.82	19.00
10		1	49	17.89	17.95	17.73	19.00
10	256QAM	25	0	17.74	17.82	17.66	19.00
10		25	12	17.66	17.87	17.88	19.00
10		25	25	17.94	17.98	17.90	19.00
10		50	0	17.77	17.81	17.59	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5		1	0	22.92	22.96	22.93	23.40
5		1	12	22.83	22.87	22.75	23.40
5		1	24	22.90	22.97	22.94	23.40
5	QPSK	12	0	21.87	21.90	21.77	23.00
5		12	7	21.80	21.79	21.68	23.00
5		12	13	21.82	21.98	21.76	23.00
5		25	0	21.84	21.87	21.68	23.00
5		1	0	22.02	22.06	21.85	23.00
5		1	12	22.04	22.11	21.96	23.00
5		1	24	22.01	22.16	21.99	23.00
5	16QAM	12	0	20.78	20.86	20.80	22.00
5		12	7	20.64	20.83	20.80	22.00
5		12	13	20.98	20.96	20.76	22.00
5		25	0	20.64	20.86	20.74	22.00
5		1	0	20.86	20.86	20.64	22.00
5		1	12	21.07	21.05	20.85	22.00
5		1	24	21.03	21.17	21.16	22.00
5	64QAM	12	0	19.66	19.86	19.79	21.00
5		12	7	19.66	19.83	19.82	21.00
5		12	13	19.87	19.94	19.75	21.00
5		25	0	19.87	19.88	19.71	21.00
5		1	0	17.67	17.87	17.75	19.00
5		1	12	17.98	18.02	17.82	19.00
5		1	24	17.89	17.95	17.73	19.00
5	256QAM	12	0	17.74	17.82	17.66	19.00
5		12	7	17.66	17.87	17.88	19.00
5		12	13	17.94	17.98	17.90	19.00
5		25	0	17.77	17.81	17.59	19.00
Channel				19925	20175	20425	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3		1	0	22.92	22.96	22.93	23.40
3		1	8	22.83	22.87	22.75	23.40
3		1	14	22.90	22.97	22.94	23.40
3	QPSK	8	0	21.87	21.90	21.77	23.00
3		8	4	21.80	21.79	21.68	23.00
3		8	7	21.82	21.98	21.76	23.00
3		15	0	21.84	21.87	21.68	23.00
3		1	0	22.02	22.06	21.85	23.00
3		1	8	22.04	22.11	21.96	23.00
3		1	14	22.01	22.16	21.99	23.00
3	16QAM	8	0	20.78	20.86	20.80	22.00
3		8	4	20.64	20.83	20.80	22.00
3		8	7	20.98	20.96	20.76	22.00
3		15	0	20.64	20.86	20.74	22.00
3		1	0	20.86	20.86	20.64	22.00
3		1	8	21.07	21.05	20.85	22.00
3		1	14	21.03	21.17	21.16	22.00
3	64QAM	8	0	19.66	19.86	19.79	21.00
3		8	4	19.66	19.83	19.82	21.00
3		8	7	19.87	19.94	19.75	21.00
3		15	0	19.87	19.88	19.71	21.00
3		1	0	17.67	17.87	17.75	19.00
3		1	8	17.98	18.02	17.82	19.00
3		1	14	17.89	17.95	17.73	19.00
3	256QAM	8	0	17.74	17.82	17.66	19.00
3		8	4	17.66	17.87	17.88	19.00
3		8	7	17.94	17.98	17.90	19.00
3		15	0	17.77	17.81	17.59	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4		1	0	22.62	22.91	22.79	23.40
1.4		1	3	22.54	22.69	22.57	23.40
1.4		1	5	22.63	22.85	22.43	23.40
1.4	QPSK	3	0	22.09	22.01	21.99	23.40
1.4		3	1	22.00	22.11	21.95	23.40
1.4		3	3	22.05	22.05	22.04	23.40
1.4		6	0	21.46	21.75	21.54	23.00
1.4		1	0	21.71	21.88	21.76	23.00
1.4		1	3	21.91	22.15	21.87	23.00
1.4		1	5	22.08	22.20	21.88	23.00
1.4	16QAM	3	0	21.08	21.07	21.08	23.00
1.4		3	1	21.15	20.99	21.07	23.00
1.4		3	3	21.06	21.16	21.13	23.00
1.4		6	0	20.68	20.72	20.60	22.00
1.4		1	0	20.88	20.84	20.61	22.00
1.4		1	3	20.85	21.09	20.94	22.00
1.4		1	5	20.94	21.02	20.88	22.00
1.4	64QAM	3	0	20.12	20.18	20.08	22.00
1.4		3	1	20.15	20.02	20.08	22.00
1.4		3	3	20.10	19.96	20.08	22.00
1.4		6	0	19.66	19.84	19.53	21.00
1.4		1	0	17.70	17.98	17.66	19.00
1.4		1	3	17.61	18.02	17.67	19.00
1.4		1	5	17.79	18.06	17.81	19.00
1.4	256QAM	3	0	17.67	17.77	17.38	19.00
1.4		3	1	17.74	17.80	17.74	19.00
1.4		3	3	17.57	17.84	17.61	19.00
1.4		6	0	17.76	17.80	17.47	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.20	23.21	23.16	23.40
20		1	49	23.10	23.33	22.95	23.40
20		1	99	23.02	23.13	23.20	23.40
20		50	0	22.46	22.68	22.64	23.40
20		50	24	22.43	22.61	22.55	23.40
20		50	50	22.44	22.66	22.61	23.40
20		100	0	22.70	22.69	22.71	23.40
20	16QAM	1	0	22.81	22.81	22.81	23.40
20		1	49	22.72	22.77	22.65	23.40
20		1	99	22.77	22.76	22.56	23.40
20		50	0	21.62	21.69	21.49	23.00
20		50	24	21.59	21.65	21.48	23.00
20		50	50	21.50	21.67	21.57	23.00
20		100	0	21.60	21.73	21.75	23.00
20	64QAM	1	0	21.66	21.77	21.77	23.00
20		1	49	21.62	21.74	21.54	23.00
20		1	99	21.59	21.72	21.70	23.00
20		50	0	20.75	20.74	20.55	22.00
20		50	24	20.60	20.70	20.69	22.00
20		50	50	20.55	20.72	20.71	22.00
20		100	0	20.76	20.75	20.61	22.00
20	256QAM	1	0	18.71	18.77	18.57	20.00
20		1	49	18.75	18.77	18.78	20.00
20		1	99	18.68	18.69	18.55	20.00
20		50	0	18.66	18.82	18.60	20.00
20		50	24	18.71	18.77	18.64	20.00
20		50	50	18.71	18.78	18.66	20.00
20		100	0	18.67	18.84	18.85	20.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.19	23.29	23.25	23.40
15		1	37	23.20	23.21	23.14	23.40
15		1	74	23.18	23.19	22.99	23.40
15		36	0	22.32	22.58	22.44	23.40
15		36	20	22.33	22.43	22.50	23.40
15		36	39	22.41	22.49	22.43	23.40
15		75	0	22.58	22.61	22.53	23.40
15	16QAM	1	0	22.70	22.70	22.66	23.40
15		1	37	22.52	22.65	22.58	23.40
15		1	74	22.60	22.59	22.39	23.40
15		36	0	21.57	21.57	21.35	23.00
15		36	20	21.58	21.51	21.43	23.00
15		36	39	21.34	21.52	21.38	23.00
15		75	0	21.56	21.62	21.60	23.00
15	64QAM	1	0	21.52	21.73	21.79	23.00
15		1	37	21.51	21.76	21.44	23.00
15		1	74	21.48	21.55	21.70	23.00
15		36	0	20.62	20.64	20.42	22.00
15		36	20	20.40	20.69	20.49	22.00
15		36	39	20.39	20.62	20.52	22.00
15		75	0	20.60	20.76	20.61	22.00
15	256QAM	1	0	18.61	18.76	18.54	20.00
15		1	37	18.70	18.58	18.64	20.00
15		1	74	18.64	18.51	18.38	20.00
15		36	0	18.57	18.72	18.48	20.00
15		36	20	18.70	18.56	18.50	20.00
15		36	39	18.59	18.58	18.62	20.00
15		75	0	18.61	18.66	18.63	20.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.22	23.26	23.16	23.40
10		1	25	23.28	23.22	23.03	23.40
10		1	49	23.00	23.11	23.02	23.40
10		25	0	22.45	22.46	22.49	23.40
10		25	12	22.41	22.51	22.37	23.40
10		25	25	22.32	22.53	22.52	23.40
10		50	0	22.58	22.59	22.58	23.40
10	16QAM	1	0	22.66	22.67	22.82	23.40
10		1	25	22.52	22.77	22.63	23.40
10		1	49	22.72	22.76	22.50	23.40
10		25	0	21.48	21.70	21.50	23.00
10		25	12	21.47	21.45	21.28	23.00
10		25	25	21.48	21.67	21.59	23.00
10		50	0	21.60	21.64	21.69	23.00
10	64QAM	1	0	21.49	21.64	21.64	23.00
10		1	25	21.61	21.53	21.53	23.00
10		1	49	21.42	21.65	21.72	23.00
10		25	0	20.68	20.59	20.38	22.00
10		25	12	20.60	20.66	20.69	22.00
10		25	25	20.43	20.59	20.57	22.00
10		50	0	20.62	20.71	20.42	22.00
10	256QAM	1	0	18.61	18.77	18.37	20.00
10		1	25	18.73	18.60	18.61	20.00
10		1	49	18.61	18.49	18.44	20.00
10		25	0	18.46	18.66	18.52	20.00
10		25	12	18.58	18.79	18.58	20.00
10		25	25	18.62	18.73	18.45	20.00
10		50	0	18.53	18.65	18.81	20.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.17	23.11	23.13	23.40
5		1	12	23.16	23.22	22.95	23.40
5		1	24	22.98	23.08	23.16	23.40
5		12	0	22.30	22.64	22.54	23.40
5		12	7	22.39	22.59	22.56	23.40
5		12	13	22.26	22.51	22.62	23.40
5		25	0	22.59	22.50	22.56	23.40
5	16QAM	1	0	22.67	22.76	22.62	23.40
5		1	12	22.64	22.71	22.54	23.40
5		1	24	22.56	22.63	22.49	23.40
5		12	0	21.51	21.57	21.44	23.00
5		12	7	21.46	21.43	21.36	23.00
5		12	13	21.34	21.68	21.39	23.00
5		25	0	21.61	21.60	21.75	23.00
5	64QAM	1	0	21.56	21.62	21.68	23.00
5		1	12	21.49	21.75	21.48	23.00
5		1	24	21.58	21.57	21.48	23.00
5		12	0	20.71	20.59	20.46	22.00
5		12	7	20.40	20.68	20.47	22.00
5		12	13	20.39	20.56	20.68	22.00
5		25	0	20.56	20.67	20.55	22.00
5	256QAM	1	0	18.66	18.65	18.48	20.00
5		1	12	18.74	18.74	18.72	20.00
5		1	24	18.64	18.59	18.45	20.00
5		12	0	18.66	18.64	18.43	20.00
5		12	7	18.66	18.78	18.57	20.00
5		12	13	18.71	18.76	18.54	20.00
5		25	0	18.51	18.83	18.69	20.00
Channel				19950	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.05	23.12	23.13	23.40
3		1	8	23.29	23.20	22.92	23.40
3		1	14	22.95	23.25	23.13	23.40
3		8	0	22.24	22.63	22.43	23.40
3		8	4	22.32	22.54	22.52	23.40
3		8	7	22.38	22.62	22.61	23.40
3		15	0	22.68	22.55	22.61	23.40
3	16QAM	1	0	22.79	22.65	22.61	23.40
3		1	8	22.73	22.57	22.51	23.40
3		1	14	22.58	22.76	22.57	23.40
3		8	0	21.63	21.64	21.34	23.00
3		8	4	21.45	21.45	21.44	23.00
3		8	7	21.44	21.61	21.54	23.00
3		15	0	21.57	21.67	21.53	23.00
3	64QAM	1	0	21.68	21.71	21.61	23.00
3		1	8	21.46	21.73	21.50	23.00
3		1	14	21.40	21.69	21.53	23.00
3		8	0	20.58	20.59	20.50	22.00
3		8	4	20.52	20.51	20.55	22.00
3		8	7	20.46	20.69	20.55	22.00
3		15	0	20.55	20.58	20.49	22.00
3	256QAM	1	0	18.70	18.56	18.53	20.00
3		1	8	18.66	18.66	18.62	20.00
3		1	14	18.54	18.66	18.45	20.00
3		8	0	18.46	18.71	18.52	20.00
3		8	4	18.53	18.72	18.42	20.00
3		8	7	18.66	18.72	18.61	20.00
3		15	0	18.61	18.79	18.63	20.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.29	23.31	23.20	23.40
1.4		1	3	23.25	23.16	23.08	23.40
1.4		1	5	23.07	23.13	23.07	23.40
1.4		3	0	22.86	22.88	22.96	23.40
1.4		3	1	22.64	22.93	22.86	23.40
1.4		3	3	22.81	22.89	22.81	23.40
1.4		6	0	22.41	22.70	22.59	23.40
1.4	16QAM	1	0	22.56	22.96	22.60	23.40
1.4		1	3	22.82	23.10	22.76	23.40
1.4		1	5	22.76	23.02	23.07	23.40
1.4		3	0	21.96	21.94	21.72	23.40
1.4		3	1	21.75	22.04	21.84	23.40
1.4		3	3	21.80	21.78	22.02	23.40
1.4		6	0	21.59	21.75	21.71	23.00
1.4	64QAM	1	0	21.80	21.89	21.54	23.00
1.4		1	3	21.72	21.66	21.93	23.00
1.4		1	5	21.58	21.79	21.91	23.00
1.4		3	0	20.62	20.97	20.78	23.00
1.4		3	1	20.78	21.10	20.96	23.00
1.4		3	3	20.89	20.84	20.71	23.00
1.4		6	0	20.66	20.65	20.82	22.00
1.4	256QAM	1	0	18.65	18.84	18.92	20.00
1.4		1	3	18.75	18.61	18.71	20.00
1.4		1	5	18.49	18.96	18.55	20.00
1.4		3	0	18.44	18.62	18.73	20.00
1.4		3	1	18.40	18.45	18.48	20.00
1.4		3	3	18.45	18.86	18.68	20.00
1.4		6	0	18.50	18.60	18.53	20.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.66	22.96	22.95	23.40
20		1	49	22.63	22.93	22.78	23.40
20		1	99	22.71	22.91	22.75	23.40
20		50	0	21.87	21.94	21.72	23.00
20		50	24	21.58	21.92	21.85	23.00
20		50	50	21.79	21.94	21.77	23.00
20		100	0	21.81	21.94	21.86	23.00
20	16QAM	1	0	21.87	22.00	21.91	23.00
20		1	49	22.02	22.27	22.06	23.00
20		1	99	22.17	22.16	22.17	23.00
20		50	0	20.80	20.77	20.75	22.00
20		50	24	20.78	20.85	20.84	22.00
20		50	50	20.85	20.89	20.71	22.00
20		100	0	20.81	20.85	20.85	22.00
20	64QAM	1	0	20.80	20.98	20.92	22.00
20		1	49	20.80	20.97	20.84	22.00
20		1	99	20.87	21.11	20.89	22.00
20		50	0	19.81	19.93	19.69	21.00
20		50	24	19.69	19.81	19.73	21.00
20		50	50	19.73	19.88	19.86	21.00
20		100	0	19.58	19.92	19.71	21.00
20	256QAM	1	0	17.78	17.87	17.88	19.00
20		1	49	18.01	18.12	17.85	19.00
20		1	99	17.79	17.96	17.83	19.00
20		50	0	17.63	17.81	17.83	19.00
20		50	24	17.72	17.95	17.89	19.00
20		50	50	17.88	17.93	17.75	19.00
20		100	0	17.66	17.82	17.75	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.66	22.81	22.81	23.40
15		1	37	22.60	22.72	22.62	23.40
15		1	74	22.52	22.65	22.56	23.40
15		36	0	21.66	21.90	21.55	23.00
15		36	20	21.38	21.78	21.80	23.00
15		36	39	21.79	21.87	21.64	23.00
15		75	0	21.49	21.77	21.86	23.00
15	16QAM	1	0	21.89	22.00	21.78	23.00
15		1	37	22.02	22.22	22.06	23.00
15		1	74	22.11	22.00	21.96	23.00
15		36	0	20.70	20.63	20.59	22.00
15		36	20	20.69	20.86	20.86	22.00
15		36	39	20.65	20.70	20.53	22.00
15		75	0	20.78	20.78	20.82	22.00
15	64QAM	1	0	20.81	20.93	20.78	22.00
15		1	37	20.77	20.83	20.73	22.00
15		1	74	20.82	21.02	20.77	22.00
15		36	0	19.83	19.86	19.52	21.00
15		36	20	19.60	19.63	19.52	21.00
15		36	39	19.55	19.78	19.74	21.00
15		75	0	19.51	19.86	19.64	21.00
15	256QAM	1	0	17.61	17.76	17.80	19.00
15		1	37	17.97	18.06	17.71	19.00
15		1	74	17.71	17.87	17.63	19.00
15		36	0	17.48	17.73	17.65	19.00
15		36	20	17.52	17.91	17.85	19.00
15		36	39	17.79	17.83	17.76	19.00
15		75	0	17.56	17.83	17.72	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.45	22.96	22.81	23.40
10		1	25	22.49	22.76	22.73	23.40
10		1	49	22.58	22.74	22.76	23.40
10		25	0	21.81	21.85	21.68	23.00
10		25	12	21.55	21.74	21.83	23.00
10		25	25	21.64	21.73	21.61	23.00
10		50	0	21.45	21.78	21.74	23.00
10	16QAM	1	0	21.88	21.89	21.80	23.00
10		1	25	22.04	22.18	22.02	23.00
10		1	49	21.96	22.10	21.96	23.00
10		25	0	20.77	20.81	20.87	22.00
10		25	12	20.59	20.71	20.64	22.00
10		25	25	20.70	20.73	20.63	22.00
10		50	0	20.71	20.70	20.63	22.00
10	64QAM	1	0	20.68	20.77	20.76	22.00
10		1	25	20.68	20.75	20.86	22.00
10		1	49	20.74	21.07	20.79	22.00
10		25	0	19.67	19.78	19.64	21.00
10		25	12	19.56	19.81	19.62	21.00
10		25	25	19.58	19.69	19.75	21.00
10		50	0	19.57	19.82	19.63	21.00
10	256QAM	1	0	17.61	17.77	17.72	19.00
10		1	25	17.82	17.91	17.82	19.00
10		1	49	17.81	17.92	17.67	19.00
10		25	0	17.63	17.68	17.76	19.00
10		25	12	17.66	17.82	17.70	19.00
10		25	25	17.58	17.87	17.57	19.00
10		50	0	17.68	17.82	17.68	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.51	22.74	22.82	23.40
5		1	12	22.62	22.74	22.74	23.40
5		1	24	22.60	22.91	22.59	23.40
5		12	0	21.81	21.72	21.59	23.00
5		12	7	21.50	21.70	21.72	23.00
5		12	13	21.65	21.91	21.62	23.00
5		25	0	21.48	21.84	21.75	23.00
5	16QAM	1	0	21.84	22.00	21.89	23.00
5		1	12	21.93	22.25	21.85	23.00
5		1	24	22.03	22.02	22.14	23.00
5		12	0	20.78	20.62	20.54	22.00
5		12	7	20.66	20.78	20.84	22.00
5		12	13	20.78	20.71	20.59	22.00
5		25	0	20.75	20.78	20.67	22.00
5	64QAM	1	0	20.77	20.97	20.75	22.00
5		1	12	20.67	20.92	20.84	22.00
5		1	24	20.71	21.07	20.87	22.00
5		12	0	19.61	19.75	19.70	21.00
5		12	7	19.70	19.78	19.72	21.00
5		12	13	19.53	19.70	19.65	21.00
5		25	0	19.58	19.91	19.69	21.00
5	256QAM	1	0	17.61	17.80	17.82	19.00
5		1	12	17.99	18.08	17.83	19.00
5		1	24	17.66	17.80	17.64	19.00
5		12	0	17.48	17.71	17.80	19.00
5		12	7	17.54	17.78	17.80	19.00
5		12	13	17.78	17.79	17.73	19.00
5		25	0	17.60	17.63	17.69	19.00
Channel				131942	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.49	22.74	22.91	23.40
3		1	8	22.48	22.77	22.77	23.40
3		1	14	22.70	22.81	22.58	23.40
3		8	0	21.84	21.82	21.74	23.00
3		8	4	21.43	21.86	21.76	23.00
3		8	7	21.71	21.81	21.74	23.00
3		15	0	21.46	21.75	21.72	23.00
3	16QAM	1	0	21.84	21.85	21.69	23.00
3		1	8	21.91	22.19	21.89	23.00
3		1	14	22.09	22.00	22.15	23.00
3		8	0	20.63	20.77	20.69	22.00
3		8	4	20.57	20.80	20.80	22.00
3		8	7	20.75	20.79	20.60	22.00
3		15	0	20.61	20.63	20.84	22.00
3	64QAM	1	0	20.62	20.81	20.78	22.00
3		1	8	20.62	20.80	20.78	22.00
3		1	14	20.66	20.90	22.00	22.00
3		8	0	19.69	19.80	19.63	21.00
3		8	4	19.59	19.74	19.54	21.00
3		8	7	19.61	19.80	19.72	21.00
3		15	0	19.58	19.87	19.66	21.00
3	256QAM	1	0	17.74	17.89	17.70	19.00
3		1	8	18.01	17.91	17.84	19.00
3		1	14	17.80	17.89	17.85	19.00
3		8	0	17.65	17.82	17.63	19.00
3		8	4	17.65	17.86	17.70	19.00
3		8	7	17.74	17.85	17.60	19.00
3		15	0	17.50	17.67	17.71	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.68	22.67	22.73	23.40
1.4		1	3	22.72	22.79	22.63	23.40
1.4		1	5	22.54	22.60	22.76	23.40
1.4		3	0	21.91	22.02	21.84	23.40
1.4		3	1	21.82	21.90	21.90	23.40
1.4		3	3	21.93	22.00	21.94	23.40
1.4		6	0	21.62	21.76	21.78	23.00
1.4	16QAM	1	0	21.81	22.04	21.76	23.00
1.4		1	3	21.92	22.07	21.89	23.00
1.4		1	5	21.98	22.21	22.15	23.00
1.4		3	0	20.98	20.95	20.80	23.00
1.4		3	1	20.91	21.00	20.97	23.00
1.4		3	3	20.89	20.98	21.01	23.00
1.4		6	0	20.74	20.88	20.67	22.00
1.4	64QAM	1	0	20.80	20.96	20.66	22.00
1.4		1	3	20.84	20.95	20.91	22.00
1.4		1	5	20.84	21.00	21.00	22.00
1.4		3	0	19.93	19.98	19.81	22.00
1.4		3	1	19.90	20.02	19.93	22.00
1.4		3	3	19.90	19.86	19.87	22.00
1.4		6	0	19.66	19.78	19.77	21.00
1.4	256QAM	1	0	17.82	17.94	17.90	19.00
1.4		1	3	17.75	17.96	17.77	19.00
1.4		1	5	17.52	17.93	17.69	19.00
1.4		3	0	17.66	17.66	17.65	19.00
1.4		3	1	17.51	17.77	17.77	19.00
1.4		3	3	17.67	17.89	17.78	19.00
1.4		6	0	17.63	17.88	17.65	19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.28	23.29	23.11	23.40
20		1	49	23.13	23.14	23.03	23.40
20		1	99	23.09	23.16	23.02	23.40
20		50	0	22.54	22.78	22.75	23.40
20		50	24	22.44	22.60	22.70	23.40
20		50	50	22.65	22.76	22.62	23.40
20		100	0	22.85	22.81	22.87	23.40
20	16QAM	1	0	22.94	22.80	23.01	23.40
20		1	49	22.87	22.91	22.86	23.40
20		1	99	22.98	22.80	22.76	23.40
20		50	0	21.66	21.70	21.55	23.00
20		50	24	21.72	21.68	21.66	23.00
20		50	50	21.65	21.78	21.63	23.00
20		100	0	21.74	21.78	21.86	23.00
20	64QAM	1	0	21.87	21.94	21.97	23.00
20		1	49	21.63	21.89	21.57	23.00
20		1	99	21.61	21.79	21.85	23.00
20		50	0	20.83	20.89	20.72	22.00
20		50	24	20.71	20.72	20.68	22.00
20		50	50	20.62	20.83	20.88	22.00
20		100	0	20.82	20.84	20.83	22.00
20	256QAM	1	0	18.89	18.83	18.63	20.00
20		1	49	18.94	18.82	18.94	20.00
20		1	99	18.69	18.74	18.57	20.00
20		50	0	18.73	18.91	18.79	20.00
20		50	24	18.75	18.79	18.63	20.00
20		50	50	18.91	18.79	18.74	20.00
20		100	0	18.65	19.02	19.02	20.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.13	23.20	23.12	23.40
15		1	37	23.18	23.19	22.99	23.40
15		1	74	23.17	23.21	23.16	23.40
15		36	0	22.48	22.68	22.56	23.40
15		36	20	22.40	22.61	22.65	23.40
15		36	39	22.50	22.63	22.40	23.40
15		75	0	22.83	22.82	22.87	23.40
15	16QAM	1	0	22.74	22.73	22.90	23.40
15		1	37	22.75	22.82	22.68	23.40
15		1	74	22.91	22.67	22.65	23.40
15		36	0	21.44	21.52	21.42	23.00
15		36	20	21.71	21.52	21.57	23.00
15		36	39	21.45	21.67	21.63	23.00
15		75	0	21.62	21.70	21.70	23.00
15	64QAM	1	0	21.79	21.94	21.92	23.00
15		1	37	21.59	21.83	21.53	23.00
15		1	74	21.57	21.74	21.65	23.00
15		36	0	20.64	20.75	20.57	22.00
15		36	20	20.56	20.59	20.69	22.00
15		36	39	20.63	20.63	20.69	22.00
15		75	0	20.69	20.71	20.85	22.00
15	256QAM	1	0	18.73	18.79	18.46	20.00
15		1	37	18.84	18.74	18.94	20.00
15		1	74	18.67	18.68	18.54	20.00
15		36	0	18.62	18.83	18.78	20.00
15		36	20	18.59	18.72	18.47	20.00
15		36	39	18.74	18.71	18.73	20.00
15		75	0	18.46	18.82	19.02	20.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.12	23.28	23.18	23.40
10		1	25	23.15	23.27	22.92	23.40
10		1	49	22.97	23.12	23.10	23.40
10		25	0	22.35	22.68	22.63	23.40
10		25	12	22.26	22.56	22.58	23.40
10		25	25	22.65	22.75	22.55	23.40
10		50	0	22.81	22.60	22.81	23.40
10	16QAM	1	0	22.80	22.64	22.79	23.40
10		1	25	22.85	22.77	22.69	23.40
10		1	49	22.92	22.64	22.73	23.40
10		25	0	21.54	21.53	21.56	23.00
10		25	12	21.71	21.62	21.50	23.00
10		25	25	21.48	21.76	21.58	23.00
10		50	0	21.60	21.75	21.71	23.00
10	64QAM	1	0	21.72	21.79	21.94	23.00
10		1	25	21.57	21.78	21.45	23.00
10		1	49	21.42	21.74	21.68	23.00
10		25	0	20.84	20.87	20.58	22.00
10		25	12	20.59	20.72	20.56	22.00
10		25	25	20.42	20.76	20.70	22.00
10		50	0	20.84	20.78	20.66	22.00
10	256QAM	1	0	18.72	18.68	18.58	20.00
10		1	25	18.83	18.78	18.79	20.00
10		1	49	18.64	18.56	18.40	20.00
10		25	0	18.71	18.90	18.66	20.00
10		25	12	18.71	18.61	18.47	20.00
10		25	25	18.76	18.62	18.75	20.00
10		50	0	18.46	19.01	18.87	20.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.24	23.31	23.21	23.40
5		1	12	23.21	23.22	23.12	23.40
5		1	24	23.02	23.23	23.04	23.40
5		12	0	22.36	22.73	22.64	23.40
5		12	7	22.37	22.45	22.67	23.40
5		12	13	22.54	22.67	22.60	23.40
5		25	0	22.83	22.63	22.89	23.40
5	16QAM	1	0	22.93	22.68	22.90	23.40
5		1	12	22.71	22.74	22.79	23.40
5		1	24	22.91	22.69	22.67	23.40
5		12	0	21.48	21.64	21.54	23.00
5		12	7	21.51	21.49	21.65	23.00
5		12	13	21.61	21.67	21.42	23.00
5		25	0	21.56	21.58	21.87	23.00
5	64QAM	1	0	21.85	21.95	21.98	23.00
5		1	12	21.48	21.75	21.51	23.00
5		1	24	21.54	21.77	21.73	23.00
5		12	0	20.63	20.70	20.64	22.00
5		12	7	20.57	20.71	20.83	22.00
5		12	13	20.46	20.73	20.74	22.00
5		25	0	20.74	20.71	20.85	22.00
5	256QAM	1	0	18.78	18.82	18.52	20.00
5		1	12	18.86	18.64	18.90	20.00
5		1	24	18.58	18.53	18.43	20.00
5		12	0	18.55	18.79	18.74	20.00
5		12	7	18.62	18.58	18.54	20.00
5		12	13	18.76	18.74	18.72	20.00
5		25	0	18.58	18.83	19.04	20.00
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.15	23.24	23.25	23.40
3		1	8	23.11	23.17	22.91	23.40
3		1	14	23.01	23.11	23.14	23.40
3		8	0	22.39	22.59	22.67	23.40
3		8	4	22.28	22.60	22.57	23.40
3		8	7	22.47	22.76	22.56	23.40
3		15	0	22.74	22.70	22.67	23.40
3	16QAM	1	0	22.87	22.69	22.99	23.40
3		1	8	22.73	22.80	22.70	23.40
3		1	14	22.93	22.80	22.56	23.40
3		8	0	21.48	21.53	21.50	23.00
3		8	4	21.55	21.59	21.46	23.00
3		8	7	21.54	21.66	21.50	23.00
3		15	0	21.67	21.62	21.88	23.00
3	64QAM	1	0	21.79	21.92	21.90	23.00
3		1	8	21.49	21.69	21.38	23.00
3		1	14	21.56	21.72	21.75	23.00
3		8	0	20.76	20.77	20.51	22.00
3		8	4	20.54	20.63	20.68	22.00
3		8	7	20.52	20.66	20.69	22.00
3		15	0	20.67	20.82	20.63	22.00
3	256QAM	1	0	18.84	18.67	18.57	20.00
3		1	8	18.82	18.64	18.91	20.00
3		1	14	18.67	18.66	18.42	20.00
3		8	0	18.68	18.92	18.70	20.00
3		8	4	18.72	18.58	18.57	20.00
3		8	7	18.83	18.80	18.69	20.00
3		15	0	18.48	18.94	18.81	20.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.25	23.12	23.18	23.40
1.4		1	3	23.14	23.20	23.07	23.40
1.4		1	5	23.00	23.22	23.14	23.40
1.4		3	0	22.86	23.01	22.94	23.40
1.4		3	1	22.73	22.96	22.93	23.40
1.4		3	3	22.88	22.88	22.89	23.40
1.4		6	0	22.61	22.77	22.72	23.40
1.4	16QAM	1	0	22.71	22.96	22.69	23.40
1.4		1	3	22.99	23.14	22.88	23.40
1.4		1	5	22.89	23.23	23.10	23.40
1.4		3	0	22.04	22.06	21.91	23.40
1.4		3	1	21.92	22.11	21.88	23.40
1.4		3	3	21.80	21.96	22.02	23.40
1.4		6	0	21.70	21.93	21.70	23.00
1.4	64QAM	1	0	21.86	22.05	21.56	23.00
1.4		1	3	21.93	21.88	21.92	23.00
1.4		1	5	21.76	22.00	22.11	23.00
1.4		3	0	20.83	21.07	20.81	23.00
1.4		3	1	20.88	21.13	21.05	23.00
1.4		3	3	20.92	20.89	20.84	23.00
1.4		6	0	20.69	20.76	20.83	22.00
1.4	256QAM	1	0	18.81	18.83	19.01	20.00
1.4		1	3	18.83	18.88	18.89	20.00
1.4		1	5	18.55	18.99	18.60	20.00
1.4		3	0	18.59	18.68	18.71	20.00
1.4		3	1	18.49	18.66	18.70	20.00
1.4		3	3	18.60	18.91	18.85	20.00
1.4		6	0	18.59	18.82	18.68	20.00

<LTE Band 2_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20		1	0	22.13	22.22	22.11	22.60
20		1	49	21.92	22.07	22.06	22.60
20		1	99	22.04	22.19	22.11	22.60
20	QPSK	50	0	22.06	22.15	21.98	22.60
20		50	24	21.95	22.00	21.95	22.60
20		50	50	22.12	22.08	21.96	22.60
20		100	0	21.96	22.07	21.96	22.60
20		1	0	22.06	22.13	21.99	22.60
20		1	49	21.95	22.07	22.10	22.60
20		1	99	21.92	22.03	21.93	22.60
20	16QAM	50	0	21.16	21.24	21.18	22.00
20		50	24	21.12	21.18	21.02	22.00
20		50	50	21.42	21.40	21.20	22.00
20		100	0	21.11	21.24	21.08	22.00
20		1	0	21.31	21.29	21.23	22.00
20		1	49	21.25	21.38	21.34	22.00
20		1	99	21.47	21.67	21.54	22.00
20	64QAM	50	0	20.16	20.22	20.12	21.00
20		50	24	20.01	20.20	20.03	21.00
20		50	50	20.19	20.36	20.27	21.00
20		100	0	20.15	20.35	20.29	21.00
20		1	0	18.15	18.18	18.19	19.00
20		1	49	18.36	18.43	18.42	19.00
20		1	99	18.28	18.41	18.39	19.00
20	256QAM	50	0	18.10	18.14	18.10	19.00
20		50	24	18.16	18.19	18.18	19.00
20		50	50	18.23	18.32	18.23	19.00
20		100	0	18.00	18.18	18.18	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15		1	0	22.06	22.19	21.89	22.60
15		1	37	21.86	21.95	22.05	22.60
15		1	74	21.90	22.19	22.06	22.60
15	QPSK	36	0	21.86	22.05	21.82	22.60
15		36	20	21.87	21.98	21.95	22.60
15		36	39	21.90	21.89	21.90	22.60
15		75	0	21.81	21.96	21.79	22.60
15		1	0	21.06	22.00	21.99	22.60
15		1	37	21.77	22.02	21.99	22.60
15		1	74	21.74	21.93	21.78	22.60
15	16QAM	36	0	21.40	21.33	21.29	22.00
15		36	20	21.23	21.29	21.46	22.00
15		36	39	21.27	21.29	21.29	22.00
15		75	0	21.21	21.49	21.35	22.00
15		1	0	21.53	21.62	21.46	22.00
15		1	37	21.21	21.44	21.50	22.00
15		1	74	21.13	21.47	21.36	22.00
15	64QAM	36	0	20.43	20.54	20.26	21.00
15		36	20	20.28	20.38	20.28	21.00
15		36	39	20.38	20.39	20.30	21.00
15		75	0	20.27	20.47	20.15	21.00
15		1	0	18.16	18.24	18.25	19.00
15		1	37	18.21	18.34	18.03	19.00
15		1	74	18.06	18.32	17.98	19.00
15	256QAM	36	0	18.38	18.40	18.31	19.00
15		36	20	18.31	18.39	18.38	19.00
15		36	39	18.40	18.31	18.24	19.00
15		75	0	18.28	18.50	18.23	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10		1	0	21.95	22.17	22.02	22.60
10		1	25	21.70	21.94	22.05	22.60
10		1	49	21.93	22.17	22.11	22.60
10	QPSK	25	0	21.97	21.94	21.90	22.60
10		25	12	21.88	21.94	21.77	22.60
10		25	25	22.07	21.87	21.89	22.60
10		50	0	21.92	21.94	21.94	22.60
10		1	0	22.06	21.98	21.91	22.60
10		1	25	21.93	22.03	21.88	22.60
10		1	49	21.81	21.92	21.87	22.60
10	16QAM	25	0	21.19	21.48	21.25	22.00
10		25	12	21.25	21.25	21.45	22.00
10		25	25	21.30	21.27	21.45	22.00
10		50	0	21.27	21.37	21.41	22.00
10		1	0	21.49	21.52	21.60	22.00
10		1	25	21.28	21.44	21.52	22.00
10		1	49	21.26	21.39	21.52	22.00
10	64QAM	25	0	20.28	20.38	20.19	21.00
10		25	12	20.28	20.50	20.21	21.00
10		25	25	20.22	20.34	20.24	21.00
10		50	0	20.33	20.42	20.16	21.00
10		1	0	18.16	18.43	18.33	19.00
10		1	25	18.24	18.26	18.18	19.00
10		1	49	17.90	18.17	18.02	19.00
10	256QAM	25	0	18.50	18.49	18.15	19.00
10		25	12	18.28	18.47	18.25	19.00
10		25	25	18.30	18.30	18.28	19.00
10		50	0	18.41	18.31	18.21	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5		1	0	22.14	22.20	22.10	22.60
5		1	12	21.72	21.96	22.06	22.60
5		1	24	21.89	22.14	22.05	22.60
5	QPSK	12	0	21.89	22.03	21.88	22.60
5		12	7	21.82	21.99	21.92	22.60
5		12	13	21.97	22.04	21.76	22.60
5		25	0	21.77	21.92	21.80	22.60
5		1	0	22.04	22.10	21.90	22.60
5		1	12	21.89	21.93	22.04	22.60
5		1	24	21.74	22.01	21.71	22.60
5	16QAM	12	0	21.41	21.47	21.36	22.00
5		12	7	21.13	21.26	21.43	22.00
5		12	13	21.22	21.30	21.33	22.00
5		25	0	21.30	21.37	21.34	22.00
5		1	0	21.52	21.63	21.44	22.00
5		1	12	21.36	21.49	21.38	22.00
5		1	24	21.13	21.54	21.35	22.00
5	64QAM	12	0	20.37	20.51	20.24	21.00
5		12	7	20.44	20.47	20.33	21.00
5		12	13	20.30	20.44	20.22	21.00
5		25	0	20.48	20.46	20.29	21.00
5		1	0	18.26	18.31	18.38	19.00
5		1	12	18.24	18.19	18.19	19.00
5		1	24	18.00	18.30	18.08	19.00
5	256QAM	12	0	18.46	18.53	18.26	19.00
5		12	7	18.25	18.32	18.18	19.00
5		12	13	18.32	18.43	18.29	19.00
5		25	0	18.45	18.31	18.30	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3		1	0	22.12	22.16	22.09	22.60
3		1	8	21.71	21.91	22.05	22.60
3		1	14	21.88	22.10	21.94	22.60
3	QPSK	8	0	22.00	22.12	21.95	22.60
3		8	4	21.89	21.83	21.96	22.60
3		8	7	21.97	21.93	21.93	22.60
3		15	0	21.89	21.87	21.95	22.60
3		1	0	22.04	22.15	21.93	22.60
3		1	8	21.77	22.01	21.93	22.60
3		1	14	21.84	22.00	21.84	22.60
3	16QAM	8	0	21.20	21.36	21.27	22.00
3		8	4	21.31	21.46	21.28	22.00
3		8	7	21.27	21.36	21.28	22.00
3		15	0	21.40	21.32	21.47	22.00
3		1	0	21.34	21.56	21.65	22.00
3		1	8	21.41	21.41	21.48	22.00
3		1	14	21.27	21.41	21.53	22.00
3	64QAM	8	0	20.40	20.45	20.29	21.00
3		8	4	20.39	20.33	20.26	21.00
3		8	7	20.24	20.37	20.14	21.00
3		15	0	20.39	20.51	20.18	21.00
3		1	0	18.30	18.44	18.34	19.00
3		1	8	18.41	18.21	18.05	19.00
3		1	14	18.01	18.24	18.16	19.00
3	256QAM	8	0	18.47	18.38	18.11	19.00
3		8	4	18.32	18.33	18.36	19.00
3		8	7	18.21	18.44	18.35	19.00
3		15	0	18.51	18.28	18.35	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4		1	0	22.14	22.23	21.99	22.60
1.4		1	3	21.71	21.86	21.87	22.60
1.4		1	5	21.93	22.04	21.93	22.60
1.4	QPSK	3	0	22.01	22.13	21.96	22.60
1.4		3	1	21.81	21.84	21.93	22.60
1.4		3	3	21.95	22.04	21.92	22.60
1.4		6	0	21.91	21.98	21.83	22.60
1.4		1	0	22.07	21.96	21.79	22.60
1.4		1	3	21.94	21.91	21.95	22.60
1.4		1	5	21.72	22.03	21.71	22.60
1.4	16QAM	3	0	22.08	22.03	21.95	22.60
1.4		3	1	22.00	21.99	22.04	22.60
1.4		3	3	21.96	21.98	22.00	22.60
1.4		6	0	21.25	21.49	21.33	22.00
1.4		1	0	21.42	21.55	21.45	22.00
1.4		1	3	21.27	21.46	21.35	22.00
1.4		1	5	21.15	21.45	21.35	22.00
1.4	64QAM	3	0	21.30	21.45	21.25	22.00
1.4		3	1	21.18	21.37	21.24	22.00
1.4		3	3	21.14	21.32	21.32	22.00
1.4		6	0	20.45	20.30	20.29	21.00
1.4		1	0	18.29	18.35	18.19	19.00
1.4		1	3	18.26	18.26	18.19	19.00
1.4		1	5	17.96	18.30	17.99	19.00
1.4	256QAM	3	0	18.39	18.42	18.26	19.00
1.4		3	1	18.16	18.30	18.18	19.00
1.4		3	3	18.28	18.40	18.20	19.00
1.4		6	0	18.42	18.46	18.27	19.00

<LTE Band 4_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20		1	0	21.54	21.58	21.52	21.80
20		1	49	21.27	21.35	20.93	21.80
20		1	99	21.46	21.35	21.01	21.80
20	QPSK	50	0	21.39	21.52	20.96	21.80
20		50	24	21.30	21.54	21.01	21.80
20		50	50	21.34	21.29	20.89	21.80
20		100	0	21.43	21.28	21.02	21.80
20		1	0	21.40	21.46	21.02	21.80
20		1	49	21.32	21.41	21.06	21.80
20		1	99	21.35	21.43	20.86	21.80
20	16QAM	50	0	20.99	21.08	20.98	21.80
20		50	24	21.22	21.23	21.01	21.80
20		50	50	21.23	21.23	21.15	21.80
20		100	0	21.18	21.20	21.06	21.80
20		1	0	21.24	21.25	21.13	21.80
20		1	49	21.43	21.52	21.44	21.80
20		1	99	21.41	21.60	21.52	21.80
20	64QAM	50	0	20.20	20.21	20.16	21.00
20		50	24	20.15	20.32	20.22	21.00
20		50	50	20.08	20.25	20.06	21.00
20		100	0	20.16	20.20	20.09	21.00
20		1	0	18.00	18.15	18.02	19.00
20		1	49	18.25	18.30	18.15	19.00
20		1	99	18.19	18.40	18.21	19.00
20	256QAM	50	0	17.93	18.10	17.90	19.00
20		50	24	18.22	18.21	18.13	19.00
20		50	50	18.22	18.25	18.12	19.00
20		100	0	18.23	18.22	18.13	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15		1	0	21.47	21.52	21.45	21.80
15		1	37	21.19	21.32	21.10	21.80
15		1	74	21.40	21.29	20.87	21.80
15	QPSK	36	0	21.44	21.38	20.96	21.80
15		36	20	21.33	21.39	20.89	21.80
15		36	39	21.40	21.37	21.00	21.80
15		75	0	21.48	21.35	20.97	21.80
15		1	0	21.58	21.40	20.95	21.80
15		1	37	21.32	21.47	20.97	21.80
15		1	74	21.43	21.51	20.79	21.80
15	16QAM	36	0	20.80	20.96	20.98	21.80
15		36	20	21.01	21.13	20.80	21.80
15		36	39	21.18	21.23	21.04	21.80
15		75	0	21.14	21.04	21.06	21.80
15		1	0	21.04	21.12	21.03	21.80
15		1	37	21.32	21.32	21.27	21.80
15		1	74	21.34	21.07	21.02	21.80
15	64QAM	36	0	20.21	20.19	20.00	21.00
15		36	20	19.94	20.14	20.23	21.00
15		36	39	20.05	20.20	20.01	21.00
15		75	0	19.98	20.04	20.01	21.00
15		1	0	17.97	18.13	17.86	19.00
15		1	37	18.06	18.10	18.04	19.00
15		1	74	18.14	18.33	18.13	19.00
15	256QAM	36	0	17.75	17.94	17.81	19.00
15		36	20	18.01	18.22	18.13	19.00
15		36	39	18.20	18.20	17.99	19.00
15		75	0	18.14	18.03	18.08	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10		1	0	21.53	21.60	21.33	21.80
10		1	25	21.29	21.49	20.92	21.80
10		1	49	21.31	21.45	20.92	21.80
10	QPSK	25	0	21.51	21.51	20.96	21.80
10		25	12	21.30	21.35	20.87	21.80
10		25	25	21.53	21.38	21.00	21.80
10		50	0	21.28	21.31	21.01	21.80
10		1	0	21.38	21.43	20.98	21.80
10		1	25	21.34	21.39	20.96	21.80
10		1	49	21.29	21.43	20.88	21.80
10	16QAM	25	0	21.00	20.95	21.00	21.80
10		25	12	21.12	21.22	20.87	21.80
10		25	25	21.12	21.05	20.95	21.80
10		50	0	21.11	21.13	20.90	21.80
10		1	0	21.26	21.06	21.05	21.80
10		1	25	21.32	21.47	21.36	21.80
10		1	49	21.32	21.51	21.33	21.80
10	64QAM	25	0	20.07	20.23	20.01	21.00
10		25	12	20.05	20.15	20.23	21.00
10		25	25	19.93	20.14	19.89	21.00
10		50	0	20.08	19.99	20.04	21.00
10		1	0	17.81	18.10	17.80	19.00
10		1	25	18.22	18.10	18.05	19.00
10		1	49	18.04	18.27	18.04	19.00
10	256QAM	25	0	17.91	17.89	17.74	19.00
10		25	12	18.03	18.04	18.04	19.00
10		25	25	18.12	18.20	17.99	19.00
10		50	0	18.23	18.09	18.12	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5		1	0	21.48	21.53	21.32	21.80
5		1	12	21.42	21.39	20.94	21.80
5		1	24	21.47	21.42	20.79	21.80
5	QPSK	12	0	21.45	21.45	20.94	21.80
5		12	7	21.29	21.48	21.02	21.80
5		12	13	21.42	21.21	21.07	21.80
5		25	0	21.48	21.28	20.86	21.80
5		1	0	21.46	21.35	20.97	21.80
5		1	12	21.38	21.39	20.94	21.80
5		1	24	21.29	21.45	20.93	21.80
5	16QAM	12	0	20.83	21.04	20.82	21.80
5		12	7	21.04	21.10	20.84	21.80
5		12	13	21.11	21.10	21.10	21.80
5		25	0	21.17	21.13	20.95	21.80
5		1	0	21.15	21.12	21.00	21.80
5		1	12	21.37	21.47	21.44	21.80
5		1	24	21.38	21.51	21.52	21.80
5	64QAM	12	0	20.08	20.04	20.15	21.00
5		12	7	20.16	20.22	20.11	21.00
5		12	13	19.92	20.10	19.88	21.00
5		25	0	20.12	20.06	20.11	21.00
5		1	0	17.86	17.95	17.86	19.00
5		1	12	18.08	18.16	18.01	19.00
5		1	24	18.13	18.38	18.12	19.00
5	256QAM	12	0	17.75	18.05	17.81	19.00
5		12	7	18.11	18.02	17.94	19.00
5		12	13	18.03	18.21	18.09	19.00
5		25	0	18.17	18.11	18.03	19.00
Channel				19925	20175	20425	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3		1	0	21.37	21.43	21.33	21.80
3		1	8	21.30	21.35	21.13	21.80
3		1	14	21.47	21.43	20.94	21.80
3	QPSK	8	0	21.43	21.42	20.92	21.80
3		8	4	21.33	21.50	20.94	21.80
3		8	7	21.32	21.29	20.93	21.80
3		15	0	21.40	21.34	20.98	21.80
3		1	0	21.36	21.35	21.10	21.80
3		1	8	21.34	21.38	21.05	21.80
3		1	14	21.40	21.42	20.86	21.80
3	16QAM	8	0	20.96	21.05	20.77	21.80
3		8	4	21.03	21.22	20.83	21.80
3		8	7	21.03	21.11	21.05	21.80
3		15	0	21.05	21.14	21.05	21.80
3		1	0	21.19	21.09	21.09	21.80
3		1	8	21.33	21.51	21.25	21.80
3		1	14	21.43	21.42	21.38	21.80
3	64QAM	8	0	19.99	20.06	20.16	21.00
3		8	4	19.99	20.32	20.04	21.00
3		8	7	20.00	20.05	19.98	21.00
3		15	0	19.98	20.08	20.07	21.00
3		1	0	17.78	17.95	17.87	19.00
3		1	8	18.13	18.25	18.16	19.00
3		1	14	18.03	18.26	18.05	19.00
3	256QAM	8	0	17.86	18.04	17.89	19.00
3		8	4	18.18	18.21	18.11	19.00
3		8	7	18.07	18.03	17.92	19.00
3		15	0	18.16	18.24	18.15	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4		1	0	21.52	21.51	21.32	21.80
1.4		1	3	21.27	21.51	21.03	21.80
1.4		1	5	21.29	21.34	20.93	21.80
1.4	QPSK	3	0	21.45	21.48	21.36	21.80
1.4		3	1	21.31	21.52	20.99	21.80
1.4		3	3	21.49	21.48	20.97	21.80
1.4		6	0	21.48	21.39	20.77	21.80
1.4		1	0	21.41	21.46	20.96	21.80
1.4		1	3	21.31	21.22	21.06	21.80
1.4		1	5	21.51	21.45	21.05	21.80
1.4	16QAM	3	0	21.50	21.34	20.97	21.80
1.4		3	1	21.19	21.47	20.96	21.80
1.4		3	3	21.29	21.39	20.83	21.80
1.4		6	0	20.60	20.69	20.52	21.80
1.4		1	0	20.45	20.86	20.42	21.80
1.4		1	3	20.76	21.16	20.94	21.80
1.4		1	5	20.90	21.16	20.86	21.80
1.4	64QAM	3	0	19.92	20.06	20.12	21.80
1.4		3	1	19.98	20.08	19.89	21.80
1.4		3	3	20.00	20.12	19.96	21.80
1.4		6	0	19.36	19.77	19.65	21.00
1.4		1	0	17.39	17.73	17.46	19.00
1.4		1	3	17.70	18.10	17.86	19.00
1.4		1	5	17.81	18.19	17.71	19.00
1.4	256QAM	3	0	17.37	17.74	17.37	19.00
1.4		3	1	17.55	17.66	17.60	19.00
1.4		3	3	17.56	17.89	17.61	19.00
1.4		6	0	17.49	17.68	17.60	19.00

<LTE Band 66_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.58	21.62	21.50	21.80
20		1	49	21.40	21.53	21.13	21.80
20		1	99	21.49	21.46	21.00	21.80
20		50	0	21.55	21.57	20.97	21.80
20		50	24	21.40	21.56	21.04	21.80
20		50	50	21.53	21.41	21.06	21.80
20		100	0	21.50	21.46	21.05	21.80
20	16QAM	1	0	21.57	21.56	21.10	21.80
20		1	49	21.39	21.53	21.08	21.80
20		1	99	21.49	21.56	20.94	21.80
20		50	0	21.16	21.24	21.18	21.80
20		50	24	21.12	21.18	21.02	21.80
20		50	50	21.42	21.40	21.20	21.80
20		100	0	21.11	21.24	21.08	21.80
20	64QAM	1	0	21.31	21.29	21.23	21.80
20		1	49	21.25	21.38	21.34	21.80
20		1	99	21.47	21.67	21.54	21.80
20		50	0	20.16	20.22	20.12	21.00
20		50	24	20.01	20.20	20.03	21.00
20		50	50	20.19	20.36	20.27	21.00
20		100	0	20.15	20.36	20.29	21.00
20	256QAM	1	0	18.15	18.18	18.19	19.00
20		1	49	18.36	18.43	18.42	19.00
20		1	99	18.28	18.41	18.39	19.00
20		50	0	18.10	18.14	18.10	19.00
20		50	24	18.16	18.19	18.18	19.00
20		50	50	18.23	18.32	18.23	19.00
20		100	0	18.00	18.18	18.18	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	21.49	21.44	21.31	21.80
15		1	37	21.19	21.44	21.04	21.80
15		1	74	21.41	21.34	20.99	21.80
15		36	0	21.50	21.54	20.96	21.80
15		36	20	21.41	21.51	20.87	21.80
15		36	39	21.45	21.25	21.05	21.80
15		75	0	21.29	21.35	21.01	21.80
15	16QAM	1	0	21.54	21.44	21.04	21.80
15		1	37	21.34	21.52	20.96	21.80
15		1	74	21.44	21.41	20.74	21.80
15		36	0	21.02	21.10	21.15	21.80
15		36	20	20.97	21.11	21.01	21.80
15		36	39	21.37	21.34	21.02	21.80
15		75	0	21.10	21.07	20.96	21.80
15	64QAM	1	0	21.31	21.22	21.14	21.80
15		1	37	21.03	21.17	21.26	21.80
15		1	74	21.38	21.52	21.44	21.80
15		36	0	20.07	20.13	20.00	21.00
15		36	20	19.97	19.98	19.95	21.00
15		36	39	20.09	20.25	20.14	21.00
15		75	0	20.11	20.35	20.29	21.00
15	256QAM	1	0	18.16	18.18	18.02	19.00
15		1	37	18.17	18.25	18.39	19.00
15		1	74	18.16	18.29	18.29	19.00
15		36	0	17.95	18.06	18.03	19.00
15		36	20	18.01	18.05	17.97	19.00
15		36	39	18.02	18.14	18.13	19.00
15		75	0	17.81	18.07	18.05	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	21.38	21.57	21.30	21.80
10		1	25	21.20	21.48	21.03	21.80
10		1	49	21.47	21.28	20.94	21.80
10		25	0	21.55	21.57	20.90	21.80
10		25	12	21.25	21.40	20.88	21.80
10		25	25	21.42	21.39	21.07	21.80
10		50	0	21.35	21.35	20.89	21.80
10	16QAM	1	0	21.47	21.50	21.01	21.80
10		1	25	21.27	21.34	21.02	21.80
10		1	49	21.45	21.56	20.85	21.80
10		25	0	21.05	21.15	21.03	21.80
10		25	12	21.00	21.10	20.89	21.80
10		25	25	21.44	21.32	20.99	21.80
10		50	0	21.12	21.25	21.06	21.80
10	64QAM	1	0	21.14	21.09	21.06	21.80
10		1	25	21.17	21.29	21.31	21.80
10		1	49	21.48	21.66	21.38	21.80
10		25	0	20.08	20.14	20.11	21.00
10		25	12	19.97	20.14	19.84	21.00
10		25	25	20.10	20.34	20.07	21.00
10		50	0	20.00	20.15	20.24	21.00
10	256QAM	1	0	17.97	18.19	18.19	19.00
10		1	25	18.36	18.36	18.21	19.00
10		1	49	18.28	18.24	18.37	19.00
10		25	0	18.00	17.95	18.06	19.00
10		25	12	18.16	18.07	17.96	19.00
10		25	25	18.24	18.18	18.22	19.00
10		50	0	18.00	18.06	18.04	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	21.39	21.47	21.40	21.80
5		1	12	21.22	21.33	21.01	21.80
5		1	24	21.33	21.24	20.81	21.80
5		12	0	21.37	21.51	20.81	21.80
5		12	7	21.24	21.51	21.01	21.80
5		12	13	21.43	21.42	20.85	21.80
5		25	0	21.31	21.47	20.92	21.80
5	16QAM	1	0	21.44	21.49	21.11	21.80
5		1	12	21.28	21.32	20.91	21.80
5		1	24	21.40	21.53	20.85	21.80
5		12	0	21.07	21.17	21.08	21.80
5		12	7	21.00	20.97	20.80	21.80
5		12	13	21.25	21.29	21.02	21.80
5		25	0	21.02	21.25	21.04	21.80
5	64QAM	1	0	21.15	21.12	21.15	21.80
5		1	12	21.20	21.37	21.30	21.80
5		1	24	21.27	21.65	21.32	21.80
5		12	0	20.16	20.04	20.06	21.00
5		12	7	19.96	20.04	19.96	21.00
5		12	13	20.11	20.20	20.18	21.00
5		25	0	20.07	20.33	20.27	21.00
5	256QAM	1	0	18.11	17.97	18.07	19.00
5		1	12	18.24	18.45	18.43	19.00
5		1	24	18.26	18.22	18.31	19.00
5		12	0	17.88	18.15	17.89	19.00
5		12	7	18.11	18.03	17.98	19.00
5		12	13	18.11	18.15	18.13	19.00
5		25	0	18.01	18.06	18.11	19.00
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	21.42	21.57	21.50	21.80
3		1	8	21.35	21.51	21.00	21.80
3		1	14	21.44	21.32	20.81	21.80
3		8	0	21.34	21.42	20.84	21.80
3		8	4	21.35	21.47	21.05	21.80
3		8	7	21.38	21.29	21.02	21.80
3		15	0	21.51	21.33	20.93	21.80
3	16QAM	1	0	21.44	21.55	20.92	21.80
3		1	8	21.31	21.34	20.99	21.80
3		1	14	21.48	21.50	20.90	21.80
3		8	0	20.99	21.22	21.09	21.80
3		8	4	20.97	21.08	20.91	21.80
3		8	7	21.25	21.41	21.17	21.80
3		15	0	20.94	21.14	20.89	21.80
3	64QAM	1	0	21.16	21.27	21.14	21.80
3		1	8	21.22	21.34	21.31	21.80
3		1	14	21.40	21.66	21.45	21.80
3		8	0	20.14	20.12	19.91	21.00
3		8	4	19.93	20.12	19.83	21.00
3		8	7	20.11	20.16	20.11	21.00
3		15	0	20.12	20.30	20.15	21.00
3	256QAM	1	0	17.95	18.16	18.21	19.00
3		1	8	18.19	18.36	18.42	19.00
3		1	14	18.22	18.33	18.17	19.00
3		8	0	18.09	17.98	18.09	19.00
3		8	4	18.10	18.18	18.19	19.00
3		8	7	18.06	18.15	18.17	19.00
3		15	0	18.02	18.11	18.14	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	21.37	21.46	21.30	21.80
1.4		1	3	21.23	21.36	20.95	21.80
1.4		1	5	21.40	21.27	20.91	21.80
1.4		3	0	21.49	21.38	20.85	21.80
1.4		3	1	21.30	21.47	20.97	21.80
1.4		3	3	21.37	21.32	20.95	21.80
1.4		6	0	21.44	21.31	20.98	21.80
1.4	16QAM	1	0	21.47	21.52	21.09	21.80
1.4		1	3	21.21	21.39	20.98	21.80
1.4		1	5	21.29	21.43	20.86	21.80
1.4		3	0	21.40	21.56	21.38	21.80
1.4		3	1	21.25	21.38	21.13	21.80
1.4		3	3	21.44	21.29	20.78	21.80
1.4		6	0	21.13	21.31	21.05	21.80
1.4	64QAM	1	0	20.97	21.10	21.03	21.80
1.4		1	3	21.13	21.31	21.08	21.80
1.4		1	5	21.15	21.52	21.13	21.80
1.4		3	0	20.96	21.10	21.01	21.80
1.4		3	1	21.06	21.03	21.01	21.80
1.4		3	3	21.12	20.88	20.93	21.80
1.4		6	0	19.91	20.10	20.10	21.00
1.4	256QAM	1	0	17.92	18.07	17.91	19.00
1.4		1	3	18.01	18.22	18.00	19.00
1.4		1	5	18.11	18.28	17.96	19.00
1.4		3	0	17.96	18.18	17.93	19.00
1.4		3	1	17.90	18.11	18.00	19.00
1.4		3	3	18.13	18.33	17.88	19.00
1.4		6	0	18.12	18.36	18.07	19.00

<FR1 n2_Ant 0_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	22.76	22.95	22.92	24.00
40		1	108	22.70	22.75	22.89	24.00
40		1	214	22.64	22.82	22.76	24.00
40	PI/2 BPSK	108	0	22.21	22.45	22.10	23.50
40		108	54	22.60	22.75	22.77	24.00
40		108	108	22.25	22.49	22.15	23.50
40		216	0	22.14	22.39	22.27	23.50
40		1	1	22.53	22.94	22.64	24.00
40		1	108	22.73	22.70	22.57	24.00
40		1	214	22.70	22.92	22.53	24.00
40	QPSK	108	0	21.78	21.85	21.82	23.00
40		108	54	22.80	22.82	22.64	24.00
40		108	108	21.80	21.84	21.69	23.00
40		216	0	21.56	21.91	21.56	23.00
40	16QAM	1	1	21.79	22.12	21.60	23.00
40	64QAM	1	1	19.95	20.11	20.08	21.50
40	256QAM	1	1	17.92	18.05	17.90	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	22.69	22.85	22.74	24.00
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	22.67	22.85	22.94	24.00
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	22.67	22.81	22.73	24.00
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.71	22.78	22.76	24.00
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.72	22.83	22.73	24.00
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.65	22.73	22.81	24.00
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.58	22.90	22.88	24.00

<FR1 n25_Ant 0_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	22.81	22.96	22.88	24.00
40		1	108	22.72	22.90	22.86	24.00
40		1	214	22.84	22.82	22.76	24.00
40	PI/2 BPSK	108	0	22.41	22.40	22.18	23.50
40		108	54	22.75	22.90	22.73	24.00
40		108	108	22.34	22.41	22.34	23.50
40		216	0	22.23	22.39	22.30	23.50
40		1	1	22.77	22.80	22.58	24.00
40		1	108	22.76	22.91	22.73	24.00
40		1	214	22.70	22.80	22.63	24.00
40	QPSK	108	0	22.81	22.88	22.74	23.00
40		108	54	22.77	22.87	22.71	24.00
40		108	108	21.72	21.90	21.76	23.00
40		216	0	21.87	21.88	21.70	23.00
40	16QAM	1	1	21.84	21.98	21.86	23.00
40	64QAM	1	1	20.15	20.15	20.04	21.50
40	256QAM	1	1	17.96	18.10	17.91	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	22.74	22.86	22.84	24.00
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.63	22.91	22.69	24.00
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.71	22.87	22.88	24.00
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.76	22.81	22.81	24.00
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.64	22.82	22.72	24.00
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.77	22.95	22.84	24.00
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.63	22.75	22.86	24.00

<FR1 n66_Ant 0_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45		1	1	22.80	23.00	22.84	24.00
45		1	120	22.99	22.97	22.80	24.00
45		1	240	22.67	22.87	22.74	24.00
45	Pi/2 BPSK	120	0	22.21	22.40	22.24	23.50
45		120	60	22.74	22.94	22.84	24.00
45		120	120	22.25	22.42	22.38	23.50
45		240	0	22.34	22.36	22.20	23.50
45		1	1	22.61	22.80	22.80	24.00
45		1	120	23.00	22.99	22.93	24.00
45		1	240	22.77	22.89	22.82	24.00
45	QPSK	120	0	21.94	21.91	21.72	23.00
45		120	60	22.77	22.95	22.85	24.00
45		120	120	21.91	21.96	21.83	23.00
45		240	0	21.83	21.85	21.67	23.00
45	16QAM	1	1	21.85	21.91	21.82	23.00
45	64QAM	1	1	19.97	20.06	20.03	21.50
45	256QAM	1	1	17.90	18.09	17.93	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	Pi/2 BPSK	1	1	22.73	22.86	22.77	24.00
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	Pi/2 BPSK	1	1	22.81	23.01	22.75	24.00
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	Pi/2 BPSK	1	1	22.81	22.80	22.64	24.00
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	Pi/2 BPSK	1	1	22.75	22.58	22.70	24.00
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	Pi/2 BPSK	1	1	22.60	22.98	22.73	24.00
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	Pi/2 BPSK	1	1	22.66	22.92	22.84	24.00
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	Pi/2 BPSK	1	1	22.65	22.93	22.68	24.00
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	Pi/2 BPSK	1	1	22.78	22.93	22.67	24.00

<FR1 n2_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	21.29	21.33	21.31	21.80
40		1	108	20.98	21.21	20.93	21.80
40		1	214	21.06	21.24	20.90	21.80
40	PI/2 BPSK	108	0	20.86	21.03	20.81	21.80
40		108	54	21.27	21.31	21.26	21.80
40		108	108	20.84	21.03	20.79	21.80
40		216	0	21.21	21.28	21.08	21.80
40		1	1	20.88	21.04	20.91	21.80
40		1	108	20.75	21.02	20.99	21.80
40		1	214	20.99	21.17	21.02	21.80
40	QPSK	108	0	20.88	20.94	20.78	21.80
40		108	54	20.83	21.01	20.96	21.80
40		108	108	20.76	20.91	20.80	21.80
40		216	0	20.88	21.16	20.83	21.80
40	16QAM	1	1	21.10	21.20	20.92	21.80
40	64QAM	1	1	19.93	20.06	19.90	21.50
40	256QAM	1	1	17.94	18.00	17.78	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	21.23	21.29	21.29	21.80
Channel				372000	376000	379900	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	21.18	21.25	21.18	21.80
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	21.14	21.25	21.18	21.80
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.25	21.31	21.18	21.80
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.21	21.24	21.25	21.80
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.15	21.31	21.18	21.80
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.18	21.22	21.25	21.80

<FR1 n25_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	21.31	21.37	21.30	21.80
40		1	108	21.10	21.27	21.10	21.80
40		1	214	21.12	21.25	21.09	21.80
40	PI/2 BPSK	108	0	20.92	21.09	20.88	21.80
40		108	54	21.29	21.35	21.28	21.80
40		108	108	20.96	21.10	20.96	21.80
40		216	0	21.25	21.33	21.23	21.80
40		1	1	21.00	21.10	20.94	21.80
40		1	108	20.90	21.08	20.99	21.80
40		1	214	21.08	21.24	21.12	21.80
40	QPSK	108	0	20.98	21.11	20.91	21.80
40		108	54	21.02	21.13	21.02	21.80
40		108	108	20.95	21.11	20.98	21.80
40		216	0	21.02	21.18	21.02	21.80
40	16QAM	1	1	21.17	21.26	21.09	21.80
40	64QAM	1	1	19.98	20.17	20.00	21.50
40	256QAM	1	1	18.05	18.13	17.97	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	21.26	21.24	21.23	21.80
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.25	21.26	21.29	21.80
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.16	21.28	21.23	21.80
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.23	21.28	21.26	21.80
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.27	21.29	21.16	21.80
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.23	21.33	21.25	21.80
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.18	21.30	21.29	21.80

<FR1 n66_Ant 4_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	21.09	21.11	21.03	22.10
45		1	120	21.52	21.58	21.49	22.10
45		1	240	21.45	21.46	21.39	22.10
45		120	0	21.27	21.38	21.17	22.10
45		120	60	21.49	21.54	21.47	22.10
45		120	120	21.23	21.36	21.20	22.10
45		240	0	21.38	21.51	21.38	22.10
45	QPSK	1	1	21.20	21.34	21.14	22.10
45		1	120	21.44	21.51	21.37	22.10
45		1	240	21.33	21.37	21.19	22.10
45		120	0	21.35	21.42	21.23	22.10
45		120	60	21.35	21.39	21.28	22.10
45		120	120	21.30	21.42	21.21	22.10
45		240	0	21.31	21.38	21.25	22.10
45	16QAM	1	1	21.28	21.40	21.27	22.10
45	64QAM	1	1	19.60	19.61	19.53	21.50
45	256QAM	1	1	17.62	17.58	17.58	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	21.01	20.99	20.98	22.10
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	20.99	21.00	20.94	22.10
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	21.00	21.01	20.97	22.10
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	21.05	21.07	21.00	22.10
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	21.07	21.04	20.89	22.10
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	21.03	21.00	20.90	22.10
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.99	20.97	20.96	22.10
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	21.06	21.07	20.93	22.10

<FR1 n77 (27Q)_Ant 1_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.21		24.00
100		1	137		23.18		24.00
100		1	271		23.15		24.00
100		135	0		22.98		24.00
100		135	69		23.18		24.00
100		135	138		23.16		24.00
100		270	0		23.04		24.00
100	QPSK	1	1		22.93		24.00
100		1	137		23.12		24.00
100		1	271		23.12		24.00
100		135	0		22.96		24.00
100		135	69		23.05		24.00
100		135	138		23.11		24.00
100		270	0		23.04		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		21.18		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.79	22.80	22.85	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.95	22.92	22.90	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.94	22.79	22.93	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.95	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.86	22.95	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.92	22.86	22.79	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.81	22.93	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.88	22.83	22.93	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.85	22.86	22.87	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.80	22.95	22.74	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.74	22.91	24.00

<FR1 n77 (27Q)_HPUE_Ant 1_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		26.16		27.00
100		1	137		25.97		27.00
100		1	271		26.11		27.00
100		135	0		25.57		27.00
100		135	69		26.11		27.00
100		135	138		25.69		27.00
100		270	0		25.64		27.00
100	QPSK	1	1		25.89		27.00
100		1	137		26.08		27.00
100		1	271		26.03		27.00
100		135	0		25.10		27.00
100		135	69		26.15		27.00
100		135	138		25.22		27.00
100		270	0		25.12		27.00
100	16QAM	1	1		25.11		27.00
100	64QAM	1	1		23.28		25.00
100	256QAM	1	1		21.85		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.92	25.89	25.83	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.82	25.87	25.79	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.93	25.95	25.91	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.92	25.77	25.84	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.91	25.91	25.85	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.95	25.80	25.93	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.81	25.81	25.83	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.79	25.90	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.89	25.87	25.78	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.87	25.80	25.86	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.88	25.93	25.82	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	23.16	23.30	23.24	23.18	24.00
100		1	137	23.12	23.22	23.21	23.16	24.00
100		1	271	23.06	23.12	23.19	22.98	24.00
100		135	0	23.14	23.21	23.16	23.07	24.00
100		135	69	23.05	23.27	23.01	22.87	24.00
100		135	138	23.12	23.26	23.16	22.96	24.00
100		270	0	23.09	23.26	23.27	23.21	24.00
100	QPSK	1	1	23.16	23.23	23.05	23.04	24.00
100		1	137	23.16	23.09	23.21	23.10	24.00
100		1	271	23.08	23.26	23.23	23.02	24.00
100		135	0	23.17	23.28	23.09	22.98	24.00
100		135	69	23.26	23.26	23.27	23.08	24.00
100		135	138	23.09	23.28	23.17	23.14	24.00
100		270	0	23.12	23.26	23.15	23.00	24.00
100	16QAM	1	1	23.27	23.09	23.14	23.12	24.00
100	64QAM	1	1	22.96	23.06	22.86	22.85	24.00
100	256QAM	1	1	21.28	21.48	21.26	21.18	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.94	23.08	23.03	23.07	24.00
Channel				640334	653334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	23.13	23.20	23.21	23.16	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3837.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.94	23.15	23.19	23.04	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	23.02	23.21	23.16	23.00	24.00
Channel				640334	654334	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	23.09	23.17	23.09	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.94	23.16	23.04	23.00	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	23.08	23.15	23.07	23.15	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	23.02	23.18	23.03	23.20	24.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.97	23.16	23.16	23.10	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	23.17	23.21	23.13	23.02	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.99	23.10	23.14	23.12	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	26.21	26.25	26.18	26.13	27.00
100		1	137	26.14	26.22	26.10	26.03	27.00
100		1	271	26.17	26.24	26.20	26.15	27.00
100		135	0	25.58	25.73	25.54	25.40	27.00
100		135	69	26.03	26.16	26.08	25.96	27.00
100		135	138	25.65	25.73	25.66	25.44	27.00
100		270	0	25.61	25.71	25.58	25.38	27.00
100	QPSK	1	1	26.17	26.21	25.99	25.86	27.00
100		1	137	26.15	26.22	26.23	26.13	27.00
100		1	271	26.18	26.17	26.16	26.13	27.00
100		135	0	25.12	25.28	25.26	25.16	27.00
100		135	69	26.21	26.21	26.18	25.97	27.00
100		135	138	25.16	25.30	25.09	24.99	27.00
100		270	0	25.19	25.24	25.13	25.07	27.00
100	16QAM	1	1	25.12	25.28	25.10	24.99	27.00
100	64QAM	1	1	23.39	23.51	23.46	23.32	25.00
100	256QAM	1	1	21.96	22.12	21.99	21.92	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	26.17	26.12	26.13	26.03	27.00
Channel				640334	653334	661334	662668	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	26.13	26.15	26.17	25.93	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3837.52	3920.01	3945	
70	PI/2 BPSK	1	1	26.12	26.15	26.19	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	26.12	26.11	26.15	25.96	27.00
Channel				640334	654334	661334	663668	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	26.09	26.18	26.03	26.05	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	26.15	26.04	26.18	26.04	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	26.01	26.06	25.96	25.90	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	26.20	26.22	26.04	25.94	27.00
Channel				647334	654334	661334	664668	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	26.21	26.22	26.16	25.88	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	26.21	26.19	26.04	26.01	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	26.21	26.13	26.00	25.90	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.30	20.31	20.26	21.00
100		1	137	19.54	19.92	19.56	21.00
100		1	271	19.22	19.82	19.30	21.00
100		135	0	19.45	20.07	19.65	21.00
100		135	69	19.66	20.08	19.74	21.00
100		135	138	19.44	19.89	19.48	21.00
100		270	0	19.61	19.99	19.50	21.00
100	QPSK	1	1	19.45	19.81	19.48	21.00
100		1	137	19.50	19.91	19.35	21.00
100		1	271	19.23	19.73	19.43	21.00
100		135	0	19.60	20.15	19.60	21.00
100		135	69	19.53	19.79	19.53	21.00
100		135	138	19.47	19.80	19.66	21.00
100		270	0	19.52	19.95	19.55	21.00
100	16QAM	1	1	19.49	19.97	19.50	21.00
100	64QAM	1	1	19.14	19.67	19.22	21.00
100	256QAM	1	1	17.85	18.07	18.00	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.32	20.23	20.05	21.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.29	20.31	20.07	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	20.24	20.18	20.11	21.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.36	20.19	20.09	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.25	20.32	20.04	21.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	20.33	20.29	20.20	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.16	20.19	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	20.31	20.09	20.08	21.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.26	20.12	20.27	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	20.32	20.19	20.22	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.38	20.28	20.13	21.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.22	20.20	20.15	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.32	20.25	20.09	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.21	23.28	23.18	24.00
100		1	137	22.43	22.96	22.73	24.00
100		1	271	22.25	22.74	22.49	24.00
100		135	0	22.23	22.76	22.62	23.50
100		135	69	22.76	23.08	22.93	24.00
100		135	138	22.17	22.63	22.19	23.50
100		270	0	22.35	22.74	22.54	23.50
100	QPSK	1	1	22.51	22.95	22.77	24.00
100		1	137	22.42	22.88	22.74	24.00
100		1	271	22.51	22.94	22.81	24.00
100		135	0	22.03	22.31	22.07	23.00
100		135	69	22.72	23.22	22.99	24.00
100		135	138	21.80	22.37	22.07	23.00
100		270	0	21.83	22.24	21.97	23.00
100	16QAM	1	1	21.67	21.94	21.80	23.00
100	64QAM	1	1	19.92	20.32	19.93	21.50
100	256QAM	1	1	16.08	16.31	16.21	19.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.21	23.12	23.12	24.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.13	23.18	23.18	24.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	23.21	23.25	23.01	24.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.08	23.20	23.15	24.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.06	23.23	23.10	24.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	23.14	23.08	23.16	24.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.13	23.15	23.11	24.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	23.13	23.15	23.00	24.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.16	23.26	23.15	24.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	23.11	23.09	23.13	24.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.21	23.19	23.12	24.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.01	23.22	22.99	24.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.03	23.23	22.97	24.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.68		24.00
100		1	137		22.61		24.00
100		1	271		22.58		24.00
100		135	0		22.52		24.00
100		135	69		22.59		24.00
100		135	138		22.55		24.00
100		270	0		22.53		24.00
100	QPSK	1	1		22.40		24.00
100		1	137		22.67		24.00
100		1	271		22.60		24.00
100		135	0		22.58		24.00
100		135	69		22.63		24.00
100		135	138		22.62		24.00
100		270	0		22.58		24.00
100	16QAM	1	1		22.66		24.00
100	64QAM	1	1		22.33		24.00
100	256QAM	1	1		20.79		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.42	22.61	22.55	24.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.62	22.60	22.48	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.53	22.49	22.42	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.62	22.49	22.56	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.60	22.63	22.47	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.56	22.51	22.55	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.61	22.63	22.51	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.53	22.50	22.45	24.00
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.49	22.50	22.53	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.56	22.61	22.50	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.58	22.45	22.53	24.00

<FR1 n77 (27Q)_HPUE_Ant 3_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.71		27.00
100		1	137		25.64		27.00
100		1	271		25.56		27.00
100		135	0		25.15		27.00
100		135	69		25.65		27.00
100		135	138		25.20		27.00
100		270	0		25.15		27.00
100	QPSK	1	1		25.45		27.00
100		1	137		25.60		27.00
100		1	271		25.51		27.00
100		135	0		24.71		26.00
100		135	69		25.68		27.00
100		135	138		24.76		26.00
100		270	0		24.72		26.00
100	16QAM	1	1		24.71		26.00
100	64QAM	1	1		22.85		24.00
100	256QAM	1	1		21.47		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.26	25.49	25.37	27.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.42	25.38	25.47	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.49	25.50	25.38	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.39	25.42	25.36	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.28	25.46	25.44	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.30	25.36	25.49	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.42	25.40	25.43	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.44	25.43	25.34	27.00
Channel				630666	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.36	25.26	25.36	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.33	25.41	25.29	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.43	25.29	25.28	27.00

<FR1 n77 (27O)_Ant 3_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	22.46	22.48	22.65	22.53	24.00
100		1	137	22.44	22.58	22.62	22.40	24.00
100		1	271	22.33	22.36	22.59	22.54	24.00
100		135	0	22.47	22.45	22.54	22.49	24.00
100		135	69	22.27	22.36	22.61	22.60	24.00
100		135	138	22.41	22.36	22.56	22.38	24.00
100		270	0	22.41	22.35	22.48	22.40	24.00
100	QPSK	1	1	22.27	22.31	22.50	22.40	24.00
100		1	137	22.55	22.40	22.60	22.51	24.00
100		1	271	22.39	22.50	22.57	22.40	24.00
100		135	0	22.35	22.32	22.54	22.44	24.00
100		135	69	22.31	22.31	22.56	22.54	24.00
100		135	138	22.29	22.31	22.53	22.50	24.00
100		270	0	22.43	22.29	22.51	22.35	24.00
100	16QAM	1	1	22.58	22.37	22.63	22.54	24.00
100	64QAM	1	1	22.15	22.18	22.32	22.22	24.00
100	256QAM	1	1	20.66	20.54	20.78	20.66	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	22.36	22.22	22.44	22.46	24.00
Channel				644334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	22.31	22.31	22.57	22.59	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	22.29	22.31	22.56	22.44	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	22.30	22.29	22.56	22.58	24.00
Channel				644334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	22.39	22.32	22.52	22.46	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	22.34	22.26	22.44	22.63	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	22.29	22.23	22.40	22.61	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	22.41	22.33	22.43	22.65	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	22.20	22.44	22.59	22.80	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	22.31	22.39	22.46	22.57	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	22.31	22.25	22.42	22.51	24.00

<FR1 n77 (27O)_HPUE_Ant 3_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655668	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100	PI/2 BPSK	1	1	25.54	25.52	25.73	25.54	27.00
100		1	137	25.39	25.36	25.58	25.49	27.00
100		1	271	25.45	25.56	25.71	25.53	27.00
100		135	0	24.95	24.83	25.02	24.86	26.50
100		135	69	25.38	25.49	25.52	25.50	27.00
100		135	138	24.89	24.96	25.09	25.04	26.50
100		270	0	24.85	24.90	25.03	24.88	26.50
100	QPSK	1	1	25.27	25.40	25.46	25.31	27.00
100		1	137	25.36	25.30	25.52	25.39	27.00
100		1	271	25.18	25.37	25.42	25.37	27.00
100		135	0	25.40	25.46	25.58	25.47	26.00
100		135	69	25.44	25.35	25.59	25.43	27.00
100		135	138	24.55	24.36	24.62	24.63	26.00
100		270	0	24.48	24.32	24.57	24.49	26.00
100	16QAM	1	1	24.54	24.46	24.58	24.54	26.00
100	64QAM	1	1	22.59	22.78	22.82	22.80	24.00
100	256QAM	1	1	21.57	21.55	21.78	21.63	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	25.30	25.40	25.64	25.58	27.00
Channel				644334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	25.41	25.46	25.50	25.54	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	25.45	25.27	25.63	25.56	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	PI/2 BPSK	1	1	25.36	25.37	25.55	25.41	27.00
Channel				644334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	25.37	25.37	25.46	25.44	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	25.50	25.48	25.57	25.58	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	25.36	25.26	25.50	25.48	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	25.32	25.49	25.63	25.39	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	25.36	25.46	25.61	25.40	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	25.30	25.45	25.63	25.45	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	25.32	25.47	25.66	25.51	27.00

<FR1 n41_Ant 4_use PA (Reference Designator)_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.81	21.87	21.80	22.80
100		1	137	21.81	21.85	21.71	22.80
100		1	271	21.74	21.69	21.83	22.80
100		135	0	21.72	21.69	21.77	22.80
100		135	69	21.84	21.85	21.78	22.80
100		135	138	21.70	21.70	21.77	22.80
100		270	0	21.76	21.82	21.77	22.80
100	QPSK	1	1	21.79	21.80	21.82	22.80
100		1	137	21.85	21.80	21.65	22.80
100		1	271	21.82	21.74	21.77	22.80
100		135	0	21.74	21.73	21.80	22.80
100		135	69	21.76	21.73	21.84	22.80
100		135	138	21.71	21.69	21.68	22.80
100		270	0	21.75	21.74	21.77	22.80
100	16QAM	1	1	21.79	21.69	21.71	22.80
100	64QAM	1	1	21.71	21.72	21.86	21.50
100	256QAM	1	1	20.35	20.94	20.74	19.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.65	21.78	21.75	22.80
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.64	21.81	21.66	22.80
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.69	21.80	21.70	22.80
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.72	21.76	21.58	22.80
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.70	21.71	21.61	22.80
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	21.64	21.67	21.69	22.80
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.71	21.65	21.64	22.80
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	21.70	21.73	21.71	22.80
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.69	21.79	21.76	22.80
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	21.60	21.77	21.71	22.80
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.63	21.79	21.65	22.80
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.75	21.80	21.59	22.80
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.70	21.76	21.61	22.80

<FR1 n41_HPUE_Ant 4_use PA (Reference Designator)_use PA (Reference Designator)_ECI 6>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.70	24.73	24.69	25.80
100		1	137	24.58	24.67	24.64	25.80
100		1	271	24.68	24.65	24.71	25.80
100		135	0	24.59	24.62	24.63	25.80
100		135	69	24.68	24.69	24.65	25.80
100		135	138	24.58	24.63	24.63	25.80
100		270	0	24.56	24.66	24.59	25.80
100	QPSK	1	1	24.61	24.66	24.62	25.80
100		1	137	24.69	24.72	24.66	25.80
100		1	271	24.64	24.63	24.53	25.80
100		135	0	24.64	24.58	24.64	25.80
100		135	69	24.63	24.64	24.59	25.80
100		135	138	24.67	24.59	24.58	25.80
100		270	0	24.60	24.62	24.56	25.80
100	16QAM	1	1	24.57	24.67	24.70	25.80
100	64QAM	1	1	22.31	22.40	22.35	24.00
100	256QAM	1	1	17.85	18.06	17.87	19.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.58	24.65	24.66	25.80
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.70	24.58	24.66	25.80
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	24.58	24.66	24.63	25.80
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.69	24.59	24.59	25.80
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.61	24.70	24.59	25.80
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	24.62	24.59	24.65	25.80
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.57	24.61	24.66	25.80
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	24.69	24.58	24.67	25.80
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.68	24.70	24.56	25.80
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	24.65	24.60	24.57	25.80
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.55	24.57	24.64	25.80
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.56	24.66	24.60	25.80
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.63	24.68	24.59	25.80

<LTE Band 2_Ant 0_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.59	18.72	18.65	20.00
20		1	49	18.61	18.68	18.53	20.00
20		1	99	18.41	18.56	18.60	20.00
20		50	0	18.38	18.67	18.60	20.00
20		50	24	18.51	18.61	18.64	20.00
20		50	50	18.37	18.56	18.65	20.00
20		100	0	18.56	18.66	18.46	20.00
20	16QAM	1	0	18.40	18.59	18.65	20.00
20		1	49	18.48	18.70	18.54	20.00
20		1	99	18.40	18.71	18.65	20.00
20		50	0	18.46	18.64	18.50	20.00
20		50	24	18.42	18.60	18.44	20.00
20		50	50	18.47	18.63	18.57	20.00
20		100	0	18.60	18.59	18.63	20.00
20	64QAM	1	0	18.55	18.60	18.48	20.00
20		1	49	18.43	18.61	18.66	20.00
20		1	99	18.61	18.56	18.59	20.00
20		50	0	18.45	18.63	18.65	20.00
20		50	24	18.42	18.62	18.44	20.00
20		50	50	18.41	18.59	18.47	20.00
20		100	0	18.45	18.55	18.53	20.00
20	256QAM	1	0	17.81	18.08	17.73	19.00
20		1	49	17.90	18.08	17.92	19.00
20		1	99	17.76	18.19	18.03	19.00
20		50	0	17.63	18.08	17.78	19.00
20		50	24	17.69	17.99	17.75	19.00
20		50	50	17.74	17.88	17.86	19.00
20		100	0	17.61	18.01	17.81	19.00
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.54	18.68	18.65	20.00
15		1	37	18.58	18.62	18.43	20.00
15		1	74	18.31	18.44	18.44	20.00
15		36	0	18.39	18.67	18.62	20.00
15		36	20	18.37	18.48	18.62	20.00
15		36	39	18.28	18.53	18.61	20.00
15		75	0	18.43	18.49	18.41	20.00
15	16QAM	1	0	18.28	18.40	18.57	20.00
15		1	37	18.45	18.62	18.35	20.00
15		1	74	18.18	18.66	18.60	20.00
15		36	0	18.48	18.45	18.42	20.00
15		36	20	18.36	18.41	18.25	20.00
15		36	39	18.37	18.41	18.45	20.00
15		75	0	18.53	18.57	18.47	20.00
15	64QAM	1	0	18.55	18.59	18.32	20.00
15		1	37	18.35	18.58	18.47	20.00
15		1	74	18.45	18.41	18.44	20.00
15		36	0	18.31	18.54	18.50	20.00
15		36	20	18.31	18.46	18.45	20.00
15		36	39	18.33	18.57	18.46	20.00
15		75	0	18.40	18.33	18.53	20.00
15	256QAM	1	0	17.73	17.97	17.82	19.00
15		1	37	17.82	18.05	17.79	19.00
15		1	74	17.80	18.17	17.91	19.00
15		36	0	17.74	17.92	17.88	19.00
15		36	20	17.66	17.99	17.82	19.00
15		36	39	17.82	18.06	17.71	19.00
15		75	0	17.66	18.01	17.82	19.00
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.48	18.52	18.45	20.00
10		1	25	18.54	18.53	18.39	20.00
10		1	49	18.41	18.34	18.52	20.00
10		25	0	18.25	18.61	18.53	20.00
10		25	12	18.51	18.53	18.53	20.00
10		25	25	18.19	18.39	18.56	20.00
10		50	0	18.41	18.44	18.29	20.00
10	16QAM	1	0	18.23	18.43	18.51	20.00
10		1	25	18.45	18.66	18.36	20.00
10		1	49	18.40	18.51	18.64	20.00
10		25	0	18.46	18.56	18.38	20.00
10		25	12	18.41	18.42	18.40	20.00
10		25	25	18.30	18.47	18.58	20.00
10		50	0	18.52	18.60	18.43	20.00
10	64QAM	1	0	18.44	18.49	18.45	20.00
10		1	25	18.33	18.48	18.59	20.00
10		1	49	18.59	18.57	18.60	20.00
10		25	0	18.34	18.49	18.50	20.00
10		25	12	18.43	18.43	18.38	20.00
10		25	25	18.27	18.55	18.29	20.00
10		50	0	18.24	18.53	18.48	20.00
10	256QAM	1	0	17.86	18.03	17.88	19.00
10		1	25	17.71	18.05	17.87	19.00
10		1	49	17.80	18.13	18.03	19.00
10		25	0	17.62	17.99	17.82	19.00
10		25	12	17.83	18.02	17.82	19.00
10		25	25	17.72	18.01	17.81	19.00
10		50	0	17.79	17.90	17.81	19.00
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.59	18.67	18.67	20.00
5		1	12	18.46	18.61	18.39	20.00
5		1	24	18.35	18.43	18.44	20.00
5		12	0	18.27	18.49	18.44	20.00
5		12	7	18.45	18.50	18.61	20.00
5		12	13	18.16	18.45	18.51	20.00
5		25	0	18.58	18.62	18.39	20.00
5	16QAM	1	0	18.24	18.53	18.55	20.00
5		1	12	18.31	18.49	18.41	20.00
5		1	24	18.31	18.66	18.59	20.00
5		12	0	18.44	18.47	18.39	20.00
5		12	7	18.27	18.52	18.24	20.00
5		12	13	18.34	18.64	18.56	20.00
5		25	0	18.54	18.43	18.48	20.00
5	64QAM	1	0	18.35	18.48	18.26	20.00
5		1	12	18.42	18.48	18.49	20.00
5		1	24	18.49	18.58	18.42	20.00
5		12	0	18.40	18.47	18.45	20.00
5		12	7	18.41	18.48	18.26	20.00
5		12	13	18.36	18.53	18.44	20.00
5		25	0	18.47	18.53	18.42	20.00
5	256QAM	1	0	17.65	17.93	17.79	19.00
5		1	12	17.73	18.14	17.93	19.00
5		1	24	17.83	18.08	17.83	19.00
5		12	0	17.80	17.99	17.76	19.00
5		12	7	17.71	17.94	17.92	19.00
5		12	13	17.90	18.03	17.69	19.00
5		25	0	17.64	18.04	17.76	19.00
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.48	18.53	18.53	20.00
3		1	8	18.46	18.66	18.45	20.00
3		1	14	18.23	18.56	18.61	20.00
3		8	0	18.30	18.65	18.53	20.00
3		8	4	18.50	18.44	18.65	20.00
3		8	7	18.17	18.46	18.65	20.00
3		15	0	18.56	18.47	18.44	20.00
3	16QAM	1	0	18.28	18.51	18.55	20.00
3		1	8	18.28	18.61	18.41	20.00
3		1	14	18.32	18.62	18.54	20.00
3		8	0	18.44	18.64	18.34	20.00
3		8	4	18.37	18.47	18.36	20.00
3		8	7	18.34	18.60	18.49	20.00
3		15	0	18.44	18.45	18.65	20.00
3	64QAM	1	0	18.37	18.51	18.32	20.00
3		1	8	18.42	18.40	18.58	20.00
3		1	14	18.48	18.52	18.47	20.00
3		8	0	18.40	18.63	18.59	20.00
3		8	4	18.30	18.48	18.32	20.00
3		8	7	18.20	18.58	18.29	20.00
3		15	0	18.32	18.55	18.37	20.00
3	256QAM	1	0	17.75	17.99	17.77	19.00
3		1	8	17.70	18.16	17.87	19.00
3		1	14	17.74	18.18	17.93	19.00
3		8	0	17.69	18.00	17.79	19.00
3		8	4	17.67	18.00	17.75	19.00
3		8	7	17.81	18.02	17.88	19.00
3		15	0	17.75	18.02	17.85	19.00
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.59	18.66	18.66	20.00
1.4		1	3	18.57	18.51	18.44	20.00
1.4		1	5	18.27	18.57	18.53	20.00
1.4		3	0	18.36	18.59	18.56	20.00
1.4		3	1	18.35	18.44	18.51	20.00
1.4		3	3	18.16	18.50	18.57	20.00
1.4		6	0	18.35	18.47	18.47	20.00
1.4	16QAM	1	0	18.36	18.46	18.53	20.00
1.4		1	3	18.40	18.51	18.37	20.00
1.4		1	5	18.24	18.56	18.55	20.00
1.4		3	0	18.34	18.53	18.41	20.00
1.4		3	1	18.27	18.62	18.39	20.00
1.4		3	3	18.27	18.48	18.48	20.00
1.4		6	0	18.56	18.47	18.44	20.00
1.4	64QAM	1	0	18.35	18.47	18.35	20.00
1.4		1	3	18.24	18.52	18.46	20.00
1.4		1	5	18.48	18.42	18.40	20.00
1.4		3	0	18.36	18.54	18.59	20.00
1.4		3	1	18.38	18.49	18.35	20.00
1.4		3	3	18.36	18.43	18.32	20.00
1.4		6	0	18.45	18.43	18.55	20.00
1.4	256QAM	1	0	17.79	17.86	17.87	19.00
1.4		1	3	17.71	17.94	17.69	19.00
1.4		1	5	17.71	17.94	17.77	19.00
1.4		3	0	17.61	17.96	17.62	19.00
1.4		3	1	17.61	17.91	17.84	19.00
1.4		3	3	17.81	17.93	17.63	19.00
1.4		6	0	17.68	17.96	17.68	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.18	18.22	18.18	19.50
20		1	49	17.88	18.39	18.24	19.50
20		1	99	17.92	18.28	18.03	19.50
20		50	0	18.18	18.21	18.28	19.50
20		50	24	17.92	18.11	18.14	19.50
20		50	50	18.10	18.22	18.15	19.50
20		100	0	18.20	18.33	18.24	19.50
20	16QAM	1	0	18.14	18.18	18.27	19.50
20		1	49	17.81	18.14	18.15	19.50
20		1	99	17.90	18.20	17.96	19.50
20		50	0	17.88	18.14	18.34	19.50
20		50	24	18.16	18.26	18.30	19.50
20		50	50	18.07	18.14	18.04	19.50
20		100	0	17.94	18.12	17.99	19.50
20	64QAM	1	0	18.07	18.27	18.06	19.50
20		1	49	18.00	18.23	18.07	19.50
20		1	99	18.03	18.19	18.14	19.50
20		50	0	18.08	18.07	18.05	19.50
20		50	24	18.09	18.25	17.98	19.50
20		50	50	17.91	18.02	18.03	19.50
20		100	0	18.20	18.11	18.23	19.50
20	256QAM	1	0	17.67	17.87	17.75	19.00
20		1	49	17.98	18.02	17.82	19.00
20		1	99	17.89	17.95	17.73	19.00
20		50	0	17.74	17.82	17.66	19.00
20		50	24	17.66	17.87	17.88	19.00
20		50	50	17.94	17.98	17.90	19.00
20		100	0	17.77	17.81	17.59	19.00
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.06	18.19	18.27	19.50
15		1	37	17.88	18.22	18.27	19.50
15		1	74	17.95	18.30	18.18	19.50
15		36	0	18.17	18.27	18.21	19.50
15		36	20	17.99	18.07	18.16	19.50
15		36	39	18.06	18.32	18.30	19.50
15		75	0	18.17	18.34	18.19	19.50
15	16QAM	1	0	18.09	18.17	18.32	19.50
15		1	37	18.01	18.15	18.24	19.50
15		1	74	18.03	18.05	18.08	19.50
15		36	0	18.11	18.02	18.30	19.50
15		36	20	18.21	18.16	18.17	19.50
15		36	39	18.06	18.29	17.98	19.50
15		75	0	17.95	18.25	18.14	19.50
15	64QAM	1	0	18.00	18.24	18.17	19.50
15		1	37	17.97	18.27	18.10	19.50
15		1	74	18.07	18.36	18.24	19.50
15		36	0	18.13	18.25	18.03	19.50
15		36	20	18.14	18.17	18.11	19.50
15		36	39	18.05	18.03	18.06	19.50
15		75	0	18.09	18.15	18.24	19.50
15	256QAM	1	0	17.67	17.87	17.75	19.00
15		1	37	17.98	18.02	17.82	19.00
15		1	74	17.89	17.95	17.73	19.00
15		36	0	17.74	17.82	17.66	19.00
15		36	20	17.66	17.87	17.88	19.00
15		36	39	17.94	17.98	17.90	19.00
15		75	0	17.77	17.81	17.59	19.00
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.17	18.25	18.28	19.50
10		1	25	18.03	18.24	18.16	19.50
10		1	49	17.94	18.38	18.17	19.50
10		25	0	18.05	18.33	18.35	19.50
10		25	12	17.82	18.27	18.13	19.50
10		25	25	18.02	18.23	18.14	19.50
10		50	0	18.22	18.28	18.18	19.50
10	16QAM	1	0	18.16	18.26	18.32	19.50
10		1	25	17.95	18.33	18.26	19.50
10		1	49	17.97	18.19	17.95	19.50
10		25	0	17.98	18.02	18.23	19.50
10		25	12	18.04	18.25	18.17	19.50
10		25	25	18.15	18.25	18.10	19.50
10		50	0	17.91	18.23	17.95	19.50
10	64QAM	1	0	18.00	18.31	18.12	19.50
10		1	25	18.16	18.16	17.93	19.50
10		1	49	17.92	18.34	18.22	19.50
10		25	0	18.07	18.10	18.13	19.50
10		25	12	18.07	18.26	18.18	19.50
10		25	25	18.04	18.21	18.01	19.50
10		50	0	18.05	18.04	18.23	19.50
10	256QAM	1	0	17.67	17.87	17.75	19.00
10		1	25	17.98	18.02	17.82	19.00
10		1	49	17.89	17.95	17.73	19.00
10		25	0	17.74	17.82	17.66	19.00
10		25	12	17.66	17.87	17.88	19.00
10		25	25	17.94	17.98	17.90	19.00
10		50	0	17.77	17.81	17.59	19.00
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.03	18.38	18.18	19.50
5		1	12	17.83	18.20	18.21	19.50
5		1	24	18.07	18.24	18.21	19.50
5		12	0	18.07	18.30	18.18	19.50
5		12	7	17.90	18.18	18.15	19.50
5		12	13	18.14	18.10	18.13	19.50
5		25	0	18.03	18.18	18.10	19.50
5	16QAM	1	0	17.99	18.26	18.10	19.50
5		1	12	17.84	18.25	18.19	19.50
5		1	24	18.06	18.17	18.06	19.50
5		12	0	18.11	18.12	18.23	19.50
5		12	7	18.04	18.31	18.30	19.50
5		12	13	18.23	18.22	18.08	19.50
5		25	0	17.87	18.20	18.05	19.50
5	64QAM	1	0	18.13	18.32	17.99	19.50
5		1	12	18.14	18.27	17.98	19.50
5		1	24	18.00	18.23	18.23	19.50
5		12	0	18.16	18.11	18.16	19.50
5		12	7	17.99	18.31	18.07	19.50
5		12	13	18.01	18.10	17.93	19.50
5		25	0	18.09	18.04	18.14	19.50
5	256QAM	1	0	17.67	17.87	17.75	19.00
5		1	12	17.98	18.02	17.82	19.00
5		1	24	17.89	17.95	17.73	19.00
5		12	0	17.74	17.82	17.66	19.00
5		12	7	17.66	17.87	17.88	19.00
5		12	13	17.94	17.98	17.90	19.00
5		25	0	17.77	17.81	17.59	19.00
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.19	18.24	18.26	19.50
3		1	8	18.03	18.20	18.16	19.50
3		1	14	17.99	18.34	18.05	19.50
3		8	0	18.06	18.32	18.24	19.50
3		8	4	17.90	18.08	18.22	19.50
3		8	7	18.23	18.15	18.32	19.50
3		15	0	18.06	18.19	18.19	19.50
3	16QAM	1	0	18.05	18.34	18.25	19.50
3		1	8	17.93	18.36	18.11	19.50
3		1	14	18.08	18.07	18.07	19.50
3		8	0	17.88	18.02	18.23	19.50
3		8	4	18.09	18.22	18.31	19.50
3		8	7	18.12	18.38	17.99	19.50
3		15	0	17.96	18.16	17.99	19.50
3	64QAM	1	0	18.03	18.33	18.04	19.50
3		1	8	18.17	18.21	17.97	19.50
3		1	14	18.08	18.20	18.14	19.50
3		8	0	18.23	18.19	18.00	19.50
3		8	4	17.98	18.25	18.16	19.50
3		8	7	18.06	18.11	18.13	19.50
3		15	0	18.12	18.07	18.11	19.50
3	256QAM	1	0	17.67	17.87	17.75	19.00
3		1	8	17.98	18.02	17.82	19.00
3		1	14	17.89	17.95	17.73	19.00
3		8	0	17.74	17.82	17.66	19.00
3		8	4	17.66	17.87	17.88	19.00
3		8	7	17.94	17.98	17.90	19.00
3		15	0	17.77	17.81	17.59	19.00
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.08	18.37	18.34	19.50
1.4		1	3	17.90	18.30	18.28	19.50
1.4		1	5	18.06	18.37	18.22	19.50
1.4		3	0	18.02	18.18	18.31	19.50
1.4		3	1	17.80	18.30	18.24	19.50
1.4		3	3	18.01	18.10	18.28	19.50
1.4		6	0	18.13	18.31	18.10	19.50
1.4	16QAM	1	0	18.03	18.33	18.21	19.50
1.4		1	3	17.81	18.19	18.13	19.50
1.4		1	5	17.94	18.16	18.02	19.50
1.4		3	0	18.10	18.10	18.32	19.50
1.4		3	1	18.17	18.14	18.31	19.50
1.4		3	3	18.16	18.23	18.04	19.50
1.4		6	0	17.81	18.16	17.97	19.50
1.4	64QAM	1	0	18.04	18.29	18.02	19.50
1.4		1	3	18.06	18.16	17.92	19.50
1.4		1	5	18.08	18.17	18.26	19.50
1.4		3	0	18.07	18.12	18.15	19.50
1.4		3	1	18.10	18.28	18.02	19.50
1.4		3	3	17.98	18.16	18.09	19.50
1.4		6	0	17.98	18.22	18.19	19.50
1.4	256QAM	1	0	17.70	17.98	17.66	19.00
1.4		1	3	17.81	18.02	17.67	19.00
1.4		1	5	17.79	18.06	17.81	19.00
1.4		3	0	17.67	17.77	17.38	19.00
1.4		3	1	17.74	17.80	17.74	19.00
1.4		3	3	17.57	17.84	17.61	19.00
1.4		6	0	17.76	17.80	17.47	19.00

<LTE Band 4_Ant 0_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.27	19.30	19.19	19.50
20		1	49	19.07	18.96	18.97	19.50
20		1	99	19.11	19.08	19.06	19.50
20		50	0	19.01	19.30	18.98	19.50
20		50	24	19.01	19.01	19.26	19.50
20		50	50	19.09	19.05	19.16	19.50
20		100	0	19.10	19.12	19.24	19.50
20	16QAM	1	0	19.09	19.27	19.12	19.50
20		1	49	19.13	19.23	19.13	19.50
20		1	99	19.12	19.22	19.22	19.50
20		50	0	18.99	18.93	19.03	19.50
20		50	24	19.07	19.33	19.06	19.50
20		50	50	19.12	19.14	19.17	19.50
20		100	0	19.03	19.21	18.96	19.50
20	64QAM	1	0	19.05	19.16	18.99	19.50
20		1	49	19.25	19.10	18.91	19.50
20		1	99	18.92	19.13	19.11	19.50
20		50	0	18.98	19.04	19.07	19.50
20		50	24	19.08	19.24	19.11	19.50
20		50	50	19.13	19.29	19.22	19.50
20		100	0	19.07	19.15	18.95	19.50
20	256QAM	1	0	18.71	18.77	18.57	19.50
20		1	49	18.75	18.77	18.78	19.50
20		1	99	18.68	18.69	18.55	19.50
20		50	0	18.66	18.82	18.60	19.50
20		50	24	18.71	18.77	18.64	19.50
20		50	50	18.71	18.78	18.66	19.50
20		100	0	18.67	18.84	18.85	19.50
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.18	19.27	19.25	19.50
15		1	37	19.16	19.10	19.02	19.50
15		1	74	19.07	19.10	19.21	19.50
15		36	0	18.99	19.33	19.11	19.50
15		36	20	19.18	18.98	19.31	19.50
15		36	39	18.96	19.06	19.16	19.50
15		75	0	18.93	19.05	19.23	19.50
15	16QAM	1	0	18.89	19.17	19.10	19.50
15		1	37	19.05	19.14	19.20	19.50
15		1	74	19.15	19.07	19.14	19.50
15		36	0	19.02	19.11	18.97	19.50
15		36	20	19.03	19.23	19.14	19.50
15		36	39	19.13	19.03	19.13	19.50
15		75	0	19.08	19.21	19.09	19.50
15	64QAM	1	0	19.09	19.07	19.13	19.50
15		1	37	19.11	19.09	18.90	19.50
15		1	74	18.98	19.07	19.15	19.50
15		36	0	18.96	19.14	19.07	19.50
15		36	20	19.08	19.17	19.08	19.50
15		36	39	18.97	19.14	19.17	19.50
15		75	0	18.90	19.16	19.18	19.50
15	256QAM	1	0	18.61	18.76	18.54	19.50
15		1	37	18.70	18.58	18.64	19.50
15		1	74	18.64	18.51	18.38	19.50
15		36	0	18.57	18.72	18.48	19.50
15		36	20	18.70	18.56	18.50	19.50
15		36	39	18.59	18.58	18.62	19.50
15		75	0	18.61	18.66	18.63	19.50
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.21	19.25	19.28	19.50
10		1	25	19.09	18.98	19.09	19.50
10		1	49	19.12	19.08	19.22	19.50
10		25	0	19.07	19.27	19.10	19.50
10		25	12	19.17	18.94	19.21	19.50
10		25	25	18.99	19.15	19.27	19.50
10		50	0	18.91	19.23	19.24	19.50
10	16QAM	1	0	19.06	19.30	19.06	19.50
10		1	25	18.98	19.13	19.06	19.50
10		1	49	19.10	19.21	19.30	19.50
10		25	0	19.07	18.97	18.89	19.50
10		25	12	19.02	19.29	19.23	19.50
10		25	25	19.18	19.19	19.26	19.50
10		50	0	18.97	19.27	19.12	19.50
10	64QAM	1	0	19.08	19.24	19.01	19.50
10		1	25	19.21	19.18	19.03	19.50
10		1	49	19.04	18.93	19.07	19.50
10		25	0	19.01	19.09	19.16	19.50
10		25	12	19.10	19.05	19.25	19.50
10		25	25	19.04	19.28	19.16	19.50
10		50	0	19.08	19.05	19.18	19.50
10	256QAM	1	0	18.61	18.77	18.37	19.50
10		1	25	18.73	18.60	18.61	19.50
10		1	49	18.61	18.49	18.44	19.50
10		25	0	18.46	18.66	18.52	19.50
10		25	12	18.58	18.79	18.58	19.50
10		25	25	18.62	18.73	18.45	19.50
10		50	0	18.53	18.65	18.61	19.50
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.26	19.30	19.28	19.50
5		1	12	19.05	19.06	19.50	19.50
5		1	24	19.15	19.06	19.07	19.50
5		12	0	19.02	19.27	18.97	19.50
5		12	7	19.06	19.08	19.24	19.50
5		12	13	19.11	19.22	19.25	19.50
5		25	0	19.07	19.21	19.10	19.50
5	16QAM	1	0	19.04	19.28	18.96	19.50
5		1	12	18.93	19.14	19.05	19.50
5		1	24	19.07	19.24	19.13	19.50
5		12	0	19.00	18.97	19.03	19.50
5		12	7	19.09	19.13	19.16	19.50
5		12	13	19.14	19.09	19.21	19.50
5		25	0	19.15	19.29	19.11	19.50
5	64QAM	1	0	19.04	19.24	19.03	19.50
5		1	12	19.13	19.08	18.93	19.50
5		1	24	18.86	18.97	19.15	19.50
5		12	0	18.85	19.01	19.09	19.50
5		12	7	19.10	19.11	19.20	19.50
5		12	13	19.07	19.26	19.16	19.50
5		25	0	19.06	19.21	19.11	19.50
5	256QAM	1	0	18.66	18.65	18.48	19.50
5		1	12	18.74	18.74	18.72	19.50
5		1	24	18.64	18.59	18.45	19.50
5		12	0	18.66	18.64	18.43	19.50
5		12	7	18.66	18.78	18.57	19.50
5		12	13	18.71	18.76	18.54	19.50
5		25	0	18.51	18.83	18.69	19.50
Channel				19950	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.09	19.27	19.08	19.50
3		1	8	19.07	18.98	19.06	19.50
3		1	14	19.19	19.13	19.19	19.50
3		8	0	19.01	19.34	19.02	19.50
3		8	4	19.02	19.08	19.23	19.50
3		8	7	18.95	19.21	19.10	19.50
3		15	0	19.10	19.09	19.12	19.50
3	16QAM	1	0	18.87	19.13	19.06	19.50
3		1	8	18.94	19.08	19.04	19.50
3		1	14	19.14	19.23	19.16	19.50
3		8	0	18.94	18.96	19.02	19.50
3		8	4	19.09	19.17	19.07	19.50
3		8	7	19.07	19.12	19.21	19.50
3		15	0	19.08	19.31	19.11	19.50
3	64QAM	1	0	19.09	19.19	18.97	19.50
3		1	8	19.26	19.04	19.01	19.50
3		1	14	18.95	19.10	19.06	19.50
3		8	0	19.01	18.99	19.07	19.50
3		8	4	19.11	19.11	19.19	19.50
3		8	7	18.97	19.13	19.11	19.50
3		15	0	18.90	19.13	19.18	19.50
3	256QAM	1	0	18.70	18.56	18.53	19.50
3		1	8	18.66	18.66	18.62	19.50
3		1	14	18.54	18.66	18.45	19.50
3		8	0	18.46	18.71	18.52	19.50
3		8	4	18.53	18.72	18.42	19.50
3		8	7	18.66	18.72	18.61	19.50
3		15	0	18.61	18.79	18.63	19.50
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.11	19.35	19.26	19.50
1.4		1	3	19.00	18.99	19.12	19.50
1.4		1	5	19.23	19.06	19.03	19.50
1.4		3	0	18.96	19.20	19.05	19.50
1.4		3	1	19.19	19.14	19.18	19.50
1.4		3	3	19.01	19.04	19.08	19.50
1.4		6	0	19.00	19.22	19.11	19.50
1.4	16QAM	1	0	18.90	19.34	18.91	19.50
1.4		1	3	19.08	19.18	19.15	19.50
1.4		1	5	19.22	19.15	19.11	19.50
1.4		3	0	19.03	19.07	18.92	19.50
1.4		3	1	19.14	19.22	19.10	19.50
1.4		3	3	19.05	19.16	19.06	19.50
1.4		6	0	19.05	19.15	18.94	19.50
1.4	64QAM	1	0	19.09	19.17	19.14	19.50
1.4		1	3	19.14	19.15	19.01	19.50
1.4		1	5	19.10	19.13	19.19	19.50
1.4		3	0	18.94	19.17	19.27	19.50
1.4		3	1	19.08	19.29	19.07	19.50
1.4		3	3	19.06	19.15	19.14	19.50
1.4		6	0	18.93	19.23	19.17	19.50
1.4	256QAM	1	0	18.65	18.84	18.92	19.50
1.4		1	3	18.75	18.61	18.71	19.50
1.4		1	5	18.49	18.96	18.55	19.50
1.4		3	0	18.44	18.62	18.73	19.50
1.4		3	1	18.40	18.45	18.48	19.50
1.4		3	3	18.45	18.86	18.68	19.50
1.4		6	0	18.50	18.60	18.53	19.50

<LTE Band 66_Ant 0_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.22	18.41	18.35	19.50
20		1	49	18.02	18.37	18.34	19.50
20		1	99	18.08	18.40	18.21	19.50
20		50	0	18.22	18.39	18.35	19.50
20		50	24	18.00	18.28	18.29	19.50
20		50	50	18.23	18.31	18.32	19.50
20		100	0	18.24	18.35	18.25	19.50
20	16QAM	1	0	18.17	18.39	18.32	19.50
20		1	49	18.01	18.36	18.24	19.50
20		1	99	18.11	18.24	18.15	19.50
20		50	0	18.10	18.21	18.35	19.50
20		50	24	18.24	18.32	18.31	19.50
20		50	50	18.22	18.36	18.18	19.50
20		100	0	18.02	18.27	18.16	19.50
20	64QAM	1	0	18.14	18.38	18.18	19.50
20		1	49	18.18	18.33	18.13	19.50
20		1	99	18.13	18.35	18.27	19.50
20		50	0	18.22	18.27	18.21	19.50
20		50	24	18.15	18.31	18.20	19.50
20		50	50	18.10	18.22	18.14	19.50
20		100	0	18.20	18.23	18.24	19.50
20	256QAM	1	0	17.78	17.87	17.88	19.00
20		1	49	18.01	18.12	17.85	19.00
20		1	99	17.79	17.96	17.83	19.00
20		50	0	17.63	17.81	17.83	19.00
20		50	24	17.72	17.95	17.89	19.00
20		50	50	17.88	17.93	17.75	19.00
20		100	0	17.66	17.82	17.75	19.00
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.09	18.24	18.26	19.50
15		1	37	17.96	18.16	18.26	19.50
15		1	74	18.08	18.22	18.09	19.50
15		36	0	18.23	18.17	18.26	19.50
15		36	20	17.98	18.23	18.18	19.50
15		36	39	18.08	18.24	18.10	19.50
15		75	0	18.14	18.15	18.13	19.50
15	16QAM	1	0	18.06	18.38	18.14	19.50
15		1	37	18.01	18.34	18.04	19.50
15		1	74	17.91	18.04	18.16	19.50
15		36	0	18.00	18.22	18.17	19.50
15		36	20	18.19	18.11	18.11	19.50
15		36	39	18.23	18.32	18.01	19.50
15		75	0	17.91	18.15	18.04	19.50
15	64QAM	1	0	17.96	18.39	18.17	19.50
15		1	37	18.01	18.12	18.09	19.50
15		1	74	18.13	18.14	18.26	19.50
15		36	0	18.14	18.23	18.10	19.50
15		36	20	18.00	18.11	18.10	19.50
15		36	39	18.07	18.15	18.08	19.50
15		75	0	18.03	18.20	18.18	19.50
15	256QAM	1	0	17.61	17.76	17.80	19.00
15		1	37	17.97	18.06	17.71	19.00
15		1	74	17.71	17.87	17.63	19.00
15		36	0	17.48	17.73	17.65	19.00
15		36	20	17.52	17.91	17.85	19.00
15		36	39	17.79	17.83	17.76	19.00
15		75	0	17.56	17.83	17.72	19.00
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.22	18.33	18.21	19.50
10		1	25	18.04	18.20	18.28	19.50
10		1	49	17.98	18.19	18.01	19.50
10		25	0	18.10	18.36	18.14	19.50
10		25	12	17.80	18.11	18.26	19.50
10		25	25	18.07	18.25	18.23	19.50
10		50	0	18.05	18.28	18.21	19.50
10	16QAM	1	0	18.11	18.20	18.17	19.50
10		1	25	17.87	18.18	18.14	19.50
10		1	49	18.00	18.06	18.04	19.50
10		25	0	17.89	18.13	18.18	19.50
10		25	12	18.12	18.10	18.11	19.50
10		25	25	18.24	18.25	18.07	19.50
10		50	0	17.85	18.12	17.97	19.50
10	64QAM	1	0	18.16	18.31	18.05	19.50
10		1	25	18.05	18.34	17.99	19.50
10		1	49	17.97	18.34	18.15	19.50
10		25	0	18.12	18.28	18.01	19.50
10		25	12	18.10	18.31	18.16	19.50
10		25	25	18.09	18.24	18.14	19.50
10		50	0	18.03	18.06	18.18	19.50
10	256QAM	1	0	17.61	17.77	17.72	19.00
10		1	25	17.82	17.91	17.82	19.00
10		1	49	17.81	17.92	17.67	19.00
10		25	0	17.63	17.68	17.76	19.00
10		25	12	17.66	17.82	17.70	19.00
10		25	25	17.88	17.87	17.57	19.00
10		50	0	17.68	17.82	17.68	19.00
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.07	18.35	18.24	19.50
5		1	12	17.94	18.21	18.12	19.50
5		1	24	18.05	18.26	18.04	19.50
5		12	0	18.03	18.20	18.20	19.50
5		12	7	17.90	18.28	18.26	19.50
5		12	13	18.10	18.20	18.13	19.50
5		25	0	18.08	18.36	18.09	19.50
5	16QAM	1	0	18.15	18.31	18.26	19.50
5		1	12	17.81	18.37	18.19	19.50
5		1	24	18.07	18.16	18.11	19.50
5		12	0	17.89	18.21	18.24	19.50
5		12	7	18.20	18.20	18.32	19.50
5		12	13	18.01	18.35	18.13	19.50
5		25	0	17.87	18.07	18.08	19.50
5	64QAM	1	0	17.96	18.29	18.16	19.50
5		1	12	18.03	18.18	17.93	19.50
5		1	24	17.93	18.14	18.22	19.50
5		12	0	18.21	18.05	18.04	19.50
5		12	7	18.14	18.25	18.00	19.50
5		12	13	18.07	18.18	18.16	19.50
5		25	0	18.10	18.07	18.11	19.50
5	256QAM	1	0	17.61	17.80	17.82	19.00
5		1	12	17.99	18.08	17.83	19.00
5		1	24	17.66	17.80	17.64	19.00
5		12	0	17.48	17.71	17.80	19.00
5		12	7	17.54	17.78	17.80	19.00
5		12	13	17.78	17.79	17.73	19.00
5		25	0	17.60	17.63	17.69	19.00
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.19	18.32	18.22	19.50
3		1	8	17.93	18.35	18.28	19.50
3		1	14	17.99	18.39	18.19	19.50
3		8	0	18.23	18.26	18.36	19.50
3		8	4	18.00	18.16	18.30	19.50
3		8	7	18.17	18.27	18.29	19.50
3		15	0	18.08	18.28	18.14	19.50
3	16QAM	1	0	17.97	18.36	18.15	19.50
3		1	8	17.98	18.14	18.03	19.50
3		1	14	18.07	18.10	18.16	19.50
3		8	0	17.96	18.01	18.34	19.50
3		8	4	18.24	18.34	18.31	19.50
3		8	7	18.06	18.25	18.15	19.50
3		15	0	17.95	18.22	18.12	19.50
3	64QAM	1	0	18.10	18.20	18.15	19.50
3		1	8	18.05	18.25	18.08	19.50
3		1	14	18.11	18.24	18.23	19.50
3		8	0	18.05	18.10	18.14	19.50
3		8	4	18.10	18.10	18.06	19.50
3		8	7	18.10	18.13	17.98	19.50
3		15	0	18.00	18.08	18.24	19.50
3	256QAM	1	0	17.74	17.89	17.70	19.00
3		1	8	18.01	17.91	17.84	19.00
3		1	14	17.80	17.89	17.85	19.00
3		8	0	17.65	17.82	17.63	19.00
3		8	4	17.65	17.86	17.70	19.00
3		8	7	17.74	17.85	17.60	19.00
3		15	0	17.50	17.67	17.71	19.00
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.13	18.23	18.16	19.50
1.4		1	3	17.89	18.20	18.27	19.50
1.4		1	5	18.03	18.25	18.00	19.50
1.4		3	0	18.11	18.25	18.23	19.50
1.4		3	1	17.91	18.11	18.15	19.50
1.4		3	3	18.09	18.23	18.22	19.50
1.4		6	0	18.19	18.35	18.19	19.50
1.4	16QAM	1	0	17.99	18.36	18.24	19.50
1.4		1	3	17.87	18.24	18.18	19.50
1.4		1	5	17.92	18.15	18.01	19.50
1.4		3	0	18.08	18.14	18.13	19.50
1.4		3	1	18.09	18.19	18.31	19.50
1.4		3	3	18.09	18.37	18.00	19.50
1.4		6	0	18.01	18.28	18.12	19.50
1.4	64QAM	1	0	17.93	18.24	17.98	19.50
1.4		1	3	18.15	18.29	18.03	19.50
1.4		1	5	17.94	18.24	18.12	19.50
1.4		3	0	18.02	18.16	18.22	19.50
1.4		3	1	18.00	18.30	18.22	19.50
1.4		3	3	18.00	18.12	18.02	19.50
1.4		6	0	18.07	18.05	18.26	19.50
1.4	256QAM	1	0	17.82	17.94	17.90	19.00
1.4		1	3	17.75	17.96	17.77	19.00
1.4		1	5	17.52	17.93	17.69	19.00
1.4		3	0	17.66	17.66	17.65	19.00
1.4		3	1	17.51	17.77	17.77	19.00
1.4		3	3	17.67	17.89	17.78	19.00
1.4		6	0	17.63	17.88	17.65	19.00

<LTE Band 66_Ant 0_use PA (Reference Desig CID104

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.28	19.35	19.29	19.50
20		1	49	19.16	19.18	19.15	19.50
20		1	99	19.24	19.21	19.21	19.50
20		50	0	19.12	19.34	19.14	19.50
20		50	24	19.22	19.14	19.29	19.50
20		50	50	19.10	19.22	19.29	19.50
20		100	0	19.11	19.22	19.25	19.50
20	16QAM	1	0	19.09	19.33	19.12	19.50
20		1	49	19.14	19.26	19.19	19.50
20		1	99	19.25	19.26	19.28	19.50
20		50	0	19.09	19.13	19.11	19.50
20		50	24	19.12	19.33	19.24	19.50
20		50	50	19.21	19.18	19.28	19.50
20		100	0	19.17	19.34	19.11	19.50
20	64QAM	1	0	19.11	19.24	19.14	19.50
20		1	49	19.30	19.26	19.11	19.50
20		1	99	19.08	19.14	19.20	19.50
20		50	0	19.07	19.17	19.27	19.50
20		50	24	19.15	19.27	19.27	19.50
20		50	50	19.18	19.32	19.21	19.50
20		100	0	19.12	19.23	19.17	19.50
20	256QAM	1	0	18.89	18.83	18.63	19.50
20		1	49	18.94	18.82	18.94	19.50
20		1	99	18.69	18.74	18.57	19.50
20		50	0	18.73	18.91	18.79	19.50
20		50	24	18.75	18.79	18.63	19.50
20		50	50	18.91	18.79	18.74	19.50
20		100	0	18.65	19.02	19.02	19.50
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.24	19.22	19.25	19.50
15		1	37	19.14	19.00	19.05	19.50
15		1	74	19.08	19.07	19.06	19.50
15		36	0	19.00	19.16	19.08	19.50
15		36	20	19.23	19.10	19.31	19.50
15		36	39	19.08	19.06	19.21	19.50
15		75	0	19.07	19.18	19.26	19.50
15	16QAM	1	0	18.93	19.20	18.99	19.50
15		1	37	19.14	19.18	19.06	19.50
15		1	74	19.26	19.13	19.17	19.50
15		36	0	18.98	19.15	19.03	19.50
15		36	20	19.09	19.33	19.20	19.50
15		36	39	19.07	19.14	19.18	19.50
15		75	0	19.16	19.31	19.06	19.50
15	64QAM	1	0	19.03	19.20	19.07	19.50
15		1	37	19.29	19.12	18.94	19.50
15		1	74	19.06	19.15	19.19	19.50
15		36	0	19.05	19.18	19.15	19.50
15		36	20	18.97	19.25	19.26	19.50
15		36	39	19.14	19.23	19.07	19.50
15		75	0	19.06	19.11	19.08	19.50
15	256QAM	1	0	18.73	18.79	18.46	19.50
15		1	37	18.84	18.74	18.94	19.50
15		1	74	18.67	18.68	18.54	19.50
15		36	0	18.62	18.83	18.78	19.50
15		36	20	18.59	18.72	18.47	19.50
15		36	39	18.74	18.71	18.73	19.50
15		75	0	18.46	18.82	19.02	19.50
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.19	19.15	19.25	19.50
10		1	25	19.06	19.17	19.03	19.50
10		1	49	19.24	19.17	19.03	19.50
10		25	0	19.05	19.18	19.02	19.50
10		25	12	19.14	19.15	19.12	19.50
10		25	25	18.93	19.03	19.22	19.50
10		50	0	18.98	19.03	19.19	19.50
10	16QAM	1	0	18.92	19.26	19.04	19.50
10		1	25	19.12	19.08	19.09	19.50
10		1	49	19.05	19.05	19.24	19.50
10		25	0	19.05	18.99	19.02	19.50
10		25	12	19.03	19.28	19.06	19.50
10		25	25	19.22	19.15	19.06	19.50
10		50	0	19.07	19.33	18.99	19.50
10	64QAM	1	0	18.93	19.20	19.15	19.50
10		1	25	19.16	19.15	18.93	19.50
10		1	49	18.88	18.94	19.17	19.50
10		25	0	19.07	19.11	19.11	19.50
10		25	12	19.03	19.19	19.22	19.50
10		25	25	19.04	19.26	19.02	19.50
10		50	0	19.09	19.10	19.03	19.50
10	256QAM	1	0	18.72	18.68	18.58	19.50
10		1	25	18.83	18.78	18.79	19.50
10		1	49	18.64	18.56	18.40	19.50
10		25	0	18.71	18.90	18.66	19.50
10		25	12	18.71	18.61	18.47	19.50
10		25	25	18.76	18.62	18.75	19.50
10		50	0	18.46	19.01	18.87	19.50
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.15	19.22	19.12	19.50
5		1	12	18.94	19.11	19.08	19.50
5		1	24	19.24	19.10	19.06	19.50
5		12	0	18.96	19.19	19.05	19.50
5		12	7	19.13	19.04	19.25	19.50
5		12	13	19.04	19.11	19.27	19.50
5		25	0	19.01	19.10	19.21	19.50
5	16QAM	1	0	18.89	19.18	18.97	19.50
5		1	12	19.06	19.26	19.05	19.50
5		1	24	19.10	19.23	19.11	19.50
5		12	0	18.89	19.02	18.96	19.50
5		12	7	19.13	19.17	19.03	19.50
5		12	13	19.03	19.17	19.24	19.50
5		25	0	19.03	19.32	18.95	19.50
5	64QAM	1	0	18.95	19.03	19.04	19.50
5		1	12	19.11	19.16	19.11	19.50
5		1	24	18.94	19.06	19.20	19.50
5		12	0	18.88	19.06	19.12	19.50
5		12	7	18.99	19.20	19.07	19.50
5		12	13	19.11	19.12	19.01	19.50
5		25	0	19.06	19.10	19.03	19.50
5	256QAM	1	0	18.78	18.82	18.52	19.50
5		1	12	18.86	18.64	18.90	19.50
5		1	24	18.58	18.53	18.43	19.50
5		12	0	18.55	18.79	18.74	19.50
5		12	7	18.62	18.58	18.54	19.50
5		12	13	18.76	18.74	18.72	19.50
5		25	0	18.58	18.83	19.04	19.50
Channel				131987	132322	132657	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.12	19.14	19.27	19.50
3		1	8	19.12	19.19	18.98	19.50
3		1	14	19.11	19.15	19.11	19.50
3		8	0	19.13	19.30	19.06	19.50
3		8	4	19.07	19.11	19.27	19.50
3		8	7	19.11	19.18	19.12	19.50
3		15	0	19.12	19.21	19.20	19.50
3	16QAM	1	0	18.97	19.34	18.93	19.50
3		1	8	19.01	19.21	19.01	19.50
3		1	14	19.26	19.26	19.11	19.50
3		8	0	18.93	18.94	19.02	19.50
3		8	4	19.09	19.32	19.15	19.50
3		8	7	19.18	19.09	19.24	19.50
3		15	0	19.13	19.31	19.11	19.50
3	64QAM	1	0	19.12	19.12	18.96	19.50
3		1	8	19.24	19.12	19.04	19.50
3		1	14	18.92	19.15	19.21	19.50
3		8	0	18.92	19.08	19.13	19.50
3		8	4	19.16	19.16	19.06	19.50
3		8	7	19.13	19.28	19.10	19.50
3		15	0	18.90	19.20	18.98	19.50
3	256QAM	1	0	18.84	18.67	18.57	19.50
3		1	8	18.82	18.64	18.91	19.50
3		1	14	18.67	18.66	18.42	19.50
3		8	0	18.68	18.92	18.70	19.50
3		8	4	18.72	18.58	18.57	19.50
3		8	7	18.83	18.80	18.69	19.50
3		15	0	18.48	18.94	18.81	19.50
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.20	19.29	19.17	19.50
1.4		1	3	19.15	19.19	19.09	19.50
1.4		1	5	19.19	19.01	19.06	19.50
1.4		3	0	18.90	19.14	19.13	19.50
1.4		3	1	19.13	19.14	19.25	19.50
1.4		3	3	18.95	19.03	19.07	19.50
1.4		6	0	19.04	19.07	19.24	19.50
1.4	16QAM	1	0	18.97	19.34	18.97	19.50
1.4		1	3	19.02	19.06	19.13	19.50
1.4		1	5	19.18	19.21	19.14	19.50
1.4		3	0	19.08	19.03	19.11	19.50
1.4		3	1	18.90	19.31	19.17	19.50
1.4		3	3	19.22	19.09	19.12	19.50
1.4		6	0	18.98	19.15	19.06	19.50
1.4	64QAM	1	0	19.07	19.05	19.09	19.50
1.4		1	3	19.15	19.07	18.91	19.50
1.4		1	5	18.89	19.10	19.19	19.50
1.4		3	0	18.90	19.01	19.18	19.50
1.4		3	1	19.15	19.17	19.17	19.50
1.4		3	3	19.20	19.20	19.06	19.50
1.4		6	0	18.91	19.13	19.18	19.50
1.4	256QAM	1	0	18.81	18.83	19.01	19.50
1.4		1	3	18.83	18.88	18.89	19.50
1.4		1	5	18.55	18.99	18.60	19.50
1.4		3	0	18.59	18.68	18.71	19.50
1.4		3	1	18.49	18.66	18.70	19.50
1.4		3	3	18.60	18.91	18.85	19.50
1.4		6	0	18.59	18.82	18.68	19.50

<LTE Band 2_Ant 4_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	17.06	17.22	17.14	17.50
20		1	49	16.95	17.20	17.12	17.50
20		1	99	16.84	17.14	17.04	17.50
20		50	0	16.94	17.20	16.98	17.50
20		50	24	17.05	17.03	17.09	17.50
20		50	50	16.98	17.03	17.01	17.50
20		100	0	16.86	17.07	17.00	17.50
20	16QAM	1	0	16.89	17.02	17.09	17.50
20		1	49	17.02	17.13	17.03	17.50
20		1	99	16.98	17.20	17.14	17.50
20		50	0	16.95	17.18	17.15	17.50
20		50	24	16.89	17.19	17.15	17.50
20		50	50	16.94	17.18	17.05	17.50
20		100	0	16.88	17.04	17.10	17.50
20	64QAM	1	0	16.87	17.05	16.92	17.50
20		1	49	16.97	17.01	16.97	17.50
20		1	99	17.03	17.20	17.04	17.50
20		50	0	16.97	17.21	17.10	17.50
20		50	24	17.03	17.15	17.13	17.50
20		50	50	16.94	17.17	17.05	17.50
20		100	0	16.98	17.03	17.04	17.50
20	256QAM	1	0	17.03	17.01	17.01	17.50
20		1	49	16.85	17.14	17.11	17.50
20		1	99	17.04	17.00	17.06	17.50
20		50	0	16.94	17.03	17.07	17.50
20		50	24	17.04	17.21	17.03	17.50
20		50	50	17.03	17.03	17.16	17.50
20		100	0	16.89	17.07	16.99	17.50
Channel				18675	18900	19125	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.89	17.03	17.09	17.50
15		1	37	16.76	17.21	16.99	17.50
15		1	74	16.81	17.11	16.85	17.50
15		36	0	16.96	17.16	16.95	17.50
15		36	20	16.94	17.02	17.10	17.50
15		36	39	16.83	17.01	16.93	17.50
15		75	0	16.74	16.97	16.83	17.50
15	16QAM	1	0	16.84	16.82	17.01	17.50
15		1	37	17.04	17.05	16.96	17.50
15		1	74	16.99	17.05	16.92	17.50
15		36	0	16.83	17.20	16.98	17.50
15		36	20	16.75	17.04	17.02	17.50
15		36	39	16.76	17.04	16.84	17.50
15		75	0	16.67	16.90	17.00	17.50
15	64QAM	1	0	16.69	16.86	16.87	17.50
15		1	37	16.94	16.94	16.80	17.50
15		1	74	16.91	17.03	17.01	17.50
15		36	0	16.85	17.21	17.08	17.50
15		36	20	16.92	17.03	17.10	17.50
15		36	39	16.85	17.13	17.03	17.50
15		75	0	16.95	16.81	16.94	17.50
15	256QAM	1	0	16.95	16.85	16.83	17.50
15		1	37	16.74	16.93	16.97	17.50
15		1	74	16.96	16.84	16.90	17.50
15		36	0	16.83	16.85	17.01	17.50
15		36	20	17.03	17.08	16.86	17.50
15		36	39	16.85	17.03	17.02	17.50
15		75	0	16.90	17.00	16.95	17.50
Channel				18650	18900	19150	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.92	17.10	17.06	17.50
10		1	25	16.88	17.20	17.02	17.50
10		1	49	16.64	17.11	16.96	17.50
10		25	0	16.89	17.08	16.76	17.50
10		25	12	16.99	17.01	17.04	17.50
10		25	25	16.90	16.84	16.98	17.50
10		50	0	16.77	17.02	16.92	17.50
10	16QAM	1	0	16.84	16.98	16.97	17.50
10		1	25	16.89	16.96	16.91	17.50
10		1	49	16.95	17.13	16.99	17.50
10		25	0	16.74	17.03	17.03	17.50
10		25	12	16.73	17.04	16.94	17.50
10		25	25	16.76	17.11	17.01	17.50
10		50	0	16.73	16.85	16.95	17.50
10	64QAM	1	0	16.67	17.02	16.78	17.50
10		1	25	16.87	16.98	16.85	17.50
10		1	49	16.94	17.07	16.89	17.50
10		25	0	16.91	17.08	17.05	17.50
10		25	12	17.04	16.98	16.92	17.50
10		25	25	16.81	17.07	16.98	17.50
10		50	0	16.96	16.84	17.03	17.50
10	256QAM	1	0	16.91	16.98	16.89	17.50
10		1	25	16.84	17.03	17.04	17.50
10		1	49	16.96	16.99	16.88	17.50
10		25	0	16.82	16.94	16.85	17.50
10		25	12	16.92	17.06	17.01	17.50
10		25	25	17.00	17.02	17.04	17.50
10		50	0	16.71	17.03	16.93	17.50
Channel				18625	18900	19175	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.97	17.19	16.98	17.50
5		1	12	16.95	17.07	16.92	17.50
5		1	24	16.79	16.93	17.05	17.50
5		12	0	16.84	17.15	16.81	17.50
5		12	7	17.01	17.00	16.92	17.50
5		12	13	16.86	16.94	16.81	17.50
5		25	0	16.72	16.91	16.91	17.50
5	16QAM	1	0	16.68	16.84	16.89	17.50
5		1	12	17.04	17.07	17.00	17.50
5		1	24	16.82	17.17	17.08	17.50
5		12	0	16.75	17.12	17.07	17.50
5		12	7	16.85	17.14	17.04	17.50
5		12	13	16.91	16.97	16.93	17.50
5		25	0	16.77	16.88	17.03	17.50
5	64QAM	1	0	16.79	16.96	16.77	17.50
5		1	12	16.83	16.84	16.83	17.50
5		1	24	17.04	17.06	16.97	17.50
5		12	0	16.89	17.05	17.02	17.50
5		12	7	17.02	17.16	17.00	17.50
5		12	13	16.84	17.13	16.88	17.50
5		25	0	16.84	16.85	17.05	17.50
5	256QAM	1	0	16.90	16.95	16.81	17.50
5		1	12	16.82	17.15	16.95	17.50
5		1	24	16.90	16.79	16.96	17.50
5		12	0	16.77	16.87	17.08	17.50
5		12	7	17.05	17.09	17.03	17.50
5		12	13	17.05	17.01	16.98	17.50
5		25	0	16.90	17.04	16.93	17.50
Channel				18615	18900	19185	Tune-up Limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.98	17.18	17.07	17.50
3		1	8	16.92	17.00	17.04	17.50
3		1	14	16.72	17.14	16.85	17.50
3		8	0	16.88	17.17	16.93	17.50
3		8	4	16.94	17.01	16.98	17.50
3		8	7	16.80	17.04	16.85	17.50
3		15	0	16.82	16.91	16.83	17.50
3	16QAM	1	0	16.85	16.80	16.96	17.50
3		1	8	16.89	16.99	17.03	17.50
3		1	14	16.86	17.19	17.09	17.50
3		8	0	16.91	17.02	17.11	17.50
3		8	4	16.77	17.09	17.14	17.50
3		8	7	16.81	17.00	16.96	17.50
3		15	0	16.75	16.92	16.97	17.50
3	64QAM	1	0	16.72	16.94	16.82	17.50
3		1	8	16.96	17.02	16.78	17.50
3		1	14	16.92	17.15	16.84	17.50
3		8	0	16.78	17.19	17.12	17.50
3		8	4	17.01	17.02	17.06	17.50
3		8	7	16.73	16.98	16.97	17.50
3		15	0	16.87	16.99	16.86	17.50
3	256QAM	1	0	16.90	16.90	16.88	17.50
3		1	8	16.76	16.97	17.03	17.50
3		1	14	17.04	16.96	17.05	17.50
3		8	0	16.73	17.03	16.95	17.50
3		8	4	17.01	17.14	16.86	17.50
3		8	7	17.01	16.95	17.07	17.50
3		15	0	16.79	17.06	16.84	17.50
Channel				18607	18900	19193	Tune-up Limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	17.05	17.10	17.06	17.50
1.4		1	3	16.87	17.15	17.12	17.50
1.4		1	5	16.72	17.08	16.94	17.50
1.4		3	0	16.93	17.03	16.96	17.50
1.4		3	1	16.89	16.83	17.10	17.50
1.4		3	3	16.82	16.97	16.99	17.50
1.4		6	0	16.75	16.88	16.99	17.50
1.4	16QAM	1	0	16.72	16.93	17.06	17.50
1.4		1	3	16.85	17.14	16.84	17.50
1.4		1	5	16.89	17.04	17.10	17.50
1.4		3	0	16.97	17.05	16.94	17.50
1.4		3	1	16.88	17.00	16.93	17.50
1.4		3	3	16.77	17.09	16.98	17.50
1.4		6	0	16.87	16.94	16.94	17.50
1.4	64QAM	1	0	16.68	17.05	16.72	17.50
1.4		1	3	16.97	16.90	16.76	17.50
1.4		1	5	16.99	17.13	16.98	17.50
1.4		3	0	16.77	17.05	17.04	17.50
1.4		3	1	17.00	16.98	17.04	17.50
1.4		3	3	16.86	17.04	16.89	17.50
1.4		6	0	16.83	16.81	16.99	17.50
1.4	256QAM	1	0	16.86	16.90	16.79	17.50
1.4		1	3	16.83	17.01	16.93	17.50
1.4		1	5	17.00	16.95	16.85	17.50
1.4		3	0	16.93	16.97	17.05	17.50
1.4		3	1	16.96	17.08	16.98	17.50
1.4		3	3	16.98	16.93	17.13	17.50
1.4		6	0	16.70	17.01	16.79	17.50

<LTE Band 4_Ant 4_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	17.12	17.16	17.20	17.70
20		1	49	17.13	17.32	17.07	17.70
20		1	99	17.16	17.32	17.21	17.70
20		50	0	17.13	17.15	17.27	17.70
20		50	24	17.16	17.23	17.06	17.70
20		50	50	17.11	17.23	17.17	17.70
20		100	0	17.02	17.16	17.13	17.70
20	16QAM	1	0	17.11	17.31	17.26	17.70
20		1	49	17.15	17.14	17.26	17.70
20		1	99	17.11	17.19	17.08	17.70
20		50	0	17.00	17.20	17.07	17.70
20		50	24	17.10	17.28	17.18	17.70
20		50	50	17.18	17.31	17.21	17.70
20		100	0	17.03	17.31	17.25	17.70
20	64QAM	1	0	17.09	17.25	17.24	17.70
20		1	49	17.06	17.33	17.21	17.70
20		1	99	17.04	17.29	17.27	17.70
20		50	0	17.08	17.12	17.25	17.70
20		50	24	17.17	17.16	17.26	17.70
20		50	50	17.22	17.23	17.11	17.70
20		100	0	17.22	17.28	17.23	17.70
20	256QAM	1	0	17.05	17.19	17.20	17.70
20		1	49	17.12	17.27	17.12	17.70
20		1	99	17.17	17.30	17.25	17.70
20		50	0	17.14	17.23	17.20	17.70
20		50	24	17.03	17.16	17.24	17.70
20		50	50	17.14	17.28	17.21	17.70
20		100	0	17.02	17.17	17.12	17.70
Channel				20025	20175	20325	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	17.00	17.31	17.18	17.70
15		1	37	17.17	17.13	17.07	17.70
15		1	74	17.13	17.19	17.18	17.70
15		36	0	17.09	17.26	17.07	17.70
15		36	20	17.09	17.35	17.09	17.70
15		36	39	17.06	17.23	17.26	17.70
15		75	0	17.13	17.14	17.22	17.70
15	16QAM	1	0	17.08	17.26	17.16	17.70
15		1	37	17.18	17.23	17.25	17.70
15		1	74	17.08	17.25	17.16	17.70
15		36	0	17.08	17.22	17.16	17.70
15		36	20	17.20	17.33	17.16	17.70
15		36	39	17.05	17.15	17.28	17.70
15		75	0	17.11	17.24	17.07	17.70
15	64QAM	1	0	17.05	17.33	17.24	17.70
15		1	37	17.15	17.17	17.29	17.70
15		1	74	17.09	17.32	17.12	17.70
15		36	0	17.04	17.31	17.16	17.70
15		36	20	17.18	17.30	17.11	17.70
15		36	39	17.00	17.24	17.20	17.70
15		75	0	17.10	17.30	17.07	17.70
15	256QAM	1	0	17.16	17.30	17.20	17.70
15		1	37	17.09	17.13	17.14	17.70
15		1	74	17.23	17.31	17.19	17.70
15		36	0	17.23	17.21	17.25	17.70
15		36	20	17.07	17.28	17.06	17.70
15		36	39	17.00	17.17	17.19	17.70
15		75	0	17.08	17.18	17.18	17.70
Channel				20000	20175	20350	Tune-up Limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	17.11	17.20	17.15	17.70
10		1	25	17.10	17.31	17.19	17.70
10		1	49	17.06	17.21	17.26	17.70
10		25	0	17.09	17.26	17.13	17.70
10		25	12	17.10	17.26	17.12	17.70
10		25	25	17.17	17.18	17.07	17.70
10		50	0	17.05	17.20	17.16	17.70
10	16QAM	1	0	17.16	17.11	17.10	17.70
10		1	25	17.20	17.30	17.28	17.70
10		1	49	17.16	17.12	17.09	17.70
10		25	0	17.06	17.29	17.21	17.70
10		25	12	17.01	17.19	17.21	17.70
10		25	25	16.99	17.21	17.27	17.70
10		50	0	17.21	17.21	17.27	17.70
10	64QAM	1	0	17.22	17.14	17.21	17.70
10		1	25	17.21	17.21	17.28	17.70
10		1	49	17.15	17.13	17.27	17.70
10		25	0	17.03	17.16	17.15	17.70
10		25	12	17.15	17.14	17.07	17.70
10		25	25	17.16	17.21	17.16	17.70
10		50	0	17.02	17.22	17.07	17.70
10	256QAM	1	0	17.01	17.16	17.28	17.70
10		1	25	17.13	17.33	17.20	17.70
10		1	49	17.07	17.19	17.06	17.70
10		25	0	17.04	17.18	17.15	17.70
10		25	12	17.23	17.26	17.25	17.70
10		25	25	17.03	17.14	17.11	17.70
10		50	0	17.22	17.31	17.07	17.70
Channel				19975	20175	20375	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	17.16	17.17	17.28	17.70
5		1	12	17.03	17.17	17.07	17.70
5		1	24	17.18	17.24	17.08	17.70
5		12	0	17.08	17.23	17.27	17.70
5		12	7	17.08	17.33	17.12	17.70
5		12	13	17.06	17.27	17.28	17.70
5		25	0	17.08	17.32	17.09	17.70
5	16QAM	1	0	17.14	17.18	17.13	17.70
5		1	12	17.21	17.23	17.24	17.70
5		1	24	17.16	17.12	17.20	17.70
5		12	0	17.05	17.29	17.22	17.70
5		12	7	17.11	17.31	17.15	17.70
5		12	13	17.08	17.33	17.18	17.70
5		25	0	17.15	17.22	17.18	17.70
5	64QAM	1	0	17.02	17.24	17.29	17.70
5		1	12	17.16	17.35	17.16	17.70
5		1	24	17.19	17.13	17.24	17.70
5		12	0	17.19	17.24	17.08	17.70
5		12	7	17.11	17.14	17.13	17.70
5		12	13	17.18	17.30	17.10	17.70
5		25	0	17.21	17.26	17.28	17.70
5	256QAM	1	0	17.23	17.13	17.07	17.70
5		1	12	17.08	17.18	17.18	17.70
5		1	24	17.20	17.17	17.27	17.70
5		12	0	17.06	17.17	17.16	17.70
5		12	7	17.18	17.21	17.18	17.70
5		12	13	17.10	17.22	17.19	17.70
5		25	0	17.05	17.12	17.11	17.70
Channel				19965	20175	20385	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	17.02	17.17	17.15	17.70
3		1	8	17.00	17.30	17.09	17.70
3		1	14	17.01	17.14	17.10	17.70
3		8	0	17.19	17.17	17.15	17.70
3		8	4	17.08	17.28	17.29	17.70
3		8	7	17.21	17.12	17.27	17.70
3		15	0	17.04	17.17	17.28	17.70
3	16QAM	1	0	17.01	17.33	17.10	17.70
3		1	8	17.11	17.22	17.24	17.70
3		1	14	17.19	17.24	17.20	17.70
3		8	0	17.16	17.32	17.18	17.70
3		8	4	17.22	17.31	17.14	17.70
3		8	7	17.19	17.14	17.15	17.70
3		15	0	17.11	17.31	17.16	17.70
3	64QAM	1	0	17.00	17.20	17.15	17.70
3		1	8	17.01	17.26	17.10	17.70
3		1	14	17.01	17.31	17.26	17.70
3		8	0	17.23	17.19	17.20	17.70
3		8	4	17.16	17.19	17.16	17.70
3		8	7	17.17	17.27	17.19	17.70
3		15	0	17.20	17.33	17.09	17.70
3	256QAM	1	0	17.11	17.20	17.25	17.70
3		1	8	17.20	17.25	17.27	17.70
3		1	14	17.05	17.30	17.20	17.70
3		8	0	17.17	17.14	17.08	17.70
3		8	4	17.21	17.25	17.09	17.70
3		8	7	17.09	17.26	17.06	17.70
3		15	0	17.19	17.26	17.21	17.70
Channel				19957	20175	20393	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	17.20	17.23	17.15	17.70
1.4		1	3	17.19	17.20	17.18	17.70
1.4		1	5	17.12	17.32	17.17	17.70
1.4		3	0	17.02	17.13	17.12	17.70
1.4		3	1	17.16	17.17	17.13	17.70
1.4		3	3	17.19	17.21	17.17	17.70
1.4		6	0	17.05	17.19	17.09	17.70
1.4	16QAM	1	0	17.19	17.16	17.11	17.70
1.4		1	3	17.13	17.20	17.20	17.70
1.4		1	5	17.23	17.28	17.06	17.70
1.4		3	0	17.12	17.18	17.17	17.70
1.4		3	1	17.10	17.31	17.06	17.70
1.4		3	3	17.13	17.35	17.06	17.70
1.4		6	0	17.04	17.23	17.09	17.70
1.4	64QAM	1	0	17.19	17.14	17.17	17.70
1.4		1	3	17.09	17.24	17.20	17.70
1.4		1	5	17.15	17.35	17.10	17.70
1.4		3	0	17.10	17.17	17.15	17.70
1.4		3	1	17.19	17.16	17.24	17.70
1.4		3	3	17.00	17.16	17.10	17.70
1.4		6	0	17.15	17.16	17.16	17.70
1.4	256QAM	1	0	17.19	17.15	17.08	17.70
1.4		1	3	17.18	17.13	17.20	17.70
1.4		1	5	17.21	17.33	17.11	17.70
1.4		3	0	17.00	17.27	17.18	17.70
1.4		3	1	17.22	17.13	17.18	17.70
1.4		3	3	17.16	17.13	17.08	17.70
1.4		6	0	17.05	17.14	17.22	17.70

<LTE Band 66_Ant 4_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.26	17.38	17.32	17.70
20		1	49	17.04	17.17	17.24	17.70
20		1	99	17.07	17.27	17.27	17.70
20		50	0	17.07	17.34	17.17	17.70
20		50	24	17.18	17.25	17.12	17.70
20		50	50	17.05	17.29	17.25	17.70
20		100	0	17.11	17.29	17.18	17.70
20	16QAM	1	0	17.22	17.29	17.23	17.70
20		1	49	17.22	17.26	17.21	17.70
20		1	99	17.06	17.37	17.11	17.70
20		50	0	17.05	17.26	17.10	17.70
20		50	24	17.24	17.36	17.27	17.70
20		50	50	17.17	17.31	17.15	17.70
20		100	0	17.20	17.22	17.23	17.70
20	64QAM	1	0	17.06	17.18	17.15	17.70
20		1	49	17.22	17.30	17.32	17.70
20		1	99	17.15	17.35	17.24	17.70
20		50	0	17.06	17.26	17.18	17.70
20		50	24	17.10	17.29	17.15	17.70
20		50	50	17.22	17.36	17.28	17.70
20		100	0	17.12	17.27	17.31	17.70
20	256QAM	1	0	17.14	17.31	17.14	17.70
20		1	49	17.04	17.32	17.30	17.70
20		1	99	17.15	17.32	17.19	17.70
20		50	0	17.05	17.23	17.33	17.70
20		50	24	17.24	17.24	17.31	17.70
20		50	50	17.05	17.33	17.26	17.70
20		100	0	17.10	17.24	17.24	17.70
Channel				132047	132322	132597	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.20	17.35	17.22	17.70
15		1	37	17.07	17.34	17.33	17.70
15		1	74	17.27	17.18	17.11	17.70
15		36	0	17.15	17.33	17.28	17.70
15		36	20	17.17	17.30	17.11	17.70
15		36	39	17.11	17.19	17.15	17.70
15		75	0	17.20	17.18	17.28	17.70
15	16QAM	1	0	17.24	17.23	17.17	17.70
15		1	37	17.25	17.28	17.29	17.70
15		1	74	17.12	17.22	17.19	17.70
15		36	0	17.05	17.34	17.10	17.70
15		36	20	17.24	17.30	17.18	17.70
15		36	39	17.09	17.34	17.18	17.70
15		75	0	17.13	17.26	17.13	17.70
15	64QAM	1	0	17.13	17.35	17.30	17.70
15		1	37	17.07	17.32	17.14	17.70
15		1	74	17.11	17.37	17.34	17.70
15		36	0	17.14	17.20	17.30	17.70
15		36	20	17.09	17.32	17.15	17.70
15		36	39	17.16	17.19	17.31	17.70
15		75	0	17.18	17.36	17.15	17.70
15	256QAM	1	0	17.21	17.33	17.26	17.70
15		1	37	17.11	17.18	17.18	17.70
15		1	74	17.21	17.17	17.25	17.70
15		36	0	17.07	17.29	17.18	17.70
15		36	20	17.11	17.17	17.31	17.70
15		36	39	17.24	17.29	17.18	17.70
15		75	0	17.28	17.18	17.27	17.70
Channel				132022	132322	132622	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.16	17.19	17.24	17.70
10		1	25	17.17	17.32	17.25	17.70
10		1	49	17.05	17.21	17.14	17.70
10		25	0	17.08	17.30	17.12	17.70
10		25	12	17.05	17.34	17.28	17.70
10		25	25	17.15	17.32	17.21	17.70
10		50	0	17.13	17.32	17.22	17.70
10	16QAM	1	0	17.16	17.21	17.08	17.70
10		1	25	17.09	17.20	17.15	17.70
10		1	49	17.12	17.26	17.23	17.70
10		25	0	17.22	17.16	17.25	17.70
10		25	12	17.09	17.17	17.15	17.70
10		25	25	17.05	17.22	17.19	17.70
10		50	0	17.17	17.17	17.17	17.70
10	64QAM	1	0	17.02	17.34	17.25	17.70
10		1	25	17.04	17.29	17.29	17.70
10		1	49	17.00	17.29	17.06	17.70
10		25	0	17.15	17.15	17.19	17.70
10		25	12	16.99	17.28	17.12	17.70
10		25	25	17.08	17.20	17.28	17.70
10		50	0	17.16	17.26	17.19	17.70
10	256QAM	1	0	17.22	17.15	17.05	17.70
10		1	25	17.15	17.28	17.10	17.70
10		1	49	17.23	17.30	17.22	17.70
10		25	0	17.02	17.19	17.08	17.70
10		25	12	17.20	17.12	17.22	17.70
10		25	25	17.10	17.12	17.27	17.70
10		50	0	17.06	17.12	17.08	17.70
Channel				131997	132322	132647	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.13	17.34	17.09	17.70
5		1	12	17.21	17.34	17.26	17.70
5		1	24	17.17	17.15	17.07	17.70
5		12	0	17.21	17.14	17.13	17.70
5		12	7	16.99	17.26	17.25	17.70
5		12	13	17.07	17.27	17.10	17.70
5		25	0	17.13	17.31	17.08	17.70
5	16QAM	1	0	17.00	17.29	17.08	17.70
5		1	12	17.19	17.27	17.25	17.70
5		1	24	17.13	17.15	17.25	17.70
5		12	0	17.11	17.16	17.27	17.70
5		12	7	17.10	17.33	17.28	17.70
5		12	13	17.19	17.17	17.26	17.70
5		25	0	17.04	17.22	17.13	17.70
5	64QAM	1	0	17.06	17.27	17.26	17.70
5		1	12	17.21	17.14	17.06	17.70
5		1	24	17.21	17.27	17.12	17.70
5		12	0	17.12	17.26	17.29	17.70
5		12	7	17.18	17.32	17.21	17.70
5		12	13	17.10	17.25	17.09	17.70
5		25	0	17.05	17.28	17.09	17.70
5	256QAM	1	0	17.02	17.31	17.22	17.70
5		1	12	17.16	17.19	17.20	17.70
5		1	24	17.14	17.26	17.19	17.70
5		12	0	17.12	17.12	17.22	17.70
5		12	7	17.22	17.12	17.20	17.70
5		12	13	17.05	17.20	17.23	17.70
5		25	0	17.00	17.32	17.16	17.70
Channel				131947	132322	132697	Tune-up Limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.14	17.24	17.21	17.70
3		1	8	17.20	17.18	17.13	17.70
3		1	14	17.07	17.23	17.26	17.70
3		8	0	17.12	17.33	17.11	17.70
3		8	4	17.01	17.21	17.23	17.70
3		8	7	17.13	17.21	17.17	17.70
3		15	0	17.14	17.17	17.27	17.70
3	16QAM	1	0	17.06	17.19	17.17	17.70
3		1	8	17.12	17.13	17.26	17.70
3		1	14	17.00	17.16	17.06	17.70
3		8	0	17.15	17.30	17.24	17.70
3		8	4	17.21	17.31	17.20	17.70
3		8	7	17.14	17.12	17.06	17.70
3		15	0	17.16	17.17	17.20	17.70
3	64QAM	1	0	17.18	17.20	17.07	17.70
3		1	8	17.11	17.25	17.17	17.70
3		1	14	17.01	17.23	17.09	17.70
3		8	0	17.16	17.18	17.18	17.70
3		8	4	17.22	17.24	17.18	17.70
3		8	7	17.10	17.30	17.16	17.70
3		15	0	17.12	17.25	17.29	17.70
3	256QAM	1	0	17.09	17.28	17.28	17.70
3		1	8	17.13	17.16	17.20	17.70
3		1	14	17.00	17.17	17.25	17.70
3		8	0	17.04	17.21	17.24	17.70
3		8	4	17.05	17.31	17.06	17.70
3		8	7	17.14	17.16	17.06	17.70
3		15	0	17.20	17.32	17.07	17.70
Channel				131979	132322	132665	Tune-up Limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.08	17.34	17.06	17.70
1.4		1	3	16.99	17.20	17.05	17.70
1.4		1	5	17.06	17.27	17.20	17.70
1.4		3	0	17.02	17.20	17.13	17.70
1.4		3	1	17.18	17.18	17.19	17.70
1.4		3	3	17.10	17.32	17.10	17.70
1.4		6	0	17.05	17.20	17.27	17.70
1.4	16QAM	1	0	17.07	17.28	17.14	17.70
1.4		1	3	17.14	17.25	17.26	17.70
1.4		1	5	17.03	17.27	17.28	17.70
1.4		3	0	17.10	17.34	17.11	17.70
1.4		3	1	17.00	17.14	17.16	17.70
1.4		3	3	16.99	17.32	17.19	17.70
1.4		6	0	17.13	17.29	17.23	17.70
1.4	64QAM	1	0	17.06	17.20	17.12	17.70
1.4		1	3	17.12	17.17	17.13	17.70
1.4		1	5	17.19	17.16	17.27	17.70
1.4		3	0	17.11	17.27	17.27	17.70
1.4		3	1	17.17	17.22	17.24	17.70
1.4		3	3	17.23	17.30	17.22	17.70
1.4		6	0	17.04	17.32	17.17	17.70
1.4	256QAM	1	0	17.18	17.30	17.05	17.70
1.4		1	3	17.22	17.26	17.06	17.70
1.4		1	5	17.16	17.12	17.24	17.70
1.4		3	0	17.22	17.12	17.25	17.70
1.4		3	1	16.99	17.25	17.18	17.70
1.4		3	3	17.06	17.35	17.20	17.70
1.4		6	0	17.11	17.28	17.22	17.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	19.30	19.35	19.31	20.50
40		1	108	18.92	19.07	18.95	20.50
40		1	214	19.22	19.26	19.11	20.50
40	PI/2 BPSK	108	0	19.12	19.27	19.18	20.00
40		108	54	19.29	19.30	19.25	20.50
40		108	108	19.00	19.15	19.02	20.00
40		216	0	19.14	19.31	19.14	20.00
40		1	1	19.09	19.15	19.06	20.50
40		1	108	18.98	19.09	18.95	20.50
40		1	214	18.98	19.05	18.95	20.50
40	QPSK	108	0	19.06	19.17	19.00	20.50
40		108	54	19.02	19.13	18.97	20.50
40		108	108	19.10	19.20	19.11	20.50
40		216	0	19.08	19.21	19.14	20.50
40	16QAM	1	1	18.91	19.07	19.01	20.50
40	64QAM	1	1	19.15	19.12	19.06	20.50
40	256QAM	1	1	17.92	18.05	17.90	19.50
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	19.28	19.31	19.25	20.50
Channel				373000	376000	379000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	19.28	19.32	19.27	20.50
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	19.26	19.33	19.25	20.50
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.30	19.30	19.28	20.50
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.26	19.31	19.28	20.50
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.28	19.30	19.30	20.50
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.26	19.34	19.30	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	19.31	19.38	19.31	20.50
40		1	108	18.94	19.08	18.97	20.50
40		1	214	19.23	19.28	19.16	20.50
40	PI/2 BPSK	108	0	19.16	19.29	19.19	20.00
40		108	54	19.30	19.35	19.30	20.50
40		108	108	19.01	19.15	19.02	20.00
40		216	0	19.14	19.32	19.16	20.00
40		1	1	19.09	19.19	19.08	20.50
40		1	108	19.01	19.10	18.99	20.50
40		1	214	18.97	19.06	18.98	20.50
40	QPSK	108	0	19.10	19.21	19.04	20.50
40		108	54	19.01	19.16	18.98	20.50
40		108	108	19.12	19.22	19.14	20.50
40		216	0	19.11	19.25	19.15	20.50
40	16QAM	1	1	18.93	19.08	19.02	20.50
40	64QAM	1	1	19.17	19.16	19.07	20.50
40	256QAM	1	1	17.96	18.10	17.91	19.50
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	19.21	19.24	19.14	20.50
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.20	19.26	19.14	20.50
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.19	19.26	19.12	20.50
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.21	19.24	19.18	20.50
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.19	19.24	19.15	20.50
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.21	19.29	19.13	20.50
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.19	19.28	19.14	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	18.58	18.69	18.46	20.20
45		1	120	18.39	18.57	18.44	20.20
45		1	240	18.48	18.54	18.45	20.20
45		120	0	18.35	18.34	18.36	20.20
45		120	60	18.48	18.56	18.42	20.20
45		120	120	18.30	18.48	18.35	20.20
45		240	0	18.42	18.65	18.24	20.20
45	QPSK	1	1	18.49	18.62	18.45	20.20
45		1	120	18.48	18.51	18.34	20.20
45		1	240	18.58	18.54	18.43	20.20
45		120	0	18.47	18.62	18.41	20.20
45		120	60	18.55	18.63	18.42	20.20
45		120	120	18.36	18.36	18.38	20.20
45		240	0	18.52	18.46	18.30	20.20
45	16QAM	1	1	18.29	18.51	18.33	20.20
45	64QAM	1	1	18.49	18.48	18.37	20.20
45	256QAM	1	1	18.33	18.39	18.26	19.50
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.34	18.61	18.43	20.20
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	18.41	18.63	18.48	20.20
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.36	18.68	18.30	20.20
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.46	18.58	18.35	20.20
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.33	18.57	18.48	20.20
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.47	18.66	18.27	20.20
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.50	18.65	18.40	20.20
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.48	18.55	18.45	20.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40		1	1	16.56	16.65	16.51	17.90
40		1	108	16.26	16.17	16.23	17.90
40		1	214	16.27	16.39	16.16	17.90
40	PI/2 BPSK	108	0	16.31	16.35	16.31	17.90
40		108	54	16.44	16.53	16.50	17.90
40		108	108	16.31	16.51	16.20	17.90
40		216	0	16.25	16.46	16.41	17.90
40		1	1	16.21	16.43	16.17	17.90
40		1	108	16.31	16.51	16.50	17.90
40		1	214	16.19	16.41	16.32	17.90
40	QPSK	108	0	16.21	16.39	16.29	17.90
40		108	54	16.41	16.61	16.49	17.90
40		108	108	16.20	16.33	16.24	17.90
40		216	0	16.26	16.28	16.28	17.90
40	16QAM	1	1	16.35	16.34	16.26	17.90
40	64QAM	1	1	16.52	16.42	16.56	17.90
40	256QAM	1	1	16.24	16.34	16.36	17.90
Channel				373500	376000	378500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1880	1892.5	
35	PI/2 BPSK	1	1	16.49	16.51	16.37	17.90
Channel				372000	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1865	1880	1895	
30	PI/2 BPSK	1	1	16.49	16.55	16.36	17.90
Channel				372500	376000	379500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1880	1897.5	
25	PI/2 BPSK	1	1	16.55	16.55	16.38	17.90
Channel				372000	376000	380000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.51	16.60	16.48	17.90
Channel				371500	376000	380500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.44	16.57	16.43	17.90
Channel				371000	376000	381000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.48	16.54	16.49	17.90
Channel				370500	376000	381500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.45	16.61	16.47	17.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40		1	1	16.54	16.67	16.61	17.90
40		1	108	16.37	16.38	16.26	17.90
40		1	214	16.23	16.31	16.30	17.90
40	PI/2 BPSK	108	0	16.30	16.45	16.23	17.90
40		108	54	16.54	16.60	16.59	17.90
40		108	108	16.48	16.58	16.38	17.90
40		216	0	16.51	16.55	16.34	17.90
40		1	1	16.33	16.35	16.42	17.90
40		1	108	16.44	16.61	16.53	17.90
40		1	214	16.27	16.39	16.11	17.90
40	QPSK	108	0	16.28	16.44	16.35	17.90
40		108	54	16.45	16.57	16.51	17.90
40		108	108	16.24	16.42	16.38	17.90
40		216	0	16.26	16.31	16.31	17.90
40	16QAM	1	1	16.48	16.56	16.35	17.90
40	64QAM	1	1	16.43	16.65	16.51	17.90
40	256QAM	1	1	16.31	16.50	16.23	17.90
Channel				373500	376500	379500	Tune-up Limit (dBm)
Frequency (MHz)				1867.5	1882.5	1897.5	
35	PI/2 BPSK	1	1	16.52	16.53	16.57	17.90
Channel				373000	376500	380000	Tune-up Limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.47	16.60	16.59	17.90
Channel				372500	376500	380500	Tune-up Limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.40	16.63	16.47	17.90
Channel				372000	376500	381000	Tune-up Limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.50	16.54	16.48	17.90
Channel				371500	376500	381500	Tune-up Limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.51	16.63	16.57	17.90
Channel				371000	376500	382000	Tune-up Limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.41	16.64	16.47	17.90
Channel				370500	376500	382500	Tune-up Limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.42	16.61	16.59	17.90

<FR1 n66_Ant 4_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346500	349000	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	16.86	16.91	16.78	17.90
45		1	120	17.15	17.23	17.10	17.90
45		1	240	17.08	17.21	16.99	17.90
45		120	0	16.47	16.53	16.35	17.90
45		120	60	17.00	17.16	16.93	17.90
45		120	120	16.76	16.90	16.82	17.90
45		240	0	16.58	16.62	16.42	17.90
45	QPSK	1	1	16.81	16.70	16.71	17.90
45		1	120	17.14	17.20	17.08	17.90
45		1	240	17.08	17.22	16.94	17.90
45		120	0	16.47	16.40	16.24	17.90
45		120	60	16.97	17.13	16.80	17.90
45		120	120	16.59	16.70	16.75	17.90
45		240	0	16.40	16.41	16.21	17.90
45	16QAM	1	1	16.68	16.93	16.75	17.90
45	64QAM	1	1	16.80	16.89	16.66	17.90
45	256QAM	1	1	16.84	16.73	16.69	17.90
Channel				346000	349000	352000	Tune-up Limit (dBm)
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.69	16.91	16.64	17.90
Channel				345500	349000	352500	Tune-up Limit (dBm)
Frequency (MHz)				1727.5	1745	1762.5	
35	PI/2 BPSK	1	1	16.73	16.91	16.60	17.90
Channel				345000	349000	353000	Tune-up Limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.66	16.77	16.59	17.90
Channel				344500	349000	353500	Tune-up Limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.72	16.85	16.66	17.90
Channel				344000	349000	354000	Tune-up Limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.85	16.71	16.57	17.90
Channel				343500	349000	354500	Tune-up Limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.71	16.83	16.66	17.90
Channel				343000	349000	355000	Tune-up Limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.78	16.86	16.56	17.90
Channel				342500	349000	355500	Tune-up Limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.83	16.79	16.64	17.90

<FR1 n77 (27Q)_Ant 1_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		23.21		24.00
100		1	137		23.18		24.00
100		1	271		23.15		24.00
100	PI/2 BPSK	135	0		22.98		24.00
100		135	69		23.08		24.00
100		135	138		23.16		24.00
100		270	0		23.04		24.00
100		1	1		22.93		24.00
100		1	137		23.12		24.00
100		1	271		23.12		24.00
100	QPSK	135	0		22.96		24.00
100		135	69		23.05		24.00
100		135	138		23.11		24.00
100		270	0		23.04		24.00
100	16QAM	1	1		23.06		24.00
100	64QAM	1	1		22.72		24.00
100	256QAM	1	1		21.18		22.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.79	22.80	22.85	24.00
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.95	22.92	22.90	24.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.94	22.79	22.93	24.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.75	22.78	22.95	24.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.86	22.86	22.95	24.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.92	22.86	22.79	24.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.94	22.81	22.93	24.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.88	22.83	22.93	24.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.85	22.86	22.87	24.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.80	22.95	22.74	24.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.88	22.74	22.91	24.00

<FR1 n77 (27Q)_HPUE_Ant 1_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100		1	1		26.16		27.00
100		1	137		25.97		27.00
100		1	271		26.11		27.00
100	PI/2 BPSK	135	0		25.57		27.00
100		135	69		26.11		27.00
100		135	138		25.69		27.00
100		270	0		25.64		27.00
100		1	1		25.89		27.00
100		1	137		26.08		27.00
100		1	271		26.03		27.00
100	QPSK	135	0		25.10		27.00
100		135	69		26.15		27.00
100		135	138		25.22		27.00
100		270	0		25.12		27.00
100	16QAM	1	1		25.11		27.00
100	64QAM	1	1		23.28		25.00
100	256QAM	1	1		21.85		23.00
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.92	25.89	25.83	27.00
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.82	25.87	25.79	27.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.93	25.95	25.91	27.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.92	25.77	25.84	27.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.91	25.91	25.85	27.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.95	25.80	25.93	27.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.81	25.81	25.83	27.00
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.79	25.79	25.90	27.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.89	25.87	25.78	27.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.87	25.80	25.86	27.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.88	25.93	25.82	27.00

<FR1 n77 (27O)_Ant 1_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	23.16	23.30	23.24	23.18	24.00
100		1	137	23.20	23.22	23.20	23.16	24.00
100		1	271	23.17	23.12	23.19	22.98	24.00
100	Pi/2 BPSK	135	0	23.14	23.21	23.16	23.07	24.00
100		135	69	23.05	23.27	23.01	22.87	24.00
100		135	138	23.12	23.26	23.16	22.96	24.00
100		270	0	23.09	23.26	23.27	23.21	24.00
100		1	1	23.16	23.23	23.05	23.04	24.00
100		1	137	23.16	23.09	23.21	23.10	24.00
100		1	271	23.08	23.26	23.23	23.02	24.00
100	QPSK	135	0	23.17	23.28	23.09	22.98	24.00
100		135	69	23.26	23.26	23.27	23.08	24.00
100		135	138	23.09	23.28	23.17	23.14	24.00
100		270	0	23.12	23.26	23.15	23.00	24.00
100	16QAM	1	1	23.27	23.09	23.14	23.12	24.00
100	64QAM	1	1	22.96	23.06	22.86	22.85	24.00
100	256QAM	1	1	21.28	21.48	21.26	21.18	22.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	22.94	23.08	23.03	23.07	24.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	23.13	23.20	23.21	23.16	24.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	22.94	23.15	23.19	23.04	24.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	Pi/2 BPSK	1	1	23.02	23.21	23.16	23.00	24.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	23.09	23.17	23.09	23.01	24.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	22.94	23.16	23.04	23.00	24.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	23.08	23.15	23.07	23.15	24.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	23.02	23.18	23.03	23.20	24.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	22.97	23.16	23.16	23.10	24.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	23.17	23.21	23.13	23.02	24.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	22.99	23.10	23.14	23.12	24.00

<FR1 n77 (27O)_HPUE_Ant 1_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	26.21	26.25	26.22	26.13	27.00
100		1	137	26.14	26.22	26.10	26.03	27.00
100		1	271	26.17	26.24	26.20	26.15	27.00
100	Pi/2 BPSK	135	0	25.58	25.73	25.54	25.40	27.00
100		135	69	26.03	26.16	26.08	25.96	27.00
100		135	138	25.65	25.73	25.66	25.44	27.00
100		270	0	25.61	25.71	25.58	25.38	27.00
100		1	1	26.17	26.21	25.99	25.86	27.00
100		1	137	26.15	26.22	26.23	26.13	27.00
100		1	271	26.18	26.17	26.16	26.13	27.00
100	QPSK	135	0	25.12	25.28	25.26	25.16	27.00
100		135	69	26.21	26.21	26.18	25.97	27.00
100		135	138	25.16	25.30	25.09	24.99	27.00
100		270	0	25.19	25.24	25.13	25.07	27.00
100	16QAM	1	1	25.12	25.28	25.10	24.99	27.00
100	64QAM	1	1	23.39	23.51	23.46	23.32	25.00
100	256QAM	1	1	21.96	22.12	21.99	21.92	23.00
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	Pi/2 BPSK	1	1	26.17	26.12	26.13	26.03	27.00
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	Pi/2 BPSK	1	1	26.13	26.15	26.17	25.93	27.00
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	Pi/2 BPSK	1	1	26.12	26.15	26.19	25.91	27.00
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3940.98	
60	Pi/2 BPSK	1	1	26.12	26.11	26.15	25.96	27.00
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	Pi/2 BPSK	1	1	26.09	26.18	26.03	26.05	27.00
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	Pi/2 BPSK	1	1	26.15	26.04	26.18	26.04	27.00
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	Pi/2 BPSK	1	1	26.01	26.06	25.96	25.90	27.00
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	Pi/2 BPSK	1	1	26.20	26.22	26.04	25.94	27.00
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	Pi/2 BPSK	1	1	26.21	26.22	26.16	25.88	27.00
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	Pi/2 BPSK	1	1	26.21	26.19	26.04	26.01	27.00
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	Pi/2 BPSK	1	1	26.21	26.13	26.00	25.90	27.00

<FR1 n41_Ant 2_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	14.19	14.21	14.17	15.00
100		1	137	13.86	14.03	13.96	15.00
100		1	271	13.81	13.91	13.92	15.00
100		135	0	13.73	13.91	13.76	15.00
100		135	69	14.17	14.19	14.15	15.00
100		135	138	14.04	14.05	13.87	15.00
100		270	0	13.97	14.13	13.93	15.00
100	QPSK	1	1	13.99	14.12	13.97	15.00
100		1	137	13.92	13.98	13.95	15.00
100		1	271	13.95	14.08	13.90	15.00
100		135	0	13.92	14.12	13.97	15.00
100		135	69	13.76	13.91	13.75	15.00
100		135	138	13.91	14.19	14.03	15.00
100		270	0	13.88	14.00	13.97	15.00
100	16QAM	1	1	13.80	13.99	13.97	15.00
100	64QAM	1	1	14.02	14.09	14.00	15.00
100	256QAM	1	1	14.07	14.13	14.02	15.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.08	14.02	14.04	15.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.04	14.09	14.06	15.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	14.05	14.20	14.15	15.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	13.99	14.19	14.15	15.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.09	14.15	14.10	15.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	14.11	14.16	14.01	15.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.13	14.15	14.02	15.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.11	14.17	14.09	15.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.12	14.08	14.03	15.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	13.98	14.00	14.03	15.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.09	14.02	14.11	15.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	14.07	14.06	14.08	15.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	14.11	14.05	14.06	15.00

<FR1 n41_HPUE_Ant 2_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.09	17.12	17.10	18.00
100		1	137	16.58	16.81	16.61	18.00
100		1	271	16.77	16.86	16.71	18.00
100		135	0	16.98	17.10	17.06	18.00
100		135	69	16.92	17.08	16.92	18.00
100		135	138	16.61	16.81	16.72	18.00
100		270	0	16.96	17.05	16.70	18.00
100	QPSK	1	1	16.76	16.87	16.84	18.00
100		1	137	16.66	16.86	16.71	18.00
100		1	271	16.69	16.97	16.71	18.00
100		135	0	16.77	17.04	16.84	18.00
100		135	69	16.73	16.88	16.63	18.00
100		135	138	16.83	17.02	16.86	18.00
100		270	0	16.81	17.02	16.70	18.00
100	16QAM	1	1	16.85	16.98	16.58	18.00
100	64QAM	1	1	16.68	16.79	16.60	18.00
100	256QAM	1	1	16.72	16.83	16.68	18.00
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.97	17.08	16.91	18.00
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.99	17.03	17.02	18.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.89	16.98	16.97	18.00
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.01	17.01	16.98	18.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.02	17.07	17.07	18.00
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	16.87	16.99	17.06	18.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.04	17.03	17.03	18.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	16.97	16.95	17.08	18.00
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.94	17.03	17.07	18.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	16.93	17.10	17.02	18.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.95	16.95	17.00	18.00
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.00	16.96	17.08	18.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	16.91	16.99	16.90	18.00

<FR1 n77 (27Q)_Ant 3_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.77		15.50
100		1	137		14.75		15.50
100		1	271		14.74		15.50
100		135	0		14.62		15.50
100		135	69		14.75		15.50
100		135	138		14.67		15.50
100		270	0		14.67		15.50
100	QPSK	1	1		14.69		15.50
100		1	137		14.60		15.50
100		1	271		14.62		15.50
100		135	0		14.71		15.50
100		135	69		14.69		15.50
100		135	138		14.66		15.50
100		270	0		14.75		15.50
100	16QAM	1	1		14.64		15.50
100	64QAM	1	1		14.65		15.50
100	256QAM	1	1		14.72		15.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.63	14.65	14.65	15.50
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.65	14.53	14.51	15.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.52	14.72	14.52	15.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.50	14.70	14.64	15.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.48	14.69	14.56	15.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.61	14.67	14.61	15.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.64	14.57	14.67	15.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	14.59	14.62	14.63	15.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.56	14.65	14.64	15.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.48	14.66	14.53	15.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.57	14.57	14.69	15.50

<FR1 n77 (27Q)_HPUE_Ant 3_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.77		18.50
100		1	137		17.59		18.50
100		1	271		17.67		18.50
100		135	0		17.65		18.50
100		135	69		17.74		18.50
100		135	138		17.70		18.50
100		270	0		17.71		18.50
100	QPSK	1	1		17.67		18.50
100		1	137		17.76		18.50
100		1	271		17.63		18.50
100		135	0		17.62		18.50
100		135	69		17.75		18.50
100		135	138		17.61		18.50
100		270	0		17.65		18.50
100	16QAM	1	1		17.76		18.50
100	64QAM	1	1		17.63		18.50
100	256QAM	1	1		17.75		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.54	17.68	17.56	18.50
Channel				632868	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.62	17.67	17.52	18.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.62	17.58	17.56	18.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.48	17.58	17.54	18.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.48	17.62	17.48	18.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.61	17.72	17.49	18.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.61	17.55	17.56	18.50
Channel				630834	633332	635832	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	17.52	17.57	17.60	18.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.50	17.70	17.46	18.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.55	17.59	17.55	18.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.58	17.55	17.44	18.50

<FR1 n77 (27O)_Ant 3_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	14.61	14.71	14.65	14.58	15.50
100		1	137	14.58	14.54	14.52	14.50	15.50
100		1	271	14.59	14.65	14.60	14.42	15.50
100	PI/2 BPSK	135	0	14.67	14.57	14.60	14.39	15.50
100		135	69	14.69	14.70	14.61	14.56	15.50
100		135	138	14.52	14.52	14.56	14.51	15.50
100		270	0	14.60	14.68	14.53	14.37	15.50
100		1	1	14.51	14.61	14.66	14.66	15.50
100		1	137	14.58	14.54	14.57	14.51	15.50
100		1	271	14.53	14.52	14.60	14.54	15.50
100	QPSK	135	0	14.53	14.62	14.65	14.49	15.50
100		135	69	14.65	14.63	14.67	14.54	15.50
100		135	138	14.62	14.58	14.52	14.37	15.50
100		270	0	14.70	14.60	14.67	14.62	15.50
100	16QAM	1	1	14.62	14.70	14.55	14.47	15.50
100	64QAM	1	1	14.58	14.58	14.65	14.61	15.50
100	256QAM	1	1	14.52	14.56	14.56	14.36	15.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	14.48	14.44	14.49	14.56	15.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	14.39	14.32	14.64	14.61	15.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	14.40	14.36	14.54	14.53	15.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	14.50	14.37	14.65	14.48	15.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	14.34	14.45	14.50	14.49	15.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	14.51	14.44	14.65	14.58	15.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	14.43	14.42	14.50	14.51	15.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	14.35	14.41	14.48	14.55	15.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	14.35	14.35	14.54	14.50	15.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	14.50	14.37	14.65	14.48	15.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	14.51	14.44	14.51	14.53	15.50

<FR1 n77 (27O)_HPUE_Ant 3_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.		Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	655968	661334	662000	
Frequency (MHz)				3750	3835.02	3920.01	3930	
100		1	1	17.71	17.78	17.69	17.62	18.50
100		1	137	17.71	17.60	17.75	17.70	18.50
100		1	271	17.68	17.76	17.65	17.49	18.50
100	PI/2 BPSK	135	0	17.59	17.82	17.63	17.61	18.50
100		135	69	17.67	17.77	17.65	17.56	18.50
100		135	138	17.76	17.72	17.69	17.64	18.50
100		270	0	17.62	17.72	17.70	17.60	18.50
100		1	1	17.61	17.71	17.66	17.62	18.50
100		1	137	17.66	17.66	17.63	17.52	18.50
100		1	271	17.70	17.76	17.68	17.58	18.50
100	QPSK	135	0	17.69	17.63	17.65	17.66	18.50
100		135	69	17.59	17.70	17.68	17.60	18.50
100		135	138	17.62	17.72	17.63	17.50	18.50
100		270	0	17.65	17.63	17.77	17.66	18.50
100	16QAM	1	1	17.70	17.72	17.63	17.48	18.50
100	64QAM	1	1	17.77	17.68	17.72	17.51	18.50
100	256QAM	1	1	17.61	17.76	17.77	17.55	18.50
Channel				649668	655500	661334	662332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3832.5	3920.01	3934.98	
90	PI/2 BPSK	1	1	17.50	17.61	17.59	17.59	18.50
Channel				649334	655334	661334	662666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3830.01	3920.01	3939.99	
80	PI/2 BPSK	1	1	17.42	17.55	17.52	17.51	18.50
Channel				649000	655168	661334	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3827.52	3920.01	3945	
70	PI/2 BPSK	1	1	17.43	17.47	17.62	17.56	18.50
Channel				648668	655000	661334	663332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3825	3920.01	3949.98	
60	PI/2 BPSK	1	1	17.51	17.61	17.49	17.59	18.50
Channel				648334	654834	661334	663666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3822.51	3920.01	3954.99	
50	PI/2 BPSK	1	1	17.55	17.57	17.63	17.51	18.50
Channel				648000	654668	661334	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3820.02	3920.01	3960	
40	PI/2 BPSK	1	1	17.46	17.62	17.59	17.64	18.50
Channel				647668	654500	661334	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3817.5	3920.01	3964.98	
30	PI/2 BPSK	1	1	17.58	17.51	17.54	17.68	18.50
Channel				647500	654418	661334	664500	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3816.27	3920.01	3967.5	
25	PI/2 BPSK	1	1	17.59	17.48	17.46	17.57	18.50
Channel				647334	654334	661334	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3815.01	3920.01	3969.99	
20	PI/2 BPSK	1	1	17.52	17.63	17.57	17.64	18.50
Channel				647168	654250	661334	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3813.75	3920.01	3972.48	
15	PI/2 BPSK	1	1	17.47	17.49	17.58	17.62	18.50
Channel				647000	654168	661334	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3812.52	3920.01	3975	
10	PI/2 BPSK	1	1	17.47	17.58	17.55	17.65	18.50

<FR1 n41_Ant 4_use PA (Reference Designator)_ECI 7>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	12.32	12.36	12.25	13.50
100		1	137	11.77	11.90	11.71	13.50
100		1	271	12.02	12.10	11.90	13.50
100	PI/2 BPSK	135	0	11.88	11.94	11.82	13.50
100		135	69	12.31	12.35	12.20	13.50
100		135	138	11.78	11.96	11.78	13.50
100		270	0	12.08	12.29	11.93	13.50
100		1	1	11.93	12.05	11.96	13.50
100		1	137	11.89	11.97	11.85	13.50
100		1	271	11.70	12.00	11.85	13.50
100	QPSK	135	0	12.01	12.12	12.01	13.50
100		135	69	11.77	11.97	11.89	13.50
100		135	138	11.98	12.02	11.91	13.50
100		270	0	12.01	12.05	12.10	13.50
100	16QAM	1	1	11.84	11.92	11.95	13.50
100	64QAM	1	1	11.91	12.03	12.14	13.50
100	256QAM	1	1	12.19	12.21	12.13	13.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	12.23	12.25	12.03	13.50
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	12.16	12.11	12.16	13.50
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	12.24	12.24	12.04	13.50
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	12.15	12.13	12.06	13.50
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	12.23	12.17	12.21	13.50
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	12.22	12.21	12.09	13.50
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	12.33	12.16	12.07	13.50
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	12.18	12.12	12.11	13.50
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	12.20	12.23	12.22	13.50
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	12.33	12.26	12.10	13.50
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	12.21	12.22	12.06	13.50
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	12.28	12.24	12.11	13.50
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	12.26	12.28	12.12	13.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100		1	1	15.09	15.11	15.00	16.50
100		1	137	14.76	14.88	14.67	16.50
100		1	271	14.81	14.79	14.75	16.50
100	PI/2 BPSK	135	0	14.72	15.00	14.73	16.50
100		135	69	15.03	15.08	14.95	16.50
100		135	138	14.78	15.03	14.88	16.50
100		270	0	14.92	15.01	14.89	16.50
100		1	1	14.56	14.86	14.67	16.50
100		1	137	14.90	14.94	14.73	16.50
100		1	271	14.84	15.09	14.94	16.50
100	QPSK	135	0	15.03	14.95	14.85	16.50
100		135	69	14.55	14.91	14.64	16.50
100		135	138	14.84	14.89	14.74	16.50
100		270	0	14.94	15.01	14.92	16.50
100	16QAM	1	1	14.82	14.99	14.71	16.50
100	64QAM	1	1	14.80	15.00	14.87	16.50
100	256QAM	1	1	14.81	14.98	14.78	16.50
Channel				508200	518598	528996	Tune-up Limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.98	14.65	14.93	16.50
Channel				507204	518598	529998	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	15.05	14.63	14.83	16.50
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	15.03	14.63	14.88	16.50
Channel				505200	518598	531996	Tune-up Limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.96	14.66	14.79	16.50
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	15.04	14.75	14.79	16.50
Channel				503700	518598	533496	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.99	2667.48	
45	PI/2 BPSK	1	1	15.03	14.67	14.89	16.50
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.91	14.69	14.92	16.50
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.99	2672.49	
35	PI/2 BPSK	1	1	14.90	14.79	14.95	16.50
Channel				502200	518598	534996	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.97	14.73	14.96	16.50
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.99	2677.5	
25	PI/2 BPSK	1	1	14.89	14.76	14.92	16.50
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.05	14.79	14.84	16.50
Channel				500700	518598	536496	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	15.08	14.81	14.93	16.50
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	15.06	14.64	14.91	16.50

<2.4GHz WLAN_Ant 6_Full Power>

2.4GHz WLAN_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	21.21	23.00	99.53
	6	2437	21.46	23.00	
	11	2462	22.01	23.00	
802.11g 6Mbps	1	2412	19.40	21.00	97.07
	6	2437	20.96	22.50	
	10	2457	19.80	21.50	
	11	2462	17.34	19.00	
802.11n-HT20 MCS0	1	2412	18.90	20.50	96.88
	6	2437	20.98	22.50	
	10	2457	19.30	21.00	
	11	2462	15.90	17.50	
802.11n-HT40 MCS0	3	2422	17.90	19.50	93.89
	6	2437	18.70	20.50	
	7	2442	17.70	19.00	
	8	2447	15.60	17.00	
	9	2452	14.40	16.00	
802.11ax-HE20 MCS0	1	2412	19.00	20.50	95.94
	6	2437	21.06	22.50	
	10	2457	19.40	21.00	
	11	2462	16.00	17.50	
802.11ax-HE40 MCS0	3	2422	18.00	19.50	92.43
	6	2437	18.80	20.50	
	7	2442	17.80	19.50	
	8	2447	15.70	17.00	
	9	2452	14.50	16.00	

<5.2GHz WLAN_Ant 6_Full Power>

5.2GHz WLAN_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	18.20	20.00	96.94
	40	5200	18.20	20.00	
	44	5220	19.52	21.00	
	48	5240	19.84	21.00	
802.11n-HT20 MCS0	36	5180	17.10	18.50	96.80
	40	5200	17.00	18.50	
	44	5220	19.44	21.00	
	48	5240	19.68	21.00	
802.11n-HT40 MCS0	38	5190	15.30	16.50	93.89
	46	5230	18.49	20.00	
802.11ac-VHT20 MCS0	36	5180	17.20	18.50	96.89
	40	5200	17.10	18.50	
	44	5220	19.57	21.00	
	48	5240	19.75	21.00	
802.11ac-VHT40 MCS0	38	5190	15.40	17.00	93.67
	46	5230	18.55	20.00	
802.11ac-VHT80 MCS0	42	5210	13.40	14.50	88.04
802.11ax-HE20 MCS0	36	5180	17.30	19.00	95.94
	40	5200	17.20	19.00	
	44	5220	19.61	21.00	
	48	5240	19.87	21.00	
802.11ax-HE40 MCS0	38	5190	15.50	17.00	92.55
	46	5230	18.76	20.00	
802.11ax-HE80 MCS0	42	5210	13.50	15.00	87.27

<5.3GHz WLAN_Ant 6_Full Power>

5.3GHz WLAN_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	19.43	21.00	96.94
	56	5280	19.40	21.00	
	60	5300	19.33	21.00	
	64	5320	18.70	20.00	
802.11n-HT20 MCS0	52	5260	19.33	21.00	96.80
	56	5280	19.20	21.00	
	60	5300	19.26	21.00	
	64	5320	17.30	19.00	
802.11n-HT40 MCS0	54	5270	18.26	20.00	93.89
	62	5310	17.40	19.00	
802.11ac-VHT20 MCS0	52	5260	19.48	21.00	96.89
	56	5280	19.30	21.00	
	60	5300	19.37	21.00	
	64	5320	17.40	19.00	
802.11ac-VHT40 MCS0	54	5270	18.34	20.00	93.67
	62	5310	17.50	19.00	
802.11ac-VHT80 MCS0	58	5290	16.10	17.50	88.04
802.11ax-HE20 MCS0	52	5260	19.51	21.00	95.94
	56	5280	19.40	21.00	
	60	5300	19.45	21.00	
	64	5320	17.50	19.00	
802.11ax-HE40 MCS0	54	5270	18.53	20.00	92.55
	62	5310	17.60	19.00	
802.11ax-HE80 MCS0	58	5290	16.20	17.50	87.27

<5.5GHz WLAN_Ant 6_Full Power>

5.5GHz WLAN_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	18.50	20.00	96.94
	116	5580	20.52	22.00	
	124	5620	20.40	22.00	
	132	5660	18.10	19.50	
	144	5720	20.38	22.00	
802.11n-HT20 MCS0	100	5500	16.10	17.50	96.80
	104	5520	19.30	21.00	
	116	5580	20.38	22.00	
	124	5620	20.30	22.00	
	132	5660	15.90	17.50	
	144	5720	20.19	22.00	
802.11n-HT40 MCS0	102	5510	16.50	18.00	93.89
	110	5550	19.11	21.00	
	126	5630	19.00	20.50	
	134	5670	18.50	20.00	
	142	5710	18.99	20.50	
802.11ac-VHT20 MCS0	100	5500	16.20	17.50	96.89
	104	5520	19.40	21.00	
	116	5580	20.52	22.00	
	124	5620	20.40	22.00	
	132	5660	16.00	17.50	
	144	5720	20.26	22.00	
802.11ac-VHT40 MCS0	102	5510	16.60	18.00	93.67
	110	5550	19.18	21.00	
	126	5630	19.10	20.50	
	134	5670	18.60	20.00	
	142	5710	19.17	21.00	
802.11ac-VHT80 MCS0	106	5530	15.00	16.50	88.04
	122	5610	17.82	19.50	
	138	5690	17.61	19.50	
802.11ax-HE20 MCS0	100	5500	16.30	18.00	95.94
	104	5520	19.50	21.00	
	116	5580	20.61	22.00	
	124	5620	20.50	22.00	
	132	5660	16.10	17.50	
	144	5720	20.39	22.00	
802.11ax-HE40 MCS0	102	5510	16.70	18.00	92.55
	110	5550	19.34	21.00	
	126	5630	19.20	20.50	
	134	5670	18.70	20.00	
	142	5710	19.37	21.00	
802.11ax-HE80 MCS0	106	5530	15.10	16.50	87.27
	122	5610	18.03	20.00	
	138	5690	17.91	19.50	

<5.8GHz WLAN_Ant 6_Full Power>

5.8GHz WLAN_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	20.39	22.00	96.94
	157	5785	20.54	22.00	
	165	5825	20.31	22.00	
802.11n-HT20 MCS0	149	5745	20.51	22.00	96.80
	157	5785	20.38	22.00	
	165	5825	20.23	22.00	
802.11n-HT40 MCS0	151	5755	18.58	20.00	93.89
	159	5795	18.45	20.00	
802.11ac-VHT20 MCS0	149	5745	20.53	22.00	96.89
	157	5785	20.44	22.00	
	165	5825	20.29	22.00	
802.11ac-VHT40 MCS0	151	5755	18.62	20.00	93.67
	159	5795	18.55	20.00	
802.11ac-VHT80 MCS0	155	5775	17.29	19.00	88.04
802.11ax-HE20 MCS0	149	5745	20.68	22.00	95.94
	157	5785	20.61	22.00	
	165	5825	20.34	22.00	
802.11ax-HE40 MCS0	151	5755	18.96	20.50	92.55
	159	5795	18.81	20.50	
802.11ax-HE80 MCS0	155	5775	17.51	19.00	87.27

<2.4GHz WLAN_Ant 6_Head Standalone>

2.4GHz WLAN_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	18.07	19.00	99.53
	6	2437	17.82	19.00	
	11	2462	18.09	19.00	
802.11g 6Mbps	1	2412	Not Required	19.00	Not Required
	6	2437	Not Required	19.00	
	10	2457	Not Required	19.00	
	11	2462	Not Required	19.00	
802.11n-HT20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437	Not Required	19.00	
	10	2457	Not Required	19.00	
	11	2462	Not Required	17.50	
802.11n-HT40 MCS0	3	2422	17.45	19.00	93.89
	6	2437	17.73	19.00	
	7	2442	17.70	19.00	
	8	2447	15.60	17.00	
	9	2452	14.40	16.00	
802.11ax-HE20 MCS0	1	2412	Not Required	19.00	Not Required
	6	2437	Not Required	19.00	
	10	2457	Not Required	19.00	
	11	2462	Not Required	17.50	
802.11ax-HE40 MCS0	3	2422	Not Required	19.00	Not Required
	6	2437	Not Required	19.00	
	7	2442	Not Required	19.00	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	

<5.2GHz WLAN_Ant 6_Head Standalone>

5.2GHz WLAN_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	13.50	Not Required
	40	5200	Not Required	13.50	
	44	5220	Not Required	13.50	
	48	5240	Not Required	13.50	
802.11n-HT20 MCS0	36	5180	Not Required	13.50	Not Required
	40	5200	Not Required	13.50	
	44	5220	Not Required	13.50	
	48	5240	Not Required	13.50	
802.11n-HT40 MCS0	38	5190	Not Required	13.50	Not Required
	46	5230	Not Required	13.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	13.50	Not Required
	40	5200	Not Required	13.50	
	44	5220	Not Required	13.50	
	48	5240	Not Required	13.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	13.50	Not Required
	46	5230	Not Required	13.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	13.50	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	13.50	Not Required
	40	5200	Not Required	13.50	
	44	5220	Not Required	13.50	
	48	5240	Not Required	13.50	
802.11ax-HE40 MCS0	38	5190	Not Required	13.50	Not Required
	46	5230	Not Required	13.50	
802.11ax-HE80 MCS0	42	5210	Not Required	13.50	Not Required

<5.3GHz WLAN_Ant 6_Head Standalone>

5.3GHz WLAN_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	13.50	Not Required
	56	5280	Not Required	13.50	
	60	5300	Not Required	13.50	
	64	5320	Not Required	13.50	
802.11n-HT20 MCS0	52	5260	Not Required	13.50	Not Required
	56	5280	Not Required	13.50	
	60	5300	Not Required	13.50	
	64	5320	Not Required	13.50	
802.11n-HT40 MCS0	54	5270	Not Required	13.50	Not Required
	62	5310	Not Required	13.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	13.50	Not Required
	56	5280	Not Required	13.50	
	60	5300	Not Required	13.50	
	64	5320	Not Required	13.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	13.50	Not Required
	62	5310	Not Required	13.50	
802.11ac-VHT80 MCS0	58	5290	13.03	13.50	88.04
802.11ax-HE20 MCS0	52	5260	Not Required	13.50	Not Required
	56	5280	Not Required	13.50	
	60	5300	Not Required	13.50	
	64	5320	Not Required	13.50	
802.11ax-HE40 MCS0	54	5270	Not Required	13.50	Not Required
	62	5310	Not Required	13.50	
802.11ax-HE80 MCS0	58	5290	Not Required	13.50	Not Required

<5.5GHz WLAN_Ant 6_Head Standalone>

5.5GHz WLAN_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	15.50	Not Required
	116	5580	Not Required	15.50	
	124	5620	Not Required	15.50	
	132	5660	Not Required	15.50	
	144	5720	Not Required	15.50	
802.11n-HT20 MCS0	100	5500	Not Required	15.50	Not Required
	104	5520	Not Required	19.00	
	116	5580	Not Required	15.50	
	124	5620	Not Required	15.50	
	132	5660	Not Required	15.50	
	144	5720	Not Required	15.50	
802.11n-HT40 MCS0	102	5510	Not Required	15.50	Not Required
	110	5550	Not Required	15.50	
	126	5630	Not Required	15.50	
	134	5670	Not Required	15.50	
	142	5710	Not Required	15.50	
802.11ac-VHT20 MCS0	100	5500	Not Required	15.50	Not Required
	104	5520	Not Required	15.50	
	116	5580	Not Required	15.50	
	124	5620	Not Required	15.50	
	132	5660	Not Required	15.50	
	144	5720	Not Required	15.50	
802.11ac-VHT40 MCS0	102	5510	Not Required	15.50	Not Required
	110	5550	Not Required	15.50	
	126	5630	Not Required	15.50	
	134	5670	Not Required	15.50	
	142	5710	Not Required	15.50	
802.11ac-VHT80 MCS0	106	5530	14.32	15.50	88.04
	122	5610	14.56	15.50	
	138	5690	14.51	15.50	
802.11ax-HE20 MCS0	100	5500	Not Required	15.50	Not Required
	104	5520	Not Required	15.50	
	116	5580	Not Required	15.50	
	124	5620	Not Required	15.50	
	132	5660	Not Required	15.50	
	144	5720	Not Required	15.50	
802.11ax-HE40 MCS0	102	5510	Not Required	15.50	Not Required
	110	5550	Not Required	15.50	
	126	5630	Not Required	15.50	
	134	5670	Not Required	15.50	
	142	5710	Not Required	15.50	
802.11ax-HE80 MCS0	106	5530	Not Required	15.50	Not Required
	122	5610	Not Required	15.50	
	138	5690	Not Required	15.50	

<5.8GHz WLAN_Ant 6_Head Standalone>

5.8GHz WLAN_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11n-HT20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11n-HT40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ac-VHT20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11ac-VHT40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ac-VHT80 MCS0	155	5775	14.02	14.50	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11ax-HE40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ax-HE80 MCS0	155	5775	Not Required	14.50	Not Required

<2.4GHz WLAN_Ant 6_Head Simultaneous>

2.4GHz WLAN_Ant 6_Head Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	11.83	13.00	99.53
	6	2437	11.78	13.00	
	11	2462	12.06	13.00	
802.11g 6Mbps	1	2412	Not Required	13.00	Not Required
	6	2437	Not Required	13.00	
	10	2457	Not Required	13.00	
	11	2462	Not Required	13.00	
802.11n-HT20 MCS0	1	2412	Not Required	13.00	Not Required
	6	2437	Not Required	13.00	
	10	2457	Not Required	13.00	
	11	2462	Not Required	13.00	
802.11n-HT40 MCS0	3	2422	Not Required	13.00	Not Required
	6	2437	Not Required	13.00	
	7	2442	Not Required	13.00	
	8	2447	Not Required	13.00	
	9	2452	Not Required	13.00	
802.11ax-HE20 MCS0	1	2412	Not Required	13.00	Not Required
	6	2437	Not Required	13.00	
	10	2457	Not Required	13.00	
	11	2462	Not Required	13.00	
802.11ax-HE40 MCS0	3	2422	Not Required	13.00	Not Required
	6	2437	Not Required	13.00	
	7	2442	Not Required	13.00	
	8	2447	Not Required	13.00	
	9	2452	Not Required	13.00	

<5.2GHz WLAN_Ant 6_Head Simultaneous>

5.2GHz WLAN_Ant 6_Head Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	9.50	Not Required
	40	5200	Not Required	9.50	
	44	5220	Not Required	9.50	
	48	5240	Not Required	9.50	
802.11n-HT20 MCS0	36	5180	Not Required	9.50	Not Required
	40	5200	Not Required	9.50	
	44	5220	Not Required	9.50	
	48	5240	Not Required	9.50	
802.11n-HT40 MCS0	38	5190	Not Required	9.50	Not Required
	46	5230	Not Required	9.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	9.50	Not Required
	40	5200	Not Required	9.50	
	44	5220	Not Required	9.50	
	48	5240	Not Required	9.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	9.50	Not Required
	46	5230	Not Required	9.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	9.50	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	9.50	Not Required
	40	5200	Not Required	9.50	
	44	5220	Not Required	9.50	
	48	5240	Not Required	9.50	
802.11ax-HE40 MCS0	38	5190	Not Required	9.50	Not Required
	46	5230	Not Required	9.50	
802.11ax-HE80 MCS0	42	5210	Not Required	9.50	Not Required

<5.3GHz WLAN_Ant 6_Head Simultaneous>

5.3GHz WLAN_Ant 6_Head Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	9.50	Not Required
	56	5280	Not Required	9.50	
	60	5300	Not Required	9.50	
	64	5320	Not Required	9.50	
802.11n-HT20 MCS0	52	5260	Not Required	9.50	Not Required
	56	5280	Not Required	9.50	
	60	5300	Not Required	9.50	
	64	5320	Not Required	9.50	
802.11n-HT40 MCS0	54	5270	Not Required	9.50	Not Required
	62	5310	Not Required	9.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	9.50	Not Required
	56	5280	Not Required	9.50	
	60	5300	Not Required	9.50	
	64	5320	Not Required	9.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	9.50	Not Required
	62	5310	Not Required	9.50	
802.11ac-VHT80 MCS0	58	5290	8.62	9.50	88.04
802.11ax-HE20 MCS0	52	5260	Not Required	9.50	Not Required
	56	5280	Not Required	9.50	
	60	5300	Not Required	9.50	
	64	5320	Not Required	9.50	
802.11ax-HE40 MCS0	54	5270	Not Required	9.50	Not Required
	62	5310	Not Required	9.50	
802.11ax-HE80 MCS0	58	5290	Not Required	9.50	Not Required

<5.5GHz WLAN_Ant 6_Head Simultaneous>

5.5GHz WLAN_Ant 6_Head Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	11.00	Not Required
	116	5580	Not Required	11.00	
	124	5620	Not Required	11.00	
	132	5660	Not Required	11.00	
	144	5720	Not Required	11.00	
802.11n-HT20 MCS0	100	5500	Not Required	11.00	Not Required
	104	5520	Not Required	11.00	
	116	5580	Not Required	11.00	
	124	5620	Not Required	11.00	
	132	5660	Not Required	11.00	
	144	5720	Not Required	11.00	
802.11n-HT40 MCS0	102	5510	Not Required	11.00	Not Required
	110	5550	Not Required	11.00	
	126	5630	Not Required	11.00	
	134	5670	Not Required	11.00	
	142	5710	Not Required	11.00	
802.11ac-VHT20 MCS0	100	5500	Not Required	11.00	Not Required
	104	5520	Not Required	11.00	
	116	5580	Not Required	11.00	
	124	5620	Not Required	11.00	
	132	5660	Not Required	11.00	
	144	5720	Not Required	11.00	
802.11ac-VHT40 MCS0	102	5510	Not Required	11.00	Not Required
	110	5550	Not Required	11.00	
	126	5630	Not Required	11.00	
	134	5670	Not Required	11.00	
	142	5710	Not Required	11.00	
802.11ac-VHT80 MCS0	106	5530	9.81	11.00	88.04
	122	5610	10.00	11.00	
	138	5690	9.98	11.00	
802.11ax-HE20 MCS0	100	5500	Not Required	11.00	Not Required
	104	5520	Not Required	11.00	
	116	5580	Not Required	11.00	
	124	5620	Not Required	11.00	
	132	5660	Not Required	11.00	
	144	5720	Not Required	11.00	
802.11ax-HE40 MCS0	102	5510	Not Required	11.00	Not Required
	110	5550	Not Required	11.00	
	126	5630	Not Required	11.00	
	134	5670	Not Required	11.00	
	142	5710	Not Required	11.00	
802.11ax-HE80 MCS0	106	5530	Not Required	11.00	Not Required
	122	5610	Not Required	11.00	
	138	5690	Not Required	11.00	

<5.8GHz WLAN_Ant 6_Head Simultaneous>

5.8GHz WLAN_Ant 6_Head Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	10.50	Not Required
	157	5785	Not Required	10.50	
	165	5825	Not Required	10.50	
802.11n-HT20 MCS0	149	5745	Not Required	10.50	Not Required
	157	5785	Not Required	10.50	
	165	5825	Not Required	10.50	
802.11n-HT40 MCS0	151	5755	Not Required	10.50	Not Required
	159	5795	Not Required	10.50	
802.11ac-VHT20 MCS0	149	5745	Not Required	10.50	Not Required
	157	5785	Not Required	10.50	
	165	5825	Not Required	10.50	
802.11ac-VHT40 MCS0	151	5755	Not Required	10.50	Not Required
	159	5795	Not Required	10.50	
802.11ac-VHT80 MCS0	155	5775	9.74	10.50	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	10.50	Not Required
	157	5785	Not Required	10.50	
	165	5825	Not Required	10.50	
802.11ax-HE40 MCS0	151	5755	Not Required	10.50	Not Required
	159	5795	Not Required	10.50	
802.11ax-HE80 MCS0	155	5775	Not Required	10.50	Not Required

<2.4GHz WLAN_Ant 6_Body worn Standalone>

2.4GHz WLAN_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	20.60	22.00	99.53
	6	2437	20.73	22.00	
	11	2462	21.31	22.00	
802.11g 6Mbps	1	2412	Not Required	21.00	Not Required
	6	2437	Not Required	22.00	
	10	2457	Not Required	21.50	
	11	2462	Not Required	19.00	
802.11n-HT20 MCS0	1	2412	Not Required	20.50	Not Required
	6	2437	Not Required	22.00	
	10	2457	Not Required	21.00	
	11	2462	Not Required	17.50	
802.11n-HT40 MCS0	3	2422	17.90	19.50	93.89
	6	2437	18.70	20.50	
	7	2442	17.70	19.00	
	8	2447	15.60	17.00	
	9	2452	14.40	16.00	
802.11ax-HE20 MCS0	1	2412	Not Required	20.50	Not Required
	6	2437	Not Required	22.00	
	10	2457	Not Required	21.00	
	11	2462	Not Required	17.50	
802.11ax-HE40 MCS0	3	2422	Not Required	19.50	Not Required
	6	2437	Not Required	20.50	
	7	2442	Not Required	19.50	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	

<5.2GHz WLAN_Ant 6_Body worn Standalone>

5.2GHz WLAN_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11n-HT20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11n-HT40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11ax-HE40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ax-HE80 MCS0	42	5210	Not Required	14.50	Not Required

<5.3GHz WLAN_Ant 6_Body worn Standalone>

5.3GHz WLAN_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11n-HT20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11n-HT40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ac-VHT80 MCS0	58	5290	13.03	14.50	88.04
802.11ax-HE20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11ax-HE40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ax-HE80 MCS0	58	5290	Not Required	14.50	Not Required

<5.5GHz WLAN_Ant 6_Body worn Standalone>

5.5GHz WLAN_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	16.50	Not Required
	116	5580	Not Required	16.50	
	124	5620	Not Required	16.50	
	132	5660	Not Required	16.50	
	144	5720	Not Required	16.50	
802.11n-HT20 MCS0	100	5500	Not Required	16.50	Not Required
	104	5520	Not Required	16.50	
	116	5580	Not Required	16.50	
	124	5620	Not Required	16.50	
	132	5660	Not Required	16.50	
	144	5720	Not Required	16.50	
802.11n-HT40 MCS0	102	5510	Not Required	16.50	Not Required
	110	5550	Not Required	16.50	
	126	5630	Not Required	16.50	
	134	5670	Not Required	16.50	
	142	5710	Not Required	16.50	
802.11ac-VHT20 MCS0	100	5500	Not Required	16.50	Not Required
	104	5520	Not Required	16.50	
	116	5580	Not Required	16.50	
	124	5620	Not Required	16.50	
	132	5660	Not Required	16.50	
	144	5720	Not Required	16.50	
802.11ac-VHT40 MCS0	102	5510	Not Required	16.50	Not Required
	110	5550	Not Required	16.50	
	126	5630	Not Required	16.50	
	134	5670	Not Required	16.50	
	142	5710	Not Required	16.50	
802.11ac-VHT80 MCS0	106	5530	15.00	16.50	88.04
	122	5610	15.52	16.50	
	138	5690	15.56	16.50	
802.11ax-HE20 MCS0	100	5500	Not Required	16.50	Not Required
	104	5520	Not Required	16.50	
	116	5580	Not Required	16.50	
	124	5620	Not Required	16.50	
	132	5660	Not Required	16.50	
	144	5720	Not Required	16.50	
802.11ax-HE40 MCS0	102	5510	Not Required	16.50	Not Required
	110	5550	Not Required	16.50	
	126	5630	Not Required	16.50	
	134	5670	Not Required	16.50	
	142	5710	Not Required	16.50	
802.11ax-HE80 MCS0	106	5530	Not Required	16.50	Not Required
	122	5610	Not Required	16.50	
	138	5690	Not Required	16.50	

<5.8GHz WLAN_Ant 6_Body worn Standalone>

5.8GHz WLAN_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	16.00	Not Required
	157	5785	Not Required	16.00	
	165	5825	Not Required	16.00	
802.11n-HT20 MCS0	149	5745	Not Required	16.00	Not Required
	157	5785	Not Required	16.00	
	165	5825	Not Required	16.00	
802.11n-HT40 MCS0	151	5755	Not Required	16.00	Not Required
	159	5795	Not Required	16.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	16.00	Not Required
	157	5785	Not Required	16.00	
	165	5825	Not Required	16.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	16.00	Not Required
	159	5795	Not Required	16.00	
802.11ac-VHT80 MCS0	155	5775	15.36	16.00	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	16.00	Not Required
	157	5785	Not Required	16.00	
	165	5825	Not Required	16.00	
802.11ax-HE40 MCS0	151	5755	Not Required	16.00	Not Required
	159	5795	Not Required	16.00	
802.11ax-HE80 MCS0	155	5775	Not Required	16.00	Not Required

<2.4GHz WLAN_Ant 6_Extremity Standalone>

2.4GHz WLAN_Ant 6_Extremity Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	21.21	23.00	99.53
	6	2437	21.46	23.00	
	11	2462	22.01	23.00	
802.11g 6Mbps	1	2412	19.40	21.00	97.07
	6	2437	20.96	22.50	
	10	2457	19.80	21.50	
	11	2462	17.34	19.00	
802.11n-HT20 MCS0	1	2412	18.90	20.50	96.88
	6	2437	20.98	22.50	
	10	2457	19.30	21.00	
	11	2462	15.90	17.50	
802.11n-HT40 MCS0	3	2422	17.90	19.50	93.89
	6	2437	18.70	20.50	
	7	2442	17.70	19.00	
	8	2447	15.60	17.00	
	9	2452	14.40	16.00	
802.11ax-HE20 MCS0	1	2412	19.00	20.50	95.94
	6	2437	21.06	22.50	
	10	2457	19.40	21.00	
	11	2462	16.00	17.50	
802.11ax-HE40 MCS0	3	2422	18.00	19.50	92.43
	6	2437	18.80	20.50	
	7	2442	17.80	19.50	
	8	2447	15.70	17.00	
	9	2452	14.50	16.00	

<5.2GHz WLAN_Ant 6_Extremity Standalone>

5.2GHz WLAN_Ant 6_Extremity Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	20.00	Not Required
	40	5200	Not Required	20.00	
	44	5220	Not Required	20.00	
	48	5240	Not Required	20.00	
802.11n-HT20 MCS0	36	5180	Not Required	18.50	Not Required
	40	5200	Not Required	18.50	
	44	5220	Not Required	20.00	
	48	5240	Not Required	20.00	
802.11n-HT40 MCS0	38	5190	Not Required	16.50	Not Required
	46	5230	Not Required	20.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	18.50	Not Required
	40	5200	Not Required	18.50	
	44	5220	Not Required	20.00	
	48	5240	Not Required	20.00	
802.11ac-VHT40 MCS0	38	5190	Not Required	17.00	Not Required
	46	5230	Not Required	20.00	
802.11ac-VHT80 MCS0	42	5210	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	19.00	Not Required
	40	5200	Not Required	19.00	
	44	5220	Not Required	20.00	
	48	5240	Not Required	20.00	
802.11ax-HE40 MCS0	38	5190	Not Required	17.00	Not Required
	46	5230	Not Required	20.00	
802.11ax-HE80 MCS0	42	5210	Not Required	15.00	Not Required

<5.3GHz WLAN_Ant 6_Extremity Standalone>

5.3GHz WLAN_Ant 6_Extremity Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	20.00	Not Required
	56	5280	Not Required	20.00	
	60	5300	Not Required	20.00	
	64	5320	Not Required	20.00	
802.11n-HT20 MCS0	52	5260	Not Required	20.00	Not Required
	56	5280	Not Required	20.00	
	60	5300	Not Required	20.00	
	64	5320	Not Required	19.00	
802.11n-HT40 MCS0	54	5270	18.26	20.00	93.89
	62	5310	17.40	19.00	
802.11ac-VHT20 MCS0	52	5260	Not Required	20.00	Not Required
	56	5280	Not Required	20.00	
	60	5300	Not Required	20.00	
	64	5320	Not Required	19.00	
802.11ac-VHT40 MCS0	54	5270	Not Required	20.00	Not Required
	62	5310	Not Required	19.00	
802.11ac-VHT80 MCS0	58	5290	Not Required	17.50	Not Required
802.11ax-HE20 MCS0	52	5260	Not Required	20.00	Not Required
	56	5280	Not Required	20.00	
	60	5300	Not Required	20.00	
	64	5320	Not Required	19.00	
802.11ax-HE40 MCS0	54	5270	Not Required	20.00	Not Required
	62	5310	Not Required	19.00	
802.11ax-HE80 MCS0	58	5290	Not Required	17.50	Not Required

<5.5GHz WLAN_Ant 6_Extremity Standalone>

5.5GHz WLAN_Ant 6_Extremity Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	20.00	Not Required
	116	5580	Not Required	21.00	
	124	5620	Not Required	21.00	
	132	5660	Not Required	19.50	
	144	5720	Not Required	21.00	
802.11n-HT20 MCS0	100	5500	Not Required	17.50	Not Required
	104	5520	Not Required	21.00	
	116	5580	Not Required	21.00	
	124	5620	Not Required	21.00	
	132	5660	Not Required	17.50	
	144	5720	Not Required	21.00	
802.11n-HT40 MCS0	102	5510	16.50	18.00	93.89
	110	5550	19.11	21.00	
	126	5630	19.00	20.50	
	134	5670	18.50	20.00	
	142	5710	18.99	20.50	
802.11ac-VHT20 MCS0	100	5500	Not Required	17.50	Not Required
	104	5520	Not Required	21.00	
	116	5580	Not Required	21.00	
	124	5620	Not Required	21.00	
	132	5660	Not Required	17.50	
	144	5720	Not Required	21.00	
802.11ac-VHT40 MCS0	102	5510	Not Required	18.00	Not Required
	110	5550	Not Required	21.00	
	126	5630	Not Required	20.50	
	134	5670	Not Required	20.00	
	142	5710	Not Required	21.00	
802.11ac-VHT80 MCS0	106	5530	Not Required	16.50	Not Required
	122	5610	Not Required	19.50	
	138	5690	Not Required	19.50	
802.11ax-HE20 MCS0	100	5500	Not Required	18.00	Not Required
	104	5520	Not Required	21.00	
	116	5580	Not Required	21.00	
	124	5620	Not Required	21.00	
	132	5660	Not Required	17.50	
	144	5720	Not Required	21.00	
802.11ax-HE40 MCS0	102	5510	Not Required	18.00	Not Required
	110	5550	Not Required	21.00	
	126	5630	Not Required	20.50	
	134	5670	Not Required	20.00	
	142	5710	Not Required	21.00	
802.11ax-HE80 MCS0	106	5530	Not Required	16.50	Not Required
	122	5610	Not Required	20.00	
	138	5690	Not Required	19.50	

<5.8GHz WLAN_Ant 6_Extremity Standalone>

5.8GHz WLAN_Ant 6_Extremity Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	19.92	21.50	96.94
	157	5785	20.06	21.50	
	165	5825	19.86	21.50	
802.11n-HT20 MCS0	149	5745	Not Required	21.50	Not Required
	157	5785	Not Required	21.50	
	165	5825	Not Required	21.50	
802.11n-HT40 MCS0	151	5755	Not Required	20.00	Not Required
	159	5795	Not Required	20.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	21.50	Not Required
	157	5785	Not Required	21.50	
	165	5825	Not Required	21.50	
802.11ac-VHT40 MCS0	151	5755	Not Required	20.00	Not Required
	159	5795	Not Required	20.00	
802.11ac-VHT80 MCS0	155	5775	Not Required	19.00	Not Required
802.11ax-HE20 MCS0	149	5745	Not Required	21.50	Not Required
	157	5785	Not Required	21.50	
	165	5825	Not Required	21.50	
802.11ax-HE40 MCS0	151	5755	Not Required	20.50	Not Required
	159	5795	Not Required	20.50	
802.11ax-HE80 MCS0	155	5775	Not Required	19.00	Not Required

<2.4GHz WLAN_Ant 6_Hotspot>

2.4GHz WLAN_Ant 6_Hotspot			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	16.86	18.00	99.53
	6	2437	16.62	18.00	
	11	2462	17.02	18.00	
802.11g 6Mbps	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	18.00	
802.11n-HT20 MCS0	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	17.50	
802.11n-HT40 MCS0	3	2422	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	7	2442	Not Required	18.00	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	
802.11ax-HE20 MCS0	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	17.50	
802.11ax-HE40 MCS0	3	2422	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	7	2442	Not Required	18.00	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	

<5.2GHz WLAN_Ant 6_Hotspot>

5.2GHz WLAN_Ant 6_Hotspot			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	12.00	Not Required
	40	5200	Not Required	12.00	
	44	5220	Not Required	12.00	
	48	5240	Not Required	12.00	
802.11n-HT20 MCS0	36	5180	Not Required	12.00	Not Required
	40	5200	Not Required	12.00	
	44	5220	Not Required	12.00	
	48	5240	Not Required	12.00	
802.11n-HT40 MCS0	38	5190	Not Required	12.00	Not Required
	46	5230	Not Required	12.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	12.00	Not Required
	40	5200	Not Required	12.00	
	44	5220	Not Required	12.00	
	48	5240	Not Required	12.00	
802.11ac-VHT40 MCS0	38	5190	Not Required	12.00	Not Required
	46	5230	Not Required	12.00	
802.11ac-VHT80 MCS0	42	5210	11.87	12.00	88.04
802.11ax-HE20 MCS0	36	5180	Not Required	12.00	Not Required
	40	5200	Not Required	12.00	
	44	5220	Not Required	12.00	
	48	5240	Not Required	12.00	
802.11ax-HE40 MCS0	38	5190	Not Required	12.00	Not Required
	46	5230	Not Required	12.00	
802.11ax-HE80 MCS0	42	5210	Not Required	12.00	Not Required

<5.8GHz WLAN_Ant 6_Hotspot>

5.8GHz WLAN_Ant 6_Hotspot			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11n-HT20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11n-HT40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ac-VHT20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11ac-VHT40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ac-VHT80 MCS0	155	5775	13.68	14.50	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	14.50	Not Required
	157	5785	Not Required	14.50	
	165	5825	Not Required	14.50	
802.11ax-HE40 MCS0	151	5755	Not Required	14.50	Not Required
	159	5795	Not Required	14.50	
802.11ax-HE80 MCS0	155	5775	Not Required	14.50	Not Required

<2.4GHz WLAN_Ant 6_Body worn Simultaneous>

2.4GHz WLAN_Ant 6_Body worn Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	13.13	14.50	99.53
	6	2437	13.16	14.50	
	11	2462	13.21	14.50	
802.11g 6Mbps	1	2412	Not Required	14.50	Not Required
	6	2437	Not Required	14.50	
	10	2457	Not Required	14.50	
	11	2462	Not Required	14.50	
802.11n-HT20 MCS0	1	2412	Not Required	14.50	Not Required
	6	2437	Not Required	14.50	
	10	2457	Not Required	14.50	
	11	2462	Not Required	14.50	
802.11n-HT40 MCS0	3	2422	Not Required	14.50	Not Required
	6	2437	Not Required	14.50	
	7	2442	Not Required	14.50	
	8	2447	Not Required	14.50	
	9	2452	Not Required	14.50	
802.11ax-HE20 MCS0	1	2412	Not Required	14.50	Not Required
	6	2437	Not Required	14.50	
	10	2457	Not Required	14.50	
	11	2462	Not Required	14.50	
802.11ax-HE40 MCS0	3	2422	Not Required	14.50	Not Required
	6	2437	Not Required	14.50	
	7	2442	Not Required	14.50	
	8	2447	Not Required	14.50	
	9	2452	Not Required	14.50	

<5.2GHz WLAN_Ant 6_Body worn Simultaneous>

5.2GHz WLAN_Ant 6_Body worn Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	10.00	Not Required
	40	5200	Not Required	10.00	
	44	5220	Not Required	10.00	
	48	5240	Not Required	10.00	
802.11n-HT20 MCS0	36	5180	Not Required	10.00	Not Required
	40	5200	Not Required	10.00	
	44	5220	Not Required	10.00	
	48	5240	Not Required	10.00	
802.11n-HT40 MCS0	38	5190	Not Required	10.00	Not Required
	46	5230	Not Required	10.00	
802.11ac-VHT20 MCS0	36	5180	Not Required	10.00	Not Required
	40	5200	Not Required	10.00	
	44	5220	Not Required	10.00	
	48	5240	Not Required	10.00	
802.11ac-VHT40 MCS0	38	5190	Not Required	10.00	Not Required
	46	5230	Not Required	10.00	
802.11ac-VHT80 MCS0	42	5210	Not Required	10.00	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	10.00	Not Required
	40	5200	Not Required	10.00	
	44	5220	Not Required	10.00	
	48	5240	Not Required	10.00	
802.11ax-HE40 MCS0	38	5190	Not Required	10.00	Not Required
	46	5230	Not Required	10.00	
802.11ax-HE80 MCS0	42	5210	Not Required	10.00	Not Required

<5.3GHz WLAN_Ant 6_Body worn Simultaneous>

5.3GHz WLAN_Ant 6_Body worn Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	10.00	Not Required
	56	5280	Not Required	10.00	
	60	5300	Not Required	10.00	
	64	5320	Not Required	10.00	
802.11n-HT20 MCS0	52	5260	Not Required	10.00	Not Required
	56	5280	Not Required	10.00	
	60	5300	Not Required	10.00	
	64	5320	Not Required	10.00	
802.11n-HT40 MCS0	54	5270	Not Required	10.00	Not Required
	62	5310	Not Required	10.00	
802.11ac-VHT20 MCS0	52	5260	Not Required	10.00	Not Required
	56	5280	Not Required	10.00	
	60	5300	Not Required	10.00	
	64	5320	Not Required	10.00	
802.11ac-VHT40 MCS0	54	5270	Not Required	10.00	Not Required
	62	5310	Not Required	10.00	
802.11ac-VHT80 MCS0	58	5290	8.86	10.00	88.04
802.11ax-HE20 MCS0	52	5260	Not Required	10.00	Not Required
	56	5280	Not Required	10.00	
	60	5300	Not Required	10.00	
	64	5320	Not Required	10.00	
802.11ax-HE40 MCS0	54	5270	Not Required	10.00	Not Required
	62	5310	Not Required	10.00	
802.11ax-HE80 MCS0	58	5290	Not Required	10.00	Not Required

<5.5GHz WLAN_Ant 6_Body worn Simultaneous>

5.5GHz WLAN_Ant 6_Body worn Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	12.50	Not Required
	116	5580	Not Required	12.50	
	124	5620	Not Required	12.50	
	132	5660	Not Required	12.50	
	144	5720	Not Required	12.50	
802.11n-HT20 MCS0	100	5500	Not Required	12.50	Not Required
	104	5520	Not Required	12.50	
	116	5580	Not Required	12.50	
	124	5620	Not Required	12.50	
	132	5660	Not Required	12.50	
	144	5720	Not Required	12.50	
802.11n-HT40 MCS0	102	5510	Not Required	12.50	Not Required
	110	5550	Not Required	12.50	
	126	5630	Not Required	12.50	
	134	5670	Not Required	12.50	
	142	5710	Not Required	12.50	
802.11ac-VHT20 MCS0	100	5500	Not Required	12.50	Not Required
	104	5520	Not Required	12.50	
	116	5580	Not Required	12.50	
	124	5620	Not Required	12.50	
	132	5660	Not Required	12.50	
	144	5720	Not Required	12.50	
802.11ac-VHT40 MCS0	102	5510	Not Required	12.50	Not Required
	110	5550	Not Required	12.50	
	126	5630	Not Required	12.50	
	134	5670	Not Required	12.50	
	142	5710	Not Required	12.50	
802.11ac-VHT80 MCS0	106	5530	10.97	12.50	88.04
	122	5610	11.30	12.50	
	138	5690	11.25	12.50	
802.11ax-HE20 MCS0	100	5500	Not Required	12.50	Not Required
	104	5520	Not Required	12.50	
	116	5580	Not Required	12.50	
	124	5620	Not Required	12.50	
	132	5660	Not Required	12.50	
	144	5720	Not Required	12.50	
802.11ax-HE40 MCS0	102	5510	Not Required	12.50	Not Required
	110	5550	Not Required	12.50	
	126	5630	Not Required	12.50	
	134	5670	Not Required	12.50	
	142	5710	Not Required	12.50	
802.11ax-HE80 MCS0	106	5530	Not Required	12.50	Not Required
	122	5610	Not Required	12.50	
	138	5690	Not Required	12.50	

<5.8GHz WLAN_Ant 6_Body worn Simultaneous>

5.8GHz WLAN_Ant 6_Body worn Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	12.00	Not Required
	157	5785	Not Required	12.00	
	165	5825	Not Required	12.00	
802.11n-HT20 MCS0	149	5745	Not Required	12.00	Not Required
	157	5785	Not Required	12.00	
	165	5825	Not Required	12.00	
802.11n-HT40 MCS0	151	5755	Not Required	12.00	Not Required
	159	5795	Not Required	12.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	12.00	Not Required
	157	5785	Not Required	12.00	
	165	5825	Not Required	12.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	12.00	Not Required
	159	5795	Not Required	12.00	
802.11ac-VHT80 MCS0	155	5775	10.90	12.00	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	12.00	Not Required
	157	5785	Not Required	12.00	
	165	5825	Not Required	12.00	
802.11ax-HE40 MCS0	151	5755	Not Required	12.00	Not Required
	159	5795	Not Required	12.00	
802.11ax-HE80 MCS0	155	5775	Not Required	12.00	Not Required

<2.4GHz WLAN_Ant 6_Extremity Simultaneous>

2.4GHz WLAN_Ant 6_Extremity Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11b 1Mbps	1	2412	16.86	18.00	99.53
	6	2437	16.62	18.00	
	11	2462	17.02	18.00	
802.11g 6Mbps	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	18.00	
802.11n-HT20 MCS0	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	18.00	
802.11n-HT40 MCS0	3	2422	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	7	2442	Not Required	18.00	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	
802.11ax-HE20 MCS0	1	2412	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	10	2457	Not Required	18.00	
	11	2462	Not Required	17.50	
802.11ax-HE40 MCS0	3	2422	Not Required	18.00	Not Required
	6	2437	Not Required	18.00	
	7	2442	Not Required	18.00	
	8	2447	Not Required	17.00	
	9	2452	Not Required	16.00	

<5.2GHz WLAN_Ant 6_Extremity Simultaneous>

5.2GHz WLAN_Ant 6_Extremity Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11n-HT20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11n-HT40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ac-VHT20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11ac-VHT40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ac-VHT80 MCS0	42	5210	Not Required	14.50	Not Required
802.11ax-HE20 MCS0	36	5180	Not Required	14.50	Not Required
	40	5200	Not Required	14.50	
	44	5220	Not Required	14.50	
	48	5240	Not Required	14.50	
802.11ax-HE40 MCS0	38	5190	Not Required	14.50	Not Required
	46	5230	Not Required	14.50	
802.11ax-HE80 MCS0	42	5210	Not Required	14.50	Not Required

<5.3GHz WLAN_Ant 6_Extremity Simultaneous>

5.3GHz WLAN_Ant 6_Extremity Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11n-HT20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11n-HT40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ac-VHT20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11ac-VHT40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ac-VHT80 MCS0	58	5290	13.52	14.50	88.04
802.11ax-HE20 MCS0	52	5260	Not Required	14.50	Not Required
	56	5280	Not Required	14.50	
	60	5300	Not Required	14.50	
	64	5320	Not Required	14.50	
802.11ax-HE40 MCS0	54	5270	Not Required	14.50	Not Required
	62	5310	Not Required	14.50	
802.11ax-HE80 MCS0	58	5290	Not Required	14.50	Not Required

<5.5GHz WLAN_Ant 6_Extremity Simultaneous>

5.5GHz WLAN_Ant 6_Extremity Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	100	5500	Not Required	16.00	Not Required
	116	5580	Not Required	16.00	
	124	5620	Not Required	16.00	
	132	5660	Not Required	16.00	
	144	5720	Not Required	16.00	
802.11n-HT20 MCS0	100	5500	Not Required	16.00	Not Required
	104	5520	Not Required	16.00	
	116	5580	Not Required	16.00	
	124	5620	Not Required	16.00	
	132	5660	Not Required	16.00	
	144	5720	Not Required	16.00	
802.11n-HT40 MCS0	102	5510	Not Required	16.00	Not Required
	110	5550	Not Required	16.00	
	126	5630	Not Required	16.00	
	134	5670	Not Required	16.00	
	142	5710	Not Required	16.00	
802.11ac-VHT20 MCS0	100	5500	Not Required	16.00	Not Required
	104	5520	Not Required	16.00	
	116	5580	Not Required	16.00	
	124	5620	Not Required	16.00	
	132	5660	Not Required	16.00	
	144	5720	Not Required	16.00	
802.11ac-VHT40 MCS0	102	5510	Not Required	16.00	Not Required
	110	5550	Not Required	16.00	
	126	5630	Not Required	16.00	
	134	5670	Not Required	16.00	
	142	5710	Not Required	16.00	
802.11ac-VHT80 MCS0	106	5530	14.55	16.00	88.04
	122	5610	14.63	16.00	
	138	5690	14.59	16.00	
802.11ax-HE20 MCS0	100	5500	Not Required	16.00	Not Required
	104	5520	Not Required	16.00	
	116	5580	Not Required	16.00	
	124	5620	Not Required	16.00	
	132	5660	Not Required	16.00	
	144	5720	Not Required	16.00	
802.11ax-HE40 MCS0	102	5510	Not Required	16.00	Not Required
	110	5550	Not Required	16.00	
	126	5630	Not Required	16.00	
	134	5670	Not Required	16.00	
	142	5710	Not Required	16.00	
802.11ax-HE80 MCS0	106	5530	Not Required	16.00	Not Required
	122	5610	Not Required	16.00	
	138	5690	Not Required	16.00	

<5.8GHz WLAN_Ant 6_Extremity Simultaneous>

5.8GHz WLAN_Ant 6_Extremity Simultaneous			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
802.11a 6Mbps	149	5745	Not Required	15.00	Not Required
	157	5785	Not Required	15.00	
	165	5825	Not Required	15.00	
802.11n-HT20 MCS0	149	5745	Not Required	15.00	Not Required
	157	5785	Not Required	15.00	
	165	5825	Not Required	15.00	
802.11n-HT40 MCS0	151	5755	Not Required	15.00	Not Required
	159	5795	Not Required	15.00	
802.11ac-VHT20 MCS0	149	5745	Not Required	15.00	Not Required
	157	5785	Not Required	15.00	
	165	5825	Not Required	15.00	
802.11ac-VHT40 MCS0	151	5755	Not Required	15.00	Not Required
	159	5795	Not Required	15.00	
802.11ac-VHT80 MCS0	155	5775	13.42	15.00	88.04
802.11ax-HE20 MCS0	149	5745	Not Required	15.00	Not Required
	157	5785	Not Required	15.00	
	165	5825	Not Required	15.00	
802.11ax-HE40 MCS0	151	5755	Not Required	15.00	Not Required
	159	5795	Not Required	15.00	
802.11ax-HE80 MCS0	155	5775	Not Required	15.00	Not Required

<Bluetooth_Ant 6_Full Power>

Bluetooth_Ant 6_Full Power			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	9.50	12.00	76.80
	39	2441	10.60	12.00	
	78	2480	9.20	12.00	
BR / EDR 2Mbps	0	2402	7.40	9.00	76.93
	39	2441	7.80	9.00	
	78	2480	7.20	9.00	
BR / EDR 3Mbps	0	2402	7.30	9.00	76.93
	39	2441	7.70	9.00	
	78	2480	7.10	9.00	
LE 125kbps	0	2402	2.20	4.00	82.38
	19	2440	3.10	4.00	
	39	2480	2.10	4.00	
LE 500kbps	0	2402	2.30	4.00	56.62
	19	2440	3.10	4.00	
	39	2480	2.20	4.00	
LE 1Mbps	0	2402	2.30	4.00	61.44
	19	2440	3.10	4.00	
	39	2480	2.20	4.00	
LE 2Mbps	1	2404	2.50	4.00	32.00
	19	2440	3.20	4.00	
	38	2478	2.30	4.00	

<Bluetooth_Ant 6_Head Standalone>

Bluetooth_Ant 6_Head Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	9.50	12.00	76.80
	39	2441	10.60	12.00	
	78	2480	9.20	12.00	
BR / EDR 2Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
BR / EDR 3Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
LE 125kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 500kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 1Mbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 2Mbps	1	2404	Not Required	7.00	Not Required
	19	2440	Not Required	7.00	
	38	2478	Not Required	7.00	

<Bluetooth_Ant 6_Body worn Standalone>

Bluetooth_Ant 6_Body worn Standalone			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	9.50	12.00	76.80
	39	2441	10.60	12.00	
	78	2480	9.20	12.00	
BR / EDR 2Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
BR / EDR 3Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
LE 125kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 500kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 1Mbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 2Mbps	1	2404	Not Required	7.00	Not Required
	19	2440	Not Required	7.00	
	38	2478	Not Required	7.00	

<Bluetooth_Ant 6_Hotspot>

Bluetooth_Ant 6_Hotspot			Ant 6		
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Tune-Up Limit	Duty Cycle %
BR / EDR 1Mbps	0	2402	9.50	12.00	76.80
	39	2441	10.60	12.00	
	78	2480	9.20	12.00	
BR / EDR 2Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
BR / EDR 3Mbps	0	2402	Not Required	11.00	Not Required
	39	2441	Not Required	11.00	
	78	2480	Not Required	11.00	
LE 125kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 500kbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 1Mbps	0	2402	Not Required	6.50	Not Required
	19	2440	Not Required	6.50	
	39	2480	Not Required	6.50	
LE 2Mbps	1	2404	Not Required	7.00	Not Required
	19	2440	Not Required	7.00	
	38	2478	Not Required	7.00	