

<GSM>								
GSM850_Art0_Default	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	835.4	848.8		824.2	835.4	848.8	
GSM 1 Tx slot	31.54	31.61	31.75	33.50	22.04	22.61	22.75	24.50
GPRS 1 Tx slots	31.57	31.69	31.88	33.50	22.07	22.69	22.88	24.50
GPRS 2 Tx slots	30.69	30.84	30.98	31.50	24.69	24.84	24.98	25.50
GPRS 3 Tx slots	28.88	29.05	29.16	29.50	24.62	24.79	24.90	25.24
GPRS 4 Tx slots	27.76	28.08	28.03	28.50	24.76	25.05	25.03	25.50

<GSM>								
GSM1900_Art0_Default	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	1860	1900.8		1850.2	1860	1900.8	
GSM 1 Tx slot	28.60	28.79	28.71	30.50	19.60	19.79	19.71	21.50
GPRS 1 Tx slots	28.59	28.80	28.69	30.50	19.59	19.80	19.69	21.50
GPRS 2 Tx slots	27.87	28.05	27.88	29.00	21.87	22.05	21.98	23.00
GPRS 3 Tx slots	26.13	26.32	26.23	27.50	21.87	22.06	21.97	23.24
GPRS 4 Tx slots	25.04	25.24	25.17	26.50	22.04	22.34	22.17	23.50

<GSM>

GSM850_Air_0_ECI 2	Burst Avg. Power (dBm)			Turn-up Limit (dBm)	Frame Avg. Power (dBm)			Turn-up Limit (dBm)
	159	169	201		159	169	201	
TX Channel	834.2	835.4	848.8		834.2	835.4	848.8	
Frequency(MHz)								
GSM 1 Tx slot	31.54	31.61	31.75	33.50	22.54	22.61	22.75	24.50
GPRS 1 Tx slot	31.57	31.69	31.68	33.50	22.57	22.69	22.68	24.50
GPRS 2 Tx slots	30.69	30.84	30.98	31.50	24.69	24.84	24.98	25.50
GPRS 3 Tx slots	28.88	29.05	29.16	29.50	24.62	24.79	24.80	25.24
GPRS 4 Tx slots	27.76	28.05	28.03	28.50	24.76	25.05	25.03	25.50

<GSM>

GSM1900_Air_0_ECI 2	Burst Avg. Power (dBm)			Turn-up Limit (dBm)	Frame Avg. Power (dBm)			Turn-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1650.2	1660	1699.8		1650.2	1660	1699.8	
Frequency(MHz)								
GSM 1 Tx slot	28.60	28.79	28.71	30.50	19.60	19.79	19.71	21.50
GPRS 1 Tx slot	28.59	28.80	28.69	30.50	19.59	19.80	19.69	21.50
GPRS 2 Tx slots	27.87	28.05	27.88	29.00	21.87	22.05	21.88	23.00
GPRS 3 Tx slots	26.13	26.32	26.23	27.50	21.87	22.06	21.97	23.24
GPRS 4 Tx slots	25.04	25.24	25.17	26.50	22.04	22.24	22.17	23.50

<GSM>

GSM850_Art5_ECI 7	Burst Avg. Power (dBm)			Turn-up Limit (dBm)	Frame Avg. Power (dBm)			Turn-up Limit (dBm)
	128	198	291		128	198	291	
TX Channel	834.2	836.4	848.8		834.2	836.4	848.8	
GSM 1 Tx slot	31.54	31.61	31.75	32.90	22.54	22.61	22.75	23.90
GPRS 1 Tx slot	31.57	31.69	31.88	32.90	22.57	22.69	22.88	23.90
GPRS 2 Tx slots	29.44	29.45	29.44	29.90	23.44	23.45	23.44	23.90
GPRS 3 Tx slots	27.83	27.67	27.62	28.00	23.37	23.41	23.36	23.74
GPRS 4 Tx slots	26.45	26.47	26.38	26.90	23.45	23.47	23.38	23.90

<GSM>

GSM1900_Art5_ECI 7	Burst Avg. Power (dBm)			Turn-up Limit (dBm)	Frame Avg. Power (dBm)			Turn-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.6		1850.2	1860	1909.6	
Frequency(MHz)	1850.2	1860	1909.6		1850.2	1860	1909.6	
GSM 1 Tx slot	26.60	26.79	26.71	30.10	19.60	19.79	19.71	21.10
GPRS 1 Tx slot	26.59	26.80	26.59	30.10	19.59	19.80	19.69	21.10
GPRS 2 Tx slots	26.18	26.13	26.18	27.10	20.18	20.13	20.18	21.10
GPRS 3 Tx slots	24.42	24.36	24.42	25.20	20.16	20.10	20.16	20.94
GPRS 4 Tx slots	23.26	23.34	23.27	24.10	20.25	20.34	20.27	21.10

<GSM>

GSM850_Art5_ECI 3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
	TX Channel	128	190		128	190	251	
Frequency(MHz)	824.2	824.4	848.9		824.2	824.4	848.8	
GSM 1 Tx slot	31.54	31.61	31.75	32.90	22.54	22.61	22.75	23.90
GPRS 1 Tx slots	31.57	31.69	31.68	32.90	22.57	22.69	22.68	23.90
GPRS 2 Tx slots	29.44	29.45	29.44	29.90	23.44	23.45	23.44	23.90
GPRS 3 Tx slots	27.83	27.87	27.62	28.00	23.37	23.41	23.36	23.74
GPRS 4 Tx slots	26.45	26.47	26.38	26.90	23.45	23.47	23.38	23.90

<GSM>

GSM1900_Art5_ECI 3	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
	TX Channel	512	661		512	661	810	
Frequency(MHz)	1850.2	1850	1900.8		1850.2	1850	1900.8	
GSM 1 Tx slot	28.60	28.79	28.71	30.10	19.60	19.79	19.71	21.10
GPRS 1 Tx slots	26.59	26.60	26.69	30.10	19.59	19.60	19.69	21.10
GPRS 2 Tx slots	26.18	26.13	26.18	27.10	20.18	20.13	20.18	21.10
GPRS 3 Tx slots	24.42	24.36	24.42	25.20	20.16	20.10	20.16	20.94
GPRS 4 Tx slots	23.25	23.24	23.27	24.10	20.25	20.24	20.27	21.10

<GSM>

GSM850_Art5_ECI 6	Burst Avg. Power (dBm)			Tx Power Limit (dBm)	Frame Avg. Power (dBm)			Tx Power Limit (dBm)
	128	198	251		128	198	251	
TX Channel	834.2	836.4	840.8		834.2	836.4	840.8	
GSM 1 Tx slot	31.54	31.61	31.75	33.50	22.54	22.61	22.75	24.50
GPRS 1 Tx slot	31.57	31.69	31.88	33.50	22.57	22.69	22.88	24.50
GPRS 2 Tx slot	30.69	30.84	30.98	31.50	24.69	24.84	24.98	25.50
GPRS 3 Tx slot	28.88	29.05	29.16	29.50	24.62	24.79	24.90	25.24
GPRS 4 Tx slot	27.76	28.05	28.03	28.50	24.76	25.05	25.03	25.50

<GSM>

GSM1900_Art5_ECI 6	Burst Avg. Power (dBm)			Tx Power Limit (dBm)	Frame Avg. Power (dBm)			Tx Power Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.6		1850.2	1860	1909.6	
GSM 1 Tx slot	26.65	26.79	26.71	30.50	19.65	19.79	19.71	21.50
GPRS 1 Tx slot	28.59	28.80	28.69	30.50	19.59	19.90	19.69	21.50
GPRS 2 Tx slot	27.87	28.05	27.98	28.80	21.87	22.05	21.98	22.80
GPRS 3 Tx slot	25.36	25.35	25.36	26.90	22.10	22.09	22.10	22.64
GPRS 4 Tx slot	25.12	25.17	25.11	25.80	22.12	22.17	22.11	22.80

<GSM>

GSM850_Alt_0_ECI 4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
	159	169	201		159	169	201	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.54	31.61	31.75	33.50	22.54	22.61	22.75	24.50
GPRS 1 Tx slots	31.57	31.69	31.68	33.50	22.57	22.69	22.68	24.50
GPRS 2 Tx slots	30.69	30.84	30.98	31.50	24.69	24.84	24.98	25.50
GPRS 3 Tx slots	28.66	29.05	29.16	29.50	24.62	24.79	24.80	25.24
GPRS 4 Tx slots	27.76	28.05	28.03	28.50	24.76	25.05	25.03	25.50

<GSM>

GSM1900_Alt_0_ECI 4	Burst Avg. Power (dBm)			Tune-up Limit (dBm)	Frame Avg. Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1650.2	1660	1669.8		1650.2	1660	1669.8	
GSM 1 Tx slot	26.60	26.79	26.71	30.50	19.60	19.79	19.71	21.50
GPRS 1 Tx slots	28.59	29.30	28.69	30.50	19.59	19.80	19.69	21.50
GPRS 2 Tx slots	27.87	28.05	27.98	29.00	21.87	22.05	21.98	23.00
GPRS 3 Tx slots	26.13	26.32	26.23	27.50	21.87	22.06	21.97	23.24
GPRS 4 Tx slots	25.04	25.24	25.17	26.50	22.04	22.24	22.17	23.50

<WCDMA>

Band	WCDMA II_Art 0_Default			Tune-up
TX Channel	9052	9050	9039	Limit
Frequency(MHz)	18612.8	18600	18577.6	(dBm)
RMS 12.2kops	22.41	22.42	22.38	24.00

<WCDMA>

Band	WCDMA IV_Art 0_Default			Tune-up
TX Channel	19112	18119	18119	Limit
Frequency(MHz)	17712.8	17522.8	17522.8	(dBm)
RMS 12.2kops	22.32	22.41	22.49	24.00

<WCDMA>

Band	WCDMA V_Art 0_Default			Tune-up
TX Channel	4102	4182	4233	Limit
Frequency(MHz)	820.4	836.4	846.6	(dBm)
RMS 12.2kops	22.43	22.57	22.46	24.00

<WCDMA>

Band	WCDMA I_Art 0_ECI 2			Tune up Limit (dBm)
TX Channel	895.2	900	903.8	
Frequency(MHz)	1892.4	1890	1907.6	
RMS 12.2kops	22.41	22.42	22.38	24.00

<WCDMA>

Band	WCDMA IV_Art 0_ECI 2			Tune up Limit (dBm)
TX Channel	1812	1813	1813	
Frequency(MHz)	1112.4	1112.0	1102.8	
RMS 12.2kops	22.32	22.41	22.40	24.00

<WCDMA>

Band	WCDMA V_Art 0_ECI 2			Tune up Limit (dBm)
TX Channel	4182	4182	4233	
Frequency(MHz)	836.4	836.4	846.6	
RMS 12.2kops	22.43	22.57	22.46	24.00

<WCDMA>

Band	WCDMA I_Arx 0_ECI 7			Time up
TX Channel	8962	9000	9038	Limit
Frequency(MHz)	1862.4	1880	1907.6	(dBm)
RMS 12.2kops	17.91	18.02	17.93	18.50

<WCDMA>

Band	WCDMA IV_Arx 0_ECI 7			Time up
TX Channel	1912	1913	1913	Limit
Frequency(MHz)	1112.4	1112.0	1112.6	(dBm)
RMS 12.2kops	17.58	17.61	17.43	18.00

<WCDMA>

Band	WCDMA V_Arx 0_ECI 7			Time up
TX Channel	4192	4182	4233	Limit
Frequency(MHz)	838.4	836.4	846.6	(dBm)
RMS 12.2kops	22.43	22.57	22.46	24.00

<WCDMA>

Band	WCDMA I_Art 0_ECI 3			Tune up Limit (dBm)
TX Channel	8962	9000	9038	
Frequency(MHz)	1852.4	1860	1907.6	
RMS 12.2kops	19.64	19.73	19.67	20.40

<WCDMA>

Band	WCDMA IV_Art 0_ECI 3			Tune up Limit (dBm)
TX Channel	1912	1913	1913	
Frequency(MHz)	1112.4	1112.6	1112.6	
RMS 12.2kops	19.09	19.10	19.96	19.99

<WCDMA>

Band	WCDMA V_Art 0_ECI 3			Tune up Limit (dBm)
TX Channel	4192	4182	4233	
Frequency(MHz)	838.4	836.4	846.6	
RMS 12.2kops	22.43	22.57	22.46	24.00

<WCDMA>

Band	WCDMA I_Art 0_ECI 6			Time up Limit (dBm)
TX Channel	893.2	900	903.8	
Frequency(MHz)	1892.4	1890	1907.6	
RMS 12.2kops	21.62	21.78	21.76	22.60

<WCDMA>

Band	WCDMA IV_Art 0_ECI 6			Time up Limit (dBm)
TX Channel	1812	1813	1813	
Frequency(MHz)	1112.4	1122.0	1132.6	
RMS 12.2kops	21.07	21.10	20.95	21.50

<WCDMA>

Band	WCDMA V_Art 0_ECI 6			Time up Limit (dBm)
TX Channel	4132	4182	4233	
Frequency(MHz)	225.4	225.4	226.2	
RMS 12.2kops	22.43	22.57	22.45	24.00

<WCDMA>

Band	WCDMA I_Arx 0_ECI 4			Time up
TX Channel	8962	9000	9038	Limit
Frequency(MHz)	1862.4	1860	1867.6	(dBm)
RMS 12.2kops	22.41	22.42	22.38	24.00

<WCDMA>

Band	WCDMA IV_Arx 0_ECI 4			Time up
TX Channel	1812	1813	1813	Limit
Frequency(MHz)	1112.4	1112.0	1112.8	(dBm)
RMS 12.2kops	22.32	22.41	22.40	24.00

<WCDMA>

Band	WCDMA V_Arx 0_ECI 4			Time up
TX Channel	4182	4182	4220	Limit
Frequency(MHz)	836.4	836.4	844.0	(dBm)
RMS 12.2kops	22.43	22.57	22.46	24.00

<LTE Band 2_Ant 0_Default>

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	0	22.14	22.20	22.13	24.00
20	QPSK	50	0	21.05	21.19	21.09	23.00
20		100	0	21.13	21.20	21.02	23.00

<LTE Band 4_Ant 0_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				20500	20715	20930	
Frequency (MHz)				1720	1732.5	1745	
20	1	0	0	22.09	22.12	22.09	24.00
20	QPSK	50	0	21.00	21.11	21.01	23.00
20		100	0	21.00	21.08	21.01	23.00

<LTE Band 5_Ant 0_Default>

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	1	0	0	22.23	22.24	22.21	24.00
10	QPSK	25	0	21.10	21.18	21.16	23.00
10		50	0	21.15	21.20	21.09	23.00

<LTE Band 12_Ant 0_Default>

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	20505	20550	
Frequency (MHz)				704	707.5	711	
10	1	0	0	22.19	22.27	22.24	24.00
10	QPSK	25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.00	23.00

<LTE Band 13_Ant 0_Default>

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	23230		
Frequency (MHz)				702			
10	1	0	0	22.21			24.00
10	QPSK	25	0	21.27			23.00
10		50	0		21.25		23.00

<LTE Band 17_Ant 0_Default>

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	1	0	0	22.13	22.21	22.06	24.00
10	QPSK	25	0	21.09	21.11	21.09	23.00
10		50	0	21.05	21.08	21.08	23.00

<LTE Band 25_Ant 0_Default>

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)				1960	1980	2000	
20	1	0	0	22.09	22.23	22.12	24.00
20	QPSK	50	0	21.07	21.20	21.00	23.00
20		100	0	21.00	21.17	21.07	23.00

<LTE Band 26_Ant 0_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				26160	26660	26960	
Frequency (MHz)				821.5	831.5	841.5	
15	1	0	0	22.18	22.26	22.19	24.00
15	QPSK	36	0	21.13	21.18	21.05	23.00
15		75	0	21.06	21.19	21.05	23.00

<LTE Band 66_Ant 0_Default>

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	1743	1760	
20	1	0	0	22.22	22.26	22.20	24.00
20	QPSK	50	0	21.16	21.25	21.07	23.00
20		100	0	21.16	21.22	21.04	23.00

<LTE Band 7_Ant 1_Default>

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	2530	2560	
20	1	0	0	22.07	22.09	22.04	24.00
20	QPSK	50	0	21.01	21.05	21.03	23.00
20		100	0	21.52	21.83	21.79	23.00

<LTE Band 2_Ant 4_Default>

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	19000	19300	
Frequency (MHz)				1860	1880	1900	
20	1	0	0	20.35	20.43	20.33	22.00
20	QPSK	50	0	19.25	19.36	19.21	21.00
20		100	0	19.26	19.35	19.18	21.00

<LTE Band 4_Ant 4_Default>

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	0	20.78	20.79	20.75	22.00
20	QPSK	50	0	19.64	19.78	19.69	21.00
20		100	0	19.61	19.76	19.61	21.00

<LTE Band 5_Ant 4_Default>

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	20505	20550	
Frequency (MHz)				829	836.5	844	
10	1	0	0	22.14	22.19	22.09	24.00
10	QPSK	25	0	21.08	21.06	21.07	23.00
10		50	0	21.06	21.05	21.07	23.00

<LTE Band 12_Ant 4_Default>

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	1	0	0	22.55	22.58	22.56	24.00
10	QPSK	25	0	22.49	22.57	22.50	24.00
10		50	0	22.38	22.52	22.43	24.00

<LTE Band 25_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				26340	26540	26790	
Frequency (MHz)				1860	1880	1905	
20	1	0	0	20.40	20.47	20.38	22.00
20	QPSK	50	0	19.29	19.43	19.25	21.00
20		100	0	19.32	19.41	19.27	21.00

<LTE Band 26_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				26785	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
10	1	0	0	22.29	22.31	22.29	24.00
15	QPSK	36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<LTE Band 66_Ant 4_Default>

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	1	0	0	20.77	20.83	20.65	22.00
20	QPSK	50	0	19.73	19.81	19.61	21.00
20		100	0	19.61	19.75	19.45	21.00

<LTE Band 42 (27Q)_Ant 5_Default>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3660	3500	3540	
20	QPSK	1	0	22.15	22.48	22.37	
20		50	0	21.00	21.37	21.14	23.00
20		100	0	21.01	21.28	21.07	23.00

<LTE Band 38_Ant 4_Default>

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	22.36	22.42	22.26	24.00
20		50	0	21.05	21.25	21.01	23.00
20		100	0	21.10	21.18	21.00	23.00

<LTE Band 41_Ant 4_Default>

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	
Frequency (MHz)				2906	2649.5	2593	
20	QPSK	1	0	22.41	22.50	22.51	24.00
20		50	0	21.22	21.29	21.39	23.00
20		100	0	21.15	21.23	21.38	23.00

<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	18800	18900	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.14	22.20	22.13	24.00
20		50	0	21.06	21.19	21.09	23.00
20		100	0	21.13	21.20	21.02	23.00

<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				20550	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.09	22.12	22.09	24.00
20		50	0	21.80	21.11	21.01	23.00
20		100	0	21.00	21.08	21.01	23.00

<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	20325	20500	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.23	22.24	22.21	24.00
10		25	0	21.10	21.18	21.16	23.00
10		50	0	21.15	21.20	21.09	23.00

<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				23600	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.19	22.27	22.24	24.00
10		25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.09	23.00

<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				23270	23270	23180	
Frequency (MHz)				712	712	711	
10	QPSK	1	0	22.21	22.21	22.18	24.00
10		25	0	21.27	21.27	21.19	23.00
10		50	0	21.26	21.26	21.19	23.00

<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	22.13	22.21	22.06	24.00
10		25	0	21.09	21.11	21.09	23.00
10		50	0	21.05	21.08	21.08	23.00

<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)				1660	1680	1705	
20	QPSK	1	0	22.08	22.23	22.12	24.00
20		50	0	21.07	21.20	21.00	23.00
20		100	0	21.00	21.17	21.07	23.00

<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	22.18	22.26	22.19	24.00
15		36	0	21.13	21.18	21.05	23.00
15		75	0	21.06	21.19	21.05	23.00

<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	22.22	22.26	22.20	24.00
20		50	0	21.16	21.25	21.07	23.00
20		100	0	21.16	21.22	21.04	23.00

<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				20450	20100	21350	
Frequency (MHz)				2510	2535	2660	
20	QPSK	1	0	22.57	22.03	22.82	24.00
20		50	0	21.51	21.85	21.83	23.00
20		100	0	21.52	21.83	21.79	23.00

<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				20500	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	15.12	15.41	15.05	16.90
20		50	0	15.08	15.17	15.05	16.90
20		100	0	15.07	15.21	15.07	16.90

<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	22.14	22.19	22.09	24.00
10		25	0	21.08	21.06	21.07	23.00
10		50	0	21.06	21.06	21.07	23.00

<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				23580	23095	23180	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.55	22.58	22.56	24.00
10		25	0	22.49	22.57	22.50	24.00
10		50	0	22.38	22.52	22.43	24.00

<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	22.29	22.31	22.09	24.00
15		36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<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	15.30	15.03	15.33	16.90
20		50	0	15.45	15.36	15.28	16.90
20		100	0	15.46	15.47	15.43	16.90

<LTE Band 42 (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				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.91	17.94	17.92	18.00
20		50	0	17.90	17.93	17.90	18.00
20		100	0	17.85	17.92	17.83	18.00

<LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	19.08	19.21	19.11	20.30
20		50	0	19.02	19.12	19.02	20.30
20		100	0	18.90	19.10	18.90	20.30

<LTE Band 41_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				39750	40100	41005	
Frequency (MHz)				2626	2648.5	2660	
20	QPSK	1	0	19.05	19.16	19.27	20.30
20		50	0	19.03	19.06	19.26	20.30
20		100	0	19.03	19.02	19.11	20.30

<LTE Band 2_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				18700	18900	19100	18.20
Frequency (MHz)				18600	18800	19000	
20	QPSK	1	0	17.40	17.81	17.74	18.20
20		50	0	17.68	17.77	17.62	18.20
20		100	0	17.84	17.71	17.86	18.20

<LTE Band 4_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				20050	20175	20300	17.70
Frequency (MHz)				17200	17325	17450	
20	QPSK	1	0	17.16	17.20	17.15	17.70
20		50	0	17.10	17.14	17.05	17.70
20		100	0	16.97	17.15	17.09	17.70

<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	20550	20650	23.10
Frequency (MHz)				820	830.5	844	
10	QPSK	1	0	22.23	22.24	22.21	23.10
10		25	0	21.10	21.18	21.16	23.00
10		50	0	21.15	21.20	21.09	23.00

<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				23050	23095	23130	23.00
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.19	22.27	22.24	24.00
10		25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.00	23.00

<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				23250			24.00
Frequency (MHz)					762		
10	QPSK	1	0		22.21		24.00
10		25	0		21.27		23.00
10		50	0		21.25		23.00

<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				23750	23790	23800	24.00
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.13	22.21	22.08	24.00
10		25	0	21.09	21.11	21.09	23.00
10		50	0	21.05	21.08	21.08	23.00

<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	18.20
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	17.16	17.34	17.28	18.20
20		50	0	17.20	17.17	17.23	18.20
20		100	0	17.15	17.12	17.20	18.20

<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	23.10
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.26	22.33	22.20	23.10
15		36	0	21.13	21.27	21.10	23.00
15		75	0	21.21	21.26	21.15	23.00

<LTE Band 66_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				132072	132322	132572	17.70
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.07	17.22	17.13	17.70
20		50	0	16.96	17.14	17.08	17.70
20		100	0	16.87	17.04	17.01	17.70

<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				20550	21100	21350	21.00
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.06	19.76	19.63	21.00
20		50	0	19.52	19.67	19.53	21.00
20		100	0	19.45	19.64	19.46	21.00

<LTE Band 2_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				18700	18900	19100	13.90
Frequency (MHz)				18600	18800	19000	
20	QPSK	1	0	12.81	13.26	13.21	13.90
20		50	0	12.96	13.11	13.00	13.90
20		100	0	13.20	13.25	13.12	13.90

<LTE Band 4_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				20050	20175	20300	15.10
Frequency (MHz)				17200	17325	17450	
20	QPSK	1	0	13.63	13.74	13.53	15.10
20		50	0	13.45	13.61	13.51	15.10
20		100	0	13.05	13.62	13.42	15.10

<LTE Band 5_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				20450	20525	20600	23.00
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.14	22.19	22.09	24.00
10		25	0	21.08	21.06	21.07	23.00
10		50	0	21.06	21.05	21.07	23.00

<LTE Band 12_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				22050	22095	22130	24.00
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.05	22.08	22.06	24.00
10		25	0	22.49	22.57	22.50	24.00
10		50	0	22.38	22.52	22.43	24.00

<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	13.90
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	12.79	13.27	13.14	13.90
20		50	0	12.83	13.13	13.03	13.90
20		100	0	13.13	13.17	13.16	13.90

<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	24.00
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.31	22.09	24.00
15		36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<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	15.10
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	14.18	14.44	14.17	15.10
20		50	0	14.22	14.37	14.22	15.10
20		100	0	14.25	14.30	14.27	15.10

<LTE Band 42 (27Q)_Ant 5_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		42190	42590	42990	
		Frequency (MHz)		3460	3500	3540	
20		1	0	15.44	15.59	15.33	17.20
20	QPSK	50	0	15.43	15.57	15.37	17.20
20		100	0	15.36	15.54	15.36	17.20

<LTE Band 38_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		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20		1	0	14.26	14.23	14.48	16.10
20	QPSK	50	0	14.32	14.44	14.42	16.10
20		100	0	14.30	14.43	14.34	16.10

<LTE Band 41_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		39750	40180	40550	41490
		Frequency (MHz)		2005	2049.5	2093	2036.5
20		1	0	14.41	14.45	14.67	14.55
20	QPSK	50	0	14.38	14.32	14.51	14.46
20		100	0	14.32	14.41	14.49	14.39

<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	18800	19100	
Frequency (MHz)				1860	1860	1900	
20	QPSK	1	0	18.43	18.95	18.91	19.50
20		50	0	18.78	18.91	18.82	19.50
25		100	0	18.75	18.87	18.79	19.50

<LTE Band 4_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				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.27	18.41	18.17	19.70
20		50	0	18.56	18.23	18.21	19.70
20		100	0	18.17	18.25	18.10	19.70

<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	20550	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.23	22.24	22.21	23.10
10		25	0	21.10	21.18	21.16	23.00
15		50	0	21.15	21.20	21.09	23.00

<LTE Band 12_Ant 0_ECI 3>

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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				23050	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.19	22.27	22.24	24.00
10		25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.00	23.00

<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				23250			
Frequency (MHz)					762		
10	QPSK	1	0		22.21		24.00
10		25	0		21.27		23.00
15		50	0		21.25		23.00

<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				23750	23750	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.13	22.21	22.08	24.00
10		25	0	21.09	21.11	21.09	23.00
15		50	0	21.05	21.08	21.08	23.00

<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	26240	26590	
Frequency (MHz)				1860	1860	1905	
20	QPSK	1	0	17.79	18.42	18.36	19.50
20		50	0	18.10	18.37	18.12	19.50
25		100	0	18.19	18.34	18.12	19.50

<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)				821.5	831.5	841.5	
15	QPSK	1	0	22.18	22.26	22.19	23.10
15		36	0	21.27	21.47	21.27	23.00
15		75	0	21.15	21.41	21.34	23.00

<LTE Band 66_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.71	18.73	18.63	19.70
20		50	0	18.11	18.61	18.05	19.70
25		100	0	18.08	18.57	18.01	19.70

<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				21000	21000	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.56	19.76	19.63	21.00
20		50	0	19.52	19.67	19.63	21.00
20		100	0	19.45	19.64	19.46	21.00

<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	15.72	15.77	15.62	17.40
20		50	0	15.47	15.65	15.47	17.40
20		100	0	15.68	15.67	15.47	17.40

<LTE Band 5_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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.14	22.19	22.09	24.00
10		25	0	21.08	21.08	21.07	23.00
10		50	0	21.06	21.05	21.07	23.00

<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				23050	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.55	22.58	22.56	24.00
10		25	0	22.49	22.57	22.50	24.00
10		50	0	22.38	22.52	22.43	24.00

<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				26165	26265	26665	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.29	22.31	22.09	24.00
15		36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<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	16.02	16.19	15.90	17.40
20		50	0	16.12	16.91	15.91	17.40
20		100	0	16.18	16.11	16.11	17.40

<LTE Band 42 (27Q)_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		42150	42550	42950	
		Frequency (MHz)		3450	3500	3540	
20		1	0	16.94	17.15	16.78	18.70
20	QPSK	50	0	16.83	17.02	16.92	18.70
20		100	0	16.79	16.99	16.87	18.70

<LTE Band 38_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		37850	38000	38150	
		Frequency (MHz)		2580	2595	2610	
20		1	0	16.94	16.73	16.71	17.90
20	QPSK	50	0	16.71	16.72	16.51	17.90
20		100	0	16.69	16.71	16.57	17.90

<LTE Band 41_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		38750	40185	41055	41450
		Frequency (MHz)		2020	2048.5	2093	2036.5
20		1	0	16.77	16.66	16.88	16.74
20	QPSK	50	0	16.64	16.65	16.75	16.72
20		100	0	16.73	16.62	16.73	16.53

<LTE Band 2_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				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.28	21.73	21.64	22.10
20		50	0	21.49	21.61	21.45	22.10
20		100	0	21.89	21.67	21.59	22.10

<LTE Band 4_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				20650	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	21.21	21.27	21.22	21.80
20		50	0	21.14	21.29	21.16	21.80
20		100	0	21.15	21.20	21.18	21.80

<LTE Band 5_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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.23	22.24	22.21	24.00
10		25	0	21.10	21.18	21.16	23.00
10		50	0	21.15	21.20	21.09	23.00

<LTE Band 12_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				23000	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	22.19	22.27	22.24	24.00
10		25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.00	23.00

<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)				762			
10	QPSK	1	0	22.21			
10		25	0	21.27			
10		50	0	21.26			

<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				22180	22150	22020	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	22.13	22.21	22.06	24.00
10		25	0	21.09	21.11	21.09	23.00
10		50	0	21.05	21.08	21.08	23.00

<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	1900	
20	QPSK	1	0	21.29	21.37	21.11	22.10
20		50	0	20.28	20.25	20.23	22.10
20		100	0	20.25	20.23	20.14	22.10

<LTE Band 26_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				26590	26665	26665	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.18	22.26	22.19	24.00
15		36	0	21.13	21.18	21.05	23.00
15		75	0	21.06	21.19	21.05	23.00

<LTE Band 66_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				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	21.22	21.27	21.10	21.80
20		50	0	21.03	21.21	21.10	21.80
20		100	0	21.13	21.20	20.99	21.80

<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				20450	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	21.18	21.27	21.15	22.30
20		50	0	21.10	21.24	21.07	22.30
20		100	0	21.15	21.17	21.11	22.30

<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	18.81	19.17	19.09	19.80
20		50	0	18.91	18.36	18.86	19.80
20		100	0	18.91	19.04	18.86	19.80

<LTE Band 4_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				20900	20975	20900	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.14	18.25	18.04	19.50
20		50	0	18.05	18.12	18.05	19.50
20		100	0	18.10	18.11	17.94	19.50

<LTE Band 5_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				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.14	22.19	22.09	24.00
10		25	0	21.08	21.07	21.07	23.00
10		50	0	21.06	21.05	21.07	23.00

<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	22.35	22.38	22.36	24.00
10		25	0	22.49	22.57	22.80	24.00
10		50	0	22.38	22.52	22.43	24.00

<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	1900	
20	QPSK	1	0	18.82	19.21	19.01	19.80
20		50	0	18.99	19.00	18.78	19.80
20		100	0	18.95	19.06	19.00	19.80

<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	26765	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.28	22.31	22.09	24.00
15		36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<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	18.60	18.61	18.45	19.50
20		50	0	18.56	18.48	18.35	19.50
20		100	0	18.59	18.60	18.35	19.50

<LTE Band 42 (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				42330	42390	42590	
Frequency (MHz)				3450	3500	3540	
20	QPSK	1	0	21.40	21.58	21.25	22.70
20		50	0	21.44	21.53	21.47	22.70
20		100	0	21.31	21.46	21.28	22.70

<LTE Band 38_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				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.91	22.12	22.08	23.80
20		50	0	21.89	22.02	22.02	23.00
20		100	0	21.90	22.01	22.01	23.00

<LTE Band 41_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				39750	40185	40620	41055	
Frequency (MHz)				2606	2649.5	2693	2636.5	2693
20	QPSK	1	0	22.22	22.19	22.37	22.31	23.80
20		50	0	22.17	22.10	22.22	22.08	23.00
20		100	0	22.11	22.18	22.23	22.16	23.00

<LTE Band 2_Ant 0_ECI 4>

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	18800	18900	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.14	22.20	22.13	24.00
20		50	0	21.06	21.19	21.09	23.00
20		100	0	21.13	21.20	21.02	23.00

<LTE Band 4_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20550	20775	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.09	22.12	22.09	24.00
20		50	0	21.00	21.11	21.01	23.00
20		100	0	21.00	21.08	21.01	23.00

<LTE Band 5_Ant 0_ECI 4>

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	20500	
Frequency (MHz)				820	836.5	844	
10	QPSK	1	0	22.23	22.24	22.21	24.00
10		25	0	21.10	21.18	21.16	23.00
10		50	0	21.15	21.20	21.09	23.00

<LTE Band 12_Ant 0_ECI 4>

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)				764	767.5	771	
10	QPSK	1	0	22.19	22.27	22.24	24.00
10		25	0	21.10	21.19	21.07	23.00
10		50	0	21.01	21.14	21.09	23.00

<LTE Band 13_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				23270	23320	23330	
Frequency (MHz)				712	712	711	
10	QPSK	1	0	22.21	22.21	22.21	24.00
10		25	0	21.27	21.27	21.27	23.00
10		50	0	21.26	21.26	21.26	23.00

<LTE Band 17_Ant 0_ECI 4>

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	22.13	22.21	22.06	24.00
10		25	0	21.09	21.11	21.09	23.00
10		50	0	21.05	21.08	21.08	23.00

<LTE Band 28_Ant 0_ECI 4>

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)				1660	1680	1605	
20	QPSK	1	0	22.08	22.23	22.12	24.00
20		50	0	21.07	21.20	21.00	23.00
20		100	0	21.00	21.17	21.07	23.00

<LTE Band 26_Ant 0_ECI 4>

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	22.18	22.26	22.19	24.00
15		36	0	21.13	21.18	21.05	23.00
15		75	0	21.06	21.19	21.05	23.00

<LTE Band 66_Ant 0_ECI 4>

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	22.22	22.26	22.20	24.00
20		50	0	21.16	21.25	21.07	23.00
20		100	0	21.16	21.22	21.04	23.00

<LTE Band 7_Ant 1_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20500	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	22.57	22.93	22.82	24.00
20		50	0	21.51	21.85	21.83	23.00
20		100	0	21.52	21.83	21.79	23.00

<LTE Band 2_Ant 4_ECI 4>

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	18800	18900	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.36	20.43	20.33	22.00
20		50	0	19.26	19.36	19.21	21.00
20		100	0	19.26	19.35	19.18	21.00

<LTE Band 4_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20500	20715	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	20.76	20.79	20.75	22.00
20		50	0	19.84	19.78	19.69	21.00
20		100	0	19.81	19.76	19.61	21.00

<LTE Band 5_Ant 4_ECI 4>

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	20500	
Frequency (MHz)				820	836.5	844	
10	QPSK	1	0	22.14	22.19	22.09	24.00
10		25	0	21.08	21.06	21.07	23.00
10		50	0	21.06	21.06	21.07	23.00

<LTE Band 12_Ant 4_ECI 4>

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)				764	767.5	771	
10	QPSK	1	0	22.55	22.58	22.56	24.00
10		25	0	22.49	22.57	22.50	24.00
10		50	0	22.38	22.52	22.43	24.00

<LTE Band 25_Ant 4_ECI 4>

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)				1660	1680	1605	
20	QPSK	1	0	20.40	20.47	20.38	22.00
20		50	0	19.29	19.43	19.25	21.00
20		100	0	19.32	19.41	19.27	21.00

<LTE Band 26_Ant 4_ECI 4>

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	22.29	22.31	22.09	24.00
15		36	0	21.07	21.19	21.12	23.00
15		75	0	21.02	21.16	21.03	23.00

<LTE Band 66_Ant 4_ECI 4>

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	20.77	20.83	20.65	22.00
20		50	0	19.73	19.81	19.61	21.00
20		100	0	19.81	19.75	19.45	21.00

<LTE Band 42 (27Q)_Ant 5_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
		Channel		42150	42550	42950	
		Frequency (MHz)		3450	3500	3550	
20		1	0	22.15	22.48	22.37	24.00
20	QPSK	50	0	21.06	21.37	21.14	23.00
20		100	0	21.01	21.26	21.07	23.00

<LTE Band 38_Ant 4_ECI 4>

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		1	0	22.38	22.42	22.26	24.00
20	QPSK	50	0	21.06	21.25	21.01	23.00
20		100	0	21.10	21.18	21.00	23.00

<LTE Band 41_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit [dBm]
		Channel		38150	40185	41055	
		Frequency (MHz)		2625	2648.5	2693	
20		1	0	22.41	22.50	22.51	22.32
20	QPSK	50	0	21.22	21.29	21.39	21.08
20		100	0	21.15	21.23	21.38	21.13

<LTE Band 2_Ant 0_Default-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				18100	18900	19100	
Frequency (MHz)				1890	1980	1990	
20	QPSK	1	0	22.35	22.47	22.39	24.00
20		50	0	22.08	22.37	22.15	24.00
20		100	0	22.22	22.38	22.17	24.00

<LTE Band 4_Ant 0_Default-1>

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	22.26	22.41	22.38	24.00
20		50	0	21.21	21.41	21.23	23.00
20		100	0	21.09	21.33	21.27	23.00

<LTE Band 66_Ant 0_Default-1>

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	22.38	22.45	22.31	24.00
20		50	0	21.20	21.41	21.15	23.00
20		100	0	21.25	21.36	21.15	23.00

<LTE Band 38_Ant 1_Default-1>

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	22.44	22.51	22.45	24.00
20		50	0	21.01	21.09	21.00	23.00
20		100	0	21.00	21.04	21.01	23.00

<LTE Band 4_Ant 4_Default-1>

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	20179	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.59	22.75	22.71	24.00
20		50	0	21.55	21.79	21.63	23.00
20		100	0	21.50	21.73	21.56	23.00

<LTE Band 7_Ant 4_Default-1>

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	22.63	22.81	22.70	24.00
20		50	0	22.79	22.79	22.79	24.00
20		100	0	22.74	22.74	22.74	24.00

<LTE Band 66_Ant 4_Default-1>

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	20.95	21.11	21.04	22.00
20		50	0	19.89	20.11	19.94	21.00
20		100	0	19.83	20.07	19.99	21.00

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<LTE Band 2_Ant 0_ECI 2-1>

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	24.00
Frequency (MHz)				1880	1880	1900	
20	QPSK	1	0	22.35	22.47	22.39	
20		50	0	22.08	22.37	22.15	24.00
20		100	0	22.22	22.38	22.17	24.00

<LTE Band 4_Ant 0_ECI 2-1>

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	24.00
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.26	22.41	22.36	
20		50	0	21.21	21.41	21.23	23.00
20		100	0	21.09	21.33	21.27	23.00

<LTE Band 66_Ant 0_ECI 2-1>

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	24.00
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.45	22.31	
20		50	0	21.20	21.41	21.15	23.00
20		100	0	21.25	21.36	21.15	23.00

<LTE Band 38_Ant 1_ECI 2-1>

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	24.00
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.44	22.51	22.45	
20		50	0	21.01	21.09	21.00	23.00
20		100	0	21.00	21.04	21.01	23.00

<LTE Band 4_Ant 4_ECI 2-1>

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	17.40
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	16.77	16.85	16.64	
20		50	0	16.55	16.82	16.42	17.40
20		100	0	16.53	16.59	16.64	17.40

<LTE Band 7_Ant 4_ECI 2-1>

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	17.70
Frequency (MHz)				2510	2335	2350	
20	QPSK	1	0	16.40	16.53	16.61	
20		50	0	16.29	16.36	16.31	17.70
20		100	0	16.27	16.42	16.29	17.70

<LTE Band 66_Ant 4_ECI 2-1>

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	16.90
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.68	16.77	16.49	
20		50	0	16.49	16.65	16.48	16.90
20		100	0	16.44	16.58	16.38	16.90

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<LTE Band 2_Ant 0_ECI 3-1>

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)				1880	1880	1900	
20	QPSK	1	0	18.27	18.60	18.53	
20		50	0	18.20	18.41	18.32	
20		100	0	18.27	18.47	18.24	

<LTE Band 4_Ant 0_ECI 3-1>

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	17.83	17.97	17.96	
20		50	0	17.00	16.95	16.94	
20		100	0	16.80	16.97	16.92	

<LTE Band 66_Ant 0_ECI 3-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				182072	182322	182572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.41	18.42	18.29	
20		50	0	17.49	17.50	17.56	
20		100	0	17.52	17.35	17.48	

<LTE Band 38_Ant 1_ECI 3-1>

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	21.13	21.21	20.98	
20		50	0	21.11	21.12	21.13	
20		100	0	21.19	21.08	21.06	

<LTE Band 4_Ant 4_ECI 3-1>

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	17.48	17.69	17.60	
20		50	0	17.27	17.45	17.29	
20		100	0	17.43	17.55	17.33	

<LTE Band 7_Ant 4_ECI 3-1>

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)				2010	2035	2060	
20	QPSK	1	0	14.42	14.57	14.56	
20		50	0	14.32	14.52	14.39	
20		100	0	14.29	14.53	14.42	

<LTE Band 66_Ant 4_ECI 3-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				182072	182322	182572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.27	17.38	17.35	
20		50	0	17.33	17.36	17.28	
20		100	0	17.24	17.32	17.31	

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<LTE Band 2_Ant 0_ECI 6-1>

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)				1880	1880	1900	
20	QPSK	1	0	21.73	21.87	21.85	
20		50	0	21.60	21.74	21.64	22.10
20		100	0	21.67	21.81	21.74	22.10

<LTE Band 4_Ant 0_ECI 6-1>

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	21.12	21.14	21.05	
20		50	0	20.84	21.03	20.93	21.80
20		100	0	20.99	21.08	21.06	21.80

<LTE Band 66_Ant 0_ECI 6-1>

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	21.14	21.38	21.34	
20		50	0	21.31	21.31	21.12	21.80
20		100	0	21.16	21.35	21.23	21.80

<LTE Band 38_Ant 1_ECI 6-1>

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	22.44	22.51	22.45	
20		50	0	21.01	21.09	21.00	23.00
20		100	0	21.00	21.04	21.01	23.00

<LTE Band 4_Ant 4_ECI 6-1>

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	19.42	19.74	19.63	
20		50	0	19.51	19.52	19.50	20.20
20		100	0	19.54	19.51	19.59	20.20

<LTE Band 7_Ant 4_ECI 6-1>

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)				2010	2035	2060	
20	QPSK	1	0	20.08	20.21	20.20	
20		50	0	19.95	20.07	19.95	21.20
20		100	0	20.06	20.04	20.04	21.20

<LTE Band 66_Ant 4_ECI 6-1>

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	19.41	19.45	19.29	
20		50	0	19.35	19.41	19.38	19.50
20		100	0	19.31	19.39	19.34	19.50

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<LTE Band 2_Ant 0_ECI 7-1>

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)				1880	1880	1900	
20	QPSK	1	0	17.54	17.57	17.40	
20		50	0	17.48	17.53	17.54	18.20
20		100	0	17.40	17.49	17.34	18.20

<LTE Band 4_Ant 0_ECI 7-1>

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	16.56	17.10	17.60	
20		50	0	17.07	17.08	17.04	17.70
20		100	0	16.87	17.07	16.89	17.70

<LTE Band 66_Ant 0_ECI 7-1>

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	16.89	17.22	17.12	
20		50	0	17.00	17.21	17.16	17.70
20		100	0	17.20	17.21	17.09	17.70

<LTE Band 38_Ant 1_ECI 7-1>

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	21.13	21.21	20.95	
20		50	0	21.11	21.12	21.13	21.70
20		100	0	21.19	21.08	21.06	21.70

<LTE Band 4_Ant 4_ECI 7-1>

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	15.33	15.46	15.37	
20		50	0	15.25	15.35	15.30	15.90
20		100	0	15.20	15.39	15.31	15.90

<LTE Band 7_Ant 4_ECI 7-1>

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	12.66	12.73	12.70	
20		50	0	12.69	12.69	12.65	13.20
20		100	0	12.62	12.70	12.61	13.20

<LTE Band 66_Ant 4_ECI 7-1>

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	15.03	15.05	14.98	
20		50	0	14.82	15.02	15.00	15.10
20		100	0	14.89	14.98	14.95	15.10

<LTE Band 2_Ant 0_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				18100	18900	19100	
Frequency (MHz)				1800	1880	1900	
20	QPSK	1	0	22.35	22.47	22.39	24.00
20		50	0	22.08	22.37	22.15	24.00
20		100	0	22.22	22.38	22.17	24.00

<LTE Band 4_Ant 0_ECI 4-1>

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	22.26	22.41	22.38	24.00
20		50	0	21.21	21.41	21.23	23.00
20		100	0	21.09	21.30	21.27	23.00

<LTE Band 66_Ant 0_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				130072	130332	130592	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.38	22.45	22.31	24.00
20		50	0	21.20	21.41	21.15	23.00
20		100	0	21.25	21.36	21.15	23.00

<LTE Band 38_Ant 1_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				25800	26050	26150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.44	22.91	22.45	24.00
20		50	0	21.01	21.09	21.00	23.00
20		100	0	21.00	21.04	21.01	23.00

<LTE Band 4_Ant 4_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				20550	20179	20500	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.59	22.75	22.71	24.00
20		50	0	21.55	21.79	21.63	23.00
20		100	0	21.50	21.73	21.56	23.00

<LTE Band 7_Ant 4_ECI 4-1>

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	22.63	22.81	22.70	24.00
20		50	0	22.75	22.79	22.79	24.00
20		100	0	22.74	22.74	22.74	24.00

<LTE Band 66_Ant 4_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				130072	130332	130592	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	20.95	21.11	21.04	22.00
20		50	0	19.89	20.11	19.94	21.00
20		100	0	19.83	20.07	19.99	21.00

LTE Band 2_Ant 4_ECI-2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Time-slot (MHz)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	15.15	15.01	14.97	15.80			
20		1	40	15.03	15.14	14.93	15.80			
20		1	80	15.08	14.98	14.90	15.80			
20		1	120	14.97	15.14	15.14	15.80			
20		50	24	14.93	14.88	14.90	15.80			
20	16QAM	50	50	15.09	15.02	14.84	15.80			
20		100	0	15.08	15.13	14.79	15.80			
20		1	0	14.97	15.03	15.04	15.80			
20		1	40	14.78	15.05	14.92	15.80			
20		1	80	15.01	15.08	14.96	15.80			
20	64QAM	50	50	15.09	15.02	14.84	15.80			
20		50	24	14.98	14.93	14.96	15.80			
20		50	50	15.12	15.18	14.89	15.80			
20		100	0	14.98	15.15	14.90	15.80			
20		1	40	15.18	14.92	15.09	15.80			
20	256QAM	1	0	14.97	14.97	14.87	15.80			
20		1	40	14.98	15.08	14.87	15.80			
20		1	80	15.03	14.93	14.90	15.80			
20		50	50	15.03	15.03	15.03	15.80			
20		100	0	15.01	14.94	14.90	15.80			
Channel										
Frequency (MHz)										
15	QPSK	1	0	14.91	15.12	14.93	15.80			
15		1	37	14.74	15.03	14.76	15.80			
15		1	74	14.88	14.81	14.96	15.80			
15		38	0	14.87	14.81	14.91	15.80			
15		38	20	14.82	14.90	14.88	15.80			
15	16QAM	38	30	14.80	14.88	14.87	15.80			
15		1	0	14.89	14.89	14.90	15.80			
15		1	0	14.89	15.08	14.87	15.80			
15		1	37	14.89	14.87	14.82	15.80			
15		1	74	14.86	14.87	14.81	15.80			
15	64QAM	38	0	14.89	14.85	14.78	15.80			
15		38	20	14.83	14.87	14.76	15.80			
15		38	30	15.02	15.01	14.89	15.80			
15		1	0	14.71	14.88	14.77	15.80			
15		1	0	14.84	14.85	14.88	15.80			
15	256QAM	1	37	14.86	14.82	15.00	15.80			
15		1	74	14.86	14.84	14.80	15.80			
15		38	0	14.85	14.80	14.79	15.80			
15		38	20	14.89	14.91	14.86	15.80			
15		38	30	14.89	14.91	14.76	15.80			
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.02	15.12	15.08	15.80			
15		1	26	14.81	14.81	14.76	15.80			
15		1	49	14.84	14.83	14.82	15.80			
15		20	0	14.89	14.88	15.03	15.80			
15		20	12	15.09	14.78	14.87	15.80			
15	16QAM	20	25	14.82	14.88	14.88	15.80			
15		1	0	14.89	14.88	14.76	15.80			
15		1	0	14.81	15.08	14.83	15.80			
15		1	26	14.71	15.02	14.84	15.80			
15		1	49	15.01	14.84	14.76	15.80			
15	64QAM	20	0	15.02	14.83	14.83	15.80			
15		20	12	14.99	14.86	14.88	15.80			
15		20	25	14.80	14.87	14.84	15.80			
15		1	0	14.82	14.88	14.91	15.80			
15		1	0	14.81	14.91	14.89	15.80			
15	256QAM	1	26	14.89	14.75	14.89	15.80			
15		1	49	14.89	14.83	14.83	15.80			
15		20	0	14.84	14.98	14.82	15.80			
15		20	12	14.88	15.03	14.80	15.80			
15		20	25	14.76	14.78	14.78	15.80			
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.03	15.13	14.97	15.80			
15		1	12	14.74	14.87	14.71	15.80			
15		1	24	14.87	14.85	14.78	15.80			
15		12	0	14.84	14.85	14.81	15.80			
15		12	7	14.88	14.76	14.76	15.80			
15	16QAM	12	13	14.78	14.83	14.80	15.80			
15		1	0	14.89	14.88	14.80	15.80			
15		1	0	14.79	14.88	14.79	15.80			
15		1	12	14.85	14.83	14.81	15.80			
15		1	24	14.87	14.88	14.74	15.80			
15	64QAM	12	0	14.89	14.81	14.89	15.80			
15		12	7	14.80	14.85	14.83	15.80			
15		12	13	14.82	14.87	14.86	15.80			
15		1	0	14.88	15.03	14.87	15.80			
15		1	12	15.08	14.84	14.80	15.80			
15	256QAM	12	0	14.89	14.81	14.89	15.80			
15		12	7	14.82	14.80	14.87	15.80			
15		12	13	14.78	14.78	14.72	15.80			
15		1	0	14.82	14.85	14.74	15.80			
15		1	0	14.75	14.86	14.84	15.80			
Channel										
Frequency (MHz)										
15	QPSK	1	0	15.05	15.01	14.98	15.80			
15		1	8	14.92	14.85	14.89	15.80			
15		1	16	14.89	14.88	14.79	15.80			
15		8	0	14.94	14.89	14.91	15.80			
15		8	4	15.09	14.85	14.89	15.80			
15	16QAM	8	7	14.91	14.95	14.75	15.80			
15		1	14	14.88	15.04	14.74	15.80			
15	64QAM	8	0	14.89	14.94	14.91	15.80			
15		8	4	14.88	14.94	14.81	15.80			
15		8	7	14.89	15.08	14.87	15.80			
15		1	0	14.89	15.08	14.87	15.80			
15		1	14	14.86	15.04	14.82	15.80			
15	256QAM	8	0	14.82	14.85	14.87	15.80			
15		8	4	14.84	14.87	14.75	15.80			
15		8	7	14.84	14.76	14.85	15.80			
15		1	14	14.78	15.03	14.83	15.80			
15		1	16	14.87	14.88	14.87	15.80			
15	256QAM	8	4	14.88	14.83	14.85	15.80			
15		8	7	15.01	14.81	14.81	15.80			
15		1	0	14.86	14.72	14.86	15.80			
Channel										
Frequency (MHz)										
1.4		QPSK	1	3	14.75	14.80	14.84	15.80		
1.4			1	3	14.79	14.73	14.94	15.80		
1.4	1		3	15.01	14.82	14.82	15.80			
1.4	1		3	15.00	14.80	14.83	15.80			
1.4	3		3	14.89	14.82	14.80	15.80			
1.4	16QAM	1	3	14.77	14.89	14.80	15.80			
1.4		1	3	14.75	14.79	14.78	15.80			
1.4		1	3	14.83	15.08	14.72	15.80			
1.4		1	3	14.80	14.88	14.80	15.80			
1.4		1	3	14.81	14.88	14.80	15.80			
1.4	64QAM	1	3	14.87	14.87	14.80	15.80			
1.4		1	3	14.82	14.83	14.81	15.80			
1.4		1	3	14.75	15.05	14.75	15.80			
1.4		3	1	14.86	14.88	14.82	15.80			
1.4		3	1	14.81	14.83	14.73	15.80			
1.4	256QAM	1	3	14.87	14.84	14.72	15.80			
1.4		1	3	14.87	14.84	14.72	15.80			
1.4		1	3	14.72	14.89	14.79	15.80			
1.4		3	1	14.82	15.08	14.82	15.80			
1.4		3	1	14.86	14.86	14.76	15.80			

<LTE Band 2_Ant 4_ECI>

BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Freq. 18100	Power Line Ch. Freq. 18600	Power Line Ch. Freq. 19100	Time-up Line (MHz)	
Channel								
20	QPSK	Frequency (kHz)	0	18.12	18.21	18.30	18.40	
20		1	40	13.82	13.87	13.87	18.40	
20		1	60	14.00	13.98	13.94	18.40	
20		40	0	14.00	14.03	14.08	18.40	
20		50	24	13.97	14.05	13.95	18.40	
20	16QAM	50	50	13.98	14.06	14.06	18.40	
20		100	0	14.07	14.12	14.12	18.40	
20		1	0	13.97	14.13	14.02	18.40	
20		1	40	13.99	13.82	13.96	18.40	
20		1	60	14.04	13.97	13.92	18.40	
20	64QAM	50	0	14.05	13.92	13.91	18.40	
20		50	24	14.08	13.87	13.87	18.40	
20		50	50	13.98	13.97	13.94	18.40	
20		100	0	13.98	14.06	14.04	18.40	
20		1	0	13.98	14.05	13.99	18.40	
20	256QAM	1	40	13.98	13.96	13.86	18.40	
20		1	60	14.11	14.06	13.96	18.40	
20		50	0	13.98	14.10	13.99	18.40	
20		50	24	13.98	13.89	14.10	18.40	
20		50	50	13.98	13.93	13.90	18.40	
20	QPSK	100	0	13.92	14.17	13.95	18.40	
20		1	0	13.98	13.96	13.86	18.40	
20		1	40	13.98	13.96	13.86	18.40	
20		1	60	14.11	14.06	13.96	18.40	
20		50	0	13.98	14.10	13.99	18.40	
20	16QAM	50	24	13.98	13.89	14.10	18.40	
20		50	50	13.98	13.93	13.90	18.40	
20		100	0	13.92	14.17	13.95	18.40	
20		1	0	13.98	13.96	13.86	18.40	
20		1	40	14.01	13.95	13.82	18.40	
20	256QAM	1	60	14.03	13.96	13.86	18.40	
20		1	80	14.03	13.96	13.86	18.40	
20		50	0	14.00	14.04	13.98	18.40	
20		50	24	13.97	14.02	13.92	18.40	
20		50	50	14.00	14.07	14.00	18.40	
20	QPSK	100	0	14.01	14.17	13.98	18.40	
20		1	0	14.05	13.90	13.92	18.40	
20		1	37	13.74	13.80	13.82	18.40	
20		1	74	13.91	14.01	13.91	18.40	
20		30	0	14.00	14.00	14.13	18.40	
20	16QAM	30	20	13.92	13.93	13.79	18.40	
20		30	50	13.85	13.78	13.89	18.40	
20		1	0	13.87	13.86	13.86	18.40	
20		1	0	14.03	13.94	13.84	18.40	
20		1	37	13.90	13.84	13.89	18.40	
20	64QAM	1	60	13.91	13.80	13.81	18.40	
20		30	0	13.91	13.80	13.81	18.40	
20		30	20	14.00	13.77	13.88	18.40	
20		30	50	13.93	13.82	13.85	18.40	
20		1	0	13.92	14.06	13.92	18.40	
20	256QAM	1	0	14.03	13.75	13.75	18.40	
20		1	37	13.89	14.03	13.76	18.40	
20		1	60	13.84	14.00	13.94	18.40	
20		30	0	13.75	14.01	13.94	18.40	
20		30	20	14.02	13.91	13.94	18.40	
20	QPSK	30	50	13.90	13.88	13.82	18.40	
20		70	0	13.97	13.90	13.96	18.40	
20		1	0	13.81	13.86	13.77	18.40	
20		1	37	13.94	13.90	13.85	18.40	
20		14	13.91	13.88	13.81	18.40		
20	16QAM	30	0	13.75	13.85	13.88	18.40	
20		30	20	13.92	13.80	13.93	18.40	
20		30	50	13.85	13.82	13.79	18.40	
20		70	0	13.85	13.90	13.94	18.40	
20		1	0	13.85	13.90	13.94	18.40	
20	64QAM	Channel	18800	18600	19175	Time-up Line (MHz)		
20		Frequency (kHz)	0	14.05	13.97	13.87	18.40	
20		1	20	13.83	13.79	13.87	18.40	
20		1	40	13.91	14.05	13.94	18.40	
20		20	12	14.00	14.12	13.92	18.40	
20	256QAM	20	12	13.88	13.85	13.79	18.40	
20		20	25	13.92	13.85	13.88	18.40	
20		40	0	13.86	13.71	13.86	18.40	
20		40	0	13.88	13.95	13.89	18.40	
20		10	1	14.05	13.78	13.84	18.40	
20	QPSK	1	40	13.98	13.90	13.79	18.40	
20		25	0	13.91	13.87	13.81	18.40	
20		10	20	13.92	13.81	13.92	18.40	
20		20	25	13.94	13.89	13.90	18.40	
20		10	0	13.94	13.86	13.89	18.40	
20	16QAM	1	0	14.04	13.77	13.77	18.40	
20		1	25	13.94	14.04	13.93	18.40	
20		40	0	14.00	13.96	13.82	18.40	
20		20	0	13.75	14.10	13.88	18.40	
20		20	12	13.90	13.73	13.91	18.40	
20	64QAM	20	25	13.90	13.86	13.95	18.40	
20		50	0	14.01	13.86	13.95	18.40	
20		1	0	13.87	14.06	13.81	18.40	
20		1	25	13.87	13.79	13.91	18.40	
20		40	0	13.87	13.91	13.90	18.40	
20	256QAM	20	0	13.75	14.01	13.79	18.40	
20		25	12	13.92	13.95	14.03	18.40	
20		10	20	14.00	13.86	13.92	18.40	
20		50	0	13.88	13.92	13.74	18.40	
20		1	0	13.88	13.92	13.74	18.40	
20	QPSK	Channel	18825	18600	19175	Time-up Line (MHz)		
20		Frequency (kHz)	0	13.87	14.10	13.93	18.40	
20		5	1	12	13.75	13.79	18.40	
20		5	1	24	13.87	13.81	13.77	18.40
20		5	37	13.87	14.12	13.93	18.40	
20	16QAM	5	12	7	13.81	13.96	13.86	18.40
20		5	12	13	13.81	13.94	14.01	18.40
20		5	20	0	13.85	13.79	13.93	18.40
20		5	1	0	13.88	14.04	13.90	18.40
20		5	1	12	14.03	13.88	13.86	18.40
20	64QAM	5	14	13.93	13.89	13.82	18.40	
20		5	12	0	13.89	13.86	13.95	18.40
20		5	12	7	13.98	13.82	13.82	18.40
20		5	12	13	13.85	13.98	13.83	18.40
20		5	20	0	13.86	13.96	13.90	18.40
20	256QAM	5	1	0	13.89	13.82	13.87	18.40
20		5	1	12	14.03	13.92	13.77	18.40
20		5	1	13	13.95	14.00	13.86	18.40
20		5	12	0	13.93	13.91	13.93	18.40
20		5	12	7	13.85	13.77	13.93	18.40
20	QPSK	5	14	13	13.85	13.86	13.91	18.40
20		5	25	0	13.98	13.97	14.02	18.40
20		5	1	0	13.91	13.96	13.93	18.40
20		5	1	12	13.75	13.97	13.76	18.40
20		5	1	24	13.99	14.02	13.92	18.40
20	16QAM	5	12	0	13.94	13.82	13.74	18.40
20		5	12	7	13.79	13.79	13.95	18.40
20		5	12	13	13.96	13.95	13.96	18.40
20		5	20	0	13.91	13.94	13.91	18.40
20		Channel	18875	18600	19185	Time-up Line (MHz)		
20	QPSK	Frequency (kHz)	0	14.11	14.00	14.08	18.40	
20		1	0	13.98	13.95	13.79	18.40	
20		1	14	13.81	13.88	13.88	18.40	
20		8	0	14.00	14.00	14.00	18.40	
20		8	4	13.72	13.95	13.82	18.40	
20	16QAM	8	7	13.88	13.91	14.02	18.40	
20		8	0	13.86	13.88	13.97	18.40	
20		8	0	13.88	14.00	13.83	18.40	
20		8	1	8	13.98	13.97	13.88	18.40
20		8	1	13	13.86	13.86	13.94	18.40
20	64QAM	8	0	13.88	13.75	13.84	18.40	
20		8	4	13.88	13.91	13.71	18.40	
20		8	7	13.86	14.00	13.79	18.40	
20		10	0	13.83	13.93	13.81	18.40	
20		1	0	14.03	13.82	13.88	18.40	
20	256QAM	1	8	13.89	14.09	13.84	18.40	
20		1	14	13.82	13.94	13.87	18.40	
20		8	0	13.75	14.08	13.75	18.40	
20		8	4	14.02	13.77	13.82	18.40	
20		8	7	13.86	14.07	13.76	18.40	
20	QPSK	10	0	13.89	14.05	13.99	18.40	
20		1	0	13.75	14.02	13.74	18.40	
20		1	8	14.06	13.92	14.02	18.40	
20		1	14	13.96	13.92	14.02	18.40	
20		3	0	13.79	14.00	13.75	18.40	
20	16QAM	3	0	13.76	13.93	13.90	18.40	
20		3	8	13.89	13.77	13.96	18.40	
20		3	7	13.89	13.80	13.91	18.40	
20		3	10	0	13.84	14.01	13.86	18.40
20		Channel	18897	18600	19195	Time-up Line (MHz)		
1.4	QPSK	Frequency (kHz)	0	13.94	13.95	14.10	18.40	
1.4		1	3	13.94	13.99	13.99	18.40	
1.4		1	0	13.94	13.94	13.94	18.40	
1.4		3	0	13.96	14.04	13.96	18.40	
1.4		3	3	13.94	13.96	14.01	18.40	
1.4	16QAM	3	0	13.99	13.98	13.97	18.40	
1.4		3	1	13.98	13.79	13.98	18.40	
1.4		3	1	13.91	13.93	13.96	18.40	
1.4		1	3	13.81	13.85	13.91	18.40	
1.4		3	1	13.81	13.93	13.91	18.40	
1.4	64QAM	3	0	13.94	13.94	13.94	18.40	
1.4		3	3	13.92	13.87	14.02	18.40	
1.4		3	3	13.86	13.87	13.95	18.40	
1.4		3	3	13.90	13.78	13.88	18.40	
1.4		3	3	13.94	13.94	13.94	18.40	
1.4	256QAM	3	0	13.81	13.98	13.79	18.40	
1.4		3	3	13.84	13.92	13.79	18.40	
1.4		3	3	13.84	13.87	13.95	18.40	
1.4		3	3	13.82	13.75	13.90	18.40	
1.4		3	3	13.90	13.83	13.93	18.40	

<LTE Band 41_Ant 1_Default-1>

BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Margin Ch. / Freq.	Power Margin Ch. / Freq.	Power Margin Ch. / Freq.	Power Margin Ch. / Freq.	Tune-up Limit (dBm)
Channel									
Frequency (MHz)				36750	40185	40620	41055	41490	
				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.35	22.31	22.45	22.38	22.41	24.00
20		1	49	22.31	22.22	22.28	22.24	22.28	24.00
20		1	99	22.30	22.23	22.35	22.20	22.30	24.00
20		50	0	21.35	21.32	21.37	21.29	21.36	23.00
20		50	24	21.33	21.31	21.28	21.28	21.30	23.00
20		50	50	21.22	21.17	21.24	21.23	21.31	23.00
20	16QAM	100	0	21.26	21.29	21.36	21.31	21.28	23.00
20		1	0	21.27	21.27	21.37	21.41	21.38	23.00
20		1	49	21.33	21.28	21.25	21.26	21.28	23.00
20		1	99	21.37	21.37	21.36	21.29	21.35	23.00
20		50	0	20.39	20.32	20.32	20.26	20.34	22.00
20		50	24	20.27	20.38	20.30	20.39	20.34	22.00
20	64QAM	50	50	20.26	20.32	20.36	20.38	20.36	22.00
20		100	0	20.37	20.39	20.35	20.33	20.34	22.00
20		1	0	20.15	20.23	20.27	20.23	20.24	22.00
20		1	49	20.25	20.23	20.20	20.14	20.11	22.00
20		1	99	20.10	20.11	20.19	20.15	20.14	22.00
20		50	0	19.33	19.42	19.41	19.31	19.35	21.00
20	256QAM	50	24	19.42	19.39	19.32	19.37	19.27	21.00
20		50	50	19.39	19.40	19.26	19.32	19.35	21.00
20		100	0	19.28	19.31	19.29	19.34	19.24	21.00
20		1	0	17.27	17.22	17.15	17.14	17.17	19.00
20		1	49	17.20	17.21	17.12	17.19	17.12	19.00
20		1	99	17.07	17.07	17.05	16.99	17.01	19.00
20	16QAM	50	0	17.45	17.44	17.42	17.37	17.39	19.00
20		50	24	17.38	17.39	17.41	17.40	17.36	19.00
20		50	50	17.42	17.33	17.41	17.37	17.37	19.00
20		100	0	17.30	17.35	17.35	17.29	17.28	19.00
Channel									
Frequency (MHz)				36725	40173	40620	41068	41515	
				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.26	22.24	22.24	22.24	22.38	24.00
15		1	37	22.37	22.33	22.30	22.34	22.30	24.00
15		1	74	22.22	22.36	22.29	22.22	22.32	24.00
15		36	0	21.36	21.38	21.35	21.36	21.28	23.00
15		36	20	21.32	21.30	21.27	21.27	21.28	23.00
15		36	39	21.21	21.29	21.28	21.21	21.27	23.00
15	16QAM	75	0	21.32	21.33	21.37	21.34	21.38	23.00
15		1	0	21.40	21.40	21.32	21.30	21.27	23.00
15		1	37	21.33	21.34	21.28	21.34	21.25	23.00
15		1	74	21.32	21.27	21.25	21.22	21.30	23.00
15		36	0	20.37	20.31	20.36	20.39	20.37	22.00
15		36	20	20.26	20.37	20.35	20.38	20.27	22.00
15	64QAM	36	39	20.23	20.25	20.36	20.32	20.28	22.00
15		75	0	20.33	20.28	20.32	20.37	20.27	22.00
15		1	0	20.19	20.13	20.19	20.14	20.14	22.00
15		1	37	20.10	20.20	20.15	20.12	20.24	22.00
15		1	74	20.05	20.11	20.11	20.08	20.20	22.00
15		36	0	19.42	19.35	19.38	19.30	19.38	21.00
15	256QAM	36	20	19.30	19.37	19.33	19.31	19.34	21.00
15		36	39	19.34	19.36	19.40	19.35	19.39	21.00
15		75	0	19.31	19.35	19.35	19.37	19.30	21.00
15		1	0	17.11	17.17	17.20	17.20	17.21	19.00
15		1	37	17.11	17.20	17.23	17.16	17.15	19.00
15		1	74	17.03	17.08	17.07	17.10	17.04	19.00
15	16QAM	36	0	17.48	17.47	17.42	17.44	17.40	19.00
15		36	20	17.40	17.42	17.31	17.38	17.40	19.00
15		36	39	17.36	17.32	17.31	17.42	17.32	19.00
15		75	0	17.33	17.31	17.26	17.23	17.37	19.00
Channel									
Frequency (MHz)				36700	40160	40620	41080	41540	
				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.33	22.35	22.27	22.31	22.26	24.00
10		1	25	22.52	22.35	22.38	22.37	22.29	24.00
10		1	49	22.20	22.36	22.20	22.32	22.26	24.00
10		25	0	21.37	21.25	21.36	21.36	21.27	23.00
10		25	12	21.22	21.23	21.26	21.35	21.26	23.00
10		25	25	21.30	21.20	21.23	21.25	21.30	23.00
10	16QAM	50	0	21.27	21.27	21.24	21.28	21.24	23.00
10		1	0	21.36	21.37	21.31	21.33	21.31	23.00
10		1	25	21.25	21.32	21.27	21.37	21.28	23.00
10		1	49	21.27	21.23	21.25	21.26	21.33	23.00
10		25	0	20.27	20.37	20.32	20.30	20.38	22.00
10		25	12	20.27	20.27	20.33	20.26	20.35	22.00
10	64QAM	25	25	20.36	20.29	20.30	20.36	20.33	22.00
10		50	0	20.35	20.36	20.40	20.39	20.29	22.00
10		1	0	20.18	20.30	20.21	20.15	20.18	22.00
10		1	25	20.19	20.16	20.12	20.15	20.12	22.00
10		1	49	20.05	20.15	20.10	20.16	20.21	22.00
10		25	0	19.34	19.38	19.41	19.44	19.37	21.00
10	256QAM	25	12	19.32	19.26	19.28	19.27	19.38	21.00
10		25	25	19.36	19.35	19.38	19.41	19.35	21.00
10		50	0	19.36	19.37	19.27	19.27	19.35	21.00
10		1	0	17.13	17.16	17.12	17.17	17.17	19.00
10		1	25	17.16	17.16	17.19	17.24	17.19	19.00
10		1	49	17.01	17.05	17.08	17.14	17.13	19.00
10	16QAM	25	0	17.39	17.34	17.45	17.33	17.34	19.00
10		25	12	17.44	17.31	17.45	17.41	17.39	19.00
10		25	25	17.33	17.40	17.37	17.34	17.31	19.00
10		50	0	17.30	17.27	17.31	17.39	17.35	19.00
Channel									
Frequency (MHz)				36675	40148	40620	41093	41565	
				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.26	22.29	22.35	22.25	22.38	24.00
5		1	12	22.36	22.36	22.33	22.28	22.33	24.00
5		1	24	22.21	22.27	22.32	22.35	22.27	24.00
5		12	0	21.35	21.33	21.32	21.29	21.33	23.00
5		12	7	21.28	21.27	21.34	21.30	21.35	23.00
5		12	13	21.25	21.29	21.26	21.20	21.25	23.00
5	16QAM	25	0	21.33	21.33	21.23	21.26	21.30	23.00
5		1	0	21.38	21.41	21.28	21.34	21.32	23.00
5		1	12	21.33	21.30	21.25	21.34	21.25	23.00
5		1	24	21.34	21.34	21.31	21.34	21.36	23.00
5		12	0	20.39	20.26	20.41	20.29	20.26	22.00
5		12	7	20.33	20.37	20.35	20.32	20.30	22.00
5	64QAM	12	13	20.37	20.38	20.28	20.37	20.37	22.00
5		25	0	20.35	20.38	20.29	20.27	20.31	22.00
5		1	0	20.18	20.13	20.22	20.24	20.22	22.00
5		1	12	20.11	20.14	20.21	20.23	20.16	22.00
5		1	24	20.15	20.15	20.12	20.18	20.11	22.00
5		12	0	19.42	19.31	19.42	19.31	19.31	21.00
5	256QAM	12	7	19.31	19.37	19.37	19.37	19.32	21.00
5		12	13	19.36	19.35	19.36	19.33	19.35	21.00
5		25	0	19.29	19.30	19.29	19.24	19.30	21.00
5		1	0	17.11	17.19	17.15	17.27	17.25	19.00
5		1	12	17.19	17.22	17.17	17.17	17.20	19.00
5		1	24	17.09	17.08	17.05	17.12	17.13	19.00
5	16QAM	12	0	17.38	17.35	17.45	17.41	17.36	19.00
5		12	7	17.35	17.42	17.37	17.37	17.46	19.00
5		12	13	17.28	17.41	17.32	17.30	17.29	19.00
5		25	0	17.29	17.30	17.27	17.34	17.29	19.00

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BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Tune-up Limit (dBm)
Channel									
Frequency (MHz)				38750	40185	40620	41055	41490	
20	QPSK	1	0	22.35	22.31	22.45	22.38	22.41	24.00
20		1	49	22.31	22.22	22.28	22.24	22.28	24.00
20		1	99	22.30	22.23	22.35	22.20	22.30	24.00
20		50	0	21.35	21.32	21.37	21.29	21.36	23.00
20		50	24	21.33	21.31	21.28	21.28	21.30	23.00
20		50	50	21.22	21.17	21.24	21.23	21.31	23.00
20	16QAM	100	0	21.26	21.29	21.36	21.31	21.28	23.00
20		1	0	21.27	21.27	21.37	21.41	21.38	23.00
20		1	49	21.33	21.28	21.25	21.26	21.28	23.00
20		1	99	21.37	21.37	21.36	21.29	21.35	23.00
20		50	0	20.39	20.32	20.32	20.26	20.34	22.00
20		50	24	20.27	20.38	20.30	20.39	20.34	22.00
20	64QAM	50	50	20.26	20.32	20.36	20.36	20.36	22.00
20		100	0	20.37	20.39	20.35	20.33	20.34	22.00
20		1	0	20.15	20.23	20.27	20.23	20.24	22.00
20		1	49	20.25	20.23	20.20	20.14	20.11	22.00
20		1	99	20.10	20.11	20.19	20.15	20.14	22.00
20		50	0	19.33	19.42	19.41	19.31	19.35	21.00
20	256QAM	50	24	19.42	19.39	19.32	19.37	19.27	21.00
20		50	50	19.39	19.40	19.26	19.32	19.35	21.00
20		100	0	19.28	19.31	19.29	19.34	19.24	21.00
20		1	0	17.27	17.22	17.15	17.14	17.17	19.00
20		1	49	17.20	17.21	17.12	17.19	17.12	19.00
20		1	99	17.00	17.07	17.05	16.99	17.01	19.00
20	16QAM	50	0	17.45	17.44	17.42	17.37	17.39	19.00
20		50	24	17.38	17.39	17.41	17.40	17.36	19.00
20		50	50	17.42	17.33	17.41	17.37	17.37	19.00
20		100	0	17.30	17.35	17.35	17.29	17.28	19.00
Channel									
Frequency (MHz)				38725	40173	40620	41068	41515	
15	QPSK	1	0	22.26	22.24	22.24	22.25	22.38	24.00
15		1	37	22.37	22.33	22.30	22.34	22.30	24.00
15		1	74	22.22	22.36	22.29	22.22	22.32	24.00
15		36	0	21.36	21.38	21.35	21.36	21.28	23.00
15		36	20	21.32	21.30	21.28	21.27	21.28	23.00
15		36	39	21.21	21.29	21.28	21.21	21.27	23.00
15	16QAM	75	0	21.32	21.33	21.37	21.34	21.38	23.00
15		1	0	21.40	21.40	21.32	21.30	21.27	23.00
15		1	37	21.33	21.34	21.28	21.34	21.25	23.00
15		1	74	21.32	21.27	21.25	21.22	21.30	23.00
15		36	0	20.37	20.31	20.36	20.39	20.37	22.00
15		36	20	20.26	20.37	20.35	20.38	20.27	22.00
15	64QAM	36	39	20.23	20.25	20.36	20.32	20.28	22.00
15		75	0	20.33	20.28	20.32	20.37	20.27	22.00
15		1	0	20.19	20.13	20.19	20.14	20.14	22.00
15		1	37	20.10	20.20	20.15	20.12	20.24	22.00
15		1	74	20.05	20.11	20.11	20.08	20.20	22.00
15		36	0	19.42	19.35	19.38	19.30	19.38	21.00
15	256QAM	36	20	19.30	19.37	19.33	19.31	19.34	21.00
15		36	39	19.34	19.36	19.40	19.35	19.39	21.00
15		75	0	19.31	19.35	19.35	19.37	19.30	21.00
15		1	0	17.11	17.17	17.20	17.20	17.21	19.00
15		1	37	17.11	17.20	17.23	17.16	17.15	19.00
15		1	74	17.03	17.08	17.07	17.10	17.04	19.00
15	16QAM	36	0	17.48	17.47	17.42	17.44	17.40	19.00
15		36	20	17.40	17.42	17.31	17.38	17.40	19.00
15		36	39	17.36	17.32	17.31	17.42	17.32	19.00
15		75	0	17.33	17.31	17.26	17.23	17.37	19.00
Channel									
Frequency (MHz)				38700	40160	40620	41080	41540	
10	QPSK	1	0	22.33	22.35	22.27	22.31	22.26	24.00
10		1	25	22.52	22.35	22.38	22.37	22.29	24.00
10		1	49	22.20	22.36	22.20	22.32	22.26	24.00
10		25	0	21.37	21.35	21.36	21.36	21.27	23.00
10		25	12	21.22	21.23	21.26	21.35	21.26	23.00
10		25	25	21.30	21.20	21.23	21.25	21.30	23.00
10	16QAM	50	0	21.27	21.27	21.24	21.28	21.24	23.00
10		1	0	21.36	21.37	21.31	21.33	21.31	23.00
10		1	25	21.25	21.32	21.27	21.37	21.28	23.00
10		1	49	21.27	21.23	21.25	21.26	21.33	23.00
10		25	0	20.27	20.37	20.32	20.30	20.38	22.00
10		25	12	20.27	20.27	20.33	20.26	20.35	22.00
10	64QAM	25	25	20.36	20.29	20.30	20.36	20.33	22.00
10		50	0	20.35	20.36	20.40	20.39	20.29	22.00
10		1	0	20.18	20.20	20.21	20.15	20.18	22.00
10		1	25	20.19	20.16	20.12	20.15	20.12	22.00
10		1	49	20.05	20.15	20.10	20.16	20.21	22.00
10		25	0	19.34	19.38	19.41	19.44	19.37	21.00
10	256QAM	25	12	19.32	19.26	19.28	19.27	19.38	21.00
10		25	25	19.36	19.35	19.38	19.41	19.35	21.00
10		50	0	19.36	19.37	19.27	19.27	19.35	21.00
10		1	0	17.13	17.16	17.12	17.17	17.17	19.00
10		1	25	17.16	17.16	17.19	17.24	17.19	19.00
10		1	49	17.01	17.05	17.08	17.14	17.13	19.00
10	16QAM	25	0	17.39	17.34	17.45	17.33	17.34	19.00
10		25	12	17.44	17.31	17.45	17.41	17.39	19.00
10		25	25	17.33	17.40	17.37	17.34	17.31	19.00
10		50	0	17.30	17.27	17.31	17.39	17.35	19.00
Channel									
Frequency (MHz)				38675	40148	40620	41093	41565	
5	QPSK	1	0	22.26	22.29	22.35	22.25	22.38	24.00
5		1	12	22.36	22.36	22.33	22.28	22.33	24.00
5		1	24	22.21	22.27	22.32	22.35	22.27	24.00
5		12	0	21.35	21.33	21.32	21.29	21.33	23.00
5		12	7	21.28	21.27	21.34	21.30	21.35	23.00
5		12	13	21.25	21.29	21.28	21.20	21.25	23.00
5	16QAM	25	0	21.33	21.33	21.23	21.26	21.30	23.00
5		1	0	21.38	21.41	21.28	21.34	21.32	23.00
5		1	12	21.33	21.30	21.25	21.34	21.25	23.00
5		1	24	21.34	21.34	21.31	21.34	21.36	23.00
5		12	0	20.39	20.26	20.41	20.29	20.26	22.00
5		12	7	20.33	20.37	20.35	20.32	20.30	22.00
5	64QAM	12	13	20.37	20.28	20.28	20.37	20.37	22.00
5		25	0	20.35	20.38	20.29	20.27	20.31	22.00
5		1	0	20.18	20.13	20.22	20.24	20.22	22.00
5		1	12	20.11	20.14	20.21	20.23	20.16	22.00
5		1	24	20.15	20.15	20.12	20.18	20.11	22.00
5		12	0	19.42	19.31	19.42	19.31	19.31	21.00
5	256QAM	12	7	19.31	19.37	19.37	19.37	19.32	21.00
5		12	13	19.36	19.35	19.36	19.33	19.35	21.00
5		25	0	19.29	19.30	19.29	19.24	19.30	21.00
5		1	0	17.11	17.19	17.15	17.27	17.25	19.00
5		1	12	17.19	17.22	17.17	17.17	17.20	19.00
5		1	24	17.08	17.08	17.05	17.12	17.13	19.00
5	16QAM	12	0	17.38	17.36	17.35	17.47	17.36	19.00
5		12	7	17.35	17.42	17.37	17.37	17.46	19.00
5		12	13	17.28	17.41	17.32	17.30	17.29	19.00
5		25	0	17.29	17.30	17.27	17.34	17.29	19.00

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BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)		
Channel									
Frequency (MHz)				38750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.93	20.95	21.06	21.00	21.02	21.70
		1	49	20.90	20.85	21.05	20.98	20.91	21.70
		1	99	20.89	20.85	21.02	21.01	20.92	21.70
		50	0	21.01	20.89	21.03	20.96	20.97	21.70
		50	24	20.99	20.86	21.01	20.91	20.96	21.70
		50	50	20.91	20.83	21.00	20.91	20.91	21.70
		100	0	20.92	20.87	21.01	20.93	20.98	21.70
		1	0	20.97	20.87	21.02	21.02	20.92	21.70
		1	49	20.87	20.91	21.05	21.01	20.90	21.70
		1	99	20.96	20.85	20.94	21.02	20.94	21.70
20	16QAM	50	0	20.96	20.81	21.05	20.91	20.97	21.70
		50	24	20.95	20.85	21.04	20.94	20.96	21.70
		50	50	20.98	20.91	21.01	20.95	21.00	21.70
		100	0	20.89	20.90	21.03	20.89	21.00	21.70
		1	0	20.99	20.92	21.05	20.99	20.98	21.70
		1	49	21.00	20.83	21.00	21.00	20.90	21.70
		1	99	20.88	20.84	20.99	20.92	20.95	21.70
		50	0	19.33	19.42	19.41	19.31	19.35	21.00
		50	24	19.42	19.39	19.32	19.37	19.27	21.00
		50	50	19.39	19.40	19.26	19.32	19.35	21.00
20	64QAM	100	0	19.28	19.31	19.29	19.34	19.24	21.00
		1	0	17.27	17.22	17.15	17.14	17.17	19.00
		1	49	17.20	17.21	17.12	17.19	17.12	19.00
		1	99	17.07	17.07	17.05	16.99	17.01	19.00
		50	0	17.45	17.44	17.42	17.37	17.39	19.00
		50	24	17.38	17.39	17.41	17.40	17.36	19.00
		50	50	17.42	17.33	17.41	17.37	17.37	19.00
		100	0	17.30	17.35	17.35	17.29	17.28	19.00
		Channel							
		Frequency (MHz)				38725	40173	40620	41068
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.81	20.90	21.00	20.88	20.88	21.70
		1	37	20.77	20.75	20.97	20.89	20.88	21.70
		1	74	20.84	20.81	20.92	20.92	20.85	21.70
		36	0	20.97	20.90	20.96	20.88	20.92	21.70
		36	20	20.85	20.78	20.89	20.79	20.87	21.70
		36	39	20.84	20.68	20.98	20.78	20.77	21.70
		75	0	20.79	20.73	20.90	20.81	20.83	21.70
		1	0	20.82	20.76	20.97	21.01	20.82	21.70
		1	37	20.83	20.67	20.94	20.86	20.85	21.70
		1	74	20.81	20.79	20.93	21.01	20.88	21.70
15	16QAM	36	0	20.89	20.70	20.95	20.82	20.94	21.70
		36	20	20.95	20.77	20.96	20.82	20.92	21.70
		36	39	20.82	20.66	20.96	20.81	20.87	21.70
		75	0	20.83	20.83	20.94	20.87	20.91	21.70
		1	0	20.91	20.84	20.92	20.81	20.83	21.70
		1	37	20.90	20.72	20.95	20.90	20.85	21.70
		1	74	20.74	20.81	20.83	20.89	20.90	21.70
		36	0	19.42	19.35	19.38	19.30	19.38	21.00
		36	20	19.30	19.37	19.33	19.31	19.34	21.00
		36	39	19.34	19.36	19.40	19.35	19.39	21.00
15	64QAM	75	0	19.31	19.35	19.35	19.37	19.30	21.00
		1	0	17.11	17.17	17.20	17.20	17.21	19.00
		1	37	17.11	17.20	17.23	17.16	17.15	19.00
		1	74	17.03	17.08	17.07	17.10	17.04	19.00
		36	0	17.48	17.47	17.42	17.44	17.40	19.00
		36	20	17.40	17.42	17.31	17.38	17.40	19.00
		36	39	17.38	17.32	17.31	17.42	17.42	19.00
		75	0	17.33	17.31	17.26	17.23	17.37	19.00
		Channel							
		Frequency (MHz)				38700	40160	40620	41060
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.77	20.81	20.96	20.91	20.90	21.70
		1	25	20.64	20.80	20.98	20.86	20.82	21.70
		1	49	20.67	20.82	20.88	20.99	20.87	21.70
		25	0	20.89	20.81	21.03	20.95	20.88	21.70
		25	12	20.82	20.85	21.00	20.90	20.89	21.70
		25	25	20.85	20.81	20.85	20.82	20.78	21.70
		50	0	20.90	20.78	20.98	20.86	20.82	21.70
		1	0	20.96	20.73	20.87	20.94	20.85	21.70
		1	25	20.74	20.79	20.94	20.97	20.78	21.70
		1	49	20.89	20.77	20.87	20.87	20.81	21.70
10	16QAM	25	0	20.90	20.76	20.95	20.78	20.81	21.70
		25	12	20.85	20.78	20.94	20.92	20.95	21.70
		25	25	20.87	20.78	20.99	20.92	20.96	21.70
		50	0	20.83	20.87	20.90	20.78	20.95	21.70
		1	0	20.97	20.82	21.04	20.83	20.96	21.70
		1	25	20.86	20.82	20.91	20.98	20.79	21.70
		1	49	20.82	20.77	20.83	20.79	20.85	21.70
		25	0	19.34	19.38	19.41	19.44	19.37	21.00
		25	12	19.32	19.26	19.28	19.27	19.38	21.00
		25	25	19.36	19.35	19.38	19.41	19.35	21.00
10	64QAM	50	0	19.36	19.37	19.27	19.27	19.35	21.00
		1	0	17.13	17.16	17.12	17.17	17.17	19.00
		1	25	17.16	17.16	17.19	17.24	17.19	19.00
		1	49	17.01	17.05	17.08	17.14	17.13	19.00
		25	0	17.39	17.34	17.45	17.33	17.34	19.00
		25	12	17.44	17.31	17.45	17.41	17.39	19.00
		25	25	17.33	17.40	17.37	17.34	17.31	19.00
		50	0	17.30	17.27	17.31	17.39	17.30	19.00
		Channel							
		Frequency (MHz)				38675	40148	40620	41063
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	20.88	20.87	21.05	20.92	20.91	21.70
		1	12	20.85	20.74	20.93	20.83	20.77	21.70
		1	24	20.89	20.78	20.90	20.86	20.82	21.70
		12	0	21.01	20.87	20.87	20.91	20.83	21.70
		12	7	20.84	20.72	20.98	20.90	20.91	21.70
		12	13	20.88	20.69	20.85	20.87	20.88	21.70
		25	0	20.82	20.78	20.96	20.78	20.88	21.70
		1	0	20.93	20.83	20.91	20.94	20.91	21.70
		1	12	20.82	20.78	20.97	20.85	20.78	21.70
		1	24	20.95	20.70	20.86	20.86	20.88	21.70
5	16QAM	12	0	20.96	20.71	20.92	20.91	20.85	21.70
		12	7	20.91	20.81	20.94	20.87	20.86	21.70
		12	13	20.88	20.78	21.00	20.79	20.83	21.70
		25	0	20.85	20.77	20.98	20.82	20.88	21.70
		1	0	20.97	20.81	20.99	20.77	20.90	21.70
		1	12	20.98	20.77	20.93	20.82	20.79	21.70
		1	24	20.76	20.81	20.98	20.80	20.94	21.70
		12	0	19.42	19.31	19.42	19.31	19.31	21.00
		12	7	19.31	19.37	19.37	19.37	19.32	21.00
		12	13	19.36	19.35	19.36	19.33	19.35	21.00
5	64QAM	25	0	19.29	19.30	19.29	19.24	19.30	21.00
		1	0	17.11	17.19	17.15	17.27	17.25	19.00
		1	12	17.19	17.22	17.17	17.17	17.17	19.00
		1	24	17.08	17.08	17.05	17.12	17.13	19.00
		12	0	17.38	17.36	17.35	17.47	17.36	19.00
		12	7	17.35	17.42	17.37	17.37	17.46	19.00
		12	13	17.28	17.41	17.32	17.30	17.29	19.00
		25	0	17.29	17.30	17.27	17.34	17.29	19.00
		Channel							
		Frequency (MHz)				38650	40125	40620	41065
Frequency (MHz)				2496	2543.5	2593	2639.5	2687	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Tune-up Limit (dBm)
Channel									
Frequency (MHz)				36750	40185	40620	41055	41490	
				2505	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.35	22.31	22.45	22.38	22.41	24.00
20		1	49	22.31	22.22	22.28	22.24	22.28	24.00
20		1	99	22.30	22.23	22.35	22.20	22.30	24.00
20		50	0	21.35	21.32	21.37	21.29	21.36	23.00
20		50	24	21.33	21.31	21.28	21.28	21.30	23.00
20		50	50	21.22	21.17	21.24	21.23	21.31	23.00
20	16QAM	100	0	21.26	21.29	21.36	21.31	21.28	23.00
20		1	0	21.27	21.27	21.37	21.41	21.38	23.00
20		1	49	21.33	21.28	21.25	21.26	21.28	23.00
20		1	99	21.37	21.37	21.36	21.29	21.35	23.00
20		50	0	20.39	20.32	20.32	20.26	20.34	22.00
20		50	24	20.27	20.38	20.30	20.39	20.34	22.00
20	64QAM	50	50	20.26	20.32	20.36	20.36	20.36	22.00
20		100	0	20.37	20.39	20.35	20.33	20.34	22.00
20		1	0	20.15	20.23	20.27	20.23	20.24	22.00
20		1	49	20.25	20.23	20.20	20.14	20.11	22.00
20		1	99	20.10	20.11	20.19	20.15	20.14	22.00
20		50	0	19.33	19.42	19.41	19.31	19.35	21.00
20	256QAM	50	24	19.42	19.39	19.32	19.37	19.27	21.00
20		50	50	19.39	19.40	19.26	19.32	19.35	21.00
20		100	0	19.28	19.31	19.29	19.34	19.24	21.00
20		1	0	17.27	17.22	17.15	17.14	17.17	19.00
20		1	49	17.20	17.21	17.12	17.19	17.12	19.00
20		1	99	17.00	17.07	17.05	16.99	17.01	19.00
20	16QAM	50	0	17.45	17.44	17.42	17.37	17.39	19.00
20		50	24	17.38	17.39	17.41	17.40	17.36	19.00
20		50	50	17.42	17.33	17.41	17.37	17.37	19.00
20		100	0	17.30	17.35	17.35	17.29	17.28	19.00
Channel									
Frequency (MHz)				36725	40173	40620	41068	41515	
				2503.5	2548.3	2593	2637.8	2682.5 <td></td>	
15	QPSK	1	0	22.26	22.24	22.24	22.25	22.38	24.00
15		1	37	22.37	22.33	22.30	22.34	22.30	24.00
15		1	74	22.22	22.36	22.29	22.22	22.32	24.00
15		36	0	21.36	21.38	21.35	21.36	21.28	23.00
15		36	20	21.32	21.30	21.28	21.27	21.28	23.00
15		36	39	21.21	21.29	21.28	21.21	21.27	23.00
15	16QAM	75	0	21.32	21.33	21.37	21.34	21.38	23.00
15		1	0	21.40	21.40	21.32	21.30	21.27	23.00
15		1	37	21.33	21.34	21.28	21.34	21.25	23.00
15		1	74	21.32	21.27	21.25	21.22	21.30	23.00
15		36	0	20.37	20.31	20.36	20.39	20.37	22.00
15		36	20	20.26	20.37	20.35	20.38	20.27	22.00
15	64QAM	36	39	20.23	20.25	20.36	20.32	20.28	22.00
15		75	0	20.33	20.28	20.32	20.37	20.27	22.00
15		1	0	20.19	20.13	20.19	20.14	20.14	22.00
15		1	37	20.10	20.20	20.15	20.12	20.24	22.00
15		1	74	20.05	20.11	20.11	20.08	20.20	22.00
15		36	0	19.42	19.35	19.38	19.30	19.38	21.00
15	256QAM	36	20	19.30	19.37	19.33	19.31	19.34	21.00
15		36	39	19.34	19.36	19.40	19.35	19.39	21.00
15		75	0	19.31	19.35	19.35	19.37	19.30	21.00
15		1	0	17.11	17.17	17.20	17.20	17.21	19.00
15		1	37	17.11	17.20	17.23	17.16	17.15	19.00
15		1	74	17.03	17.08	17.07	17.10	17.04	19.00
15	16QAM	36	0	17.48	17.47	17.42	17.44	17.40	19.00
15		36	20	17.40	17.42	17.31	17.38	17.40	19.00
15		36	39	17.36	17.32	17.31	17.42	17.32	19.00
15		75	0	17.33	17.31	17.26	17.23	17.37	19.00
Channel									
Frequency (MHz)				36700	40160	40620	41080	41540	
				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.33	22.35	22.27	22.31	22.26	24.00
10		1	25	22.52	22.35	22.38	22.37	22.29	24.00
10		1	49	22.20	22.36	22.20	22.32	22.26	24.00
10		25	0	21.37	21.35	21.36	21.36	21.27	23.00
10		25	12	21.22	21.23	21.26	21.35	21.26	23.00
10		25	25	21.30	21.20	21.23	21.25	21.30	23.00
10	16QAM	50	0	21.27	21.27	21.24	21.28	21.24	23.00
10		1	0	21.36	21.37	21.31	21.33	21.31	23.00
10		1	25	21.25	21.32	21.27	21.37	21.28	23.00
10		1	49	21.27	21.23	21.25	21.26	21.33	23.00
10		25	0	20.27	20.37	20.32	20.30	20.38	22.00
10		25	12	20.27	20.27	20.33	20.26	20.35	22.00
10	64QAM	25	25	20.36	20.29	20.30	20.36	20.33	22.00
10		50	0	20.35	20.36	20.40	20.39	20.29	22.00
10		1	0	20.18	20.20	20.21	20.15	20.18	22.00
10		1	25	20.19	20.16	20.12	20.15	20.12	22.00
10		1	49	20.05	20.15	20.10	20.16	20.21	22.00
10		25	0	19.34	19.38	19.41	19.44	19.37	21.00
10	256QAM	25	12	19.32	19.26	19.28	19.27	19.38	21.00
10		25	25	19.36	19.35	19.38	19.41	19.35	21.00
10		50	0	19.36	19.37	19.27	19.27	19.35	21.00
10		1	0	17.13	17.16	17.12	17.17	17.17	19.00
10		1	25	17.16	17.16	17.19	17.24	17.19	19.00
10		1	49	17.01	17.05	17.08	17.14	17.13	19.00
10	16QAM	25	0	17.39	17.34	17.45	17.33	17.34	19.00
10		25	12	17.44	17.31	17.45	17.41	17.39	19.00
10		25	25	17.33	17.40	17.37	17.34	17.31	19.00
10		50	0	17.30	17.27	17.31	17.39	17.35	19.00
Channel									
Frequency (MHz)				36675	40148	40620	41093	41555	
				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.26	22.29	22.35	22.25	22.38	24.00
5		1	12	22.36	22.36	22.33	22.28	22.33	24.00
5		1	24	22.21	22.27	22.32	22.35	22.27	24.00
5		12	0	21.35	21.33	21.32	21.29	21.33	23.00
5		12	7	21.28	21.27	21.34	21.30	21.35	23.00
5		12	13	21.25	21.29	21.28	21.20	21.25	23.00
5	16QAM	25	0	21.33	21.33	21.23	21.26	21.30	23.00
5		1	0	21.38	21.41	21.28	21.34	21.32	23.00
5		1	12	21.33	21.30	21.25	21.34	21.25	23.00
5		1	24	21.34	21.34	21.31	21.34	21.36	23.00
5		12	0	20.39	20.26	20.41	20.29	20.26	22.00
5		12	7	20.33	20.37	20.35	20.32	20.30	22.00
5	64QAM	12	13	20.37	20.28	20.28	20.37	20.37	22.00
5		25	0	20.35	20.38	20.29	20.27	20.31	22.00
5		1	0	20.18	20.13	20.22	20.24	20.22	22.00
5		1	12	20.11	20.14	20.21	20.23	20.16	22.00
5		1	24	20.15	20.15	20.12	20.18	20.11	22.00
5		12	0	19.42	19.31	19.42	19.31	19.31	21.00
5	256QAM	12	7	19.31	19.37	19.37	19.37	19.32	21.00
5		12	13	19.36	19.35	19.36	19.33	19.35	21.00
5		25	0	19.29	19.30	19.29	19.24	19.30	21.00
5		1	0	17.11	17.19	17.15	17.27	17.25	19.00
5		1	12	17.19	17.22	17.17	17.17	17.20	19.00
5		1	24	17.08	17.08	17.06	17.12	17.13	19.00
5	16QAM	12	0	17.38	17.36	17.35	17.47	17.36	19.00
5		12	7	17.35	17.42	17.37	17.37	17.46	19.00
5		12	13	17.28	17.41	17.32	17.30	17.29	19.00
5		25	0	17.29	17.30	17.27	17.34	17.29	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							Tune-up Limit (dBm)			
Frequency (MHz)				38750	40185	40620		41055	41490	
2006				2549.5	2593	2636.5	2680			
20	QPSK	1	0	20.93	20.95	21.06	21.00	21.02	21.70	
20		1	49	20.90	20.85	21.05	20.98	20.91	21.70	
20		1	99	20.89	20.85	21.02	21.01	20.92	21.70	
20		50	0	21.01	20.89	21.03	20.96	20.97	21.70	
20		50	24	20.99	20.86	21.01	20.91	20.96	21.70	
20		50	50	20.91	20.83	21.00	20.91	20.91	21.70	
20		100	0	20.92	20.87	21.01	20.93	20.98	21.70	
20		1	0	20.97	20.87	21.02	21.02	20.92	21.70	
20		1	49	20.87	20.91	21.05	21.01	20.90	21.70	
20		1	99	20.96	20.85	20.94	21.02	20.94	21.70	
20	16QAM	50	0	20.96	20.81	21.05	20.91	20.87	21.70	
20		50	24	20.95	20.85	21.04	20.94	20.96	21.70	
20		50	50	20.96	20.91	21.01	20.95	21.00	21.70	
20		100	0	20.89	20.90	21.03	20.89	21.03	21.70	
20		1	0	20.99	20.92	21.05	20.89	20.98	21.70	
20		1	49	21.00	20.83	21.00	21.00	20.90	21.70	
20		1	99	20.89	20.84	20.99	20.92	20.95	21.70	
20		50	0	19.33	19.42	19.41	19.31	19.35	21.00	
20		50	24	19.42	19.39	19.32	19.37	19.27	21.00	
20		50	50	19.39	19.40	19.28	19.32	19.35	21.00	
20	64QAM	100	0	19.28	19.31	19.29	19.34	19.24	21.00	
20		1	0	17.27	17.22	17.15	17.14	17.17	19.00	
20		1	49	17.20	17.21	17.12	17.19	17.12	19.00	
20		1	99	17.00	17.07	17.05	16.99	17.01	19.00	
20		50	0	17.45	17.44	17.42	17.37	17.39	19.00	
20		50	24	17.38	17.39	17.41	17.40	17.36	19.00	
20		50	50	17.42	17.33	17.41	17.37	17.37	19.00	
20		100	0	17.30	17.35	17.35	17.29	17.28	19.00	
Channel				38725	40173	40620	41068	41515	Tune-up Limit (dBm)	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.81	20.90	21.00	20.88	20.88	21.70	
15		1	37	20.77	20.75	20.97	20.89	20.88	21.70	
15		1	74	20.84	20.81	20.92	20.92	20.85	21.70	
15		36	0	20.97	20.80	20.96	20.88	20.92	21.70	
15		36	20	20.85	20.78	20.89	20.79	20.87	21.70	
15		36	39	20.84	20.68	20.98	20.78	20.77	21.70	
15		75	0	20.79	20.73	20.90	20.81	20.83	21.70	
15		1	0	20.82	20.76	20.97	21.01	20.82	21.70	
15		1	37	20.83	20.67	20.94	20.86	20.85	21.70	
15		1	74	20.81	20.79	20.93	21.01	20.88	21.70	
15	16QAM	36	0	20.89	20.70	20.95	20.82	20.94	21.70	
15		36	20	20.95	20.77	20.96	20.82	20.92	21.70	
15		36	39	20.82	20.66	20.96	20.81	20.87	21.70	
15		75	0	20.83	20.83	20.94	20.87	20.91	21.70	
15		1	0	20.91	20.84	20.92	20.81	20.93	21.70	
15		1	37	20.90	20.72	20.95	20.90	20.85	21.70	
15		1	74	20.74	20.81	20.83	20.89	20.89	21.70	
15		36	0	19.42	19.35	19.38	19.30	19.38	21.00	
15		36	20	19.30	19.37	19.33	19.31	19.34	21.00	
15		36	39	19.34	19.36	19.40	19.35	19.39	21.00	
15	64QAM	75	0	19.31	19.35	19.35	19.37	19.30	21.00	
15		1	0	17.11	17.17	17.20	17.20	17.21	19.00	
15		1	37	17.11	17.20	17.23	17.16	17.15	19.00	
15		1	74	17.03	17.08	17.07	17.10	17.04	19.00	
15		36	0	17.48	17.47	17.42	17.44	17.40	19.00	
15		36	20	17.40	17.42	17.31	17.38	17.40	19.00	
15		36	39	17.38	17.32	17.31	17.42	17.32	19.00	
15		75	0	17.33	17.31	17.26	17.23	17.37	19.00	
Channel				38700	40160	40620	41080	41540	Tune-up Limit (dBm)	
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.77	20.81	20.96	20.91	20.90	21.70	
10		1	25	20.84	20.80	20.98	20.86	20.82	21.70	
10		1	49	20.87	20.82	20.88	20.99	20.87	21.70	
10		25	0	20.89	20.81	21.03	20.95	20.86	21.70	
10		25	12	20.82	20.85	21.00	20.90	20.89	21.70	
10		25	25	20.85	20.81	20.85	20.82	20.78	21.70	
10		50	0	20.90	20.78	20.98	20.86	20.92	21.70	
10		1	0	20.96	20.73	20.87	20.94	20.85	21.70	
10		1	25	20.74	20.79	20.94	20.97	20.78	21.70	
10		1	49	20.89	20.77	20.87	20.87	20.81	21.70	
10	16QAM	25	0	20.90	20.76	20.95	20.78	20.87	21.70	
10		25	12	20.85	20.78	20.94	20.92	20.95	21.70	
10		25	25	20.87	20.78	20.99	20.92	20.96	21.70	
10		50	0	20.83	20.87	20.90	20.78	20.95	21.70	
10		1	0	20.97	20.82	21.04	20.83	20.96	21.70	
10		1	25	20.86	20.82	20.91	20.88	20.76	21.70	
10		1	49	20.82	20.77	20.83	20.79	20.85	21.70	
10		25	0	19.34	19.38	19.41	19.44	19.37	21.00	
10		25	12	19.32	19.26	19.28	19.27	19.38	21.00	
10		25	25	19.36	19.35	19.38	19.41	19.35	21.00	
10	64QAM	50	0	19.36	19.37	19.27	19.27	19.35	21.00	
10		1	0	17.13	17.16	17.12	17.17	17.17	19.00	
10		1	25	17.16	17.16	17.19	17.24	17.19	19.00	
10		1	49	17.01	17.05	17.08	17.14	17.13	19.00	
10		25	0	17.39	17.34	17.45	17.33	17.34	19.00	
10		25	12	17.44	17.31	17.45	17.41	17.39	19.00	
10		25	25	17.33	17.40	17.37	17.34	17.31	19.00	
10		50	0	17.30	17.27	17.31	17.39	17.35	19.00	
Channel				38675	40148	40620	41093	41565	Tune-up Limit (dBm)	
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	20.88	20.87	21.05	20.92	20.91	21.70	
5		1	12	20.85	20.74	20.93	20.83	20.77	21.70	
5		1	24	20.89	20.78	20.96	20.86	20.82	21.70	
5		12	0	21.01	20.87	20.87	20.92	20.93	21.70	
5		12	7	20.84	20.72	20.98	20.90	20.91	21.70	
5		12	13	20.88	20.69	20.85	20.87	20.88	21.70	
5		25	0	20.82	20.78	20.96	20.78	20.88	21.70	
5		1	0	20.93	20.83	20.91	20.94	20.91	21.70	
5		1	12	20.82	20.78	20.97	20.85	20.78	21.70	
5		1	24	20.95	20.70	20.86	20.86	20.88	21.70	
5	16QAM	12	0	20.96	20.71	20.92	20.91	20.85	21.70	
5		12	7	20.91	20.81	20.94	20.87	20.86	21.70	
5		12	13	20.88	20.78	21.00	20.79	20.93	21.70	
5		25	0	20.85	20.77	20.98	20.82	20.89	21.70	
5		1	0	20.97	20.81	20.99	20.77	20.90	21.70	
5		1	12	20.98	20.77	20.93	20.82	20.75	21.70	
5		1	24	20.76	20.81	20.98	20.80	20.94	21.70	
5		12	0	19.42	19.31	19.42	19.31	19.31	21.00	
5		12	7	19.31	19.37	19.37	19.37	19.32	21.00	
5		12	13	19.36	19.35	19.36	19.33	19.35	21.00	
5	64QAM	25	0	19.29	19.30	19.29	19.24	19.30	21.00	
5		1	0	17.11	17.19	17.15	17.27	17.25	19.00	
5		1	12	17.19	17.22	17.17	17.17	17.20	19.00	
5		1	24	17.09	17.08	17.05	17.12	17.13	19.00	
5		12	0	17.38	17.35	17.35	17.47	17.36	19.00	
5		12	7	17.35	17.42	17.37	17.37	17.46	19.00	
5		12	13	17.28	17.41	17.32	17.30	17.29	19.00	
5		25	0	17.29	17.30	17.27	17.34	17.29	19.00	

<LTE Band 41_Ant 1_ECI 4-1>

BW (MHz)	Modulation	RB Size	RB Offset	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Power Limit Ch. / Freq.	Tune-up Limit (dBm)
Channel									
Frequency (MHz)				38750	40185	40620	41055	41490	
20	QPSK	1	0	22.35	22.31	22.45	22.38	22.41	24.00
20		1	49	22.31	22.22	22.28	22.24	22.28	24.00
20		1	99	22.30	22.23	22.35	22.20	22.30	24.00
20		50	0	21.35	21.32	21.37	21.29	21.36	23.00
20		50	24	21.33	21.31	21.28	21.28	21.30	23.00
20		50	50	21.22	21.17	21.24	21.23	21.31	23.00
20	16QAM	100	0	21.26	21.29	21.36	21.31	21.28	23.00
20		1	0	21.27	21.27	21.37	21.41	21.38	23.00
20		1	49	21.33	21.28	21.25	21.26	21.28	23.00
20		1	99	21.37	21.37	21.36	21.29	21.35	23.00
20		50	0	20.39	20.32	20.32	20.26	20.34	22.00
20		50	24	20.27	20.38	20.30	20.39	20.34	22.00
20	64QAM	50	50	20.26	20.32	20.36	20.36	20.36	22.00
20		100	0	20.37	20.39	20.35	20.33	20.34	22.00
20		1	0	20.19	20.30	20.27	20.23	20.24	22.00
20		1	49	20.25	20.23	20.20	20.14	20.11	22.00
20		1	99	20.10	20.11	20.19	20.15	20.14	22.00
20		50	24	19.42	19.39	19.32	19.37	19.27	21.00
20	256QAM	50	50	19.39	19.39	19.26	19.36	19.35	21.00
20		100	0	19.28	19.31	19.29	19.34	19.24	21.00
20		1	0	17.27	17.22	17.15	17.14	17.17	19.00
20		1	49	17.20	17.21	17.12	17.19	17.12	19.00
20		1	99	17.00	17.07	17.05	16.99	17.01	19.00
20		50	0	17.45	17.44	17.42	17.37	17.39	19.00
20	16QAM	50	24	17.38	17.39	17.41	17.40	17.36	19.00
20		50	50	17.42	17.33	17.41	17.37	17.37	19.00
20		100	0	17.30	17.35	17.35	17.29	17.28	19.00
Channel					38725	40173	40620	41068	41515
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.26	22.24	22.24	22.25	22.38	24.00
15		1	37	22.37	22.33	22.30	22.34	22.30	24.00
15		1	74	22.22	22.36	22.29	22.22	22.32	24.00
15		36	0	21.36	21.38	21.35	21.36	21.28	23.00
15		36	20	21.32	21.30	21.28	21.27	21.28	23.00
15		36	39	21.21	21.29	21.28	21.21	21.27	23.00
15	16QAM	75	0	21.32	21.33	21.37	21.34	21.38	23.00
15		1	0	21.40	21.40	21.32	21.30	21.27	23.00
15		1	37	21.33	21.34	21.28	21.34	21.25	23.00
15		1	74	21.32	21.27	21.25	21.22	21.30	23.00
15		36	0	20.37	20.31	20.35	20.39	20.37	22.00
15		36	20	20.26	20.37	20.35	20.38	20.27	22.00
15	64QAM	36	39	20.23	20.25	20.36	20.32	20.28	22.00
15		75	0	20.33	20.28	20.32	20.37	20.27	22.00
15		1	0	20.19	20.13	20.19	20.14	20.14	22.00
15		1	37	20.10	20.20	20.15	20.12	20.24	22.00
15		1	74	20.05	20.11	20.11	20.08	20.20	22.00
15		36	0	19.42	19.35	19.38	19.30	19.38	21.00
15	256QAM	36	20	19.30	19.37	19.33	19.31	19.34	21.00
15		36	39	19.34	19.36	19.40	19.35	19.39	21.00
15		75	0	19.31	19.35	19.35	19.37	19.30	21.00
15		1	0	17.11	17.17	17.20	17.20	17.21	19.00
15		1	37	17.11	17.20	17.23	17.16	17.15	19.00
15		1	74	17.03	17.08	17.07	17.10	17.04	19.00
15	16QAM	36	0	17.48	17.47	17.42	17.44	17.40	19.00
15		36	20	17.40	17.42	17.31	17.38	17.40	19.00
15		36	39	17.36	17.32	17.31	17.42	17.32	19.00
15		75	0	17.33	17.31	17.26	17.23	17.37	19.00
Channel				38700	40160	40620	41080	41540	Tune-up Limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.33	22.35	22.27	22.31	22.26	24.00
10		1	25	22.52	22.35	22.38	22.37	22.29	24.00
10		1	49	22.20	22.36	22.20	22.32	22.26	24.00
10		25	0	21.37	21.25	21.36	21.36	21.27	23.00
10		25	12	21.22	21.23	21.26	21.38	21.26	23.00
10		25	25	21.30	21.20	21.23	21.25	21.30	23.00
10	16QAM	50	0	21.27	21.27	21.24	21.28	21.24	23.00
10		1	0	21.36	21.37	21.31	21.33	21.31	23.00
10		1	25	21.25	21.32	21.27	21.37	21.28	23.00
10		1	49	21.27	21.23	21.25	21.26	21.33	23.00
10		25	0	20.27	20.37	20.32	20.30	20.38	22.00
10		25	12	20.27	20.27	20.33	20.26	20.35	22.00
10	64QAM	25	25	20.36	20.29	20.30	20.36	20.33	22.00
10		50	0	20.35	20.36	20.40	20.39	20.29	22.00
10		1	0	20.18	20.30	20.21	20.15	20.18	22.00
10		1	25	20.19	20.16	20.12	20.15	20.12	22.00
10		1	49	20.05	20.15	20.10	20.16	20.21	22.00
10		25	0	19.34	19.38	19.41	19.44	19.37	21.00
10	256QAM	25	12	19.32	19.26	19.28	19.27	19.38	21.00
10		25	25	19.36	19.35	19.38	19.41	19.35	21.00
10		50	0	19.36	19.37	19.27	19.27	19.35	21.00
10		1	0	17.13	17.16	17.12	17.17	17.17	19.00
10		1	25	17.16	17.16	17.19	17.24	17.19	19.00
10		1	49	17.01	17.05	17.08	17.14	17.13	19.00
10	16QAM	25	0	17.39	17.34	17.45	17.33	17.34	19.00
10		25	12	17.44	17.31	17.45	17.41	17.39	19.00
10		25	25	17.33	17.40	17.37	17.34	17.31	19.00
10		50	0	17.30	17.27	17.31	17.39	17.35	19.00
Channel				38675	40148	40620	41093	41565	Tune-up Limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	QPSK	1	0	22.26	22.29	22.35	22.25	22.38	24.00
5		1	12	22.36	22.26	22.33	22.28	22.33	24.00
5		1	24	22.21	22.27	22.32	22.35	22.27	24.00
5		12	0	21.35	21.33	21.32	21.29	21.33	23.00
5		12	7	21.28	21.27	21.34	21.30	21.35	23.00
5		12	13	21.25	21.29	21.26	21.20	21.25	23.00
5	16QAM	25	0	21.33	21.33	21.23	21.26	21.30	23.00
5		1	0	21.36	21.41	21.28	21.34	21.32	23.00
5		1	12	21.33	21.30	21.25	21.34	21.25	23.00
5		1	24	21.34	21.34	21.31	21.34	21.36	23.00
5		12	0	20.39	20.26	20.41	20.29	20.26	22.00
5		12	7	20.33	20.37	20.35	20.32	20.30	22.00
5	64QAM	12	13	20.37	20.38	20.28	20.37	20.37	22.00
5		25	0	20.35	20.38	20.29	20.27	20.31	22.00
5		1	0	20.18	20.13	20.22	20.24	20.22	22.00
5		1	12	20.11	20.14	20.21	20.23	20.16	22.00
5		1	24	20.15	20.15	20.12	20.18	20.11	22.00
5		12	0	19.42	19.31	19.42	19.31	19.31	21.00
5	256QAM	12	7	19.31	19.37	19.37	19.37	19.32	21.00
5		12	13	19.36	19.35	19.36	19.33	19.35	21.00
5		25	0	19.29	19.30	19.29	19.24	19.30	21.00
5		1	0	17.11	17.19	17.15	17.27	17.25	19.00
5		1	12	17.19	17.22	17.17	17.17	17.20	19.00
5		1	24	17.09	17.08	17.05	17.12	17.13	19.00
5	16QAM	12	0	17.38	17.35	17.45	17.41	17.36	19.00
5		12	7	17.35	17.42	17.37	17.37	17.46	19.00
5		12	13	17.28	17.41	17.32	17.30	17.29	19.00
5		25	0	17.29	17.30	17.27	17.34	17.29	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)					762			
10	QPSK	1	0		22.79		24.00	
10		1	25		22.61		24.00	
10		1	49		22.60		24.00	
10		25	0		22.69		24.00	
10		25	12		22.62		24.00	
10		25	25		22.65		24.00	
10	16QAM	50	0		22.66		24.00	
10		1	0		22.78		24.00	
10		1	25		22.66		24.00	
10		1	49		22.67		24.00	
10		25	0		22.67		24.00	
10		25	12		22.58		24.00	
10	64QAM	25	25		22.64		24.00	
10		50	0		22.67		24.00	
10		1	0		22.67		24.00	
10		1	25		22.59		24.00	
10		1	49		22.58		24.00	
10		25	0		22.70		24.00	
10	256QAM	25	12		22.60		24.00	
10		25	25		22.64		24.00	
10		50	0		22.68		24.00	
10		1	0		20.47		22.00	
10		1	25		20.52		22.00	
10		1	49		20.45		22.00	
10	16QAM	25	0		20.70		22.00	
10		25	12		20.66		22.00	
10		25	25		20.67		22.00	
10		50	0		20.68		22.00	
Channel				23205	23230	23255	Tune-up Limit (dBm)	
Frequency (MHz)				770.5	762	764.5		
5	QPSK	1	0	22.64	22.66	22.67	24.00	
5		1	12	22.55	22.55	22.49	24.00	
5		1	24	22.54	22.48	22.48	24.00	
5		12	0	22.65	22.65	22.66	24.00	
5		12	7	22.48	22.55	22.54	24.00	
5		12	13	22.56	22.62	22.57	24.00	
5	16QAM	25	0	22.51	22.61	22.57	24.00	
5		1	0	22.73	22.74	22.73	24.00	
5		1	12	22.59	22.53	22.63	24.00	
5		1	24	22.62	22.56	22.60	24.00	
5		12	0	22.63	22.60	22.58	24.00	
5		12	7	22.45	22.54	22.46	24.00	
5	64QAM	12	13	22.60	22.59	22.54	24.00	
5		25	0	22.54	22.56	22.57	24.00	
5		1	0	22.64	22.60	22.54	24.00	
5		1	12	22.47	22.50	22.46	24.00	
5		1	24	22.48	22.47	22.52	24.00	
5		12	0	22.60	22.56	22.60	24.00	
5	256QAM	12	7	22.50	22.53	22.49	24.00	
5		12	13	22.52	22.55	22.51	24.00	
5		25	0	22.56	22.61	22.57	24.00	
5		1	0	20.43	20.38	20.33	22.00	
5		1	12	20.43	20.46	20.41	22.00	
5		1	24	20.35	20.35	20.36	22.00	
5	256QAM	12	0	20.62	20.60	20.61	22.00	
5		12	7	20.52	20.54	20.55	22.00	
5		12	13	20.63	20.55	20.57	22.00	
5		25	0	20.54	20.65	20.56	22.00	

<LTE Band 48 Ant 5 Full Power>

Table 1: Channel Power and Tune-up Limit								
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	Tune-up Limit (dBm)	
Frequency (MHz)				3560	3609	3641		
20	QPSK	1	0	22.95	23.17	22.97	22.41	
20		1	49	23.06	23.16	23.08	23.10	
20		1	99	23.05	23.12	22.97	23.01	
20		50	0	21.99	22.18	22.05	22.04	
20		50	24	22.00	22.09	22.04	22.05	
20		50	50	22.15	22.13	22.16	22.14	
20	16QAM	100	0	21.97	22.09	21.97	21.95	
20		1	0	21.98	22.08	22.02	21.98	
20		1	49	21.98	22.05	22.00	21.91	
20		1	99	21.91	22.01	21.87	21.86	
20		50	0	22.75	22.79	22.73	22.69	
20		50	24	20.99	21.12	21.01	21.03	
20	64QAM	50	50	21.06	21.09	20.95	20.98	
20		100	0	21.06	21.14	21.10	21.01	
20		1	0	20.69	20.75	20.62	20.61	
20		1	49	20.64	20.76	20.68	20.62	
20		1	99	20.61	20.72	20.64	20.66	
20		50	0	20.11	20.20	20.06	20.13	
20	256QAM	50	24	20.15	20.19	20.12	20.05	
20		50	50	20.12	20.16	20.07	20.10	
20		100	0	20.08	20.16	20.03	20.05	
20		1	0	17.87	17.92	17.82	17.85	
20		1	49	17.83	17.96	17.82	17.90	
20		1	99	17.83	17.89	17.75	17.80	
20		50	0	18.04	18.16	18.02	18.08	
20		50	24	18.06	18.15	18.12	18.10	
20		50	50	17.90	17.98	17.83	17.92	
20		100	0	18.09	18.13	18.08	17.99	
Channel				55315	55820	56160	Tune-up Limit (dBm)	
Frequency (MHz)				3557.5	3608	3642.5		
15	QPSK	1	0	22.85	23.04	22.93	22.35	
15		1	37	23.00	23.05	23.00	23.03	
15		1	74	22.97	23.00	22.91	22.94	
15		36	0	21.92	22.06	21.94	21.95	
15		36	20	21.97	21.97	21.99	21.99	
15		36	39	22.08	22.04	22.06	22.06	
15	16QAM	75	0	21.90	21.94	21.94	21.92	
15		1	0	21.85	22.00	21.88	21.83	
15		1	37	21.87	21.93	21.91	21.77	
15		1	74	21.81	21.94	21.73	21.80	
15		36	0	22.71	22.86	22.61	22.66	
15		36	20	20.92	21.03	20.85	20.97	
15	64QAM	36	39	20.95	21.05	20.82	20.92	
15		75	0	21.00	21.01	21.02	20.97	
15		1	0	20.66	20.65	20.55	20.55	
15		1	37	20.59	20.63	20.63	20.55	
15		1	74	20.49	20.58	20.58	20.56	
15		36	0	20.08	20.15	20.03	20.03	
15	256QAM	36	20	20.04	20.07	20.06	19.99	
15		36	39	20.06	20.11	20.03	20.03	
15		75	0	20.03	20.02	19.95	19.92	
15		1	0	17.73	17.84	17.67	17.75	
15		1	37	17.71	17.89	17.77	17.80	
15		1	74	17.78	17.82	17.63	17.70	
15		36	0	17.89	18.10	17.94	17.94	
15		36	20	17.96	18.09	18.01	17.96	
15		36	39	17.80	17.88	17.79	17.84	
15		75	0	18.00	17.99	17.94	17.92	
Channel				55290	55815	56165	Tune-up Limit (dBm)	
Frequency (MHz)				3555	3607.5	3642.5		
10	QPSK	1	0	22.82	23.03	22.83	22.30	
10		1	25	22.96	23.12	23.02	22.97	
10		1	49	22.99	23.08	22.91	22.97	
10		25	0	21.87	22.12	21.94	21.91	
10		25	12	21.90	22.04	21.93	21.90	
10		25	25	22.10	22.01	22.12	22.02	
10	16QAM	50	0	21.87	22.04	21.88	21.87	
10		1	0	21.85	21.98	21.88	21.86	
10		1	25	21.95	21.96	21.92	21.85	
10		1	49	21.79	21.89	21.79	21.82	
10		25	0	22.71	22.68	22.69	22.63	
10		25	12	20.84	21.01	20.91	20.90	
10	64QAM	25	25	20.97	21.00	20.85	20.84	
10		50	0	20.94	21.05	20.95	20.98	
10		1	0	20.61	20.72	20.55	20.50	
10		1	25	20.49	20.63	20.59	20.49	
10		1	49	20.48	20.68	20.56	20.63	
10		25	0	19.97	20.10	19.99	20.04	
10	256QAM	25	12	20.11	20.15	20.07	19.97	
10		25	25	20.05	20.12	20.03	20.02	
10		50	0	19.98	20.13	19.94	19.98	
10		1	0	17.73	17.81	17.78	17.79	
10		1	25	17.74	17.91	17.70	17.83	
10		1	49	17.75	17.78	17.68	17.67	
10		25	0	18.00	18.12	17.98	17.96	
10		25	12	17.94	18.06	17.97	17.96	
10		25	25	17.85	17.95	17.74	17.81	
10		50	0	17.97	17.99	17.99	17.91	
Channel				55265	55810	56170	Tune-up Limit (dBm)	
Frequency (MHz)				3552.5	3607	3643		
5	QPSK	1	0	22.91	23.02	22.84	22.37	
5		1	12	23.00	23.05	22.95	22.96	
5		1	24	23.01	23.08	22.89	22.91	
5		12	0	21.90	22.05	21.97	21.90	
5		12	7	21.93	22.04	21.95	21.98	
5		12	13	22.05	22.03	22.10	22.07	
5	16QAM	25	0	21.87	21.98	21.92	21.88	
5		1	0	21.87	21.93	21.94	21.88	
5		1	12	21.88	21.95	21.89	21.88	
5		1	24	21.82	21.93	21.77	21.75	
5		12	0	22.60	22.66	22.65	22.66	
5		12	7	20.94	21.06	20.97	20.91	
5	64QAM	12	13	20.93	20.99	20.85	20.86	
5		25	0	21.03	21.03	20.98	20.95	
5		1	0	20.62	20.61	20.52	20.52	
5		1	12	20.60	20.69	20.59	20.55	
5		1	24	20.57	20.63	20.49	20.55	
5		12	0	20.02	20.16	19.96	19.98	
5	256QAM	12	7	20.08	20.04	20.00	19.95	
5		12	13	20.08	20.06	20.00	19.99	
5		25	0	20.04	20.03	19.92	20.00	
5		1	0	17.83	17.80	17.68	17.79	
5		1	12	17.77	17.84	17.74	17.75	
5		1	24	17.70	17.78	17.71	17.73	
5		12	0	17.94	18.05	17.88	18.02	
5		12	7	18.02	18.05	18.06	18.05	
5		12	13	17.85	17.92	17.69	17.78	
5		25	0	17.96	18.04	18.02	17.86	

<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)					762			
10	QPSK	1	0		22.79		24.00	
10		1	25		22.61		24.00	
10		1	49		22.60		24.00	
10		25	0		22.69		24.00	
10		25	12		22.62		24.00	
10		25	25		22.65		24.00	
10	16QAM	50	0		22.66		24.00	
10		1	0		22.78		24.00	
10		1	25		22.66		24.00	
10		1	49		22.67		24.00	
10		25	0		22.67		24.00	
10		25	12		22.58		24.00	
10	64QAM	25	25		22.64		24.00	
10		50	0		22.67		24.00	
10		1	0		22.67		24.00	
10		1	25		22.59		24.00	
10		1	49		22.58		24.00	
10		25	0		22.70		24.00	
10	256QAM	25	12		22.60		24.00	
10		25	25		22.64		24.00	
10		50	0		22.68		24.00	
10		1	0		20.47		22.00	
10		1	25		20.52		22.00	
10		1	49		20.45		22.00	
10		25	0		20.70		22.00	
10		25	12		20.66		22.00	
10		25	25		20.67		22.00	
10		50	0		20.68		22.00	
Channel				23205	23230	23255	Tune-up Limit (dBm)	
Frequency (MHz)				770.5	762	764.5		
5	QPSK	1	0	22.64	22.66	22.67	24.00	
5		1	12	22.55	22.55	22.49	24.00	
5		1	24	22.54	22.48	22.48	24.00	
5		12	0	22.65	22.65	22.66	24.00	
5		12	7	22.48	22.55	22.54	24.00	
5		12	13	22.56	22.62	22.57	24.00	
5	16QAM	25	0	22.51	22.61	22.57	24.00	
5		1	0	22.73	22.74	22.73	24.00	
5		1	12	22.59	22.53	22.63	24.00	
5		1	24	22.62	22.56	22.60	24.00	
5		12	0	22.63	22.60	22.58	24.00	
5		12	7	22.45	22.54	22.46	24.00	
5	64QAM	12	13	22.60	22.59	22.54	24.00	
5		25	0	22.54	22.56	22.57	24.00	
5		1	0	22.64	22.60	22.54	24.00	
5		1	12	22.47	22.50	22.46	24.00	
5		1	24	22.48	22.47	22.52	24.00	
5		12	0	22.60	22.56	22.60	24.00	
5	256QAM	12	7	22.50	22.53	22.49	24.00	
5		12	13	22.52	22.55	22.51	24.00	
5		25	0	22.56	22.61	22.57	24.00	
5		1	0	20.43	20.38	20.33	22.00	
5		1	12	20.43	20.46	20.41	22.00	
5		1	24	20.35	20.35	20.36	22.00	
5	256QAM	12	0	20.62	20.60	20.61	22.00	
5		12	7	20.52	20.54	20.55	22.00	
5		12	13	20.63	20.55	20.57	22.00	
5		25	0	20.54	20.65	20.56	22.00	

LTE Band 48_Ant 5_Full Power>				18_5				
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	17.59	17.67	17.60	17.53	
20		1	49	17.53	17.59	17.47	17.51	
20		1	99	17.48	17.58	17.47	17.51	
20		50	0	17.52	17.61	17.54	17.57	
20		50	24	17.40	17.53	17.46	17.41	
20		50	50	17.41	17.55	17.48	17.48	
20		100	0	17.54	17.56	17.52	17.51	
20		1	0	17.39	17.50	17.35	17.44	
20		1	49	17.27	17.39	17.26	17.30	
20		1	99	17.25	17.33	17.23	17.25	
20	16QAM	50	0	17.25	17.37	17.26	17.28	
20		50	24	17.29	17.38	17.29	17.28	
20		50	50	17.28	17.42	17.31	17.30	
20		100	0	17.48	17.51	17.43	17.36	
20		1	0	17.22	17.35	17.29	17.29	
20		1	49	17.15	17.26	17.16	17.16	
20		1	99	17.26	17.33	17.21	17.25	
20		50	0	17.23	17.32	17.21	17.20	
20		50	24	17.29	17.42	17.27	17.30	
20		50	50	17.34	17.47	17.36	17.42	
20	64QAM	100	0	17.18	17.31	17.16	17.21	
20		1	0	17.41	17.51	17.46	17.45	
20		1	49	17.35	17.45	17.36	17.39	
20		1	99	17.35	17.42	17.28	17.34	
20		50	0	17.35	17.43	17.32	17.32	
20		50	24	17.20	17.35	17.21	17.28	
20		50	50	17.23	17.35	17.21	17.25	
20		100	0	17.23	17.33	17.23	17.21	
Channel				55315	55820	56160	56665	
Frequency (MHz)				3557.5	3603	3642	3692.5	
15	QPSK	1	0	17.54	17.54	17.48	17.48	
15		1	37	17.42	17.48	17.42	17.44	
15		1	74	17.43	17.44	17.34	17.44	
15		36	0	17.38	17.47	17.41	17.39	
15		36	20	17.27	17.46	17.36	17.30	
15		36	39	17.34	17.45	17.41	17.35	
15		75	0	17.39	17.50	17.34	17.39	
15		1	0	17.26	17.40	17.25	17.38	
15		1	37	17.16	17.32	17.20	17.23	
15		1	74	17.33	17.35	17.29	17.16	
15	16QAM	36	0	17.17	17.28	17.19	17.18	
15		36	20	17.14	17.23	17.17	17.17	
15		36	39	17.13	17.33	17.23	17.19	
15		75	0	17.40	17.37	17.32	17.27	
15		1	0	17.13	17.22	17.19	17.14	
15		1	37	17.10	17.18	17.03	17.05	
15		1	74	17.17	17.25	17.07	17.12	
15		36	0	17.13	17.20	17.10	17.11	
15		36	20	17.21	17.32	17.17	17.21	
15		36	39	17.20	17.40	17.25	17.34	
15	64QAM	75	0	17.08	17.19	17.03	17.13	
15		1	0	17.31	17.36	17.36	17.35	
15		1	37	17.22	17.30	17.24	17.25	
15		1	74	17.23	17.33	17.18	17.28	
15		36	0	17.21	17.28	17.26	17.17	
15		36	20	17.12	17.30	17.13	17.18	
15		36	39	17.14	17.27	17.11	17.18	
15		75	0	17.16	17.25	17.16	17.08	
Channel				55260	55815	56165	56660	
Frequency (MHz)				3555	3597.5	3642.5	3695	
10	QPSK	1	0	17.49	17.54	17.46	17.38	
10		1	25	17.44	17.47	17.42	17.38	
10		1	49	17.40	17.48	17.42	17.38	
10		25	0	17.41	17.46	17.36	17.42	
10		25	12	17.25	17.42	17.39	17.32	
10		25	25	17.28	17.48	17.37	17.42	
10		50	0	17.32	17.44	17.40	17.37	
10		1	0	17.34	17.38	17.22	17.29	
10		1	25	17.19	17.29	17.20	17.21	
10		1	49	17.25	17.38	17.31	17.20	
10	16QAM	25	0	17.15	17.27	17.20	17.18	
10		25	12	17.19	17.25	17.21	17.22	
10		25	25	17.16	17.28	17.23	17.18	
10		50	0	17.39	17.39	17.33	17.25	
10		1	0	17.08	17.25	17.17	17.21	
10		1	25	17.08	17.19	17.02	17.03	
10		1	49	17.15	17.21	17.11	17.19	
10		25	0	17.09	17.19	17.15	17.06	
10		25	12	17.21	17.28	17.13	17.21	
10		25	25	17.20	17.41	17.29	17.36	
10	64QAM	50	0	17.07	17.22	17.06	17.08	
10		1	0	17.26	17.41	17.32	17.33	
10		1	25	17.21	17.31	17.25	17.25	
10		1	49	17.21	17.34	17.21	17.21	
10		25	0	17.21	17.34	17.22	17.27	
10		25	12	17.12	17.29	17.16	17.20	
10		25	25	17.11	17.30	17.15	17.10	
10		50	0	17.10	17.19	17.16	17.07	
Channel				55265	55810	56170	56675	
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	17.53	17.56	17.52	17.47	
5		1	12	17.44	17.52	17.37	17.38	
5		1	24	17.39	17.45	17.35	17.38	
5		12	0	17.36	17.49	17.36	17.35	
5		12	7	17.30	17.46	17.34	17.35	
5		12	13	17.27	17.42	17.42	17.41	
5		25	0	17.36	17.48	17.31	17.43	
5		1	0	17.29	17.35	17.20	17.30	
5		1	12	17.21	17.26	17.14	17.21	
5		1	24	17.32	17.34	17.28	17.25	
5	16QAM	12	0	17.20	17.29	17.20	17.16	
5		12	7	17.16	17.32	17.15	17.14	
5		12	13	17.19	17.29	17.22	17.17	
5		25	0	17.39	17.42	17.34	17.27	
5		1	0	17.14	17.27	17.17	17.18	
5		1	12	17.04	17.21	17.08	17.03	
5		1	24	17.14	17.25	17.08	17.16	
5		12	0	17.17	17.19	17.13	17.08	
5		12	7	17.20	17.31	17.21	17.21	
5		12	13	17.25	17.37	17.25	17.33	
5	256QAM	25	0	17.13	17.26	17.04	17.08	
5		1	0	17.32	17.46	17.40	17.39	
5		1	12	17.28	17.34	17.22	17.27	
5		1	24	17.20	17.30	17.17	17.21	
5		12	0	17.27	17.34	17.27	17.21	
5		12	7	17.14	17.21	17.14	17.16	
5		12	13	17.11	17.26	17.07	17.16	
5		25	0	17.13	17.28	17.18	17.09	

<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)					762			
10	QPSK	1	0		22.79		24.00	
10		1	25		22.61		24.00	
10		1	49		22.60		24.00	
10		25	0		22.69		24.00	
10		25	12		22.62		24.00	
10		25	25		22.65		24.00	
10	16QAM	50	0		22.66		24.00	
10		1	0		22.78		24.00	
10		1	25		22.66		24.00	
10		1	49		22.67		24.00	
10		25	0		22.67		24.00	
10		25	12		22.58		24.00	
10	64QAM	25	25		22.64		24.00	
10		50	0		22.67		24.00	
10		1	0		22.67		24.00	
10		1	25		22.59		24.00	
10		1	49		22.58		24.00	
10		25	0		22.70		24.00	
10	256QAM	25	12		22.60		24.00	
10		25	25		22.64		24.00	
10		50	0		22.68		24.00	
10		1	0		20.47		22.00	
10		1	25		20.52		22.00	
10		1	49		20.45		22.00	
10	16QAM	25	0		20.70		22.00	
10		25	12		20.66		22.00	
10		25	25		20.67		22.00	
10		50	0		20.68		22.00	
Channel				23205	23230	23255	Tune-up Limit (dBm)	
Frequency (MHz)				770.5	762	764.5		
5	QPSK	1	0	22.64	22.66	22.67	24.00	
5		1	12	22.55	22.55	22.49	24.00	
5		1	24	22.54	22.48	22.48	24.00	
5		12	0	22.65	22.65	22.66	24.00	
5		12	7	22.48	22.55	22.54	24.00	
5		12	13	22.56	22.62	22.57	24.00	
5	16QAM	25	0	22.51	22.61	22.57	24.00	
5		1	0	22.73	22.74	22.73	24.00	
5		1	12	22.59	22.53	22.63	24.00	
5		1	24	22.62	22.56	22.60	24.00	
5		12	0	22.63	22.60	22.58	24.00	
5		12	7	22.45	22.54	22.46	24.00	
5	64QAM	12	13	22.60	22.59	22.54	24.00	
5		25	0	22.54	22.56	22.57	24.00	
5		1	0	22.64	22.60	22.54	24.00	
5		1	12	22.47	22.50	22.46	24.00	
5		1	24	22.48	22.47	22.52	24.00	
5		12	0	22.60	22.56	22.60	24.00	
5	256QAM	12	7	22.50	22.53	22.49	24.00	
5		12	13	22.52	22.55	22.51	24.00	
5		25	0	22.56	22.61	22.57	24.00	
5		1	0	20.43	20.38	20.33	22.00	
5		1	12	20.43	20.46	20.41	22.00	
5		1	24	20.35	20.35	20.36	22.00	
5	256QAM	12	0	20.62	20.60	20.61	22.00	
5		12	7	20.52	20.54	20.55	22.00	
5		12	13	20.63	20.55	20.57	22.00	
5		25	0	20.54	20.65	20.56	22.00	

<LTE Band 48 Ant 5 Full Power>

Channel	Frequency (MHz)	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)	
				55340	55830	56150	56640	
				3560	3609	3641	3692.5	
20	QPSK	1	0	18.02	18.17	17.96	18.02	19.60
20		1	49	17.99	18.06	17.99	17.95	19.60
20		1	99	17.93	18.05	17.95	17.91	19.60
20		50	0	17.90	18.07	17.92	17.93	19.60
20		50	24	17.95	18.05	17.97	17.93	19.60
20		50	50	17.90	18.02	17.96	17.92	19.60
20		100	0	17.89	17.95	17.87	17.81	19.60
20		1	0	17.85	17.95	17.84	17.82	19.60
20		1	49	17.78	17.92	17.77	17.83	19.60
20		1	99	17.74	17.85	17.71	17.79	19.60
20	16QAM	50	0	17.84	17.91	17.80	17.80	19.60
20		50	24	17.77	17.89	17.78	17.84	19.60
20		50	50	17.81	17.88	17.76	17.78	19.60
20		100	0	17.88	17.96	17.88	17.86	19.60
20		1	0	17.66	17.81	17.70	17.73	19.60
20		1	49	17.75	17.89	17.75	17.80	19.60
20		1	99	17.74	17.79	17.68	17.67	19.60
20		50	0	17.89	18.01	17.88	17.90	19.60
20		50	24	17.90	17.99	17.91	17.91	19.60
20		50	50	17.95	18.02	17.95	17.91	19.60
20	64QAM	100	0	17.79	17.89	17.79	17.83	19.60
20		1	0	17.87	17.92	17.82	17.85	19.00
20		1	49	17.83	17.96	17.82	17.90	19.00
20		1	99	17.83	17.89	17.75	17.80	19.00
20		50	0	18.04	18.16	18.02	18.08	19.00
20		50	24	18.06	18.15	18.12	18.10	19.00
20		50	50	17.90	17.98	17.83	17.92	19.00
20		100	0	18.09	18.13	18.08	17.99	19.00
Channel				55315	55820	56180	56665	
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	17.88	17.98	17.86	17.95	19.60
15		1	37	17.86	17.91	17.88	17.80	19.60
15		1	74	17.82	17.99	17.83	17.85	19.60
15		36	0	17.79	17.90	17.78	17.80	19.60
15		36	20	17.80	17.84	17.82	17.86	19.60
15		36	39	17.85	17.87	17.84	17.86	19.60
15		75	0	17.79	17.86	17.73	17.66	19.60
15		1	0	17.75	17.84	17.74	17.70	19.60
15		1	37	17.69	17.79	17.62	17.70	19.60
15		1	74	17.67	17.79	17.60	17.65	19.60
15	16QAM	36	0	17.72	17.84	17.72	17.74	19.60
15		36	20	17.69	17.74	17.65	17.70	19.60
15		36	39	17.75	17.82	17.67	17.67	19.60
15		75	0	17.83	17.85	17.76	17.78	19.60
15		1	0	17.54	17.72	17.63	17.65	19.60
15		1	37	17.70	17.79	17.70	17.67	19.60
15		1	74	17.62	17.66	17.55	17.54	19.60
15		36	0	17.83	17.87	17.75	17.77	19.60
15		36	20	17.83	17.90	17.82	17.78	19.60
15		36	39	17.89	17.94	17.85	17.79	19.60
15	64QAM	75	0	17.66	17.84	17.73	17.76	19.60
15		1	0	17.73	17.84	17.67	17.75	19.00
15		1	37	17.71	17.89	17.77	17.80	19.00
15		1	74	17.78	17.82	17.63	17.70	19.00
15		36	0	17.89	18.10	17.94	17.94	19.00
15		36	20	17.96	18.09	18.01	17.96	19.00
15		36	39	17.80	17.88	17.79	17.84	19.00
15		75	0	18.00	17.99	17.94	17.92	19.00
Channel				55290	55815	56185	56690	
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	17.88	17.98	17.83	17.95	19.60
10		1	25	17.94	17.97	17.88	17.81	19.60
10		1	49	17.82	17.96	17.89	17.77	19.60
10		25	0	17.77	17.86	17.83	17.82	19.60
10		25	12	17.86	17.93	17.90	17.80	19.60
10		25	25	17.82	17.90	17.86	17.84	19.60
10		50	0	17.82	17.81	17.75	17.69	19.60
10		1	0	17.71	17.82	17.71	17.76	19.60
10		1	25	17.67	17.82	17.67	17.69	19.60
10		1	49	17.64	17.78	17.64	17.74	19.60
10	16QAM	25	0	17.74	17.78	17.71	17.68	19.60
10		25	12	17.64	17.75	17.68	17.79	19.60
10		25	25	17.72	17.76	17.70	17.66	19.60
10		50	0	17.75	17.90	17.74	17.79	19.60
10		1	0	17.59	17.70	17.58	17.61	19.60
10		1	25	17.66	17.82	17.68	17.67	19.60
10		1	49	17.69	17.71	17.57	17.54	19.60
10		25	0	17.79	17.92	17.74	17.78	19.60
10		25	12	17.80	17.87	17.78	17.82	19.60
10		25	25	17.87	17.93	17.88	17.85	19.60
10	64QAM	50	0	17.64	17.84	17.68	17.77	19.60
10		1	0	17.73	17.81	17.78	17.79	19.00
10		1	25	17.74	17.91	17.70	17.83	19.00
10		1	49	17.75	17.78	17.68	17.67	19.00
10		25	0	18.00	18.12	17.98	17.96	19.00
10		25	12	17.94	18.06	17.97	17.96	19.00
10		25	25	17.85	17.95	17.74	17.81	19.00
10		50	0	17.97	17.99	17.99	17.91	19.00
Channel				55265	55810	56170	56715	
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	17.88	17.95	17.83	17.90	19.60
5		1	12	17.88	17.96	17.84	17.90	19.60
5		1	24	17.80	17.91	17.88	17.86	19.60
5		12	0	17.77	17.88	17.82	17.81	19.60
5		12	7	17.86	17.93	17.92	17.80	19.60
5		12	13	17.77	17.97	17.89	17.84	19.60
5		25	0	17.75	17.89	17.82	17.69	19.60
5		1	0	17.77	17.85	17.76	17.71	19.60
5		1	12	17.73	17.86	17.69	17.76	19.60
5		1	24	17.64	17.74	17.61	17.67	19.60
5	16QAM	12	0	17.77	17.76	17.75	17.68	19.60
5		12	7	17.66	17.82	17.70	17.66	19.60
5		12	13	17.67	17.74	17.71	17.64	19.60
5		25	0	17.80	17.81	17.78	17.72	19.60
5		1	0	17.56	17.68	17.68	17.60	19.60
5		1	12	17.66	17.78	17.68	17.66	19.60
5		1	24	17.67	17.68	17.61	17.55	19.60
5		12	0	17.81	17.93	17.77	17.81	19.60
5		12	7	17.81	17.92	17.82	17.83	19.60
5		12	13	17.88	17.89	17.82	17.78	19.60
5	64QAM	25	0	17.66	17.83	17.65	17.72	19.60
5		1	0	17.83	17.80	17.68	17.79	19.00
5		1	12	17.77	17.84	17.74	17.75	19.00
5		1	24	17.70	17.78	17.71	17.73	19.00
5		12	0	17.94	18.05	17.88	18.02	19.00
5		12	7	18.02	18.05	18.06	18.05	19.00
5		12	13	17.85	17.92	17.69	17.78	19.00
5		25	0	17.96	18.04	18.02	17.86	19.00
Channel				55240	55810	56170	56715	
Frequency (MHz)				3550	3607	3643	3697.5	
5	256QAM	1	0	17.88	17.95	17.83	17.90	19.60
5		1	12	17.88	17.96	17.84	17.90	19.60
5		1	24	17.80	17.91	17.88	17.86	19.60
5		12	0	17.77	17.88	17.82	17.81	19.60
5		12	7	17.86	17.93	17.92	17.80	19.60
5		12	13	17.77	17.97	17.89	17.84	19.60
5		25	0	17.75	17.89	17.82	17.69	19.60
5		1	0	17.77	17.85	17.76	17.71	19.60
5		1	12	17.73	17.86	17.69	17.76	19.60
5		1	24	17.64	17.74	17.61	17.67	19.60

<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				23205	23230		
Frequency (MHz)				782			
10	QPSK	1	0		22.79		24.00
10		1	25		22.61		24.00
10		1	49		22.60		24.00
10		25	0		22.69		24.00
10		25	12		22.62		24.00
10		25	25		22.65		24.00
10	16QAM	50	0		22.66		24.00
10		1	0		22.78		24.00
10		1	25		22.66		24.00
10		1	49		22.67		24.00
10		25	0		22.67		24.00
10		25	12		22.58		24.00
10	64QAM	25	25		22.64		24.00
10		50	0		22.67		24.00
10		1	0		22.67		24.00
10		1	25		22.59		24.00
10		1	49		22.58		24.00
10		25	0		22.70		24.00
10	256QAM	25	12		22.60		24.00
10		25	25		22.64		24.00
10		50	0		22.68		24.00
10		1	0		20.47		22.00
10		1	25		20.52		22.00
10		1	49		20.45		22.00
10		25	0		20.70		22.00
10		25	12		20.66		22.00
10		25	25		20.67		22.00
10		50	0		20.68		22.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.64	22.66	22.67	24.00
5		1	12	22.55	22.55	22.49	24.00
5		1	24	22.54	22.48	22.48	24.00
5		12	0	22.65	22.65	22.66	24.00
5		12	7	22.48	22.55	22.54	24.00
5		12	13	22.56	22.62	22.57	24.00
5	16QAM	25	0	22.51	22.61	22.57	24.00
5		1	0	22.73	22.74	22.73	24.00
5		1	12	22.59	22.53	22.63	24.00
5		1	24	22.62	22.56	22.60	24.00
5		12	0	22.63	22.60	22.58	24.00
5		12	7	22.45	22.54	22.46	24.00
5	64QAM	12	13	22.60	22.59	22.54	24.00
5		25	0	22.54	22.56	22.57	24.00
5		1	0	22.64	22.60	22.54	24.00
5		1	12	22.47	22.50	22.46	24.00
5		1	24	22.48	22.47	22.52	24.00
5		12	0	22.60	22.56	22.60	24.00
5	256QAM	12	7	22.50	22.53	22.49	24.00
5		12	13	22.52	22.55	22.51	24.00
5		25	0	22.56	22.61	22.57	24.00
5		1	0	20.43	20.38	20.33	22.00
5		1	12	20.43	20.46	20.41	22.00
5		1	24	20.35	20.35	20.36	22.00
5		12	0	20.62	20.60	20.61	22.00
5		12	7	20.52	20.54	20.55	22.00
5		12	13	20.63	20.55	20.57	22.00
5		25	0	20.54	20.65	20.56	22.00

<LTE Band 48 Ant 5 Full Power>

Table 1: Channel Power Levels and Tune-up Limits								
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	Tune-up Limit (dBm)	
Frequency (MHz)				3560	3609	3641		
20	QPSK	1	0	16.15	16.25	16.13	18.00	
20		1	49	16.10	16.21	16.11	18.00	
20		1	99	16.13	16.23	16.11	18.00	
20		50	0	16.11	16.22	16.07	18.00	
20		50	24	16.05	16.17	16.07	18.00	
20		50	50	16.03	16.14	16.05	18.00	
20		100	0	16.03	16.17	16.08	18.00	
20		1	0	15.96	16.07	15.99	18.00	
20		1	49	15.88	16.00	15.86	18.00	
20		1	99	16.03	16.08	15.96	18.00	
20	16QAM	50	0	15.93	16.04	15.90	18.00	
20		50	24	15.89	15.97	15.89	18.00	
20		50	50	15.92	16.07	15.99	18.00	
20		100	0	15.97	16.10	16.04	18.00	
20		1	0	15.90	16.00	15.87	18.00	
20		1	49	15.82	15.89	15.83	18.00	
20		1	99	15.89	15.96	15.89	18.00	
20		50	0	15.91	15.96	15.85	18.00	
20		50	24	15.91	16.01	15.95	18.00	
20		50	50	16.00	16.05	15.97	18.00	
20	64QAM	100	0	15.80	15.89	15.75	18.00	
20		1	0	16.04	16.12	15.99	18.00	
20		1	49	16.05	16.11	16.03	18.00	
20		1	99	16.01	16.06	15.96	18.00	
20		50	0	15.87	16.01	15.88	18.00	
20		50	24	15.93	16.03	15.95	18.00	
20		50	50	16.07	16.14	16.05	18.00	
20		100	0	15.84	15.96	15.90	18.00	
Channel				55315	55820	56160	Tune-up Limit (dBm)	
Frequency (MHz)				3557.5	3608	3692.5		
15	QPSK	1	0	16.14	16.19	16.00	18.00	
15		1	37	15.98	16.08	16.03	18.00	
15		1	74	15.99	16.13	15.97	18.00	
15		36	0	15.97	16.10	15.99	18.00	
15		36	20	15.96	16.11	15.93	18.00	
15		36	39	15.82	16.06	16.00	18.00	
15		75	0	15.89	16.12	15.95	18.00	
15		1	0	15.86	15.93	15.83	18.00	
15		1	37	15.75	15.88	15.80	18.00	
15		1	74	15.92	15.98	15.81	18.00	
15	16QAM	36	0	15.80	15.95	15.80	18.00	
15		36	20	15.76	15.86	15.84	18.00	
15		36	39	15.79	16.02	15.87	18.00	
15		75	0	15.90	15.99	15.96	18.00	
15		1	0	15.78	15.91	15.79	18.00	
15		1	37	15.71	15.80	15.73	18.00	
15		1	74	15.78	15.91	15.75	18.00	
15		36	0	15.83	15.84	15.77	18.00	
15		36	20	15.79	15.93	15.86	18.00	
15		36	39	15.90	15.99	15.83	18.00	
15	64QAM	75	0	15.66	15.79	15.61	18.00	
15		1	0	15.96	16.04	15.93	18.00	
15		1	37	15.93	15.99	15.98	18.00	
15		1	74	15.96	15.97	15.84	18.00	
15		36	0	15.76	15.91	15.78	18.00	
15		36	20	15.83	15.93	15.76	18.00	
15		36	39	15.88	16.01	15.96	18.00	
15		75	0	15.87	16.00	15.91	18.00	
Channel				55290	55815	56165	Tune-up Limit (dBm)	
Frequency (MHz)				3555	3607.5	3692.5		
10	QPSK	1	0	16.15	16.17	16.05	18.00	
10		1	25	16.04	16.13	16.04	18.00	
10		1	49	16.06	16.16	15.98	18.00	
10		25	0	15.96	16.12	15.92	18.00	
10		25	12	15.91	16.05	15.93	18.00	
10		25	25	15.91	16.06	15.97	18.00	
10		50	0	15.89	16.03	15.98	18.00	
10		1	0	15.85	15.99	15.92	18.00	
10		1	25	15.82	15.94	15.75	18.00	
10		1	49	15.96	15.95	15.84	18.00	
10	16QAM	25	0	15.84	15.92	15.84	18.00	
10		25	12	15.77	15.91	15.83	18.00	
10		25	25	15.80	15.96	15.91	18.00	
10		50	0	15.91	16.01	15.93	18.00	
10		1	0	15.76	15.94	15.80	18.00	
10		1	25	15.73	15.80	15.67	18.00	
10		1	49	15.74	15.81	15.75	18.00	
10		25	0	15.76	15.90	15.71	18.00	
10		25	12	15.78	15.94	15.87	18.00	
10		25	25	15.92	15.99	15.83	18.00	
10	64QAM	50	0	15.74	15.74	15.63	18.00	
10		1	0	15.94	16.04	15.94	18.00	
10		1	25	15.97	15.97	15.94	18.00	
10		1	49	15.88	15.91	15.87	18.00	
10		25	0	15.81	15.95	15.82	18.00	
10		25	12	15.82	15.92	15.80	18.00	
10		25	25	16.00	16.06	15.98	18.00	
10		50	0	15.88	15.88	15.77	18.00	
Channel				55265	55810	56170	Tune-up Limit (dBm)	
Frequency (MHz)				3552.5	3607	3697.5		
5	QPSK	1	0	16.03	16.16	16.02	18.00	
5		1	12	15.99	16.11	16.06	18.00	
5		1	24	16.01	16.11	15.98	18.00	
5		12	0	16.02	16.07	15.98	18.00	
5		12	7	15.88	16.11	15.92	18.00	
5		12	13	15.88	16.02	15.93	18.00	
5		25	0	15.93	16.06	15.95	18.00	
5		1	0	15.82	15.94	15.91	18.00	
5		1	12	15.77	15.94	15.72	18.00	
5		1	24	15.94	15.95	15.81	18.00	
5	16QAM	12	0	15.79	15.92	15.78	18.00	
5		12	7	15.77	15.84	15.78	18.00	
5		12	13	15.78	15.98	15.93	18.00	
5		25	0	15.84	15.97	15.90	18.00	
5		1	0	15.78	15.88	15.80	18.00	
5		1	12	15.68	15.75	15.71	18.00	
5		1	24	15.77	15.89	15.82	18.00	
5		12	0	15.83	15.86	15.73	18.00	
5		12	7	15.77	15.89	15.82	18.00	
5		12	13	15.89	15.91	15.83	18.00	
5	64QAM	25	0	15.66	15.75	15.69	18.00	
5		1	0	15.96	16.00	15.90	18.00	
5		1	12	15.95	16.00	15.95	18.00	
5		1	24	15.92	15.95	15.88	18.00	
5		12	0	15.73	15.94	15.75	18.00	
5		12	7	15.87	15.88	15.84	18.00	
5		12	13	16.00	16.09	15.96	18.00	
5		25	0	15.83	15.90	15.91	18.00	

<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				23205	23230		
Frequency (MHz)				782			
10	QPSK	1	0	22.79			24.00
10		1	25	22.61			24.00
10		1	49	22.60			24.00
10		25	0	22.69			24.00
10		25	12	22.62			24.00
10		25	25	22.65			24.00
10	16QAM	50	0	22.66			24.00
10		1	0	22.78			24.00
10		1	25	22.66			24.00
10		1	49	22.67			24.00
10		25	0	22.67			24.00
10		25	12	22.58			24.00
10	64QAM	25	25	22.64			24.00
10		50	0	22.67			24.00
10		1	0	22.67			24.00
10		1	25	22.59			24.00
10		1	49	22.58			24.00
10		25	0	22.70			24.00
10	256QAM	25	12	22.60			24.00
10		25	25	22.64			24.00
10		50	0	22.68			24.00
10		1	0	20.47			22.00
10		1	25	20.52			22.00
10		1	49	20.45			22.00
10	256QAM	25	0	20.70			22.00
10		25	12	20.66			22.00
10		25	25	20.67			22.00
10		50	0	20.68			22.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	22.64	22.66	22.67	24.00
5		1	12	22.55	22.55	22.49	24.00
5		1	24	22.54	22.48	22.48	24.00
5		12	0	22.65	22.65	22.66	24.00
5		12	7	22.48	22.55	22.54	24.00
5		12	13	22.56	22.62	22.57	24.00
5	16QAM	25	0	22.51	22.61	22.57	24.00
5		1	0	22.73	22.74	22.73	24.00
5		1	12	22.59	22.53	22.63	24.00
5		1	24	22.62	22.56	22.60	24.00
5		12	0	22.63	22.60	22.58	24.00
5		12	7	22.45	22.54	22.46	24.00
5	64QAM	12	13	22.60	22.59	22.54	24.00
5		25	0	22.54	22.56	22.57	24.00
5		1	0	22.64	22.60	22.54	24.00
5		1	12	22.47	22.50	22.46	24.00
5		1	24	22.48	22.47	22.52	24.00
5		12	0	22.60	22.56	22.60	24.00
5	256QAM	12	7	22.50	22.53	22.49	24.00
5		12	13	22.52	22.55	22.51	24.00
5		25	0	22.56	22.61	22.57	24.00
5		1	0	20.43	20.38	20.33	22.00
5		1	12	20.43	20.46	20.41	22.00
5		1	24	20.35	20.35	20.36	22.00
5	256QAM	12	0	20.62	20.60	20.61	22.00
5		12	7	20.52	20.54	20.55	22.00
5		12	13	20.63	20.55	20.57	22.00
5		25	0	20.54	20.65	20.56	22.00

<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	Tune-up Limit (dBm)
Frequency (MHz)				3560	3609	3641	
20	QPSK	1	0	22.86	23.17	22.87	22.41
20		1	49	23.06	23.16	23.08	23.10
20		1	99	23.05	23.12	22.97	23.01
20		50	0	21.99	22.18	22.05	22.04
20		50	24	22.00	22.09	22.04	22.05
20		50	50	22.15	22.13	22.16	22.14
20	16QAM	100	0	21.97	22.09	21.97	21.95
20		1	0	21.98	22.08	22.02	21.98
20		1	49	21.98	22.05	22.00	21.91
20		1	99	21.91	22.01	21.87	21.86
20		50	0	22.75	22.79	22.75	22.89
20		50	24	20.99	21.12	21.01	21.03
20	64QAM	50	50	21.06	21.09	20.95	20.98
20		100	0	21.06	21.14	21.10	21.01
20		1	0	20.89	20.75	20.82	20.81
20		1	49	20.64	20.76	20.68	20.62
20		1	99	20.61	20.72	20.64	20.66
20		50	0	20.11	20.20	20.06	20.13
20	256QAM	50	24	20.15	20.19	20.12	20.05
20		50	50	20.12	20.16	20.07	20.10
20		100	0	20.08	20.16	20.03	20.05
20		1	0	17.87	17.92	17.82	17.85
20		1	49	17.83	17.96	17.82	17.90
20		1	99	17.83	17.89	17.75	17.80
20	Channel						
20							
20							
20							
20							
20							
Channel				55315	55820	56160	Tune-up Limit (dBm)
Frequency (MHz)				3592.5	3603	3642	
15	QPSK	1	0	22.85	23.04	22.83	22.35
15		1	37	23.00	23.05	23.00	23.03
15		1	74	22.97	23.00	22.91	22.94
15		36	0	21.82	22.06	21.84	21.95
15		36	20	21.97	21.97	21.99	21.99
15		36	39	22.08	22.04	22.06	22.06
15	16QAM	75	0	21.90	21.94	21.94	21.92
15		1	0	21.85	22.00	21.88	21.83
15		1	37	21.87	21.93	21.91	21.77
15		1	74	21.81	21.94	21.73	21.80
15		36	0	22.71	22.86	22.61	22.86
15		36	20	20.92	21.03	20.85	20.97
15	64QAM	36	39	20.95	21.05	20.82	20.92
15		75	0	21.00	21.01	21.02	20.97
15		1	0	20.66	20.65	20.55	20.55
15		1	37	20.59	20.63	20.63	20.55
15		1	74	20.49	20.58	20.58	20.56
15		36	0	20.08	20.15	20.03	20.03
15	256QAM	36	20	20.04	20.07	20.06	19.99
15		36	39	20.06	20.11	20.03	20.03
15		75	0	20.03	20.02	19.95	19.92
15		1	0	17.73	17.84	17.67	17.75
15		1	37	17.71	17.89	17.77	17.80
15		1	74	17.78	17.82	17.63	17.70
15	Channel						
15							
15							
15							
15							
15							
Channel				55290	55815	56165	Tune-up Limit (dBm)
Frequency (MHz)				3595	3597.5	3642.5	
10	QPSK	1	0	22.82	23.03	22.83	22.30
10		1	25	22.96	23.12	23.02	22.97
10		1	49	22.99	23.08	22.91	22.97
10		25	0	21.87	22.12	21.84	21.91
10		25	12	21.90	22.04	21.93	21.90
10		25	25	22.10	22.01	22.12	22.02
10	16QAM	50	0	21.87	22.04	21.88	21.87
10		1	0	21.85	21.98	21.88	21.86
10		1	25	21.95	21.96	21.92	21.85
10		1	49	21.79	21.89	21.79	21.82
10		25	0	22.71	22.68	22.69	22.63
10		25	12	20.84	21.01	20.91	20.90
10	64QAM	25	25	20.97	21.00	20.85	20.84
10		50	0	20.94	21.05	20.95	20.98
10		1	0	20.61	20.72	20.55	20.50
10		1	25	20.49	20.63	20.59	20.49
10		1	49	20.48	20.68	20.56	20.63
10		25	0	19.97	20.10	19.99	20.04
10	256QAM	25	12	20.11	20.15	20.07	19.97
10		25	25	20.05	20.12	20.03	20.02
10		50	0	19.98	20.13	19.94	19.98
10		1	0	17.73	17.81	17.78	17.79
10		1	25	17.74	17.91	17.70	17.83
10		1	49	17.75	17.78	17.68	17.67
10	Channel						
10							
10							
10							
10							
10							
Channel				55265	55810	56170	Tune-up Limit (dBm)
Frequency (MHz)				3592.5	3607	3643	
5	QPSK	1	0	22.91	23.02	22.84	22.37
5		1	12	23.00	23.05	22.95	22.96
5		1	24	23.01	23.08	22.89	22.91
5		12	0	21.90	22.05	21.97	21.90
5		12	7	21.83	22.04	21.95	21.98
5		12	13	22.05	22.03	22.10	22.07
5	16QAM	25	0	21.87	21.98	21.82	21.88
5		1	0	21.87	21.93	21.94	21.88
5		1	12	21.98	21.95	21.89	21.88
5		1	24	21.82	21.93	21.77	21.75
5		12	0	22.60	22.66	22.65	22.66
5		12	7	20.94	21.06	20.97	20.91
5	64QAM	12	13	20.83	20.99	20.85	20.86
5		25	0	21.03	21.03	20.98	20.95
5		1	0	20.62	20.61	20.52	20.52
5		1	12	20.60	20.69	20.59	20.55
5		1	24	20.57	20.63	20.49	20.55
5		12	0	20.02	20.16	19.96	19.98
5	256QAM	12	7	20.08	20.04	20.00	19.95
5		12	13	20.08	20.06	20.00	19.99
5		25	0	20.04	20.03	19.92	20.00
5		1	0	17.83	17.80	17.68	17.79
5		1	12	17.77	17.84	17.74	17.75
5		1	24	17.70	17.78	17.71	17.73
5	Channel						
5							
5							
5							
5	256QAM	12	0	17.84	18.05	17.88	18.02
5		12	7	18.02	18.05	18.06	18.05
5		12	13	17.85	17.92	17.69	17.78
5		25	0	17.96	18.04	18.02	17.86

<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)					762		
10	QPSK	1	0		22.79		24.00
10		1	25		22.61		24.00
10		1	49		22.60		24.00
10		25	0		22.69		24.00
10		25	12		22.62		24.00
10		25	25		22.65		24.00
10	16QAM	50	0		22.66		24.00
10		1	0		22.78		24.00
10		1	25		22.66		24.00
10		1	49		22.67		24.00
10		25	0		22.67		24.00
10		25	12		22.58		24.00
10	64QAM	25	25		22.64		24.00
10		50	0		22.67		24.00
10		1	0		22.67		24.00
10		1	25		22.59		24.00
10		1	49		22.58		24.00
10		25	0		22.70		24.00
10	256QAM	25	12		22.60		24.00
10		25	25		22.64		24.00
10		50	0		22.68		24.00
10		1	0		20.47		22.00
10		1	25		20.52		22.00
10		1	49		20.45		22.00
10	256QAM	25	0		20.70		22.00
10		25	12		20.66		22.00
10		25	25		20.67		22.00
10		50	0		20.68		22.00
Channel				23205	23230	23255	Tune-up Limit (dBm)
Frequency (MHz)				770.5	762	764.5	
5	QPSK	1	0	22.64	22.66	22.67	24.00
5		1	12	22.55	22.55	22.49	24.00
5		1	24	22.54	22.48	22.48	24.00
5		12	0	22.65	22.65	22.66	24.00
5		12	7	22.48	22.55	22.54	24.00
5		12	13	22.56	22.62	22.57	24.00
5	16QAM	25	0	22.51	22.61	22.57	24.00
5		1	0	22.73	22.74	22.73	24.00
5		1	12	22.59	22.53	22.63	24.00
5		1	24	22.62	22.56	22.60	24.00
5		12	0	22.63	22.60	22.58	24.00
5		12	7	22.45	22.54	22.46	24.00
5	64QAM	12	13	22.60	22.59	22.54	24.00
5		25	0	22.54	22.56	22.57	24.00
5		1	0	22.64	22.60	22.54	24.00
5		1	12	22.47	22.50	22.46	24.00
5		1	24	22.48	22.47	22.52	24.00
5		12	0	22.60	22.56	22.60	24.00
5	256QAM	12	7	22.50	22.53	22.49	24.00
5		12	13	22.52	22.55	22.51	24.00
5		25	0	22.56	22.61	22.57	24.00
5		1	0	20.43	20.38	20.33	22.00
5		1	12	20.43	20.46	20.41	22.00
5		1	24	20.35	20.35	20.36	22.00
5	256QAM	12	0	20.62	20.60	20.61	22.00
5		12	7	20.52	20.54	20.55	22.00
5		12	13	20.63	20.55	20.57	22.00
5		25	0	20.54	20.65	20.56	22.00

<LTE Band 48 Ant 5 Full Power>

Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Frequency (MHz)	55340	55830	56150	56640			
Frequency (MHz)	55340	55830	56150	56640			
20	1	0	19.72	19.77	19.63	19.67	21.60
20	1	49	19.67	19.72	19.60	19.62	21.60
20	1	99	19.63	19.70	19.63	19.65	21.60
20	50	0	19.64	19.70	19.65	19.67	21.60
20	50	24	19.53	19.63	19.53	19.49	21.60
20	50	50	19.51	19.61	19.50	19.52	21.60
20	100	0	19.68	19.71	19.67	19.65	21.60
20	1	0	19.61	19.68	19.62	19.53	21.60
20	1	49	19.57	19.64	19.52	19.50	21.60
20	1	99	19.48	19.63	19.53	19.52	21.60
20	50	0	19.56	19.69	19.59	19.56	21.60
20	50	24	19.65	19.72	19.59	19.57	21.60
20	50	50	19.61	19.70	19.61	19.63	21.60
20	100	0	19.51	19.64	19.57	19.50	21.60
20	1	0	19.51	19.62	19.56	19.56	21.60
20	1	49	19.55	19.67	19.58	19.54	21.60
20	1	99	19.58	19.65	19.50	19.58	21.60
20	50	0	19.52	19.64	19.57	19.51	21.00
20	50	24	19.51	19.61	19.55	19.54	21.00
20	50	50	19.56	19.70	19.61	19.63	21.00
20	100	0	19.56	19.66	19.60	19.59	21.00
20	1	0	18.07	18.12	18.02	18.05	19.00
20	1	49	18.03	18.16	18.02	18.10	19.00
20	1	99	18.03	18.09	17.95	18.00	19.00
20	50	0	18.24	18.36	18.22	18.28	19.00
20	50	24	18.26	18.35	18.32	18.30	19.00
20	50	50	18.10	18.18	18.03	18.12	19.00
20	100	0	18.29	18.33	18.28	18.19	19.00
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Frequency (MHz)	55315	55820	56160	56665			
Frequency (MHz)	55315	55820	56160	56665			
15	1	0	19.60	19.69	19.56	19.49	21.60
15	1	37	19.53	19.57	19.48	19.54	21.60
15	1	74	19.55	19.58	19.51	19.51	21.60
15	36	0	19.48	19.63	19.47	19.50	21.60
15	36	20	19.43	19.51	19.42	19.35	21.60
15	36	39	19.43	19.47	19.43	19.44	21.60
15	75	0	19.47	19.65	19.53	19.55	21.60
15	1	0	19.52	19.58	19.48	19.41	21.60
15	1	37	19.44	19.51	19.46	19.39	21.60
15	1	74	19.41	19.57	19.44	19.42	21.60
15	36	0	19.48	19.59	19.44	19.51	21.60
15	36	20	19.51	19.57	19.47	19.46	21.60
15	36	39	19.51	19.59	19.51	19.50	21.60
15	75	0	19.40	19.51	19.50	19.42	21.60
15	1	0	19.42	19.51	19.42	19.43	21.60
15	1	37	19.43	19.57	19.50	19.45	21.60
15	1	74	19.43	19.57	19.36	19.46	21.60
15	36	0	19.45	19.51	19.42	19.41	21.00
15	36	20	19.39	19.56	19.47	19.43	21.00
15	36	39	19.46	19.62	19.51	19.50	21.00
15	75	0	19.41	19.60	19.52	19.50	21.00
15	1	0	17.93	18.04	17.87	17.95	19.00
15	1	37	17.91	18.09	17.97	18.00	19.00
15	1	74	17.98	18.02	17.83	17.90	19.00
15	36	0	18.09	18.30	18.14	18.14	19.00
15	36	20	18.16	18.29	18.21	18.16	19.00
15	36	39	18.00	18.08	17.99	18.04	19.00
15	75	0	18.20	18.19	18.14	18.12	19.00
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Frequency (MHz)	55290	55815	56165	56690			
Frequency (MHz)	55290	55815	56165	56690			
10	1	0	19.65	19.63	19.50	19.49	21.60
10	1	25	19.52	19.65	19.53	19.50	21.60
10	1	49	19.52	19.63	19.57	19.57	21.60
10	25	0	19.52	19.59	19.48	19.50	21.60
10	25	12	19.42	19.51	19.44	19.34	21.60
10	25	25	19.43	19.47	19.39	19.41	21.60
10	50	0	19.49	19.59	19.46	19.53	21.60
10	1	0	19.54	19.54	19.48	19.47	21.60
10	1	25	19.50	19.58	19.44	19.42	21.60
10	1	49	19.43	19.57	19.45	19.37	21.60
10	25	0	19.44	19.59	19.47	19.41	21.60
10	25	12	19.53	19.62	19.47	19.45	21.60
10	25	25	19.49	19.59	19.53	19.54	21.60
10	50	0	19.37	19.51	19.43	19.42	21.60
10	1	0	19.36	19.54	19.50	19.46	21.60
10	1	25	19.50	19.54	19.50	19.44	21.60
10	1	49	19.48	19.59	19.42	19.45	21.60
10	25	0	19.46	19.51	19.45	19.38	21.00
10	25	12	19.39	19.50	19.43	19.41	21.00
10	25	25	19.42	19.55	19.51	19.51	21.00
10	50	0	19.46	19.57	19.50	19.50	21.00
10	1	0	17.93	18.01	17.98	17.99	19.00
10	1	25	17.94	18.11	17.90	18.03	19.00
10	1	49	17.95	17.98	17.88	17.87	19.00
10	25	0	18.20	18.32	18.18	18.16	19.00
10	25	12	18.14	18.26	18.17	18.16	19.00
10	25	25	18.05	18.15	17.94	18.01	19.00
10	50	0	18.17	18.19	18.19	18.11	19.00
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Channel	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)			
Frequency (MHz)	55265	55810	56170	56715			
Frequency (MHz)	55265	55810	56170	56715			
5	1	0	19.63	19.70	19.58	19.54	21.60
5	1	12	19.62	19.67	19.45	19.57	21.60
5	1	24	19.48	19.59	19.54	19.55	21.60
5	12	0	19.50	19.58	19.51	19.43	21.60
5	12	7	19.46	19.52	19.47	19.42	21.60
5	12	13	19.40	19.50	19.42	19.43	21.60
5	25	0	19.52	19.56	19.53	19.53	21.60
5	1	0	19.50	19.53	19.49	19.42	21.60
5	1	12	19.52	19.54	19.46	19.43	21.60
5	1	24	19.41	19.49	19.46	19.38	21.60
5	12	0	19.41	19.60	19.53	19.51	21.60
5	12	7	19.52	19.65	19.46	19.45	21.60
5	12	13	19.55	19.55	19.55	19.50	21.60
5	25	0	19.37	19.54	19.45	19.45	21.60
5	1	0	19.40	19.57	19.44	19.49	21.60
5	1	12	19.42	19.56	19.47	19.40	21.60
5	1	24	19.48	19.52	19.41	19.45	21.60
5	12	0	19.40	19.54	19.43	19.43	21.00
5	12	7	19.44	19.49	19.48	19.46	21.00
5	12	13	19.48	19.54	19.56	19.58	21.00
5	25	0	19.43	19.52	19.47	19.52	21.00
5	1	0	18.03	18.00	17.88	17.99	19.00
5	1	12	17.97	18.04	17.94	17.95	19.00
5	1	24	17.90	17.98	17.91	17.93	19.00
5	12	0	18.14	18.25	18.08	18.22	19.00
5	12	7	18.22	18.25	18.26	18.25	19.00
5	12	13	18.05	18.12	17.89	17.98	19.00
5	25	0	18.16	18.24	18.22	18.06	19.00

<LTE Band 42 (27Q)_Ant 5_Head P-max>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up Limit (dBm)		
Channel				42190	42500	42990			
Frequency (MHz)				3400	3500	3540			
20	QPSK	1	0	19.54	19.74	19.45	20.00		
		1	49	19.51	19.42	19.39	20.00		
		1	99	19.32	19.57	19.48	20.00		
		50	0	19.29	19.64	19.39	20.00		
		50	24	19.36	19.49	19.42	20.00		
		50	50	19.49	19.50	19.33	20.00		
20	16QAM	100	0	19.56	19.57	19.33	20.00		
		1	0	19.44	19.33	19.47	20.00		
		1	49	19.35	19.49	19.50	20.00		
		1	99	19.55	19.36	19.43	20.00		
		50	0	19.31	19.36	19.34	20.00		
		50	24	19.41	19.48	19.44	20.00		
20	64QAM	50	50	19.48	19.29	19.28	20.00		
		100	0	19.40	19.35	19.45	20.00		
		1	0	19.30	19.37	19.36	20.00		
		1	49	19.35	19.29	19.50	20.00		
		1	99	19.30	19.52	19.41	20.00		
		50	50	19.49	19.51	19.35	20.00		
20	256QAM	100	0	19.55	19.44	19.48	20.00		
		1	0	17.02	17.05	17.00	19.00		
		1	49	17.00	17.22	17.00	19.00		
		1	99	17.00	17.29	17.06	19.00		
		50	0	17.07	17.34	17.19	19.00		
		50	24	17.14	17.43	17.28	19.00		
20	QPSK	50	50	17.16	17.46	17.28	19.00		
		100	0	17.01	17.33	17.16	19.00		
		Channel				42165	42590	43015	
		Frequency (MHz)				3457.5	3500	3542.5	
		15	QPSK	1	0	19.57	19.54	19.50	20.00
				1	37	19.48	19.18	19.40	20.00
1	74			19.30	19.39	19.48	20.00		
36	0			19.14	19.56	19.19	20.00		
36	20			19.17	19.44	19.21	20.00		
36	39			19.31	19.54	19.21	20.00		
15	16QAM	75	0	19.47	19.59	19.09	20.00		
		1	0	19.40	19.19	19.24	20.00		
		1	37	19.10	19.25	19.53	20.00		
		1	74	19.57	19.29	19.32	20.00		
		36	0	19.09	19.36	19.33	20.00		
		36	20	19.33	19.30	19.41	20.00		
15	64QAM	36	39	19.40	19.09	19.18	20.00		
		75	0	19.28	19.24	19.20	20.00		
		1	0	19.34	19.14	19.27	20.00		
		1	37	19.12	19.30	19.39	20.00		
		1	74	19.28	19.56	19.25	20.00		
		36	0	19.36	19.33	19.52	20.00		
15	256QAM	36	20	19.22	19.23	19.28	20.00		
		36	39	19.35	19.53	19.11	20.00		
		75	0	19.42	19.22	19.39	20.00		
		1	0	17.00	17.00	17.00	19.00		
		1	37	17.00	17.17	17.00	19.00		
		1	74	17.02	17.20	17.00	19.00		
15	QPSK	36	0	17.00	17.24	17.13	19.00		
		36	20	17.03	17.31	17.20	19.00		
		36	39	17.15	17.35	17.25	19.00		
		75	0	17.00	17.29	17.03	19.00		
		Channel				42440	42590	43040	
		Frequency (MHz)				3450	3505	3545	
10	QPSK	1	0	19.39	19.71	19.33	20.00		
		1	25	19.46	19.36	19.19	20.00		
		1	49	19.08	19.56	19.41	20.00		
		25	0	19.19	19.60	19.41	20.00		
		25	12	19.34	19.50	19.19	20.00		
		25	25	19.34	19.37	19.28	20.00		
10	16QAM	50	0	19.32	19.35	19.24	20.00		
		1	0	19.48	19.16	19.46	20.00		
		1	25	19.18	19.32	19.37	20.00		
		1	49	19.56	19.30	19.40	20.00		
		25	0	19.11	19.32	19.17	20.00		
		25	12	19.21	19.27	19.22	20.00		
10	64QAM	25	25	19.46	19.28	19.20	20.00		
		50	0	19.22	19.40	19.46	20.00		
		1	0	19.17	19.25	19.24	20.00		
		1	25	19.33	19.16	19.51	20.00		
		1	49	19.07	19.46	19.41	20.00		
		25	0	19.31	19.52	19.44	20.00		
10	256QAM	25	12	19.17	19.16	19.23	20.00		
		25	25	19.31	19.52	19.21	20.00		
		50	0	19.59	19.32	19.37	20.00		
		1	0	17.00	17.01	17.00	19.00		
		1	25	17.00	17.11	17.01	19.00		
		1	49	17.00	17.15	17.00	19.00		
10	QPSK	25	0	17.00	17.31	17.07	19.00		
		25	12	17.09	17.30	17.24	19.00		
		25	25	17.01	17.32	17.22	19.00		
		50	0	17.02	17.19	17.14	19.00		
		Channel				42115	42590	43085	
		Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	19.54	19.72	19.43	20.00		
		1	12	19.38	19.38	19.25	20.00		
		1	24	19.28	19.48	19.29	20.00		
		12	0	19.21	19.58	19.23	20.00		
		12	7	19.36	19.35	19.40	20.00		
		12	13	19.45	19.47	19.24	20.00		
5	16QAM	25	0	19.51	19.43	19.31	20.00		
		1	0	19.30	19.25	19.33	20.00		
		1	12	19.26	19.51	19.45	20.00		
		1	24	19.42	19.21	19.19	20.00		
		12	0	19.15	19.29	19.32	20.00		
		12	7	19.21	19.50	19.38	20.00		
5	64QAM	12	13	19.32	19.22	19.03	20.00		
		25	0	19.41	19.23	19.48	20.00		
		1	0	19.15	19.15	19.14	20.00		
		1	12	19.20	19.29	19.39	20.00		
		1	24	19.33	19.47	19.40	20.00		
		12	0	19.25	19.26	19.41	20.00		
5	256QAM	12	7	19.11	19.32	19.25	20.00		
		12	13	19.31	19.37	19.37	20.00		
		25	0	19.44	19.47	19.42	20.00		
		1	0	17.01	17.00	17.00	19.00		
		1	12	17.00	17.21	17.00	19.00		
		1	24	17.01	17.16	17.01	19.00		
5	QPSK	12	0	17.03	17.20	17.09	19.00		
		12	7	17.11	17.36	17.18	19.00		
		12	13	17.05	17.38	17.21	19.00		
		25	0	17.01	17.25	17.04	19.00		
		Channel				42115	42590	43085	
		Frequency (MHz)				3452.5	3500	3547.5	

<LTE Band 42 (96)_Ant 5_Head P-max>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up Limit (dBm)		
Channel				431.90	433.40	434.90			
Frequency (MHz)				3650	3675	3690			
20	QPSK	1	0	19.46	19.72	19.46	20.00		
		1	49	19.44	19.38	19.36	20.00		
		1	99	19.20	19.54	19.37	20.00		
		50	0	19.15	19.56	19.37	20.00		
		50	24	19.35	19.40	19.24	20.00		
		50	50	19.41	19.45	19.33	20.00		
20	16QAM	100	0	19.35	19.41	19.34	20.00		
		1	0	19.40	19.21	19.29	20.00		
		1	49	19.35	19.28	19.37	20.00		
		1	99	19.52	19.21	19.29	20.00		
		50	0	19.20	19.23	19.35	20.00		
		50	24	19.40	19.39	19.41	20.00		
20	64QAM	50	50	19.45	19.20	19.25	20.00		
		100	0	19.28	19.23	19.24	20.00		
		1	0	19.10	19.15	19.33	20.00		
		1	49	19.31	19.08	19.29	20.00		
		1	99	19.15	19.53	19.41	20.00		
		50	0	19.33	19.43	19.42	20.00		
20	256QAM	50	24	19.30	19.19	19.29	20.00		
		50	50	19.34	19.42	19.29	20.00		
		100	0	19.42	19.45	19.47	20.00		
		1	0	16.97	17.00	17.00	19.00		
		1	49	17.00	17.14	16.90	19.00		
		1	99	16.81	17.30	16.95	19.00		
15	QPSK	36	0	19.03	17.31	17.13	19.00		
		36	24	17.07	17.43	17.13	19.00		
		50	50	17.02	17.29	17.20	19.00		
		75	0	19.47	19.39	19.32	20.00		
		1	0	19.42	19.32	19.40	20.00		
		1	37	19.28	19.36	19.47	20.00		
15	16QAM	1	74	19.34	19.15	19.42	20.00		
		36	0	19.26	19.36	19.35	20.00		
		36	20	19.28	19.47	19.44	20.00		
		36	39	19.44	19.30	19.08	20.00		
		75	0	19.29	19.35	19.24	20.00		
		1	0	19.12	19.25	19.32	20.00		
15	64QAM	1	37	19.17	19.08	19.29	20.00		
		36	0	19.34	19.50	19.47	20.00		
		36	20	19.32	19.36	19.38	20.00		
		36	39	19.33	19.30	19.33	20.00		
		75	0	19.43	19.31	19.26	20.00		
		1	0	16.82	17.03	16.93	19.00		
15	256QAM	1	37	16.92	17.19	16.95	19.00		
		1	74	16.79	17.15	17.08	19.00		
		36	0	17.00	17.34	17.11	19.00		
		36	20	17.03	17.38	17.09	19.00		
		36	39	17.07	17.32	17.12	19.00		
		75	0	16.87	17.25	17.07	19.00		
Channel				431.90	433.40	434.90			
Frequency (MHz)				3655	3675	3695			
10	QPSK	1	0	19.36	19.71	19.37	20.00		
		1	25	19.43	19.21	19.22	20.00		
		1	49	19.27	19.58	19.40	20.00		
		25	0	19.19	19.45	19.28	20.00		
		25	12	19.21	19.29	19.21	20.00		
		25	25	19.40	19.50	19.33	20.00		
10	16QAM	50	0	19.43	19.50	19.25	20.00		
		1	0	19.46	19.28	19.41	20.00		
		1	25	19.31	19.44	19.45	20.00		
		1	49	19.49	19.19	19.29	20.00		
		25	0	19.31	19.22	19.34	20.00		
		25	12	19.38	19.28	19.28	20.00		
10	64QAM	25	25	19.34	19.10	19.09	20.00		
		50	0	19.20	19.34	19.37	20.00		
		1	0	19.20	19.26	19.27	20.00		
		1	25	19.26	19.26	19.38	20.00		
		1	49	19.14	19.32	19.37	20.00		
		25	0	19.22	19.41	19.30	20.00		
10	256QAM	25	12	19.11	19.26	19.37	20.00		
		25	25	19.49	19.33	19.17	20.00		
		50	0	19.44	19.22	19.39	20.00		
		1	0	16.86	16.91	16.91	19.00		
		1	25	16.91	17.02	16.99	19.00		
		1	49	16.83	17.08	17.00	19.00		
5	QPSK	25	0	16.85	17.30	17.17	19.00		
		25	12	16.96	17.21	17.25	19.00		
		25	25	16.98	17.44	17.12	19.00		
		50	0	16.91	17.34	17.03	19.00		
		Channel				431.15	433.40	435.65	
		Frequency (MHz)				3652.5	3675	3692.5	
5	QPSK	1	0	19.47	19.63	19.37	20.00		
		1	12	19.46	19.43	19.34	20.00		
		1	24	19.27	19.38	19.46	20.00		
		12	0	19.13	19.58	19.18	20.00		
		12	7	19.36	19.31	19.37	20.00		
		12	13	19.47	19.38	19.32	20.00		
5	16QAM	25	0	19.49	19.42	19.28	20.00		
		1	0	19.26	19.28	19.47	20.00		
		1	12	19.32	19.45	19.34	20.00		
		1	24	19.36	19.35	19.26	20.00		
		12	0	19.17	19.27	19.27	20.00		
		12	7	19.42	19.40	19.36	20.00		
5	64QAM	12	13	19.36	19.16	19.29	20.00		
		25	0	19.37	19.31	19.33	20.00		
		1	0	19.18	19.26	19.35	20.00		
		1	12	19.25	19.31	19.52	20.00		
		1	24	19.26	19.39	19.23	20.00		
		12	0	19.24	19.35	19.48	20.00		
5	256QAM	12	7	19.26	19.37	19.30	20.00		
		12	13	19.48	19.45	19.21	20.00		
		25	0	19.55	19.35	19.44	20.00		
		1	0	16.96	16.96	16.79	19.00		
		1	12	16.80	17.10	16.94	19.00		
		1	24	17.01	17.15	16.89	19.00		
5	QPSK	12	0	16.93	17.21	17.13	19.00		
		12	7	16.95	17.27	17.20	19.00		
		12	13	17.09	17.33	17.18	19.00		
		25	0	16.82	17.11	17.16	19.00		
		Channel				431.15	433.40	435.65	
		Frequency (MHz)				3652.5	3675	3692.5	

<LTE Band 42 (96)_Ant 5_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)		
Channel				43190	43400	43490			
Frequency (MHz)				3650	3675	3690			
20	1	0	22.07	22.46	22.18	24.00			
		1	49	22.12	22.17	22.09	24.00		
		99	22.06	22.25	22.08	24.00			
20	QPSK	50	0	21.11	21.31	21.10	23.00		
		50	24	21.07	21.28	21.12	23.00		
		50	50	21.10	21.28	21.18	23.00		
20	100	0	21.08	21.10	21.05	23.00			
		1	0	20.96	20.97	20.99	23.00		
		1	49	21.08	21.36	21.10	23.00		
20	16QAM	1	99	21.16	21.30	21.14	23.00		
		50	0	19.93	20.29	20.11	22.00		
		50	24	20.11	20.15	20.17	22.00		
20	50	50	20.02	20.22	20.02	22.00			
		100	0	20.15	20.26	20.12	22.00		
		1	0	20.00	20.61	19.93	22.00		
20	64QAM	1	49	20.09	19.82	19.82	22.00		
		1	99	19.97	19.99	19.87	22.00		
		50	0	19.07	19.20	19.08	21.00		
20	256QAM	50	24	19.04	19.36	19.23	21.00		
		50	50	18.97	19.37	19.19	21.00		
		100	0	19.11	19.28	18.87	21.00		
20	1	0	17.11	17.06	16.98	19.00			
		1	49	17.01	17.23	16.80	19.00		
		1	99	17.07	17.18	17.01	19.00		
20	50	0	16.99	17.26	17.18	19.00			
		50	24	17.22	17.26	17.06	19.00		
		50	50	17.24	17.30	17.29	19.00		
20	100	0	16.95	17.35	17.05	19.00			
		Channel				43160	43400	43510	
		Frequency (MHz)				3652.5	3675	3692.5	
15	1	0	22.16	22.34	22.17	24.00			
		1	37	22.15	22.13	22.10	24.00		
		1	74	22.02	22.16	22.16	24.00		
15	QPSK	36	0	21.14	21.33	20.99	23.00		
		36	20	21.02	21.20	21.07	23.00		
		36	39	21.00	21.18	21.11	23.00		
15	16QAM	75	0	21.14	21.01	21.07	23.00		
		1	0	20.90	20.84	20.95	23.00		
		1	37	21.06	21.10	21.07	23.00		
15	50	0	19.98	20.38	20.12	22.00			
		36	20	20.05	20.25	20.11	22.00		
		36	39	20.09	20.28	19.92	22.00		
15	75	0	20.04	20.31	20.20	22.00			
		1	0	20.04	20.62	19.88	22.00		
		1	37	20.05	19.72	19.83	22.00		
15	64QAM	1	74	19.93	19.94	19.83	22.00		
		36	0	18.96	19.20	19.17	21.00		
		36	20	18.94	19.32	19.17	21.00		
15	256QAM	36	39	19.03	19.44	19.20	21.00		
		75	0	19.14	19.36	18.92	21.00		
		1	0	17.15	17.00	17.01	19.00		
15	1	37	16.89	17.14	16.76	19.00			
		1	74	17.13	17.24	16.89	19.00		
		36	0	16.89	17.34	17.08	19.00		
10	36	20	17.16	17.17	16.94	19.00			
		36	39	17.34	17.32	17.23	19.00		
		75	0	16.83	17.44	16.92	19.00		
10	Channel	43140				43160	43540		
		Frequency (MHz)				3655	3675	3695	
		20	1	0	22.15	22.40	22.23	24.00	
1	25			22.18	22.05	22.09	24.00		
1	49			22.13	22.16	22.10	24.00		
20	QPSK	25	0	21.12	21.27	20.98	23.00		
		25	12	21.12	21.29	21.03	23.00		
		25	25	21.18	21.32	21.24	23.00		
20	50	0	21.04	21.06	21.13	23.00			
		1	0	20.87	20.88	20.87	23.00		
		1	25	21.17	21.41	21.10	23.00		
20	16QAM	1	49	21.25	21.34	21.10	23.00		
		25	0	19.98	20.22	20.07	22.00		
		25	12	20.03	20.23	20.17	22.00		
20	50	25	25	19.92	20.13	20.12	22.00		
		50	0	20.19	20.19	20.18	22.00		
		1	0	19.89	20.65	19.93	22.00		
20	64QAM	1	25	20.12	19.84	19.85	22.00		
		1	49	19.92	20.06	19.87	22.00		
		25	0	19.01	19.16	19.17	21.00		
20	256QAM	25	12	19.03	19.41	19.33	21.00		
		25	25	19.02	19.31	19.22	21.00		
		50	0	19.12	19.24	18.83	21.00		
10	1	0	17.20	17.07	16.99	19.00			
		1	25	17.10	17.15	16.83	19.00		
		1	49	17.15	17.29	16.98	19.00		
10	256QAM	25	0	16.94	17.27	17.09	19.00		
		25	12	17.29	17.30	17.05	19.00		
		25	25	17.13	17.25	17.34	19.00		
10	50	0	17.03	17.29	16.98	19.00			
		Channel				43115	43160	43500	
		Frequency (MHz)				3652.5	3675	3692.5	
5	1	0	22.09	22.43	22.22	24.00			
		1	12	22.04	22.16	22.11	24.00		
		1	24	22.15	22.27	22.13	24.00		
5	QPSK	12	0	21.07	21.37	21.15	23.00		
		12	7	21.07	21.32	20.99	23.00		
		12	13	21.19	21.35	21.23	23.00		
5	1	0	21.05	21.03	21.13	23.00			
		1	0	20.96	20.93	20.99	23.00		
		1	12	21.13	21.28	21.11	23.00		
5	16QAM	1	24	21.25	21.39	21.21	23.00		
		12	0	20.02	20.18	20.02	22.00		
		12	7	20.19	20.27	20.21	22.00		
5	256QAM	12	13	20.09	20.09	19.90	22.00		
		25	0	20.14	20.19	20.13	22.00		
		1	0	20.02	20.70	20.00	22.00		
5	64QAM	1	12	20.01	19.85	19.87	22.00		
		1	24	19.98	19.97	19.98	22.00		
		12	7	19.13	19.26	19.02	21.00		
5	256QAM	12	13	19.04	19.42	19.12	21.00		
		25	0	19.04	19.35	18.79	21.00		
		1	0	17.13	17.03	16.90	19.00		
5	1	12	17.07	17.29	16.85	19.00			
		1	24	17.04	17.20	17.08	19.00		
		12	0	16.92	17.15	17.08	19.00		
5	256QAM	12	7	17.26	17.18	16.95	19.00		
		12	13	17.29	17.33	17.19	19.00		
		25	0	16.84	17.28	17.04	19.00		

<LTE Band 42 (96)_Ant 5_EC12>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up Limit (dBm)
Channel				43190	43340	43490	
Frequency (MHz)				3660	3675	3690	
20	QPSK	1	0	17.84	17.92	17.77	18.00
20		1	49	17.87	17.83	17.66	18.00
20		1	99	17.81	17.74	17.70	18.00
20		50	0	17.68	17.54	17.78	18.00
20		50	24	17.74	17.81	17.78	18.00
20		50	50	17.77	17.80	17.82	18.00
20	16QAM	100	0	17.75	17.65	17.77	18.00
20		1	0	17.72	17.84	17.67	18.00
20		1	49	17.76	17.82	17.60	18.00
20		1	99	17.81	17.91	17.86	18.00
20		50	0	17.77	17.73	17.76	18.00
20		50	24	17.74	17.73	17.69	18.00
20	64QAM	50	50	17.83	17.80	17.77	18.00
20		100	0	17.82	17.81	17.69	18.00
20		1	0	17.72	17.85	17.68	18.00
20		1	49	17.79	17.70	17.74	18.00
20		1	99	17.68	17.87	17.86	18.00
20		50	0	17.60	17.67	17.70	18.00
20	256QAM	50	24	17.70	17.82	17.87	18.00
20		50	50	17.81	17.82	17.88	18.00
20		100	0	17.75	17.81	17.59	18.00
20		1	0	17.84	17.79	17.82	18.00
20		1	49	17.65	17.76	17.80	18.00
20		1	99	17.64	17.81	17.76	18.00
Channel				43160	43310	43515	Tuneup Limit (dBm)
Frequency (MHz)				3657.5	3675	3692.5	
15	QPSK	1	0	17.62	17.60	17.56	18.00
15		1	37	17.70	17.63	17.56	18.00
15		1	74	17.58	17.48	17.57	18.00
15		36	0	17.54	17.65	17.74	18.00
15		36	20	17.54	17.69	17.63	18.00
15		36	39	17.71	17.64	17.58	18.00
15	16QAM	75	0	17.59	17.65	17.71	18.00
15		1	0	17.57	17.63	17.54	18.00
15		1	37	17.74	17.66	17.42	18.00
15		1	74	17.60	17.69	17.70	18.00
15		36	0	17.72	17.56	17.65	18.00
15		36	20	17.51	17.59	17.53	18.00
15	64QAM	36	39	17.80	17.70	17.54	18.00
15		75	0	17.58	17.61	17.48	18.00
15		1	0	17.58	17.73	17.43	18.00
15		1	37	17.58	17.73	17.59	18.00
15		1	74	17.63	17.48	17.61	18.00
15		1	74	17.43	17.71	17.75	18.00
15	256QAM	36	0	17.37	17.57	17.57	18.00
15		36	20	17.60	17.71	17.62	18.00
15		36	39	17.79	17.75	17.79	18.00
15		75	0	17.57	17.65	17.56	18.00
15		1	0	17.61	17.76	17.75	18.00
15		1	37	17.40	17.50	17.68	18.00
Channel				43140	43300	43540	Tuneup Limit (dBm)
Frequency (MHz)				3655	3675	3695	
10	QPSK	1	0	17.61	17.74	17.56	18.00
10		1	25	17.78	17.74	17.43	18.00
10		1	49	17.57	17.60	17.55	18.00
10		25	0	17.50	17.64	17.76	18.00
10		25	12	17.53	17.62	17.59	18.00
10		25	25	17.57	17.60	17.59	18.00
10	16QAM	50	0	17.53	17.69	17.52	18.00
10		1	0	17.69	17.64	17.54	18.00
10		1	25	17.58	17.68	17.48	18.00
10		1	49	17.63	17.78	17.63	18.00
10		25	0	17.72	17.59	17.60	18.00
10		25	12	17.57	17.70	17.53	18.00
10	64QAM	25	25	17.74	17.74	17.70	18.00
10		50	0	17.66	17.77	17.63	18.00
10		1	0	17.47	17.60	17.54	18.00
10		1	25	17.65	17.44	17.64	18.00
10		1	49	17.46	17.65	17.72	18.00
10		25	0	17.46	17.65	17.66	18.00
10	256QAM	25	12	17.64	17.56	17.67	18.00
10		25	25	17.63	17.71	17.80	18.00
10		50	0	17.71	17.68	17.56	18.00
10		1	0	17.70	17.67	17.69	18.00
10		1	25	17.42	17.68	17.77	18.00
10		1	49	17.53	17.77	17.61	18.00
5	QPSK	25	0	17.63	17.74	17.73	18.00
5		25	12	17.55	17.63	17.57	18.00
5		25	25	17.41	17.61	17.41	18.00
5		50	0	17.65	17.60	17.47	18.00
5		1	0	17.65	17.60	17.47	18.00
5		1	12	17.57	17.45	17.59	18.00
5	16QAM	1	24	17.49	17.66	17.67	18.00
5		12	0	17.57	17.46	17.67	18.00
5		12	7	17.50	17.74	17.65	18.00
5		12	13	17.73	17.72	17.64	18.00
5		25	0	17.57	17.62	17.47	18.00
5		1	0	17.69	17.56	17.68	18.00
5	64QAM	1	12	17.41	17.71	17.76	18.00
5		1	24	17.50	17.68	17.67	18.00
5		12	0	17.57	17.46	17.67	18.00
5		12	7	17.50	17.74	17.65	18.00
5		12	13	17.73	17.72	17.64	18.00
5		25	0	17.57	17.69	17.45	18.00
5	256QAM	12	0	17.57	17.68	17.56	18.00
5		12	0	17.56	17.68	17.61	18.00
5		12	7	17.50	17.59	17.40	18.00
5		12	13	17.41	17.61	17.41	18.00
5		25	0	17.57	17.69	17.45	18.00
5		25	0	17.57	17.69	17.45	18.00

<LTE Band 42 (96)_Ant 5_EC17>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up Limit (dBm)		
Channel				43190	43240	43290			
Frequency (MHz)				3650	3675	3690			
20		1	0	15.29	15.54	15.18	17.20		
		1	49	15.37	15.25	15.19	17.20		
		1	99	15.34	15.34	15.29	17.20		
20	QPSK	50	0	15.07	15.40	15.33	17.20		
		50	24	15.35	15.30	15.38	17.20		
		50	50	15.20	15.39	15.19	17.20		
20		100	0	15.13	15.34	15.15	17.20		
		1	0	15.16	15.30	15.18	17.20		
		1	49	15.18	15.41	15.12	17.20		
20		1	99	15.37	15.50	15.27	17.20		
		50	0	15.24	15.34	15.27	17.20		
		50	24	15.32	15.11	15.28	17.20		
20	16QAM	50	50	15.31	15.40	15.25	17.20		
		100	0	15.42	15.24	15.09	17.20		
		1	0	15.17	15.24	15.24	17.20		
20		1	49	15.36	15.19	15.26	17.20		
		1	99	15.23	15.38	15.32	17.20		
		50	0	15.08	15.14	15.19	17.20		
20	64QAM	50	24	15.14	15.37	15.29	17.20		
		50	50	15.26	15.44	15.34	17.20		
		100	0	15.32	15.31	15.18	17.20		
20		1	0	15.34	15.38	15.23	17.20		
		1	49	15.14	15.27	15.41	17.20		
		1	99	15.21	15.23	15.30	17.20		
20	256QAM	50	0	15.25	15.36	15.36	17.20		
		50	24	15.31	15.38	15.14	17.20		
		50	50	15.05	15.25	15.05	17.20		
20		100	0	15.30	15.24	15.14	17.20		
Channel				43165	43240	43315			
Frequency (MHz)				3657.5	3675	3692.5			
15		1	0	15.40	15.15	15.15	17.20		
		1	37	15.30	15.27	15.16	17.20		
		1	74	15.17	15.12	15.26	17.20		
15	QPSK	36	0	15.06	15.35	15.19	17.20		
		36	20	15.17	15.28	15.20	17.20		
		36	39	15.34	15.20	15.08	17.20		
15		75	0	15.33	15.30	15.24	17.20		
		1	0	15.22	15.25	15.18	17.20		
		1	37	15.15	15.34	15.11	17.20		
15	16QAM	1	74	15.32	15.38	15.34	17.20		
		36	0	15.38	15.15	15.32	17.20		
		36	20	15.19	15.15	15.30	17.20		
15		36	39	15.22	15.20	15.33	17.20		
		75	0	15.36	15.43	15.09	17.20		
		1	0	15.21	15.23	15.21	17.20		
15	64QAM	1	37	15.26	15.26	15.17	17.20		
		1	74	15.16	15.36	15.42	17.20		
		36	0	15.03	15.21	15.18	17.20		
15		36	20	15.08	15.40	15.28	17.20		
		36	39	15.34	15.33	15.29	17.20		
		75	0	15.26	15.31	14.97	17.20		
15		1	0	15.41	15.18	15.26	17.20		
		1	37	15.07	15.35	15.28	17.20		
		1	74	15.04	15.42	15.19	17.20		
15	256QAM	36	0	15.34	15.36	15.29	17.20		
		36	20	15.11	15.21	15.08	17.20		
		36	39	15.06	15.33	15.14	17.20		
15		75	0	15.13	15.20	15.26	17.20		
		Channel				43140	43240	43340	
		Frequency (MHz)				3655	3675	3695	
10		1	0	15.30	15.38	15.18	17.20		
		1	25	15.46	15.30	15.18	17.20		
		1	49	15.40	15.13	15.12	17.20		
10	QPSK	25	0	15.24	15.41	15.30	17.20		
		25	12	15.28	15.35	15.23	17.20		
		25	25	15.24	15.21	15.17	17.20		
10		50	0	15.29	15.41	15.35	17.20		
		1	0	15.24	15.34	15.18	17.20		
		1	25	15.36	15.33	15.04	17.20		
10	16QAM	1	49	15.35	15.42	15.47	17.20		
		25	0	15.27	15.26	15.17	17.20		
		25	12	15.13	15.27	15.23	17.20		
10		25	25	15.26	15.29	15.21	17.20		
		50	0	15.43	15.38	15.21	17.20		
		1	0	15.13	15.42	15.07	17.20		
10	64QAM	1	25	15.28	15.24	15.16	17.20		
		1	49	15.12	15.44	15.37	17.20		
		25	0	15.16	15.23	15.30	17.20		
10		25	12	15.28	15.32	15.39	17.20		
		25	25	15.23	15.37	15.46	17.20		
		50	0	15.32	15.25	14.98	17.20		
10		1	0	15.25	15.29	15.32	17.20		
		1	25	15.15	15.34	15.40	17.20		
		1	49	15.18	15.30	15.19	17.20		
10	256QAM	25	0	15.26	15.49	15.30	17.20		
		25	12	15.24	15.28	15.16	17.20		
		25	25	15.13	15.41	15.20	17.20		
10		50	0	15.33	15.19	15.16	17.20		
Channel				43115	43240	43365			
Frequency (MHz)				3652.5	3675	3697.5			
5		1	0	15.39	15.42	15.38	17.20		
		1	12	15.30	15.26	15.24	17.20		
		1	24	15.32	15.22	15.25	17.20		
5	QPSK	12	0	15.22	15.28	15.23	17.20		
		12	7	15.23	15.36	15.28	17.20		
		12	13	15.26	15.30	15.19	17.20		
5		25	0	15.34	15.36	15.16	17.20		
		1	0	15.10	15.38	15.14	17.20		
		1	12	15.33	15.34	15.06	17.20		
5	16QAM	1	24	15.24	15.33	15.32	17.20		
		12	0	15.37	15.32	15.26	17.20		
		12	7	15.25	15.34	15.19	17.20		
5		12	13	15.32	15.28	15.32	17.20		
		25	0	15.29	15.26	15.17	17.20		
		1	0	15.19	15.19	15.22	17.20		
5	64QAM	1	24	15.21	15.28	15.46	17.20		
		12	0	15.19	15.21	15.30	17.20		
		12	7	15.09	15.20	15.41	17.20		
5		12	13	15.36	15.34	15.28	17.20		
		25	0	15.34	15.38	15.12	17.20		
		1	0	15.33	15.26	15.41	17.20		
5	256QAM	1	12	15.03	15.31	15.42	17.20		
		1	24	15.13	15.33	15.20	17.20		
		12	0	15.25	15.28	15.23	17.20		
5		12	7	15.24	15.31	15.05	17.20		
		12	13	15.26	15.37	15.01	17.20		
		25	0	15.23	15.30	15.23	17.20		

<LTE Band 42 (96)_Ant 5_EC13>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up Limit (dBm)
Channel				43180	43340	43480	
Frequency (MHz)				3650	3676	3699	
20	QPSK	1	0	17.02	17.10	16.91	18.70
20		1	49	16.86	16.84	16.83	18.70
20		1	99	16.86	16.87	16.75	18.70
20		50	0	16.85	17.01	16.77	18.70
20		50	24	16.94	16.94	16.80	18.70
20		50	50	16.98	16.90	16.81	18.70
20	16QAM	100	0	16.95	16.97	16.91	18.70
20		1	0	16.92	16.85	16.80	18.70
20		1	49	16.87	16.93	16.73	18.70
20		1	99	16.95	17.06	16.94	18.70
20		50	0	16.97	16.92	16.75	18.70
20		50	24	16.88	16.78	16.53	18.70
20	64QAM	50	50	16.82	16.85	16.80	18.70
20		100	0	16.88	16.80	16.74	18.70
20		1	0	16.74	17.03	16.82	18.70
20		1	49	16.84	16.86	16.82	18.70
20		1	99	16.80	17.04	17.07	18.70
20		50	0	16.67	16.88	16.91	18.70
20	256QAM	50	24	16.68	16.82	17.00	18.70
20		50	50	16.79	16.84	16.88	18.70
20		100	0	16.92	16.86	16.68	18.70
20		1	0	17.03	16.92	16.83	18.70
20		1	49	16.79	16.95	16.81	18.70
20		1	99	16.76	16.81	16.94	18.70
15	QPSK	36	0	16.72	17.02	16.92	18.70
15		36	20	16.93	16.96	16.76	18.70
15		36	39	16.77	16.85	16.72	18.70
15		75	0	16.91	17.04	16.91	18.70
15		1	0	16.77	16.88	16.87	18.70
15		1	37	16.80	16.94	16.84	18.70
15	16QAM	1	74	16.87	16.97	16.97	18.70
15		36	0	16.79	16.85	16.97	18.70
15		36	20	16.79	16.91	16.80	18.70
15		36	39	16.99	17.02	16.93	18.70
15		75	0	17.03	17.01	16.73	18.70
15		1	0	16.77	16.83	16.67	18.70
15	64QAM	1	37	16.82	16.85	16.90	18.70
15		1	74	16.82	16.92	16.98	18.70
15		36	0	16.66	16.85	16.76	18.70
15		36	20	16.70	16.81	16.98	18.70
15		36	39	16.86	16.91	17.08	18.70
15		75	0	16.91	16.83	16.75	18.70
15	256QAM	1	0	17.02	16.92	16.85	18.70
15		1	37	16.67	16.76	16.84	18.70
15		1	74	16.63	17.01	16.89	18.70
15		36	0	16.95	16.93	16.92	18.70
15		36	20	16.68	17.00	16.78	18.70
15		36	39	16.68	17.02	16.77	18.70
10	QPSK	1	0	16.86	16.92	16.98	18.70
10		1	25	17.01	16.83	16.86	18.70
10		1	49	16.82	16.83	16.90	18.70
10		25	0	16.89	16.85	16.89	18.70
10		25	12	16.83	16.86	16.83	18.70
10		25	25	16.84	17.01	16.80	18.70
10	16QAM	50	0	16.86	16.96	16.97	18.70
10		1	0	16.93	16.90	16.82	18.70
10		25	0	16.85	16.93	16.80	18.70
10		1	49	16.94	17.08	16.89	18.70
10		25	0	16.89	16.94	16.77	18.70
10		25	12	16.73	16.74	16.88	18.70
10	64QAM	25	25	16.98	16.98	16.80	18.70
10		50	0	16.80	16.83	16.81	18.70
10		1	0	16.88	16.95	16.75	18.70
10		1	25	16.89	16.76	16.94	18.70
10		1	49	16.89	17.02	17.07	18.70
10		25	0	16.75	16.65	16.74	18.70
10	256QAM	25	12	16.89	16.95	16.80	18.70
10		25	25	16.96	16.97	16.95	18.70
10		50	0	16.91	16.95	16.64	18.70
10		1	0	16.88	16.93	16.89	18.70
10		1	25	16.68	16.93	17.00	18.70
10		1	49	16.84	16.92	16.80	18.70
5	QPSK	12	0	16.82	17.02	16.80	18.70
5		12	7	16.83	16.80	16.86	18.70
5		12	13	16.82	16.96	16.77	18.70
5		25	0	16.93	16.87	16.80	18.70
5		1	0	16.76	16.88	16.71	18.70
5		1	12	16.74	17.02	16.68	18.70
5	16QAM	1	24	16.85	16.96	16.99	18.70
5		12	0	16.82	16.90	16.85	18.70
5		12	7	16.80	16.74	16.81	18.70
5		12	13	16.83	16.79	16.95	18.70
5		25	0	17.01	16.81	16.82	18.70
5		1	0	16.92	16.88	16.87	18.70
5	64QAM	1	12	16.86	16.82	16.88	18.70
5		1	24	16.66	17.06	16.94	18.70
5		12	0	16.60	16.66	16.71	18.70
5		12	7	16.89	16.85	17.02	18.70
5		12	13	16.84	16.95	16.96	18.70
5		25	0	16.77	16.91	16.72	18.70
5	256QAM	1	0	16.93	16.81	16.92	18.70
5		1	12	16.82	16.97	16.91	18.70
5		1	24	16.62	16.91	16.78	18.70
5		12	0	16.82	16.92	16.84	18.70
5		12	7	16.71	17.04	16.76	18.70
5		12	13	16.76	17.00	16.80	18.70

<LTE Band 42 (96)_Ant 5_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)		
Channel				43190	43240	43490			
Frequency (MHz)				3650	3675	3690			
20	QPSK	1	0	19.72	19.74	19.45	21.60		
		1	49	19.46	19.62	19.56	21.60		
		1	99	19.57	19.57	19.42	21.60		
20	QPSK	50	0	19.45	19.64	19.45	21.60		
		50	24	19.47	19.49	19.54	21.60		
		50	50	19.53	19.54	19.36	21.60		
20	16QAM	100	0	19.52	19.63	19.60	21.60		
		1	0	19.52	19.60	19.42	21.60		
		1	49	19.44	19.65	19.37	21.60		
20	16QAM	1	99	19.33	19.51	19.44	21.60		
		50	0	19.56	19.67	19.49	21.60		
		50	24	19.64	19.65	19.56	21.60		
20	64QAM	50	50	19.55	19.51	19.41	21.60		
		100	0	19.34	19.54	19.46	21.60		
		1	0	19.34	19.50	19.53	21.60		
20	64QAM	1	49	19.36	19.62	19.38	21.60		
		1	99	19.38	19.67	19.39	21.60		
		50	0	19.07	19.20	19.08	21.00		
20	256QAM	50	24	19.04	19.36	19.23	21.00		
		50	50	19.06	19.37	19.19	21.00		
		100	0	19.11	19.28	18.87	21.00		
20	256QAM	1	0	17.11	17.06	16.98	19.00		
		1	49	17.01	17.23	16.80	19.00		
		1	99	17.07	17.18	17.01	19.00		
20	256QAM	50	24	17.22	17.28	17.06	19.00		
		50	50	17.24	17.30	17.29	19.00		
		100	0	16.95	17.35	17.05	19.00		
Channel				43165	43310	43515			
Frequency (MHz)				3657.5	3675	3692.5			
15	QPSK	1	0	19.71	19.71	19.63	21.60		
		1	37	19.63	19.59	19.59	21.60		
		1	74	19.57	19.57	19.43	21.60		
15	QPSK	36	0	19.60	19.60	19.45	21.60		
		36	20	19.40	19.42	19.42	21.60		
		36	39	19.30	19.60	19.49	21.60		
15	16QAM	75	0	19.57	19.68	19.55	21.60		
		1	0	19.62	19.48	19.58	21.60		
		1	37	19.54	19.61	19.52	21.60		
15	16QAM	1	74	19.47	19.50	19.50	21.60		
		36	0	19.50	19.68	19.46	21.60		
		36	20	19.46	19.66	19.56	21.60		
15	64QAM	36	39	19.51	19.57	19.52	21.60		
		75	0	19.53	19.51	19.51	21.60		
		1	0	19.40	19.50	19.51	21.60		
15	64QAM	1	37	19.40	19.48	19.48	21.60		
		1	74	19.41	19.49	19.30	21.60		
		36	0	18.96	19.20	19.17	21.00		
15	256QAM	36	20	18.94	19.32	19.17	21.00		
		36	39	19.03	19.44	19.20	21.00		
		75	0	19.14	19.36	18.92	21.00		
15	256QAM	1	0	17.15	17.00	17.01	19.00		
		1	37	16.89	17.14	16.76	19.00		
		1	74	17.13	17.24	16.89	19.00		
15	256QAM	36	0	16.89	17.34	17.08	19.00		
		36	20	17.16	17.17	16.94	19.00		
		36	39	17.34	17.32	17.23	19.00		
15	256QAM	75	0	16.83	17.44	16.92	19.00		
		Channel				43140	43340	43540	
		Frequency (MHz)				3655	3675	3695	
10	QPSK	1	0	19.66	19.62	19.45	21.60		
		1	25	19.59	19.56	19.60	21.60		
		1	49	19.59	19.57	19.51	21.60		
10	16QAM	25	0	19.55	19.66	19.64	21.60		
		25	12	19.50	19.41	19.44	21.60		
		25	25	19.47	19.50	19.37	21.60		
10	16QAM	50	0	19.52	19.59	19.47	21.60		
		1	0	19.56	19.50	19.38	21.60		
		1	25	19.49	19.52	19.38	21.60		
10	256QAM	1	49	19.29	19.42	19.37	21.60		
		25	0	19.55	19.52	19.52	21.60		
		25	12	19.60	19.72	19.45	21.60		
10	64QAM	25	25	19.53	19.61	19.59	21.60		
		50	0	19.43	19.42	19.49	21.60		
		1	0	19.34	19.49	19.51	21.60		
10	64QAM	1	25	19.42	19.56	19.52	21.60		
		1	49	19.45	19.64	19.36	21.60		
		25	0	19.01	19.16	19.17	21.00		
10	256QAM	25	12	19.03	19.41	19.33	21.00		
		25	25	19.02	19.31	19.22	21.00		
		50	0	19.12	19.24	18.83	21.00		
10	256QAM	1	0	17.20	17.07	16.99	19.00		
		1	25	17.10	17.15	16.83	19.00		
		1	49	17.15	17.29	16.98	19.00		
5	QPSK	12	0	19.64	19.68	19.47	21.60		
		12	7	19.42	19.57	19.38	21.60		
		12	13	19.40	19.61	19.39	21.60		
5	16QAM	25	0	19.65	19.62	19.54	21.60		
		1	0	19.46	19.47	19.48	21.60		
		1	12	19.46	19.59	19.40	21.60		
5	256QAM	1	24	19.47	19.47	19.54	21.60		
		12	0	19.44	19.50	19.44	21.60		
		12	7	19.62	19.64	19.44	21.60		
5	256QAM	12	13	19.53	19.55	19.50	21.60		
		1	0	19.52	19.49	19.50	21.60		
		1	12	19.53	19.62	19.39	21.60		
5	64QAM	1	24	19.57	19.53	19.51	21.60		
		12	0	19.13	19.26	19.02	21.00		
		12	7	18.97	19.40	19.17	21.00		
5	256QAM	12	13	19.04	19.42	19.12	21.00		
		25	0	19.04	19.35	18.79	21.00		
		1	0	17.13	17.03	16.90	19.00		
5	256QAM	1	12	17.07	17.29	16.86	19.00		
		1	24	17.04	17.20	17.08	19.00		
		12	0	16.92	17.15	17.08	19.00		
5	256QAM	12	7	17.26	17.18	16.95	19.00		
		12	13	17.29	17.33	17.19	19.00		
		25	0	16.84	17.28	17.04	19.00		

<LTE Band 42 (96)_Ant 5_EC14>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)		
Channel				43190	43240	43490			
Frequency (MHz)				3650	3675	3690			
20	QPSK	1	0	22.07	22.46	22.18	24.00		
		1	49	22.12	22.17	22.09	24.00		
		1	99	22.06	22.25	22.08	24.00		
20	QPSK	50	0	21.11	21.31	21.10	23.00		
		50	24	21.07	21.28	21.12	23.00		
		50	50	21.10	21.28	21.18	23.00		
20	16QAM	100	0	21.08	21.10	21.05	23.00		
		1	0	20.96	20.97	20.99	23.00		
		1	49	21.08	21.36	21.10	23.00		
20	16QAM	1	99	21.16	21.33	21.14	23.00		
		50	0	19.93	20.29	20.11	22.00		
		50	24	20.11	20.18	20.17	22.00		
20	64QAM	50	50	20.02	20.22	20.02	22.00		
		100	0	20.15	20.26	20.12	22.00		
		1	0	20.00	20.61	19.93	22.00		
20	64QAM	1	49	20.09	19.82	19.82	22.00		
		1	99	19.97	19.99	19.87	22.00		
		50	0	19.07	19.20	19.08	21.00		
20	256QAM	50	24	19.04	19.36	19.23	21.00		
		50	50	18.98	19.37	19.19	21.00		
		100	0	19.11	19.28	18.87	21.00		
20	256QAM	1	0	17.11	17.06	16.98	19.00		
		1	49	17.01	17.23	16.80	19.00		
		1	99	17.07	17.18	17.01	19.00		
20	256QAM	36	0	16.99	17.26	17.18	19.00		
		36	24	17.22	17.26	17.06	19.00		
		36	39	17.24	17.30	17.29	19.00		
20	256QAM	100	0	16.95	17.35	17.05	19.00		
		Channel				43165	43340	43515	
		Frequency (MHz)				3657.5	3675	3692.5	Tune-up Limit (dBm)
15	QPSK	1	0	22.16	22.34	22.17	24.00		
		1	37	22.15	22.13	22.10	24.00		
		1	74	22.02	22.16	22.16	24.00		
15	QPSK	36	0	21.14	21.33	20.99	23.00		
		36	20	21.02	21.20	21.07	23.00		
		36	39	21.00	21.18	21.11	23.00		
15	16QAM	75	0	21.14	21.01	21.07	23.00		
		1	0	20.90	20.84	20.95	23.00		
		1	37	21.06	21.10	21.07	23.00		
15	16QAM	1	74	21.09	21.28	21.02	23.00		
		36	0	19.98	20.38	20.12	22.00		
		36	20	20.05	20.25	20.11	22.00		
15	64QAM	36	39	20.09	20.28	19.92	22.00		
		75	0	20.04	20.31	20.20	22.00		
		1	0	20.04	20.62	19.88	22.00		
15	64QAM	1	37	20.05	19.72	19.83	22.00		
		1	74	19.93	19.94	19.83	22.00		
		36	0	18.96	19.20	19.17	21.00		
15	256QAM	36	20	18.94	19.32	19.17	21.00		
		36	39	19.03	19.44	19.20	21.00		
		75	0	19.14	19.36	18.92	21.00		
15	256QAM	1	0	17.15	17.00	17.01	19.00		
		1	37	16.89	17.14	16.76	19.00		
		1	74	17.13	17.24	16.89	19.00		
15	256QAM	25	0	16.89	17.34	17.08	19.00		
		25	12	17.16	17.17	16.94	19.00		
		25	39	17.34	17.32	17.23	19.00		
15	256QAM	75	0	16.83	17.44	16.92	19.00		
		Channel				43140	43340	43540	
		Frequency (MHz)				3655	3675	3695	Tune-up Limit (dBm)
10	QPSK	1	0	22.15	22.40	22.23	24.00		
		1	25	22.18	22.05	22.09	24.00		
		1	49	22.13	22.16	22.10	24.00		
10	QPSK	25	0	21.12	21.27	20.98	23.00		
		25	12	21.12	21.29	21.03	23.00		
		25	25	21.18	21.32	21.24	23.00		
10	16QAM	50	0	21.04	21.06	21.13	23.00		
		1	0	20.87	20.86	20.87	23.00		
		1	25	21.17	21.41	21.10	23.00		
10	16QAM	1	49	21.25	21.34	21.10	23.00		
		25	0	19.98	20.22	20.07	22.00		
		25	12	20.03	20.23	20.17	22.00		
10	64QAM	25	25	19.92	20.13	20.12	22.00		
		50	0	20.19	20.19	20.18	22.00		
		1	0	19.89	20.65	19.93	22.00		
10	64QAM	1	25	20.12	19.84	19.85	22.00		
		1	49	19.92	20.06	19.87	22.00		
		25	0	19.01	19.16	19.17	21.00		
10	256QAM	25	12	19.03	19.41	19.33	21.00		
		25	25	19.02	19.31	19.22	21.00		
		50	0	19.12	19.24	18.83	21.00		
10	256QAM	1	0	17.20	17.07	16.99	19.00		
		1	25	17.10	17.15	16.83	19.00		
		1	49	17.15	17.29	16.98	19.00		
10	256QAM	25	0	16.94	17.27	17.09	19.00		
		25	12	17.29	17.30	17.05	19.00		
		25	25	17.13	17.25	17.34	19.00		
10	256QAM	50	0	17.03	17.29	16.98	19.00		
		Channel				43135	43340	43555	
		Frequency (MHz)				3662.5	3675	3697.5	Tune-up Limit (dBm)
5	QPSK	1	0	22.09	22.43	22.22	24.00		
		1	12	22.04	22.16	22.11	24.00		
		1	24	22.15	22.27	22.13	24.00		
5	QPSK	12	0	21.07	21.37	21.15	23.00		
		12	7	21.07	21.32	20.99	23.00		
		12	13	21.19	21.35	21.23	23.00		
5	16QAM	25	0	21.05	21.03	21.13	23.00		
		1	0	20.96	20.93	20.99	23.00		
		1	12	21.13	21.28	21.11	23.00		
5	16QAM	1	24	21.25	21.34	21.21	23.00		
		12	0	20.02	20.18	20.02	22.00		
		12	7	20.19	20.27	20.21	22.00		
5	64QAM	12	13	20.09	20.09	19.90	22.00		
		25	0	20.14	20.19	20.13	22.00		
		1	0	20.02	20.70	20.00	22.00		
5	256QAM	1	12	20.01	19.85	19.87	22.00		
		1	24	19.98	19.97	19.98	22.00		
		12	0	19.13	19.26	19.02	21.00		
5	256QAM	12	7	18.97	19.40	19.17	21.00		
		12	13	19.04	19.42	19.12	21.00		
		25	0	19.04	19.35	18.79	21.00		
5	256QAM	1	0	17.13	17.03	16.90	19.00		
		1	12	17.07	17.29	16.85	19.00		
		1	24	17.04	17.20	17.08	19.00		
5	256QAM	12	0	16.92	17.15	17.08	19.00		
		12	7	17.26	17.18	16.95	19.00		
		12	13	17.29	17.33	17.19	19.00		
5	256QAM	25	0	16.84	17.28	17.04	19.00		

<FR1 n77 (27Q)_Ant 5_Head P-max>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	15.03	15.37	15.19	16.00
100		1	137	15.07	15.23	15.25	16.00
100		1	271	14.92	15.32	15.25	16.00
100		135	0	15.08	15.10	15.16	16.00
100		135	69	14.82	15.21	15.18	16.00
100		135	138	14.82	15.07	15.08	16.00
100		270	0	14.96	15.27	15.07	16.00
100		1	1	14.95	15.22	15.19	16.00
100		1	137	14.92	15.17	15.16	16.00
100		1	271	14.87	15.24	15.23	16.00
100	QPSK	135	0	15.06	15.05	15.25	16.00
100		135	69	14.85	15.20	15.22	16.00
100		135	138	14.87	15.10	15.01	16.00
100		270	0	15.07	15.31	15.1	16.00
100	16QAM	1	1	15.04	15.16	15.04	16.00
100	64QAM	1	1	14.87	15.31	15.18	16.00
100	256QAM	1	1	15.02	15.24	15.04	16.00
Channel							
Frequency (MHz)				64959.8	65000	65033.3	
90	Pi/2 BPSK	1	1	14.99	15.16	15.10	16.00
Channel							
Frequency (MHz)				649334	65000	65066	
80	Pi/2 BPSK	1	1	15.04	15.23	15.21	16.00
Channel							
Frequency (MHz)				649005	65000	65000	
70	Pi/2 BPSK	1	1	14.91	15.34	15.14	16.00
Channel							
Frequency (MHz)				648668	65000	650332	
60	Pi/2 BPSK	1	1	14.98	15.05	15.06	16.00
Channel							
Frequency (MHz)				648334	65000	65066	
50	Pi/2 BPSK	1	1	14.90	15.32	15.22	16.00
Channel							
Frequency (MHz)				648000	65000	65000	
40	Pi/2 BPSK	1	1	15.02	15.22	15.21	16.00
Channel							
Frequency (MHz)				647668	65000	650332	
30	Pi/2 BPSK	1	1	14.90	15.29	15.02	16.00
Channel							
Frequency (MHz)				647500	65000	65000	
25	Pi/2 BPSK	1	1	15.01	15.31	15.29	16.00
Channel							
Frequency (MHz)				647234	65000	65066	
20	Pi/2 BPSK	1	1	14.85	15.07	15.18	16.00
Channel							
Frequency (MHz)				647168	65000	650332	
15	Pi/2 BPSK	1	1	14.82	15.04	15.05	16.00
Channel							
Frequency (MHz)				647050	65000	65000	
10	Pi/2 BPSK	1	1	14.86	15.20	15.12	16.00

<FR1 n78 (27Q)_Ant 5_Head P-max>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)					3750		
100	Pi/2 BPSK	1	1		15.34		16.00
100		1	137		15.13		16.00
100		1	271		15.08		16.00
100		135	0		15.22		16.00
100		135	69		14.99		16.00
100		135	138		15.21		16.00
100		270	0		15.15		16.00
100		1	1		15.21		16.00
100		1	137		15.23		16.00
100		1	271		14.95		16.00
100	QPSK	135	0		15.09		16.00
100		135	69		15.17		16.00
100		135	138		15.07		16.00
100		270	0		15.23		16.00
100	16QAM	1	1		15.13		16.00
100	64QAM	1	1		15.19		16.00
100	256QAM	1	1		15.01		16.00
Channel							
Frequency (MHz)				648668		650332	
90	Pi/2 BPSK	1	1	14.99	14.95	15.00	16.00
Channel							
Frequency (MHz)				648334	65000	65066	
80	Pi/2 BPSK	1	1	14.90	15.21	15.06	16.00
Channel							
Frequency (MHz)				648000	65000	651000	
70	Pi/2 BPSK	1	1	14.98	15.19	14.95	16.00
Channel							
Frequency (MHz)				648668	65000	651332	
60	Pi/2 BPSK	1	1	14.85	15.17	14.97	16.00
Channel							
Frequency (MHz)				648334	65000	651666	
50	Pi/2 BPSK	1	1	14.97	15.24	14.97	16.00
Channel							
Frequency (MHz)				648000	65000	652000	
40	Pi/2 BPSK	1	1	14.95	15.10	15.00	16.00
Channel							
Frequency (MHz)				647668	65000	652332	
30	Pi/2 BPSK	1	1	15.00	15.00	15.03	16.00
Channel							
Frequency (MHz)				647500	65000	652500	
25	Pi/2 BPSK	1	1	14.73	15.05	15.19	16.00
Channel							
Frequency (MHz)				647334	65000	652666	
20	Pi/2 BPSK	1	1	14.90	14.97	14.94	16.00
Channel							
Frequency (MHz)				647168	65000	652832	
15	Pi/2 BPSK	1	1	14.85	15.11	15.10	16.00
Channel							
Frequency (MHz)				647000	65000	653000	
10	Pi/2 BPSK	1	1	14.72	15.18	15.15	16.00

<FR1 n77 (27Q)_Ant 5_Head P-max>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)					3499.98		
100	Pi/2 BPSK	1	1		15.27		16.00
100		1	137		15.11		16.00
100		1	271		15.15		16.00
100		135	0		15.18		16.00
100		135	69		15.11		16.00
100		135	138		15.03		16.00
100		270	0		15.15		16.00
100		1	1		15.03		16.00
100		1	137		15.10		16.00
100		1	271		15.24		16.00
100	QPSK	135	0		15.17		16.00
100		135	69		14.97		16.00
100		135	138		14.98		16.00
100		270	0		15.02		16.00
100	16QAM	1	1		15.20		16.00
100	64QAM	1	1		14.95		16.00
100	256QAM	1	1		15.20		16.00
Channel							
Frequency (MHz)				632000		63366	
90	Pi/2 BPSK	1	1	14.73	15.12	15.06	16.00
Channel							
Frequency (MHz)				631668	63332	634000	
80	Pi/2 BPSK	1	1	14.83	15.16	15.14	16.00
Channel							
Frequency (MHz)				631334	63332	634332	
70	Pi/2 BPSK	1	1	14.89	15.22	15.17	16.00
Channel							
Frequency (MHz)				631000	63332	634666	
60	Pi/2 BPSK	1	1	14.87	15.09	15.07	16.00
Channel							
Frequency (MHz)				631668	63332	635000	
50	Pi/2 BPSK	1	1	14.91	15.11	14.93	16.00
Channel							
Frequency (MHz)				631334	63332	635332	
40	Pi/2 BPSK	1	1	14.88	15.05	15.01	16.00
Channel							
Frequency (MHz)				631000	63332	635666	
30	Pi/2 BPSK	1	1	14.79	14.99	15.00	16.00
Channel							
Frequency (MHz)				630668	63332	635832	
25	Pi/2 BPSK	1	1	14.83	14.98	15.11	16.00
Channel							
Frequency (MHz)				630334	63332	636000	
20	Pi/2 BPSK	1	1	14.89	15.09	15.04	16.00
Channel							
Frequency (MHz)				630000	63332	636166	
15	Pi/2 BPSK	1	1	14.79	15.24	14.93	16.00
Channel							
Frequency (MHz)				630334	63332	636332	
10	Pi/2 BPSK	1	1	14.73	15.07	15.16	16.00

<FR1 n78 (27Q)_Ant 5_Head P-max>

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	3499.98		
Frequency (MHz)							
100	Pi/2 BPSK	1	1		15.31		16.00
100		1	137		15.19		16.00
100		1	271		15.15		16.00
100		135	0		15.18		16.00
100		135	69		14.95		16.00
100		135	138		15.14		16.00
100		270	0		14.99		16.00
100		1	1		15.01		16.00
100		1	137		15.01		16.00
100		1	271		14.95		16.00
100	QPSK	135	0		15.01		16.00
100		135	69		15.08		16.00
100		135	138		15.24		16.00
100		270	0		15.20		16.00
100	16QAM	1	1		15.08		16.00
100	64QAM	1	1		14.99		16.00
100	256QAM	1	1		15.17		16.00
Channel				633090	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	23.14	23.20	23.02	16.00
Channel				632688	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	23.11	23.18	22.98	16.00
Channel				632334	633332	634332	
Frequency (MHz)				3465.61	3499.98	3514.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	23.10	23.14	23.14	16.00
Channel				632000	633332	634666	
Frequency (MHz)				3460	3499.98	3519.99	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	23.20	23.19	23.09	16.00
Channel				631688	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	23.09	23.16	23.07	16.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	23.18	23.11	23.00	16.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	23.08	23.25	23.00	16.00
Channel				630834	633332	635832	
Frequency (MHz)				3462.61	3499.98	3537.48	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	23.00	23.00	23.00	16.00
Channel				630688	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	23.05	23.13	22.99	16.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	23.01	23.21	23.11	16.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.61	3499.98	3544.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	23.15	23.14	23.15	16.00

<FR1 n38_Ant 4_Head P-max>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				518000	518000	520000	Tune-up Limit (dBm)
Frequency (MHz)				20.00	20.05	20.10	
40	Pi/2 BPSK	1	1	20.07	20.32	20.17	21.00
40		1	53	20.21	20.27	20.23	21.00
40		1	104	20.12	20.14	20	21.00
40		50	0	20.15	20.15	20.04	21.00
40		50	28	20.01	20.30	20.1	21.00
40		50	56	20.08	20.26	20.12	21.00
40		100	0	20.09	20.12	20.1	21.00
40		1	1	20.24	20.28	20.16	21.00
40		1	13	19.99	20.05	20.14	21.00
40		1	104	20.27	20.19	20.09	21.00
40	QPSK	50	0	20.02	20.18	20.02	21.00
40		50	28	20.19	20.31	20.11	21.00
40		50	56	20.19	20.14	20.09	21.00
40		100	0	20.05	20.22	20.02	21.00
40	16QAM	1	1	20.08	20.15	19.96	21.00
40		1	1	20.13	20.20	20.16	21.00
40	256QAM	1	1	18.13	18.19	18.09	19.90
Channel				517000	519000	521000	Tune-up Limit (dBm)
Frequency (MHz)				20.03	20.05	20.05	
30	Pi/2 BPSK	1	1	20.16	20.28	19.97	21.00
Channel				518500	519000	521500	Tune-up Limit (dBm)
Frequency (MHz)				2582.5	2595	2607.5	
25	Pi/2 BPSK	1	1	20.15	20.18	20.14	21.00
Channel				516500	519000	522000	Tune-up Limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	Pi/2 BPSK	1	1	20.07	20.19	20.17	21.00
Channel				515500	519000	522500	Tune-up Limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
10	Pi/2 BPSK	1	1	20.05	20.15	19.95	21.00
Channel				515000	519000	523000	Tune-up Limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	Pi/2 BPSK	1	1	20.00	20.24	20.17	21.00

<FR1 n41_Ant 4_Head P-max>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				508000	518598	528000	Tune-up Limit (dBm)
Frequency (MHz)				2046.01	2062.59	2060	
100	Pi/2 BPSK	1	1	20.15	20.41	20.19	21.00
100		1	137	20.01	20.13	20.01	21.00
100		1	271	20.23	20.10	19.96	21.00
100		135	0	20.03	20.25	20	21.00
100		135	69	20.08	20.37	20.1	21.00
100		135	138	20.06	20.28	19.97	21.00
100		270	0	20.1	20.26	20.11	21.00
100		1	1	20.16	20.07	20.21	21.00
100		1	137	19.99	20.32	20.24	21.00
100		1	271	20.08	20.15	20.12	21.00
100	QPSK	135	0	20.11	20.05	20.07	21.00
100		135	69	20.08	20.12	20.09	21.00
100		135	138	19.99	20.25	20	21.00
100		270	0	20.27	20.32	19.95	21.00
100	16QAM	1	1	20.11	20.32	20.07	21.00
100	64QAM	1	1	20.04	20.21	20.14	21.00
100	256QAM	1	1	17.82	18.19	18.08	19.90
Channel				508200	518598	528098	Tune-up Limit (dBm)
Frequency (MHz)				2047	2062.59	2064.58	
90	Pi/2 BPSK	1	1	20.02	20.28	20.00	21.00
Channel				507204	518598	528098	Tune-up Limit (dBm)
Frequency (MHz)				2536.02	2592.59	2649.99	
80	Pi/2 BPSK	1	1	20.12	20.15	20.21	21.00
Channel				506202	518598	531000	Tune-up Limit (dBm)
Frequency (MHz)				2531.01	2592.59	2655	
70	Pi/2 BPSK	1	1	20.00	20.29	20.21	21.00
Channel				505200	518598	531998	Tune-up Limit (dBm)
Frequency (MHz)				2523	2592.59	2659.95	
60	Pi/2 BPSK	1	1	20.16	20.33	19.98	21.00
Channel				504204	518598	532998	Tune-up Limit (dBm)
Frequency (MHz)				2521.52	2592.59	2664.99	
50	Pi/2 BPSK	1	1	20.20	20.23	20.19	21.00
Channel				503700	518598	533498	Tune-up Limit (dBm)
Frequency (MHz)				2518.5	2592.59	2667.48	
45	Pi/2 BPSK	1	1	20.23	20.05	19.94	21.00
Channel				503202	518598	534000	Tune-up Limit (dBm)
Frequency (MHz)				2516.01	2592.59	2670	
40	Pi/2 BPSK	1	1	20.08	20.08	20.14	21.00
Channel				502704	518598	534498	Tune-up Limit (dBm)
Frequency (MHz)				2513.52	2592.59	2672.49	
35	Pi/2 BPSK	1	1	20.17	20.20	20.11	21.00
Channel				502200	518598	534998	Tune-up Limit (dBm)
Frequency (MHz)				2511	2592.59	2674.98	
30	Pi/2 BPSK	1	1	20.20	20.22	20.08	21.00
Channel				501702	518598	535500	Tune-up Limit (dBm)
Frequency (MHz)				2508.51	2592.59	2677.5	
25	Pi/2 BPSK	1	1	20.02	20.12	19.94	21.00
Channel				501204	518598	535998	Tune-up Limit (dBm)
Frequency (MHz)				2506.02	2592.59	2679.99	
20	Pi/2 BPSK	1	1	20.21	20.05	19.99	21.00
Channel				500700	518598	536498	Tune-up Limit (dBm)
Frequency (MHz)				2503.5	2592.59	2682.48	
15	Pi/2 BPSK	1	1	20.00	20.22	20.23	21.00
Channel				500202	518598	537000	Tune-up Limit (dBm)
Frequency (MHz)				2501.01	2592.59	2685	
10	Pi/2 BPSK	1	1	20.19	20.24	19.94	21.00

<FR1 n2_Ant 0_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				314000	316000	318000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1890	1890	
40	Pi/2 BPSK	1	1	22.24	22.57	22.42	24.00
40		108	54	22.47	22.56	22.51	24.00
40		216	0	21.87	21.94	21.91	23.50

<FR1 n5_Ant 0_Default>

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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				168000	167200	168800	Tune-up Limit (dBm)
Frequency (MHz)				824	826.5	828	
20	Pi/2 BPSK	1	1	22.46	22.54	22.44	24.00
20		60	28	22.34	22.49	22.27	24.00
20		100	0	21.84	21.96	21.76	23.50

<FR1 n26_Ant 0_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				168000	168300	168600	Tune-up Limit (dBm)
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	22.42	22.58	22.47	24.00
20		60	28	22.37	22.48	22.40	24.00
20		100	0	21.87	22.03	21.95	23.50

<FR1 n66_Ant 0_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				360000	360000	361500	Tune-up Limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	22.50	22.64	22.54	24.00
45		120	60	22.36	22.60	22.44	24.00
45		240	0	21.85	22.06	21.95	23.50

<FR1 n77 (270)_Ant 5_Default>

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	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3350	3400	3330	
100	Pi/2 BPSK	1	1	22.78	23.04	23.02	24.00
100		135	69	22.48	22.88	22.79	24.00
100		270	0	21.99	22.38	22.34	23.50

<FR1 n78 (270)_Ant 5_Default>

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	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3350	3350	3350	
100	Pi/2 BPSK	1	1	22.97	22.97	22.97	24.00
100		135	0	22.81	22.81	22.81	23.50
100		270	0	22.27	22.27	22.27	23.50

<FR1 n7_Ant 1_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				550000	550000	550000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	Pi/2 BPSK	1	1	22.57	23.14	22.77	24.00
50		135	68	22.75	23.12	22.89	24.00
50		270	0	22.16	22.61	22.64	23.50

<FR1 n2_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				314000	314000	316000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	Pi/2 BPSK	1	1	21.03	21.05	20.99	22.00
40		108	54	20.95	21.01	20.84	22.00
40		216	0	20.36	20.51	20.31	21.50

<FR1 n5_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				164500	167300	167600	
Frequency (MHz)				834	836.5	839	
20	Pi/2 BPSK	1	1	22.52	22.55	22.51	24.00
20		50	28	22.45	22.56	22.48	24.00
20		100	0	21.83	21.98	21.88	23.50

<FR1 n26_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				164500	167300	167600	
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	22.51	22.55	22.57	24.00
20		50	28	22.43	22.55	22.42	24.00
20		100	0	22.01	22.11	22.05	23.50

<FR1 n66_Ant 4_Default>

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	345500	345500	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	21.18	21.25	21.04	22.00
45		120	60	21.11	21.15	21.17	22.00
45		240	0	20.68	20.64	20.53	21.50

<FR1 n38_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	22.96	23.00	22.97	24.00
40		50	28	22.86	22.95	22.90	24.00
40		100	0	22.29	22.44	22.30	23.50

<FR1 n41_Ant 4_Default>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				505002	516598	520000	
Frequency (MHz)				2548.01	2592.99	2640	
100	Pi/2 BPSK	1	1	22.85	23.01	22.98	24.00
100		135	69	22.72	22.99	22.91	24.00
100		270	0	22.13	22.44	22.36	23.50

<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	Pi/2 BPSK	1	1	22.34	22.57	22.42	24.00
40		108	54	22.47	22.56	22.51	24.00
40		216	0	21.87	21.94	21.91	23.50

<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				160500	167300	167800	
Frequency (MHz)				834	836.5	839	
20	Pi/2 BPSK	1	1	22.46	22.54	22.44	24.00
20		60	28	22.34	22.49	22.27	24.00
20		100	0	21.84	21.96	21.76	23.50

<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				164400	166300	167800	
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	22.42	22.58	22.47	24.00
20		60	28	22.37	22.48	22.40	24.00
20		100	0	21.87	22.03	21.86	23.50

<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	349500	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	22.52	22.64	22.54	24.00
45		120	60	22.36	22.60	22.44	24.00
45		240	0	21.85	22.06	21.95	23.50

<FR1 n77 (270)_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	656000	662000	
Frequency (MHz)				3250	3440	3630	
100	Pi/2 BPSK	1	1	13.40	13.42	13.39	14.00
100		135	69	13.38	13.43	13.33	14.00
100		270	0	13.35	13.31	13.34	14.00

<FR1 n78 (270)_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	655000	660000	
Frequency (MHz)				3250	3350	3450	
100	Pi/2 BPSK	1	1	13.41	13.41	13.41	14.00
100		135	0	13.42	13.42	13.42	14.00
100		270	0	13.38	13.38	13.38	14.00

<FR1 n7_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	661000	669000	
Frequency (MHz)				3255	3535	3645	
50	Pi/2 BPSK	1	1	22.87	23.14	22.77	24.00
50		135	68	22.88	23.12	22.71	24.00
50		270	0	22.48	22.61	22.26	23.50

<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	379000	385000	
Frequency (MHz)				1870	1880	1890	
40	Pi/2 BPSK	1	1	14.28	14.37	14.16	15.70
40		108	54	14.16	14.32	14.26	15.70
40		216	0	14.07	14.22	14.14	15.70

<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				166500	167300	167800	
Frequency (MHz)				824	836.5	839	
20	Pi/2 BPSK	1	1	22.92	22.95	22.91	24.00
20		50	28	22.45	22.56	22.48	24.00
20		100	0	21.83	21.98	21.88	23.50

<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				164500	165300	165800	
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	22.51	22.58	22.57	24.00
20		50	28	22.43	22.55	22.42	24.00
20		100	0	22.01	22.11	22.05	23.50

<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	348000	349500	
Frequency (MHz)				1732.5	1743	1757.5	
45	Pi/2 BPSK	1	1	15.71	15.77	15.74	17.20
45		120	60	15.60	15.71	15.50	17.20
45		240	0	15.56	15.69	15.45	17.20

<FR1 n38_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				518500	519500	520500	
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	17.23	17.27	17.22	18.50
40		50	28	17.16	17.25	17.15	18.50
40		100	0	16.99	17.24	16.94	18.50

<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	Pi/2 BPSK	1	1	17.15	17.24	16.99	18.50
100		135	69	16.87	17.07	16.77	18.50
100		270	0	16.68	16.99	16.73	18.50

<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	21.10
Frequency (MHz)				1870	1880	1890	
40	Pi/2 BPSK	1	1	19.36	19.57	19.40	
40		108	54	19.33	19.51	19.43	21.10
40		216	0	19.10	19.45	19.23	21.10

<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				166200	167200	167800	24.00
Frequency (MHz)				834	836.5	836	
20	Pi/2 BPSK	1	1	22.46	22.54	22.44	
20		50	25	22.34	22.49	22.27	24.00
20		100	0	21.84	21.56	21.76	23.50

<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				154800	166200	167800	24.00
Frequency (MHz)				804	831.5	836	
20	Pi/2 BPSK	1	1	22.42	22.58	22.47	
20		50	25	22.37	22.48	22.40	24.00
20		100	0	21.87	22.03	21.95	23.50

<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	346000	351500	19.70
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	19.18	19.53	19.47	
45		120	60	19.07	19.51	19.37	19.70
45		240	0	19.10	19.48	19.34	19.70

<FR1 n77 (270)_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				650000	656000	662000	17.10
Frequency (MHz)				3250	3445	3630	
100	Pi/2 BPSK	1	1	15.47	15.57	15.55	
100		135	69	15.44	15.47	15.45	17.10
100		270	0	15.39	15.48	15.42	17.10

<FR1 n77 (270)_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				650000	656000	662000	17.10
Frequency (MHz)				3250	3445	3630	
100	Pi/2 BPSK	1	1	15.47	15.57	15.55	
100		135	0	15.44	15.47	15.45	17.10
100		270	0	15.39	15.48	15.42	17.10

<FR1 n7_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				500000	501000	505000	21.90
Frequency (MHz)				2500	2505	2525	
50	Pi/2 BPSK	1	1	21.02	21.15	20.94	
50		135	68	20.97	21.14	21.01	21.90
50		270	0	21.07	21.13	20.98	21.90

<FR1 n2_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				316000	316000	316000	17.10
Frequency (MHz)				1580	1580	1580	
40	Pi/2 BPSK	1	1	15.55	15.55	15.77	
40		108	54	15.77	15.75	15.65	17.10
40		216	0	15.70	15.81	15.61	17.10

<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)			824	834.5	839	
20		1	1	22.52	22.56	22.51	24.00
20	Pl2 BPSK	50	26	22.45	22.56	22.48	24.00
20		100	0	21.83	21.98	21.88	23.50

<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			164800	165300	165800	
	Frequency (MHz)			824	831.5	839	
20		1	1	22.51	22.58	22.57	24.00
20	Pl2 BPSK	50	26	22.43	22.55	22.42	24.00
20		100	0	22.01	22.11	22.05	23.50

<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	346900	347300	
	Frequency (MHz)			1732.5	1745	1757.5	
45		1	1	18.15	18.28	18.05	19.90
45	Pl2 BPSK	120	60	17.80	18.12	18.09	19.90
45		240	0	17.94	18.09	17.93	19.90

<FR1 n38_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			516000	516500	517000	
	Frequency (MHz)			2580	2595	2610	
40		1	1	16.55	16.73	16.56	17.80
40	Pl2 BPSK	50	26	16.48	16.68	16.61	17.80
40		100	0	16.46	16.62	16.62	17.80

<FR1 n2_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				3194000	3195000	3196000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	22.24	22.57	22.42	24.00
40		108	54	22.47	22.56	22.51	24.00
40		216	0	21.87	21.94	21.91	23.50

<FR1 n5_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				1658000	1659200	1660400	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
20	PI2 BPSK	1	1	22.46	22.54	22.44	24.00
20		50	28	22.34	22.49	22.27	24.00
20		100	0	21.84	21.96	21.76	23.50

<FR1 n26_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				1648000	1649200	1650400	Tune-up Limit (dBm)
Frequency (MHz)				824	831.5	839	
20	PI2 BPSK	1	1	22.42	22.58	22.47	24.00
20		50	28	22.37	22.48	22.40	24.00
20		100	0	21.87	22.03	21.95	23.50

<FR1 n66_Ant 0_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				3450000	3450000	3515000	Tune-up Limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	PI2 BPSK	1	1	22.52	22.64	22.54	24.00
45		120	60	22.36	22.60	22.44	24.00
45		240	0	21.85	22.06	21.95	23.50

<FR1 n77 (270)_Ant 5_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				6500000	6500000	6620000	Tune-up Limit (dBm)
Frequency (MHz)				3250	3260	3300	
100	PI2 BPSK	1	1	22.78	23.04	23.02	24.00
100		135	69	22.48	22.88	22.79	24.00
100		270	0	21.99	22.38	22.34	23.50

<FR1 n78 (270)_Ant 5_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				6500000	6500000	6620000	Tune-up Limit (dBm)
Frequency (MHz)				3250	3260	3300	
100	PI2 BPSK	1	1	22.57	22.57	22.57	24.00
100		135	0	22.81	22.81	22.81	23.50
100		270	0	22.27	22.27	22.27	23.50

<FR1 n7_Ant 1_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				5090000	5090000	5090000	Tune-up Limit (dBm)
Frequency (MHz)				2525	2535	2545	
50	PI2 BPSK	1	1	22.57	23.14	22.77	24.00
50		135	68	22.75	23.12	22.89	24.00
50		270	0	22.16	22.61	22.64	23.50

<FR1 n2_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				3140000	3160000	3180000	Tune-up Limit (dBm)
Frequency (MHz)				1870	1880	1890	
40	PI2 BPSK	1	1	21.63	21.05	20.99	22.00
40		108	54	20.95	21.01	20.84	22.00
40		216	0	20.36	20.51	20.31	21.50

<FR1 n5_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				165400	167300	167800	Tune-up Limit (dBm)
Frequency (MHz)				834	836.5	839	
25	Pi/2 BPSK	1	1	22.02	22.06	22.51	24.00
20		50	28	22.45	22.56	22.48	24.00
20		100	0	21.83	21.98	21.88	23.50

<FR1 n26_Ant 4_ECI 4>

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	166200	167600	Tune-up Limit (dBm)
Frequency (MHz)				824	831.5	839	
25	Pi/2 BPSK	1	1	22.51	22.58	22.57	24.00
20		50	28	22.43	22.55	22.42	24.00
20		100	0	22.01	22.11	22.06	23.50

<FR1 n66_Ant 4_ECI 4>

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	346000	351000	Tune-up Limit (dBm)
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	21.18	21.25	21.04	22.00
45		120	60	21.11	21.15	21.17	22.00
45		240	0	20.69	20.64	20.53	21.50

<FR1 n38_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				518000	518000	520000	Tune-up Limit (dBm)
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	22.96	23.00	22.97	24.00
40		50	28	22.86	22.95	22.90	24.00
45		100	0	22.29	22.44	22.30	23.50

<FR1 n41_Ant 4_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up Limit (dBm)
Channel				800002	816008	828009	Tune-up Limit (dBm)
Frequency (MHz)				2546.81	2592.99	2640	
100	Pi/2 BPSK	1	1	22.85	23.01	22.96	24.00
100		135	69	22.72	22.99	22.91	24.00
100		270	0	22.13	22.44	22.36	23.50

<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	23.10
Frequency (MHz)				1870	1880	1890	
40	Pi/2 BPSK	1	1	22.24	22.57	22.42	
40		108	54	22.47	22.56	22.51	
40		216	0	21.87	21.94	21.91	

<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				168200	167200	167800	24.00
Frequency (MHz)				834	836.5	836	
20	Pi/2 BPSK	1	1	22.46	22.54	22.44	
20		50	25	22.34	22.49	22.27	
20		100	0	21.84	21.96	21.76	

<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				154800	166200	167800	24.00
Frequency (MHz)				804	831.5	836	
20	Pi/2 BPSK	1	1	22.42	22.58	22.47	
20		50	25	22.37	22.48	22.40	
20		100	0	21.87	22.03	21.95	

<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				346000	346000	351000	22.50
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	21.78	21.97	21.91	
45		120	60	21.74	21.83	21.87	
45		240	0	21.77	21.79	21.71	

<FR1 n77 (270)_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				650000	656000	662000	20.80
Frequency (MHz)				3250	3345	3365	
100	Pi/2 BPSK	1	1	19.00	19.57	19.40	
100		135	68	19.37	19.41	19.42	
100		270	0	19.41	19.40	19.41	

<FR1 n78 (270)_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				650000	650000		20.80
Frequency (MHz)					3250		
100	Pi/2 BPSK	1	1		19.51		
100		135	0		19.47		
100		270	0		19.23		

<FR1 n7_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				500000	501000	505000	22.80
Frequency (MHz)				2500	2505	2545	
50	Pi/2 BPSK	1	1	21.76	21.82	21.85	
50		135	68	21.67	21.69	21.74	
50		270	0	21.71	21.73	21.67	

<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				316000	316000	319000	19.70
Frequency (MHz)				1570	1580	1590	
40	Pi/2 BPSK	1	1	17.97	18.32	18.31	
40		108	54	18.24	18.25	18.14	
40		216	0	18.16	18.23	18.19	

<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				166400	167300	167800	24.00
Frequency (MHz)				824	836.5	839	
20	Pi/2 BPSK	1	1	22.52	22.54	22.51	
25		50	25	22.45	22.56	22.48	
20		100	0	21.83	21.98	21.88	

<FR1 n26_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				164800	165300	167800	24.00
Frequency (MHz)				824	831.5	836	
20	Pi/2 BPSK	1	1	22.51	22.58	22.57	
20		50	25	22.43	22.55	22.42	
20		100	0	22.01	22.11	22.05	

<FR1 n66_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				346500	346800	351500	20.70
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	19.70	19.83	19.80	
45		120	60	19.74	19.64	19.77	
45		240	0	19.81	19.62	19.69	

<FR1 n38_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				518500	519000	520500	21.40
Frequency (MHz)				2590	2595	2600	
40	Pi/2 BPSK	1	1	20.65	20.69	20.61	
40		50	25	20.62	20.68	20.57	
40		100	0	20.67	20.66	20.62	

<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				509252	518598	528000	21.40
Frequency (MHz)				2546.261	2592.99	2640	
100	Pi/2 BPSK	1	1	20.52	20.57	20.38	
100		135	68	20.42	20.52	20.51	
100		270	0	20.32	20.40	20.42	

<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)				1810	1860	1890	
40	Pi/2 BPSK	1	1	18.24	19.27	18.21	
40		108	54	17.81	18.03	17.87	
40		216	0	17.77	17.90	17.82	

<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				168200	167200	167800	
Frequency (MHz)				834	836.5	836	
20	Pi/2 BPSK	1	1	22.46	22.54	22.44	
20		50	25	22.34	22.49	22.27	
20		100	0	21.84	21.96	21.76	

<FR1 n26_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				154800	166200	167800	
Frequency (MHz)				804	831.5	836	
20	Pi/2 BPSK	1	1	22.42	22.58	22.47	
20		50	25	22.37	22.48	22.40	
20		100	0	21.87	22.03	21.95	

<FR1 n66_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				346000	346000	351000	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	18.20	18.48	18.42	
45		120	60	18.18	18.41	18.42	
45		240	0	18.31	18.47	18.46	

<FR1 n77 (270)_Ant 5_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	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	14.32	14.76	14.75	
100		135	69	14.63	14.69	14.63	
100		270	0	14.62	14.64	14.64	

<FR1 n77 (270)_Ant 5_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				3750	3840	3930	
Frequency (MHz)				3750	3840	3930	
100	Pi/2 BPSK	1	1	14.32	14.36	14.36	
100		135	0	14.34	14.34	14.34	
100		270	0	14.20	14.20	14.20	

<FR1 n7_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				500000	501000	505000	
Frequency (MHz)				2525	2535	2545	
50	Pi/2 BPSK	1	1	21.03	21.16	20.95	
50		135	68	20.98	21.10	21.02	
50		270	0	21.08	21.14	20.99	

<FR1 n2_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				316000	316000	319500	
Frequency (MHz)				1670	1680	1690	
40	Pi/2 BPSK	1	1	11.55	11.91	11.87	
40		108	54	11.81	11.89	11.77	
40		216	0	11.80	11.85	11.80	

<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				509252	518598	528000	
Frequency (MHz)				2546.261	2592.99	2640	
100	PI/2 BPSK	1	1	14.53	14.54	14.40	15.50
100		135	69	14.50	14.50	14.37	15.50
100		270	0	14.45	14.40	14.49	15.50

<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				346550	346500	351500	
Frequency (MHz)				1732.5	1745	1757.5	
45	PI/2 BPSK	1	1	15.71	15.77	15.74	16.80
45		120	60	15.60	15.71	15.50	16.80
45		240	0	15.56	15.69	15.45	16.80

<FR1 n38_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				518500	518500	520500	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.59	14.72	14.58	15.50
40		50	25	14.62	14.71	14.71	15.50
40		100	0	14.66	14.67	14.64	15.50

<FR1 n2_Ant 0_Default-1>

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	1890	1890	
40	Pi2 BPSK	1	1	22.47	22.58	22.41	24.00
40		108	54	22.52	22.58	22.33	24.00
40		216	0	22.11	22.10	22.01	23.50

<FR1 n66_Ant 4_Default-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	351000	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi2 BPSK	1	1	22.55	22.61	22.57	24.00
45		120	60	22.48	22.58	22.51	24.00
45		240	0	21.98	22.08	21.91	23.50

<FR1 n66_Ant 0_Default-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	351000	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi2 BPSK	1	1	22.27	22.61	22.42	24.00
45		120	60	22.51	22.58	22.46	24.00
45		240	0	21.83	21.98	21.98	23.50

<FR1 n2_Ant 4_Default-1>

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	Pi2 BPSK	1	1	22.41	22.48	22.19	24.00
40		108	54	22.26	22.43	22.36	24.00
40		216	0	21.91	22.00	21.90	23.50

<FR1 n7_Ant 4_Default-1>

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	Pi2 BPSK	1	1	22.87	23.02	22.81	24.00
50		135	68	22.79	23.01	22.77	24.00
50		270	0	22.12	22.41	22.12	23.50

<FR1 n2_Ant 0_ECI 2-1>							
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	1890	1890	
40	Pi/2 BPSK	1	1	22.47	22.36	22.41	24.00
40		108	54	22.52	22.55	22.33	24.00
40		216	0	22.11	22.10	22.01	23.50

<FR1 n66_Ant 4_ECI 2-1>							
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	16.08	16.40	16.29	17.20
45		120	60	16.20	16.39	16.30	17.20
45		240	0	16.28	16.36	16.24	17.20

<FR1 n66_Ant 0_ECI 2-1>							
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	22.27	22.51	22.42	24.00
45		120	60	22.51	22.58	22.48	24.00
45		240	0	21.83	21.99	21.98	23.50

<FR1 n2_Ant 4_ECI 2-1>							
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	1890	1890	
40	Pi/2 BPSK	1	1	14.40	14.42	14.26	15.70
40		108	54	14.34	14.34	14.19	15.70
40		216	0	14.22	14.39	14.29	15.70

<FR1 n7_Ant 4_ECI 2-1>							
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	Pi/2 BPSK	1	1	16.43	16.45	16.30	17.80
50		135	68	16.37	16.43	16.27	17.80
50		270	0	16.21	16.36	16.26	17.80

<FR1 n2_Ant 0_ECI 3-1>							
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	19.38	19.67	19.43	21.10
40		108	54	19.46	19.54	19.53	21.10
40		216	0	19.43	19.47	19.43	21.10

<FR1 n66_Ant 4_ECI 3-1>							
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	18.55	18.79	18.78	19.90
45		120	60	18.63	18.61	18.45	19.90
45		240	0	18.53	18.69	18.46	19.90

<FR1 n66_Ant 0_ECI 3-1>							
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	18.96	18.77	18.10	19.70
45		120	60	18.82	19.24	18.91	19.70
45		240	0	18.90	19.10	18.86	19.70

<FR1 n2_Ant 4_ECI 3-1>							
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	16.07	16.18	15.67	17.10
40		108	54	15.50	16.17	15.72	17.10
40		216	0	15.79	15.78	15.77	17.10

<FR1 n7_Ant 4_ECI 3-1>							
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	Pi/2 BPSK	1	1	16.35	16.37	16.13	17.30
50		135	68	16.19	16.24	16.08	17.30
50		270	0	15.97	16.17	16.16	17.30

<FR1 n2_Ant 0_ECI 4-1>

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)				1670	1690	1690	
40	Pi/2 BPSK	1	1	22.47	22.56	22.41	24.00
40		108	54	22.52	22.56	22.33	24.00
40		216	0	22.11	22.10	22.01	23.50

<FR1 n66_Ant 4_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	351000	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	22.55	22.61	22.57	24.00
45		120	60	22.48	22.58	22.51	24.00
45		240	0	21.98	22.08	21.91	23.50

<FR1 n66_Ant 0_ECI 4-1>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				346000	349000	351000	
Frequency (MHz)				1732.5	1745	1757.5	
45	Pi/2 BPSK	1	1	22.27	22.61	22.42	24.00
45		120	60	22.51	22.58	22.46	24.00
45		240	0	21.83	21.98	21.98	23.50

<FR1 n2_Ant 4_ECI 4-1>

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)				1670	1680	1690	
40	Pi/2 BPSK	1	1	22.41	22.48	22.19	24.00
40		108	54	22.26	22.43	22.36	24.00
40		216	0	21.91	22.00	21.90	23.50

<FR1 n7_Ant 4_ECI 4-1>

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	Pi/2 BPSK	1	1	22.87	23.02	22.81	24.00
50		135	68	22.79	23.01	22.77	24.00
50		270	0	22.12	22.41	22.12	23.50

<FR1 n2_Ant 0_ECI 6-1>

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	22.47	22.56	22.41	23.10
40		108	54	22.52	22.55	22.33	23.10
40		216	0	22.11	22.10	22.01	23.10

<FR1 n66_Ant 4_ECI 6-1>

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	20.08	20.33	20.30	20.70
45		120	60	20.22	20.31	20.28	20.70
45		240	0	20.30	20.29	20.31	20.70

<FR1 n66_Ant 0_ECI 6-1>

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	21.49	21.74	21.64	22.50
45		120	60	21.70	21.71	21.67	22.50
45		240	0	21.69	21.72	21.66	22.50

<FR1 n2_Ant 4_ECI 6-1>

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	18.48	18.49	18.21	19.70
40		108	54	18.18	18.24	18.20	19.70
40		216	0	18.26	18.29	18.18	19.70

<FR1 n7_Ant 4_ECI 6-1>

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	Pi/2 BPSK	1	1	21.35	21.36	21.23	22.00
50		135	68	21.33	21.29	21.08	22.00
50		270	0	21.28	21.28	21.26	22.00

<FR1 n2_Ant 0_ECI 7-1>							
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	18.19	18.22	18.07	19.70
40		108	54	18.08	18.05	17.80	19.70
40		216	0	17.78	17.91	17.90	19.70

<FR1 n66_Ant 4_ECI 7-1>							
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	16.20	16.42	16.40	16.80
45		120	60	16.32	16.39	16.35	16.80
45		240	0	16.13	16.37	16.30	16.80

<FR1 n66_Ant 0_ECI 7-1>							
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	17.96	18.27	18.13	19.00
45		120	60	18.05	18.25	18.09	19.00
45		240	0	18.04	18.25	18.23	19.00

<FR1 n2_Ant 4_ECI 7-1>							
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	11.96	11.97	11.83	13.30
40		108	54	11.65	11.88	11.82	13.30
40		216	0	11.83	11.98	11.77	13.30

<FR1 n7_Ant 4_ECI 7-1>							
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	Pi/2 BPSK	1	1	14.45	14.65	14.42	15.80
50		135	68	14.49	14.60	14.51	15.80
50		270	0	14.40	14.51	14.47	15.80

<FR1 n41 Ant 4 ECI>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Fmax	Power Middle Ch. / Fmax	Power High Ch. / Fmax	Tune-up Limit (dBm)
Channel				500202	518598	536998	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.49	15.51	15.12	16.80
100		1	137	15.05	15.16	15.07	16.80
100		1	271	14.97	15.14	14.91	16.80
100		135	0	15.10	15.32	15.07	16.80
100		135	69	14.95	15.49	15.08	16.80
100		135	138	14.89	15.03	14.93	16.80
100	QPSK	270	0	15.02	15.15	14.92	16.80
100		1	1	15.27	15.35	15.27	16.80
100		1	137	15.08	15.18	15.09	16.80
100		1	271	14.97	15.14	15.09	16.80
100		135	0	15.15	15.28	15.11	16.80
100		135	69	14.98	15.17	15.07	16.80
100	16QAM	135	138	14.95	15.01	14.89	16.80
100		270	0	15.02	15.16	15.06	16.80
100		1	1	15.27	15.50	15.31	16.80
100	64QAM	1	1	14.95	15.16	15.02	16.80
100	256QAM	1	1	14.99	15.13	14.97	16.80
Channel				508200	518598	529596	Tune-up Limit
Frequency (MHz)				2641	2592.99	2644.98	(dBm)
90	PI/2 BPSK	1	1	15.29	15.35	14.94	16.80
Channel				507204	518598	529598	Tune-up Limit
Frequency (MHz)				2534.02	2592.99	2643.99	(dBm)
80	PI/2 BPSK	1	1	15.31	15.26	14.97	16.80
Channel				506202	518598	531000	Tune-up Limit
Frequency (MHz)				2531.01	2592.99	2655	(dBm)
70	PI/2 BPSK	1	1	15.43	15.42	15.04	16.80
Channel				505200	518598	531996	Tune-up Limit
Frequency (MHz)				2520	2592.99	2669.98	(dBm)
60	PI/2 BPSK	1	1	15.28	15.41	14.98	16.80
Channel				504204	518598	532998	Tune-up Limit
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)
50	PI/2 BPSK	1	1	15.34	15.40	14.94	16.80
Channel				503700	518598	533496	Tune-up Limit
Frequency (MHz)				2516.5	2592.99	2657.48	(dBm)
45	PI/2 BPSK	1	1	15.35	15.44	15.01	16.80
Channel				503202	518598	534000	Tune-up Limit
Frequency (MHz)				2516.01	2592.99	2670	(dBm)
40	PI/2 BPSK	1	1	15.32	15.39	15.05	16.80
Channel				502704	518598	534498	Tune-up Limit
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)
35	PI/2 BPSK	1	1	15.29	15.42	14.97	16.80
Channel				502200	518598	534996	Tune-up Limit
Frequency (MHz)				2511	2592.99	2674.98	(dBm)
30	PI/2 BPSK	1	1	15.31	15.38	15.04	16.80
Channel				501702	518598	535500	Tune-up Limit
Frequency (MHz)				2506.51	2592.99	2677.5	(dBm)
25	PI/2 BPSK	1	1	15.44	15.42	14.93	16.80
Channel				501204	518598	535998	Tune-up Limit
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)
20	PI/2 BPSK	1	1	15.26	15.37	14.96	16.80
Channel				500700	518598	536496	Tune-up Limit
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)
15	PI/2 BPSK	1	1	15.37	15.34	14.95	16.80
Channel				500202	518598	537000	Tune-up Limit
Frequency (MHz)				2501.01	2592.99	2685	(dBm)
10	PI/2 BPSK	1	1	15.43	15.34	14.90	16.80

<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				164300	166300	167900	
Frequency (MHz)				824	831.5	839	
20	Pi/2 BPSK	1	1	20.57	21.00	20.77	22.50
20		1	53	20.79	20.84	20.77	22.50
20		1	104	20.54	20.65	20.55	22.50
20		50	0	20.74	20.96	20.88	22.00
20		50	28	20.68	20.98	20.90	22.50
20		50	56	20.63	20.88	20.80	22.00
20	QPSK	100	0	20.71	20.93	20.73	22.00
20		1	1	20.50	20.63	20.45	22.50
20		1	53	20.64	20.66	20.62	22.50
20		1	104	20.46	20.66	20.54	22.50
20		50	0	20.70	20.90	20.73	21.50
20		50	28	20.68	20.85	20.72	22.50
20	16QAM	50	56	20.65	20.88	20.79	21.50
20		100	0	20.80	20.92	20.86	21.50
20		1	1	20.67	20.74	20.51	21.50
20	64QAM	1	1	19.40	19.46	19.39	20.00
20	256QAM	1	1	17.43	17.49	17.44	18.00
Channel				164300	166300	167300	Tune-up Limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	Pi/2 BPSK	1	1	20.47	20.77	20.69	22.50
Channel				163800	166300	166800	Tune-up Limit (dBm)
Frequency (MHz)				810	831.5	844	
10	Pi/2 BPSK	1	1	20.45	20.83	20.67	22.50
Channel				163300	166300	167300	Tune-up Limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	Pi/2 BPSK	1	1	20.43	20.78	20.52	22.50

<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				166900	167300	167900	
Frequency (MHz)				834	836.5	839	
20	Pi/2 BPSK	1	1	20.52	20.97	20.54	22.50
20		1	53	20.83	20.70	20.64	22.50
20		1	104	20.29	20.57	20.41	22.50
20		50	0	20.54	20.81	20.67	22.00
20		50	28	20.83	20.85	20.66	22.50
20		50	56	20.40	20.73	20.69	22.00
20	QPSK	100	0	20.47	20.89	20.69	22.00
20		1	1	20.41	20.62	20.21	22.50
20		1	53	20.67	20.81	20.50	22.50
20		1	104	20.50	20.42	20.48	22.50
20		50	0	20.58	20.82	20.50	21.50
20		50	28	20.52	20.80	20.66	22.50
20	16QAM	50	56	20.67	20.80	20.74	21.50
20		100	0	20.69	20.92	20.82	21.50
20		1	1	20.54	20.58	20.52	21.50
20	64QAM	1	1	19.26	19.21	19.36	20.00
20	256QAM	1	1	17.44	17.36	17.37	18.00
Channel				166300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	Pi/2 BPSK	1	1	20.70	20.81	20.78	22.50
Channel				165800	167300	168800	Tune-up Limit (dBm)
Frequency (MHz)				820	836.5	844	
10	Pi/2 BPSK	1	1	20.64	20.66	20.53	22.50
Channel				165300	167300	168300	Tune-up Limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	Pi/2 BPSK	1	1	20.56	20.59	20.57	22.50

<FR1 n77 (27Q_Ant 5_Default)>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332	3499.98		
100	P12 BPSK	1	1		23.34		24.00
100		1	137		23.33		24.00
100		1	271		23.13		24.00
100		135	0		22.73		23.50
100		135	69		23.32		24.00
100		135	138		22.82		23.50
100		270	0		22.75		23.50
100		1	1		23.06		24.00
100		1	137		23.30		24.00
100		1	271		23.11		24.00
100	QPSK	135	0		22.21		23.00
100		135	69		23.32		24.00
100		135	138		22.23		23.00
100		270	0		22.24		23.00
100	16QAM	1	1		22.16		23.00
100	64QAM	1	1		18.33		21.50
100	256QAM	1	1		18.36		19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3499.98	
90	P12 BPSK	1	1	23.07	23.15	23.06	24.00
Channel							
Frequency (MHz)				633668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510.99	
80	P12 BPSK	1	1	23.10	23.19	23.05	24.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	P12 BPSK	1	1	23.17	23.17	23.07	24.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3490.02	3499.98	3515.99	
60	P12 BPSK	1	1	23.09	23.15	23.10	24.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525.99	
50	P12 BPSK	1	1	23.20	23.10	23.06	24.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	P12 BPSK	1	1	23.05	23.16	23.07	24.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460.02	3499.98	3534.99	
30	P12 BPSK	1	1	23.19	23.11	23.09	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	P12 BPSK	1	1	23.04	23.27	23.22	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540.00	
20	P12 BPSK	1	1	23.20	23.29	23.15	24.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	P12 BPSK	1	1	23.11	23.25	23.14	24.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	P12 BPSK	1	1	23.21	23.12	23.16	24.00

<FR1 n78 (27Q_Ant 5_Default)>

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332	3499.98		
100	P12 BPSK	1	1		23.35		24.00
100		1	137		23.28		24.00
100		1	271		23.16		24.00
100		135	0		22.76		23.50
100		135	69		23.24		24.00
100		135	138		22.75		23.50
100		270	0		22.74		23.50
100		1	1		23.12		24.00
100		1	137		23.24		24.00
100		1	271		23.15		24.00
100	QPSK	135	0		22.26		23.00
100		135	69		23.28		24.00
100		135	138		22.22		23.00
100		270	0		22.22		23.00
100	16QAM	1	1		22.23		23.00
100	64QAM	1	1		20.39		21.50
100	256QAM	1	1		18.42		19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3499.98	
90	P12 BPSK	1	1	23.14	23.20	23.02	24.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510.99	
80	P12 BPSK	1	1	23.11	23.18	22.98	24.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	P12 BPSK	1	1	23.10	23.14	23.14	24.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480.02	3499.98	3515.99	
60	P12 BPSK	1	1	23.20	23.19	23.09	24.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525.99	
50	P12 BPSK	1	1	23.09	23.16	23.07	24.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	P12 BPSK	1	1	23.18	23.11	23.00	24.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465.02	3499.98	3534.99	
30	P12 BPSK	1	1	23.08	23.25	23.00	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	P12 BPSK	1	1	23.00	23.05	23.00	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540.00	
20	P12 BPSK	1	1	23.05	23.13	22.99	24.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	P12 BPSK	1	1	23.01	23.21	23.11	24.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	P12 BPSK	1	1	23.16	23.14	23.15	24.00

<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	3499.98		
Frequency (MHz)					13.42	14.00	
100	Pi2 BPSK	1	1		13.41	14.00	
100		1	137		13.40	14.00	
100		1	271		13.33	14.00	
100		135	0		13.36	14.00	
100		135	69		13.33	14.00	
100		135	138		13.31	14.00	
100		270	0		13.28	14.00	
100		1	1		13.25	14.00	
100		1	137		13.23	14.00	
100		1	271		13.24	14.00	
100	QPSK	135	0		13.26	14.00	
100		135	69		13.29	14.00	
100		135	138		13.26	14.00	
100		270	0		13.32	14.00	
100		64QAM	1	1	13.31	14.00	
100	256QAM	1	1		13.35	14.00	
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	13.35	13.40	13.32	14.00
Channel				633666	633332	634000	
Frequency (MHz)				3499.02	3499.98	3510.98	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	13.22	13.21	13.26	14.00
Channel				632334	633332	634332	
Frequency (MHz)				3495.01	3499.98	3514.98	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	13.23	13.26	13.25	14.00
Channel				632000	633332	634666	
Frequency (MHz)				3490.02	3499.98	3510.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	13.24	13.21	13.20	14.00
Channel				631666	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525.98	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	13.30	13.24	13.26	14.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	13.21	13.22	13.21	14.00
Channel				631000	633332	635666	
Frequency (MHz)				3460.02	3499.98	3534.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	13.24	13.20	13.23	14.00
Channel				630666	633332	636000	
Frequency (MHz)				3452.51	3499.98	3537.48	Tune-up Limit (dBm)
25	Pi2 BPSK	1	1	13.13	13.23	13.21	14.00
Channel				630666	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540.98	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	13.25	13.36	13.30	14.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	13.25	13.30	13.20	14.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	13.30	13.25	13.33	14.00

<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	3499.98		
Frequency (MHz)					13.45	14.00	
100	Pi2 BPSK	1	1		13.39	14.00	
100		1	137		13.38	14.00	
100		1	271		13.24	14.00	
100		135	0		13.31	14.00	
100		135	69		13.30	14.00	
100		135	138		13.24	14.00	
100		270	0		13.18	14.00	
100		1	1		13.25	14.00	
100		1	137		13.23	14.00	
100		1	271		13.24	14.00	
100	QPSK	135	0		13.24	14.00	
100		135	69		13.24	14.00	
100		135	138		13.23	14.00	
100		270	0		13.24	14.00	
100		16QAM	1	1	13.23	14.00	
100	64QAM	1	1		13.31	14.00	
100	256QAM	1	1		13.35	14.00	
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	13.32	13.38	13.24	14.00
Channel				632666	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510.98	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	13.30	13.36	13.24	14.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	13.28	13.36	13.26	14.00
Channel				632000	633332	634666	
Frequency (MHz)				3480.02	3499.98	3510.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	13.29	13.30	13.28	14.00
Channel				631666	633332	635000	
Frequency (MHz)				3475.02	3499.98	3525.98	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	13.27	13.38	13.29	14.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	13.31	13.37	13.28	14.00
Channel				631000	633332	635666	
Frequency (MHz)				3465.02	3499.98	3534.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	13.28	13.33	13.32	14.00
Channel				630666	633332	636000	
Frequency (MHz)				3462.51	3499.98	3537.48	Tune-up Limit (dBm)
25	Pi2 BPSK	1	1	13.32	13.38	13.22	14.00
Channel				630666	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540.98	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	13.30	13.36	13.24	14.00
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	13.34	13.38	13.27	14.00
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	13.26	13.40	13.25	14.00

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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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1	15.88			17.10
100		1	137	15.81			17.10
100		1	271	15.84			17.10
100		135	0	15.80			17.10
100		135	69	15.86			17.10
100		135	138	15.81			17.10
100		270	0	15.81			17.10
100		1	1	15.71			17.10
100		1	137	15.85			17.10
100		1	271	15.67			17.10
100	QPSK	135	0	15.80			17.10
100		135	69	15.87			17.10
100		135	138	15.81			17.10
100		270	0	15.80			17.10
100	16QAM	1	1	15.85			17.10
100	64QAM	1	1	15.54			17.10
100	256QAM	1	1	15.50			17.10
Channel							
Frequency (MHz)				633000	633332	636666	Tune-up Limit (dBm)
				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	15.62	15.74	15.68	17.10
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510.98	
80	Pi2 BPSK	1	1	15.77	15.71	15.75	17.10
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	15.68	15.79	15.80	17.10
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480.02	3499.98	3518.98	
60	Pi2 BPSK	1	1	15.70	15.73	15.61	17.10
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	15.71	15.73	15.69	17.10
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	15.69	15.80	15.69	17.10
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi2 BPSK	1	1	15.74	15.72	15.72	17.10
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	15.62	15.80	15.68	17.10
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	15.65	15.72	15.56	17.10
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	15.66	15.71	15.63	17.10
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	15.66	15.80	15.61	17.10

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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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1	15.96			17.10
100		1	137	15.86			17.10
100		1	271	15.76			17.10
100		135	0	15.91			17.10
100		135	69	15.92			17.10
100		135	138	15.84			17.10
100		270	0	15.88			17.10
100		1	1	15.81			17.10
100		1	137	15.90			17.10
100		1	271	15.80			17.10
100	QPSK	135	0	15.91			17.10
100		135	69	15.91			17.10
100		135	138	15.84			17.10
100		270	0	15.88			17.10
100	16QAM	1	1	15.95			17.10
100	64QAM	1	1	15.63			17.10
100	256QAM	1	1	15.60			17.10
Channel							
Frequency (MHz)				633000	633332	636666	Tune-up Limit (dBm)
				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	15.79	15.80	15.81	17.10
Channel							
Frequency (MHz)				632668	633332	636000	Tune-up Limit (dBm)
				3490.02	3499.98	3510.98	
80	Pi2 BPSK	1	1	15.74	15.83	15.76	17.10
Channel							
Frequency (MHz)				632334	633332	636332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	15.78	15.75	15.70	17.10
Channel							
Frequency (MHz)				632000	633332	636666	Tune-up Limit (dBm)
				3480.02	3499.98	3518.98	
60	Pi2 BPSK	1	1	15.78	15.75	15.73	17.10
Channel							
Frequency (MHz)				631668	633332	636000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	15.74	15.86	15.83	17.10
Channel							
Frequency (MHz)				631334	633332	636332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	15.63	15.86	15.70	17.10
Channel							
Frequency (MHz)				631000	633332	636666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi2 BPSK	1	1	15.75	15.75	15.74	17.10
Channel							
Frequency (MHz)				630664	633332	636666	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	15.73	15.77	15.73	17.10
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	15.78	15.82	15.78	17.10
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	15.66	15.76	15.70	17.10
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	15.67	15.85	15.84	17.10

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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							
Frequency (MHz)				633332	3499.98		
100	P1/2 BPSK	1	1		23.34		24.00
100		1	137		23.33		24.00
100		1	271		23.13		24.00
100		135	0		22.73		23.50
100		135	69		23.32		24.00
100		135	138		22.82		23.50
100		270	0		22.75		23.50
100		1	1		23.06		24.00
100		1	137		23.30		24.00
100		1	271		23.11		24.00
100	QPSK	135	0		22.21		23.00
100		135	69		23.32		24.00
100		135	138		22.23		23.00
100		270	0		22.24		23.00
100	16QAM	1	1		22.16		23.00
100	64QAM	1	1		21.50		21.50
100	256QAM	1	1		18.36		19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3499.98	
90	P1/2 BPSK	1	1	23.07	23.15	23.06	24.00
Channel							
Frequency (MHz)				633668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510.99	
80	P1/2 BPSK	1	1	23.10	23.19	23.05	24.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3495.01	3499.98	3514.98	
70	P1/2 BPSK	1	1	23.17	23.17	23.07	24.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3492	3499.98	3515.99	
60	P1/2 BPSK	1	1	23.09	23.15	23.10	24.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	P1/2 BPSK	1	1	23.20	23.10	23.06	24.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	P1/2 BPSK	1	1	23.05	23.16	23.07	24.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	P1/2 BPSK	1	1	23.19	23.11	23.09	24.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	P1/2 BPSK	1	1	23.04	23.27	23.22	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	P1/2 BPSK	1	1	23.20	23.29	23.15	24.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	P1/2 BPSK	1	1	23.11	23.25	23.14	24.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	P1/2 BPSK	1	1	23.21	23.12	23.16	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							
Frequency (MHz)				633332	3499.98		
100	P1/2 BPSK	1	1		23.35		24.00
100		1	137		23.28		24.00
100		1	271		23.16		24.00
100		135	0		22.76		23.50
100		135	69		23.24		24.00
100		135	138		22.75		23.50
100		270	0		22.74		23.50
100		1	1		23.12		24.00
100		1	137		23.24		24.00
100		1	271		23.15		24.00
100	QPSK	135	0		22.26		23.00
100		135	69		23.28		24.00
100		135	138		22.22		23.00
100		270	0		22.22		23.00
100	16QAM	1	1		22.23		23.00
100	64QAM	1	1		20.39		21.50
100	256QAM	1	1		18.42		19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	P1/2 BPSK	1	1	23.14	23.20	23.02	24.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	P1/2 BPSK	1	1	23.11	23.18	22.98	24.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	P1/2 BPSK	1	1	23.10	23.14	23.14	24.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3485	3499.98	3515.99	
60	P1/2 BPSK	1	1	23.20	23.19	23.09	24.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	P1/2 BPSK	1	1	23.09	23.16	23.07	24.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	P1/2 BPSK	1	1	23.18	23.11	23.00	24.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	P1/2 BPSK	1	1	23.08	23.25	23.00	24.00
Channel							
Frequency (MHz)				630664	633332	635832	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	P1/2 BPSK	1	1	23.00	23.05	23.00	24.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	P1/2 BPSK	1	1	23.05	23.13	22.99	24.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	P1/2 BPSK	1	1	23.01	23.21	23.11	24.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	P1/2 BPSK	1	1	23.16	23.14	23.15	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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1		19.94		20.80
100		1	137		19.86		20.80
100		1	271		19.61		20.80
100		135	0		19.84		20.80
100		135	69		19.88		20.80
100		135	138		19.85		20.80
100		270	0		19.86		20.80
100		1	1		19.76		20.80
100		1	137		19.92		20.80
100		1	271		19.68		20.80
100	QPSK	135	0		19.85		20.80
100		135	69		19.90		20.80
100		135	138		19.85		20.80
100		270	0		19.87		20.80
100	16QAM	1	1		19.93		20.80
100	64QAM	1	1		19.80		20.80
100	256QAM	1	1		18.64		19.80
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	19.79	19.82	19.66	20.80
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510.98	
80	Pi2 BPSK	1	1	19.70	19.80	19.79	20.80
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	19.83	19.84	19.80	20.80
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3492.98	3499.98	3515.98	
60	Pi2 BPSK	1	1	19.82	19.80	19.83	20.80
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525.98	
50	Pi2 BPSK	1	1	19.82	19.79	19.70	20.80
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	19.87	19.77	19.72	20.80
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465.98	3499.98	3534.98	
30	Pi2 BPSK	1	1	19.86	19.76	19.79	20.80
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.98	3499.98	3537.48	
25	Pi2 BPSK	1	1	19.81	19.83	19.62	20.80
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540.98	
20	Pi2 BPSK	1	1	19.80	19.88	19.73	20.80
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	19.83	19.82	19.71	20.80
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	19.64	19.77	19.71	20.80

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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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1		19.99		20.80
100		1	137		19.93		20.80
100		1	271		19.76		20.80
100		135	0		19.98		20.80
100		135	69		19.94		20.80
100		135	138		19.89		20.80
100		270	0		19.95		20.80
100		1	1		19.89		20.80
100		1	137		19.98		20.80
100		1	271		19.82		20.80
100	QPSK	135	0		19.95		20.80
100		135	69		19.96		20.80
100		135	138		19.88		20.80
100		270	0		19.95		20.80
100	16QAM	1	1		19.95		20.80
100	64QAM	1	1		19.70		20.80
100	256QAM	1	1		18.69		19.80
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	19.87	19.74	19.65	20.80
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510.98	
80	Pi2 BPSK	1	1	19.71	19.93	19.71	20.80
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	19.76	19.74	19.73	20.80
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3499.98	3499.98	3515.98	
60	Pi2 BPSK	1	1	19.83	19.89	19.77	20.80
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525.98	
50	Pi2 BPSK	1	1	19.68	19.85	19.74	20.80
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	19.74	19.86	19.63	20.80
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465.98	3499.98	3534.98	
30	Pi2 BPSK	1	1	19.71	19.81	19.75	20.80
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.98	3499.98	3537.48	
25	Pi2 BPSK	1	1	19.70	19.91	19.78	20.80
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540.98	
20	Pi2 BPSK	1	1	19.73	19.93	19.76	20.80
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	19.74	19.87	19.69	20.80
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	19.82	19.81	19.74	20.80

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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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1	14.50			15.60
100		1	137	14.37			15.60
100		1	271	14.44			15.60
100		135	0	14.44			15.60
100		135	69	14.49			15.60
100		135	138	14.42			15.60
100		270	0	14.40			15.60
100		1	1	14.27			15.60
100		1	137	14.42			15.60
100		1	271	14.45			15.60
100	QPSK	135	0	14.44			15.60
100		135	69	14.48			15.60
100		135	138	14.41			15.60
100		270	0	14.41			15.60
100	16QAM	1	1	14.47			15.60
100	64QAM	1	1	14.12			15.60
100	256QAM	1	1	14.06			15.60
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3504.98	
90	Pi2 BPSK	1	1	14.38	14.40	14.37	15.60
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510.98	
80	Pi2 BPSK	1	1	14.36	14.36	14.28	15.60
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3495.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	14.24	14.42	14.43	15.60
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3492	3499.98	3518.98	
60	Pi2 BPSK	1	1	14.31	14.38	14.28	15.60
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	14.40	14.32	14.34	15.60
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	14.24	14.43	14.28	15.60
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi2 BPSK	1	1	14.24	14.29	14.28	15.60
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	14.32	14.36	14.39	15.60
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	14.36	14.28	14.38	15.60
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	14.23	14.30	14.30	15.60
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	14.36	14.29	14.40	15.60

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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							
Frequency (MHz)				633332	3499.98		
100	Pi2 BPSK	1	1	14.59			15.60
100		1	137	14.84			15.60
100		1	271	14.70			15.60
100		135	0	14.87			15.60
100		135	69	14.86			15.60
100		135	138	14.83			15.60
100		270	0	14.85			15.60
100		1	1	14.75			15.60
100		1	137	14.87			15.60
100		1	271	14.70			15.60
100	QPSK	135	0	14.87			15.60
100		135	69	14.87			15.60
100		135	138	14.84			15.60
100		270	0	14.85			15.60
100	16QAM	1	1	14.87			15.60
100	64QAM	1	1	14.60			15.60
100	256QAM	1	1	14.54			15.60
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi2 BPSK	1	1	14.89	14.85	14.70	15.60
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi2 BPSK	1	1	14.65	14.79	14.77	15.60
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	14.63	14.83	14.64	15.60
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3518.99	
60	Pi2 BPSK	1	1	14.84	14.64	14.65	15.60
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	14.66	14.69	14.64	15.60
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	14.64	14.69	14.67	15.60
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	Pi2 BPSK	1	1	14.72	14.67	14.75	15.60
Channel							
Frequency (MHz)				630664	633332	635932	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	14.62	14.66	14.62	15.60
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	14.65	14.65	14.71	15.60
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	14.58	14.77	14.74	15.60
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	14.60	14.64	14.65	15.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mid Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)	
Channel				3750	3840	3930		
Frequency (MHz)								
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50	
100		1	137	17.83	18.03	17.85	19.50	
100		1	271	18.00	18.14	17.92	19.50	
100		135	0	17.46	17.57	17.35	19.00	
100		135	69	17.84	18.00	17.78	19.50	
100		135	138	17.53	17.62	17.44	19.00	
100		270	0	17.37	17.42	17.22	19.00	
100		1	1	17.68	17.76	17.53	19.50	
100		1	137	17.91	18.00	17.81	19.50	
100		1	271	18.17	18.27	18.03	19.50	
100	QPSK	135	0	16.83	16.94	16.75	18.50	
100		135	69	17.90	17.99	17.90	19.50	
100		135	138	16.80	17.04	16.96	18.50	
100		270	0	17.06	17.19	17.06	18.50	
100		16QAM	1	1	16.66	16.87	16.65	18.50
100		64QAM	1	1	15.06	15.18	14.93	17.00
100	256QAM	1	1	13.02	13.12	12.92	15.00	
Channel				649998	650000	650032	Tune-up Limit (dBm)	
Frequency (MHz)				3745.02	3840	3934.98		
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50	
Channel				649334	650000	650666	Tune-up Limit (dBm)	
Frequency (MHz)				3740.01	3840	3939.99		
80	PI2 BPSK	1	1	17.86	18.20	18.02	19.50	
Channel				649000	650000	653000	Tune-up Limit (dBm)	
Frequency (MHz)				3735	3840	3945		
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50	
Channel				648668	650000	653332	Tune-up Limit (dBm)	
Frequency (MHz)				3730.02	3840	3940.98		
60	PI2 BPSK	1	1	17.70	18.15	18.00	19.50	
Channel				648334	650000	653666	Tune-up Limit (dBm)	
Frequency (MHz)				3725.01	3840	3954.99		
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50	
Channel				648000	650000	654000	Tune-up Limit (dBm)	
Frequency (MHz)				3720	3840	3960		
40	PI2 BPSK	1	1	17.80	18.23	18.03	19.50	
Channel				647668	650000	654332	Tune-up Limit (dBm)	
Frequency (MHz)				3715.02	3840	3952.98		
30	PI2 BPSK	1	1	17.80	18.20	18.11	19.50	
Channel				647000	650000	654666	Tune-up Limit (dBm)	
Frequency (MHz)				3712.5	3840	3957.5		
25	PI2 BPSK	1	1	17.84	18.16	18.14	19.50	
Channel				647334	650000	654998	Tune-up Limit (dBm)	
Frequency (MHz)				3710.01	3840	3959.99		
20	PI2 BPSK	1	1	17.89	18.15	18.00	19.50	
Channel				647168	650000	654832	Tune-up Limit (dBm)	
Frequency (MHz)				3707.52	3840	3952.48		
15	PI2 BPSK	1	1	17.82	18.11	18.13	19.50	
Channel				647000	650000	655000	Tune-up Limit (dBm)	
Frequency (MHz)				3705	3840	3975		
10	PI2 BPSK	1	1	17.77	18.15	18.05	19.50	

<FR1 n78 (270)_Ant 1_Default>

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	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3750	3750	
100	PI2 BPSK	1	1	18.12	18.12	18.12	19.50
100		1	137	17.61	17.61	17.61	19.50
100		1	271	17.76	17.76	17.76	19.50
100		135	0	17.35	17.35	17.35	19.00
100		135	69	17.70	17.70	17.70	19.50
100		135	138	17.14	17.14	17.14	19.00
100		270	0	17.23	17.23	17.23	19.00
100		1	1	18.11	18.11	18.11	19.50
100		1	137	17.66	17.66	17.66	19.50
100		1	271	17.78	17.78	17.78	19.50
100	QPSK	135	0	16.83	16.83	16.83	18.50
100		135	69	17.68	17.68	17.68	19.50
100		135	138	16.62	16.62	16.62	18.50
100		270	0	16.73	16.73	16.73	18.50
100		16QAM	1	1	17.23	17.23	18.50
100		64QAM	1	1	15.36	15.36	17.00
100	256QAM	1	1	13.33	13.33	13.33	15.00
Channel				649998	650000	650002	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	17.94	18.12	18.05	19.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	17.95	18.03	18.03	19.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	17.88	17.93	18.06	19.50
Channel				646668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3763.98	
60	PI2 BPSK	1	1	18.00	17.94	18.02	19.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	17.92	18.09	18.01	19.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1	17.92	18.11	18.00	19.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI2 BPSK	1	1	18.01	18.07	18.03	19.50
Channel				647000	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI2 BPSK	1	1	17.88	17.94	17.99	19.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI2 BPSK	1	1	18.04	18.01	18.00	19.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI2 BPSK	1	1	17.94	18.02	17.98	19.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	17.88	17.97	17.98	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							
Frequency (MHz)				633332		3499.98	
100	Pi2 BPSK	1	1	18.52		18.50	19.50
100		1	137	18.51		18.50	19.50
100		1	271	18.65		18.50	19.50
100		135	0	18.25		18.50	19.50
100		135	69	18.58		18.50	19.50
100		135	138	17.99		18.50	19.50
100		270	0	18.12		18.50	19.50
100		1	1	18.53		18.50	19.50
100		1	137	18.51		18.50	19.50
100		1	271	18.64		18.50	19.50
100	QPSK	135	0	17.72		18.50	18.50
100		135	69	18.57		18.50	19.50
100		135	138	17.49		18.50	18.50
100		270	0	17.62		18.50	18.50
100	16QAM	1	1	17.80		18.50	18.50
100	64QAM	1	1	15.97		17.00	17.00
100	256QAM	1	1		13.95		15.00
Channel							
Frequency (MHz)				633000	633666		Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	Pi2 BPSK	1	1	18.44	18.49	18.39	19.50
Channel							
Frequency (MHz)				630654	633332	636002	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	18.47	18.49	18.36	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							
Frequency (MHz)				633332		3499.98	
100	Pi2 BPSK	1	1	18.60		18.60	19.50
100		1	137	18.51		18.50	19.50
100		1	271	18.67		18.50	19.50
100		135	0	18.28		18.50	19.50
100		135	69	18.60		18.50	19.50
100		135	138	18.00		18.50	19.50
100		270	0	18.58		18.50	19.50
100		1	1	18.45		18.50	19.50
100		1	137	18.56		18.50	19.50
100		1	271	18.61		18.50	19.50
100	QPSK	135	0	17.73		18.50	18.50
100		135	69	18.61		18.50	19.50
100		135	138	17.51		18.50	18.50
100		270	0	17.61		18.50	18.50
100	16QAM	1	1	17.82		18.50	18.50
100	64QAM	1	1	16.00		17.00	17.00
100	256QAM	1	1		13.99		15.00
Channel							
Frequency (MHz)				633000	633666		Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	Pi2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630654	633332	636002	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	18.39	18.62	18.63	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	18.39	18.57	18.40	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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50
		1	137	17.83	18.03	17.85	19.50
		1	271	18.00	18.14	17.92	19.50
		135	0	17.46	17.57	17.35	19.00
		135	69	17.84	18.00	17.78	19.50
		135	138	17.53	17.62	17.44	19.00
		270	0	17.37	17.42	17.22	19.00
		1	1	17.68	17.76	17.53	19.50
		1	137	17.91	18.00	17.81	19.50
		1	271	18.17	18.27	18.03	19.50
100	QPSK	135	0	16.83	16.94	16.75	18.50
		135	69	17.90	17.99	17.90	19.50
		135	138	16.80	17.04	16.96	18.50
		270	0	17.06	17.19	17.06	18.50
		1	1	16.66	16.87	16.65	18.50
		1	1	15.06	15.18	14.93	17.00
		1	1	13.02	13.12	12.92	15.00
		Channel				650000	Tune-up Limit (dBm)
		Frequency (MHz)				3745.02	
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50
		Channel				649334	Tune-up Limit (dBm)
		Frequency (MHz)				3740.01	
		1	1	17.86	18.20	18.02	19.50
		Channel				649000	Tune-up Limit (dBm)
		Frequency (MHz)				3735	
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50
		Channel				646068	Tune-up Limit (dBm)
		Frequency (MHz)				3720.02	
		1	1	17.70	18.15	18.00	19.50
		Channel				646334	Tune-up Limit (dBm)
		Frequency (MHz)				3725.01	
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50
		Channel				648000	Tune-up Limit (dBm)
		Frequency (MHz)				3720	
		1	1	17.80	18.23	18.03	19.50
		Channel				647668	Tune-up Limit (dBm)
		Frequency (MHz)				3717.02	
30	PI2 BPSK	1	1	17.40	18.23	18.11	19.50
		Channel				647900	Tune-up Limit (dBm)
		Frequency (MHz)				3712.5	
		1	1	17.84	18.16	18.14	19.50
		Channel				647334	Tune-up Limit (dBm)
		Frequency (MHz)				3710.01	
20	PI2 BPSK	1	1	17.89	18.15	18.00	19.50
		Channel				647168	Tune-up Limit (dBm)
		Frequency (MHz)				3707.02	
		1	1	17.62	18.11	18.10	19.50
		Channel				647000	Tune-up Limit (dBm)
		Frequency (MHz)				3700	
10	PI2 BPSK	1	1	17.77	18.15	18.05	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				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI2 BPSK	1	1	18.12	18.12	18.12	19.50
		1	137	17.61	17.61	17.61	19.50
		1	271	17.76	17.76	17.76	19.50
		135	0	17.35	17.35	17.35	19.00
		135	69	17.70	17.70	17.70	19.50
		135	138	17.14	17.14	17.14	19.00
		270	0	17.23	17.23	17.23	19.00
		1	1	18.11	18.11	18.11	19.50
		1	137	17.66	17.66	17.66	19.50
		1	271	17.78	17.78	17.78	19.50
100	QPSK	135	0	16.83	16.83	16.83	18.50
		135	69	17.68	17.68	17.68	19.50
		135	138	16.62	16.62	16.62	18.50
		270	0	16.73	16.73	16.73	18.50
		1	1	17.23	17.23	17.23	19.50
		1	1	15.36	15.36	15.36	17.00
		1	1	13.33	13.33	13.33	15.00
		Channel				649998	Tune-up Limit (dBm)
		Frequency (MHz)				3745.02	
90	PI2 BPSK	1	1	17.94	18.12	18.05	19.50
		Channel				649334	Tune-up Limit (dBm)
		Frequency (MHz)				3740.01	
		1	1	17.96	18.03	18.03	19.50
		Channel				649000	Tune-up Limit (dBm)
		Frequency (MHz)				3735	
70	PI2 BPSK	1	1	17.88	17.93	18.06	19.50
		Channel				646068	Tune-up Limit (dBm)
		Frequency (MHz)				3730.02	
		1	1	18.00	17.94	18.02	19.50
		Channel				646334	Tune-up Limit (dBm)
		Frequency (MHz)				3725.01	
50	PI2 BPSK	1	1	17.92	18.09	18.01	19.50
		Channel				648000	Tune-up Limit (dBm)
		Frequency (MHz)				3720	
		1	1	17.92	18.11	18.00	19.50
		Channel				647668	Tune-up Limit (dBm)
		Frequency (MHz)				3717.02	
30	PI2 BPSK	1	1	18.01	18.07	18.03	19.50
		Channel				647900	Tune-up Limit (dBm)
		Frequency (MHz)				3712.5	
		1	1	17.88	17.94	17.99	19.50
		Channel				647334	Tune-up Limit (dBm)
		Frequency (MHz)				3710.01	
20	PI2 BPSK	1	1	18.04	18.01	18.00	19.50
		Channel				647168	Tune-up Limit (dBm)
		Frequency (MHz)				3707.02	
		1	1	17.84	18.02	17.98	19.50
		Channel				647000	Tune-up Limit (dBm)
		Frequency (MHz)				3700	
10	PI2 BPSK	1	1	17.88	17.87	17.88	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		18.52		19.50
100		1	137		18.51		19.50
100		1	271		18.65		19.50
100		135	0		18.25		19.00
100		135	69		18.58		19.50
100		135	138		17.99		19.00
100		270	0		18.12		19.00
100		1	1		18.55		19.50
100		1	137		18.51		19.50
100		1	271		18.64		19.50
100	QPSK	135	0		17.72		18.50
100		135	69		18.57		19.50
100		135	138		17.49		18.50
100		270	0		17.62		18.50
100	16QAM	1	1		17.80		18.50
100	64QAM	1	1		15.97		17.00
100	256QAM	1	1		13.95		15.00
Channel							
Frequency (MHz)				633000	633366		Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	18.44	18.49	18.35	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.47	18.49	18.36	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		18.60		19.50
100		1	137		18.51		19.50
100		1	271		18.87		19.50
100		135	0		18.28		19.00
100		135	69		18.60		19.50
100		135	138		18.00		19.00
100		270	0		18.58		19.00
100		1	1		18.45		19.50
100		1	137		18.56		19.50
100		1	271		18.61		19.50
100	QPSK	135	0		17.73		18.50
100		135	69		18.61		19.50
100		135	138		17.51		18.50
100		270	0		17.61		18.50
100	16QAM	1	1		17.82		18.50
100	64QAM	1	1		16.00		17.00
100	256QAM	1	1		13.99		15.00
Channel							
Frequency (MHz)				633000	633366		Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.39	18.82	18.63	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.39	18.57	18.40	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mid Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)	
Channel				3750	3840	3930		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50	
100		1	137	17.83	18.03	17.85	19.50	
100		1	271	18.00	18.14	17.92	19.50	
100		135	0	17.46	17.57	17.35	19.00	
100		135	69	17.84	18.00	17.78	19.50	
100		135	138	17.53	17.62	17.44	19.00	
100		270	0	17.37	17.42	17.22	19.00	
100		1	1	17.68	17.76	17.53	19.50	
100		1	137	17.91	18.00	17.81	19.50	
100		1	271	18.17	18.27	18.03	19.50	
100	QPSK	135	0	16.83	16.94	16.75	18.50	
100		135	69	17.90	17.99	17.90	19.50	
100		135	138	16.80	17.04	16.96	18.50	
100		270	0	17.06	17.19	17.06	18.50	
100		16QAM	1	1	16.66	16.87	16.65	18.50
100		64QAM	1	1	15.06	15.18	14.93	17.00
100	256QAM	1	1	13.02	13.12	12.92	15.00	
Channel				649998	650000	650002		
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)	
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)	
80	PI2 BPSK	1	1	17.86	18.20	18.02	19.50	
Channel				649000	650000	653000		
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)	
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50	
Channel				648668	650000	653332		
Frequency (MHz)				3730.02	3840	3940.98	Tune-up Limit (dBm)	
60	PI2 BPSK	1	1	17.70	18.15	18.00	19.50	
Channel				648334	650000	653666		
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)	
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50	
Channel				648000	650000	654000		
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)	
40	PI2 BPSK	1	1	17.80	18.23	18.03	19.50	
Channel				647668	650000	654332		
Frequency (MHz)				3717.02	3900	3972.98	Tune-up Limit (dBm)	
30	PI2 BPSK	1	1	17.80	18.23	18.11	19.50	
Channel				647000	650000	654666		
Frequency (MHz)				3712.5	3940	3977.5	Tune-up Limit (dBm)	
25	PI2 BPSK	1	1	17.84	18.16	18.14	19.50	
Channel				647334	650000	654998		
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)	
20	PI2 BPSK	1	1	17.89	18.15	18.00	19.50	
Channel				647168	650000	654832		
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)	
15	PI2 BPSK	1	1	17.92	18.11	18.13	19.50	
Channel				647000	650000	655000		
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)	
10	PI2 BPSK	1	1	17.77	18.15	18.05	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				650000	650000	650000	
Frequency (MHz)				3750	3750	3750	
100	PI2 BPSK	1	1	18.12	18.12	18.12	19.50
100		1	137	17.61	17.61	17.61	19.50
100		1	271	17.76	17.76	17.76	19.50
100		135	0	17.35	17.35	17.35	19.00
100		135	69	17.70	17.70	17.70	19.50
100		135	138	17.14	17.14	17.14	19.00
100		270	0	17.23	17.23	17.23	19.00
100		1	1	18.11	18.11	18.11	19.50
100		1	137	17.66	17.66	17.66	19.50
100		1	271	17.78	17.78	17.78	19.50
100	QPSK	135	0	16.83	16.83	16.83	18.50
100		135	69	17.68	17.68	17.68	19.50
100		135	138	16.62	16.62	16.62	18.50
100		270	0	16.73	16.73	16.73	18.50
100		16QAM	1	1	17.23	17.23	18.50
100		64QAM	1	1	15.36	15.36	17.00
100	256QAM	1	1	13.33	13.33	13.33	15.00
Channel				649998	650000	650002	
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	17.94	18.12	18.05	19.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	17.96	18.03	18.03	19.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	17.88	17.93	18.06	19.50
Channel				646068	650000	651332	
Frequency (MHz)				3730.02	3750	3760.98	
60	PI2 BPSK	1	1	18.00	17.94	18.02	19.50
Channel				645334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	17.92	18.09	18.01	19.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3760	
40	PI2 BPSK	1	1	17.92	18.11	18.00	19.50
Channel				647668	650000	652332	
Frequency (MHz)				3717.02	3750	3764.98	
30	PI2 BPSK	1	1	18.01	18.07	18.03	19.50
Channel				647000	650000	652666	
Frequency (MHz)				3712.5	3750	3767.5	
25	PI2 BPSK	1	1	17.88	17.94	17.99	19.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3769.99	
20	PI2 BPSK	1	1	18.04	18.01	18.00	19.50
Channel				647168	650000	652632	
Frequency (MHz)				3707.52	3750	3762.48	
15	PI2 BPSK	1	1	17.94	18.02	17.98	19.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	17.88	17.97	17.98	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		18.52		19.50
100		1	137		18.51		19.50
100		1	271		18.65		19.50
100		135	0		18.25		19.00
100		135	69		18.58		19.50
100		135	138		17.99		19.00
100		270	0		18.12		19.00
100		1	1		18.53		19.50
100		1	137		18.51		19.50
100		1	271		18.64		19.50
100	QPSK	135	0		17.72		18.50
100		135	69		18.57		19.50
100		135	138		17.49		18.50
100		270	0		17.62		18.50
100	16QAM	1	1		17.80		18.50
100	64QAM	1	1		15.97		17.00
100	256QAM	1	1		13.95		15.00
Channel							
Frequency (MHz)				633000	633366		Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.44	18.49	18.39	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630368	633332	636300	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630000	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				629334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.47	18.49	18.36	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		18.60		19.50
100		1	137		18.51		19.50
100		1	271		18.87		19.50
100		135	0		18.28		19.00
100		135	69		18.60		19.50
100		135	138		18.00		19.00
100		270	0		18.58		19.00
100		1	1		18.45		19.50
100		1	137		18.56		19.50
100		1	271		18.61		19.50
100	QPSK	135	0		17.73		18.50
100		135	69		18.61		19.50
100		135	138		17.51		18.50
100		270	0		17.61		18.50
100	16QAM	1	1		17.82		18.50
100	64QAM	1	1		16.00		17.00
100	256QAM	1	1		13.99		15.00
Channel							
Frequency (MHz)				633000	633366		Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.39	18.82	18.63	19.50
Channel							
Frequency (MHz)				630368	633332	636300	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630000	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				629334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.39	18.57	18.40	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)	
Channel				3750	3840	3930		
Frequency (MHz)								
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50	
100		1	137	17.83	18.03	17.85	19.50	
100		1	271	18.00	18.14	17.92	19.50	
100		135	0	17.46	17.57	17.35	19.00	
100		135	69	17.84	18.00	17.78	19.50	
100		135	138	17.53	17.62	17.44	19.00	
100		270	0	17.37	17.42	17.22	19.00	
100		1	1	17.68	17.76	17.53	19.50	
100		1	137	17.91	18.00	17.81	19.50	
100		1	271	18.17	18.27	18.03	19.50	
100	QPSK	135	0	16.83	16.94	16.75	18.50	
100		135	69	17.90	17.99	17.90	19.50	
100		135	138	16.80	17.04	16.96	18.50	
100		270	0	17.06	17.19	17.06	18.50	
100		16QAM	1	1	16.66	16.87	16.65	18.50
100		64QAM	1	1	15.06	15.18	14.93	17.00
100	25QAM	1	1	13.02	13.12	12.92	15.00	
Channel				649998	650000	650232		
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)	
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)	
80	PI2 BPSK	1	1	17.86	18.20	18.02	19.50	
Channel				649000	650000	650000		
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)	
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50	
Channel				646668	650000	653332		
Frequency (MHz)				3730.02	3840	3940.98	Tune-up Limit (dBm)	
60	PI2 BPSK	1	1	17.70	18.15	18.00	19.50	
Channel				648334	650000	651666		
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)	
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50	
Channel				648000	650000	652000		
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)	
40	PI2 BPSK	1	1	17.80	18.23	18.03	19.50	
Channel				647668	650000	654332		
Frequency (MHz)				3717.02	3840	3972.98	Tune-up Limit (dBm)	
30	PI2 BPSK	1	1	17.80	18.23	18.11	19.50	
Channel				647000	650000	654000		
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)	
25	PI2 BPSK	1	1	17.84	18.16	18.14	19.50	
Channel				647334	650000	654666		
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)	
20	PI2 BPSK	1	1	17.88	18.15	18.00	19.50	
Channel				647168	650000	654832		
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)	
15	PI2 BPSK	1	1	17.82	18.11	18.13	19.50	
Channel				647000	650000	655000		
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)	
10	PI2 BPSK	1	1	17.77	18.15	18.05	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					3750		
Frequency (MHz)							
100	PI2 BPSK	1	1		18.12		19.50
100		1	137		17.61		19.50
100		1	271		17.76		19.50
100		135	0		17.35		19.00
100		135	69		17.70		19.50
100		135	138		17.14		19.00
100		270	0		17.23		19.00
100		1	1		18.11		19.50
100		1	137		17.66		19.50
100		1	271		17.78		19.50
100	QPSK	135	0		16.83		18.50
100		135	69		17.68		19.50
100		135	138		16.62		18.50
100		270	0		16.73		18.50
100		16QAM	1	1	17.23		18.50
100		64QAM	1	1	15.36		17.00
100	25QAM	1	1		13.33		15.00
Channel				649998	650000	650002	
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1		17.94		19.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1		17.96		19.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1		17.88		19.50
Channel				646668	650000	651332	
Frequency (MHz)				3730.02	3750	3760.98	
60	PI2 BPSK	1	1		18.00		19.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1		17.92		19.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3760	
40	PI2 BPSK	1	1		17.92		19.50
Channel				647668	650000	652332	
Frequency (MHz)				3717.02	3750	3767.98	
30	PI2 BPSK	1	1		18.01		19.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3767.5	
25	PI2 BPSK	1	1		17.88		19.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3769.99	
20	PI2 BPSK	1	1		18.04		19.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3762.48	
15	PI2 BPSK	1	1		17.94		19.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3765	
10	PI2 BPSK	1	1		17.88		19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98			
				633332			
100	Pi/2 BPSK	1	1		18.52		19.50
100		1	137		18.51		19.50
100		1	271		18.65		19.50
100		135	0		18.25		19.00
100		135	69		18.58		19.50
100		135	138		17.99		19.00
100		270	0		18.12		19.00
100		1	1		18.85		19.50
100		1	137		18.51		19.50
100		1	271		18.64		19.50
100	QPSK	135	0		17.72		18.50
100		135	69		18.57		19.50
100		135	138		17.49		18.50
100		270	0		17.62		18.50
100	16QAM	1	1		17.80		18.50
100	64QAM	1	1		15.97		17.00
100	256QAM	1	1		13.95		15.00
Channel							
Frequency (MHz)				633000	633666		
				3495	3499.98	3504.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.44	18.49	18.39	19.50
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3452.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.47	18.49	18.36	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98			
				633332			
100	Pi/2 BPSK	1	1		18.60		19.50
100		1	137		18.51		19.50
100		1	271		18.87		19.50
100		135	0		18.28		19.00
100		135	69		18.60		19.50
100		135	138		18.00		19.00
100		270	0		18.58		19.00
100		1	1		18.45		19.50
100		1	137		18.56		19.50
100		1	271		18.61		19.50
100	QPSK	135	0		17.73		18.50
100		135	69		18.61		19.50
100		135	138		17.51		18.50
100		270	0		17.61		18.50
100	16QAM	1	1		17.82		18.50
100	64QAM	1	1		16.00		17.00
100	256QAM	1	1		13.99		15.00
Channel							
Frequency (MHz)				633000	633666		
				3495	3499.98	3504.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3452.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	18.39	18.82	18.63	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	18.39	18.57	18.40	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50	
100		1	137	17.83	18.03	17.85	19.50	
100		1	271	18.00	18.14	17.92	19.50	
100		135	0	17.46	17.57	17.35	19.00	
100		135	69	17.84	18.00	17.78	19.50	
100		135	138	17.53	17.62	17.44	19.00	
100		270	0	17.37	17.42	17.22	19.00	
100		1	1	17.68	17.76	17.53	19.50	
100		1	137	17.91	18.00	17.81	19.50	
100		1	271	18.17	18.27	18.03	19.50	
100	QPSK	135	0	16.83	16.94	16.75	18.50	
100		135	69	17.90	17.99	17.90	19.50	
100		135	138	16.80	17.04	16.96	18.50	
100		270	0	17.06	17.19	17.06	18.50	
100		16QAM	1	1	16.66	16.87	16.65	18.50
100		64QAM	1	1	15.06	15.18	14.93	17.00
100	256QAM	1	1	13.02	13.12	12.92	15.00	
Channel				649998	650000	662332	Tune-up Limit (dBm)	
Frequency (MHz)				3745.02	3840	3934.98		
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50	
Channel				649334	650000	662666	Tune-up Limit (dBm)	
Frequency (MHz)				3740.01	3840	3939.99		
80	PI2 BPSK	1	1	17.86	18.20	18.02	19.50	
Channel				649000	650000	663000	Tune-up Limit (dBm)	
Frequency (MHz)				3735	3840	3945		
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50	
Channel				648668	650000	663332	Tune-up Limit (dBm)	
Frequency (MHz)				3730.02	3840	3940.98		
60	PI2 BPSK	1	1	17.70	18.15	18.00	19.50	
Channel				648334	650000	663666	Tune-up Limit (dBm)	
Frequency (MHz)				3725.01	3840	3954.99		
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50	
Channel				648000	650000	664000	Tune-up Limit (dBm)	
Frequency (MHz)				3720	3840	3960		
40	PI2 BPSK	1	1	17.80	18.23	18.03	19.50	
Channel				647668	650000	664332	Tune-up Limit (dBm)	
Frequency (MHz)				3717.02	3840	3972.98		
30	PI2 BPSK	1	1	17.40	18.23	18.11	19.50	
Channel				647000	650000	664666	Tune-up Limit (dBm)	
Frequency (MHz)				3712.5	3840	3977.5		
25	PI2 BPSK	1	1	17.84	18.16	18.14	19.50	
Channel				647334	650000	664998	Tune-up Limit (dBm)	
Frequency (MHz)				3710.01	3840	3969.99		
20	PI2 BPSK	1	1	17.89	18.15	18.00	19.50	
Channel				647168	650000	664832	Tune-up Limit (dBm)	
Frequency (MHz)				3707.52	3840	3972.48		
15	PI2 BPSK	1	1	17.62	18.11	18.13	19.50	
Channel				647000	650000	665000	Tune-up Limit (dBm)	
Frequency (MHz)				3705	3840	3975		
10	PI2 BPSK	1	1	17.77	18.15	18.05	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				650000	650000	650000	
Frequency (MHz)				3750	3750	3750	
100	PI2 BPSK	1	1	18.12	18.12	18.12	19.50
100		1	137	17.61	17.61	17.61	19.50
100		1	271	17.76	17.76	17.76	19.50
100		135	0	17.35	17.35	17.35	19.00
100		135	69	17.70	17.70	17.70	19.50
100		135	138	17.14	17.14	17.14	19.00
100		270	0	17.23	17.23	17.23	19.00
100		1	1	18.11	18.11	18.11	19.50
100		1	137	17.66	17.66	17.66	19.50
100		1	271	17.78	17.78	17.78	19.50
100	QPSK	135	0	16.83	16.83	16.83	18.50
100		135	69	17.68	17.68	17.68	19.50
100		135	138	16.62	16.62	16.62	18.50
100		270	0	16.73	16.73	16.73	18.50
100		16QAM	1	1	17.23	17.23	18.50
100		64QAM	1	1	15.36	15.36	17.00
100	256QAM	1	1	13.33	13.33	13.33	15.00
Channel				649998	650000	650002	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	17.94	18.12	18.05	19.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	17.95	18.03	18.03	19.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	17.88	17.93	18.06	19.50
Channel				646668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3760.98	
60	PI2 BPSK	1	1	18.00	17.94	18.02	19.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	17.92	18.09	18.01	19.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1	17.92	18.11	18.00	19.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3717.02	3750	3764.98	
30	PI2 BPSK	1	1	18.01	18.07	18.03	19.50
Channel				647000	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3767.5	
25	PI2 BPSK	1	1	17.88	17.94	17.99	19.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3769.99	
20	PI2 BPSK	1	1	18.04	18.01	18.00	19.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3762.48	
15	PI2 BPSK	1	1	17.94	18.02	17.98	19.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	17.88	17.97	17.98	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98		633332	
100	Pi2 BPSK	1	1	18.52	18.52	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.65	18.65	18.50	19.50
100		135	0	18.25	18.25	18.50	19.50
100		135	69	18.58	18.58	18.50	19.50
100		135	138	17.99	17.99	18.50	19.50
100		270	0	18.12	18.12	18.50	19.50
100		1	1	18.55	18.55	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.54	18.54	18.50	19.50
100	QPSK	135	0	17.72	17.72	18.50	19.50
100		135	69	18.57	18.57	18.50	19.50
100		135	138	17.49	17.49	18.50	19.50
100		270	0	17.62	17.62	18.50	19.50
100	16QAM	1	1	17.80	17.80	18.50	19.50
100	64QAM	1	1	15.97	15.97	17.00	19.50
100	256QAM	1	1	13.95	13.95	15.00	19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.98	
30	Pi2 BPSK	1	1	18.44	18.49	18.35	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3452.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	18.47	18.49	18.36	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98		633332	
100	Pi2 BPSK	1	1	18.60	18.60	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.67	18.67	18.50	19.50
100		135	0	18.28	18.28	18.50	19.50
100		135	69	18.60	18.60	18.50	19.50
100		135	138	18.00	18.00	18.50	19.50
100		270	0	18.58	18.58	18.50	19.50
100		1	1	18.45	18.45	18.50	19.50
100		1	137	18.56	18.56	18.50	19.50
100		1	271	18.61	18.61	18.50	19.50
100	QPSK	135	0	17.73	17.73	18.50	19.50
100		135	69	18.61	18.61	18.50	19.50
100		135	138	17.51	17.51	18.50	19.50
100		270	0	17.61	17.61	18.50	19.50
100	16QAM	1	1	17.82	17.82	18.50	19.50
100	64QAM	1	1	16.00	16.00	17.00	19.50
100	256QAM	1	1	13.99	13.99	15.00	19.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.98	
30	Pi2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630654	633332	636000	Tune-up Limit (dBm)
				3452.51	3499.98	3537.48	
25	Pi2 BPSK	1	1	18.39	18.62	18.63	19.50
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	18.39	18.57	18.40	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mid Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)	
Channel								
Frequency (MHz)				3750	3840	3930		
100	PI2 BPSK	1	1	18.02	18.30	18.24	19.50	
100		1	137	17.83	18.03	17.85	19.50	
100		1	271	18.00	18.14	17.92	19.50	
100		135	0	17.46	17.57	17.35	19.00	
100		135	69	17.84	18.00	17.78	19.50	
100		135	138	17.53	17.62	17.44	19.00	
100		270	0	17.37	17.42	17.22	19.00	
100		1	1	17.68	17.76	17.53	19.50	
100		1	137	17.91	18.00	17.81	19.50	
100	QPSK	1	271	18.17	18.27	18.03	19.50	
100		135	0	16.83	16.94	16.75	18.50	
100		135	69	17.90	17.99	17.90	19.50	
100		135	138	16.80	17.04	16.96	18.50	
100		270	0	17.06	17.19	17.06	18.50	
100		16QAM	1	1	16.66	16.87	16.65	18.50
100		64QAM	1	1	15.06	15.18	14.93	17.00
100		256QAM	1	1	13.02	13.12	12.92	15.00
Channel				649998	650000	650002		
Frequency (MHz)				3745.02	3840	3934.98	Tune-up Limit (dBm)	
90	PI2 BPSK	1	1	17.80	18.21	18.11	19.50	
Channel				649334	650000	650666		
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)	
80	PI2 BPSK	1	1	17.86	18.20	18.02	19.50	
Channel				648900	650000	653000		
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)	
70	PI2 BPSK	1	1	17.96	18.15	18.03	19.50	
Channel				646668	650000	653332		
Frequency (MHz)				3730.02	3840	3940.98	Tune-up Limit (dBm)	
60	PI2 BPSK	1	1	17.70	18.10	18.00	19.50	
Channel				646334	650000	653666		
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)	
50	PI2 BPSK	1	1	17.78	18.16	18.08	19.50	
Channel				646000	650000	654000		
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)	
40	PI2 BPSK	1	1	17.90	18.23	18.03	19.50	
Channel				647668	650000	654332		
Frequency (MHz)				3715.02	3840	3972.98	Tune-up Limit (dBm)	
30	PI2 BPSK	1	1	17.80	18.20	18.11	19.50	
Channel				647000	650000	654666		
Frequency (MHz)				3712.5	3840	3977.5	Tune-up Limit (dBm)	
25	PI2 BPSK	1	1	17.84	18.16	18.14	19.50	
Channel				647334	650000	654998		
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)	
20	PI2 BPSK	1	1	17.89	18.15	18.00	19.50	
Channel				647168	650000	654832		
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)	
15	PI2 BPSK	1	1	17.92	18.11	18.13	19.50	
Channel				647000	650000	655000		
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)	
10	PI2 BPSK	1	1	17.77	18.15	18.05	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				650000	650000	650000	
Frequency (MHz)				3750	3750	3750	
100	PI2 BPSK	1	1	18.12	18.12	18.12	19.50
100		1	137	17.61	17.61	17.61	19.50
100		1	271	17.76	17.76	17.76	19.50
100		135	0	17.35	17.35	17.35	19.00
100		135	69	17.70	17.70	17.70	19.50
100		135	138	17.14	17.14	17.14	19.00
100		270	0	17.23	17.23	17.23	19.00
100		1	1	18.11	18.11	18.11	19.50
100		1	137	17.66	17.66	17.66	19.50
100		1	271	17.78	17.78	17.78	19.50
100	QPSK	135	0	16.83	16.83	16.83	18.50
100		135	69	17.68	17.68	17.68	19.50
100		135	138	16.62	16.62	16.62	18.50
100		270	0	16.73	16.73	16.73	18.50
100		16QAM	1	1	17.23	17.23	18.50
100		64QAM	1	1	15.36	15.36	17.00
100	256QAM	1	1	13.33	13.33	13.33	15.00
Channel				649998	650000	650002	
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	17.94	18.12	18.05	19.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	17.96	18.03	18.03	19.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	17.88	17.93	18.06	19.50
Channel				646668	650000	651332	
Frequency (MHz)				3730.02	3750	3760.98	
60	PI2 BPSK	1	1	18.00	17.94	18.02	19.50
Channel				646334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	17.92	18.09	18.01	19.50
Channel				646000	650000	652000	
Frequency (MHz)				3720	3750	3760	
40	PI2 BPSK	1	1	17.92	18.11	18.00	19.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3764.98	
30	PI2 BPSK	1	1	18.01	18.07	18.03	19.50
Channel				647000	650000	652666	
Frequency (MHz)				3712.5	3750	3767.5	
25	PI2 BPSK	1	1	17.88	17.94	17.99	19.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3769.99	
20	PI2 BPSK	1	1	18.04	18.01	18.00	19.50
Channel				647168	650000	652632	
Frequency (MHz)				3707.52	3750	3762.48	
15	PI2 BPSK	1	1	17.94	18.02	17.98	19.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	17.88	17.97	17.98	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98		633332	
100	Pi/2 BPSK	1	1	18.52	18.52	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.65	18.65	18.50	19.50
100		135	0	18.25	18.25	18.50	19.50
100		135	69	18.58	18.58	18.50	19.50
100		135	138	17.99	17.99	18.50	19.50
100		270	0	18.12	18.12	18.50	19.50
100		1	1	18.55	18.55	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.64	18.64	18.50	19.50
100	QPSK	135	0	17.72	17.72	18.50	19.50
100		135	69	18.57	18.57	18.51	19.50
100		135	138	17.49	17.49	18.50	19.50
100		270	0	17.62	17.62	18.50	19.50
100	16QAM	1	1	17.80	17.80	18.50	19.50
100	64QAM	1	1	15.97	15.97	17.00	19.50
100	256QAM	1	1	13.95	13.95	15.00	19.50
Channel							
Frequency (MHz)				633000		633666	
Frequency (MHz)				3495		3499.98	
90	Pi/2 BPSK	1	1	18.38	18.59	18.51	19.50
Channel							
Frequency (MHz)				632668		634000	
Frequency (MHz)				3490.02		3499.98	
80	Pi/2 BPSK	1	1	18.49	18.55	18.48	19.50
Channel							
Frequency (MHz)				632334		634332	
Frequency (MHz)				3485.01		3499.98	
70	Pi/2 BPSK	1	1	18.45	18.46	18.44	19.50
Channel							
Frequency (MHz)				632000		634666	
Frequency (MHz)				3480		3499.98	
60	Pi/2 BPSK	1	1	18.41	18.48	18.44	19.50
Channel							
Frequency (MHz)				631668		633000	
Frequency (MHz)				3475.02		3499.98	
50	Pi/2 BPSK	1	1	18.48	18.51	18.51	19.50
Channel							
Frequency (MHz)				631334		633332	
Frequency (MHz)				3470.01		3495.98	
40	Pi/2 BPSK	1	1	18.42	18.59	18.40	19.50
Channel							
Frequency (MHz)				631000		633332	
Frequency (MHz)				3460		3499.98	
30	Pi/2 BPSK	1	1	18.44	18.49	18.35	19.50
Channel							
Frequency (MHz)				630654		633332	
Frequency (MHz)				3452.51		3499.98	
25	Pi/2 BPSK	1	1	18.47	18.57	18.41	19.50
Channel							
Frequency (MHz)				630668		633332	
Frequency (MHz)				3460.02		3499.98	
20	Pi/2 BPSK	1	1	18.41	18.42	18.41	19.50
Channel							
Frequency (MHz)				630500		633332	
Frequency (MHz)				3457.5		3499.98	
15	Pi/2 BPSK	1	1	18.43	18.49	18.36	19.50
Channel							
Frequency (MHz)				630334		633332	
Frequency (MHz)				3455.01		3499.98	
10	Pi/2 BPSK	1	1	18.47	18.49	18.36	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3499.98		633332	
100	Pi/2 BPSK	1	1	18.60	18.60	18.50	19.50
100		1	137	18.51	18.51	18.50	19.50
100		1	271	18.67	18.67	18.50	19.50
100		135	0	18.28	18.28	18.50	19.50
100		135	69	18.60	18.60	18.50	19.50
100		135	138	18.00	18.00	18.50	19.50
100		270	0	18.58	18.58	18.50	19.50
100		1	1	18.45	18.45	18.50	19.50
100		1	137	18.56	18.56	18.50	19.50
100		1	271	18.61	18.61	18.50	19.50
100	QPSK	135	0	17.73	17.73	18.50	19.50
100		135	69	18.61	18.61	18.51	19.50
100		135	138	17.51	17.51	18.50	19.50
100		270	0	17.61	17.61	18.50	19.50
100	16QAM	1	1	17.82	17.82	18.50	19.50
100	64QAM	1	1	16.00	16.00	17.00	19.50
100	256QAM	1	1	13.99	13.99	15.00	19.50
Channel							
Frequency (MHz)				633000		633666	
Frequency (MHz)				3495		3499.98	
90	Pi/2 BPSK	1	1	18.46	18.61	18.49	19.50
Channel							
Frequency (MHz)				632668		634000	
Frequency (MHz)				3490.02		3499.98	
80	Pi/2 BPSK	1	1	18.43	18.61	18.48	19.50
Channel							
Frequency (MHz)				632334		634332	
Frequency (MHz)				3485.01		3499.98	
70	Pi/2 BPSK	1	1	18.47	18.47	18.36	19.50
Channel							
Frequency (MHz)				632000		634666	
Frequency (MHz)				3480		3499.98	
60	Pi/2 BPSK	1	1	18.38	18.59	18.37	19.50
Channel							
Frequency (MHz)				631668		633000	
Frequency (MHz)				3475.02		3499.98	
50	Pi/2 BPSK	1	1	18.51	18.58	18.50	19.50
Channel							
Frequency (MHz)				631334		633332	
Frequency (MHz)				3470.01		3495.98	
40	Pi/2 BPSK	1	1	18.57	18.56	18.36	19.50
Channel							
Frequency (MHz)				631000		633332	
Frequency (MHz)				3460		3499.98	
30	Pi/2 BPSK	1	1	18.45	18.44	18.47	19.50
Channel							
Frequency (MHz)				630654		633332	
Frequency (MHz)				3452.51		3499.98	
25	Pi/2 BPSK	1	1	18.39	18.82	18.63	19.50
Channel							
Frequency (MHz)				630668		633332	
Frequency (MHz)				3460.02		3499.98	
20	Pi/2 BPSK	1	1	18.55	18.52	18.48	19.50
Channel							
Frequency (MHz)				630500		633332	
Frequency (MHz)				3457.5		3499.98	
15	Pi/2 BPSK	1	1	18.56	18.43	18.43	19.50
Channel							
Frequency (MHz)				630334		633332	
Frequency (MHz)				3455.01		3499.98	
10	Pi/2 BPSK	1	1	18.39	18.57	18.40	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				650000	650000	650000	
Frequency (MHz)				3735	3840	3935	
100	Pi2 BPSK	1	1	19.79	19.84	19.71	20.50
100		1	137	19.52	19.73	19.53	20.50
100		1	271	19.48	19.72	19.49	20.50
100		135	0	19.15	19.32	19.11	20.00
100		135	69	19.57	19.77	19.53	20.50
100		135	138	19.15	19.26	19.11	20.00
100		270	0	19.08	19.26	19.03	20.00
100		1	1	19.68	19.83	19.63	20.50
100		1	137	19.57	19.77	19.58	20.50
100		1	271	19.05	19.75	19.08	20.50
100	QPSK	135	0	18.56	18.77	18.57	19.50
100		135	69	19.53	19.78	19.71	20.50
100		135	138	18.58	18.75	18.67	19.50
100		270	0	18.68	18.75	18.56	19.50
100	16QAM	1	1	18.77	18.96	18.82	19.50
100	64QAM	1	1	18.92	17.07	18.90	18.00
100	256QAM	1	1	14.82	14.98	14.92	16.00
Channel				650958	650000	652332	
Frequency (MHz)				3745.02	3840	3934.98	
90	Pi2 BPSK	1	1	19.58	19.64	19.53	20.50
Channel				649334	650000	650958	
Frequency (MHz)				3740.01	3840	3939.99	
80	Pi2 BPSK	1	1	19.69	19.73	19.60	20.50
Channel				648900	650000	653000	
Frequency (MHz)				3735	3840	3945	
70	Pi2 BPSK	1	1	19.74	19.76	19.52	20.50
Channel				648568	650000	653332	
Frequency (MHz)				3720.02	3840	3949.98	
60	Pi2 BPSK	1	1	19.67	19.73	19.55	20.50
Channel				648334	650000	653958	
Frequency (MHz)				3725.01	3840	3954.99	
50	Pi2 BPSK	1	1	19.63	19.76	19.56	20.50
Channel				648000	650000	654000	
Frequency (MHz)				3720	3840	3960	
40	Pi2 BPSK	1	1	19.71	19.79	19.51	20.50
Channel				647668	650000	654332	
Frequency (MHz)				3715.02	3840	3954.98	
30	Pi2 BPSK	1	1	19.65	19.84	19.50	20.50
Channel				647000	650000	654900	
Frequency (MHz)				3712.5	3840	3967.5	
25	Pi2 BPSK	1	1	19.59	19.83	19.47	20.50
Channel				647334	650000	654958	
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi2 BPSK	1	1	19.71	19.78	19.50	20.50
Channel				647168	650000	654832	
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi2 BPSK	1	1	19.73	19.73	19.58	20.50
Channel				647000	650000	655000	
Frequency (MHz)				3705	3840	3975	
10	Pi2 BPSK	1	1	19.71	19.70	19.62	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	650000	650000	
Frequency (MHz)				3750			
100	Pi2 BPSK	1	1		20.03		20.50
100		1	137		19.97		20.50
100		1	271		19.99		20.50
100		135	0		19.70		20.00
100		135	69		20.02		20.50
100		135	138		19.53		20.00
100		270	0		19.61		20.00
100		1	1		20.01		20.50
100		1	137		19.97		20.50
100		1	271		20.00		20.50
100	QPSK	135	0		19.20		19.50
100		135	69		19.98		20.50
100		135	138		19.03		19.50
100		270	0		19.10		19.50
100	16QAM	1	1		19.23		19.50
100	64QAM	1	1		17.39		18.00
100	256QAM	1	1		15.20		16.00
Channel				649558	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi2 BPSK	1	1	19.93	19.88	19.80	20.50
Channel				649334	650000	650958	
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi2 BPSK	1	1	19.84	19.87	19.75	20.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	Pi2 BPSK	1	1	19.76	19.92	19.83	20.50
Channel				648568	650000	651332	
Frequency (MHz)				3720.02	3750	3769.98	
60	Pi2 BPSK	1	1	19.78	19.90	19.82	20.50
Channel				648334	650000	651958	
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi2 BPSK	1	1	19.80	19.83	19.86	20.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	Pi2 BPSK	1	1	19.95	19.85	19.81	20.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi2 BPSK	1	1	19.79	19.88	19.88	20.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi2 BPSK	1	1	19.91	19.91	19.85	20.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi2 BPSK	1	1	19.88	19.93	19.90	20.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi2 BPSK	1	1	19.87	19.92	19.89	20.50
Channel				647000	650000	653800	
Frequency (MHz)				3705	3750	3795	
10	Pi2 BPSK	1	1	19.77	19.86	19.88	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							
Frequency (MHz)				633332			
100	Pi/2 BPSK	1	1		20.17		21.00
100		1	137		20.09		21.00
100		1	271		20.00		21.00
100		135	0		19.71		20.50
100		135	69		20.15		21.00
100		135	138		19.56		20.50
100		270	0		19.58		20.50
100		1	1		20.14		21.00
100		1	137		20.09		21.00
100		1	271		20.02		21.00
100	QPSK	135	0		19.22		20.00
100		135	69		20.15		21.00
100		135	138		19.03		20.00
100		270	0		19.09		20.00
100	16QAM	1	1		19.29		20.00
100	64QAM	1	1		17.48		18.50
100	256QAM	1	1		15.59		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3485	3489.98	3504.98	
90	Pi/2 BPSK	1	1	19.92	20.01	19.94	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3480.02	3489.98	3510	
80	Pi/2 BPSK	1	1	19.96	20.09	20.02	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3489.98	3514.98	
70	Pi/2 BPSK	1	1	20.04	20.02	20.03	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3489.98	3518.98	
60	Pi/2 BPSK	1	1	19.99	20.10	19.92	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3489.98	3525	
50	Pi/2 BPSK	1	1	19.91	19.95	20.03	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3489.98	3529.98	
40	Pi/2 BPSK	1	1	19.94	20.00	20.01	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3489.98	3534.98	
30	Pi/2 BPSK	1	1	20.07	19.94	20.05	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.51	3489.98	3537.48	
25	Pi/2 BPSK	1	1	20.03	20.10	20.05	21.00
Channel							
Frequency (MHz)				630332	633332	636332	Tune-up Limit (dBm)
				3460.02	3489.98	3540	
20	Pi/2 BPSK	1	1	19.96	20.01	20.02	21.00
Channel							
Frequency (MHz)				630000	633332	636666	Tune-up Limit (dBm)
				3457.5	3489.98	3542.49	
15	Pi/2 BPSK	1	1	20.04	19.93	19.97	21.00
Channel							
Frequency (MHz)				629668	633332	637000	Tune-up Limit (dBm)
				3455.01	3489.98	3544.98	
10	Pi/2 BPSK	1	1	19.99	20.06	20.02	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							
Frequency (MHz)				633332			
100	Pi/2 BPSK	1	1		19.87		21.00
100		1	137		19.76		21.00
100		1	271		19.49		21.00
100		135	0		19.39		20.50
100		135	69		19.81		21.00
100		135	138		19.19		20.50
100		270	0		19.29		20.50
100		1	1		19.68		21.00
100		1	137		19.79		21.00
100		1	271		19.51		21.00
100	QPSK	135	0		18.90		20.00
100		135	69		19.81		21.00
100		135	138		18.68		20.00
100		270	0		18.79		20.00
100	16QAM	1	1		18.92		20.00
100	64QAM	1	1		17.11		18.50
100	256QAM	1	1		15.05		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3485	3489.98	3504.98	
90	Pi/2 BPSK	1	1	19.70	19.83	19.67	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3480.02	3489.98	3510	
80	Pi/2 BPSK	1	1	19.77	19.71	19.75	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3489.98	3514.98	
70	Pi/2 BPSK	1	1	19.77	19.74	19.61	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3489.98	3518.98	
60	Pi/2 BPSK	1	1	19.67	19.79	19.63	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3489.98	3525	
50	Pi/2 BPSK	1	1	19.66	19.80	19.68	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3489.98	3529.98	
40	Pi/2 BPSK	1	1	19.75	19.68	19.57	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3489.98	3534.98	
30	Pi/2 BPSK	1	1	19.83	19.68	19.60	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3462.51	3489.98	3537.48	
25	Pi/2 BPSK	1	1	19.59	19.78	19.63	21.00
Channel							
Frequency (MHz)				630332	633332	636332	Tune-up Limit (dBm)
				3460.02	3489.98	3540	
20	Pi/2 BPSK	1	1	19.75	19.73	19.73	21.00
Channel							
Frequency (MHz)				630000	633332	636666	Tune-up Limit (dBm)
				3457.5	3489.98	3542.49	
15	Pi/2 BPSK	1	1	19.75	19.71	19.71	21.00
Channel							
Frequency (MHz)				629668	633332	637000	Tune-up Limit (dBm)
				3455.01	3489.98	3544.98	
10	Pi/2 BPSK	1	1	19.64	19.67	19.67	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				3720	3840	3930		
Frequency (MHz)				19.79	19.84	19.71		
100	Pi2 BPSK	1	1	19.79	19.84	19.71	20.50	
100		1	137	19.52	19.73	19.53	20.50	
100		1	271	19.48	19.72	19.48	20.50	
100		135	0	19.15	19.32	19.11	20.00	
100		135	69	19.57	19.77	19.53	20.50	
100		135	138	19.15	19.26	19.11	20.00	
100		270	0	19.09	19.26	19.03	20.00	
100		1	1	19.66	19.83	19.63	20.50	
100		1	137	19.57	19.77	19.59	20.50	
100		1	271	19.65	19.76	19.68	20.50	
100	QPSK	135	0	18.56	18.77	18.57	19.50	
100		135	69	19.53	19.78	19.71	20.50	
100		135	138	18.58	18.75	18.67	19.50	
100		270	0	18.68	18.75	18.56	19.50	
100		16QAM	1	1	18.77	18.96	18.82	19.50
100		64QAM	1	1	18.92	17.07	16.30	18.00
100		256QAM	1	1	14.82	14.88	14.92	16.00
Channel				649550	650000	652332	Tune-up Limit (dBm)	
Frequency (MHz)				3745.02	3840	3934.98		
90	Pi2 BPSK	1	1	19.58	19.84	19.53	20.50	
Channel				649334	650000	652666		
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)	
80	Pi2 BPSK	1	1	19.69	19.73	19.60	20.50	
Channel				649000	650000	653000		
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)	
70	Pi2 BPSK	1	1	19.74	19.76	19.52	20.50	
Channel				648668	650000	653332		
Frequency (MHz)				3730.02	3840	3944.98	Tune-up Limit (dBm)	
60	Pi2 BPSK	1	1	19.67	19.73	19.55	20.50	
Channel				648334	650000	653666		
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)	
50	Pi2 BPSK	1	1	19.63	19.76	19.56	20.50	
Channel				648000	650000	654000		
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)	
40	Pi2 BPSK	1	1	19.71	19.79	19.51	20.50	
Channel				647668	650000	654332		
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)	
30	Pi2 BPSK	1	1	19.66	19.84	19.50	20.50	
Channel				647330	650000	655000		
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)	
25	Pi2 BPSK	1	1	19.59	19.83	19.47	20.50	
Channel				647334	650000	654666		
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)	
20	Pi2 BPSK	1	1	19.71	19.78	19.50	20.50	
Channel				647168	650000	654832		
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)	
15	Pi2 BPSK	1	1	19.73	19.73	19.58	20.50	
Channel				647000	650000	655000		
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)	
10	Pi2 BPSK	1	1	19.71	19.70	19.62	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								
Frequency (MHz)				3750	3840	3930		
100	Pi2 BPSK	1	1	20.10	19.84	19.70	20.50	
100		1	137	19.97	19.73	19.63	20.50	
100		1	271	19.98	19.72	19.49	20.50	
100		135	0	19.70	19.53	19.11	20.00	
100		135	69	20.02	19.77	19.53	20.50	
100		135	138	19.53	19.26	19.11	20.00	
100		270	0	19.61	19.26	19.03	20.00	
100		1	1	20.01	19.83	19.63	20.50	
100		1	137	19.97	19.77	19.59	20.50	
100		1	271	20.00	19.76	19.68	20.50	
100	QPSK	135	0	19.20	18.77	18.57	19.50	
100		135	69	19.98	19.78	19.71	20.50	
100		135	138	19.03	18.75	18.67	19.50	
100		270	0	19.10	18.76	18.56	19.50	
100		16QAM	1	1	19.23	18.96	18.82	19.50
100		64QAM	1	1	17.38	17.39	16.30	18.00
100		256QAM	1	1	15.20	15.20	16.00	
Channel								
Frequency (MHz)				648668	650000	653332	Tune-up Limit (dBm)	
90	Pi2 BPSK	1	1	3745.02	3750	3764.98		
Channel								
Frequency (MHz)				648334	650000	655000	Tune-up Limit (dBm)	
80	Pi2 BPSK	1	1	3740.01	3750	3759.99		
Channel								
Frequency (MHz)				648000	650000	651000	Tune-up Limit (dBm)	
70	Pi2 BPSK	1	1	3735	3750	3765		
Channel								
Frequency (MHz)				647668	650000	651332	Tune-up Limit (dBm)	
60	Pi2 BPSK	1	1	3730.02	3750	3764.98		
Channel								
Frequency (MHz)				647334	650000	651666	Tune-up Limit (dBm)	
50	Pi2 BPSK	1	1	3725.01	3750	3774.99		
Channel								
Frequency (MHz)				647000	650000	652000	Tune-up Limit (dBm)	
40	Pi2 BPSK	1	1	3720	3750	3760		
Channel								
Frequency (MHz)				646768	650000	652332	Tune-up Limit (dBm)	
30	Pi2 BPSK	1	1	3715.02	3750	3764.98		
Channel								
Frequency (MHz)				647000	650000	652500	Tune-up Limit (dBm)	
25	Pi2 BPSK	1	1	3712.5	3750	3767.5		
Channel								
Frequency (MHz)				647334	650000	652666	Tune-up Limit (dBm)	
20	Pi2 BPSK	1	1	3710.01	3750	3769.99		
Channel								
Frequency (MHz)				647168	650000	652832	Tune-up Limit (dBm)	
15	Pi2 BPSK	1	1	3707.52	3750	3762.48		
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up Limit (dBm)	
10	Pi2 BPSK	1	1	3705	3750	3765		
Channel								
Frequency (MHz)				647000	650000	653000	Tune-up Limit (dBm)	
10	Pi2 BPSK	1	1	19.77	19.86	19.88	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.	
Channel							
Frequency (MHz)							
100	1	1	1	20.17	3693.82	3696.83	21.00
100	1	1	137	20.00	3693.82	3696.83	21.00
100	1	271	1	20.00	3693.82	3696.83	21.00
100	Pi2 BPSK	135	0	19.71	3693.82	3696.83	20.50
100		135	69	20.15	3693.82	3696.83	21.00
100		135	138	19.56	3693.82	3696.83	20.50
100		270	0	19.56	3693.82	3696.83	20.50
100	1	1	1	20.14	3693.82	3696.83	21.00
100	1	1	137	20.08	3693.82	3696.83	21.00
100	1	1	271	20.02	3693.82	3696.83	21.00
100	QPSK	135	0	19.22	3693.82	3696.83	20.00
100		135	69	20.15	3693.82	3696.83	21.00
100		135	138	19.03	3693.82	3696.83	20.00
100		270	0	19.09	3693.82	3696.83	20.00
100	16QAM	1	1	19.29	3693.82	3696.83	20.00
100	64QAM	1	1	17.48	3693.82	3696.83	18.50
100	256QAM	1	1	15.59	3693.82	3696.83	16.50
Channel							
Frequency (MHz)							
90	Pi2 BPSK	1	1	19.92	3499.98	3504.99	21.00
Channel							
Frequency (MHz)							
80	Pi2 BPSK	1	1	19.96	3499.98	3510	21.00
Channel							
Frequency (MHz)							
70	Pi2 BPSK	1	1	20.04	3499.98	3514.98	21.00
Channel							
Frequency (MHz)							
60	Pi2 BPSK	1	1	19.99	3499.98	3519.99	21.00
Channel							
Frequency (MHz)							
50	Pi2 BPSK	1	1	19.91	3499.98	3525	21.00
Channel							
Frequency (MHz)							
40	Pi2 BPSK	1	1	19.94	3499.98	3529.98	21.00
Channel							
Frequency (MHz)							
30	Pi2 BPSK	1	1	20.07	3499.98	3534.99	21.00
Channel							
Frequency (MHz)							
25	Pi2 BPSK	1	1	20.03	3499.98	3537.48	21.00
Channel							
Frequency (MHz)							
20	Pi2 BPSK	1	1	19.96	3499.98	3540	21.00
Channel							
Frequency (MHz)							
15	Pi2 BPSK	1	1	20.04	3499.98	3542.49	21.00
Channel							
Frequency (MHz)							
10	Pi2 BPSK	1	1	19.99	3499.98	3544.98	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
Channel				633332	633332	
Frequency (MHz)				3499.98		
100	Pi/2 BPSK	1	1	19.87		21.00
100		1	137	19.76		21.00
100		1	271	19.49		21.00
100		135	0	19.39		20.50
100		135	69	19.81		21.00
100		135	138	19.19		20.50
100		270	0	19.25		20.50
100		1	1	19.68		21.00
100		1	137	19.79		21.00
100		1	271	19.51		21.00
100	QPSK	135	0	18.50		20.00
100		135	69	19.81		21.00
100		135	138	18.68		20.00
100		270	0	18.79		20.00
100	16QAM	1	1	18.82		20.00
100	64QAM	1	1	17.11		18.50
100	256QAM	1	1	15.05		16.50
Channel				633360	633332	633566
Frequency (MHz)				3495	3499.98	3504.99
90	Pi/2 BPSK	1	1	19.70	19.63	19.67
Channel				6332668	633332	634000
Frequency (MHz)				3490.02	3499.98	3510
80	Pi/2 BPSK	1	1	19.77	19.71	19.75
Channel				6332334	633332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	Pi/2 BPSK	1	1	19.77	19.74	19.61
Channel				6332000	633332	634666
Frequency (MHz)				3480	3499.98	3510.99
60	Pi/2 BPSK	1	1	19.67	19.79	19.63
Channel				631668	633332	635000
Frequency (MHz)				3475.02	3499.98	3520
50	Pi/2 BPSK	1	1	19.66	19.80	19.68
Channel				631334	633332	635332
Frequency (MHz)				3470.01	3499.98	3529.98
40	Pi/2 BPSK	1	1	19.75	19.66	19.57
Channel				631000	633332	635666
Frequency (MHz)				3465	3499.98	3534.99
30	Pi/2 BPSK	1	1	19.63	19.68	19.60
Channel				630634	633332	635932
Frequency (MHz)				3462.61	3499.98	3537.48
25	Pi/2 BPSK	1	1	19.59	19.78	19.63
Channel				630668	633332	636000
Frequency (MHz)				3460.02	3499.98	3540
20	Pi/2 BPSK	1	1	19.75	19.73	19.73
Channel				630900	633332	636166
Frequency (MHz)				3457.5	3499.98	3542.49
15	Pi/2 BPSK	1	1	19.75	19.71	19.71
Channel				630564	633332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	Pi/2 BPSK	1	1	19.64	19.67	19.67

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
				650000	650000	652000	
				Channel			
				Frequency (MHz)	3750	3840	
100	Pi2 BPSK	1	1	19.79	19.84	19.71	
100		1	137	19.92	19.73	19.83	
100		1	271	19.48	19.72	19.49	
100		135	0	19.15	19.32	19.11	
100		135	69	19.97	19.77	19.53	
100		135	138	19.15	19.26	19.11	
100		270	0	19.09	19.26	19.03	
100		1	1	19.86	19.83	19.83	
100		1	137	19.97	19.77	19.99	
100		1	271	19.65	19.76	19.68	
100	QPSK	135	0	18.56	18.77	18.57	
100		135	69	19.53	19.78	19.71	
100		135	138	18.58	18.75	18.67	
100		270	0	18.68	18.75	18.56	
100		1	1	18.77	18.96	18.82	
100		1	1	18.92	17.57	18.30	
100		1	1	14.82	14.88	14.92	
				Channel	649959	650000	
				Frequency (MHz)	3745.02	3840	
90	Pi2 BPSK	1	1	19.58	19.84	19.53	
				Channel	649334	650000	
				Frequency (MHz)	3740.01	3840	
80	Pi2 BPSK	1	1	19.89	19.73	19.60	
				Channel	648999	650000	
				Frequency (MHz)	3735	3840	
70	Pi2 BPSK	1	1	19.74	19.76	19.52	
				Channel	648668	650000	
				Frequency (MHz)	3730.02	3840	
60	Pi2 BPSK	1	1	19.67	19.73	19.55	
				Channel	648334	650000	
				Frequency (MHz)	3725.01	3840	
50	Pi2 BPSK	1	1	19.63	19.76	19.56	
				Channel	648000	650000	
				Frequency (MHz)	3720	3840	
40	Pi2 BPSK	1	1	19.71	19.79	19.51	
				Channel	647668	650000	
				Frequency (MHz)	3715.02	3840	
30	Pi2 BPSK	1	1	19.86	19.84	19.50	
				Channel	647334	650000	
				Frequency (MHz)	3712.5	3840	
25	Pi2 BPSK	1	1	19.99	19.83	19.47	
				Channel	647334	650000	
				Frequency (MHz)	3710.01	3840	
20	Pi2 BPSK	1	1	19.71	19.78	19.50	
				Channel	647168	650000	
				Frequency (MHz)	3707.52	3840	
15	Pi2 BPSK	1	1	19.73	19.73	19.58	
				Channel	647000	650000	
				Frequency (MHz)	3705	3840	
10	Pi2 BPSK	1	1	19.71	19.70	19.62	

FR1 n78 (270)_Ant_2_ECI 3>							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
Channel				650000			
Frequency (MHz)				3750			
100	Pi2 BPSK	1	1	20.18	19.87	20.50	
100		1	137	19.97	19.80	20.50	
100		1	271	19.89	19.80	20.50	
100		135	0	19.70	19.80	20.00	
100		135	69	20.02	19.80	20.50	
100		135	138	19.53	19.80	20.00	
100		270	0	20.61	19.80	20.50	
100		1	1	20.01	20.50		
100		1	137	19.87	20.50		
100		1	271	20.00	20.50		
100	QPSK	135	0	19.20	19.80	19.50	
100		135	69	19.98	19.80	20.50	
100		135	138	19.03	19.80	19.50	
100		270	0	19.10	19.80	19.50	
100	16QAM	1	1	19.23	19.50		
100	64QAM	1	1	17.39	18.00		
100	256QAM	1	1	15.30	16.00		
Channel				649668	650000	650332	
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi2 BPSK	1	1	19.93	19.88	19.80	Tune-up Limit (dBm)
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi2 BPSK	1	1	19.84	19.87	19.75	20.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	Pi2 BPSK	1	1	19.76	19.92	19.83	20.50
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi2 BPSK	1	1	19.78	19.90	19.82	20.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi2 BPSK	1	1	19.80	19.83	19.84	20.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	Pi2 BPSK	1	1	19.95	19.85	19.81	20.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi2 BPSK	1	1	19.79	19.83	19.88	20.50
Channel				647334	650000	652666	
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi2 BPSK	1	1	19.91	19.91	19.85	20.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi2 BPSK	1	1	19.88	19.93	19.90	20.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi2 BPSK	1	1	19.87	19.82	19.89	20.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	Pi2 BPSK	1	1	19.77	19.86	19.88	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
Channel					633332		
Frequency (MHz)					3499.98		
100	Pi2 BPSK	1	1	20.17		21.00	
100		1	137	20.09		21.00	
100		1	271	20.00		21.00	
100		135	0	19.71		20.50	
100		135	69	20.15		21.00	
100		135	138	19.56		20.50	
100	QPSK	270	0	19.58		20.50	
100		1	1	20.14		21.00	
100		1	137	20.09		21.00	
100		1	271	20.02		21.00	
100		135	0	19.22		20.00	
100		135	69	20.15		21.00	
100	16QAM	135	138	19.03		20.00	
100		270	0	19.09		20.00	
100		1	1	19.29		20.50	
100		2520M	1	1	17.40		18.50
100		2560M	1	1	15.59		16.50
Channel				633000	633332	633666	
Frequency (MHz)				3495	3499.98	3504.99	
80	Pi2 BPSK	1	1	19.82	20.01	19.84	
Channel				632668	633332	634000	
Frequency (MHz)				3495.02	3499.98	3510	
80	Pi2 BPSK	1	1	19.86	20.09	20.02	
Channel				632794	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	
70	Pi2 BPSK	1	1	20.04	20.02	20.03	
Channel				632000	633332	634666	
Frequency (MHz)				3480	3499.98	3519.99	
60	Pi2 BPSK	1	1	19.89	20.10	19.82	
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3520	
50	Pi2 BPSK	1	1	19.91	19.89	20.03	
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi2 BPSK	1	1	19.84	20.00	20.01	
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	
30	Pi2 BPSK	1	1	20.07	19.94	20.05	
Channel				630668	633332	636000	
Frequency (MHz)				3462.01	3499.98	3537.98	
25	Pi2 BPSK	1	1	20.03	20.10	20.05	
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi2 BPSK	1	1	19.86	20.01	20.02	
Channel				630500	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi2 BPSK	1	1	20.04	19.83	19.87	
Channel				630334	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi2 BPSK	1	1	19.89	20.06	20.02	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq
Channel				633332		
Frequency (MHz)				3499.98		
100	Pi/2 BPSK	1	1	19.87		21.00
100		1	137	19.76		21.00
100		1	271	19.49		21.00
100		135	0	19.39		20.50
100		135	69	19.81		21.00
100		135	138	19.19		20.50
100		270	0	19.25		20.50
100		1	1	19.68		21.00
100		1	137	19.79		21.00
100		1	271	19.51		21.00
100	QPSK	135	0	18.50		20.00
100		135	69	19.81		21.00
100		135	138	18.68		20.00
100		270	0	18.79		20.00
100	16QAM	1	1	18.82		20.00
100	64QAM	1	1	17.11		18.50
100	256QAM	1	1	15.05		16.50
Channel				633360	633332	633566
Frequency (MHz)				3495	3499.98	3504.98
50	Pi/2 BPSK	1	1	19.70	19.63	19.67
Channel				6332668	6333332	6340000
Frequency (MHz)				3490.02	3499.98	3510
80	Pi/2 BPSK	1	1	19.77	19.71	19.75
Channel				6332334	6333332	634332
Frequency (MHz)				3485.01	3499.98	3514.98
70	Pi/2 BPSK	1	1	19.77	19.74	19.61
Channel				6332000	6333332	634666
Frequency (MHz)				3480	3499.98	3510.98
60	Pi/2 BPSK	1	1	19.67	19.79	19.63
Channel				6316668	6333332	6350000
Frequency (MHz)				3475.02	3499.98	3520
50	Pi/2 BPSK	1	1	19.66	19.80	19.68
Channel				6313334	6333332	635332
Frequency (MHz)				3470.01	3499.98	3520.98
40	Pi/2 BPSK	1	1	19.75	19.66	19.57
Channel				6310000	6333332	635666
Frequency (MHz)				3465	3499.98	3534.98
30	Pi/2 BPSK	1	1	19.63	19.68	19.60
Channel				6306334	6333332	635932
Frequency (MHz)				3462.61	3499.98	3537.48
25	Pi/2 BPSK	1	1	19.59	19.78	19.63
Channel				6306668	6333332	6360000
Frequency (MHz)				3460.02	3499.98	3540
20	Pi/2 BPSK	1	1	19.75	19.73	19.73
Channel				6309000	6333332	636166
Frequency (MHz)				3457.5	3499.98	3542.48
15	Pi/2 BPSK	1	1	19.75	19.71	19.71
Channel				6305334	6333332	636332
Frequency (MHz)				3455.01	3499.98	3544.98
10	Pi/2 BPSK	1	1	19.64	19.67	19.67

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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	650000	650000	
Frequency (MHz)				3750	3840	3930	
100	Pi2 BPSK	1	1	19.79	19.84	19.71	20.50
100		1	137	19.52	19.73	19.53	20.50
100		1	271	19.48	19.72	19.49	20.50
100		135	0	19.15	19.32	19.11	20.00
100		135	69	19.57	19.77	19.53	20.50
100		135	138	19.15	19.26	19.11	20.00
100		270	0	19.08	19.26	19.03	20.00
100		1	1	19.65	19.83	19.63	20.50
100		1	137	19.57	19.77	19.59	20.50
100		1	271	19.05	19.75	19.08	20.50
100	QPSK	135	0	18.56	18.77	18.57	19.50
100		135	69	19.53	19.78	19.71	20.50
100		135	138	18.58	18.75	18.67	19.50
100		270	0	18.68	18.75	18.56	19.50
100	16QAM	1	1	18.77	18.96	18.82	19.50
100	64QAM	1	1	18.92	17.07	18.90	18.00
100	256QAM	1	1	14.82	14.98	14.92	16.00
Channel				650998	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	Pi2 BPSK	1	1	19.58	19.84	19.53	20.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	19.69	19.73	19.60	20.50
Channel				648000	650000	663000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi2 BPSK	1	1	19.74	19.76	19.52	20.50
Channel				646668	650000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3720.02	3840	3959.98	
60	Pi2 BPSK	1	1	19.67	19.73	19.56	20.50
Channel				645334	650000	653666	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	19.63	19.76	19.56	20.50
Channel				648000	650000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	Pi2 BPSK	1	1	19.71	19.79	19.51	20.50
Channel				647668	650000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3954.98	
30	Pi2 BPSK	1	1	19.65	19.84	19.50	20.50
Channel				647000	650000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
20	Pi2 BPSK	1	1	19.59	19.83	19.47	20.50
Channel				647334	650000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi2 BPSK	1	1	19.71	19.78	19.50	20.50
Channel				647168	650000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi2 BPSK	1	1	19.73	19.73	19.58	20.50
Channel				647000	650000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	Pi2 BPSK	1	1	19.71	19.70	19.62	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	650000	650000	
Frequency (MHz)				3750			
100	Pi2 BPSK	1	1		20.03		20.50
100		1	137		19.97		20.50
100		1	271		19.99		20.50
100		135	0		19.70		20.00
100		135	69		20.02		20.50
100		135	138		19.53		20.00
100		270	0		19.61		20.00
100		1	1		20.01		20.50
100		1	137		19.97		20.50
100		1	271		20.00		20.50
100	QPSK	135	0		19.20		19.50
100		135	69		19.98		20.50
100		135	138		19.03		19.50
100		270	0		19.10		19.50
100	16QAM	1	1		19.23		19.50
100	64QAM	1	1		17.39		18.00
100	256QAM	1	1		15.20		16.00
Channel				649998	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi2 BPSK	1	1	19.93	19.88	19.80	20.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	19.84	19.87	19.75	20.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi2 BPSK	1	1	19.76	19.92	19.83	20.50
Channel				646668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3759.98	
60	Pi2 BPSK	1	1	19.78	19.90	19.82	20.50
Channel				645334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi2 BPSK	1	1	19.80	19.83	19.86	20.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi2 BPSK	1	1	19.95	19.85	19.81	20.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi2 BPSK	1	1	19.79	19.83	19.88	20.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi2 BPSK	1	1	19.91	19.91	19.85	20.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi2 BPSK	1	1	19.88	19.83	19.90	20.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi2 BPSK	1	1	19.87	19.92	19.89	20.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi2 BPSK	1	1	19.77	19.86	19.88	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		20.17		21.00
100		1	137		20.09		21.00
100		1	271		20.00		21.00
100		135	0		19.71		20.50
100		135	69		20.15		21.00
100		135	138		19.56		20.50
100		270	0		19.58		20.50
100		1	1		20.14		21.00
100		1	137		20.09		21.00
100		1	271		20.02		21.00
100	QPSK	135	0		19.22		20.00
100		135	69		20.15		21.00
100		135	138		19.03		20.00
100		270	0		19.09		20.00
100		16QAM	1	1	19.29		20.00
100		64QAM	1	1	17.48		18.50
100	256QAM	1	1		18.59		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	19.50	20.01	19.94	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.96	20.09	20.02	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	20.04	20.02	20.03	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	19.99	20.10	19.92	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.91	19.95	20.03	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.94	20.00	20.01	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	20.07	19.94	20.05	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	20.03	20.10	20.05	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.96	20.01	20.02	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	20.04	19.93	19.97	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.99	20.06	20.02	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		19.87		21.00
100		1	137		19.76		21.00
100		1	271		19.49		21.00
100		135	0		19.39		20.50
100		135	69		19.81		21.00
100		135	138		19.19		20.50
100		270	0		19.29		20.50
100		1	1		19.68		21.00
100		1	137		19.79		21.00
100		1	271		19.51		21.00
100	QPSK	135	0		18.90		20.00
100		135	69		19.81		21.00
100		135	138		18.68		20.00
100		270	0		18.79		20.00
100		16QAM	1	1	18.92		20.00
100		64QAM	1	1	17.11		18.50
100	256QAM	1	1		15.05		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	19.70	19.63	19.67	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.77	19.71	19.75	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	19.77	19.74	19.61	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	19.67	19.79	19.63	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.66	19.80	19.68	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.75	19.66	19.67	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	19.83	19.86	19.80	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	19.59	19.78	19.63	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.75	19.73	19.73	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	19.75	19.71	19.71	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.64	19.67	19.67	21.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up Limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)				19.79	19.84	19.71	20.50
100	PI2 BPSK	1	1	19.79	19.84	19.71	20.50
100		1	137	19.52	19.73	19.53	20.50
100		1	271	19.48	19.72	19.49	20.50
100		135	0	19.15	19.32	19.11	20.00
100		135	69	19.57	19.77	19.53	20.50
100		135	138	19.15	19.26	19.11	20.00
100		270	0	19.08	19.26	19.03	20.00
100		1	1	19.65	19.83	19.63	20.50
100		1	137	19.57	19.77	19.59	20.50
100		1	271	19.05	19.75	19.68	20.50
100	QPSK	135	0	18.56	18.77	18.57	19.50
100		135	69	19.53	19.78	19.71	20.50
100		135	138	18.58	18.75	18.67	19.50
100		270	0	18.68	18.75	18.56	19.50
100	16QAM	1	1	18.77	18.96	18.82	19.50
100	64QAM	1	1	18.92	17.07	18.90	18.00
100	256QAM	1	1	14.82	14.98	14.92	16.00
Channel				649998	650000	650332	
Frequency (MHz)				3748.02	3840	3934.98	
90	PI2 BPSK	1	1	19.58	19.84	19.53	20.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	
80	PI2 BPSK	1	1	19.69	19.73	19.60	20.50
Channel				648800	650000	650000	
Frequency (MHz)				3735	3840	3945	
70	PI2 BPSK	1	1	19.74	19.76	19.52	20.50
Channel				648668	650000	653332	
Frequency (MHz)				3720.02	3840	3949.98	
60	PI2 BPSK	1	1	19.67	19.73	19.56	20.50
Channel				648334	650000	653666	
Frequency (MHz)				3725.01	3840	3954.99	
50	PI2 BPSK	1	1	19.63	19.76	19.56	20.50
Channel				648000	650000	654000	
Frequency (MHz)				3720	3840	3960	
40	PI2 BPSK	1	1	19.71	19.79	19.51	20.50
Channel				647668	650000	654332	
Frequency (MHz)				3715.02	3840	3954.98	
30	PI2 BPSK	1	1	19.65	19.84	19.50	20.50
Channel				647000	650000	654000	
Frequency (MHz)				3712.5	3840	3967.5	
20	PI2 BPSK	1	1	19.59	19.83	19.47	20.50
Channel				647334	650000	654666	
Frequency (MHz)				3710.01	3840	3969.99	
20	PI2 BPSK	1	1	19.71	19.78	19.50	20.50
Channel				647168	650000	654832	
Frequency (MHz)				3707.52	3840	3972.48	
15	PI2 BPSK	1	1	19.73	19.73	19.58	20.50
Channel				647000	650000	655000	
Frequency (MHz)				3705	3840	3975	
10	PI2 BPSK	1	1	19.71	19.70	19.62	20.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up Limit (dBm)
Channel				3750			
Frequency (MHz)				19.79			
100	PI2 BPSK	1	1		20.03		20.50
100		1	137		19.97		20.50
100		1	271		19.99		20.50
100		135	0		19.70		20.00
100		135	69		20.02		20.50
100		135	138		19.53		20.00
100		270	0		19.61		20.00
100		1	1		20.01		20.50
100		1	137		19.97		20.50
100		1	271		20.00		20.50
100	QPSK	135	0		19.20		19.50
100		135	69		19.98		20.50
100		135	138		19.03		19.50
100		270	0		19.10		19.50
100	16QAM	1	1		19.23		19.50
100	64QAM	1	1		17.39		18.00
100	256QAM	1	1		15.20		16.00
Channel				649998	650000	650332	
Frequency (MHz)				3748.02	3750	3754.98	
90	PI2 BPSK	1	1		19.93		20.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1		19.84		20.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1		19.76		20.50
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3769.98	
60	PI2 BPSK	1	1		19.78		20.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1		19.80		20.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1		19.95		20.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	PI2 BPSK	1	1		19.79		20.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3787.5	
25	PI2 BPSK	1	1		19.91		20.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	PI2 BPSK	1	1		19.88		20.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	PI2 BPSK	1	1		19.87		20.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1		19.77		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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		20.17		21.00
100		1	137		20.09		21.00
100		1	271		20.00		21.00
100		135	0		19.71		20.50
100		135	69		20.15		21.00
100		135	138		19.56		20.50
100		270	0		19.58		20.50
100		1	1		20.14		21.00
100		1	137		20.09		21.00
100		1	271		20.02		21.00
100	QPSK	135	0		19.22		20.00
100		135	69		20.15		21.00
100		135	138		19.03		20.00
100		270	0		19.09		20.00
100		16QAM	1	1	19.29		20.00
100		64QAM	1	1	17.48		18.50
100	256QAM	1	1		18.59		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	19.92	20.01	19.94	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.96	20.09	20.02	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	20.04	20.02	20.03	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	19.99	20.10	19.92	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.91	19.95	20.03	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.94	20.00	20.01	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	20.07	19.94	20.05	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	20.03	20.10	20.05	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.96	20.01	20.02	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	20.04	19.93	19.97	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.99	20.06	20.02	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1		19.87		21.00
100		1	137		19.76		21.00
100		1	271		19.49		21.00
100		135	0		19.39		20.50
100		135	69		19.81		21.00
100		135	138		19.19		20.50
100		270	0		19.29		20.50
100		1	1		19.68		21.00
100		1	137		19.79		21.00
100		1	271		19.51		21.00
100	QPSK	135	0		18.90		20.00
100		135	69		19.81		21.00
100		135	138		18.68		20.00
100		270	0		18.79		20.00
100		16QAM	1	1	18.92		20.00
100		64QAM	1	1	17.11		18.50
100	256QAM	1	1		15.05		16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.98	
90	Pi/2 BPSK	1	1	19.70	19.63	19.67	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.77	19.71	19.75	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	19.77	19.74	19.61	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.98	
60	Pi/2 BPSK	1	1	19.67	19.79	19.63	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.66	19.80	19.68	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.75	19.66	19.67	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3465	3499.98	3534.98	
30	Pi/2 BPSK	1	1	19.83	19.86	19.80	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	19.59	19.78	19.63	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.75	19.73	19.73	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	19.75	19.71	19.71	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.64	19.67	19.67	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				650000	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	PI2 BPSK	1	1	19.79	19.84	19.71	20.50
100		1	137	19.52	19.73	19.53	20.50
100		1	271	19.48	19.72	19.49	20.50
100		135	0	19.15	19.32	19.11	20.00
100		135	69	19.57	19.77	19.53	20.50
100		135	138	19.15	19.26	19.11	20.00
100		270	0	19.08	19.26	19.03	20.00
100		1	1	19.65	19.83	19.63	20.50
100		1	137	19.57	19.77	19.59	20.50
100		1	271	19.05	19.75	19.68	20.50
100	QPSK	135	0	18.56	18.77	18.57	19.50
100		135	69	19.53	19.78	19.71	20.50
100		135	138	18.58	18.75	18.67	19.50
100		270	0	18.68	18.75	18.56	19.50
100	16QAM	1	1	18.77	18.96	18.82	19.50
100	64QAM	1	1	18.92	17.07	18.90	18.00
100	256QAM	1	1	14.82	14.98	14.92	16.00
Channel				649998	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI2 BPSK	1	1	19.58	19.84	19.53	20.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI2 BPSK	1	1	19.69	19.73	19.60	20.50
Channel				648600	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI2 BPSK	1	1	19.74	19.76	19.52	20.50
Channel				648668	650000	653332	Tune-up Limit (dBm)
Frequency (MHz)				3720.02	3840	3949.98	
60	PI2 BPSK	1	1	19.67	19.73	19.55	20.50
Channel				648334	650000	653666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI2 BPSK	1	1	19.63	19.76	19.56	20.50
Channel				648000	650000	654000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI2 BPSK	1	1	19.71	19.79	19.51	20.50
Channel				647668	650000	654332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3954.98	
30	PI2 BPSK	1	1	19.65	19.84	19.50	20.50
Channel				647000	650000	654000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
20	PI2 BPSK	1	1	19.59	19.83	19.47	20.50
Channel				647334	650000	654666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI2 BPSK	1	1	19.71	19.78	19.50	20.50
Channel				647168	650000	654832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI2 BPSK	1	1	19.73	19.73	19.58	20.50
Channel				647000	650000	655000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI2 BPSK	1	1	19.71	19.70	19.62	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	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3750	3750	
100	PI2 BPSK	1	1	19.03	19.03	19.03	20.50
100		1	137	19.97	19.97	19.97	20.50
100		1	271	19.99	19.99	19.99	20.50
100		135	0	19.70	19.70	19.70	20.00
100		135	69	20.02	20.02	20.02	20.50
100		135	138	19.53	19.53	19.53	20.00
100		270	0	19.61	19.61	19.61	20.00
100		1	1	20.01	20.01	20.01	20.50
100		1	137	19.97	19.97	19.97	20.50
100		1	271	20.00	20.00	20.00	20.50
100	QPSK	135	0	19.20	19.20	19.20	19.50
100		135	69	19.98	19.98	19.98	20.50
100		135	138	19.03	19.03	19.03	19.50
100		270	0	19.10	19.10	19.10	19.50
100	16QAM	1	1	19.23	19.23	19.23	19.50
100	64QAM	1	1	17.39	17.39	17.39	18.00
100	256QAM	1	1	15.20	15.20	15.20	16.00
Channel				649998	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	19.93	19.98	19.90	20.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	19.84	19.87	19.75	20.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	19.76	19.92	19.83	20.50
Channel				648668	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI2 BPSK	1	1	19.78	19.90	19.82	20.50
Channel				648334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	19.80	19.83	19.86	20.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1	19.95	19.85	19.81	20.50
Channel				647668	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI2 BPSK	1	1	19.79	19.83	19.88	20.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	PI2 BPSK	1	1	19.91	19.91	19.85	20.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI2 BPSK	1	1	19.88	19.83	19.90	20.50
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI2 BPSK	1	1	19.87	19.92	19.89	20.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	19.77	19.86	19.88	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							
Frequency (MHz)				633332	3499.98		
100	Pi/2 BPSK	1	1	20.17			21.00
100		1	137	20.09			21.00
100		1	271	20.00			21.00
100		135	0	19.71			20.50
100		135	69	20.15			21.00
100		135	138	19.56			20.50
100		270	0	19.58			20.50
100		1	1	20.14			21.00
100		1	137	20.09			21.00
100		1	271	20.02			21.00
100	QPSK	135	0	19.22			20.00
100		135	69	20.15			21.00
100		135	138	19.03			20.00
100		270	0	19.09			20.00
100	16QAM	1	1	19.29			20.00
100	64QAM	1	1	17.48			18.50
100	256QAM	1	1	15.59			16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	19.50	20.01	19.94	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.96	20.09	20.02	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	20.04	20.02	20.03	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3492	3499.98	3519.99	
60	Pi/2 BPSK	1	1	19.99	20.10	19.92	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.91	19.95	20.03	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.94	20.00	20.01	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3462	3499.98	3534.99	
30	Pi/2 BPSK	1	1	20.07	19.94	20.05	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	20.03	20.10	20.05	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.96	20.01	20.02	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	20.04	19.93	19.97	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.99	20.06	20.02	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							
Frequency (MHz)				633332	3499.98		
100	Pi/2 BPSK	1	1	19.67			21.00
100		1	137	19.76			21.00
100		1	271	19.49			21.00
100		135	0	19.39			20.50
100		135	69	19.61			21.00
100		135	138	19.19			20.50
100		270	0	19.29			20.50
100		1	1	19.68			21.00
100		1	137	19.79			21.00
100		1	271	19.51			21.00
100	QPSK	135	0	18.90			20.00
100		135	69	19.81			21.00
100		135	138	18.68			20.00
100		270	0	18.79			20.00
100	16QAM	1	1	18.92			20.00
100	64QAM	1	1	17.11			18.50
100	256QAM	1	1	15.05			16.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3495	3499.98	3504.99	
90	Pi/2 BPSK	1	1	19.70	19.63	19.67	21.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3490.02	3499.98	3510	
80	Pi/2 BPSK	1	1	19.77	19.71	19.75	21.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3485.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	19.77	19.74	19.61	21.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3480	3499.98	3519.99	
60	Pi/2 BPSK	1	1	19.67	19.79	19.63	21.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	19.66	19.80	19.68	21.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	19.75	19.66	19.57	21.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	19.63	19.86	19.60	21.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	19.59	19.78	19.63	21.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	19.75	19.73	19.73	21.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	19.75	19.71	19.71	21.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	19.64	19.67	19.67	21.00

<FR1 n77 (27Q_Ant 8_Default)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 655000	Power Middle Ch./Freq. 656000	Power High Ch./Freq. 662000	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				3750	3840	3930	
100		1	1	21.42	21.56	21.22	22.50
100		1	137	21.37	21.48	21.32	22.50
100		1	271	21.07	21.21	21.00	22.50
100	PI2 BPSK	135	0	20.76	20.97	20.73	22.00
100		135	69	21.40	21.52	21.38	22.50
100		135	138	20.81	20.90	20.69	22.00
100		270	0	20.70	20.93	20.88	22.00
100		1	1	21.12	21.34	21.28	22.50
100		1	137	21.27	21.46	21.34	22.50
100		1	271	21.04	21.21	21.00	22.50
100	QPSK	135	0	20.30	20.46	20.40	21.50
100		135	69	21.26	21.49	21.36	22.50
100		135	138	20.26	20.39	20.22	21.50
100		270	0	20.28	20.42	20.23	21.50
100	16QAM	1	1	20.24	20.48	20.25	21.50
100	64QAM	1	1	18.54	18.67	18.57	20.00
100	256QAM	1	1	16.99	16.66	16.55	18.00
Channel							
Frequency (MHz)				649550	650000	650550	
90	PI2 BPSK	1	1	21.29	21.51	21.10	22.50
Channel							
Frequency (MHz)				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	PI2 BPSK	1	1	21.37	21.50	20.99	22.50
Channel							
Frequency (MHz)				649000	650000	650000	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	PI2 BPSK	1	1	21.31	21.50	21.05	22.50
Channel							
Frequency (MHz)				648668	650000	651332	
Frequency (MHz)				3720.02	3840	3945.98	Tune-up Limit (dBm)
60	PI2 BPSK	1	1	21.33	21.48	21.16	22.50
Channel							
Frequency (MHz)				648334	650000	650666	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	PI2 BPSK	1	1	21.26	21.33	21.15	22.50
Channel							
Frequency (MHz)				648000	650000	650000	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	PI2 BPSK	1	1	21.32	21.41	21.01	22.50
Channel							
Frequency (MHz)				647668	650000	651332	
Frequency (MHz)				3715.02	3840	3964.98	Tune-up Limit (dBm)
30	PI2 BPSK	1	1	21.36	21.42	21.06	22.50
Channel							
Frequency (MHz)				647000	650000	650000	
Frequency (MHz)				3712.0	3840	3967.5	Tune-up Limit (dBm)
25	PI2 BPSK	1	1	21.26	21.45	20.97	22.50
Channel							
Frequency (MHz)				647334	650000	650666	
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)
20	PI2 BPSK	1	1	21.37	21.47	21.07	22.50
Channel							
Frequency (MHz)				647168	650000	650832	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)
15	PI2 BPSK	1	1	21.25	21.50	21.16	22.50
Channel							
Frequency (MHz)				647000	650000	650000	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	PI2 BPSK	1	1	21.28	21.40	20.99	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				3750	650000		
Frequency (MHz)							
100	Pi2 BPSK	1	1	21.37	21.48	21.32	22.50
100		1	137	21.07	21.21	21.00	22.50
100		1	271	20.76	20.97	20.73	22.00
100		135	0	21.40	21.52	21.38	22.50
100		135	138	20.81	20.90	20.69	22.00
100		270	0	20.70	20.93	20.88	22.00
100		1	1	21.12	21.34	21.28	22.50
100		1	137	21.27	21.46	21.34	22.50
100		1	271	21.04	21.21	21.00	22.50
100		135	0	20.30	20.46	20.40	21.50
100	QPSK	135	69	21.26	21.49	21.36	22.50
100		135	138	20.26	20.39	20.22	21.50
100		270	0	20.28	20.42	20.23	21.50
100		16QAM	1	1	20.24	20.48	20.25
100	64QAM	1	1	18.86	18.57	18.57	20.00
100	256QAM	1	1	16.86	16.86	16.86	18.00
Channel				648668	650000	650332	
Frequency (MHz)				3745.02	3750	3764.98	Tune-up Limit (dBm)
90	Pi2 BPSK	1	1	21.30	21.39	21.42	22.50
Channel				648334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	21.40	21.34	21.40	22.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	21.36	21.45	21.31	22.50
Channel				648668	650000	651332	
Frequency (MHz)				3730.02	3750	3764.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	21.41	21.44	21.34	22.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	21.44	21.39	21.47	22.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3760	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	21.36	21.52	21.38	22.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3764.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	21.36	21.45	21.33	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3767.5	Tune-up Limit (dBm)
25	Pi2 BPSK	1	1	21.41	21.35	21.41	22.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3769.99	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	21.41	21.47	21.45	22.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3762.48	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	21.33	21.35	21.35	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3765	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	21.31	21.51	21.39	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							
Frequency (MHz)							
100	Pi2 BPSK	1	1	22.11	3499.98		23.00
100		1	137	22.05			23.00
100		1	271	21.89			23.00
100		135	0	21.55			22.50
100		135	69	22.08			22.50
100		135	138	21.54			22.50
100		270	0	21.52			22.50
100		1	1	21.88			23.00
100		1	137	22.06			23.00
100		1	271	21.92			23.00
QPSK							
100		135	0	21.05			22.00
100		135	69	22.07			22.00
100		135	138	21.00			22.00
100		270	0	21.02			22.00
100	16QAM	1	1	20.04			20.50
100	64QAM	1	1	19.53			20.50
100	256QAM	1	1	17.56			18.50
Channel							
Frequency (MHz)							
90	Pi2 BPSK	1	1	21.83	3499.98	3504.99	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
80	Pi2 BPSK	1	1	21.94	3499.98	3510	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
70	Pi2 BPSK	1	1	21.86	3499.98	3514.98	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
60	Pi2 BPSK	1	1	21.94	3499.98	3519.99	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
50	Pi2 BPSK	1	1	21.81	3499.98	3525	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
40	Pi2 BPSK	1	1	21.93	3499.98	3529.98	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
30	Pi2 BPSK	1	1	21.89	3499.98	3534.99	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
25	Pi2 BPSK	1	1	21.96	3499.98	3537.48	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
20	Pi2 BPSK	1	1	21.86	3499.98	3540	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
15	Pi2 BPSK	1	1	21.82	3499.98	3542.49	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
10	Pi2 BPSK	1	1	21.95	3499.98	3544.98	Tune-up Limit (dBm)
Channel							
Frequency (MHz)							
10	Pi2 BPSK	1	1	21.95	3499.98	3544.98	Tune-up Limit (dBm)

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up Limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	Pi/2 BPSK	1	1		22.19		23.00
100		1	137		22.13		23.00
100		1	271		21.88		23.00
100		135	0		21.64		22.50
100		135	69		22.17		23.00
100		135	138		21.60		22.50
100		270	0		21.57		22.50
100		1	1		22.03		23.00
100		1	137		22.14		23.00
100		1	271		21.98		23.00
100	QPSK	135	0		21.74		22.00
100		135	69		22.18		23.00
100		135	138		21.07		22.00
100		270	0		21.04		22.00
100	16QAM	1	1		21.17		22.00
100	64QAM	1	1		19.38		20.50
100	256QAM	1	1		17.40		18.50
Channel				633000	633332	635666	
Frequency (MHz)				3465	3499.98	3504.99	Tune-up Limit (dBm)
90	Pi/2 BPSK	1	1	22.03	22.12	22.00	23.00
Channel				632068	633332	634000	
Frequency (MHz)				3490.02	3499.98	3510	Tune-up Limit (dBm)
80	Pi/2 BPSK	1	1	21.97	21.95	21.92	23.00
Channel				632334	633332	634332	
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up Limit (dBm)
70	Pi/2 BPSK	1	1	22.01	21.96	21.98	23.00
Channel				632000	633332	634666	
Frequency (MHz)				3465	3499.98	3510.99	Tune-up Limit (dBm)
60	Pi/2 BPSK	1	1	22.03	22.05	22.01	23.00
Channel				631668	633332	635000	
Frequency (MHz)				3475.02	3499.98	3520	Tune-up Limit (dBm)
50	Pi/2 BPSK	1	1	21.89	22.05	22.02	23.00
Channel				631334	633332	635332	
Frequency (MHz)				3470.01	3499.98	3529.98	Tune-up Limit (dBm)
40	Pi/2 BPSK	1	1	22.04	22.12	22.08	23.00
Channel				631000	633332	635666	
Frequency (MHz)				3465	3499.98	3534.99	Tune-up Limit (dBm)
30	Pi/2 BPSK	1	1	21.98	22.07	22.05	23.00
Channel				630634	633332	635932	
Frequency (MHz)				3462.91	3499.98	3537.48	Tune-up Limit (dBm)
25	Pi/2 BPSK	1	1	22.05	21.98	22.00	23.00
Channel				630668	633332	636000	
Frequency (MHz)				3460.02	3499.98	3540	Tune-up Limit (dBm)
20	Pi/2 BPSK	1	1	22.08	22.07	22.10	23.00
Channel				630900	633332	636166	
Frequency (MHz)				3457.5	3499.98	3542.49	Tune-up Limit (dBm)
15	Pi/2 BPSK	1	1	22.00	22.07	21.92	23.00
Channel				630934	633332	636332	
Frequency (MHz)				3455.01	3499.98	3544.98	Tune-up Limit (dBm)
10	Pi/2 BPSK	1	1	22.05	22.12	21.91	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mode Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)							
100	Pi2 BPSK	1	1	21.42	21.55	21.22	22.50
100		1	137	21.37	21.48	21.32	22.50
100		1	271	21.07	21.21	21.00	22.50
100		135	0	20.76	20.97	20.73	22.00
100		135	69	21.45	21.52	21.38	22.50
100		135	138	20.81	20.90	20.69	22.00
100		270	0	20.70	20.93	20.88	22.00
100		1	1	21.12	21.34	21.28	22.50
100		1	137	21.27	21.46	21.34	22.50
100		1	271	21.04	21.21	21.00	22.50
100	QPSK	135	0	20.30	20.45	20.40	21.50
100		135	69	21.26	21.49	21.36	22.50
100		135	138	20.26	20.39	20.22	21.50
100		270	0	20.28	20.42	20.23	21.50
100	16QAM	1	1	20.24	20.45	20.25	21.50
100	64QAM	1	1	18.54	18.67	18.57	20.00
100	256QAM	1	1	16.59	16.66	16.55	18.00
Channel				650000	650000	662332	
Frequency (MHz)				3745.02	3840	3934.98	
90	Pi2 BPSK	1	1	21.20	21.51	21.10	22.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	
80	Pi2 BPSK	1	1	21.37	21.50	20.99	22.50
Channel				648000	650000	663000	
Frequency (MHz)				3735	3840	3945	
70	Pi2 BPSK	1	1	21.31	21.50	21.05	22.50
Channel				646666	650000	663332	
Frequency (MHz)				3720.02	3840	3949.98	
60	Pi2 BPSK	1	1	21.33	21.40	21.16	22.50
Channel				645334	650000	650666	
Frequency (MHz)				3725.01	3840	3954.99	
50	Pi2 BPSK	1	1	21.26	21.33	21.15	22.50
Channel				648000	650000	664000	
Frequency (MHz)				3720	3840	3960	
40	Pi2 BPSK	1	1	21.32	21.41	21.01	22.50
Channel				647666	650000	664332	
Frequency (MHz)				3715.02	3840	3954.98	
30	Pi2 BPSK	1	1	21.36	21.42	21.08	22.50
Channel				647000	650000	664000	
Frequency (MHz)				3712.5	3840	3967.5	
25	Pi2 BPSK	1	1	21.26	21.45	20.97	22.50
Channel				647334	650000	664666	
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi2 BPSK	1	1	21.37	21.47	21.07	22.50
Channel				647166	650000	664832	
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi2 BPSK	1	1	21.25	21.50	21.16	22.50
Channel				647000	650000	665000	
Frequency (MHz)				3700	3840	3975	
10	Pi2 BPSK	1	1	21.28	21.40	20.99	22.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mode Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)
Channel				3750			
Frequency (MHz)							
100	Pi2 BPSK	1	1		21.59		22.50
100		1	137		21.49		22.50
100		1	271		21.34		22.50
100		135	0		21.03		22.00
100		135	69		21.57		22.50
100		135	138		21.02		22.00
100		270	0		20.99		22.00
100		1	1		21.55		22.50
100		1	137		21.54		22.50
100		1	271		21.36		22.50
100	QPSK	135	0		20.53		21.50
100		135	69		21.58		22.50
100		135	138		20.52		21.50
100		270	0		20.48		21.50
100	16QAM	1	1		20.69		21.50
100	64QAM	1	1		18.86		20.00
100	256QAM	1	1		16.86		18.00
Channel				649998	650000	660332	
Frequency (MHz)				3745.02	3750	3744.98	
90	Pi2 BPSK	1	1	21.30	21.38	21.42	22.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi2 BPSK	1	1	21.40	21.34	21.40	22.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	Pi2 BPSK	1	1	21.36	21.45	21.31	22.50
Channel				648666	650000	651332	
Frequency (MHz)				3730.02	3750	3768.98	
60	Pi2 BPSK	1	1	21.41	21.44	21.24	22.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi2 BPSK	1	1	21.44	21.38	21.47	22.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	Pi2 BPSK	1	1	21.36	21.52	21.38	22.50
Channel				647666	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi2 BPSK	1	1	21.36	21.46	21.33	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi2 BPSK	1	1	21.41	21.35	21.41	22.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi2 BPSK	1	1	21.41	21.47	21.45	22.50
Channel				647166	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi2 BPSK	1	1	21.33	21.36	21.36	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	Pi2 BPSK	1	1	21.31	21.81	21.38	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.11			23.00
100		1	137	22.05			23.00
100		1	271	21.89			23.00
100		135	0	21.55			22.50
100		135	69	22.08			23.00
100		135	138	21.54			22.50
100		270	0	21.52			22.50
100		1	1	21.88			23.00
100		1	137	22.06			23.00
100		1	271	21.92			23.00
100	QPSK	135	0	21.05			22.00
100		135	69	22.07			23.00
100		135	138	21.00			22.00
100		270	0	21.02			22.00
100		16QAM	1	1	20.04		22.00
100		64QAM	1	1	19.53		20.50
100	256QAM	1	1	17.56			18.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	21.83	21.96	21.97	23.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.94	21.96	21.96	23.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.86	21.87	22.01	23.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.94	22.04	21.87	23.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.81	21.91	22.01	23.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.93	21.89	21.99	23.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.89	21.90	21.98	23.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.95	21.87	21.92	23.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.86	21.88	21.95	23.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.82	21.99	21.92	23.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.95	21.88	21.95	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.19			23.00
100		1	137	22.13			23.00
100		1	271	21.98			23.00
100		135	0	21.84			22.50
100		135	69	22.17			23.00
100		135	138	21.80			22.50
100		270	0	21.57			22.50
100		1	1	22.03			23.00
100		1	137	22.14			23.00
100		1	271	21.98			23.00
100	QPSK	135	0	21.14			22.00
100		135	69	22.18			23.00
100		135	138	21.07			22.00
100		270	0	21.04			22.00
100		16QAM	1	1	19.17		22.00
100		64QAM	1	1	19.38		20.50
100	256QAM	1	1	17.40			18.50
Channel							
Frequency (MHz)				633000	633332	633666	Tune-up Limit (dBm)
				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	22.03	22.12	22.00	23.00
Channel							
Frequency (MHz)				632668	633332	634000	Tune-up Limit (dBm)
				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	21.97	21.95	21.92	23.00
Channel							
Frequency (MHz)				632334	633332	634332	Tune-up Limit (dBm)
				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	22.01	21.96	21.98	23.00
Channel							
Frequency (MHz)				632000	633332	634666	Tune-up Limit (dBm)
				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	22.03	22.05	22.01	23.00
Channel							
Frequency (MHz)				631668	633332	635000	Tune-up Limit (dBm)
				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.89	22.05	22.02	23.00
Channel							
Frequency (MHz)				631334	633332	635332	Tune-up Limit (dBm)
				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	22.04	22.12	22.08	23.00
Channel							
Frequency (MHz)				631000	633332	635666	Tune-up Limit (dBm)
				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.98	22.07	22.05	23.00
Channel							
Frequency (MHz)				630664	633332	636000	Tune-up Limit (dBm)
				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	22.05	21.98	22.00	23.00
Channel							
Frequency (MHz)				630668	633332	636000	Tune-up Limit (dBm)
				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	22.08	22.07	22.10	23.00
Channel							
Frequency (MHz)				630500	633332	636166	Tune-up Limit (dBm)
				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	22.00	22.07	21.92	23.00
Channel							
Frequency (MHz)				630334	633332	636332	Tune-up Limit (dBm)
				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	22.05	22.12	21.91	23.00

<FR1 n77 (270_Ant 8_ECI 3>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 65000	Power Mid Ch. / Freq. 65000	Power High Ch. / Freq. 65000	Tune-up Limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)				17.30	17.55	17.29	18.50
100	Pi2 BPSK	1	1	17.30	17.55	17.29	18.50
100		1	137	17.43	17.55	17.49	18.50
100		1	271	17.01	17.20	16.98	18.50
100		135	0	17.43	17.53	17.47	18.50
100		135	69	17.45	17.57	17.37	18.50
100		135	138	17.42	17.56	17.33	18.50
100		270	0	17.48	17.56	17.45	18.50
100		1	1	17.44	17.55	17.44	18.50
100		1	137	17.30	17.51	17.40	18.50
100		1	271	17.01	17.21	16.99	18.50
100	QPSK	135	0	17.39	17.57	17.49	18.50
100		135	69	17.27	17.52	17.36	18.50
100		135	138	17.33	17.55	17.50	18.50
100		270	0	17.29	17.45	17.23	18.50
100	16QAM	1	1	17.38	17.47	17.25	18.50
100	64QAM	1	1	17.17	17.34	17.10	18.50
100	256QAM	1	1	16.67	16.75	16.68	17.50
Channel				649998	650000	650332	
Frequency (MHz)				3745.92	3840	3934.98	Tune-up Limit (dBm)
90	Pi2 BPSK	1	1	17.20	17.51	17.17	18.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	17.22	17.49	17.08	18.50
Channel				648000	650000	650000	
Frequency (MHz)				3735	3840	3945	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	17.20	17.45	17.22	18.50
Channel				648668	650000	650332	
Frequency (MHz)				3720.92	3840	3949.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	17.23	17.37	17.23	18.50
Channel				648334	650000	650666	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	17.23	17.53	17.19	18.50
Channel				648000	650000	650000	
Frequency (MHz)				3720	3840	3960	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	17.09	17.38	17.19	18.50
Channel				647668	650000	650332	
Frequency (MHz)				3715.92	3840	3954.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	17.17	17.46	17.19	18.50
Channel				647334	650000	650000	
Frequency (MHz)				3712.5	3840	3967.5	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	17.21	17.46	17.16	18.50
Channel				647334	650000	650666	
Frequency (MHz)				3710.01	3840	3969.99	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	17.06	17.38	17.10	18.50
Channel				647168	650000	650832	
Frequency (MHz)				3707.52	3840	3972.48	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	17.17	17.37	17.22	18.50
Channel				647068	650000	650000	
Frequency (MHz)				3705	3840	3975	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	17.24	17.47	17.05	18.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 65000	Power Mid Ch. / Freq. 65000	Power High Ch. / Freq. 65000	Tune-up Limit (dBm)
Channel				3750			
Frequency (MHz)				17.30			
100	Pi2 BPSK	1	1		17.98		18.50
100		1	137		17.93		18.50
100		1	271		17.60		18.50
100		135	0		17.87		18.50
100		135	69		17.97		18.50
100		135	138		17.92		18.50
100		270	0		17.87		18.50
100		1	1		17.57		18.50
100		1	137		17.56		18.50
100		1	271		17.63		18.50
100	QPSK	135	0		17.84		18.50
100		135	69		17.91		18.50
100		135	138		17.89		18.50
100		270	0		17.74		18.50
100	16QAM	1	1		17.73		18.50
100	64QAM	1	1		17.37		18.50
100	256QAM	1	1		16.81		17.50
Channel				649998	650000	650332	
Frequency (MHz)				3745.92	3750	3744.98	Tune-up Limit (dBm)
90	Pi2 BPSK	1	1	17.87	17.74	17.76	18.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)
80	Pi2 BPSK	1	1	17.85	17.82	17.70	18.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	Tune-up Limit (dBm)
70	Pi2 BPSK	1	1	17.87	17.75	17.73	18.50
Channel				648668	650000	651332	
Frequency (MHz)				3730.92	3750	3769.98	Tune-up Limit (dBm)
60	Pi2 BPSK	1	1	17.89	17.79	17.69	18.50
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)
50	Pi2 BPSK	1	1	17.90	17.86	17.76	18.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	Tune-up Limit (dBm)
40	Pi2 BPSK	1	1	17.85	17.85	17.72	18.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.92	3750	3784.98	Tune-up Limit (dBm)
30	Pi2 BPSK	1	1	17.72	17.90	17.78	18.50
Channel				647334	650000	653000	
Frequency (MHz)				3712.5	3750	3787.5	Tune-up Limit (dBm)
25	Pi2 BPSK	1	1	17.76	17.82	17.75	18.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)
20	Pi2 BPSK	1	1	17.79	17.80	17.64	18.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	Tune-up Limit (dBm)
15	Pi2 BPSK	1	1	17.86	17.86	17.67	18.50
Channel				647068	650000	653000	
Frequency (MHz)				3705	3750	3795	Tune-up Limit (dBm)
10	Pi2 BPSK	1	1	17.76	17.81	17.77	18.50

FR1 n77 (27Q), Ant 8, ECI 3>					18, 50		Power		Power		Tune-up Limit (dBm)
BW [MHz]	Modulation	RB Size	RB Offset	Channel	Power Low Ch / Freq	Power High Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq			
Channel					633332		3499.98				
Frequency (MHz)					18.35						
100	Pi/2 BPSK	1	1							19.00	
100		1	137			18.28				19.00	
100		1	271			17.96				19.00	
100		135	0			18.30				19.00	
100		135	69			18.34				19.00	
100		135	138			18.22				19.00	
100		270	0			18.27				19.00	
100		1	1	1		18.16				19.00	
100		1	137			18.34				19.00	
100		1	271			17.98				19.00	
100	QPSK	135	0			18.32				19.00	
100		135	69			18.33				19.00	
100		135	138			18.22				19.00	
100		270	0			18.27				19.00	
100	16QAM	1	1			18.32				19.00	
100	64QAM	1	1			17.99				19.00	
100	256QAM	1	1			17.46				18.50	
Channel					633000	633332	633666				Tune-up Limit (dBm)
Frequency (MHz)					3495	3499.98	3504.99				
90	Pi/2 BPSK	1	1		18.12	18.13	18.24				19.00
Channel					632668	633332	634000				Tune-up Limit (dBm)
Frequency (MHz)					3490.02	3499.98	3510				
80	Pi/2 BPSK	1	1		18.23	18.28	18.14				19.00
Channel					632334	633332	634332				Tune-up Limit (dBm)
Frequency (MHz)					3485.01	3499.98	3514.98				
70	Pi/2 BPSK	1	1		18.21	18.28	18.10				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	18.18	18.10				19.00
Channel					631668	633332	635000				Tune-up Limit (dBm)
Frequency (MHz)					3475.02	3499.98	3525				
50	Pi/2 BPSK	1	1		18.28	18.15	18.23				19.00
Channel					631334	633332	635332				Tune-up Limit (dBm)
Frequency (MHz)					3470.01	3499.98	3529.98				
40	Pi/2 BPSK	1	1		18.23	18.28	18.11				19.00
Channel					631000	633332	635666				Tune-up Limit (dBm)
Frequency (MHz)					3465	3499.98	3534.99				
30	Pi/2 BPSK	1	1		18.16	18.10	18.14				19.00
Channel					630664	633332	636000				Tune-up Limit (dBm)
Frequency (MHz)					3462.51	3499.98	3537.48				
25	Pi/2 BPSK	1	1		18.22	18.18	18.15				19.00
Channel					630668	633332	636000				Tune-up Limit (dBm)
Frequency (MHz)					3460.02	3499.98	3540				
20	Pi/2 BPSK	1	1		18.20	18.20	18.10				19.00
Channel					630500	633332	636166				Tune-up Limit (dBm)
Frequency (MHz)					3457.5	3499.98	3542.49				
15	Pi/2 BPSK	1	1		18.26	18.19	18.23				19.00
Channel					630334	633332	636332				Tune-up Limit (dBm)
Frequency (MHz)					3455.01	3499.98	3544.98				
10	Pi/2 BPSK	1	1		18.12	18.16	18.17				19.00

<FR1 n78 (27Q) Ant 8_ECI 3>					18, 50						
BW [MHz]	Modulation	RB Size	RB Offset	Channel	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq				
Channel						633332					Tune-up Limit (dBm)
Frequency (MHz)						3499.98					
100	Pi/2 BPSK	1	1			18.40					19.00
100		1	137			18.31					19.00
100		1	271			17.82					19.00
100		135	0			18.34					19.00
100		135	69			18.35					19.00
100		135	138			18.24					19.00
100		270	0			18.27					19.00
100		1	1			18.20					19.00
100		1	137			18.36					19.00
100		1	271			17.97					19.00
100	QPSK	135	0			18.37					19.00
100		135	69			18.36					19.00
100		135	138			18.24					19.00
100		270	0			18.28					19.00
100	16QAM	1	1			18.37					19.00
100	64QAM	1	1			18.03					19.00
100	256QAM	1	1			17.50					18.50
Channel					633000	633332		633666			Tune-up Limit (dBm)
Frequency (MHz)					3495	3499.98		3504.99			
90	Pi/2 BPSK	1	1		18.32	18.27		18.11			19.00
Channel					632668	633332		634000			Tune-up Limit (dBm)
Frequency (MHz)					3490.02	3499.98		3510			
80	Pi/2 BPSK	1	1		18.28	18.26		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		18.17	18.21		18.12			19.00
Channel					632000	633332		634666			Tune-up Limit (dBm)
Frequency (MHz)					3480	3499.98		3519.99			
60	Pi/2 BPSK	1	1		18.32	18.24		18.29			19.00
Channel					631668	633332		635000			Tune-up Limit (dBm)
Frequency (MHz)					3475.02	3499.98		3525			
50	Pi/2 BPSK	1	1		18.22	18.28		18.15			19.00
Channel					631334	633332		635332			Tune-up Limit (dBm)
Frequency (MHz)					3470.01	3499.98		3529.98			
40	Pi/2 BPSK	1	1		18.19	18.23		18.16			19.00
Channel					631000	633332		635666			Tune-up Limit (dBm)
Frequency (MHz)					3465	3499.98		3534.99			
30	Pi/2 BPSK	1	1		18.16	18.26		18.27			19.00
Channel					630664	633332		636000			Tune-up Limit (dBm)
Frequency (MHz)					3462.51	3499.98		3537.48			
25	Pi/2 BPSK	1	1		18.23	18.16		18.16			19.00
Channel					630668	633332		636000			Tune-up Limit (dBm)
Frequency (MHz)					3460.02	3499.98		3540			
20	Pi/2 BPSK	1	1		18.29	18.17		18.22			19.00
Channel					630500	633332		636166			Tune-up Limit (dBm)
Frequency (MHz)					3473.75	3499.98		3549.49			
15	Pi/2 BPSK	1	1		18.15	18.15		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		18.18	18.20		18.25			19.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				65000	65000	65000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3840	3930	
100	Pi2 BPSK	1	1	21.42	21.55	21.22	22.50
100		1	137	21.37	21.48	21.32	22.50
100		1	271	21.07	21.21	21.00	22.50
100		135	0	20.76	20.97	20.73	22.00
100		135	69	21.45	21.52	21.38	22.50
100		135	138	20.81	20.90	20.69	22.00
100		270	0	20.70	20.93	20.88	22.00
100		1	1	21.12	21.34	21.28	22.50
100		1	137	21.27	21.46	21.34	22.50
100		1	271	21.04	21.21	21.00	22.50
100	QPSK	135	0	20.30	20.45	20.40	21.50
100		135	69	21.26	21.49	21.36	22.50
100		135	138	20.26	20.39	20.22	21.50
100		270	0	20.28	20.42	20.23	21.50
100	16QAM	1	1	20.24	20.45	20.25	21.50
100	64QAM	1	1	18.54	18.67	18.57	20.00
100	256QAM	1	1	16.59	16.66	16.55	18.00
Channel				65000	65000	65032	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	Pi2 BPSK	1	1	21.20	21.51	21.10	22.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	Pi2 BPSK	1	1	21.37	21.50	20.99	22.50
Channel				648000	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	Pi2 BPSK	1	1	21.31	21.50	21.05	22.50
Channel				646666	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3720.02	3840	3949.98	
60	Pi2 BPSK	1	1	21.33	21.40	21.16	22.50
Channel				645334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	Pi2 BPSK	1	1	21.26	21.33	21.15	22.50
Channel				648000	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	Pi2 BPSK	1	1	21.32	21.41	21.01	22.50
Channel				647666	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3974.98	
30	Pi2 BPSK	1	1	21.36	21.42	21.06	22.50
Channel				647000	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
25	Pi2 BPSK	1	1	21.26	21.45	20.97	22.50
Channel				647334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	Pi2 BPSK	1	1	21.37	21.47	21.07	22.50
Channel				647166	650000	650832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	Pi2 BPSK	1	1	21.25	21.50	21.16	22.50
Channel				647000	650000	650000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	Pi2 BPSK	1	1	21.28	21.40	20.99	22.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				65000	65000	65000	Tune-up Limit (dBm)
Frequency (MHz)				3750	3750	3750	
100	Pi2 BPSK	1	1		21.59		22.50
100		1	137		21.49		22.50
100		1	271		21.34		22.50
100		135	0		21.03		22.00
100		135	69		21.57		22.50
100		135	138		21.02		22.00
100		270	0		20.99		22.00
100		1	1		21.55		22.50
100		1	137		21.52		22.50
100		1	271		21.36		22.50
100	QPSK	135	0		20.53		21.50
100		135	69		21.58		22.50
100		135	138		20.52		21.50
100		270	0		20.48		21.50
100	16QAM	1	1		20.69		21.50
100	64QAM	1	1		18.86		20.00
100	256QAM	1	1		16.86		18.00
Channel				649998	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	Pi2 BPSK	1	1	21.30	21.36	21.42	22.50
Channel				649334	650000	650666	Tune-up Limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	Pi2 BPSK	1	1	21.40	21.34	21.40	22.50
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	Pi2 BPSK	1	1	21.36	21.45	21.31	22.50
Channel				646666	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	Pi2 BPSK	1	1	21.41	21.44	21.24	22.50
Channel				645334	650000	651666	Tune-up Limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	Pi2 BPSK	1	1	21.44	21.38	21.47	22.50
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	Pi2 BPSK	1	1	21.36	21.52	21.38	22.50
Channel				647666	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	Pi2 BPSK	1	1	21.36	21.46	21.33	22.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3750	3787.5	
25	Pi2 BPSK	1	1	21.41	21.35	21.41	22.50
Channel				647334	650000	652666	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	Pi2 BPSK	1	1	21.41	21.47	21.45	22.50
Channel				647166	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	Pi2 BPSK	1	1	21.33	21.36	21.36	22.50
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	Pi2 BPSK	1	1	21.31	21.81	21.38	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.11			23.00
100		1	137	22.05			23.00
100		1	271	21.89			23.00
100		135	0	21.55			22.50
100		135	69	22.08			23.00
100		135	138	21.54			22.50
100		270	0	21.52			22.50
100		1	1	21.88			23.00
100		1	137	22.06			23.00
100		1	271	21.92			23.00
100	QPSK	135	0	21.05			22.00
100		135	69	22.07			23.00
100		135	138	21.00			22.00
100		270	0	21.02			22.00
100		16QAM	1	1	20.04		22.00
100		64QAM	1	1	19.53		20.50
100	256QAM	1	1		17.56		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	21.83	21.96	21.97	23.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3500	
80	Pi/2 BPSK	1	1	21.94	21.96	21.96	23.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.86	21.87	22.01	23.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.94	22.04	21.87	23.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.81	21.91	22.01	23.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.93	21.89	21.99	23.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.89	21.90	21.98	23.00
Channel				630664	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.95	21.87	21.92	23.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.86	21.88	21.95	23.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.82	21.99	21.92	23.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.95	21.88	21.95	23.00

<FR1 n78 (27Q_Ant 8_ECI 4>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.19			23.00
100		1	137	22.13			23.00
100		1	271	21.98			23.00
100		135	0	21.84			22.50
100		135	69	22.17			23.00
100		135	138	21.80			22.50
100		270	0	21.57			22.50
100		1	1	22.03			23.00
100		1	137	22.14			23.00
100		1	271	21.98			23.00
100	QPSK	135	0	21.14			22.00
100		135	69	22.18			23.00
100		135	138	21.07			22.00
100		270	0	21.04			22.00
100		16QAM	1	1	19.17		22.00
100		64QAM	1	1	19.38		20.50
100	256QAM	1	1		17.40		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	22.03	22.12	22.00	23.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3500	
80	Pi/2 BPSK	1	1	21.97	21.95	21.92	23.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	22.01	21.96	21.98	23.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	22.03	22.05	22.01	23.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.89	22.05	22.02	23.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	22.04	22.12	22.08	23.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.98	22.07	22.05	23.00
Channel				630664	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	22.05	21.98	22.00	23.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	22.08	22.07	22.10	23.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	22.00	22.07	21.92	23.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	22.05	22.12	21.91	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mode Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)
Channel				3750	3840	3930	
Frequency (MHz)							
100	PI2 BPSK	1	1	21.42	21.55	21.22	22.50
100		1	137	21.37	21.48	21.32	22.50
100		1	271	21.07	21.21	21.00	22.50
100		135	0	20.76	20.97	20.73	22.00
100		135	69	21.45	21.52	21.38	22.50
100		135	138	20.81	20.90	20.69	22.00
100		270	0	20.70	20.93	20.88	22.00
100		1	1	21.12	21.34	21.28	22.50
100		1	137	21.27	21.46	21.34	22.50
100		1	271	21.04	21.21	21.00	22.50
100	QPSK	135	0	20.30	20.45	20.40	21.50
100		135	69	21.26	21.49	21.36	22.50
100		135	138	20.26	20.39	20.22	21.50
100		270	0	20.28	20.42	20.23	21.50
100	16QAM	1	1	20.24	20.45	20.25	21.50
100	64QAM	1	1	18.54	18.67	18.57	20.00
100	256QAM	1	1	16.59	16.66	16.55	18.00
Channel				659998	650000	662332	
Frequency (MHz)				3745.02	3840	3934.98	
90	PI2 BPSK	1	1	21.20	21.51	21.10	22.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3840	3939.99	
80	PI2 BPSK	1	1	21.37	21.50	20.99	22.50
Channel				648000	650000	663000	
Frequency (MHz)				3735	3840	3945	
70	PI2 BPSK	1	1	21.31	21.50	21.05	22.50
Channel				646668	650000	663332	
Frequency (MHz)				3720.02	3840	3949.98	
60	PI2 BPSK	1	1	21.33	21.40	21.16	22.50
Channel				645334	650000	653666	
Frequency (MHz)				3725.01	3840	3954.99	
50	PI2 BPSK	1	1	21.26	21.33	21.15	22.50
Channel				648000	650000	664000	
Frequency (MHz)				3720	3840	3960	
40	PI2 BPSK	1	1	21.32	21.41	21.01	22.50
Channel				647668	650000	664332	
Frequency (MHz)				3715.02	3840	3954.98	
30	PI2 BPSK	1	1	21.36	21.42	21.08	22.50
Channel				647000	650000	664000	
Frequency (MHz)				3712.5	3840	3967.5	
25	PI2 BPSK	1	1	21.28	21.45	20.97	22.50
Channel				647334	650000	664666	
Frequency (MHz)				3710.01	3840	3969.99	
20	PI2 BPSK	1	1	21.37	21.47	21.07	22.50
Channel				647168	650000	664832	
Frequency (MHz)				3707.52	3840	3972.48	
15	PI2 BPSK	1	1	21.25	21.50	21.16	22.50
Channel				647000	650000	665000	
Frequency (MHz)				3705	3840	3975	
10	PI2 BPSK	1	1	21.28	21.40	20.99	22.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mode Ch. / Freq. 650000	Power High Ch. / Freq. 662000	Tune-up Limit (dBm)
Channel				3750			
Frequency (MHz)							
100	PI2 BPSK	1	1		21.59		22.50
100		1	137		21.49		22.50
100		1	271		21.34		22.50
100		135	0		21.03		22.00
100		135	69		21.57		22.50
100		135	138		21.02		22.00
100		270	0		20.99		22.00
100		1	1		21.55		22.50
100		1	137		21.52		22.50
100		1	271		21.36		22.50
100	QPSK	135	0		20.53		21.50
100		135	69		21.58		22.50
100		135	138		20.52		21.50
100		270	0		20.48		21.50
100	16QAM	1	1		20.69		21.50
100	64QAM	1	1		18.86		20.00
100	256QAM	1	1		16.86		18.00
Channel				659998	650000	662332	
Frequency (MHz)				3745.02	3750	3744.98	
90	PI2 BPSK	1	1	21.30	21.38	21.42	22.50
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	
80	PI2 BPSK	1	1	21.40	21.34	21.40	22.50
Channel				649000	650000	651000	
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	21.36	21.45	21.31	22.50
Channel				646668	650000	651332	
Frequency (MHz)				3730.02	3750	3759.98	
60	PI2 BPSK	1	1	21.41	21.44	21.24	22.50
Channel				645334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	
50	PI2 BPSK	1	1	21.44	21.38	21.47	22.50
Channel				648000	650000	652000	
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1	21.36	21.52	21.38	22.50
Channel				647668	650000	652332	
Frequency (MHz)				3715.02	3750	3784.98	
30	PI2 BPSK	1	1	21.36	21.46	21.33	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3712.5	3750	3787.5	
25	PI2 BPSK	1	1	21.41	21.35	21.41	22.50
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	
20	PI2 BPSK	1	1	21.41	21.47	21.45	22.50
Channel				647168	650000	652832	
Frequency (MHz)				3707.52	3750	3792.48	
15	PI2 BPSK	1	1	21.33	21.36	21.36	22.50
Channel				647000	650000	653000	
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	21.31	21.81	21.38	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.11			23.00
100		1	137	22.05			23.00
100		1	271	21.89			23.00
100		135	0	21.55			22.50
100		135	69	22.08			23.00
100		135	138	21.54			22.50
100		270	0	21.52			22.50
100		1	1	21.88			23.00
100		1	137	22.06			23.00
100		1	271	21.92			23.00
100	QPSK	135	0	21.05			22.00
100		135	69	22.07			23.00
100		135	138	21.00			22.00
100		270	0	21.02			22.00
100		16QAM	1	1	20.04		22.00
100		64QAM	1	1	19.53		20.50
100	256QAM	1	1		17.56		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	21.83	21.96	21.97	23.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3500	
80	Pi/2 BPSK	1	1	21.94	21.96	21.96	23.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	21.86	21.87	22.01	23.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	21.94	22.04	21.87	23.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.81	21.91	22.01	23.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	21.93	21.89	21.99	23.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.89	21.90	21.98	23.00
Channel				630664	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	21.95	21.87	21.92	23.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	21.86	21.88	21.95	23.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	21.82	21.99	21.92	23.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	21.95	21.88	21.95	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	22.19			23.00
100		1	137	22.13			23.00
100		1	271	21.98			23.00
100		135	0	21.64			22.50
100		135	69	22.17			23.00
100		135	138	21.60			22.50
100		270	0	21.57			22.50
100		1	1	22.03			23.00
100		1	137	22.14			23.00
100		1	271	21.98			23.00
100	QPSK	135	0	21.14			22.00
100		135	69	22.18			23.00
100		135	138	21.07			22.00
100		270	0	21.04			22.00
100		16QAM	1	1	19.17		22.00
100		64QAM	1	1	19.38		20.50
100	256QAM	1	1		17.40		18.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	22.03	22.12	22.00	23.00
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3500	
80	Pi/2 BPSK	1	1	21.97	21.95	21.92	23.00
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	22.01	21.96	21.98	23.00
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490	3499.98	3519.99	
60	Pi/2 BPSK	1	1	22.03	22.05	22.01	23.00
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	21.89	22.05	22.02	23.00
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	22.04	22.12	22.08	23.00
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460	3499.98	3534.99	
30	Pi/2 BPSK	1	1	21.98	22.07	22.05	23.00
Channel				630664	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	22.05	21.98	22.00	23.00
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	22.08	22.07	22.10	23.00
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	22.00	22.07	21.92	23.00
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	22.05	22.12	21.91	23.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up Limit (dBm)
Channel				650000	650000	660000	
Frequency (MHz)				3750	3840	3930	
100	PI2 BPSK	1	1	15.14	15.15	15.11	17.00
100		1	137	14.92	15.13	15.03	17.00
100		1	271	14.60	14.78	14.63	17.00
100		135	0	14.87	15.11	14.87	17.00
100		135	69	15.05	15.15	15.10	17.00
100		135	138	14.99	15.14	14.99	17.00
100		270	0	15.07	15.14	15.03	17.00
100		1	1	14.93	15.13	15.00	17.00
100		1	137	15.02	15.09	14.91	17.00
100		1	271	14.60	14.79	14.63	17.00
100	QPSK	135	0	15.08	15.15	15.03	17.00
100		135	69	14.86	15.10	14.95	17.00
100		135	138	15.05	15.13	14.99	17.00
100		270	0	14.91	15.03	14.86	17.00
100	16QAM	1	1	14.96	15.05	14.95	17.00
100	64QAM	1	1	14.77	14.92	14.73	17.00
100	256QAM	1	1	14.79	14.89	14.71	17.00
Channel				650000	650000	660332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI2 BPSK	1	1	14.81	15.11	14.65	17.00
Channel				649334	650000	660666	
Frequency (MHz)				3740.01	3840	3939.99	Tune-up Limit (dBm)
80	PI2 BPSK	1	1	14.64	15.11	14.69	17.00
Channel				648000	650000	660000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI2 BPSK	1	1	14.79	15.04	14.68	17.00
Channel				646666	650000	663332	Tune-up Limit (dBm)
Frequency (MHz)				3720.02	3840	3949.98	
60	PI2 BPSK	1	1	14.81	14.91	14.71	17.00
Channel				645334	650000	663666	
Frequency (MHz)				3725.01	3840	3954.99	Tune-up Limit (dBm)
50	PI2 BPSK	1	1	14.77	14.95	14.69	17.00
Channel				648000	650000	664000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI2 BPSK	1	1	14.78	14.93	14.80	17.00
Channel				647666	650000	664332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3840	3964.98	
30	PI2 BPSK	1	1	14.85	14.89	14.69	17.00
Channel				647000	650000	664666	Tune-up Limit (dBm)
Frequency (MHz)				3712.5	3840	3967.5	
20	PI2 BPSK	1	1	14.65	15.07	14.69	17.00
Channel				647334	650000	664999	Tune-up Limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI2 BPSK	1	1	14.77	15.05	14.69	17.00
Channel				647168	650000	664832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI2 BPSK	1	1	14.65	15.09	14.80	17.00
Channel				647000	650000	665000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI2 BPSK	1	1	14.67	15.01	14.73	17.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	
Channel					650000		
Frequency (MHz)					3750		
100	PI2 BPSK	1	1		15.13		17.00
100		1	137		15.08		17.00
100		1	271		14.75		17.00
100		135	0		15.02		17.00
100		135	69		15.12		17.00
100		135	138		15.07		17.00
100		270	0		15.02		17.00
100		1	1		14.72		17.00
100		1	137		15.10		17.00
100		1	271		14.78		17.00
100	QPSK	135	0		14.99		17.00
100		135	69		15.06		17.00
100		135	138		15.04		17.00
100		270	0		14.89		17.00
100	16QAM	1	1		14.88		17.00
100	64QAM	1	1		14.99		17.00
100	256QAM	1	1		14.91		17.00
Channel				649666	650000	650332	Tune-up Limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI2 BPSK	1	1	14.79	14.88	14.81	17.00
Channel				649334	650000	650666	
Frequency (MHz)				3740.01	3750	3759.99	Tune-up Limit (dBm)
80	PI2 BPSK	1	1	14.77	14.88	14.83	17.00
Channel				649000	650000	651000	Tune-up Limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI2 BPSK	1	1	14.84	14.81	14.91	17.00
Channel				648666	650000	651332	Tune-up Limit (dBm)
Frequency (MHz)				3730.02	3750	3768.98	
60	PI2 BPSK	1	1	14.78	14.81	14.91	17.00
Channel				648334	650000	651666	
Frequency (MHz)				3725.01	3750	3774.99	Tune-up Limit (dBm)
50	PI2 BPSK	1	1	14.86	14.96	14.76	17.00
Channel				648000	650000	652000	Tune-up Limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI2 BPSK	1	1	14.86	14.96	14.79	17.00
Channel				647666	650000	652332	Tune-up Limit (dBm)
Frequency (MHz)				3715.02	3750	3784.98	
30	PI2 BPSK	1	1	14.92	14.82	14.95	17.00
Channel				647334	650000	652666	
Frequency (MHz)				3710.01	3750	3789.99	Tune-up Limit (dBm)
20	PI2 BPSK	1	1	14.88	14.84	14.87	17.00
Channel				647168	650000	652832	Tune-up Limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI2 BPSK	1	1	14.86	14.87	14.81	17.00
Channel				647000	650000	653000	Tune-up Limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI2 BPSK	1	1	14.77	14.94	14.92	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	15.84			17.50
100		1	137	15.81			17.50
100		1	271	15.45			17.50
100		135	0	15.82			17.50
100		135	69	15.83			17.50
100		135	138	15.52			17.50
100		270	0	15.81			17.50
100		1	1	15.46			17.50
100		1	137	15.64			17.50
100		1	271	15.28			17.50
100	QPSK	135	0	15.62			17.50
100		135	69	15.63			17.50
100		135	138	15.52			17.50
100		270	0	15.57			17.50
100		16QAM	1	1	15.80		17.50
100		64QAM	1	1	15.47		17.50
100	256QAM	1	1	15.46			17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	15.56	15.66	15.66	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	15.62	15.79	15.57	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	15.68	15.72	15.76	17.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3519.99	
60	Pi/2 BPSK	1	1	15.56	15.61	15.63	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	15.63	15.67	15.75	17.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	15.58	15.72	15.60	17.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3534.99	
30	Pi/2 BPSK	1	1	15.68	15.77	15.85	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	15.65	15.72	15.67	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	15.67	15.62	15.58	17.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	15.68	15.72	15.77	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	15.63	15.62	15.66	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							
Frequency (MHz)				633332		3499.98	
100	Pi/2 BPSK	1	1	15.90			17.50
100		1	137	15.82			17.50
100		1	271	15.45			17.50
100		135	0	15.82			17.50
100		135	69	15.84			17.50
100		135	138	15.68			17.50
100		270	0	15.74			17.50
100		1	1	15.74			17.50
100		1	137	15.38			17.50
100		1	271	15.50			17.50
100	QPSK	135	0	15.84			17.50
100		135	69	15.83			17.50
100		135	138	15.70			17.50
100		270	0	15.78			17.50
100		16QAM	1	1	15.89		17.50
100		64QAM	1	1	15.54		17.50
100	256QAM	1	1	15.52			17.50
Channel				633000	633332	633666	Tune-up Limit (dBm)
Frequency (MHz)				3499.98	3499.98	3500.02	
90	Pi/2 BPSK	1	1	15.70	15.70	15.60	17.50
Channel				632668	633332	634000	Tune-up Limit (dBm)
Frequency (MHz)				3499.02	3499.98	3510	
80	Pi/2 BPSK	1	1	15.65	15.65	15.64	17.50
Channel				632334	633332	634332	Tune-up Limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	
70	Pi/2 BPSK	1	1	15.81	15.66	15.79	17.50
Channel				632000	633332	634666	Tune-up Limit (dBm)
Frequency (MHz)				3490.02	3499.98	3519.99	
60	Pi/2 BPSK	1	1	15.67	15.75	15.67	17.50
Channel				631668	633332	635000	Tune-up Limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	Pi/2 BPSK	1	1	15.71	15.70	15.76	17.50
Channel				631334	633332	635332	Tune-up Limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	Pi/2 BPSK	1	1	15.81	15.71	15.78	17.50
Channel				631000	633332	635666	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3534.99	
30	Pi/2 BPSK	1	1	15.75	15.72	15.68	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	Pi/2 BPSK	1	1	15.65	15.78	15.60	17.50
Channel				630668	633332	636000	Tune-up Limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	Pi/2 BPSK	1	1	15.78	15.81	15.69	17.50
Channel				630500	633332	636166	Tune-up Limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	Pi/2 BPSK	1	1	15.75	15.84	15.66	17.50
Channel				630334	633332	636332	Tune-up Limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	Pi/2 BPSK	1	1	15.72	15.68	15.74	17.50

2.4GHz WLAN_Ant 6_Hand Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	1	2412	17.00	18.00	18.00	18.00
	6	2437	17.00	18.00	18.00	18.00
	11	2462	17.00	18.00	18.00	18.00

5.2GHz WLAN_Ant 6_Hand Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	36	5180	17.00	18.00	18.00	18.00
	40	5200	17.00	18.00	18.00	18.00
	44	5220	17.00	18.00	18.00	18.00

5.8GHz WLAN_Ant 6_Hand Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	34	5610	17.00	17.00	18.00	18.00
	36	5630	17.00	17.00	18.00	18.00
	38	5650	17.00	17.00	18.00	18.00

5.8GHz WLAN_Ant 6_Hand Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

5.8GHz WLAN_Ant 6_Hand Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

2.4GHz WLAN_Ant 6_Hotspot Simultaneous						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	1	2412	16.97	18.00	18.00	18.00
	6	2437	17.00	17.00	18.00	18.00
	11	2462	17.00	17.00	18.00	18.00

5.2GHz WLAN_Ant 6_Hotspot Simultaneous						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	34	5210	17.00	17.00	18.00	18.00
	36	5230	17.00	17.00	18.00	18.00
	38	5250	17.00	17.00	18.00	18.00

5.8GHz WLAN_Ant 6_Hotspot Simultaneous						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

2.4GHz WLAN_Ant 6_Body worn Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	1	2412	17.00	17.00	18.00	18.00
	6	2437	17.00	18.00	18.00	18.00
	11	2462	17.00	18.00	18.00	18.00

5.2GHz WLAN_Ant 6_Body worn Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	34	5210	17.00	17.00	18.00	18.00
	36	5230	17.00	17.00	18.00	18.00
	38	5250	17.00	17.00	18.00	18.00

5.8GHz WLAN_Ant 6_Body worn Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	166	5610	17.00	17.00	18.00	18.00
	168	5630	17.00	17.00	18.00	18.00
	170	5650	17.00	17.00	18.00	18.00

5.8GHz WLAN_Ant 6_Body worn Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11ac 86.7Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

5.8GHz WLAN_Ant 6_Body worn Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

5.2GHz WLAN_Ant 6_Extremity Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	36	5180	17.00	18.00	18.00	18.00
	40	5200	17.00	18.00	18.00	18.00
	44	5220	17.00	18.00	18.00	18.00

5.2GHz WLAN_Ant 6_Extremity Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	36	5180	17.00	18.00	18.00	18.00
	40	5200	17.00	18.00	18.00	18.00
	44	5220	17.00	18.00	18.00	18.00

5.8GHz WLAN_Ant 6_Extremity Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

5.8GHz WLAN_Ant 6_Extremity Standalone						
Ant 6						
Mode	Channel	Frequency (MHz)	Average Power (dBm)	Transp. Loss	Dist. (km)	Dist. (km)
802.11n 18Mbps	166	5610	17.00	18.00	18.00	18.00
	168	5630	17.00	18.00	18.00	18.00
	170	5650	17.00	18.00	18.00	18.00

<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		15.50	76.67
	39	2441		15.50	76.67
	76	2480	13.70	15.50	76.67