Full&Default Power Mode

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00

GSM1900 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00

Band		WCDMA II Ant 0			Tune-up Limit (dBm)	WCDMA IV Ant 0			Tune-up Limit (dBm)	WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.01	22.10	22.08	23.00	22.01	22.15	22.13	23.00	24.18	24.22	24.17	25.00

Band 2 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.51	22.66	22.58	24	0

Band 4 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.52	22.58	22.45	24	0

Band 66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.58	22.65	22.53	24	0

Band 7 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.35	23.40	23.37	25	0

Band 38 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.36	23.41	23.39	25	0

Band 41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.32	23.39	23.46	23.43	23.35	25	0

Band 41 HPUE Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.35	26.30	26.38	26.25	26.32	28	0

Band 5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.08	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.03	22.90		
10	QPSK	1	49	23.02	23.09	22.87		
10	QPSK	25	0	21.99	22.01	21.95	23	1
10	QPSK	25	12	21.84	21.96	21.93		
10	QPSK	25	25	21.94	21.97	21.95		
10	QPSK	50	0	21.95	21.99	21.92		
10	16QAM	1	0	21.90	21.94	21.91	23	1
10	16QAM	1	25	21.74	21.95	21.79		
10	16QAM	1	49	21.87	21.88	21.79		
10	16QAM	25	0	21.03	21.03	20.94	22	2
10	16QAM	25	12	20.86	20.97	20.85		
10	16QAM	25	25	20.91	21.02	20.84		
10	16QAM	50	0	20.97	21.08	20.98		
10	64QAM	1	0	20.83	21.03	20.79	22	2
10	64QAM	1	25	20.76	20.80	20.67		
10	64QAM	1	49	20.79	20.84	20.77		
10	64QAM	25	0	19.93	19.99	20.00	21	3
10	64QAM	25	12	19.93	19.97	19.94		
10	64QAM	25	25	19.85	19.97	19.89		
10	64QAM	50	0	19.99	20.01	19.95		
10	256QAM	1	0	17.92	18.00	17.98	19	5
10	256QAM	1	25	17.96	17.97	17.91		
10	256QAM	1	49	17.87	18.06	17.90		
10	256QAM	25	0	18.04	17.98	17.92	19	5
10	256QAM	25	12	17.82	17.96	17.90		
10	256QAM	25	25	17.80	17.82	17.82		
10	256QAM	50	0	17.88	17.97	17.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.01	23.05	22.84	24	0
5	QPSK	1	12	22.81	22.95	22.81		
5	QPSK	1	24	22.94	23.06	22.81		
5	QPSK	12	0	21.87	21.95	21.81	23	1
5	QPSK	12	7	21.73	21.82	21.84		
5	QPSK	12	13	21.89	21.92	21.89		
5	QPSK	25	0	21.82	21.96	21.86		
5	16QAM	1	0	21.79	21.87	21.87	23	1
5	16QAM	1	12	21.60	21.82	21.68		
5	16QAM	1	24	21.80	21.86	21.76		
5	16QAM	12	0	21.01	21.00	20.86	22	2
5	16QAM	12	7	20.76	20.94	20.75		
5	16QAM	12	13	20.85	20.96	20.75		
5	16QAM	25	0	20.84	20.97	20.90		
5	64QAM	1	0	20.79	20.96	20.67	22	2
5	64QAM	1	12	20.62	20.76	20.61		
5	64QAM	1	24	20.69	20.73	20.71		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.85	19.88	19.91		
5	64QAM	12	13	19.79	19.88	19.77		
5	64QAM	25	0	19.90	19.91	19.85		
5	256QAM	1	0	17.90	17.92	17.94	19	5
5	256QAM	1	12	17.90	17.93	17.89		
5	256QAM	1	24	17.75	18.00	17.83		
5	256QAM	12	0	17.97	17.95	17.82	19	5
5	256QAM	12	7	17.76	17.89	17.83		
5	256QAM	12	13	17.76	17.70	17.71		
5	256QAM	25	0	17.86	17.90	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	22.98	22.87	24	0
3	QPSK	1	8	22.88	22.93	22.81		
3	QPSK	1	14	22.97	23.01	22.79		
3	QPSK	8	0	21.94	21.95	21.91	23	1
3	QPSK	8	4	21.81	21.86	21.90		
3	QPSK	8	7	21.91	21.87	21.86		
3	QPSK	15	0	21.87	21.91	21.78		
3	16QAM	1	0	21.82	21.90	21.82	23	1
3	16QAM	1	8	21.65	21.88	21.67		
3	16QAM	1	14	21.78	21.77	21.69		
3	16QAM	8	0	20.95	20.97	20.86	22	2
3	16QAM	8	4	20.74	20.86	20.76		
3	16QAM	8	7	20.83	20.94	20.78		
3	16QAM	15	0	20.85	20.95	20.95		
3	64QAM	1	0	20.69	20.94	20.70	22	2
3	64QAM	1	8	20.72	20.75	20.55		
3	64QAM	1	14	20.69	20.75	20.64		
3	64QAM	8	0	19.89	19.95	19.94	21	3
3	64QAM	8	4	19.89	19.84	19.92		
3	64QAM	8	7	19.81	19.91	19.80		
3	64QAM	15	0	19.88	19.90	19.93		
3	256QAM	1	0	17.85	17.98	17.94	19	5
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.84	17.97	17.80		
3	256QAM	8	0	17.99	17.89	17.87	19	5
3	256QAM	8	4	17.70	17.89	17.87		
3	256QAM	8	7	17.69	17.77	17.73		
3	256QAM	15	0	17.81	17.86	17.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.04	22.95	22.91	24	0
1.4	QPSK	1	3	22.82	22.99	22.95		
1.4	QPSK	1	5	22.89	23.03	22.87		
1.4	QPSK	3	0	22.97	22.90	22.77		
1.4	QPSK	3	1	22.67	22.99	22.81		
1.4	QPSK	3	3	22.80	22.89	22.82		
1.4	QPSK	6	0	21.85	21.93	21.88	23	1
1.4	16QAM	1	0	21.85	21.93	21.82	23	1
1.4	16QAM	1	3	21.66	21.80	21.79		
1.4	16QAM	1	5	21.78	21.78	21.68		
1.4	16QAM	3	0	21.64	21.83	21.79		
1.4	16QAM	3	1	21.73	21.80	21.79		
1.4	16QAM	3	3	21.55	21.81	21.67		
1.4	16QAM	6	0	20.85	21.03	20.96	22	2
1.4	64QAM	1	0	20.73	20.85	20.82	22	2
1.4	64QAM	1	3	20.69	20.79	20.53		
1.4	64QAM	1	5	20.60	20.82	20.78		
1.4	64QAM	3	0	20.67	20.95	20.79		
1.4	64QAM	3	1	20.68	20.87	20.65		
1.4	64QAM	3	3	20.68	20.62	20.49		
1.4	64QAM	6	0	19.83	19.89	19.87	21	3
1.4	256QAM	1	0	17.95	17.82	17.87	19	5
1.4	256QAM	1	3	17.79	17.79	17.78		
1.4	256QAM	1	5	17.90	17.96	17.69		
1.4	256QAM	3	0	17.91	17.88	17.94		
1.4	256QAM	3	1	17.90	17.83	17.89		
1.4	256QAM	3	3	17.65	17.78	17.72		
1.4	256QAM	6	0	17.72	17.90	17.61	19	5

Band 12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.10	23.14	23.08	24	0
10	QPSK	1	25	22.88	23.01	22.98		
10	QPSK	1	49	23.02	23.00	23.03		
10	QPSK	25	0	21.92	21.96	21.95	23	1
10	QPSK	25	12	21.86	21.85	21.82		
10	QPSK	25	25	21.88	21.94	21.90		
10	QPSK	50	0	21.87	21.91	21.87		
10	16QAM	1	0	21.83	21.86	21.82	23	1
10	16QAM	1	25	21.84	21.82	21.73		
10	16QAM	1	49	21.77	21.88	21.81		
10	16QAM	25	0	20.93	20.94	21.00	22	2
10	16QAM	25	12	20.90	20.80	20.86		
10	16QAM	25	25	20.92	20.94	20.87		
10	16QAM	50	0	20.88	20.95	20.85		
10	64QAM	1	0	20.88	20.89	20.83	22	2
10	64QAM	1	25	20.85	20.79	20.70		
10	64QAM	1	49	20.78	20.86	20.87		
10	64QAM	25	0	19.87	19.97	19.98	21	3
10	64QAM	25	12	19.89	19.83	19.79		
10	64QAM	25	25	19.94	19.89	19.88		
10	64QAM	50	0	19.84	19.88	19.92		
10	256QAM	1	0	17.97	17.94	17.91	19	5
10	256QAM	1	25	17.83	17.89	17.81		
10	256QAM	1	49	17.84	17.90	17.91		
10	256QAM	25	0	17.82	17.88	17.87	19	5
10	256QAM	25	12	17.86	17.87	17.85		
10	256QAM	25	25	17.85	17.83	17.74		
10	256QAM	50	0	17.76	17.89	17.85		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	23.07	23.03	24	0
5	QPSK	1	12	22.95	22.95	22.94		
5	QPSK	1	24	22.92	22.94	22.92		
5	QPSK	12	0	21.80	21.94	21.91	23	1
5	QPSK	12	7	21.80	21.75	21.70		
5	QPSK	12	13	21.74	21.90	21.85		
5	QPSK	25	0	21.76	21.85	21.74		
5	16QAM	1	0	21.76	21.82	21.77	23	1
5	16QAM	1	12	21.80	21.75	21.61		
5	16QAM	1	24	21.64	21.81	21.75		
5	16QAM	12	0	20.85	20.86	20.97	22	2
5	16QAM	12	7	20.77	20.77	20.83		
5	16QAM	12	13	20.90	20.87	20.83		
5	16QAM	25	0	20.82	20.87	20.71		
5	64QAM	1	0	20.75	20.80	20.76	22	2
5	64QAM	1	12	20.79	20.67	20.56		
5	64QAM	1	24	20.69	20.76	20.80		
5	64QAM	12	0	19.82	19.88	19.94	21	3
5	64QAM	12	7	19.87	19.76	19.65		
5	64QAM	12	13	19.83	19.84	19.81		
5	64QAM	25	0	19.73	19.77	19.80		
5	256QAM	1	0	17.87	17.84	17.80	19	5
5	256QAM	1	12	17.75	17.82	17.69		
5	256QAM	1	24	17.77	17.77	17.86		
5	256QAM	12	0	17.77	17.85	17.81	19	5
5	256QAM	12	7	17.77	17.81	17.71		
5	256QAM	12	13	17.80	17.75	17.60		
5	256QAM	25	0	17.63	17.85	17.80		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.02	23.03	24	0
3	QPSK	1	8	22.85	22.95	22.96		
3	QPSK	1	14	22.99	22.97	22.93		
3	QPSK	8	0	21.88	21.87	21.84	23	1
3	QPSK	8	4	21.81	21.80	21.75		
3	QPSK	8	7	21.81	21.84	21.86		
3	QPSK	15	0	21.77	21.79	21.75		
3	16QAM	1	0	21.72	21.72	21.79	23	1
3	16QAM	1	8	21.77	21.68	21.68		
3	16QAM	1	14	21.67	21.79	21.67		
3	16QAM	8	0	20.87	20.89	20.89	22	2
3	16QAM	8	4	20.86	20.73	20.78		
3	16QAM	8	7	20.82	20.80	20.80		
3	16QAM	15	0	20.79	20.85	20.78		
3	64QAM	1	0	20.83	20.86	20.77	22	2
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.71	20.76	20.82		
3	64QAM	8	0	19.80	19.83	19.85	21	3
3	64QAM	8	4	19.81	19.75	19.76		
3	64QAM	8	7	19.88	19.80	19.81		
3	64QAM	15	0	19.76	19.81	19.79		
3	256QAM	1	0	17.92	17.85	17.79	19	5
3	256QAM	1	8	17.71	17.85	17.72		
3	256QAM	1	14	17.76	17.80	17.85		
3	256QAM	8	0	17.79	17.82	17.80	19	5
3	256QAM	8	4	17.83	17.77	17.75		
3	256QAM	8	7	17.77	17.72	17.70		
3	256QAM	15	0	17.72	17.80	17.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.99	23.10	23.03	24	0
1.4	QPSK	1	3	22.86	22.98	22.91		
1.4	QPSK	1	5	22.94	22.94	22.93		
1.4	QPSK	3	0	22.86	23.06	23.00		
1.4	QPSK	3	1	22.80	22.94	22.84		
1.4	QPSK	3	3	22.87	22.83	22.86		
1.4	QPSK	6	0	21.80	21.83	21.77	23	1
1.4	16QAM	1	0	21.76	21.77	21.72	23	1
1.4	16QAM	1	3	21.75	21.79	21.68		
1.4	16QAM	1	5	21.74	21.81	21.74		
1.4	16QAM	3	0	21.70	21.80	21.68		
1.4	16QAM	3	1	21.67	21.72	21.63		
1.4	16QAM	3	3	21.70	21.75	21.58		
1.4	16QAM	6	0	20.86	20.87	20.79	22	2
1.4	64QAM	1	0	20.84	20.81	20.77	22	2
1.4	64QAM	1	3	20.72	20.69	20.67		
1.4	64QAM	1	5	20.72	20.79	20.73		
1.4	64QAM	3	0	20.75	20.81	20.67		
1.4	64QAM	3	1	20.73	20.69	20.75		
1.4	64QAM	3	3	20.64	20.56	20.61		
1.4	64QAM	6	0	19.81	19.76	19.90	21	3
1.4	256QAM	1	0	17.91	17.85	17.80	19	5
1.4	256QAM	1	3	17.73	17.87	17.74		
1.4	256QAM	1	5	17.71	17.88	17.85		
1.4	256QAM	3	0	17.72	17.84	17.81		
1.4	256QAM	3	1	17.75	17.77	17.80		
1.4	256QAM	3	3	17.82	17.73	17.62		
1.4	256QAM	6	0	17.68	17.76	17.72	19	5

Band 17 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.05	23.10	23.06	24	0
10	QPSK	1	25	22.89	22.96	22.98		
10	QPSK	1	49	22.95	22.92	23.01		
10	QPSK	25	0	21.81	21.87	21.86	23	1
10	QPSK	25	12	21.80	21.79	21.79		
10	QPSK	25	25	21.83	21.84	21.79		
10	QPSK	50	0	21.84	21.85	21.84		
10	16QAM	1	0	21.75	21.80	21.72	23	1
10	16QAM	1	25	21.82	21.76	21.61		
10	16QAM	1	49	21.75	21.84	21.78		
10	16QAM	25	0	20.91	20.92	20.98	22	2
10	16QAM	25	12	20.89	20.73	20.81		
10	16QAM	25	25	20.85	20.88	20.83		
10	16QAM	50	0	20.82	20.83	20.82		
10	64QAM	1	0	20.76	20.85	20.80	22	2
10	64QAM	1	25	20.79	20.78	20.60		
10	64QAM	1	49	20.68	20.82	20.77		
10	64QAM	25	0	19.86	19.92	19.97	21	3
10	64QAM	25	12	19.82	19.78	19.78		
10	64QAM	25	25	19.85	19.85	19.85		
10	64QAM	50	0	19.74	19.82	19.88		
10	256QAM	1	0	17.85	17.87	17.81	19	5
10	256QAM	1	25	17.71	17.88	17.73		
10	256QAM	1	49	17.77	17.84	17.87		
10	256QAM	25	0	17.71	17.86	17.75	19	5
10	256QAM	25	12	17.82	17.86	17.74		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.72	17.84	17.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.93	23.01	23.03	24	0
5	QPSK	1	12	22.79	22.90	22.90		
5	QPSK	1	24	22.85	22.86	22.90		
5	QPSK	12	0	21.75	21.75	21.79	23	1
5	QPSK	12	7	21.69	21.67	21.75		
5	QPSK	12	13	21.72	21.84	21.69		
5	QPSK	25	0	21.80	21.85	21.76		
5	16QAM	1	0	21.74	21.77	21.63	23	1
5	16QAM	1	12	21.76	21.65	21.52		
5	16QAM	1	24	21.68	21.83	21.76		
5	16QAM	12	0	20.84	20.84	20.97	22	2
5	16QAM	12	7	20.83	20.71	20.80		
5	16QAM	12	13	20.78	20.85	20.78		
5	16QAM	25	0	20.74	20.75	20.80		
5	64QAM	1	0	20.67	20.79	20.72	22	2
5	64QAM	1	12	20.77	20.71	20.49		
5	64QAM	1	24	20.56	20.73	20.76		
5	64QAM	12	0	19.75	19.89	19.87	21	3
5	64QAM	12	7	19.74	19.69	19.72		
5	64QAM	12	13	19.81	19.73	19.80		
5	64QAM	25	0	19.73	19.75	19.87		
5	256QAM	1	0	17.76	17.76	17.69	19	5
5	256QAM	1	12	17.66	17.83	17.71		
5	256QAM	1	24	17.73	17.79	17.84		
5	256QAM	12	0	17.69	17.75	17.68	19	5
5	256QAM	12	7	17.80	17.80	17.68		
5	256QAM	12	13	17.69	17.72	17.67		
5	256QAM	25	0	17.69	17.75	17.74		

Band 26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.15	23.08	24	0
15	QPSK	1	37	22.99	23.09	23.04		
15	QPSK	1	74	23.08	23.12	22.95		
15	QPSK	36	0	22.06	22.10	22.08	23	1
15	QPSK	36	20	21.96	22.02	21.97		
15	QPSK	36	39	21.99	22.03	21.98		
15	QPSK	75	0	22.02	22.06	22.03		
15	16QAM	1	0	21.98	22.03	21.98	23	1
15	16QAM	1	37	21.87	21.98	21.85		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	21.11	21.07	21.04	22	2
15	16QAM	36	20	20.91	21.00	20.95		
15	16QAM	36	39	20.95	21.09	20.96		
15	16QAM	75	0	21.01	21.12	21.06		
15	64QAM	1	0	20.93	21.08	20.93	22	2
15	64QAM	1	37	20.88	20.92	20.80		
15	64QAM	1	74	20.87	20.97	20.88		
15	64QAM	36	0	20.04	20.07	20.03	21	3
15	64QAM	36	20	20.01	20.07	20.03		
15	64QAM	36	39	19.98	20.08	19.97		
15	64QAM	75	0	20.01	20.04	20.05		
15	256QAM	1	0	18.05	18.04	18.06	19	5
15	256QAM	1	37	18.02	18.01	17.99		
15	256QAM	1	74	18.01	18.09	17.92		
15	256QAM	36	0	18.07	18.02	18.04	19	5
15	256QAM	36	20	17.95	18.04	18.03		
15	256QAM	36	39	17.85	17.95	17.91		
15	256QAM	75	0	17.91	18.01	17.81		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.99	23.05	23.03	24	0
10	QPSK	1	25	22.90	23.05	22.99		
10	QPSK	1	49	23.01	23.05	22.83		
10	QPSK	25	0	21.99	22.02	21.97	23	1
10	QPSK	25	12	21.85	21.88	21.89		
10	QPSK	25	25	21.89	21.95	21.90		
10	QPSK	50	0	21.97	21.95	21.95		
10	16QAM	1	0	21.92	21.98	21.93	23	1
10	16QAM	1	25	21.84	21.86	21.74		
10	16QAM	1	49	21.85	21.89	21.78		
10	16QAM	25	0	21.03	21.04	20.96	22	2
10	16QAM	25	12	20.77	20.88	20.83		
10	16QAM	25	25	20.87	20.96	20.94		
10	16QAM	50	0	20.97	21.05	21.03		
10	64QAM	1	0	20.87	21.00	20.85	22	2
10	64QAM	1	25	20.76	20.89	20.74		
10	64QAM	1	49	20.84	20.85	20.74		
10	64QAM	25	0	19.95	19.95	19.95	21	3
10	64QAM	25	12	19.89	20.01	19.91		
10	64QAM	25	25	19.85	19.97	19.92		
10	64QAM	50	0	19.99	19.95	20.03		
10	256QAM	1	0	17.93	17.91	17.93	19	5
10	256QAM	1	25	17.91	17.90	17.85		
10	256QAM	1	49	17.97	18.00	17.79		
10	256QAM	25	0	17.98	17.94	17.94	19	5
10	256QAM	25	12	17.81	18.02	17.90		
10	256QAM	25	25	17.83	17.91	17.78		
10	256QAM	50	0	17.80	17.93	17.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.00	23.09	23.04	24	0
5	QPSK	1	12	22.96	23.03	22.96		
5	QPSK	1	24	22.96	22.99	22.84		
5	QPSK	12	0	22.03	22.02	21.99	23	1
5	QPSK	12	7	21.86	21.93	21.92		
5	QPSK	12	13	21.96	21.93	21.88		
5	QPSK	25	0	21.88	21.96	21.91		
5	16QAM	1	0	21.86	21.93	21.88	23	1
5	16QAM	1	12	21.75	21.92	21.74		
5	16QAM	1	24	21.83	21.85	21.83		
5	16QAM	12	0	21.06	20.97	20.95	22	2
5	16QAM	12	7	20.89	20.87	20.87		
5	16QAM	12	13	20.89	20.98	20.87		
5	16QAM	25	0	20.95	21.01	20.96		
5	64QAM	1	0	20.90	21.03	20.89	22	2
5	64QAM	1	12	20.83	20.83	20.68		
5	64QAM	1	24	20.75	20.92	20.83		
5	64QAM	12	0	19.99	19.95	20.01	21	3
5	64QAM	12	7	19.89	20.05	20.00		
5	64QAM	12	13	19.91	19.96	19.86		
5	64QAM	25	0	19.93	19.94	19.92		
5	256QAM	1	0	17.92	18.01	17.99	19	5
5	256QAM	1	12	17.95	17.92	17.96		
5	256QAM	1	24	17.94	18.04	17.89		
5	256QAM	12	0	17.94	17.97	17.95	19	5
5	256QAM	12	7	17.85	17.98	18.00		
5	256QAM	12	13	17.72	17.85	17.84		
5	256QAM	25	0	17.84	17.95	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.03	23.08	22.99	24	0
3	QPSK	1	8	22.93	23.03	22.91		
3	QPSK	1	14	23.06	23.09	22.90		
3	QPSK	8	0	22.02	22.01	21.97	23	1
3	QPSK	8	4	21.82	21.95	21.92		
3	QPSK	8	7	21.85	22.01	21.87		
3	QPSK	15	0	21.95	21.95	22.00		
3	16QAM	1	0	21.87	21.90	21.91	23	1
3	16QAM	1	8	21.85	21.88	21.77		
3	16QAM	1	14	21.77	21.90	21.76		
3	16QAM	8	0	21.01	20.93	20.94	22	2
3	16QAM	8	4	20.88	20.89	20.87		
3	16QAM	8	7	20.91	21.06	20.83		
3	16QAM	15	0	20.94	21.07	20.93		
3	64QAM	1	0	20.80	21.04	20.81	22	2
3	64QAM	1	8	20.76	20.81	20.75		
3	64QAM	1	14	20.82	20.86	20.74		
3	64QAM	8	0	19.96	20.02	19.98	21	3
3	64QAM	8	4	19.89	19.95	19.97		
3	64QAM	8	7	19.91	19.98	19.94		
3	64QAM	15	0	19.87	19.95	19.92		
3	256QAM	1	0	17.97	17.91	18.02	19	5
3	256QAM	1	8	18.00	17.96	17.95		
3	256QAM	1	14	17.90	18.01	17.84		
3	256QAM	8	0	18.00	17.90	17.94	19	5
3	256QAM	8	4	17.87	18.01	17.95		
3	256QAM	8	7	17.76	17.92	17.89		
3	256QAM	15	0	17.80	17.88	17.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.03	22.98	24	0
1.4	QPSK	1	3	22.87	23.07	23.01		
1.4	QPSK	1	5	23.01	23.07	22.91		
1.4	QPSK	3	0	23.03	23.01	22.90		
1.4	QPSK	3	1	22.81	23.05	22.92		
1.4	QPSK	3	3	22.91	22.99	22.86		
1.4	QPSK	6	0	21.89	22.00	22.00	23	1
1.4	16QAM	1	0	21.94	22.00	21.90	23	1
1.4	16QAM	1	3	21.75	21.91	21.83		
1.4	16QAM	1	5	21.87	21.87	21.75		
1.4	16QAM	3	0	21.77	21.90	21.87		
1.4	16QAM	3	1	21.85	21.89	21.84		
1.4	16QAM	3	3	21.65	21.83	21.71		
1.4	16QAM	6	0	20.88	21.07	21.01	22	2
1.4	64QAM	1	0	20.82	20.97	20.88	22	2
1.4	64QAM	1	3	20.82	20.86	20.67		
1.4	64QAM	1	5	20.74	20.94	20.83		
1.4	64QAM	3	0	20.77	20.99	20.89		
1.4	64QAM	3	1	20.74	20.95	20.78		
1.4	64QAM	3	3	20.79	20.73	20.59		
1.4	64QAM	6	0	19.87	19.97	19.99	21	3
1.4	256QAM	1	0	18.03	17.91	17.94	19	5
1.4	256QAM	1	3	17.92	17.89	17.87		
1.4	256QAM	1	5	17.95	18.01	17.82		
1.4	256QAM	3	0	18.02	17.93	18.02		
1.4	256QAM	3	1	17.92	17.93	17.95		
1.4	256QAM	3	3	17.72	17.84	17.77		
1.4	256QAM	6	0	17.81	17.94	17.69	19	5

GSM850 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)	WCDMA V Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	21.23	21.48	21.35	23.00	21.37	21.48	21.40	23.00	24.19	24.25	24.13	25.00

Band 2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.48	22.59	22.56	24	0

Band 4 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.62	22.67	22.54	24	0

Band 66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.69	22.74	22.65	24	0

Band 7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.82	22.88	22.85	24	0

Band 38 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.85	23.05	22.98	25	0

Band 41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.01	22.96	23.10	23.05	22.99	25	0

Band 41 HPUE Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.07	26.13	26.15	26.10	26.06	27	0

Band 5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

Band 12 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

Band 17 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.66	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM1900 Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	25.20	25.22	25.17	26.00	22.20	22.22	22.17	23.00

Band		WCDMA II Ant 2			Tune-up Limit (dBm)	WCDMA IV Ant 2			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	23.08	23.17	23.13	24.00	22.98	23.02	22.92	24.00

Band 2 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.88	22.95	22.86	24	0

Band 4 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.69	22.54	22.69	24	0

Band 66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.76	22.86	22.74	24	0

Band 7 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.34	23.40	23.36	25	0

Band 38 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.39	23.54	23.37	25	0

Band 41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.53	23.50	23.60	23.48	23.56	25	0

Band 41 HPUE Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.44	26.48	26.53	26.43	26.51	28	0

Band		WCDMA II Ant 3			Tune-up Limit (dBm)	WCDMA IV Ant 3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	21.11	21.17	21.10	22.00	21.18	21.29	21.21	22.00

Band 2 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.75	22.81	22.79	24	0

Band 4 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.83	22.76	24	0

Band 66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.85	22.88	22.79	24	0

Band 7 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.27	23.30	23.24	25	0

Band 38 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.87	23.02	22.83	24	0

Band 41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.82	22.91	23.06	22.91	22.89	24	0

Band 41 HPUE Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.75	25.89	25.90	25.89	25.85	27	0

Band 42 Part 27Q Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.03	23.11	23.08	24	0
20	QPSK	1	49	22.91	23.03	22.95		
20	QPSK	1	99	22.95	23.00	23.03		
20	QPSK	50	0	22.02	22.08	22.05	23	1
20	QPSK	50	24	21.88	22.01	21.95		
20	QPSK	50	50	21.97	21.98	21.98		
20	QPSK	100	0	21.98	22.03	22.02		
20	16QAM	1	0	21.99	21.96	21.96	23	1
20	16QAM	1	49	21.83	21.96	21.90		
20	16QAM	1	99	21.85	21.88	21.95		
20	16QAM	50	0	21.06	21.05	21.07	22	2
20	16QAM	50	24	20.83	20.98	20.94		
20	16QAM	50	50	20.95	20.96	20.92		
20	16QAM	100	0	20.98	21.05	20.98		
20	64QAM	1	0	21.04	20.93	21.00	22	2
20	64QAM	1	49	20.88	21.02	20.88		
20	64QAM	1	99	20.86	20.84	20.91		
20	64QAM	50	0	19.96	20.03	20.08	21	3
20	64QAM	50	24	19.92	20.07	20.01		
20	64QAM	50	50	19.96	20.02	19.99		
20	64QAM	100	0	19.98	20.04	20.02		
20	256QAM	1	0	18.00	18.07	18.00	19	5
20	256QAM	1	49	17.91	18.01	17.96		
20	256QAM	1	99	17.98	18.04	17.98		
20	256QAM	50	0	17.98	18.02	17.97	19	5
20	256QAM	50	24	17.93	17.97	17.93		
20	256QAM	50	50	17.82	17.94	17.89		
20	256QAM	100	0	17.89	17.86	17.98		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.99	23.08	23.01	24	0
15	QPSK	1	37	22.81	22.98	22.88		
15	QPSK	1	74	22.88	22.97	22.94		
15	QPSK	36	0	21.89	22.01	21.96	23	1
15	QPSK	36	20	21.83	21.92	21.87		
15	QPSK	36	39	21.93	21.93	21.86		
15	QPSK	75	0	21.84	22.00	21.94		
15	16QAM	1	0	21.88	21.87	21.87	23	1
15	16QAM	1	37	21.80	21.92	21.84		
15	16QAM	1	74	21.78	21.83	21.87		
15	16QAM	36	0	21.04	20.93	20.96	22	2
15	16QAM	36	20	20.78	20.96	20.84		
15	16QAM	36	39	20.82	20.84	20.89		
15	16QAM	75	0	20.90	20.93	20.88		
15	64QAM	1	0	20.92	20.86	20.97	22	2
15	64QAM	1	37	20.76	20.95	20.76		
15	64QAM	1	74	20.76	20.77	20.78		
15	64QAM	36	0	19.89	19.97	19.99	21	3
15	64QAM	36	20	19.84	19.94	19.96		
15	64QAM	36	39	19.82	19.98	19.89		
15	64QAM	75	0	19.86	19.96	19.95		
15	256QAM	1	0	17.96	18.05	17.96	19	5
15	256QAM	1	37	17.80	17.87	17.87		
15	256QAM	1	74	17.85	18.00	17.93		
15	256QAM	36	0	17.90	17.99	17.95	19	5
15	256QAM	36	20	17.79	17.90	17.85		
15	256QAM	36	39	17.70	17.81	17.76		
15	256QAM	75	0	17.81	17.80	17.84		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.90	23.08	23.04	24	0
10	QPSK	1	25	22.82	23.00	22.82		
10	QPSK	1	49	22.86	22.96	23.01		
10	QPSK	25	0	21.90	21.98	21.97	23	1
10	QPSK	25	12	21.80	21.98	21.85		
10	QPSK	25	25	21.94	21.85	21.94		
10	QPSK	50	0	21.90	21.92	21.92		
10	16QAM	1	0	21.94	21.91	21.91	23	1
10	16QAM	1	25	21.77	21.85	21.77		
10	16QAM	1	49	21.80	21.82	21.90		
10	16QAM	25	0	20.95	20.99	21.04	22	2
10	16QAM	25	12	20.78	20.85	20.85		
10	16QAM	25	25	20.91	20.89	20.87		
10	16QAM	50	0	20.84	20.91	20.85		
10	64QAM	1	0	21.01	20.85	20.88	22	2
10	64QAM	1	25	20.80	20.99	20.78		
10	64QAM	1	49	20.83	20.74	20.81		
10	64QAM	25	0	19.85	19.94	19.98	21	3
10	64QAM	25	12	19.84	19.96	19.87		
10	64QAM	25	25	19.90	19.99	19.92		
10	64QAM	50	0	19.95	19.98	20.00		
10	256QAM	1	0	17.93	17.95	17.95	19	5
10	256QAM	1	25	17.86	17.91	17.86		
10	256QAM	1	49	17.85	17.91	17.89		
10	256QAM	25	0	17.92	17.99	17.91	19	5
10	256QAM	25	12	17.90	17.91	17.80		
10	256QAM	25	25	17.76	17.88	17.79		
10	256QAM	50	0	17.86	17.79	17.96		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.94	23.04	23.02	24	0
5	QPSK	1	12	22.85	22.92	22.90		
5	QPSK	1	24	22.91	22.95	22.90		
5	QPSK	12	0	21.91	22.05	21.96	23	1
5	QPSK	12	7	21.75	21.87	21.90		
5	QPSK	12	13	21.92	21.90	21.92		
5	QPSK	25	0	21.91	21.89	21.99		
5	16QAM	1	0	21.93	21.89	21.85	23	1
5	16QAM	1	12	21.75	21.94	21.76		
5	16QAM	1	24	21.71	21.84	21.92		
5	16QAM	12	0	20.98	20.97	20.95	22	2
5	16QAM	12	7	20.72	20.93	20.88		
5	16QAM	12	13	20.92	20.93	20.82		
5	16QAM	25	0	20.86	21.01	20.90		
5	64QAM	1	0	21.01	20.88	20.93	22	2
5	64QAM	1	12	20.81	20.91	20.77		
5	64QAM	1	24	20.80	20.75	20.82		
5	64QAM	12	0	19.90	19.89	20.04	21	3
5	64QAM	12	7	19.84	20.03	19.94		
5	64QAM	12	13	19.85	19.98	19.87		
5	64QAM	25	0	19.84	19.95	19.93		
5	256QAM	1	0	17.92	17.95	17.90	19	5
5	256QAM	1	12	17.84	17.95	17.82		
5	256QAM	1	24	17.89	17.91	17.87		
5	256QAM	12	0	17.87	17.96	17.86	19	5
5	256QAM	12	7	17.86	17.90	17.81		
5	256QAM	12	13	17.72	17.89	17.80		
5	256QAM	25	0	17.84	17.75	17.86		

Band 42 Part 27Q Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.76	22.80	22.75	24	0
20	QPSK	1	49	22.70	22.75	22.67		
20	QPSK	1	99	22.67	22.68	22.63		
20	QPSK	50	0	21.70	21.73	21.68	23	1
20	QPSK	50	24	21.63	21.64	21.59		
20	QPSK	50	50	21.60	21.60	21.62		
20	QPSK	100	0	21.64	21.70	21.57		
20	16QAM	1	0	21.66	21.67	21.56	23	1
20	16QAM	1	49	21.50	21.59	21.50		
20	16QAM	1	99	21.49	21.47	21.58		
20	16QAM	50	0	20.75	20.70	20.74	22	2
20	16QAM	50	24	20.67	20.67	20.56		
20	16QAM	50	50	20.61	20.62	20.60		
20	16QAM	100	0	20.60	20.67	20.57		
20	64QAM	1	0	20.67	20.62	20.59	22	2
20	64QAM	1	49	20.54	20.64	20.53		
20	64QAM	1	99	20.48	20.50	20.55		
20	64QAM	50	0	19.70	19.72	19.67	21	3
20	64QAM	50	24	19.58	19.62	19.58		
20	64QAM	50	50	19.63	19.58	19.61		
20	64QAM	100	0	19.60	19.70	19.61		
20	256QAM	1	0	17.72	17.70	17.67	19	5
20	256QAM	1	49	17.68	17.63	17.61		
20	256QAM	1	99	17.66	17.57	17.57		
20	256QAM	50	0	17.61	17.68	17.61	19	5
20	256QAM	50	24	17.67	17.64	17.59		
20	256QAM	50	50	17.46	17.62	17.50		
20	256QAM	100	0	17.43	17.50	17.56		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.70	22.75	22.69	24	0
15	QPSK	1	37	22.56	22.62	22.59		
15	QPSK	1	74	22.64	22.58	22.51		
15	QPSK	36	0	21.57	21.68	21.62	23	1
15	QPSK	36	20	21.52	21.56	21.49		
15	QPSK	36	39	21.50	21.51	21.52		
15	QPSK	75	0	21.51	21.60	21.53		
15	16QAM	1	0	21.62	21.64	21.44	23	1
15	16QAM	1	37	21.45	21.48	21.44		
15	16QAM	1	74	21.46	21.41	21.45		
15	16QAM	36	0	20.71	20.57	20.67	22	2
15	16QAM	36	20	20.61	20.56	20.50		
15	16QAM	36	39	20.49	20.55	20.57		
15	16QAM	75	0	20.52	20.59	20.43		
15	64QAM	1	0	20.63	20.55	20.53	22	2
15	64QAM	1	37	20.46	20.61	20.47		
15	64QAM	1	74	20.41	20.39	20.48		
15	64QAM	36	0	19.62	19.59	19.58	21	3
15	64QAM	36	20	19.49	19.59	19.45		
15	64QAM	36	39	19.53	19.53	19.52		
15	64QAM	75	0	19.48	19.64	19.56		
15	256QAM	1	0	17.61	17.64	17.60	19	5
15	256QAM	1	37	17.63	17.55	17.55		
15	256QAM	1	74	17.63	17.53	17.50		
15	256QAM	36	0	17.48	17.61	17.57	19	5
15	256QAM	36	20	17.64	17.56	17.48		
15	256QAM	36	39	17.40	17.54	17.44		
15	256QAM	75	0	17.41	17.39	17.44		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.70	22.70	22.70	24	0
10	QPSK	1	25	22.63	22.70	22.63		
10	QPSK	1	49	22.57	22.55	22.61		
10	QPSK	25	0	21.57	21.68	21.54	23	1
10	QPSK	25	12	21.56	21.57	21.48		
10	QPSK	25	25	21.46	21.54	21.56		
10	QPSK	50	0	21.57	21.61	21.50		
10	16QAM	1	0	21.57	21.55	21.52	23	1
10	16QAM	1	25	21.45	21.46	21.40		
10	16QAM	1	49	21.39	21.42	21.54		
10	16QAM	25	0	20.70	20.63	20.69	22	2
10	16QAM	25	12	20.58	20.62	20.44		
10	16QAM	25	25	20.50	20.51	20.48		
10	16QAM	50	0	20.52	20.59	20.47		
10	64QAM	1	0	20.62	20.59	20.49	22	2
10	64QAM	1	25	20.46	20.51	20.44		
10	64QAM	1	49	20.35	20.39	20.43		
10	64QAM	25	0	19.61	19.66	19.61	21	3
10	64QAM	25	12	19.45	19.50	19.50		
10	64QAM	25	25	19.52	19.46	19.51		
10	64QAM	50	0	19.56	19.59	19.48		
10	256QAM	1	0	17.63	17.58	17.57	19	5
10	256QAM	1	25	17.63	17.59	17.51		
10	256QAM	1	49	17.58	17.49	17.51		
10	256QAM	25	0	17.49	17.58	17.51	19	5
10	256QAM	25	12	17.57	17.52	17.54		
10	256QAM	25	25	17.33	17.51	17.42		
10	256QAM	50	0	17.29	17.43	17.49		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.69	22.74	22.70	24	0
5	QPSK	1	12	22.60	22.69	22.59		
5	QPSK	1	24	22.64	22.65	22.60		
5	QPSK	12	0	21.57	21.65	21.62	23	1
5	QPSK	12	7	21.53	21.54	21.52		
5	QPSK	12	13	21.57	21.48	21.53		
5	QPSK	25	0	21.59	21.67	21.49		
5	16QAM	1	0	21.55	21.65	21.53	23	1
5	16QAM	1	12	21.47	21.45	21.43		
5	16QAM	1	24	21.42	21.45	21.48		
5	16QAM	12	0	20.63	20.58	20.69	22	2
5	16QAM	12	7	20.63	20.65	20.49		
5	16QAM	12	13	20.53	20.49	20.57		
5	16QAM	25	0	20.48	20.57	20.55		
5	64QAM	1	0	20.55	20.53	20.51	22	2
5	64QAM	1	12	20.41	20.54	20.39		
5	64QAM	1	24	20.37	20.42	20.50		
5	64QAM	12	0	19.67	19.68	19.53	21	3
5	64QAM	12	7	19.56	19.56	19.53		
5	64QAM	12	13	19.61	19.55	19.54		
5	64QAM	25	0	19.46	19.60	19.58		
5	256QAM	1	0	17.61	17.67	17.59	19	5
5	256QAM	1	12	17.63	17.56	17.58		
5	256QAM	1	24	17.59	17.47	17.45		
5	256QAM	12	0	17.58	17.65	17.57	19	5
5	256QAM	12	7	17.58	17.59	17.54		
5	256QAM	12	13	17.34	17.54	17.37		
5	256QAM	25	0	17.29	17.38	17.51		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.80	23.85	23.79	24	0
20	QPSK	1	49	23.71	23.78	23.71		
20	QPSK	1	99	23.74	23.72	23.74		
20	QPSK	50	0	22.70	22.74	22.68	23	1
20	QPSK	50	24	22.56	22.70	22.65		
20	QPSK	50	50	22.65	22.68	22.57		
20	QPSK	100	0	22.61	22.69	22.55		
20	16QAM	1	0	22.56	22.62	22.56	23	1
20	16QAM	1	49	22.50	22.66	22.53		
20	16QAM	1	99	22.62	22.62	22.44		
20	16QAM	50	0	21.64	21.76	21.68	22	2
20	16QAM	50	24	21.59	21.73	21.71		
20	16QAM	50	50	21.60	21.63	21.58		
20	16QAM	100	0	21.63	21.73	21.57		
20	64QAM	1	0	21.57	21.64	21.56	22	2
20	64QAM	1	49	21.56	21.72	21.56		
20	64QAM	1	99	21.66	21.62	21.50		
20	64QAM	50	0	20.67	20.74	20.68	21	3
20	64QAM	50	24	20.61	20.68	20.69		
20	64QAM	50	50	20.63	20.66	20.56		
20	64QAM	100	0	20.67	20.70	20.50		
20	256QAM	1	0	18.74	18.75	18.64	19	5
20	256QAM	1	49	18.51	18.65	18.61		
20	256QAM	1	99	18.66	18.70	18.62		
20	256QAM	50	0	18.58	18.74	18.61	19	5
20	256QAM	50	24	18.60	18.66	18.55		
20	256QAM	50	50	18.48	18.62	18.49		
20	256QAM	100	0	18.58	18.57	18.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.73	23.73	23.72	24	0
15	QPSK	1	37	23.60	23.73	23.67		
15	QPSK	1	74	23.63	23.63	23.66		
15	QPSK	36	0	22.67	22.60	22.61	23	1
15	QPSK	36	20	22.44	22.67	22.61		
15	QPSK	36	39	22.62	22.63	22.43		
15	QPSK	75	0	22.53	22.64	22.46		
15	16QAM	1	0	22.49	22.59	22.47	23	1
15	16QAM	1	37	22.39	22.64	22.44		
15	16QAM	1	74	22.53	22.58	22.36		
15	16QAM	36	0	21.58	21.68	21.62	22	2
15	16QAM	36	20	21.53	21.68	21.67		
15	16QAM	36	39	21.54	21.60	21.53		
15	16QAM	75	0	21.53	21.63	21.51		
15	64QAM	1	0	21.46	21.51	21.45	22	2
15	64QAM	1	37	21.53	21.66	21.50		
15	64QAM	1	74	21.52	21.52	21.41		
15	64QAM	36	0	20.60	20.64	20.54	21	3
15	64QAM	36	20	20.49	20.61	20.65		
15	64QAM	36	39	20.58	20.58	20.44		
15	64QAM	75	0	20.54	20.64	20.38		
15	256QAM	1	0	18.71	18.67	18.55	19	5
15	256QAM	1	37	18.47	18.57	18.56		
15	256QAM	1	74	18.57	18.66	18.53		
15	256QAM	36	0	18.52	18.65	18.52	19	5
15	256QAM	36	20	18.50	18.53	18.48		
15	256QAM	36	39	18.38	18.58	18.41		
15	256QAM	75	0	18.50	18.50	18.43		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.70	23.80	23.77	24	0
10	QPSK	1	25	23.60	23.72	23.67		
10	QPSK	1	49	23.71	23.62	23.61		
10	QPSK	25	0	22.59	22.70	22.55	23	1
10	QPSK	25	12	22.44	22.63	22.53		
10	QPSK	25	25	22.59	22.64	22.44		
10	QPSK	50	0	22.51	22.62	22.42		
10	16QAM	1	0	22.47	22.51	22.53	23	1
10	16QAM	1	25	22.40	22.62	22.45		
10	16QAM	1	49	22.50	22.51	22.32		
10	16QAM	25	0	21.60	21.65	21.62	22	2
10	16QAM	25	12	21.47	21.70	21.62		
10	16QAM	25	25	21.56	21.51	21.54		
10	16QAM	50	0	21.61	21.66	21.48		
10	64QAM	1	0	21.49	21.61	21.44	22	2
10	64QAM	1	25	21.50	21.62	21.54		
10	64QAM	1	49	21.57	21.60	21.44		
10	64QAM	25	0	20.63	20.72	20.57	21	3
10	64QAM	25	12	20.52	20.57	20.66		
10	64QAM	25	25	20.56	20.60	20.46		
10	64QAM	50	0	20.63	20.67	20.46		
10	256QAM	1	0	18.65	18.71	18.58	19	5
10	256QAM	1	25	18.41	18.59	18.49		
10	256QAM	1	49	18.60	18.68	18.54		
10	256QAM	25	0	18.56	18.67	18.48	19	5
10	256QAM	25	12	18.49	18.60	18.50		
10	256QAM	25	25	18.35	18.52	18.39		
10	256QAM	50	0	18.45	18.45	18.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.77	23.71	23.74	24	0
5	QPSK	1	12	23.59	23.68	23.67		
5	QPSK	1	24	23.67	23.62	23.63		
5	QPSK	12	0	22.63	22.69	22.58	23	1
5	QPSK	12	7	22.51	22.68	22.63		
5	QPSK	12	13	22.52	22.55	22.45		
5	QPSK	25	0	22.58	22.61	22.43		
5	16QAM	1	0	22.47	22.54	22.49	23	1
5	16QAM	1	12	22.40	22.60	22.45		
5	16QAM	1	24	22.52	22.52	22.35		
5	16QAM	12	0	21.59	21.71	21.66	22	2
5	16QAM	12	7	21.45	21.62	21.64		
5	16QAM	12	13	21.55	21.59	21.48		
5	16QAM	25	0	21.59	21.68	21.47		
5	64QAM	1	0	21.48	21.50	21.49	22	2
5	64QAM	1	12	21.49	21.63	21.44		
5	64QAM	1	24	21.62	21.53	21.39		
5	64QAM	12	0	20.58	20.71	20.58	21	3
5	64QAM	12	7	20.51	20.65	20.60		
5	64QAM	12	13	20.57	20.63	20.53		
5	64QAM	25	0	20.62	20.64	20.45		
5	256QAM	1	0	18.60	18.69	18.51	19	5
5	256QAM	1	12	18.39	18.59	18.50		
5	256QAM	1	24	18.59	18.65	18.59		
5	256QAM	12	0	18.47	18.68	18.51	19	5
5	256QAM	12	7	18.47	18.52	18.50		
5	256QAM	12	13	18.34	18.58	18.40		
5	256QAM	25	0	18.49	18.52	18.34		

Band 42 Part 27Q Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.44	23.47	23.38	24	0
20	QPSK	1	49	23.33	23.37	23.29		
20	QPSK	1	99	23.32	23.35	23.35		
20	QPSK	50	0	22.38	22.41	22.35	23	1
20	QPSK	50	24	22.29	22.30	22.33		
20	QPSK	50	50	22.26	22.28	22.25		
20	QPSK	100	0	22.29	22.36	22.21		
20	16QAM	1	0	22.35	22.34	22.22	23	1
20	16QAM	1	49	22.19	22.19	22.30		
20	16QAM	1	99	22.12	22.16	22.19		
20	16QAM	50	0	21.34	21.36	21.39	22	2
20	16QAM	50	24	21.25	21.28	21.39		
20	16QAM	50	50	21.22	21.33	21.27		
20	16QAM	100	0	21.31	21.37	21.18		
20	64QAM	1	0	21.35	21.33	21.20	22	2
20	64QAM	1	49	21.19	21.23	21.33		
20	64QAM	1	99	21.08	21.18	21.24		
20	64QAM	50	0	20.33	20.36	20.33	21	3
20	64QAM	50	24	20.31	20.32	20.36		
20	64QAM	50	50	20.23	20.28	20.20		
20	64QAM	100	0	20.34	20.38	20.26		
20	256QAM	1	0	18.43	18.40	18.33	19	5
20	256QAM	1	49	18.26	18.33	18.33		
20	256QAM	1	99	18.24	18.23	18.25		
20	256QAM	50	0	18.28	18.32	18.18	19	5
20	256QAM	50	24	18.33	18.39	18.24		
20	256QAM	50	50	18.16	18.23	18.26		
20	256QAM	100	0	18.12	18.12	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.31	23.40	23.27	24	0
15	QPSK	1	37	23.20	23.32	23.22		
15	QPSK	1	74	23.29	23.33	23.26		
15	QPSK	36	0	22.25	22.37	22.21	23	1
15	QPSK	36	20	22.25	22.25	22.28		
15	QPSK	36	39	22.17	22.25	22.13		
15	QPSK	75	0	22.24	22.29	22.14		
15	16QAM	1	0	22.32	22.25	22.13	23	1
15	16QAM	1	37	22.12	22.08	22.17		
15	16QAM	1	74	22.05	22.10	22.16		
15	16QAM	36	0	21.22	21.36	21.26	22	2
15	16QAM	36	20	21.17	21.24	21.30		
15	16QAM	36	39	21.17	21.19	21.24		
15	16QAM	75	0	21.19	21.30	21.13		
15	64QAM	1	0	21.31	21.23	21.12	22	2
15	64QAM	1	37	21.14	21.10	21.21		
15	64QAM	1	74	21.02	21.07	21.11		
15	64QAM	36	0	20.20	20.22	20.30	21	3
15	64QAM	36	20	20.25	20.25	20.23		
15	64QAM	36	39	20.18	20.22	20.08		
15	64QAM	75	0	20.20	20.31	20.18		
15	256QAM	1	0	18.38	18.31	18.28	19	5
15	256QAM	1	37	18.19	18.26	18.25		
15	256QAM	1	74	18.13	18.14	18.18		
15	256QAM	36	0	18.18	18.28	18.11	19	5
15	256QAM	36	20	18.22	18.31	18.12		
15	256QAM	36	39	18.12	18.12	18.16		
15	256QAM	75	0	18.02	18.06	18.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.41	23.40	23.35	24	0
10	QPSK	1	25	23.28	23.29	23.23		
10	QPSK	1	49	23.22	23.22	23.27		
10	QPSK	25	0	22.26	22.37	22.24	23	1
10	QPSK	25	12	22.20	22.23	22.30		
10	QPSK	25	25	22.20	22.17	22.20		
10	QPSK	50	0	22.19	22.25	22.08		
10	16QAM	1	0	22.29	22.21	22.10	23	1
10	16QAM	1	25	22.12	22.06	22.20		
10	16QAM	1	49	22.05	22.05	22.16		
10	16QAM	25	0	21.27	21.28	21.28	22	2
10	16QAM	25	12	21.12	21.24	21.31		
10	16QAM	25	25	21.16	21.25	21.25		
10	16QAM	50	0	21.18	21.26	21.07		
10	64QAM	1	0	21.23	21.25	21.12	22	2
10	64QAM	1	25	21.09	21.12	21.20		
10	64QAM	1	49	21.00	21.05	21.17		
10	64QAM	25	0	20.29	20.23	20.22	21	3
10	64QAM	25	12	20.23	20.22	20.26		
10	64QAM	25	25	20.13	20.19	20.16		
10	64QAM	50	0	20.32	20.31	20.15		
10	256QAM	1	0	18.36	18.33	18.28	19	5
10	256QAM	1	25	18.13	18.20	18.25		
10	256QAM	1	49	18.11	18.14	18.15		
10	256QAM	25	0	18.26	18.29	18.15	19	5
10	256QAM	25	12	18.20	18.31	18.16		
10	256QAM	25	25	18.05	18.11	18.21		
10	256QAM	50	0	18.06	18.06	18.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.40	23.34	23.25	24	0
5	QPSK	1	12	23.27	23.34	23.26		
5	QPSK	1	24	23.28	23.25	23.28		
5	QPSK	12	0	22.33	22.28	22.26	23	1
5	QPSK	12	7	22.21	22.17	22.30		
5	QPSK	12	13	22.17	22.14	22.14		
5	QPSK	25	0	22.27	22.24	22.14		
5	16QAM	1	0	22.22	22.29	22.17	23	1
5	16QAM	1	12	22.10	22.07	22.27		
5	16QAM	1	24	22.06	22.04	22.11		
5	16QAM	12	0	21.21	21.33	21.31	22	2
5	16QAM	12	7	21.14	21.23	21.37		
5	16QAM	12	13	21.10	21.20	21.25		
5	16QAM	25	0	21.27	21.27	21.16		
5	64QAM	1	0	21.24	21.27	21.17	22	2
5	64QAM	1	12	21.12	21.11	21.27		
5	64QAM	1	24	20.98	21.14	21.16		
5	64QAM	12	0	20.31	20.29	20.26	21	3
5	64QAM	12	7	20.23	20.26	20.23		
5	64QAM	12	13	20.15	20.25	20.15		
5	64QAM	25	0	20.20	20.34	20.15		
5	256QAM	1	0	18.39	18.34	18.30	19	5
5	256QAM	1	12	18.21	18.24	18.30		
5	256QAM	1	24	18.15	18.20	18.18		
5	256QAM	12	0	18.23	18.27	18.13	19	5
5	256QAM	12	7	18.28	18.32	18.10		
5	256QAM	12	13	18.14	18.17	18.18		
5	256QAM	25	0	18.03	18.00	18.16		

Reduced Power Mode for ECI 2

GSM850 Ant 0 ECI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00	0.07

GSM1900 Ant 0 ECI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00	0.05

Band		WCDMA II Ant 0 ECI2			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI2			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI2			Tune-up Limit (dBm)	WCDMA II	WCDMA IV	WCDMA V
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		Ch Delta > 0.5		
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458				
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	22.01	22.10	22.08	23.00	22.01	22.15	22.13	23.00	24.18	24.22	24.17	25.00	0.09	0.14	0.05

Band 2 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.51	22.66	22.58	24	0

Band 4 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.52	22.58	22.45	24	0

Band 66 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.58	22.65	22.53	24	0

Band 7 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.35	23.40	23.37	25	0

Band 38 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.36	23.41	23.39	25	0

Band 41 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.32	23.39	23.46	23.43	23.35	25	0

Band 41 HPUE Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.35	26.30	26.38	26.25	26.32	28	0

Band 5 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.08	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.03	22.90		
10	QPSK	1	49	23.02	23.09	22.87		
10	QPSK	25	0	21.99	22.01	21.95	23	1
10	QPSK	25	12	21.84	21.96	21.93		
10	QPSK	25	25	21.94	21.97	21.95		
10	QPSK	50	0	21.95	21.99	21.92		
10	16QAM	1	0	21.90	21.94	21.91	23	1
10	16QAM	1	25	21.74	21.95	21.79		
10	16QAM	1	49	21.87	21.88	21.79		
10	16QAM	25	0	21.03	21.03	20.94	22	2
10	16QAM	25	12	20.86	20.97	20.85		
10	16QAM	25	25	20.91	21.02	20.84		
10	16QAM	50	0	20.97	21.08	20.98		
10	64QAM	1	0	20.83	21.03	20.79	22	2
10	64QAM	1	25	20.76	20.80	20.67		
10	64QAM	1	49	20.79	20.84	20.77		
10	64QAM	25	0	19.93	19.99	20.00	21	3
10	64QAM	25	12	19.93	19.97	19.94		
10	64QAM	25	25	19.85	19.97	19.89		
10	64QAM	50	0	19.99	20.01	19.95		
10	256QAM	1	0	17.92	18.00	17.98	19	5
10	256QAM	1	25	17.96	17.97	17.91		
10	256QAM	1	49	17.87	18.06	17.90		
10	256QAM	25	0	18.04	17.98	17.92	19	5
10	256QAM	25	12	17.82	17.96	17.90		
10	256QAM	25	25	17.80	17.82	17.82		
10	256QAM	50	0	17.88	17.97	17.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.01	23.05	22.84	24	0
5	QPSK	1	12	22.81	22.95	22.81		
5	QPSK	1	24	22.94	23.06	22.81		
5	QPSK	12	0	21.87	21.95	21.81	23	1
5	QPSK	12	7	21.73	21.82	21.84		
5	QPSK	12	13	21.89	21.92	21.89		
5	QPSK	25	0	21.82	21.96	21.86		
5	16QAM	1	0	21.79	21.87	21.87	23	1
5	16QAM	1	12	21.60	21.82	21.68		
5	16QAM	1	24	21.80	21.86	21.76		
5	16QAM	12	0	21.01	21.00	20.86	22	2
5	16QAM	12	7	20.76	20.94	20.75		
5	16QAM	12	13	20.85	20.96	20.75		
5	16QAM	25	0	20.84	20.97	20.90		
5	64QAM	1	0	20.79	20.96	20.67	22	2
5	64QAM	1	12	20.62	20.76	20.61		
5	64QAM	1	24	20.69	20.73	20.71		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.85	19.88	19.91		
5	64QAM	12	13	19.79	19.88	19.77		
5	64QAM	25	0	19.90	19.91	19.85		
5	256QAM	1	0	17.90	17.92	17.94	19	5
5	256QAM	1	12	17.90	17.93	17.89		
5	256QAM	1	24	17.75	18.00	17.83		
5	256QAM	12	0	17.97	17.95	17.82	19	5
5	256QAM	12	7	17.76	17.89	17.83		
5	256QAM	12	13	17.76	17.70	17.71		
5	256QAM	25	0	17.86	17.90	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	22.98	22.87	24	0
3	QPSK	1	8	22.88	22.93	22.81		
3	QPSK	1	14	22.97	23.01	22.79		
3	QPSK	8	0	21.94	21.95	21.91	23	1
3	QPSK	8	4	21.81	21.86	21.90		
3	QPSK	8	7	21.91	21.87	21.86		
3	QPSK	15	0	21.87	21.91	21.78		
3	16QAM	1	0	21.82	21.90	21.82	23	1
3	16QAM	1	8	21.65	21.88	21.67		
3	16QAM	1	14	21.78	21.77	21.69		
3	16QAM	8	0	20.95	20.97	20.86	22	2
3	16QAM	8	4	20.74	20.86	20.76		
3	16QAM	8	7	20.83	20.94	20.78		
3	16QAM	15	0	20.85	20.95	20.95		
3	64QAM	1	0	20.69	20.94	20.70	22	2
3	64QAM	1	8	20.72	20.75	20.55		
3	64QAM	1	14	20.69	20.75	20.64		
3	64QAM	8	0	19.89	19.95	19.94	21	3
3	64QAM	8	4	19.89	19.84	19.92		
3	64QAM	8	7	19.81	19.91	19.80		
3	64QAM	15	0	19.88	19.90	19.93		
3	256QAM	1	0	17.85	17.98	17.94	19	5
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.84	17.97	17.80		
3	256QAM	8	0	17.99	17.89	17.87	19	5
3	256QAM	8	4	17.70	17.89	17.87		
3	256QAM	8	7	17.69	17.77	17.73		
3	256QAM	15	0	17.81	17.86	17.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.04	22.95	22.91	24	0
1.4	QPSK	1	3	22.82	22.99	22.95		
1.4	QPSK	1	5	22.89	23.03	22.87		
1.4	QPSK	3	0	22.97	22.90	22.77		
1.4	QPSK	3	1	22.67	22.99	22.81		
1.4	QPSK	3	3	22.80	22.89	22.82		
1.4	QPSK	6	0	21.85	21.93	21.88	23	1
1.4	16QAM	1	0	21.85	21.93	21.82	23	1
1.4	16QAM	1	3	21.66	21.80	21.79		
1.4	16QAM	1	5	21.78	21.78	21.68		
1.4	16QAM	3	0	21.64	21.83	21.79		
1.4	16QAM	3	1	21.73	21.80	21.79		
1.4	16QAM	3	3	21.55	21.81	21.67		
1.4	16QAM	6	0	20.85	21.03	20.96	22	2
1.4	64QAM	1	0	20.73	20.85	20.82	22	2
1.4	64QAM	1	3	20.69	20.79	20.53		
1.4	64QAM	1	5	20.60	20.82	20.78		
1.4	64QAM	3	0	20.67	20.95	20.79		
1.4	64QAM	3	1	20.68	20.87	20.65		
1.4	64QAM	3	3	20.68	20.62	20.49		
1.4	64QAM	6	0	19.83	19.89	19.87	21	3
1.4	256QAM	1	0	17.95	17.82	17.87	19	5
1.4	256QAM	1	3	17.79	17.79	17.78		
1.4	256QAM	1	5	17.90	17.96	17.69		
1.4	256QAM	3	0	17.91	17.88	17.94		
1.4	256QAM	3	1	17.90	17.83	17.89		
1.4	256QAM	3	3	17.65	17.78	17.72		
1.4	256QAM	6	0	17.72	17.90	17.61	19	5

Band 12 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.10	23.14	23.08	24	0
10	QPSK	1	25	22.88	23.01	22.98		
10	QPSK	1	49	23.02	23.00	23.03		
10	QPSK	25	0	21.92	21.96	21.95	23	1
10	QPSK	25	12	21.86	21.85	21.82		
10	QPSK	25	25	21.88	21.94	21.90		
10	QPSK	50	0	21.87	21.91	21.87		
10	16QAM	1	0	21.83	21.86	21.82	23	1
10	16QAM	1	25	21.84	21.82	21.73		
10	16QAM	1	49	21.77	21.88	21.81		
10	16QAM	25	0	20.93	20.94	21.00	22	2
10	16QAM	25	12	20.90	20.80	20.86		
10	16QAM	25	25	20.92	20.94	20.87		
10	16QAM	50	0	20.88	20.95	20.85		
10	64QAM	1	0	20.88	20.89	20.83	22	2
10	64QAM	1	25	20.85	20.79	20.70		
10	64QAM	1	49	20.78	20.86	20.87		
10	64QAM	25	0	19.87	19.97	19.98	21	3
10	64QAM	25	12	19.89	19.83	19.79		
10	64QAM	25	25	19.94	19.89	19.88		
10	64QAM	50	0	19.84	19.88	19.92		
10	256QAM	1	0	17.97	17.94	17.91	19	5
10	256QAM	1	25	17.83	17.89	17.81		
10	256QAM	1	49	17.84	17.90	17.91		
10	256QAM	25	0	17.82	17.88	17.87	19	5
10	256QAM	25	12	17.86	17.87	17.85		
10	256QAM	25	25	17.85	17.83	17.74		
10	256QAM	50	0	17.76	17.89	17.85		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	23.07	23.03	24	0
5	QPSK	1	12	22.95	22.95	22.94		
5	QPSK	1	24	22.92	22.94	22.92		
5	QPSK	12	0	21.80	21.94	21.91	23	1
5	QPSK	12	7	21.80	21.75	21.70		
5	QPSK	12	13	21.74	21.90	21.85		
5	QPSK	25	0	21.76	21.85	21.74		
5	16QAM	1	0	21.76	21.82	21.77	23	1
5	16QAM	1	12	21.80	21.75	21.61		
5	16QAM	1	24	21.64	21.81	21.75		
5	16QAM	12	0	20.85	20.86	20.97	22	2
5	16QAM	12	7	20.77	20.77	20.83		
5	16QAM	12	13	20.90	20.87	20.83		
5	16QAM	25	0	20.82	20.87	20.71		
5	64QAM	1	0	20.75	20.80	20.76	22	2
5	64QAM	1	12	20.79	20.67	20.56		
5	64QAM	1	24	20.69	20.76	20.80		
5	64QAM	12	0	19.82	19.88	19.94	21	3
5	64QAM	12	7	19.87	19.76	19.65		
5	64QAM	12	13	19.83	19.84	19.81		
5	64QAM	25	0	19.73	19.77	19.80		
5	256QAM	1	0	17.87	17.84	17.80	19	5
5	256QAM	1	12	17.75	17.82	17.69		
5	256QAM	1	24	17.77	17.77	17.86		
5	256QAM	12	0	17.77	17.85	17.81	19	5
5	256QAM	12	7	17.77	17.81	17.71		
5	256QAM	12	13	17.80	17.75	17.60		
5	256QAM	25	0	17.63	17.85	17.80		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.02	23.03	24	0
3	QPSK	1	8	22.85	22.95	22.96		
3	QPSK	1	14	22.99	22.97	22.93		
3	QPSK	8	0	21.88	21.87	21.84	23	1
3	QPSK	8	4	21.81	21.80	21.75		
3	QPSK	8	7	21.81	21.84	21.86		
3	QPSK	15	0	21.77	21.79	21.75		
3	16QAM	1	0	21.72	21.72	21.79	23	1
3	16QAM	1	8	21.77	21.68	21.68		
3	16QAM	1	14	21.67	21.79	21.67		
3	16QAM	8	0	20.87	20.89	20.89	22	2
3	16QAM	8	4	20.86	20.73	20.78		
3	16QAM	8	7	20.82	20.80	20.80		
3	16QAM	15	0	20.79	20.85	20.78		
3	64QAM	1	0	20.83	20.86	20.77	22	2
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.71	20.76	20.82		
3	64QAM	8	0	19.80	19.83	19.85	21	3
3	64QAM	8	4	19.81	19.75	19.76		
3	64QAM	8	7	19.88	19.80	19.81		
3	64QAM	15	0	19.76	19.81	19.79		
3	256QAM	1	0	17.92	17.85	17.79	19	5
3	256QAM	1	8	17.71	17.85	17.72		
3	256QAM	1	14	17.76	17.80	17.85		
3	256QAM	8	0	17.79	17.82	17.80	19	5
3	256QAM	8	4	17.83	17.77	17.75		
3	256QAM	8	7	17.77	17.72	17.70		
3	256QAM	15	0	17.72	17.80	17.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.99	23.10	23.03	24	0
1.4	QPSK	1	3	22.86	22.98	22.91		
1.4	QPSK	1	5	22.94	22.94	22.93		
1.4	QPSK	3	0	22.86	23.06	23.00		
1.4	QPSK	3	1	22.80	22.94	22.84		
1.4	QPSK	3	3	22.87	22.83	22.86		
1.4	QPSK	6	0	21.80	21.83	21.77	23	1
1.4	16QAM	1	0	21.76	21.77	21.72	23	1
1.4	16QAM	1	3	21.75	21.79	21.68		
1.4	16QAM	1	5	21.74	21.81	21.74		
1.4	16QAM	3	0	21.70	21.80	21.68		
1.4	16QAM	3	1	21.67	21.72	21.63		
1.4	16QAM	3	3	21.70	21.75	21.58		
1.4	16QAM	6	0	20.86	20.87	20.79	22	2
1.4	64QAM	1	0	20.84	20.81	20.77	22	2
1.4	64QAM	1	3	20.72	20.69	20.67		
1.4	64QAM	1	5	20.72	20.79	20.73		
1.4	64QAM	3	0	20.75	20.81	20.67		
1.4	64QAM	3	1	20.73	20.69	20.75		
1.4	64QAM	3	3	20.64	20.56	20.61		
1.4	64QAM	6	0	19.81	19.76	19.90	21	3
1.4	256QAM	1	0	17.91	17.85	17.80	19	5
1.4	256QAM	1	3	17.73	17.87	17.74		
1.4	256QAM	1	5	17.71	17.88	17.85		
1.4	256QAM	3	0	17.72	17.84	17.81		
1.4	256QAM	3	1	17.75	17.77	17.80		
1.4	256QAM	3	3	17.82	17.73	17.62		
1.4	256QAM	6	0	17.68	17.76	17.72	19	5

Band 17 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.05	23.10	23.06	24	0
10	QPSK	1	25	22.89	22.96	22.98		
10	QPSK	1	49	22.95	22.92	23.01		
10	QPSK	25	0	21.81	21.87	21.86	23	1
10	QPSK	25	12	21.80	21.79	21.79		
10	QPSK	25	25	21.83	21.84	21.79		
10	QPSK	50	0	21.84	21.85	21.84		
10	16QAM	1	0	21.75	21.80	21.72	23	1
10	16QAM	1	25	21.82	21.76	21.61		
10	16QAM	1	49	21.75	21.84	21.78		
10	16QAM	25	0	20.91	20.92	20.98	22	2
10	16QAM	25	12	20.89	20.73	20.81		
10	16QAM	25	25	20.85	20.88	20.83		
10	16QAM	50	0	20.82	20.83	20.82		
10	64QAM	1	0	20.76	20.85	20.80	22	2
10	64QAM	1	25	20.79	20.78	20.60		
10	64QAM	1	49	20.68	20.82	20.77		
10	64QAM	25	0	19.86	19.92	19.97	21	3
10	64QAM	25	12	19.82	19.78	19.78		
10	64QAM	25	25	19.85	19.85	19.85		
10	64QAM	50	0	19.74	19.82	19.88		
10	256QAM	1	0	17.85	17.87	17.81	19	5
10	256QAM	1	25	17.71	17.88	17.73		
10	256QAM	1	49	17.77	17.84	17.87		
10	256QAM	25	0	17.71	17.86	17.75	19	5
10	256QAM	25	12	17.82	17.86	17.74		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.72	17.84	17.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.93	23.01	23.03	24	0
5	QPSK	1	12	22.79	22.90	22.90		
5	QPSK	1	24	22.85	22.86	22.90		
5	QPSK	12	0	21.75	21.75	21.79	23	1
5	QPSK	12	7	21.69	21.67	21.75		
5	QPSK	12	13	21.72	21.84	21.69		
5	QPSK	25	0	21.80	21.85	21.76		
5	16QAM	1	0	21.74	21.77	21.63	23	1
5	16QAM	1	12	21.76	21.65	21.52		
5	16QAM	1	24	21.68	21.83	21.76		
5	16QAM	12	0	20.84	20.84	20.97	22	2
5	16QAM	12	7	20.83	20.71	20.80		
5	16QAM	12	13	20.78	20.85	20.78		
5	16QAM	25	0	20.74	20.75	20.80		
5	64QAM	1	0	20.67	20.79	20.72	22	2
5	64QAM	1	12	20.77	20.71	20.49		
5	64QAM	1	24	20.56	20.73	20.76		
5	64QAM	12	0	19.75	19.89	19.87	21	3
5	64QAM	12	7	19.74	19.69	19.72		
5	64QAM	12	13	19.81	19.73	19.80		
5	64QAM	25	0	19.73	19.75	19.87		
5	256QAM	1	0	17.76	17.76	17.69	19	5
5	256QAM	1	12	17.66	17.83	17.71		
5	256QAM	1	24	17.73	17.79	17.84		
5	256QAM	12	0	17.69	17.75	17.68	19	5
5	256QAM	12	7	17.80	17.80	17.68		
5	256QAM	12	13	17.69	17.72	17.67		
5	256QAM	25	0	17.69	17.75	17.74		

Band 26 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.15	23.08	24	0
15	QPSK	1	37	22.99	23.09	23.04		
15	QPSK	1	74	23.08	23.12	22.95		
15	QPSK	36	0	22.06	22.10	22.08	23	1
15	QPSK	36	20	21.96	22.02	21.97		
15	QPSK	36	39	21.99	22.03	21.98		
15	QPSK	75	0	22.02	22.06	22.03		
15	16QAM	1	0	21.98	22.03	21.98	23	1
15	16QAM	1	37	21.87	21.98	21.85		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	21.11	21.07	21.04	22	2
15	16QAM	36	20	20.91	21.00	20.95		
15	16QAM	36	39	20.95	21.09	20.96		
15	16QAM	75	0	21.01	21.12	21.06		
15	64QAM	1	0	20.93	21.08	20.93	22	2
15	64QAM	1	37	20.88	20.92	20.80		
15	64QAM	1	74	20.87	20.97	20.88		
15	64QAM	36	0	20.04	20.07	20.03	21	3
15	64QAM	36	20	20.01	20.07	20.03		
15	64QAM	36	39	19.98	20.08	19.97		
15	64QAM	75	0	20.01	20.04	20.05		
15	256QAM	1	0	18.05	18.04	18.06	19	5
15	256QAM	1	37	18.02	18.01	17.99		
15	256QAM	1	74	18.01	18.09	17.92		
15	256QAM	36	0	18.07	18.02	18.04	19	5
15	256QAM	36	20	17.95	18.04	18.03		
15	256QAM	36	39	17.85	17.95	17.91		
15	256QAM	75	0	17.91	18.01	17.81		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.99	23.05	23.03	24	0
10	QPSK	1	25	22.90	23.05	22.99		
10	QPSK	1	49	23.01	23.05	22.83		
10	QPSK	25	0	21.99	22.02	21.97	23	1
10	QPSK	25	12	21.85	21.88	21.89		
10	QPSK	25	25	21.89	21.95	21.90		
10	QPSK	50	0	21.97	21.95	21.95		
10	16QAM	1	0	21.92	21.98	21.93	23	1
10	16QAM	1	25	21.84	21.86	21.74		
10	16QAM	1	49	21.85	21.89	21.78		
10	16QAM	25	0	21.03	21.04	20.96	22	2
10	16QAM	25	12	20.77	20.88	20.83		
10	16QAM	25	25	20.87	20.96	20.94		
10	16QAM	50	0	20.97	21.05	21.03		
10	64QAM	1	0	20.87	21.00	20.85	22	2
10	64QAM	1	25	20.76	20.89	20.74		
10	64QAM	1	49	20.84	20.85	20.74		
10	64QAM	25	0	19.95	19.95	19.95	21	3
10	64QAM	25	12	19.89	20.01	19.91		
10	64QAM	25	25	19.85	19.97	19.92		
10	64QAM	50	0	19.99	19.95	20.03		
10	256QAM	1	0	17.93	17.91	17.93	19	5
10	256QAM	1	25	17.91	17.90	17.85		
10	256QAM	1	49	17.97	18.00	17.79		
10	256QAM	25	0	17.98	17.94	17.94	19	5
10	256QAM	25	12	17.81	18.02	17.90		
10	256QAM	25	25	17.83	17.91	17.78		
10	256QAM	50	0	17.80	17.93	17.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.00	23.09	23.04	24	0
5	QPSK	1	12	22.96	23.03	22.96		
5	QPSK	1	24	22.96	22.99	22.84		
5	QPSK	12	0	22.03	22.02	21.99	23	1
5	QPSK	12	7	21.86	21.93	21.92		
5	QPSK	12	13	21.96	21.93	21.88		
5	QPSK	25	0	21.88	21.96	21.91		
5	16QAM	1	0	21.86	21.93	21.88	23	1
5	16QAM	1	12	21.75	21.92	21.74		
5	16QAM	1	24	21.83	21.85	21.83		
5	16QAM	12	0	21.06	20.97	20.95	22	2
5	16QAM	12	7	20.89	20.87	20.87		
5	16QAM	12	13	20.89	20.98	20.87		
5	16QAM	25	0	20.95	21.01	20.96		
5	64QAM	1	0	20.90	21.03	20.89	22	2
5	64QAM	1	12	20.83	20.83	20.68		
5	64QAM	1	24	20.75	20.92	20.83		
5	64QAM	12	0	19.99	19.95	20.01	21	3
5	64QAM	12	7	19.89	20.05	20.00		
5	64QAM	12	13	19.91	19.96	19.86		
5	64QAM	25	0	19.93	19.94	19.92		
5	256QAM	1	0	17.92	18.01	17.99	19	5
5	256QAM	1	12	17.95	17.92	17.96		
5	256QAM	1	24	17.94	18.04	17.89		
5	256QAM	12	0	17.94	17.97	17.95	19	5
5	256QAM	12	7	17.85	17.98	18.00		
5	256QAM	12	13	17.72	17.85	17.84		
5	256QAM	25	0	17.84	17.95	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.03	23.08	22.99	24	0
3	QPSK	1	8	22.93	23.03	22.91		
3	QPSK	1	14	23.06	23.09	22.90		
3	QPSK	8	0	22.02	22.01	21.97	23	1
3	QPSK	8	4	21.82	21.95	21.92		
3	QPSK	8	7	21.85	22.01	21.87		
3	QPSK	15	0	21.95	21.95	22.00		
3	16QAM	1	0	21.87	21.90	21.91	23	1
3	16QAM	1	8	21.85	21.88	21.77		
3	16QAM	1	14	21.77	21.90	21.76		
3	16QAM	8	0	21.01	20.93	20.94	22	2
3	16QAM	8	4	20.88	20.89	20.87		
3	16QAM	8	7	20.91	21.06	20.83		
3	16QAM	15	0	20.94	21.07	20.93		
3	64QAM	1	0	20.80	21.04	20.81	22	2
3	64QAM	1	8	20.76	20.81	20.75		
3	64QAM	1	14	20.82	20.86	20.74		
3	64QAM	8	0	19.96	20.02	19.98	21	3
3	64QAM	8	4	19.89	19.95	19.97		
3	64QAM	8	7	19.91	19.98	19.94		
3	64QAM	15	0	19.87	19.95	19.92		
3	256QAM	1	0	17.97	17.91	18.02	19	5
3	256QAM	1	8	18.00	17.96	17.95		
3	256QAM	1	14	17.90	18.01	17.84		
3	256QAM	8	0	18.00	17.90	17.94	19	5
3	256QAM	8	4	17.87	18.01	17.95		
3	256QAM	8	7	17.76	17.92	17.89		
3	256QAM	15	0	17.80	17.88	17.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.03	22.98	24	0
1.4	QPSK	1	3	22.87	23.07	23.01		
1.4	QPSK	1	5	23.01	23.07	22.91		
1.4	QPSK	3	0	23.03	23.01	22.90		
1.4	QPSK	3	1	22.81	23.05	22.92		
1.4	QPSK	3	3	22.91	22.99	22.86		
1.4	QPSK	6	0	21.89	22.00	22.00	23	1
1.4	16QAM	1	0	21.94	22.00	21.90	23	1
1.4	16QAM	1	3	21.75	21.91	21.83		
1.4	16QAM	1	5	21.87	21.87	21.75		
1.4	16QAM	3	0	21.77	21.90	21.87		
1.4	16QAM	3	1	21.85	21.89	21.84		
1.4	16QAM	3	3	21.65	21.83	21.71		
1.4	16QAM	6	0	20.88	21.07	21.01	22	2
1.4	64QAM	1	0	20.82	20.97	20.88	22	2
1.4	64QAM	1	3	20.82	20.86	20.67		
1.4	64QAM	1	5	20.74	20.94	20.83		
1.4	64QAM	3	0	20.77	20.99	20.89		
1.4	64QAM	3	1	20.74	20.95	20.78		
1.4	64QAM	3	3	20.79	20.73	20.59		
1.4	64QAM	6	0	19.87	19.97	19.99	21	3
1.4	256QAM	1	0	18.03	17.91	17.94	19	5
1.4	256QAM	1	3	17.92	17.89	17.87		
1.4	256QAM	1	5	17.95	18.01	17.82		
1.4	256QAM	3	0	18.02	17.93	18.02		
1.4	256QAM	3	1	17.92	17.93	17.95		
1.4	256QAM	3	3	17.72	17.84	17.77		
1.4	256QAM	6	0	17.81	17.94	17.69	19	5

GSM850 Ant 1 ECI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00	0.05

Band		WCDMA II Ant 1 ECI2			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI2			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI2			Tune-up Limit (dBm)	WCDMA II	WCDMA IV	WCDMA V
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		Ch Delta > 0.5		
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458				
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	21.23	21.48	21.35	23.00	21.37	21.48	21.40	23.00	24.19	24.25	24.13	25.00	0.25	0.11	0.12

Band 2 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.48	22.59	22.56	24	0

Band 4 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.62	22.67	22.54	24	0

Band 66 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.69	22.74	22.65	24	0

Band 7 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.82	22.58	22.85	24	0

Band 38 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.85	23.05	22.98	25	0

Band 41 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.01	22.96	23.10	23.05	22.99	25	0

Band 41 HPUE Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.07	26.13	26.15	26.10	26.06	27	0

Band 5 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.66	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM 1900 Ant 2 ECI2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GPRS 4 Tx slots	17.72	17.76	17.70	19.00	14.72	14.76	14.70	16.00	0.06

Band		WCDMA II Ant 2 ECI2			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI2			Tune-up Limit (dBm)	WCDMA II	WCDMA IV
TX Channel		9262	9400	9538		1312	1413	1513		Ch Delta > 0.5	
Rx Channel		9662	9800	9938		1537	1638	1738			
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6			
3GPP Rel 99	RMC 12.2Kbps	14.35	14.38	14.32	15.90	15.35	15.39	15.32	16.60	0.06	0.07

Band 2 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	10.75	10.77	10.73	12.1	0

Band 4 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.28	12.32	12.26	13.5	0

Band 66 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.35	12.38	12.32	13.5	0

Band 7 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.85	13.92	13.89	15.4	0

Band 38 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.48	14.55	14.51	15.5	0

Band 41 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.52	14.56	14.59	14.55	14.54	15.5	0

Band 41 HPUE Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.66	15.70	15.75	15.69	15.72	17.1	0

Band		WCDMA II Ant 3 ECI2			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI2			Tune-up Limit (dBm)	WCDMA II	WCDMA IV
TX Channel		9262	9400	9538		1312	1413	1513		Ch Delta > 0.5	
Rx Channel		9662	9800	9938		1537	1638	1738			
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6			
3GPP Rel 99	RMC 12.2Kbps	14.93	14.95	14.91	16.10	15.52	15.56	15.54	16.70	0.04	0.04

Band 2 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.20	15.24	15.19	16.7	0

Band 4 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.05	14.10	14.08	15.5	0

Band 66 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.10	14.15	14.12	15.5	0

Band 7 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.18	15.25	15.21	16.3	0

Band 38 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.00	18.04	17.96	18.7	0

Band 41 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.04	18.05	18.10	18.06	18.02	18.7	0

Band 41 HPUE Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.28	19.34	19.35	19.32	19.30	20.3	0

Band 42 Part 27Q Ant 4 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.35	14.40	14.38	15.4	0
20	QPSK	1	49	14.24	14.28	14.31		
20	QPSK	1	99	14.32	14.29	14.29		
20	QPSK	50	0	14.32	14.37	14.30	15.4	0
20	QPSK	50	24	14.32	14.30	14.33		
20	QPSK	50	50	14.24	14.27	14.27		
20	QPSK	100	0	14.30	14.35	14.29		
20	16QAM	1	0	14.29	14.34	14.34	15.4	0
20	16QAM	1	49	14.16	14.24	14.20		
20	16QAM	1	99	14.28	14.23	14.23		
20	16QAM	50	0	14.28	14.30	14.18	15.4	0
20	16QAM	50	24	14.19	14.17	14.21		
20	16QAM	50	50	14.17	14.13	14.23		
20	16QAM	100	0	14.21	14.26	14.17		
20	64QAM	1	0	14.26	14.34	14.29	15.4	0
20	64QAM	1	49	14.15	14.18	14.17		
20	64QAM	1	99	14.27	14.20	14.27		
20	64QAM	50	0	14.27	14.30	14.17	15.4	0
20	64QAM	50	24	14.21	14.25	14.28		
20	64QAM	50	50	14.13	14.18	14.19		
20	64QAM	100	0	14.17	14.28	14.18		
20	256QAM	1	0	14.30	14.32	14.27	15.4	0
20	256QAM	1	49	14.10	14.23	14.25		
20	256QAM	1	99	14.24	14.27	14.26		
20	256QAM	50	0	14.26	14.26	14.22	15.4	0
20	256QAM	50	24	14.30	14.24	14.25		
20	256QAM	50	50	14.16	14.19	14.16		
20	256QAM	100	0	14.27	14.26	14.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.24	14.29	14.33	15.4	0
15	QPSK	1	37	14.12	14.15	14.29		
15	QPSK	1	74	14.21	14.25	14.26		
15	QPSK	36	0	14.27	14.29	14.20	15.4	0
15	QPSK	36	20	14.18	14.21	14.24		
15	QPSK	36	39	14.11	14.24	14.15		
15	QPSK	75	0	14.26	14.25	14.21		
15	16QAM	1	0	14.22	14.28	14.25	15.4	0
15	16QAM	1	37	14.11	14.12	14.13		
15	16QAM	1	74	14.25	14.11	14.15		
15	16QAM	36	0	14.25	14.25	14.12	15.4	0
15	16QAM	36	20	14.06	14.08	14.10		
15	16QAM	36	39	14.06	13.99	14.10		
15	16QAM	75	0	14.16	14.24	14.12		
15	64QAM	1	0	14.15	14.29	14.26	15.4	0
15	64QAM	1	37	14.04	14.08	14.05		
15	64QAM	1	74	14.23	14.08	14.18		
15	64QAM	36	0	14.23	14.20	14.05	15.4	0
15	64QAM	36	20	14.09	14.15	14.26		
15	64QAM	36	39	14.04	14.13	14.10		
15	64QAM	75	0	14.06	14.19	14.05		
15	256QAM	1	0	14.20	14.20	14.17	15.4	0
15	256QAM	1	37	14.05	14.12	14.21		
15	256QAM	1	74	14.21	14.15	14.15		
15	256QAM	36	0	14.23	14.21	14.13	15.4	0
15	256QAM	36	20	14.26	14.21	14.16		
15	256QAM	36	39	14.03	14.11	14.11		
15	256QAM	75	0	14.24	14.24	14.15		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.23	14.30	14.34	15.4	0
10	QPSK	1	25	14.15	14.19	14.25		
10	QPSK	1	49	14.19	14.22	14.20		
10	QPSK	25	0	14.19	14.33	14.26	15.4	0
10	QPSK	25	12	14.21	14.18	14.29		
10	QPSK	25	25	14.14	14.18	14.18		
10	QPSK	50	0	14.20	14.27	14.27	15.4	0
10	16QAM	1	0	14.27	14.31	14.24		
10	16QAM	1	25	14.07	14.21	14.16		
10	16QAM	1	49	14.17	14.15	14.19		
10	16QAM	25	0	14.23	14.18	14.08	15.4	0
10	16QAM	25	12	14.13	14.11	14.17		
10	16QAM	25	25	14.13	14.08	14.16		
10	16QAM	50	0	14.18	14.12	14.11		
10	64QAM	1	0	14.20	14.25	14.20	15.4	0
10	64QAM	1	25	14.10	14.07	14.14		
10	64QAM	1	49	14.20	14.14	14.14		
10	64QAM	25	0	14.20	14.24	14.06	15.4	0
10	64QAM	25	12	14.13	14.13	14.18		
10	64QAM	25	25	14.08	14.15	14.09		
10	64QAM	50	0	14.05	14.15	14.10		
10	256QAM	1	0	14.18	14.23	14.20	15.4	0
10	256QAM	1	25	14.05	14.13	14.18		
10	256QAM	1	49	14.12	14.22	14.24		
10	256QAM	25	0	14.18	14.19	14.13	15.4	0
10	256QAM	25	12	14.26	14.19	14.13		
10	256QAM	25	25	14.03	14.09	14.04		
10	256QAM	50	0	14.14	14.21	14.14		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.28	14.36	14.32	15.4	0
5	QPSK	1	12	14.12	14.22	14.20		
5	QPSK	1	24	14.24	14.16	14.25		
5	QPSK	12	0	14.29	14.26	14.16	15.4	0
5	QPSK	12	7	14.26	14.26	14.19		
5	QPSK	12	13	14.14	14.18	14.23		
5	QPSK	25	0	14.18	14.32	14.22		
5	16QAM	1	0	14.16	14.31	14.31	15.4	0
5	16QAM	1	12	14.08	14.16	14.13		
5	16QAM	1	24	14.19	14.14	14.20		
5	16QAM	12	0	14.15	14.25	14.13	15.4	0
5	16QAM	12	7	14.15	14.11	14.18		
5	16QAM	12	13	14.03	14.02	14.17		
5	16QAM	25	0	14.12	14.12	14.15		
5	64QAM	1	0	14.21	14.25	14.19	15.4	0
5	64QAM	1	12	14.02	14.07	14.14		
5	64QAM	1	24	14.17	14.15	14.14		
5	64QAM	12	0	14.17	14.23	14.09	15.4	0
5	64QAM	12	7	14.16	14.18	14.19		
5	64QAM	12	13	14.07	14.15	14.12		
5	64QAM	25	0	14.14	14.16	14.05		
5	256QAM	1	0	14.28	14.19	14.17	15.4	0
5	256QAM	1	12	14.00	14.15	14.15		
5	256QAM	1	24	14.14	14.16	14.17		
5	256QAM	12	0	14.17	14.16	14.10	15.4	0
5	256QAM	12	7	14.26	14.19	14.22		
5	256QAM	12	13	14.07	14.06	14.11		
5	256QAM	25	0	14.22	14.21	14.10		

Band 42 Part 27Q Ant 6 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.16	15.20	15.15	16.5	0
20	QPSK	1	49	15.03	15.06	15.07		
20	QPSK	1	99	15.03	15.09	15.08		
20	QPSK	50	0	15.11	15.16	15.11	16.5	0
20	QPSK	50	24	15.14	15.10	15.10		
20	QPSK	50	50	15.07	15.11	15.13		
20	QPSK	100	0	15.04	15.10	15.09		
20	16QAM	1	0	15.10	15.18	15.11	16.5	0
20	16QAM	1	49	14.90	15.00	15.03		
20	16QAM	1	99	14.90	14.97	15.03		
20	16QAM	50	0	15.09	15.11	15.05	16.5	0
20	16QAM	50	24	15.03	15.06	15.05		
20	16QAM	50	50	14.94	15.08	15.08		
20	16QAM	100	0	15.01	15.04	15.06		
20	64QAM	1	0	15.06	15.14	15.06	16.5	0
20	64QAM	1	49	14.98	15.03	14.99		
20	64QAM	1	99	14.90	15.05	14.99		
20	64QAM	50	0	15.08	15.02	15.01	16.5	0
20	64QAM	50	24	15.02	15.02	15.01		
20	64QAM	50	50	14.95	14.98	15.05		
20	64QAM	100	0	14.94	15.05	14.99		
20	256QAM	1	0	15.08	15.09	15.12	16.5	0
20	256QAM	1	49	14.91	14.97	14.98		
20	256QAM	1	99	14.93	14.97	15.02		
20	256QAM	50	0	15.02	15.09	14.97	16.5	0
20	256QAM	50	24	15.04	15.06	15.03		
20	256QAM	50	50	14.98	14.99	15.11		
20	256QAM	100	0	14.92	15.07	15.03		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.05	15.18	15.07	16.5	0
15	QPSK	1	37	14.92	15.03	14.96		
15	QPSK	1	74	14.96	15.05	14.98		
15	QPSK	36	0	14.98	15.10	15.06	16.5	0
15	QPSK	36	20	15.11	15.07	14.99		
15	QPSK	36	39	14.98	15.08	15.07		
15	QPSK	75	0	15.01	15.01	15.02		
15	16QAM	1	0	14.99	15.10	15.06	16.5	0
15	16QAM	1	37	14.79	14.96	14.91		
15	16QAM	1	74	14.87	14.83	14.93		
15	16QAM	36	0	14.98	15.07	14.93	16.5	0
15	16QAM	36	20	14.98	14.98	14.92		
15	16QAM	36	39	14.84	14.97	15.02		
15	16QAM	75	0	14.88	15.02	14.97		
15	64QAM	1	0	14.98	15.08	14.93	16.5	0
15	64QAM	1	37	14.86	14.90	14.89		
15	64QAM	1	74	14.78	14.94	14.92		
15	64QAM	36	0	15.03	14.91	14.96	16.5	0
15	64QAM	36	20	14.98	14.99	14.95		
15	64QAM	36	39	14.89	14.89	14.95		
15	64QAM	75	0	14.87	14.98	14.97		
15	256QAM	1	0	14.96	15.05	15.01	16.5	0
15	256QAM	1	37	14.86	14.94	14.94		
15	256QAM	1	74	14.82	14.86	14.92		
15	256QAM	36	0	14.92	15.02	14.87	16.5	0
15	256QAM	36	20	15.01	15.02	14.90		
15	256QAM	36	39	14.89	14.93	15.03		
15	256QAM	75	0	14.84	15.03	14.98		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.13	15.13	15.01	16.5	0
10	QPSK	1	25	14.92	14.97	15.03		
10	QPSK	1	49	15.01	15.00	15.05		
10	QPSK	25	0	15.03	15.06	15.06	16.5	0
10	QPSK	25	12	15.05	14.98	14.99		
10	QPSK	25	25	15.02	15.06	15.03		
10	QPSK	50	0	14.93	14.97	15.00		
10	16QAM	1	0	15.03	15.12	15.05	16.5	0
10	16QAM	1	25	14.88	14.91	14.89		
10	16QAM	1	49	14.88	14.89	14.89		
10	16QAM	25	0	14.96	15.06	14.91	16.5	0
10	16QAM	25	12	14.99	14.97	14.95		
10	16QAM	25	25	14.85	15.00	15.00		
10	16QAM	50	0	14.88	14.91	14.95		
10	64QAM	1	0	14.97	15.05	15.03	16.5	0
10	64QAM	1	25	14.95	14.97	14.86		
10	64QAM	1	49	14.76	14.92	14.85		
10	64QAM	25	0	15.06	14.99	14.93	16.5	0
10	64QAM	25	12	14.93	14.98	14.92		
10	64QAM	25	25	14.90	14.86	15.00		
10	64QAM	50	0	14.89	14.99	14.96		
10	256QAM	1	0	14.97	15.06	15.06	16.5	0
10	256QAM	1	25	14.80	14.86	14.91		
10	256QAM	1	49	14.82	14.93	14.90		
10	256QAM	25	0	14.96	14.98	14.93	16.5	0
10	256QAM	25	12	14.98	15.00	14.92		
10	256QAM	25	25	14.93	14.86	14.97		
10	256QAM	50	0	14.86	14.98	14.91		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.07	15.07	15.11	16.5	0
5	QPSK	1	12	14.89	14.93	14.97		
5	QPSK	1	24	14.99	15.02	15.04		
5	QPSK	12	0	15.07	15.13	15.03	16.5	0
5	QPSK	12	7	15.12	14.98	14.99		
5	QPSK	12	13	15.02	14.98	15.05		
5	QPSK	25	0	14.97	15.06	14.99		
5	16QAM	1	0	15.03	15.08	15.02	16.5	0
5	16QAM	1	12	14.81	14.95	15.00		
5	16QAM	1	24	14.78	14.85	14.89		
5	16QAM	12	0	15.03	15.03	15.00	16.5	0
5	16QAM	12	7	14.98	14.99	14.95		
5	16QAM	12	13	14.92	14.98	14.95		
5	16QAM	25	0	14.96	14.95	15.03		
5	64QAM	1	0	14.93	15.05	14.97	16.5	0
5	64QAM	1	12	14.89	14.92	14.87		
5	64QAM	1	24	14.81	15.02	14.93		
5	64QAM	12	0	14.94	14.91	14.94	16.5	0
5	64QAM	12	7	14.89	14.98	14.98		
5	64QAM	12	13	14.86	14.91	15.01		
5	64QAM	25	0	14.80	14.97	14.89		
5	256QAM	1	0	15.05	14.96	14.99	16.5	0
5	256QAM	1	12	14.82	14.88	14.95		
5	256QAM	1	24	14.86	14.91	14.95		
5	256QAM	12	0	14.98	15.00	14.89	16.5	0
5	256QAM	12	7	15.01	14.96	14.97		
5	256QAM	12	13	14.92	14.86	14.99		
5	256QAM	25	0	14.87	15.01	14.93		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.65	15.70	15.63	16.7	0
20	QPSK	1	49	15.53	15.64	15.56		
20	QPSK	1	99	15.57	15.65	15.49		
20	QPSK	50	0	15.62	15.66	15.58	16.7	0
20	QPSK	50	24	15.57	15.56	15.52		
20	QPSK	50	50	15.61	15.60	15.56		
20	QPSK	100	0	15.61	15.64	15.53		
20	16QAM	1	0	15.58	15.59	15.51	16.7	0
20	16QAM	1	49	15.42	15.61	15.52		
20	16QAM	1	99	15.46	15.56	15.41		
20	16QAM	50	0	15.53	15.55	15.45	16.7	0
20	16QAM	50	24	15.45	15.43	15.43		
20	16QAM	50	50	15.53	15.49	15.50		
20	16QAM	100	0	15.53	15.56	15.47		
20	64QAM	1	0	15.63	15.63	15.60	16.7	0
20	64QAM	1	49	15.39	15.59	15.43		
20	64QAM	1	99	15.45	15.58	15.39		
20	64QAM	50	0	15.52	15.55	15.51	16.7	0
20	64QAM	50	24	15.45	15.43	15.45		
20	64QAM	50	50	15.53	15.55	15.46		
20	64QAM	100	0	15.54	15.60	15.44		
20	256QAM	1	0	15.62	15.57	15.53	16.7	0
20	256QAM	1	49	15.45	15.60	15.46		
20	256QAM	1	99	15.49	15.52	15.43		
20	256QAM	50	0	15.52	15.58	15.47	16.7	0
20	256QAM	50	24	15.43	15.50	15.50		
20	256QAM	50	50	15.58	15.53	15.54		
20	256QAM	100	0	15.50	15.60	15.41		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.57	15.67	15.54	16.7	0
15	QPSK	1	37	15.50	15.51	15.48		
15	QPSK	1	74	15.49	15.59	15.36		
15	QPSK	36	0	15.57	15.63	15.52	16.7	0
15	QPSK	36	20	15.52	15.50	15.43		
15	QPSK	36	39	15.53	15.50	15.43		
15	QPSK	75	0	15.54	15.52	15.50		
15	16QAM	1	0	15.53	15.55	15.49	16.7	0
15	16QAM	1	37	15.35	15.55	15.47		
15	16QAM	1	74	15.37	15.43	15.30		
15	16QAM	36	0	15.40	15.46	15.33	16.7	0
15	16QAM	36	20	15.40	15.33	15.36		
15	16QAM	36	39	15.45	15.47	15.38		
15	16QAM	75	0	15.46	15.52	15.40		
15	64QAM	1	0	15.53	15.50	15.50	16.7	0
15	64QAM	1	37	15.36	15.46	15.38		
15	64QAM	1	74	15.42	15.55	15.31		
15	64QAM	36	0	15.47	15.48	15.41	16.7	0
15	64QAM	36	20	15.37	15.33	15.36		
15	64QAM	36	39	15.42	15.42	15.43		
15	64QAM	75	0	15.52	15.55	15.31		
15	256QAM	1	0	15.54	15.47	15.48	16.7	0
15	256QAM	1	37	15.43	15.47	15.38		
15	256QAM	1	74	15.45	15.46	15.30		
15	256QAM	36	0	15.42	15.53	15.41	16.7	0
15	256QAM	36	20	15.37	15.45	15.46		
15	256QAM	36	39	15.44	15.47	15.49		
15	256QAM	75	0	15.47	15.48	15.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.63	15.60	15.55	16.7	0
10	QPSK	1	25	15.49	15.62	15.46		
10	QPSK	1	49	15.47	15.51	15.36		
10	QPSK	25	0	15.53	15.57	15.48	16.7	0
10	QPSK	25	12	15.47	15.45	15.47		
10	QPSK	25	25	15.57	15.48	15.52		
10	QPSK	50	0	15.50	15.57	15.45		
10	16QAM	1	0	15.50	15.48	15.49	16.7	0
10	16QAM	1	25	15.30	15.56	15.40		
10	16QAM	1	49	15.41	15.46	15.30		
10	16QAM	25	0	15.41	15.43	15.36	16.7	0
10	16QAM	25	12	15.33	15.32	15.38		
10	16QAM	25	25	15.39	15.42	15.47		
10	16QAM	50	0	15.44	15.43	15.36		
10	64QAM	1	0	15.52	15.52	15.48	16.7	0
10	64QAM	1	25	15.33	15.53	15.35		
10	64QAM	1	49	15.40	15.56	15.26		
10	64QAM	25	0	15.41	15.47	15.43	16.7	0
10	64QAM	25	12	15.38	15.36	15.35		
10	64QAM	25	25	15.41	15.43	15.39		
10	64QAM	50	0	15.44	15.53	15.35		
10	256QAM	1	0	15.54	15.48	15.40	16.7	0
10	256QAM	1	25	15.42	15.46	15.33		
10	256QAM	1	49	15.36	15.38	15.31		
10	256QAM	25	0	15.46	15.56	15.35	16.7	0
10	256QAM	25	12	15.36	15.37	15.36		
10	256QAM	25	25	15.44	15.44	15.43		
10	256QAM	50	0	15.47	15.55	15.36		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.58	15.60	15.57	16.7	0
5	QPSK	1	12	15.47	15.51	15.42		
5	QPSK	1	24	15.55	15.62	15.46		
5	QPSK	12	0	15.53	15.61	15.46	16.7	0
5	QPSK	12	7	15.48	15.51	15.40		
5	QPSK	12	13	15.58	15.57	15.52		
5	QPSK	25	0	15.52	15.52	15.46		
5	16QAM	1	0	15.55	15.48	15.44	16.7	0
5	16QAM	1	12	15.31	15.57	15.41		
5	16QAM	1	24	15.42	15.44	15.34		
5	16QAM	12	0	15.42	15.47	15.35	16.7	0
5	16QAM	12	7	15.32	15.29	15.40		
5	16QAM	12	13	15.43	15.40	15.41		
5	16QAM	25	0	15.45	15.50	15.41		
5	64QAM	1	0	15.53	15.49	15.49	16.7	0
5	64QAM	1	12	15.31	15.51	15.35		
5	64QAM	1	24	15.36	15.55	15.26		
5	64QAM	12	0	15.40	15.46	15.41	16.7	0
5	64QAM	12	7	15.32	15.30	15.33		
5	64QAM	12	13	15.39	15.47	15.33		
5	64QAM	25	0	15.48	15.56	15.36		
5	256QAM	1	0	15.59	15.54	15.51	16.7	0
5	256QAM	1	12	15.36	15.47	15.35		
5	256QAM	1	24	15.35	15.49	15.41		
5	256QAM	12	0	15.46	15.47	15.45	16.7	0
5	256QAM	12	7	15.37	15.36	15.43		
5	256QAM	12	13	15.54	15.45	15.50		
5	256QAM	25	0	15.39	15.47	15.35		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.18	21.25	21.21	22.3	0
20	QPSK	1	49	21.09	21.18	21.09		
20	QPSK	1	99	21.09	21.11	21.14		
20	QPSK	50	0	21.14	21.22	21.12	22.3	0
20	QPSK	50	24	21.05	21.12	21.16		
20	QPSK	50	50	21.16	21.14	21.08		
20	QPSK	100	0	21.07	21.18	21.10		
20	16QAM	1	0	21.04	21.17	21.06	22.3	0
20	16QAM	1	49	20.94	21.09	21.09		
20	16QAM	1	99	21.10	21.09	20.97		
20	16QAM	50	0	20.78	20.82	20.72	22	0.3
20	16QAM	50	24	20.72	20.81	20.84		
20	16QAM	50	50	20.77	20.78	20.70		
20	16QAM	100	0	20.71	20.82	20.79		
20	64QAM	1	0	20.65	20.85	20.65	22	0.3
20	64QAM	1	49	20.61	20.72	20.68		
20	64QAM	1	99	20.74	20.76	20.64		
20	64QAM	50	0	19.82	19.94	19.82	21	1.3
20	64QAM	50	24	19.81	19.80	19.88		
20	64QAM	50	50	19.80	19.87	19.80		
20	64QAM	100	0	19.80	19.88	19.78		
20	256QAM	1	0	17.79	17.91	17.85	19	3.3
20	256QAM	1	49	17.76	17.85	17.84		
20	256QAM	1	99	17.86	17.90	17.78		
20	256QAM	50	0	17.76	17.91	17.75	19	3.3
20	256QAM	50	24	17.70	17.86	17.72		
20	256QAM	50	50	17.67	17.83	17.74		
20	256QAM	100	0	17.83	17.79	17.64		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.09	21.14	21.17	22.3	0
15	QPSK	1	37	21.07	21.06	21.06		
15	QPSK	1	74	21.03	21.00	21.11		
15	QPSK	36	0	21.06	21.12	21.07	22.3	0
15	QPSK	36	20	20.96	21.01	21.11		
15	QPSK	36	39	21.11	21.09	21.03		
15	QPSK	75	0	20.98	21.05	20.99		
15	16QAM	1	0	20.90	21.09	21.02	22.3	0
15	16QAM	1	37	20.82	21.00	21.00		
15	16QAM	1	74	20.98	20.98	20.88		
15	16QAM	36	0	20.66	20.68	20.66	22	0.3
15	16QAM	36	20	20.67	20.74	20.75		
15	16QAM	36	39	20.74	20.72	20.62		
15	16QAM	75	0	20.61	20.76	20.73		
15	64QAM	1	0	20.51	20.72	20.63	22	0.3
15	64QAM	1	37	20.48	20.59	20.55		
15	64QAM	1	74	20.60	20.73	20.51		
15	64QAM	36	0	19.75	19.81	19.73	21	1.3
15	64QAM	36	20	19.78	19.66	19.80		
15	64QAM	36	39	19.76	19.74	19.69		
15	64QAM	75	0	19.75	19.79	19.72		
15	256QAM	1	0	17.72	17.82	17.80	19	3.3
15	256QAM	1	37	17.64	17.72	17.74		
15	256QAM	1	74	17.73	17.87	17.72		
15	256QAM	36	0	17.63	17.81	17.69	19	3.3
15	256QAM	36	20	17.68	17.77	17.58		
15	256QAM	36	39	17.64	17.75	17.71		
15	256QAM	75	0	17.75	17.72	17.58		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.10	21.21	21.12	22.3	0
10	QPSK	1	25	20.97	21.14	20.97		
10	QPSK	1	49	20.98	21.03	21.06		
10	QPSK	25	0	21.06	21.09	21.04	22.3	0
10	QPSK	25	12	20.92	21.04	21.13		
10	QPSK	25	25	21.06	21.11	21.03		
10	QPSK	50	0	21.01	21.05	21.03		
10	16QAM	1	0	21.00	21.07	20.92	22.3	0
10	16QAM	1	25	20.89	21.04	21.06		
10	16QAM	1	49	20.97	21.01	20.93		
10	16QAM	25	0	20.73	20.69	20.63	22	0.3
10	16QAM	25	12	20.61	20.79	20.74		
10	16QAM	25	25	20.63	20.66	20.62		
10	16QAM	50	0	20.68	20.71	20.65		
10	64QAM	1	0	20.52	20.77	20.61	22	0.3
10	64QAM	1	25	20.54	20.70	20.60		
10	64QAM	1	49	20.61	20.63	20.59		
10	64QAM	25	0	19.71	19.80	19.70	21	1.3
10	64QAM	25	12	19.71	19.75	19.75		
10	64QAM	25	25	19.72	19.82	19.76		
10	64QAM	50	0	19.77	19.80	19.68		
10	256QAM	1	0	17.67	17.86	17.76	19	3.3
10	256QAM	1	25	17.63	17.73	17.77		
10	256QAM	1	49	17.79	17.86	17.74		
10	256QAM	25	0	17.66	17.81	17.72	19	3.3
10	256QAM	25	12	17.66	17.79	17.59		
10	256QAM	25	25	17.57	17.70	17.64		
10	256QAM	50	0	17.70	17.67	17.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.04	21.18	21.15	22.3	0
5	QPSK	1	12	21.04	21.10	21.03		
5	QPSK	1	24	21.06	21.07	21.08		
5	QPSK	12	0	21.02	21.11	21.09	22.3	0
5	QPSK	12	7	20.94	21.01	21.11		
5	QPSK	12	13	21.05	21.00	20.96		
5	QPSK	25	0	21.04	21.14	21.05		
5	16QAM	1	0	20.95	21.10	20.94	22.3	0
5	16QAM	1	12	20.83	20.97	20.97		
5	16QAM	1	24	20.99	21.00	20.83		
5	16QAM	12	0	20.65	20.76	20.61	22	0.3
5	16QAM	12	7	20.61	20.77	20.80		
5	16QAM	12	13	20.75	20.75	20.60		
5	16QAM	25	0	20.58	20.79	20.67		
5	64QAM	1	0	20.62	20.83	20.60	22	0.3
5	64QAM	1	12	20.55	20.59	20.60		
5	64QAM	1	24	20.64	20.71	20.59		
5	64QAM	12	0	19.70	19.83	19.76	21	1.3
5	64QAM	12	7	19.74	19.67	19.77		
5	64QAM	12	13	19.77	19.79	19.73		
5	64QAM	25	0	19.68	19.82	19.74		
5	256QAM	1	0	17.68	17.87	17.82	19	3.3
5	256QAM	1	12	17.72	17.81	17.80		
5	256QAM	1	24	17.77	17.78	17.67		
5	256QAM	12	0	17.69	17.85	17.67	19	3.3
5	256QAM	12	7	17.66	17.81	17.70		
5	256QAM	12	13	17.60	17.80	17.68		
5	256QAM	25	0	17.71	17.74	17.62		

Reduced Power Mode for ECI 3

GSM850 Ant 0 ECI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00

GSM1900 Ant 0 ECI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00

Band		WCDMA II Ant 0 ECI3			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI3			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	17.96	18.00	17.98	19.30	20.96	21.16	21.11	22.70	24.18	24.22	24.17	25.00

Band 2 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.45	20.58	20.51	21.9	0

Band 4 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.54	20.60	20.48	22	0

Band 66 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.54	20.63	20.49	22	0

Band 7 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.92	21.03	20.98	22.2	0

Band 38 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.93	21.98	21.95	23.2	0

Band 41 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.88	21.95	22.02	22.01	21.91	23.2	0

Band 41 HPUE Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.40	23.38	23.42	23.31	23.38	24.8	0

Band 5 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.08	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.03	22.90		
10	QPSK	1	49	23.02	23.09	22.87		
10	QPSK	25	0	21.99	22.01	21.95	23	1
10	QPSK	25	12	21.84	21.96	21.93		
10	QPSK	25	25	21.94	21.97	21.95		
10	QPSK	50	0	21.95	21.99	21.92		
10	16QAM	1	0	21.90	21.94	21.91	23	1
10	16QAM	1	25	21.74	21.95	21.79		
10	16QAM	1	49	21.87	21.88	21.79		
10	16QAM	25	0	21.03	21.03	20.94	22	2
10	16QAM	25	12	20.86	20.97	20.85		
10	16QAM	25	25	20.91	21.02	20.84		
10	16QAM	50	0	20.97	21.08	20.98		
10	64QAM	1	0	20.83	21.03	20.79	22	2
10	64QAM	1	25	20.76	20.80	20.67		
10	64QAM	1	49	20.79	20.84	20.77		
10	64QAM	25	0	19.93	19.99	20.00	21	3
10	64QAM	25	12	19.93	19.97	19.94		
10	64QAM	25	25	19.85	19.97	19.89		
10	64QAM	50	0	19.99	20.01	19.95		
10	256QAM	1	0	17.92	18.00	17.98	19	5
10	256QAM	1	25	17.96	17.97	17.91		
10	256QAM	1	49	17.87	18.06	17.90		
10	256QAM	25	0	18.04	17.98	17.92	19	5
10	256QAM	25	12	17.82	17.96	17.90		
10	256QAM	25	25	17.80	17.82	17.82		
10	256QAM	50	0	17.88	17.97	17.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.01	23.05	22.84	24	0
5	QPSK	1	12	22.81	22.95	22.81		
5	QPSK	1	24	22.94	23.06	22.81		
5	QPSK	12	0	21.87	21.95	21.81	23	1
5	QPSK	12	7	21.73	21.82	21.84		
5	QPSK	12	13	21.89	21.92	21.89		
5	QPSK	25	0	21.82	21.96	21.86		
5	16QAM	1	0	21.79	21.87	21.87	23	1
5	16QAM	1	12	21.60	21.82	21.68		
5	16QAM	1	24	21.80	21.86	21.76		
5	16QAM	12	0	21.01	21.00	20.86	22	2
5	16QAM	12	7	20.76	20.94	20.75		
5	16QAM	12	13	20.85	20.96	20.75		
5	16QAM	25	0	20.84	20.97	20.90		
5	64QAM	1	0	20.79	20.96	20.67	22	2
5	64QAM	1	12	20.62	20.76	20.61		
5	64QAM	1	24	20.69	20.73	20.71		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.85	19.88	19.91		
5	64QAM	12	13	19.79	19.88	19.77		
5	64QAM	25	0	19.90	19.91	19.85		
5	256QAM	1	0	17.90	17.92	17.94	19	5
5	256QAM	1	12	17.90	17.93	17.89		
5	256QAM	1	24	17.75	18.00	17.83		
5	256QAM	12	0	17.97	17.95	17.82	19	5
5	256QAM	12	7	17.76	17.89	17.83		
5	256QAM	12	13	17.76	17.70	17.71		
5	256QAM	25	0	17.86	17.90	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	22.98	22.87	24	0
3	QPSK	1	8	22.88	22.93	22.81		
3	QPSK	1	14	22.97	23.01	22.79		
3	QPSK	8	0	21.94	21.95	21.91	23	1
3	QPSK	8	4	21.81	21.86	21.90		
3	QPSK	8	7	21.91	21.87	21.86		
3	QPSK	15	0	21.87	21.91	21.78		
3	16QAM	1	0	21.82	21.90	21.82	23	1
3	16QAM	1	8	21.65	21.88	21.67		
3	16QAM	1	14	21.78	21.77	21.69		
3	16QAM	8	0	20.95	20.97	20.86	22	2
3	16QAM	8	4	20.74	20.86	20.76		
3	16QAM	8	7	20.83	20.94	20.78		
3	16QAM	15	0	20.85	20.95	20.95		
3	64QAM	1	0	20.69	20.94	20.70	22	2
3	64QAM	1	8	20.72	20.75	20.55		
3	64QAM	1	14	20.69	20.75	20.64		
3	64QAM	8	0	19.89	19.95	19.94	21	3
3	64QAM	8	4	19.89	19.84	19.92		
3	64QAM	8	7	19.81	19.91	19.80		
3	64QAM	15	0	19.88	19.90	19.93		
3	256QAM	1	0	17.85	17.98	17.94	19	5
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.84	17.97	17.80		
3	256QAM	8	0	17.99	17.89	17.87	19	5
3	256QAM	8	4	17.70	17.89	17.87		
3	256QAM	8	7	17.69	17.77	17.73		
3	256QAM	15	0	17.81	17.86	17.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.04	22.95	22.91	24	0
1.4	QPSK	1	3	22.82	22.99	22.95		
1.4	QPSK	1	5	22.89	23.03	22.87		
1.4	QPSK	3	0	22.97	22.90	22.77		
1.4	QPSK	3	1	22.67	22.99	22.81		
1.4	QPSK	3	3	22.80	22.89	22.82		
1.4	QPSK	6	0	21.85	21.93	21.88	23	1
1.4	16QAM	1	0	21.85	21.93	21.82	23	1
1.4	16QAM	1	3	21.66	21.80	21.79		
1.4	16QAM	1	5	21.78	21.78	21.68		
1.4	16QAM	3	0	21.64	21.83	21.79		
1.4	16QAM	3	1	21.73	21.80	21.79		
1.4	16QAM	3	3	21.55	21.81	21.67		
1.4	16QAM	6	0	20.85	21.03	20.96	22	2
1.4	64QAM	1	0	20.73	20.85	20.82	22	2
1.4	64QAM	1	3	20.69	20.79	20.53		
1.4	64QAM	1	5	20.60	20.82	20.78		
1.4	64QAM	3	0	20.67	20.95	20.79		
1.4	64QAM	3	1	20.68	20.87	20.65		
1.4	64QAM	3	3	20.68	20.62	20.49		
1.4	64QAM	6	0	19.83	19.89	19.87	21	3
1.4	256QAM	1	0	17.95	17.82	17.87	19	5
1.4	256QAM	1	3	17.79	17.79	17.78		
1.4	256QAM	1	5	17.90	17.96	17.69		
1.4	256QAM	3	0	17.91	17.88	17.94		
1.4	256QAM	3	1	17.90	17.83	17.89		
1.4	256QAM	3	3	17.65	17.78	17.72		
1.4	256QAM	6	0	17.72	17.90	17.61	19	5

Band 12 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.10	23.14	23.08	24	0
10	QPSK	1	25	22.88	23.01	22.98		
10	QPSK	1	49	23.02	23.00	23.03		
10	QPSK	25	0	21.92	21.96	21.95	23	1
10	QPSK	25	12	21.86	21.85	21.82		
10	QPSK	25	25	21.88	21.94	21.90		
10	QPSK	50	0	21.87	21.91	21.87		
10	16QAM	1	0	21.83	21.86	21.82	23	1
10	16QAM	1	25	21.84	21.82	21.73		
10	16QAM	1	49	21.77	21.88	21.81		
10	16QAM	25	0	20.93	20.94	21.00	22	2
10	16QAM	25	12	20.90	20.80	20.86		
10	16QAM	25	25	20.92	20.94	20.87		
10	16QAM	50	0	20.88	20.95	20.85		
10	64QAM	1	0	20.88	20.89	20.83	22	2
10	64QAM	1	25	20.85	20.79	20.70		
10	64QAM	1	49	20.78	20.86	20.87		
10	64QAM	25	0	19.87	19.97	19.98	21	3
10	64QAM	25	12	19.89	19.83	19.79		
10	64QAM	25	25	19.94	19.89	19.88		
10	64QAM	50	0	19.84	19.88	19.92		
10	256QAM	1	0	17.97	17.94	17.91	19	5
10	256QAM	1	25	17.83	17.89	17.81		
10	256QAM	1	49	17.84	17.90	17.91		
10	256QAM	25	0	17.82	17.88	17.87	19	5
10	256QAM	25	12	17.86	17.87	17.85		
10	256QAM	25	25	17.85	17.83	17.74		
10	256QAM	50	0	17.76	17.89	17.85		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	23.07	23.03	24	0
5	QPSK	1	12	22.95	22.95	22.94		
5	QPSK	1	24	22.92	22.94	22.92		
5	QPSK	12	0	21.80	21.94	21.91	23	1
5	QPSK	12	7	21.80	21.75	21.70		
5	QPSK	12	13	21.74	21.90	21.85		
5	QPSK	25	0	21.76	21.85	21.74		
5	16QAM	1	0	21.76	21.82	21.77	23	1
5	16QAM	1	12	21.80	21.75	21.61		
5	16QAM	1	24	21.64	21.81	21.75		
5	16QAM	12	0	20.85	20.86	20.97	22	2
5	16QAM	12	7	20.77	20.77	20.83		
5	16QAM	12	13	20.90	20.87	20.83		
5	16QAM	25	0	20.82	20.87	20.71		
5	64QAM	1	0	20.75	20.80	20.76	22	2
5	64QAM	1	12	20.79	20.67	20.56		
5	64QAM	1	24	20.69	20.76	20.80		
5	64QAM	12	0	19.82	19.88	19.94	21	3
5	64QAM	12	7	19.87	19.76	19.65		
5	64QAM	12	13	19.83	19.84	19.81		
5	64QAM	25	0	19.73	19.77	19.80		
5	256QAM	1	0	17.87	17.84	17.80	19	5
5	256QAM	1	12	17.75	17.82	17.69		
5	256QAM	1	24	17.77	17.77	17.86		
5	256QAM	12	0	17.77	17.85	17.81	19	5
5	256QAM	12	7	17.77	17.81	17.71		
5	256QAM	12	13	17.80	17.75	17.60		
5	256QAM	25	0	17.63	17.85	17.80		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.02	23.03	24	0
3	QPSK	1	8	22.85	22.95	22.96		
3	QPSK	1	14	22.99	22.97	22.93		
3	QPSK	8	0	21.88	21.87	21.84	23	1
3	QPSK	8	4	21.81	21.80	21.75		
3	QPSK	8	7	21.81	21.84	21.86		
3	QPSK	15	0	21.77	21.79	21.75		
3	16QAM	1	0	21.72	21.72	21.79	23	1
3	16QAM	1	8	21.77	21.68	21.68		
3	16QAM	1	14	21.67	21.79	21.67		
3	16QAM	8	0	20.87	20.89	20.89	22	2
3	16QAM	8	4	20.86	20.73	20.78		
3	16QAM	8	7	20.82	20.80	20.80		
3	16QAM	15	0	20.79	20.85	20.78		
3	64QAM	1	0	20.83	20.86	20.77	22	2
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.71	20.76	20.82		
3	64QAM	8	0	19.80	19.83	19.85	21	3
3	64QAM	8	4	19.81	19.75	19.76		
3	64QAM	8	7	19.88	19.80	19.81		
3	64QAM	15	0	19.76	19.81	19.79		
3	256QAM	1	0	17.92	17.85	17.79	19	5
3	256QAM	1	8	17.71	17.85	17.72		
3	256QAM	1	14	17.76	17.80	17.85		
3	256QAM	8	0	17.79	17.82	17.80	19	5
3	256QAM	8	4	17.83	17.77	17.75		
3	256QAM	8	7	17.77	17.72	17.70		
3	256QAM	15	0	17.72	17.80	17.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.99	23.10	23.03	24	0
1.4	QPSK	1	3	22.86	22.98	22.91		
1.4	QPSK	1	5	22.94	22.94	22.93		
1.4	QPSK	3	0	22.86	23.06	23.00		
1.4	QPSK	3	1	22.80	22.94	22.84		
1.4	QPSK	3	3	22.87	22.83	22.86		
1.4	QPSK	6	0	21.80	21.83	21.77	23	1
1.4	16QAM	1	0	21.76	21.77	21.72	23	1
1.4	16QAM	1	3	21.75	21.79	21.68		
1.4	16QAM	1	5	21.74	21.81	21.74		
1.4	16QAM	3	0	21.70	21.80	21.68		
1.4	16QAM	3	1	21.67	21.72	21.63		
1.4	16QAM	3	3	21.70	21.75	21.58		
1.4	16QAM	6	0	20.86	20.87	20.79	22	2
1.4	64QAM	1	0	20.84	20.81	20.77	22	2
1.4	64QAM	1	3	20.72	20.69	20.67		
1.4	64QAM	1	5	20.72	20.79	20.73		
1.4	64QAM	3	0	20.75	20.81	20.67		
1.4	64QAM	3	1	20.73	20.69	20.75		
1.4	64QAM	3	3	20.64	20.56	20.61		
1.4	64QAM	6	0	19.81	19.76	19.90	21	3
1.4	256QAM	1	0	17.91	17.85	17.80	19	5
1.4	256QAM	1	3	17.73	17.87	17.74		
1.4	256QAM	1	5	17.71	17.88	17.85		
1.4	256QAM	3	0	17.72	17.84	17.81		
1.4	256QAM	3	1	17.75	17.77	17.80		
1.4	256QAM	3	3	17.82	17.73	17.62		
1.4	256QAM	6	0	17.68	17.76	17.72	19	5

Band 17 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.05	23.10	23.06	24	0
10	QPSK	1	25	22.89	22.96	22.98		
10	QPSK	1	49	22.95	22.92	23.01		
10	QPSK	25	0	21.81	21.87	21.86	23	1
10	QPSK	25	12	21.80	21.79	21.79		
10	QPSK	25	25	21.83	21.84	21.79		
10	QPSK	50	0	21.84	21.85	21.84		
10	16QAM	1	0	21.75	21.80	21.72	23	1
10	16QAM	1	25	21.82	21.76	21.61		
10	16QAM	1	49	21.75	21.84	21.78		
10	16QAM	25	0	20.91	20.92	20.98	22	2
10	16QAM	25	12	20.89	20.73	20.81		
10	16QAM	25	25	20.85	20.88	20.83		
10	16QAM	50	0	20.82	20.83	20.82		
10	64QAM	1	0	20.76	20.85	20.80	22	2
10	64QAM	1	25	20.79	20.78	20.60		
10	64QAM	1	49	20.68	20.82	20.77		
10	64QAM	25	0	19.86	19.92	19.97	21	3
10	64QAM	25	12	19.82	19.78	19.78		
10	64QAM	25	25	19.85	19.85	19.85		
10	64QAM	50	0	19.74	19.82	19.88		
10	256QAM	1	0	17.85	17.87	17.81	19	5
10	256QAM	1	25	17.71	17.88	17.73		
10	256QAM	1	49	17.77	17.84	17.87		
10	256QAM	25	0	17.71	17.86	17.75	19	5
10	256QAM	25	12	17.82	17.86	17.74		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.72	17.84	17.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.93	23.01	23.03	24	0
5	QPSK	1	12	22.79	22.90	22.90		
5	QPSK	1	24	22.85	22.86	22.90		
5	QPSK	12	0	21.75	21.75	21.79	23	1
5	QPSK	12	7	21.69	21.67	21.75		
5	QPSK	12	13	21.72	21.84	21.69		
5	QPSK	25	0	21.80	21.85	21.76		
5	16QAM	1	0	21.74	21.77	21.63	23	1
5	16QAM	1	12	21.76	21.65	21.52		
5	16QAM	1	24	21.68	21.83	21.76		
5	16QAM	12	0	20.84	20.84	20.97	22	2
5	16QAM	12	7	20.83	20.71	20.80		
5	16QAM	12	13	20.78	20.85	20.78		
5	16QAM	25	0	20.74	20.75	20.80		
5	64QAM	1	0	20.67	20.79	20.72	22	2
5	64QAM	1	12	20.77	20.71	20.49		
5	64QAM	1	24	20.56	20.73	20.76		
5	64QAM	12	0	19.75	19.89	19.87	21	3
5	64QAM	12	7	19.74	19.69	19.72		
5	64QAM	12	13	19.81	19.73	19.80		
5	64QAM	25	0	19.73	19.75	19.87		
5	256QAM	1	0	17.76	17.76	17.69	19	5
5	256QAM	1	12	17.66	17.83	17.71		
5	256QAM	1	24	17.73	17.79	17.84		
5	256QAM	12	0	17.69	17.75	17.68	19	5
5	256QAM	12	7	17.80	17.80	17.68		
5	256QAM	12	13	17.69	17.72	17.67		
5	256QAM	25	0	17.69	17.75	17.74		

Band 26 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.15	23.08	24	0
15	QPSK	1	37	22.99	23.09	23.04		
15	QPSK	1	74	23.08	23.12	22.95		
15	QPSK	36	0	22.06	22.10	22.08	23	1
15	QPSK	36	20	21.96	22.02	21.97		
15	QPSK	36	39	21.99	22.03	21.98		
15	QPSK	75	0	22.02	22.06	22.03		
15	16QAM	1	0	21.98	22.03	21.98	23	1
15	16QAM	1	37	21.87	21.98	21.85		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	21.11	21.07	21.04	22	2
15	16QAM	36	20	20.91	21.00	20.95		
15	16QAM	36	39	20.95	21.09	20.96		
15	16QAM	75	0	21.01	21.12	21.06		
15	64QAM	1	0	20.93	21.08	20.93	22	2
15	64QAM	1	37	20.88	20.92	20.80		
15	64QAM	1	74	20.87	20.97	20.88		
15	64QAM	36	0	20.04	20.07	20.03	21	3
15	64QAM	36	20	20.01	20.07	20.03		
15	64QAM	36	39	19.98	20.08	19.97		
15	64QAM	75	0	20.01	20.04	20.05		
15	256QAM	1	0	18.05	18.04	18.06	19	5
15	256QAM	1	37	18.02	18.01	17.99		
15	256QAM	1	74	18.01	18.09	17.92		
15	256QAM	36	0	18.07	18.02	18.04	19	5
15	256QAM	36	20	17.95	18.04	18.03		
15	256QAM	36	39	17.85	17.95	17.91		
15	256QAM	75	0	17.91	18.01	17.81		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.99	23.05	23.03	24	0
10	QPSK	1	25	22.90	23.05	22.99		
10	QPSK	1	49	23.01	23.05	22.83		
10	QPSK	25	0	21.99	22.02	21.97	23	1
10	QPSK	25	12	21.85	21.88	21.89		
10	QPSK	25	25	21.89	21.95	21.90		
10	QPSK	50	0	21.97	21.95	21.95		
10	16QAM	1	0	21.92	21.98	21.93	23	1
10	16QAM	1	25	21.84	21.86	21.74		
10	16QAM	1	49	21.85	21.89	21.78		
10	16QAM	25	0	21.03	21.04	20.96	22	2
10	16QAM	25	12	20.77	20.88	20.83		
10	16QAM	25	25	20.87	20.96	20.94		
10	16QAM	50	0	20.97	21.05	21.03		
10	64QAM	1	0	20.87	21.00	20.85	22	2
10	64QAM	1	25	20.76	20.89	20.74		
10	64QAM	1	49	20.84	20.85	20.74		
10	64QAM	25	0	19.95	19.95	19.95	21	3
10	64QAM	25	12	19.89	20.01	19.91		
10	64QAM	25	25	19.85	19.97	19.92		
10	64QAM	50	0	19.99	19.95	20.03		
10	256QAM	1	0	17.93	17.91	17.93	19	5
10	256QAM	1	25	17.91	17.90	17.85		
10	256QAM	1	49	17.97	18.00	17.79		
10	256QAM	25	0	17.98	17.94	17.94	19	5
10	256QAM	25	12	17.81	18.02	17.90		
10	256QAM	25	25	17.83	17.91	17.78		
10	256QAM	50	0	17.80	17.93	17.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.00	23.09	23.04	24	0
5	QPSK	1	12	22.96	23.03	22.96		
5	QPSK	1	24	22.96	22.99	22.84		
5	QPSK	12	0	22.03	22.02	21.99	23	1
5	QPSK	12	7	21.86	21.93	21.92		
5	QPSK	12	13	21.96	21.93	21.88		
5	QPSK	25	0	21.88	21.96	21.91		
5	16QAM	1	0	21.86	21.93	21.88	23	1
5	16QAM	1	12	21.75	21.92	21.74		
5	16QAM	1	24	21.83	21.85	21.83		
5	16QAM	12	0	21.06	20.97	20.95	22	2
5	16QAM	12	7	20.89	20.87	20.87		
5	16QAM	12	13	20.89	20.98	20.87		
5	16QAM	25	0	20.95	21.01	20.96		
5	64QAM	1	0	20.90	21.03	20.89	22	2
5	64QAM	1	12	20.83	20.83	20.68		
5	64QAM	1	24	20.75	20.92	20.83		
5	64QAM	12	0	19.99	19.95	20.01	21	3
5	64QAM	12	7	19.89	20.05	20.00		
5	64QAM	12	13	19.91	19.96	19.86		
5	64QAM	25	0	19.93	19.94	19.92		
5	256QAM	1	0	17.92	18.01	17.99	19	5
5	256QAM	1	12	17.95	17.92	17.96		
5	256QAM	1	24	17.94	18.04	17.89		
5	256QAM	12	0	17.94	17.97	17.95	19	5
5	256QAM	12	7	17.85	17.98	18.00		
5	256QAM	12	13	17.72	17.85	17.84		
5	256QAM	25	0	17.84	17.95	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.03	23.08	22.99	24	0
3	QPSK	1	8	22.93	23.03	22.91		
3	QPSK	1	14	23.06	23.09	22.90		
3	QPSK	8	0	22.02	22.01	21.97	23	1
3	QPSK	8	4	21.82	21.95	21.92		
3	QPSK	8	7	21.85	22.01	21.87		
3	QPSK	15	0	21.95	21.95	22.00		
3	16QAM	1	0	21.87	21.90	21.91	23	1
3	16QAM	1	8	21.85	21.88	21.77		
3	16QAM	1	14	21.77	21.90	21.76		
3	16QAM	8	0	21.01	20.93	20.94	22	2
3	16QAM	8	4	20.88	20.89	20.87		
3	16QAM	8	7	20.91	21.06	20.83		
3	16QAM	15	0	20.94	21.07	20.93		
3	64QAM	1	0	20.80	21.04	20.81	22	2
3	64QAM	1	8	20.76	20.81	20.75		
3	64QAM	1	14	20.82	20.86	20.74		
3	64QAM	8	0	19.96	20.02	19.98	21	3
3	64QAM	8	4	19.89	19.95	19.97		
3	64QAM	8	7	19.91	19.98	19.94		
3	64QAM	15	0	19.87	19.95	19.92		
3	256QAM	1	0	17.97	17.91	18.02	19	5
3	256QAM	1	8	18.00	17.96	17.95		
3	256QAM	1	14	17.90	18.01	17.84		
3	256QAM	8	0	18.00	17.90	17.94	19	5
3	256QAM	8	4	17.87	18.01	17.95		
3	256QAM	8	7	17.76	17.92	17.89		
3	256QAM	15	0	17.80	17.88	17.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.03	22.98	24	0
1.4	QPSK	1	3	22.87	23.07	23.01		
1.4	QPSK	1	5	23.01	23.07	22.91		
1.4	QPSK	3	0	23.03	23.01	22.90		
1.4	QPSK	3	1	22.81	23.05	22.92		
1.4	QPSK	3	3	22.91	22.99	22.86		
1.4	QPSK	6	0	21.89	22.00	22.00	23	1
1.4	16QAM	1	0	21.94	22.00	21.90	23	1
1.4	16QAM	1	3	21.75	21.91	21.83		
1.4	16QAM	1	5	21.87	21.87	21.75		
1.4	16QAM	3	0	21.77	21.90	21.87		
1.4	16QAM	3	1	21.85	21.89	21.84		
1.4	16QAM	3	3	21.65	21.83	21.71		
1.4	16QAM	6	0	20.88	21.07	21.01	22	2
1.4	64QAM	1	0	20.82	20.97	20.88	22	2
1.4	64QAM	1	3	20.82	20.86	20.67		
1.4	64QAM	1	5	20.74	20.94	20.83		
1.4	64QAM	3	0	20.77	20.99	20.89		
1.4	64QAM	3	1	20.74	20.95	20.78		
1.4	64QAM	3	3	20.79	20.73	20.59		
1.4	64QAM	6	0	19.87	19.97	19.99	21	3
1.4	256QAM	1	0	18.03	17.91	17.94	19	5
1.4	256QAM	1	3	17.92	17.89	17.87		
1.4	256QAM	1	5	17.95	18.01	17.82		
1.4	256QAM	3	0	18.02	17.93	18.02		
1.4	256QAM	3	1	17.92	17.93	17.95		
1.4	256QAM	3	3	17.72	17.84	17.77		
1.4	256QAM	6	0	17.81	17.94	17.69	19	5

GSM850 Ant 1 ECI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 TX slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1 ECI3			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI3			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	17.03	17.05	17.00	18.30	17.92	17.96	17.95	19.10	24.19	24.25	24.13	25.00

Band 2 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.35	19.40	19.36	20.7	0

Band 4 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.76	19.82	19.78	21.1	0

Band 66 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.80	19.85	19.82	21.1	0

Band 7 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.65	20.70	20.68	22	0

Band 38 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.20	21.25	21.22	22.1	0

Band 41 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.22	21.24	21.30	21.25	21.28	22.1	0

Band 41 HPUE Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.52	22.54	22.60	22.58	22.56	23.7	0

Band 5 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.56	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM 1900 Ant 2 ECI3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	22.68	22.73	22.70	23.90	19.68	19.73	19.70	20.90

Band		WCDMA II Ant 2 ECI3			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	17.19	17.25	17.21	18.50	15.62	15.66	15.63	17.00

Band 2 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.21	15.25	15.23	16.4	0

Band 4 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.96	14.98	14.95	16.2	0

Band 66 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.00	15.05	15.03	16.2	0

Band 7 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.63	16.66	16.64	18	0

Band 38 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.91	17.95	17.92	18.9	0

Band 41 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.92	17.94	18.00	17.95	17.96	18.9	0

Band 41 HPUE Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.19	19.23	19.25	19.21	19.22	20.5	0

Band		WCDMA II Ant 3 ECI3			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI3			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	16.52	16.54	16.50	17.90	18.70	18.72	18.68	19.90

Band 2 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.62	18.65	18.61	20.2	0

Band 4 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.96	18.99	18.95	20.3	0

Band 66 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.00	19.05	19.02	20.3	0

Band 7 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.23	18.28	18.25	19.6	0

Band 38 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.54	20.58	20.55	21.4	0

Band 41 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.55	20.52	20.62	20.59	20.58	21.4	0

Band 41 HPUE Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.80	21.78	21.85	21.82	21.84	23	0

Band 42 Part 27Q Ant 4 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.35	16.42	16.39	17.4	0
20	QPSK	1	49	16.23	16.33	16.27		
20	QPSK	1	99	16.26	16.31	16.31		
20	QPSK	50	0	16.27	16.37	16.26	17.4	0
20	QPSK	50	24	16.33	16.32	16.27		
20	QPSK	50	50	16.29	16.32	16.27		
20	QPSK	100	0	16.33	16.36	16.33		
20	16QAM	1	0	16.23	16.35	16.28	17.4	0
20	16QAM	1	49	16.20	16.24	16.22		
20	16QAM	1	99	16.24	16.24	16.20		
20	16QAM	50	0	16.24	16.28	16.16	17.4	0
20	16QAM	50	24	16.28	16.27	16.18		
20	16QAM	50	50	16.18	16.30	16.25		
20	16QAM	100	0	16.26	16.33	16.29		
20	64QAM	1	0	16.29	16.29	16.33	17.4	0
20	64QAM	1	49	16.12	16.31	16.18		
20	64QAM	1	99	16.22	16.21	16.22		
20	64QAM	50	0	16.21	16.34	16.20	17.4	0
20	64QAM	50	24	16.23	16.25	16.22		
20	64QAM	50	50	16.23	16.21	16.18		
20	64QAM	100	0	16.24	16.28	16.31		
20	256QAM	1	0	16.23	16.32	16.25	17.4	0
20	256QAM	1	49	16.11	16.20	16.24		
20	256QAM	1	99	16.17	16.20	16.29		
20	256QAM	50	0	16.19	16.34	16.15	17.4	0
20	256QAM	50	24	16.25	16.21	16.22		
20	256QAM	50	50	16.24	16.30	16.24		
20	256QAM	100	0	16.22	16.28	16.29		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.30	16.32	16.26	17.4	0
15	QPSK	1	37	16.11	16.25	16.22		
15	QPSK	1	74	16.18	16.29	16.23		
15	QPSK	36	0	16.23	16.25	16.20	17.4	0
15	QPSK	36	20	16.30	16.28	16.18		
15	QPSK	36	39	16.16	16.29	16.21		
15	QPSK	75	0	16.29	16.30	16.21		
15	16QAM	1	0	16.20	16.23	16.23	17.4	0
15	16QAM	1	37	16.10	16.18	16.15		
15	16QAM	1	74	16.12	16.16	16.10		
15	16QAM	36	0	16.11	16.15	16.09	17.4	0
15	16QAM	36	20	16.24	16.22	16.06		
15	16QAM	36	39	16.13	16.17	16.11		
15	16QAM	75	0	16.21	16.26	16.16		
15	64QAM	1	0	16.25	16.21	16.31	17.4	0
15	64QAM	1	37	16.01	16.18	16.15		
15	64QAM	1	74	16.08	16.18	16.11		
15	64QAM	36	0	16.14	16.25	16.14	17.4	0
15	64QAM	36	20	16.13	16.13	16.11		
15	64QAM	36	39	16.13	16.14	16.07		
15	64QAM	75	0	16.21	16.24	16.29		
15	256QAM	1	0	16.12	16.24	16.22	17.4	0
15	256QAM	1	37	16.06	16.17	16.17		
15	256QAM	1	74	16.10	16.14	16.16		
15	256QAM	36	0	16.14	16.27	16.10	17.4	0
15	256QAM	36	20	16.15	16.10	16.14		
15	256QAM	36	39	16.21	16.22	16.12		
15	256QAM	75	0	16.17	16.14	16.26		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.28	16.29	16.33	17.4	0
10	QPSK	1	25	16.19	16.24	16.24		
10	QPSK	1	49	16.18	16.24	16.26		
10	QPSK	25	0	16.23	16.27	16.19	17.4	0
10	QPSK	25	12	16.24	16.27	16.20		
10	QPSK	25	25	16.19	16.18	16.25		
10	QPSK	50	0	16.22	16.30	16.19	17.4	0
10	16QAM	1	0	16.19	16.30	16.14		
10	16QAM	1	25	16.14	16.19	16.16		
10	16QAM	1	49	16.19	16.15	16.08		
10	16QAM	25	0	16.13	16.15	16.09	17.4	0
10	16QAM	25	12	16.25	16.19	16.14		
10	16QAM	25	25	16.12	16.27	16.21		
10	16QAM	50	0	16.18	16.25	16.16		
10	64QAM	1	0	16.18	16.26	16.25	17.4	0
10	64QAM	1	25	16.01	16.23	16.08		
10	64QAM	1	49	16.15	16.12	16.09		
10	64QAM	25	0	16.16	16.27	16.06	17.4	0
10	64QAM	25	12	16.19	16.13	16.19		
10	64QAM	25	25	16.20	16.16	16.15		
10	64QAM	50	0	16.18	16.25	16.22		
10	256QAM	1	0	16.12	16.22	16.18	17.4	0
10	256QAM	1	25	16.03	16.13	16.14		
10	256QAM	1	49	16.13	16.08	16.26		
10	256QAM	25	0	16.15	16.21	16.02	17.4	0
10	256QAM	25	12	16.18	16.11	16.16		
10	256QAM	25	25	16.22	16.27	16.11		
10	256QAM	50	0	16.14	16.20	16.21		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.23	16.32	16.25	17.4	0
5	QPSK	1	12	16.19	16.28	16.17		
5	QPSK	1	24	16.24	16.22	16.24		
5	QPSK	12	0	16.25	16.24	16.19	17.4	0
5	QPSK	12	7	16.26	16.22	16.24		
5	QPSK	12	13	16.23	16.26	16.19		
5	QPSK	25	0	16.21	16.32	16.23		
5	16QAM	1	0	16.17	16.25	16.19	17.4	0
5	16QAM	1	12	16.14	16.14	16.10		
5	16QAM	1	24	16.21	16.11	16.11		
5	16QAM	12	0	16.11	16.15	16.10	17.4	0
5	16QAM	12	7	16.25	16.19	16.09		
5	16QAM	12	13	16.04	16.21	16.17		
5	16QAM	25	0	16.17	16.22	16.26		
5	64QAM	1	0	16.24	16.18	16.26	17.4	0
5	64QAM	1	12	15.99	16.17	16.05		
5	64QAM	1	24	16.10	16.14	16.18		
5	64QAM	12	0	16.17	16.30	16.16	17.4	0
5	64QAM	12	7	16.13	16.17	16.19		
5	64QAM	12	13	16.11	16.08	16.06		
5	64QAM	25	0	16.17	16.25	16.18		
5	256QAM	1	0	16.13	16.18	16.19	17.4	0
5	256QAM	1	12	16.00	16.09	16.15		
5	256QAM	1	24	16.06	16.08	16.25		
5	256QAM	12	0	16.15	16.30	16.04	17.4	0
5	256QAM	12	7	16.17	16.10	16.15		
5	256QAM	12	13	16.13	16.26	16.18		
5	256QAM	25	0	16.19	16.22	16.21		

Band 42 Part 27Q Ant 6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.13	22.20	22.16	23.4	0
20	QPSK	1	49	22.04	22.17	22.05		
20	QPSK	1	99	22.00	22.09	22.05		
20	QPSK	50	0	21.70	21.77	21.75	23	0.4
20	QPSK	50	24	21.60	21.73	21.70		
20	QPSK	50	50	21.58	21.64	21.66		
20	QPSK	100	0	21.71	21.76	21.73		
20	16QAM	1	0	21.71	21.73	21.74	23	0.4
20	16QAM	1	49	21.53	21.72	21.70		
20	16QAM	1	99	21.51	21.58	21.59		
20	16QAM	50	0	20.75	20.77	20.70	22	1.4
20	16QAM	50	24	20.57	20.70	20.74		
20	16QAM	50	50	20.62	20.61	20.66		
20	16QAM	100	0	20.70	20.78	20.75		
20	64QAM	1	0	20.66	20.77	20.76	22	1.4
20	64QAM	1	49	20.52	20.73	20.66		
20	64QAM	1	99	20.45	20.59	20.56		
20	64QAM	50	0	19.73	19.71	19.72	21	2.4
20	64QAM	50	24	19.55	19.78	19.67		
20	64QAM	50	50	19.59	19.69	19.66		
20	64QAM	100	0	19.74	19.73	19.71		
20	256QAM	1	0	17.69	17.83	17.72	19	4.4
20	256QAM	1	49	17.63	17.79	17.64		
20	256QAM	1	99	17.60	17.60	17.64		
20	256QAM	50	0	17.69	17.73	17.78	19	4.4
20	256QAM	50	24	17.67	17.77	17.71		
20	256QAM	50	50	17.51	17.68	17.73		
20	256QAM	100	0	17.55	17.54	17.57		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.00	22.15	22.09	23.4	0
15	QPSK	1	37	21.95	22.14	22.00		
15	QPSK	1	74	21.94	22.02	21.98		
15	QPSK	36	0	21.58	21.66	21.61	23	0.4
15	QPSK	36	20	21.56	21.64	21.60		
15	QPSK	36	39	21.52	21.54	21.57		
15	QPSK	75	0	21.67	21.70	21.61		
15	16QAM	1	0	21.65	21.70	21.61	23	0.4
15	16QAM	1	37	21.49	21.60	21.65		
15	16QAM	1	74	21.47	21.48	21.51		
15	16QAM	36	0	20.62	20.64	20.64	22	1.4
15	16QAM	36	20	20.52	20.63	20.61		
15	16QAM	36	39	20.59	20.59	20.55		
15	16QAM	75	0	20.58	20.66	20.71		
15	64QAM	1	0	20.63	20.73	20.72	22	1.4
15	64QAM	1	37	20.48	20.71	20.62		
15	64QAM	1	74	20.42	20.54	20.53		
15	64QAM	36	0	19.70	19.64	19.65	21	2.4
15	64QAM	36	20	19.44	19.68	19.53		
15	64QAM	36	39	19.57	19.57	19.56		
15	64QAM	75	0	19.65	19.65	19.67		
15	256QAM	1	0	17.64	17.80	17.68	19	4.4
15	256QAM	1	37	17.55	17.70	17.58		
15	256QAM	1	74	17.48	17.51	17.51		
15	256QAM	36	0	17.57	17.70	17.64	19	4.4
15	256QAM	36	20	17.61	17.74	17.58		
15	256QAM	36	39	17.48	17.63	17.62		
15	256QAM	75	0	17.52	17.44	17.48		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.99	22.15	22.07	23.4	0
10	QPSK	1	25	21.90	22.05	22.01		
10	QPSK	1	49	21.87	22.02	21.96		
10	QPSK	25	0	21.63	21.70	21.72	23	0.4
10	QPSK	25	12	21.51	21.60	21.61		
10	QPSK	25	25	21.55	21.53	21.56		
10	QPSK	50	0	21.69	21.62	21.62		
10	16QAM	1	0	21.58	21.62	21.63	23	0.4
10	16QAM	1	25	21.47	21.61	21.56		
10	16QAM	1	49	21.41	21.47	21.50		
10	16QAM	25	0	20.69	20.72	20.64	22	1.4
10	16QAM	25	12	20.45	20.56	20.65		
10	16QAM	25	25	20.55	20.56	20.59		
10	16QAM	50	0	20.60	20.75	20.61		
10	64QAM	1	0	20.56	20.73	20.67	22	1.4
10	64QAM	1	25	20.42	20.64	20.56		
10	64QAM	1	49	20.34	20.47	20.48		
10	64QAM	25	0	19.65	19.63	19.67	21	2.4
10	64QAM	25	12	19.41	19.72	19.63		
10	64QAM	25	25	19.48	19.59	19.57		
10	64QAM	50	0	19.61	19.60	19.67		
10	256QAM	1	0	17.57	17.73	17.66	19	4.4
10	256QAM	1	25	17.52	17.66	17.52		
10	256QAM	1	49	17.51	17.47	17.54		
10	256QAM	25	0	17.64	17.66	17.68	19	4.4
10	256QAM	25	12	17.64	17.68	17.68		
10	256QAM	25	25	17.49	17.62	17.66		
10	256QAM	50	0	17.52	17.46	17.46		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.06	22.07	22.03	23.4	0
5	QPSK	1	12	22.00	22.13	21.96		
5	QPSK	1	24	21.90	21.97	21.95		
5	QPSK	12	0	21.65	21.74	21.62	23	0.4
5	QPSK	12	7	21.50	21.70	21.64		
5	QPSK	12	13	21.50	21.58	21.53		
5	QPSK	25	0	21.63	21.72	21.59		
5	16QAM	1	0	21.66	21.62	21.68	23	0.4
5	16QAM	1	12	21.46	21.59	21.68		
5	16QAM	1	24	21.40	21.47	21.57		
5	16QAM	12	0	20.70	20.68	20.57	22	1.4
5	16QAM	12	7	20.46	20.57	20.71		
5	16QAM	12	13	20.53	20.48	20.56		
5	16QAM	25	0	20.62	20.73	20.73		
5	64QAM	1	0	20.55	20.73	20.62	22	1.4
5	64QAM	1	12	20.43	20.70	20.64		
5	64QAM	1	24	20.38	20.52	20.52		
5	64QAM	12	0	19.67	19.57	19.59	21	2.4
5	64QAM	12	7	19.49	19.67	19.60		
5	64QAM	12	13	19.46	19.59	19.56		
5	64QAM	25	0	19.69	19.71	19.60		
5	256QAM	1	0	17.65	17.75	17.68	19	4.4
5	256QAM	1	12	17.55	17.71	17.52		
5	256QAM	1	24	17.49	17.56	17.60		
5	256QAM	12	0	17.60	17.65	17.70	19	4.4
5	256QAM	12	7	17.58	17.70	17.68		
5	256QAM	12	13	17.45	17.55	17.64		
5	256QAM	25	0	17.52	17.40	17.54		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.63	17.66	17.60	19	0
20	QPSK	1	49	17.51	17.52	17.58		
20	QPSK	1	99	17.61	17.62	17.51		
20	QPSK	50	0	17.53	17.63	17.55	19	0
20	QPSK	50	24	17.50	17.53	17.52		
20	QPSK	50	50	17.56	17.62	17.54		
20	QPSK	100	0	17.56	17.59	17.57		
20	16QAM	1	0	17.58	17.52	17.47	19	0
20	16QAM	1	49	17.42	17.47	17.53		
20	16QAM	1	99	17.50	17.57	17.40		
20	16QAM	50	0	17.50	17.59	17.51	19	0
20	16QAM	50	24	17.42	17.44	17.49		
20	16QAM	50	50	17.44	17.59	17.48		
20	16QAM	100	0	17.42	17.53	17.55		
20	64QAM	1	0	17.58	17.53	17.55	19	0
20	64QAM	1	49	17.38	17.43	17.55		
20	64QAM	1	99	17.47	17.57	17.48		
20	64QAM	50	0	17.44	17.51	17.45	19	0
20	64QAM	50	24	17.44	17.41	17.47		
20	64QAM	50	50	17.50	17.54	17.51		
20	64QAM	100	0	17.50	17.45	17.52		
20	256QAM	1	0	17.49	17.55	17.48	19	0
20	256QAM	1	49	17.45	17.41	17.45		
20	256QAM	1	99	17.57	17.50	17.43		
20	256QAM	50	0	17.50	17.58	17.46	19	0
20	256QAM	50	24	17.46	17.49	17.44		
20	256QAM	50	50	17.44	17.57	17.41		
20	256QAM	100	0	17.49	17.56	17.47		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.53	17.63	17.48	19	0
15	QPSK	1	37	17.45	17.41	17.46		
15	QPSK	1	74	17.58	17.56	17.45		
15	QPSK	36	0	17.42	17.49	17.47	19	0
15	QPSK	36	20	17.36	17.46	17.43		
15	QPSK	36	39	17.47	17.53	17.44		
15	QPSK	75	0	17.44	17.52	17.49		
15	16QAM	1	0	17.53	17.42	17.43	19	0
15	16QAM	1	37	17.39	17.34	17.44		
15	16QAM	1	74	17.38	17.50	17.32		
15	16QAM	36	0	17.46	17.51	17.39	19	0
15	16QAM	36	20	17.36	17.41	17.39		
15	16QAM	36	39	17.35	17.52	17.44		
15	16QAM	75	0	17.29	17.50	17.44		
15	64QAM	1	0	17.55	17.46	17.47	19	0
15	64QAM	1	37	17.33	17.34	17.47		
15	64QAM	1	74	17.39	17.51	17.34		
15	64QAM	36	0	17.40	17.49	17.42	19	0
15	64QAM	36	20	17.40	17.36	17.37		
15	64QAM	36	39	17.48	17.41	17.46		
15	64QAM	75	0	17.39	17.41	17.46		
15	256QAM	1	0	17.41	17.49	17.40	19	0
15	256QAM	1	37	17.40	17.39	17.36		
15	256QAM	1	74	17.51	17.40	17.40		
15	256QAM	36	0	17.45	17.45	17.33	19	0
15	256QAM	36	20	17.41	17.39	17.40		
15	256QAM	36	39	17.34	17.45	17.31		
15	256QAM	75	0	17.43	17.44	17.40		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.54	17.58	17.57	19	0
10	QPSK	1	25	17.48	17.46	17.55		
10	QPSK	1	49	17.48	17.58	17.38		
10	QPSK	25	0	17.49	17.56	17.51	19	0
10	QPSK	25	12	17.45	17.49	17.49		
10	QPSK	25	25	17.53	17.56	17.43		
10	QPSK	50	0	17.49	17.48	17.49		
10	16QAM	1	0	17.49	17.44	17.42	19	0
10	16QAM	1	25	17.31	17.34	17.50		
10	16QAM	1	49	17.41	17.44	17.36		
10	16QAM	25	0	17.46	17.47	17.42	19	0
10	16QAM	25	12	17.36	17.35	17.46		
10	16QAM	25	25	17.42	17.53	17.46		
10	16QAM	50	0	17.36	17.45	17.41		
10	64QAM	1	0	17.55	17.43	17.49	19	0
10	64QAM	1	25	17.29	17.31	17.53		
10	64QAM	1	49	17.33	17.54	17.36		
10	64QAM	25	0	17.34	17.43	17.38	19	0
10	64QAM	25	12	17.31	17.37	17.42		
10	64QAM	25	25	17.41	17.50	17.47		
10	64QAM	50	0	17.47	17.32	17.38		
10	256QAM	1	0	17.40	17.49	17.46	19	0
10	256QAM	1	25	17.42	17.30	17.38		
10	256QAM	1	49	17.47	17.46	17.40		
10	256QAM	25	0	17.40	17.52	17.42	19	0
10	256QAM	25	12	17.37	17.38	17.30		
10	256QAM	25	25	17.34	17.49	17.28		
10	256QAM	50	0	17.37	17.44	17.34		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.61	17.54	17.47	19	0
5	QPSK	1	12	17.47	17.43	17.47		
5	QPSK	1	24	17.58	17.58	17.46		
5	QPSK	12	0	17.45	17.58	17.51	19	0
5	QPSK	12	7	17.36	17.48	17.41		
5	QPSK	12	13	17.47	17.49	17.43		
5	QPSK	25	0	17.43	17.53	17.49		
5	16QAM	1	0	17.54	17.50	17.35	19	0
5	16QAM	1	12	17.35	17.35	17.41		
5	16QAM	1	24	17.37	17.48	17.31		
5	16QAM	12	0	17.46	17.51	17.37	19	0
5	16QAM	12	7	17.39	17.36	17.41		
5	16QAM	12	13	17.41	17.50	17.39		
5	16QAM	25	0	17.36	17.45	17.50		
5	64QAM	1	0	17.53	17.45	17.47	19	0
5	64QAM	1	12	17.28	17.33	17.46		
5	64QAM	1	24	17.35	17.46	17.42		
5	64QAM	12	0	17.39	17.46	17.33	19	0
5	64QAM	12	7	17.36	17.39	17.39		
5	64QAM	12	13	17.45	17.46	17.41		
5	64QAM	25	0	17.39	17.33	17.38		
5	256QAM	1	0	17.42	17.48	17.37	19	0
5	256QAM	1	12	17.39	17.27	17.40		
5	256QAM	1	24	17.44	17.36	17.40		
5	256QAM	12	0	17.39	17.50	17.39	19	0
5	256QAM	12	7	17.34	17.42	17.38		
5	256QAM	12	13	17.41	17.50	17.28		
5	256QAM	25	0	17.45	17.43	17.38		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.16	21.22	21.19	22.5	0
20	QPSK	1	49	21.12	21.14	21.16		
20	QPSK	1	99	21.10	21.18	21.15		
20	QPSK	50	0	21.13	21.18	21.10	22.5	0
20	QPSK	50	24	21.04	21.17	21.11		
20	QPSK	50	50	21.06	21.12	21.12		
20	QPSK	100	0	21.05	21.17	21.06		
20	16QAM	1	0	21.05	21.15	21.06	22.5	0
20	16QAM	1	49	21.01	21.08	21.03		
20	16QAM	1	99	20.98	21.06	21.00		
20	16QAM	50	0	20.63	20.72	20.57	22	0.5
20	16QAM	50	24	20.49	20.62	20.57		
20	16QAM	50	50	20.58	20.61	20.64		
20	16QAM	100	0	20.60	20.62	20.58		
20	64QAM	1	0	20.53	20.64	20.53	22	0.5
20	64QAM	1	49	20.53	20.54	20.58		
20	64QAM	1	99	20.49	20.59	20.54		
20	64QAM	50	0	19.68	19.73	19.59	21	1.5
20	64QAM	50	24	19.55	19.65	19.63		
20	64QAM	50	50	19.56	19.59	19.67		
20	64QAM	100	0	19.57	19.70	19.60		
20	256QAM	1	0	17.57	17.67	17.58	19	3.5
20	256QAM	1	49	17.51	17.63	17.57		
20	256QAM	1	99	17.52	17.58	17.67		
20	256QAM	50	0	17.50	17.66	17.54	19	3.5
20	256QAM	50	24	17.57	17.61	17.60		
20	256QAM	50	50	17.53	17.53	17.56		
20	256QAM	100	0	17.43	17.59	17.50		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.13	21.19	21.10	22.5	0
15	QPSK	1	37	21.02	21.04	21.12		
15	QPSK	1	74	21.06	21.06	21.11		
15	QPSK	36	0	21.00	21.10	21.05	22.5	0
15	QPSK	36	20	20.97	21.03	21.02		
15	QPSK	36	39	20.96	21.02	21.04		
15	QPSK	75	0	20.94	21.05	20.96		
15	16QAM	1	0	21.02	21.01	21.02	22.5	0
15	16QAM	1	37	20.98	20.97	20.97		
15	16QAM	1	74	20.87	20.94	20.93		
15	16QAM	36	0	20.55	20.62	20.48	22	0.5
15	16QAM	36	20	20.39	20.52	20.54		
15	16QAM	36	39	20.48	20.58	20.59		
15	16QAM	75	0	20.55	20.54	20.56		
15	64QAM	1	0	20.49	20.52	20.50	22	0.5
15	64QAM	1	37	20.48	20.50	20.45		
15	64QAM	1	74	20.45	20.46	20.41		
15	64QAM	36	0	19.66	19.59	19.55	21	1.5
15	64QAM	36	20	19.50	19.59	19.60		
15	64QAM	36	39	19.49	19.48	19.58		
15	64QAM	75	0	19.43	19.66	19.53		
15	256QAM	1	0	17.54	17.59	17.54	19	3.5
15	256QAM	1	37	17.38	17.51	17.54		
15	256QAM	1	74	17.49	17.50	17.57		
15	256QAM	36	0	17.44	17.62	17.44	19	3.5
15	256QAM	36	20	17.49	17.59	17.54		
15	256QAM	36	39	17.43	17.49	17.47		
15	256QAM	75	0	17.41	17.46	17.40		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.10	21.12	21.15	22.5	0
10	QPSK	1	25	21.07	21.11	21.10		
10	QPSK	1	49	21.00	21.13	21.06		
10	QPSK	25	0	21.05	21.07	21.07	22.5	0
10	QPSK	25	12	20.92	21.13	20.99		
10	QPSK	25	25	20.95	21.04	21.09		
10	QPSK	50	0	21.03	21.04	20.96		
10	16QAM	1	0	20.92	21.01	21.03	22.5	0
10	16QAM	1	25	20.90	20.97	20.98		
10	16QAM	1	49	20.85	20.97	20.92		
10	16QAM	25	0	20.59	20.59	20.48	22	0.5
10	16QAM	25	12	20.38	20.52	20.44		
10	16QAM	25	25	20.53	20.59	20.57		
10	16QAM	50	0	20.52	20.51	20.50		
10	64QAM	1	0	20.44	20.51	20.39	22	0.5
10	64QAM	1	25	20.47	20.40	20.53		
10	64QAM	1	49	20.43	20.48	20.46		
10	64QAM	25	0	19.59	19.64	19.49	21	1.5
10	64QAM	25	12	19.42	19.52	19.52		
10	64QAM	25	25	19.44	19.46	19.63		
10	64QAM	50	0	19.45	19.59	19.47		
10	256QAM	1	0	17.54	17.63	17.47	19	3.5
10	256QAM	1	25	17.37	17.60	17.46		
10	256QAM	1	49	17.50	17.51	17.55		
10	256QAM	25	0	17.41	17.58	17.50	19	3.5
10	256QAM	25	12	17.51	17.59	17.55		
10	256QAM	25	25	17.50	17.49	17.44		
10	256QAM	50	0	17.37	17.50	17.45		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.12	21.13	21.12	22.5	0
5	QPSK	1	12	21.02	21.11	21.03		
5	QPSK	1	24	21.00	21.08	21.11		
5	QPSK	12	0	21.08	21.15	20.99	22.5	0
5	QPSK	12	7	20.91	21.11	21.04		
5	QPSK	12	13	21.01	21.03	21.10		
5	QPSK	25	0	20.96	21.03	20.95		
5	16QAM	1	0	20.92	21.07	21.03	22.5	0
5	16QAM	1	12	20.90	21.02	20.96		
5	16QAM	1	24	20.94	21.00	20.96		
5	16QAM	12	0	20.50	20.66	20.52	22	0.5
5	16QAM	12	7	20.42	20.59	20.54		
5	16QAM	12	13	20.46	20.52	20.61		
5	16QAM	25	0	20.53	20.56	20.50		
5	64QAM	1	0	20.46	20.56	20.39	22	0.5
5	64QAM	1	12	20.51	20.42	20.53		
5	64QAM	1	24	20.38	20.55	20.51		
5	64QAM	12	0	19.64	19.71	19.54	21	1.5
5	64QAM	12	7	19.50	19.62	19.53		
5	64QAM	12	13	19.44	19.51	19.57		
5	64QAM	25	0	19.46	19.63	19.56		
5	256QAM	1	0	17.47	17.64	17.47	19	3.5
5	256QAM	1	12	17.37	17.51	17.43		
5	256QAM	1	24	17.47	17.52	17.60		
5	256QAM	12	0	17.47	17.58	17.41	19	3.5
5	256QAM	12	7	17.44	17.58	17.54		
5	256QAM	12	13	17.42	17.44	17.43		
5	256QAM	25	0	17.32	17.45	17.37		

Reduced Power Mode for ECI 5

GSM850 Ant 0 ECI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00

GSM1900 Ant 0 ECI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00

Band		WCDMA II Ant 0 ECI5			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI5			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	19.12	19.15	19.10	20.50	20.11	20.16	20.15	21.60	23.89	23.91	23.85	24.90

Band 2 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.93	17.99	17.95	19.5	0

Band 4 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.60	19.65	19.62	21.3	0

Band 66 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.65	19.70	19.68	21.3	0

Band 7 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.15	20.20	20.18	21.2	0

Band 38 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.52	22.58	22.55	23.9	0

Band 41 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.50	22.54	22.62	22.59	22.57	23.9	0

Band 41 HPUE Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.81	23.78	23.86	23.84	23.82	25.5	0

Band 5 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.60	21.70	21.57	22.7	0
10	QPSK	1	25	21.52	21.62	21.40		
10	QPSK	1	49	21.56	21.62	21.58		
10	QPSK	25	0	21.52	21.58	21.50	22.7	0
10	QPSK	25	12	21.50	21.50	21.54		
10	QPSK	25	25	21.54	21.49	21.45		
10	QPSK	50	0	21.52	21.56	21.49		
10	16QAM	1	0	21.55	21.53	21.55	22.7	0
10	16QAM	1	25	21.40	21.38	21.40		
10	16QAM	1	49	21.45	21.45	21.44		
10	16QAM	25	0	21.02	21.02	20.93	22	0.7
10	16QAM	25	12	20.81	20.84	20.81		
10	16QAM	25	25	20.74	20.88	20.85		
10	16QAM	50	0	20.85	20.95	20.74		
10	64QAM	1	0	20.81	20.94	20.83	22	0.7
10	64QAM	1	25	20.82	20.84	20.74		
10	64QAM	1	49	20.76	20.85	20.78		
10	64QAM	25	0	20.01	19.90	19.86	21	1.7
10	64QAM	25	12	19.84	19.91	19.75		
10	64QAM	25	25	19.87	19.89	19.83		
10	64QAM	50	0	19.88	19.92	19.82		
10	256QAM	1	0	17.99	17.91	17.89	19	3.7
10	256QAM	1	25	17.85	17.84	17.65		
10	256QAM	1	49	17.71	17.96	17.71		
10	256QAM	25	0	17.89	17.87	17.78	19	3.7
10	256QAM	25	12	17.83	17.85	17.74		
10	256QAM	25	25	17.91	17.74	17.88		
10	256QAM	50	0	17.91	17.84	17.74		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.51	21.67	21.46	22.7	0
5	QPSK	1	12	21.42	21.52	21.31		
5	QPSK	1	24	21.51	21.52	21.45		
5	QPSK	12	0	21.39	21.55	21.37	22.7	0
5	QPSK	12	7	21.37	21.41	21.41		
5	QPSK	12	13	21.50	21.41	21.33		
5	QPSK	25	0	21.46	21.50	21.40		
5	16QAM	1	0	21.51	21.39	21.44	22.7	0
5	16QAM	1	12	21.28	21.36	21.36		
5	16QAM	1	24	21.42	21.38	21.36		
5	16QAM	12	0	20.98	20.96	20.87	22	0.7
5	16QAM	12	7	20.76	20.79	20.69		
5	16QAM	12	13	20.69	20.81	20.79		
5	16QAM	25	0	20.75	20.89	20.72		
5	64QAM	1	0	20.79	20.87	20.71	22	0.7
5	64QAM	1	12	20.77	20.82	20.69		
5	64QAM	1	24	20.72	20.74	20.66		
5	64QAM	12	0	19.92	19.87	19.76	21	1.7
5	64QAM	12	7	19.78	19.81	19.67		
5	64QAM	12	13	19.78	19.79	19.77		
5	64QAM	25	0	19.82	19.85	19.75		
5	256QAM	1	0	17.95	17.83	17.75	19	3.7
5	256QAM	1	12	17.83	17.73	17.62		
5	256QAM	1	24	17.60	17.89	17.58		
5	256QAM	12	0	17.81	17.77	17.73	19	3.7
5	256QAM	12	7	17.78	17.71	17.71		
5	256QAM	12	13	17.84	17.63	17.83		
5	256QAM	25	0	17.88	17.71	17.68		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.46	21.64	21.48	22.7	0
3	QPSK	1	8	21.47	21.55	21.30		
3	QPSK	1	14	21.48	21.50	21.48		
3	QPSK	8	0	21.40	21.54	21.46	22.7	0
3	QPSK	8	4	21.42	21.38	21.43		
3	QPSK	8	7	21.42	21.38	21.33		
3	QPSK	15	0	21.40	21.52	21.44		
3	16QAM	1	0	21.45	21.49	21.51	22.7	0
3	16QAM	1	8	21.32	21.30	21.27		
3	16QAM	1	14	21.34	21.35	21.34		
3	16QAM	8	0	20.95	20.96	20.80	22	0.7
3	16QAM	8	4	20.73	20.74	20.68		
3	16QAM	8	7	20.61	20.77	20.82		
3	16QAM	15	0	20.80	20.88	20.69		
3	64QAM	1	0	20.69	20.80	20.79	22	0.7
3	64QAM	1	8	20.71	20.79	20.64		
3	64QAM	1	14	20.68	20.77	20.64		
3	64QAM	8	0	19.88	19.80	19.75	21	1.7
3	64QAM	8	4	19.73	19.80	19.67		
3	64QAM	8	7	19.79	19.78	19.72		
3	64QAM	15	0	19.82	19.84	19.74		
3	256QAM	1	0	17.96	17.83	17.87	19	3.7
3	256QAM	1	8	17.80	17.80	17.56		
3	256QAM	1	14	17.60	17.89	17.60		
3	256QAM	8	0	17.77	17.82	17.74	19	3.7
3	256QAM	8	4	17.77	17.76	17.68		
3	256QAM	8	7	17.80	17.62	17.76		
3	256QAM	15	0	17.87	17.72	17.68		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.53	21.60	21.52	22.7	0
1.4	QPSK	1	3	21.42	21.58	21.27		
1.4	QPSK	1	5	21.48	21.55	21.54		
1.4	QPSK	3	0	21.39	21.46	21.45		
1.4	QPSK	3	1	21.48	21.39	21.44		
1.4	QPSK	3	3	21.46	21.38	21.32		
1.4	QPSK	6	0	21.46	21.45	21.44	22.7	0
1.4	16QAM	1	0	21.51	21.45	21.50	22.7	0
1.4	16QAM	1	3	21.34	21.31	21.30		
1.4	16QAM	1	5	21.35	21.42	21.38		
1.4	16QAM	3	0	21.46	21.34	21.43		
1.4	16QAM	3	1	21.22	21.19	21.23		
1.4	16QAM	3	3	21.28	21.39	21.33		
1.4	16QAM	6	0	20.78	20.89	20.69	22	0.7
1.4	64QAM	1	0	20.74	20.86	20.73	22	0.7
1.4	64QAM	1	3	20.76	20.79	20.67		
1.4	64QAM	1	5	20.68	20.74	20.66		
1.4	64QAM	3	0	20.74	20.83	20.56		
1.4	64QAM	3	1	20.67	20.80	20.65		
1.4	64QAM	3	3	20.74	20.67	20.59		
1.4	64QAM	6	0	19.75	19.88	19.75	21	1.7
1.4	256QAM	1	0	17.89	17.86	17.79	19	3.7
1.4	256QAM	1	3	17.78	17.80	17.56		
1.4	256QAM	1	5	17.61	17.89	17.68		
1.4	256QAM	3	0	17.79	17.84	17.76		
1.4	256QAM	3	1	17.79	17.81	17.60		
1.4	256QAM	3	3	17.80	17.62	17.81		
1.4	256QAM	6	0	17.82	17.74	17.70	19	3.7

Band 12 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.15	22.20	22.14	23.4	0
10	QPSK	1	25	22.11	22.07	22.11		
10	QPSK	1	49	22.10	22.18	22.08		
10	QPSK	25	0	21.77	21.79	21.77	23	0.4
10	QPSK	25	12	21.66	21.61	21.72		
10	QPSK	25	25	21.67	21.72	21.60		
10	QPSK	50	0	21.74	21.75	21.71		
10	16QAM	1	0	21.67	21.72	21.72	23	0.4
10	16QAM	1	25	21.58	21.56	21.69		
10	16QAM	1	49	21.59	21.61	21.48		
10	16QAM	25	0	20.74	20.85	20.80	22	1.4
10	16QAM	25	12	20.61	20.57	20.75		
10	16QAM	25	25	20.72	20.76	20.62		
10	16QAM	50	0	20.71	20.78	20.75		
10	64QAM	1	0	20.71	20.74	20.72	22	1.4
10	64QAM	1	25	20.52	20.57	20.65		
10	64QAM	1	49	20.55	20.63	20.44		
10	64QAM	25	0	19.77	19.74	19.77	21	2.4
10	64QAM	25	12	19.72	19.61	19.74		
10	64QAM	25	25	19.66	19.68	19.65		
10	64QAM	50	0	19.76	19.80	19.70		
10	256QAM	1	0	17.76	17.84	17.71	19	4.4
10	256QAM	1	25	17.68	17.61	17.77		
10	256QAM	1	49	17.63	17.68	17.59		
10	256QAM	25	0	17.78	17.75	17.69	19	4.4
10	256QAM	25	12	17.70	17.72	17.69		
10	256QAM	25	25	17.61	17.50	17.70		
10	256QAM	50	0	17.60	17.58	17.46		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.11	22.08	22.11	23.4	0
5	QPSK	1	12	21.98	21.97	22.01		
5	QPSK	1	24	22.00	22.13	22.02		
5	QPSK	12	0	21.74	21.69	21.74	23	0.4
5	QPSK	12	7	21.64	21.51	21.59		
5	QPSK	12	13	21.62	21.60	21.50		
5	QPSK	25	0	21.64	21.72	21.58		
5	16QAM	1	0	21.61	21.60	21.66	23	0.4
5	16QAM	1	12	21.50	21.43	21.59		
5	16QAM	1	24	21.52	21.49	21.38		
5	16QAM	12	0	20.61	20.72	20.75	22	1.4
5	16QAM	12	7	20.48	20.53	20.72		
5	16QAM	12	13	20.68	20.69	20.52		
5	16QAM	25	0	20.68	20.69	20.70		
5	64QAM	1	0	20.63	20.66	20.69	22	1.4
5	64QAM	1	12	20.46	20.50	20.58		
5	64QAM	1	24	20.42	20.61	20.40		
5	64QAM	12	0	19.73	19.60	19.73	21	2.4
5	64QAM	12	7	19.58	19.50	19.70		
5	64QAM	12	13	19.53	19.57	19.58		
5	64QAM	25	0	19.73	19.72	19.59		
5	256QAM	1	0	17.65	17.73	17.59	19	4.4
5	256QAM	1	12	17.57	17.49	17.71		
5	256QAM	1	24	17.56	17.60	17.49		
5	256QAM	12	0	17.65	17.69	17.59	19	4.4
5	256QAM	12	7	17.67	17.68	17.64		
5	256QAM	12	13	17.56	17.43	17.61		
5	256QAM	25	0	17.48	17.47	17.39		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.02	22.13	22.01	23.4	0
3	QPSK	1	8	22.03	21.99	22.02		
3	QPSK	1	14	21.99	22.15	22.06		
3	QPSK	8	0	21.64	21.73	21.70	23	0.4
3	QPSK	8	4	21.52	21.56	21.65		
3	QPSK	8	7	21.61	21.58	21.52		
3	QPSK	15	0	21.65	21.64	21.61		
3	16QAM	1	0	21.53	21.69	21.65	23	0.4
3	16QAM	1	8	21.50	21.42	21.65		
3	16QAM	1	14	21.52	21.54	21.35		
3	16QAM	8	0	20.69	20.75	20.69	22	1.4
3	16QAM	8	4	20.57	20.53	20.70		
3	16QAM	8	7	20.69	20.63	20.48		
3	16QAM	15	0	20.59	20.72	20.63		
3	64QAM	1	0	20.61	20.68	20.65	22	1.4
3	64QAM	1	8	20.50	20.48	20.60		
3	64QAM	1	14	20.52	20.52	20.34		
3	64QAM	8	0	19.69	19.69	19.71	21	2.4
3	64QAM	8	4	19.69	19.52	19.60		
3	64QAM	8	7	19.53	19.63	19.56		
3	64QAM	15	0	19.65	19.71	19.57		
3	256QAM	1	0	17.71	17.71	17.60	19	4.4
3	256QAM	1	8	17.62	17.58	17.71		
3	256QAM	1	14	17.52	17.56	17.47		
3	256QAM	8	0	17.69	17.62	17.66	19	4.4
3	256QAM	8	4	17.64	17.67	17.57		
3	256QAM	8	7	17.51	17.39	17.66		
3	256QAM	15	0	17.48	17.46	17.35		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.10	22.08	22.09	23.4	0
1.4	QPSK	1	3	22.09	21.94	22.08		
1.4	QPSK	1	5	21.99	22.06	22.06		
1.4	QPSK	3	0	21.96	22.05	21.99		
1.4	QPSK	3	1	21.95	21.91	21.96		
1.4	QPSK	3	3	21.89	21.94	21.96		
1.4	QPSK	6	0	21.60	21.68	21.59	23	0.4
1.4	16QAM	1	0	21.61	21.64	21.61	23	0.4
1.4	16QAM	1	3	21.54	21.47	21.64		
1.4	16QAM	1	5	21.49	21.52	21.43		
1.4	16QAM	3	0	21.58	21.64	21.46		
1.4	16QAM	3	1	21.56	21.61	21.58		
1.4	16QAM	3	3	21.47	21.43	21.57		
1.4	16QAM	6	0	20.60	20.67	20.71	22	1.4
1.4	64QAM	1	0	20.58	20.71	20.62	22	1.4
1.4	64QAM	1	3	20.48	20.46	20.52		
1.4	64QAM	1	5	20.42	20.53	20.40		
1.4	64QAM	3	0	20.49	20.65	20.60		
1.4	64QAM	3	1	20.47	20.62	20.56		
1.4	64QAM	3	3	20.34	20.40	20.44		
1.4	64QAM	6	0	19.73	19.71	19.66	21	2.4
1.4	256QAM	1	0	17.66	17.74	17.65	19	4.4
1.4	256QAM	1	3	17.55	17.50	17.74		
1.4	256QAM	1	5	17.50	17.60	17.45		
1.4	256QAM	3	0	17.72	17.66	17.60		
1.4	256QAM	3	1	17.64	17.66	17.58		
1.4	256QAM	3	3	17.54	17.38	17.64		
1.4	256QAM	6	0	17.53	17.53	17.33	19	4.4

Band 17 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.01	22.10	22.05	23.4	0
10	QPSK	1	25	22.01	22.03	22.06		
10	QPSK	1	49	22.03	22.04	22.03		
10	QPSK	25	0	21.67	21.75	21.73	23	0.4
10	QPSK	25	12	21.58	21.59	21.67		
10	QPSK	25	25	21.62	21.69	21.50		
10	QPSK	50	0	21.68	21.71	21.65		
10	16QAM	1	0	21.64	21.60	21.60	23	0.4
10	16QAM	1	25	21.52	21.42	21.58		
10	16QAM	1	49	21.47	21.58	21.35		
10	16QAM	25	0	20.68	20.79	20.70	22	1.4
10	16QAM	25	12	20.55	20.50	20.70		
10	16QAM	25	25	20.62	20.73	20.52		
10	16QAM	50	0	20.67	20.74	20.68		
10	64QAM	1	0	20.63	20.62	20.59	22	1.4
10	64QAM	1	25	20.38	20.50	20.60		
10	64QAM	1	49	20.52	20.60	20.41		
10	64QAM	25	0	19.72	19.65	19.71	21	2.4
10	64QAM	25	12	19.62	19.56	19.61		
10	64QAM	25	25	19.62	19.54	19.54		
10	64QAM	50	0	19.72	19.77	19.63		
10	256QAM	1	0	17.70	17.79	17.66	19	4.4
10	256QAM	1	25	17.59	17.53	17.72		
10	256QAM	1	49	17.58	17.63	17.48		
10	256QAM	25	0	17.65	17.66	17.67	19	4.4
10	256QAM	25	12	17.60	17.62	17.62		
10	256QAM	25	25	17.48	17.47	17.62		
10	256QAM	50	0	17.52	17.47	17.42		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.97	22.06	22.03	23.4	0
5	QPSK	1	12	21.99	22.00	21.95		
5	QPSK	1	24	21.99	21.99	21.93		
5	QPSK	12	0	21.62	21.72	21.71	23	0.4
5	QPSK	12	7	21.55	21.48	21.65		
5	QPSK	12	13	21.57	21.63	21.37		
5	QPSK	25	0	21.61	21.57	21.52		
5	16QAM	1	0	21.52	21.53	21.49	23	0.4
5	16QAM	1	12	21.45	21.35	21.48		
5	16QAM	1	24	21.44	21.54	21.30		
5	16QAM	12	0	20.66	20.71	20.65	22	1.4
5	16QAM	12	7	20.51	20.45	20.59		
5	16QAM	12	13	20.49	20.70	20.41		
5	16QAM	25	0	20.61	20.62	20.60		
5	64QAM	1	0	20.60	20.48	20.56	22	1.4
5	64QAM	1	12	20.31	20.42	20.56		
5	64QAM	1	24	20.41	20.56	20.37		
5	64QAM	12	0	19.58	19.61	19.64	21	2.4
5	64QAM	12	7	19.48	19.43	19.52		
5	64QAM	12	13	19.59	19.47	19.47		
5	64QAM	25	0	19.68	19.68	19.59		
5	256QAM	1	0	17.61	17.73	17.56	19	4.4
5	256QAM	1	12	17.48	17.49	17.62		
5	256QAM	1	24	17.51	17.55	17.37		
5	256QAM	12	0	17.60	17.58	17.59	19	4.4
5	256QAM	12	7	17.56	17.57	17.56		
5	256QAM	12	13	17.45	17.35	17.56		
5	256QAM	25	0	17.40	17.35	17.30		

Band 26 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.70	21.74	21.68	22.7	0
15	QPSK	1	37	21.61	21.64	21.54		
15	QPSK	1	74	21.59	21.68	21.60		
15	QPSK	36	0	21.64	21.68	21.59	22.7	0
15	QPSK	36	20	21.57	21.62	21.57		
15	QPSK	36	39	21.61	21.62	21.59		
15	QPSK	75	0	21.62	21.64	21.54		
15	16QAM	1	0	21.68	21.62	21.61	22.7	0
15	16QAM	1	37	21.47	21.51	21.45		
15	16QAM	1	74	21.49	21.57	21.52		
15	16QAM	36	0	21.05	21.07	21.02	22	0.7
15	16QAM	36	20	20.93	20.94	20.90		
15	16QAM	36	39	20.88	21.00	20.91		
15	16QAM	75	0	20.94	20.98	20.86		
15	64QAM	1	0	20.93	20.98	20.87	22	0.7
15	64QAM	1	37	20.94	20.95	20.84		
15	64QAM	1	74	20.89	20.94	20.81		
15	64QAM	36	0	20.04	20.03	19.99	21	1.7
15	64QAM	36	20	19.92	19.94	19.88		
15	64QAM	36	39	19.89	20.02	19.95		
15	64QAM	75	0	20.00	20.00	19.90		
15	256QAM	1	0	18.04	17.99	17.98	19	3.7
15	256QAM	1	37	17.97	17.89	17.79		
15	256QAM	1	74	17.84	18.01	17.85		
15	256QAM	36	0	17.94	17.97	17.85	19	3.7
15	256QAM	36	20	17.86	17.93	17.84		
15	256QAM	36	39	17.97	17.88	17.91		
15	256QAM	75	0	17.93	17.95	17.82		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.58	21.63	21.57	22.7	0
10	QPSK	1	25	21.56	21.53	21.45		
10	QPSK	1	49	21.55	21.57	21.56		
10	QPSK	25	0	21.60	21.63	21.52	22.7	0
10	QPSK	25	12	21.46	21.60	21.48		
10	QPSK	25	25	21.54	21.55	21.54		
10	QPSK	50	0	21.56	21.61	21.46		
10	16QAM	1	0	21.56	21.58	21.53	22.7	0
10	16QAM	1	25	21.35	21.44	21.38		
10	16QAM	1	49	21.39	21.46	21.45		
10	16QAM	25	0	20.95	20.94	20.97	22	0.7
10	16QAM	25	12	20.84	20.89	20.84		
10	16QAM	25	25	20.85	20.88	20.86		
10	16QAM	50	0	20.80	20.95	20.84		
10	64QAM	1	0	20.90	20.94	20.74	22	0.7
10	64QAM	1	25	20.87	20.84	20.78		
10	64QAM	1	49	20.77	20.86	20.78		
10	64QAM	25	0	19.96	20.01	19.96	21	1.7
10	64QAM	25	12	19.81	19.85	19.78		
10	64QAM	25	25	19.82	19.89	19.93		
10	64QAM	50	0	19.93	19.92	19.79		
10	256QAM	1	0	18.01	17.89	17.87	19	3.7
10	256QAM	1	25	17.94	17.78	17.72		
10	256QAM	1	49	17.78	17.89	17.76		
10	256QAM	25	0	17.89	17.84	17.78	19	3.7
10	256QAM	25	12	17.83	17.91	17.71		
10	256QAM	25	25	17.87	17.80	17.88		
10	256QAM	50	0	17.89	17.85	17.71		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.68	21.64	21.65	22.7	0
5	QPSK	1	12	21.50	21.58	21.41		
5	QPSK	1	24	21.48	21.58	21.57		
5	QPSK	12	0	21.54	21.56	21.49	22.7	0
5	QPSK	12	7	21.50	21.56	21.48		
5	QPSK	12	13	21.53	21.53	21.50		
5	QPSK	25	0	21.58	21.54	21.46		
5	16QAM	1	0	21.65	21.52	21.50	22.7	0
5	16QAM	1	12	21.38	21.38	21.34		
5	16QAM	1	24	21.46	21.51	21.43		
5	16QAM	12	0	20.94	21.01	20.89	22	0.7
5	16QAM	12	7	20.84	20.82	20.78		
5	16QAM	12	13	20.84	20.91	20.88		
5	16QAM	25	0	20.85	20.92	20.81		
5	64QAM	1	0	20.80	20.96	20.82	22	0.7
5	64QAM	1	12	20.82	20.82	20.73		
5	64QAM	1	24	20.79	20.91	20.72		
5	64QAM	12	0	20.01	19.99	19.97	21	1.7
5	64QAM	12	7	19.85	19.85	19.86		
5	64QAM	12	13	19.80	19.91	19.90		
5	64QAM	25	0	19.88	19.92	19.77		
5	256QAM	1	0	17.97	17.93	17.90	19	3.7
5	256QAM	1	12	17.85	17.78	17.73		
5	256QAM	1	24	17.75	17.92	17.75		
5	256QAM	12	0	17.88	17.85	17.71	19	3.7
5	256QAM	12	7	17.77	17.89	17.73		
5	256QAM	12	13	17.87	17.77	17.84		
5	256QAM	25	0	17.88	17.89	17.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.64	21.67	21.55	22.7	0
3	QPSK	1	8	21.47	21.56	21.47		
3	QPSK	1	14	21.52	21.63	21.55		
3	QPSK	8	0	21.54	21.62	21.53	22.7	0
3	QPSK	8	4	21.44	21.58	21.51		
3	QPSK	8	7	21.51	21.52	21.47		
3	QPSK	15	0	21.48	21.57	21.47		
3	16QAM	1	0	21.61	21.56	21.50	22.7	0
3	16QAM	1	8	21.42	21.38	21.32		
3	16QAM	1	14	21.36	21.52	21.39		
3	16QAM	8	0	20.98	20.94	20.91	22	0.7
3	16QAM	8	4	20.89	20.88	20.79		
3	16QAM	8	7	20.76	20.92	20.87		
3	16QAM	15	0	20.88	20.90	20.79		
3	64QAM	1	0	20.90	20.89	20.83	22	0.7
3	64QAM	1	8	20.88	20.92	20.71		
3	64QAM	1	14	20.78	20.81	20.78		
3	64QAM	8	0	19.96	19.98	19.90	21	1.7
3	64QAM	8	4	19.79	19.84	19.86		
3	64QAM	8	7	19.86	19.98	19.85		
3	64QAM	15	0	19.87	19.98	19.78		
3	256QAM	1	0	17.93	17.88	17.95	19	3.7
3	256QAM	1	8	17.95	17.76	17.66		
3	256QAM	1	14	17.75	17.92	17.80		
3	256QAM	8	0	17.89	17.91	17.78	19	3.7
3	256QAM	8	4	17.81	17.82	17.80		
3	256QAM	8	7	17.90	17.81	17.79		
3	256QAM	15	0	17.90	17.83	17.69		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.62	21.70	21.62	22.7	0
1.4	QPSK	1	3	21.48	21.57	21.42		
1.4	QPSK	1	5	21.52	21.60	21.51		
1.4	QPSK	3	0	21.52	21.55	21.56		
1.4	QPSK	3	1	21.49	21.52	21.47		
1.4	QPSK	3	3	21.52	21.51	21.56		
1.4	QPSK	6	0	21.56	21.55	21.41	22.7	0
1.4	16QAM	1	0	21.61	21.57	21.53	22.7	0
1.4	16QAM	1	3	21.42	21.44	21.34		
1.4	16QAM	1	5	21.45	21.54	21.42		
1.4	16QAM	3	0	21.51	21.50	21.44		
1.4	16QAM	3	1	21.30	21.35	21.25		
1.4	16QAM	3	3	21.32	21.46	21.33		
1.4	16QAM	6	0	20.88	20.94	20.72	22	0.7
1.4	64QAM	1	0	20.88	20.85	20.83	22	0.7
1.4	64QAM	1	3	20.86	20.86	20.72		
1.4	64QAM	1	5	20.86	20.83	20.77		
1.4	64QAM	3	0	20.76	20.77	20.75		
1.4	64QAM	3	1	20.84	20.73	20.66		
1.4	64QAM	3	3	20.76	20.71	20.64		
1.4	64QAM	6	0	19.90	19.97	19.78	21	1.7
1.4	256QAM	1	0	18.02	17.86	17.94	19	3.7
1.4	256QAM	1	3	17.92	17.82	17.70		
1.4	256QAM	1	5	17.74	17.98	17.82		
1.4	256QAM	3	0	17.88	17.87	17.81		
1.4	256QAM	3	1	17.73	17.84	17.81		
1.4	256QAM	3	3	17.93	17.80	17.79		
1.4	256QAM	6	0	17.82	17.83	17.74	19	3.7

GSM850 Ant 1 ECI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1 ECI5			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI5			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	17.58	17.60	17.55	19.30	17.86	17.90	17.85	19.20	24.19	24.25	24.13	25.00

Band 2 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.63	18.70	18.66	19.7	0

Band 4 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.48	18.49	18.45	19.9	0

Band 66 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.50	18.55	18.53	19.9	0

Band 7 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.44	19.45	19.42	21	0

Band 38 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.10	22.15	22.13	23.6	0

Band 41 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.11	22.16	22.20	22.13	22.19	23.6	0

Band 41 HPUE Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.74	23.77	23.80	23.75	23.71	25.2	0

Band 5 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.56	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM 1900 Ant 2 ECI5	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	22.00	22.05	22.02	23.10	19.00	19.05	19.02	20.10

Band		WCDMA II Ant 2 ECI5			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	18.21	18.25	18.22	19.50	20.51	20.55	20.54	21.60

Band 2 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.19	15.21	15.18	16.4	0

Band 4 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.02	18.06	18.01	19.2	0

Band 66 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.06	18.10	18.05	19.2	0

Band 7 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.10	18.15	18.12	19.5	0

Band 38 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.38	19.42	19.40	20.8	0

Band 41 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.42	19.44	19.50	19.48	19.45	20.8	0

Band 41 HPUE Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.76	20.71	20.80	20.77	20.75	22.4	0

Band		WCDMA II Ant 3 ECI5			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI5			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	18.85	18.90	18.89	20.00	21.18	21.29	21.21	22.00

Band 2 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.18	21.25	21.22	22.6	0

Band 4 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.79	22.83	22.76	24	0

Band 66 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.85	22.88	22.79	24	0

Band 7 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.55	19.60	19.57	21.1	0

Band 38 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.94	21.96	21.91	22.9	0

Band 41 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.96	21.98	22.00	21.93	21.95	22.9	0

Band 41 HPUE Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.24	23.16	23.25	23.18	23.21	24.5	0

Band 42 Part 27Q Ant 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.71	20.77	20.73	21.8	0
20	QPSK	1	49	20.68	20.66	20.71		
20	QPSK	1	99	20.58	20.68	20.64		
20	QPSK	50	0	20.59	20.70	20.66	21.8	0
20	QPSK	50	24	20.64	20.69	20.65		
20	QPSK	50	50	20.61	20.63	20.61		
20	QPSK	100	0	20.66	20.67	20.63		
20	16QAM	1	0	20.63	20.65	20.68	21.8	0
20	16QAM	1	49	20.55	20.59	20.58		
20	16QAM	1	99	20.48	20.59	20.58		
20	16QAM	50	0	20.49	20.66	20.63	21.8	0
20	16QAM	50	24	20.50	20.55	20.60		
20	16QAM	50	50	20.47	20.56	20.56		
20	16QAM	100	0	20.55	20.54	20.55		
20	64QAM	1	0	20.68	20.63	20.69	21.8	0
20	64QAM	1	49	20.65	20.57	20.65		
20	64QAM	1	99	20.52	20.55	20.62		
20	64QAM	50	0	19.94	19.97	19.94	21	0.8
20	64QAM	50	24	19.87	19.83	19.88		
20	64QAM	50	50	19.81	19.92	19.83		
20	64QAM	100	0	19.80	19.93	19.86		
20	256QAM	1	0	17.89	17.96	17.94	19	2.8
20	256QAM	1	49	17.90	17.87	17.91		
20	256QAM	1	99	17.72	17.83	17.83		
20	256QAM	50	0	17.80	17.88	17.86	19	2.8
20	256QAM	50	24	17.87	17.84	17.79		
20	256QAM	50	50	17.82	17.78	17.81		
20	256QAM	100	0	17.91	17.92	17.88		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.61	20.71	20.60	21.8	0
15	QPSK	1	37	20.59	20.54	20.58		
15	QPSK	1	74	20.56	20.65	20.58		
15	QPSK	36	0	20.54	20.57	20.63	21.8	0
15	QPSK	36	20	20.57	20.57	20.53		
15	QPSK	36	39	20.51	20.58	20.56		
15	QPSK	75	0	20.61	20.60	20.51		
15	16QAM	1	0	20.55	20.60	20.58	21.8	0
15	16QAM	1	37	20.46	20.47	20.50		
15	16QAM	1	74	20.45	20.49	20.48		
15	16QAM	36	0	20.39	20.61	20.53	21.8	0
15	16QAM	36	20	20.40	20.48	20.55		
15	16QAM	36	39	20.43	20.52	20.44		
15	16QAM	75	0	20.46	20.51	20.47		
15	64QAM	1	0	20.65	20.55	20.60	21.8	0
15	64QAM	1	37	20.53	20.47	20.54		
15	64QAM	1	74	20.40	20.42	20.59		
15	64QAM	36	0	19.81	19.85	19.84	21	0.8
15	64QAM	36	20	19.77	19.73	19.85		
15	64QAM	36	39	19.76	19.79	19.70		
15	64QAM	75	0	19.72	19.82	19.78		
15	256QAM	1	0	17.86	17.90	17.90	19	2.8
15	256QAM	1	37	17.84	17.74	17.77		
15	256QAM	1	74	17.62	17.77	17.74		
15	256QAM	36	0	17.74	17.77	17.79	19	2.8
15	256QAM	36	20	17.74	17.72	17.67		
15	256QAM	36	39	17.69	17.72	17.72		
15	256QAM	75	0	17.79	17.84	17.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.61	20.69	20.67	21.8	0
10	QPSK	1	25	20.64	20.60	20.59		
10	QPSK	1	49	20.48	20.56	20.53		
10	QPSK	25	0	20.50	20.57	20.55	21.8	0
10	QPSK	25	12	20.53	20.67	20.60		
10	QPSK	25	25	20.53	20.51	20.50		
10	QPSK	50	0	20.54	20.58	20.50	21.8	0
10	16QAM	1	0	20.55	20.63	20.60		
10	16QAM	1	25	20.46	20.48	20.47		
10	16QAM	1	49	20.35	20.51	20.51		
10	16QAM	25	0	20.38	20.57	20.61	21.8	0
10	16QAM	25	12	20.43	20.48	20.56		
10	16QAM	25	25	20.42	20.50	20.47		
10	16QAM	50	0	20.50	20.51	20.47		
10	64QAM	1	0	20.54	20.55	20.63	21.8	0
10	64QAM	1	25	20.56	20.51	20.61		
10	64QAM	1	49	20.47	20.44	20.56		
10	64QAM	25	0	19.92	19.88	19.80	21	0.8
10	64QAM	25	12	19.83	19.72	19.74		
10	64QAM	25	25	19.69	19.88	19.78		
10	64QAM	50	0	19.73	19.83	19.78		
10	256QAM	1	0	17.75	17.89	17.85	19	2.8
10	256QAM	1	25	17.84	17.77	17.87		
10	256QAM	1	49	17.59	17.74	17.70		
10	256QAM	25	0	17.74	17.84	17.83	19	2.8
10	256QAM	25	12	17.81	17.71	17.73		
10	256QAM	25	25	17.71	17.71	17.68		
10	256QAM	50	0	17.77	17.87	17.74		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.67	20.69	20.65	21.8	0
5	QPSK	1	12	20.57	20.53	20.59		
5	QPSK	1	24	20.55	20.62	20.56		
5	QPSK	12	0	20.50	20.67	20.61	21.8	0
5	QPSK	12	7	20.59	20.57	20.53		
5	QPSK	12	13	20.47	20.53	20.49		
5	QPSK	25	0	20.64	20.64	20.50		
5	16QAM	1	0	20.59	20.52	20.60	21.8	0
5	16QAM	1	12	20.51	20.50	20.48		
5	16QAM	1	24	20.38	20.54	20.51		
5	16QAM	12	0	20.43	20.58	20.49	21.8	0
5	16QAM	12	7	20.41	20.42	20.51		
5	16QAM	12	13	20.37	20.52	20.54		
5	16QAM	25	0	20.45	20.49	20.47		
5	64QAM	1	0	20.62	20.58	20.58	21.8	0
5	64QAM	1	12	20.61	20.51	20.62		
5	64QAM	1	24	20.38	20.48	20.48		
5	64QAM	12	0	19.81	19.86	19.90	21	0.8
5	64QAM	12	7	19.73	19.78	19.79		
5	64QAM	12	13	19.76	19.82	19.75		
5	64QAM	25	0	19.73	19.84	19.79		
5	256QAM	1	0	17.84	17.90	17.89	19	2.8
5	256QAM	1	12	17.78	17.75	17.84		
5	256QAM	1	24	17.61	17.76	17.70		
5	256QAM	12	0	17.67	17.80	17.80	19	2.8
5	256QAM	12	7	17.75	17.74	17.74		
5	256QAM	12	13	17.70	17.68	17.73		
5	256QAM	25	0	17.82	17.87	17.85		

Band 42 Part 27Q Ant 6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.30	19.35	19.33	20.7	0
20	QPSK	1	49	19.26	19.27	19.25		
20	QPSK	1	99	19.26	19.21	19.20		
20	QPSK	50	0	19.22	19.32	19.27	20.7	0
20	QPSK	50	24	19.19	19.31	19.29		
20	QPSK	50	50	19.28	19.25	19.31		
20	QPSK	100	0	19.24	19.29	19.28		
20	16QAM	1	0	19.16	19.21	19.30	20.7	0
20	16QAM	1	49	19.15	19.13	19.14		
20	16QAM	1	99	19.19	19.11	19.14		
20	16QAM	50	0	19.17	19.19	19.14	20.7	0
20	16QAM	50	24	19.13	19.21	19.26		
20	16QAM	50	50	19.19	19.12	19.22		
20	16QAM	100	0	19.21	19.21	19.20		
20	64QAM	1	0	19.26	19.22	19.28	20.7	0
20	64QAM	1	49	19.13	19.19	19.16		
20	64QAM	1	99	19.17	19.08	19.13		
20	64QAM	50	0	19.17	19.28	19.15	20.7	0
20	64QAM	50	24	19.17	19.26	19.16		
20	64QAM	50	50	19.26	19.16	19.18		
20	64QAM	100	0	19.20	19.16	19.18		
20	256QAM	1	0	17.56	17.63	17.64	19	1.7
20	256QAM	1	49	17.51	17.54	17.53		
20	256QAM	1	99	17.62	17.49	17.45		
20	256QAM	50	0	17.49	17.60	17.63	19	1.7
20	256QAM	50	24	17.47	17.64	17.57		
20	256QAM	50	50	17.56	17.49	17.64		
20	256QAM	100	0	17.59	17.59	17.60		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.24	19.27	19.22	20.7	0
15	QPSK	1	37	19.16	19.20	19.21		
15	QPSK	1	74	19.17	19.07	19.16		
15	QPSK	36	0	19.14	19.29	19.19	20.7	0
15	QPSK	36	20	19.09	19.20	19.18		
15	QPSK	36	39	19.16	19.19	19.19		
15	QPSK	75	0	19.18	19.18	19.17		
15	16QAM	1	0	19.03	19.12	19.21	20.7	0
15	16QAM	1	37	19.11	19.02	19.05		
15	16QAM	1	74	19.14	19.09	19.00		
15	16QAM	36	0	19.03	19.08	19.05	20.7	0
15	16QAM	36	20	19.08	19.14	19.14		
15	16QAM	36	39	19.06	19.06	19.17		
15	16QAM	75	0	19.14	19.10	19.15		
15	64QAM	1	0	19.13	19.12	19.18	20.7	0
15	64QAM	1	37	19.10	19.17	19.05		
15	64QAM	1	74	19.09	19.03	19.05		
15	64QAM	36	0	19.14	19.23	19.05	20.7	0
15	64QAM	36	20	19.14	19.14	19.02		
15	64QAM	36	39	19.17	19.12	19.13		
15	64QAM	75	0	19.16	19.06	19.15		
15	256QAM	1	0	17.49	17.60	17.53	19	1.7
15	256QAM	1	37	17.45	17.41	17.49		
15	256QAM	1	74	17.56	17.42	17.33		
15	256QAM	36	0	17.46	17.56	17.59	19	1.7
15	256QAM	36	20	17.40	17.51	17.50		
15	256QAM	36	39	17.53	17.40	17.51		
15	256QAM	75	0	17.47	17.46	17.51		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.21	19.28	19.27	20.7	0
10	QPSK	1	25	19.17	19.14	19.13		
10	QPSK	1	49	19.15	19.14	19.15		
10	QPSK	25	0	19.16	19.28	19.17	20.7	0
10	QPSK	25	12	19.06	19.21	19.19		
10	QPSK	25	25	19.19	19.18	19.23		
10	QPSK	50	0	19.20	19.20	19.19		
10	16QAM	1	0	19.14	19.11	19.28	20.7	0
10	16QAM	1	25	19.04	19.08	19.01		
10	16QAM	1	49	19.15	19.00	19.08		
10	16QAM	25	0	19.13	19.09	19.08	20.7	0
10	16QAM	25	12	19.08	19.15	19.13		
10	16QAM	25	25	19.12	19.00	19.12		
10	16QAM	50	0	19.11	19.11	19.11		
10	64QAM	1	0	19.15	19.19	19.17	20.7	0
10	64QAM	1	25	19.05	19.06	19.08		
10	64QAM	1	49	19.09	19.00	19.03		
10	64QAM	25	0	19.04	19.19	19.11	20.7	0
10	64QAM	25	12	19.12	19.22	19.12		
10	64QAM	25	25	19.14	19.09	19.05		
10	64QAM	50	0	19.11	19.13	19.11		
10	256QAM	1	0	17.50	17.58	17.58	19	1.7
10	256QAM	1	25	17.39	17.45	17.49		
10	256QAM	1	49	17.49	17.41	17.37		
10	256QAM	25	0	17.41	17.55	17.55	19	1.7
10	256QAM	25	12	17.41	17.54	17.54		
10	256QAM	25	25	17.52	17.36	17.57		
10	256QAM	50	0	17.51	17.54	17.53		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.17	19.31	19.27	20.7	0
5	QPSK	1	12	19.18	19.23	19.17		
5	QPSK	1	24	19.14	19.15	19.10		
5	QPSK	12	0	19.15	19.19	19.14	20.7	0
5	QPSK	12	7	19.06	19.22	19.25		
5	QPSK	12	13	19.25	19.19	19.18		
5	QPSK	25	0	19.16	19.23	19.25		
5	16QAM	1	0	19.06	19.18	19.25	20.7	0
5	16QAM	1	12	19.02	19.00	19.09		
5	16QAM	1	24	19.13	19.03	19.01		
5	16QAM	12	0	19.10	19.12	19.00	20.7	0
5	16QAM	12	7	19.07	19.13	19.24		
5	16QAM	12	13	19.09	19.00	19.13		
5	16QAM	25	0	19.17	19.10	19.10		
5	64QAM	1	0	19.17	19.19	19.20	20.7	0
5	64QAM	1	12	19.04	19.07	19.11		
5	64QAM	1	24	19.14	18.97	19.03		
5	64QAM	12	0	19.09	19.14	19.02	20.7	0
5	64QAM	12	7	19.12	19.14	19.04		
5	64QAM	12	13	19.17	19.07	19.14		
5	64QAM	25	0	19.11	19.07	19.06		
5	256QAM	1	0	17.44	17.59	17.52	19	1.7
5	256QAM	1	12	17.41	17.46	17.44		
5	256QAM	1	24	17.52	17.35	17.38		
5	256QAM	12	0	17.44	17.49	17.58	19	1.7
5	256QAM	12	7	17.45	17.57	17.51		
5	256QAM	12	13	17.43	17.39	17.58		
5	256QAM	25	0	17.55	17.49	17.51		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.96	19.00	18.94	20.4	0
20	QPSK	1	49	18.91	18.90	18.83		
20	QPSK	1	99	18.84	18.92	18.89		
20	QPSK	50	0	18.86	18.96	18.84	20.4	0
20	QPSK	50	24	18.84	18.95	18.80		
20	QPSK	50	50	18.85	18.92	18.87		
20	QPSK	100	0	18.86	18.94	18.81		
20	16QAM	1	0	18.89	18.87	18.83	20.4	0
20	16QAM	1	49	18.80	18.78	18.76		
20	16QAM	1	99	18.71	18.81	18.78		
20	16QAM	50	0	18.77	18.82	18.80	20.4	0
20	16QAM	50	24	18.76	18.87	18.77		
20	16QAM	50	50	18.77	18.80	18.74		
20	16QAM	100	0	18.81	18.86	18.73		
20	64QAM	1	0	18.84	18.91	18.91	20.4	0
20	64QAM	1	49	18.83	18.83	18.72		
20	64QAM	1	99	18.73	18.79	18.86		
20	64QAM	50	0	18.80	18.93	18.75	20.4	0
20	64QAM	50	24	18.71	18.85	18.68		
20	64QAM	50	50	18.72	18.79	18.84		
20	64QAM	100	0	18.83	18.88	18.71		
20	256QAM	1	0	17.56	17.58	17.55	19	1.4
20	256QAM	1	49	17.51	17.47	17.43		
20	256QAM	1	99	17.45	17.54	17.44		
20	256QAM	50	0	17.44	17.60	17.48	19	1.4
20	256QAM	50	24	17.44	17.58	17.35		
20	256QAM	50	50	17.40	17.56	17.47		
20	256QAM	100	0	17.45	17.52	17.36		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.93	18.93	18.86	20.4	0
15	QPSK	1	37	18.77	18.84	18.72		
15	QPSK	1	74	18.76	18.84	18.83		
15	QPSK	36	0	18.73	18.93	18.78	20.4	0
15	QPSK	36	20	18.77	18.85	18.73		
15	QPSK	36	39	18.74	18.83	18.81		
15	QPSK	75	0	18.80	18.90	18.77		
15	16QAM	1	0	18.83	18.77	18.75	20.4	0
15	16QAM	1	37	18.71	18.66	18.74		
15	16QAM	1	74	18.62	18.68	18.75		
15	16QAM	36	0	18.67	18.79	18.66	20.4	0
15	16QAM	36	20	18.64	18.81	18.68		
15	16QAM	36	39	18.68	18.71	18.68		
15	16QAM	75	0	18.68	18.84	18.62		
15	64QAM	1	0	18.76	18.88	18.88	20.4	0
15	64QAM	1	37	18.70	18.70	18.61		
15	64QAM	1	74	18.70	18.71	18.83		
15	64QAM	36	0	18.68	18.90	18.70	20.4	0
15	64QAM	36	20	18.66	18.76	18.61		
15	64QAM	36	39	18.70	18.73	18.78		
15	64QAM	75	0	18.80	18.76	18.57		
15	256QAM	1	0	17.47	17.48	17.45	19	1.4
15	256QAM	1	37	17.42	17.43	17.35		
15	256QAM	1	74	17.41	17.44	17.36		
15	256QAM	36	0	17.41	17.48	17.34	19	1.4
15	256QAM	36	20	17.38	17.54	17.22		
15	256QAM	36	39	17.28	17.51	17.38		
15	256QAM	75	0	17.34	17.48	17.22		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.83	18.89	18.83	20.4	0
10	QPSK	1	25	18.88	18.87	18.70		
10	QPSK	1	49	18.78	18.90	18.78		
10	QPSK	25	0	18.77	18.92	18.71	20.4	0
10	QPSK	25	12	18.75	18.89	18.68		
10	QPSK	25	25	18.72	18.86	18.82		
10	QPSK	50	0	18.76	18.87	18.72		
10	16QAM	1	0	18.81	18.74	18.71	20.4	0
10	16QAM	1	25	18.68	18.69	18.62		
10	16QAM	1	49	18.63	18.69	18.67		
10	16QAM	25	0	18.63	18.73	18.71	20.4	0
10	16QAM	25	12	18.69	18.78	18.64		
10	16QAM	25	25	18.65	18.74	18.63		
10	16QAM	50	0	18.76	18.74	18.66		
10	64QAM	1	0	18.80	18.83	18.82	20.4	0
10	64QAM	1	25	18.69	18.74	18.67		
10	64QAM	1	49	18.69	18.74	18.81		
10	64QAM	25	0	18.78	18.79	18.62	20.4	0
10	64QAM	25	12	18.65	18.83	18.62		
10	64QAM	25	25	18.61	18.71	18.79		
10	64QAM	50	0	18.77	18.86	18.61		
10	256QAM	1	0	17.46	17.53	17.51	19	1.4
10	256QAM	1	25	17.42	17.36	17.36		
10	256QAM	1	49	17.33	17.46	17.31		
10	256QAM	25	0	17.36	17.54	17.34	19	1.4
10	256QAM	25	12	17.34	17.51	17.26		
10	256QAM	25	25	17.37	17.44	17.43		
10	256QAM	50	0	17.40	17.44	17.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.86	18.89	18.92	20.4	0
5	QPSK	1	12	18.87	18.78	18.74		
5	QPSK	1	24	18.71	18.82	18.85		
5	QPSK	12	0	18.84	18.94	18.78	20.4	0
5	QPSK	12	7	18.75	18.91	18.67		
5	QPSK	12	13	18.82	18.84	18.79		
5	QPSK	25	0	18.75	18.88	18.68		
5	16QAM	1	0	18.84	18.82	18.78	20.4	0
5	16QAM	1	12	18.70	18.74	18.70		
5	16QAM	1	24	18.58	18.75	18.66		
5	16QAM	12	0	18.69	18.72	18.75	20.4	0
5	16QAM	12	7	18.62	18.81	18.64		
5	16QAM	12	13	18.72	18.68	18.63		
5	16QAM	25	0	18.68	18.81	18.67		
5	64QAM	1	0	18.79	18.88	18.85	20.4	0
5	64QAM	1	12	18.77	18.76	18.59		
5	64QAM	1	24	18.65	18.66	18.79		
5	64QAM	12	0	18.67	18.80	18.62	20.4	0
5	64QAM	12	7	18.58	18.72	18.56		
5	64QAM	12	13	18.64	18.71	18.72		
5	64QAM	25	0	18.80	18.77	18.65		
5	256QAM	1	0	17.44	17.52	17.43	19	1.4
5	256QAM	1	12	17.39	17.33	17.34		
5	256QAM	1	24	17.32	17.41	17.33		
5	256QAM	12	0	17.36	17.53	17.45	19	1.4
5	256QAM	12	7	17.42	17.52	17.24		
5	256QAM	12	13	17.28	17.52	17.41		
5	256QAM	25	0	17.33	17.49	17.24		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.44	23.47	23.38	24	0
20	QPSK	1	49	23.33	23.37	23.29		
20	QPSK	1	99	23.32	23.35	23.35		
20	QPSK	50	0	22.38	22.41	22.35	23	1
20	QPSK	50	24	22.29	22.30	22.33		
20	QPSK	50	50	22.26	22.28	22.25		
20	QPSK	100	0	22.29	22.36	22.21		
20	16QAM	1	0	22.35	22.34	22.22	23	1
20	16QAM	1	49	22.19	22.19	22.30		
20	16QAM	1	99	22.12	22.16	22.19		
20	16QAM	50	0	21.34	21.36	21.39	22	2
20	16QAM	50	24	21.25	21.28	21.39		
20	16QAM	50	50	21.22	21.33	21.27		
20	16QAM	100	0	21.31	21.37	21.18		
20	64QAM	1	0	21.35	21.33	21.20	22	2
20	64QAM	1	49	21.19	21.23	21.33		
20	64QAM	1	99	21.08	21.18	21.24		
20	64QAM	50	0	20.33	20.36	20.33	21	3
20	64QAM	50	24	20.31	20.32	20.36		
20	64QAM	50	50	20.23	20.28	20.20		
20	64QAM	100	0	20.34	20.38	20.26		
20	256QAM	1	0	18.43	18.40	18.33	19	5
20	256QAM	1	49	18.26	18.33	18.33		
20	256QAM	1	99	18.24	18.23	18.25		
20	256QAM	50	0	18.28	18.32	18.18	19	5
20	256QAM	50	24	18.33	18.39	18.24		
20	256QAM	50	50	18.16	18.23	18.26		
20	256QAM	100	0	18.12	18.12	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.31	23.40	23.27	24	0
15	QPSK	1	37	23.20	23.32	23.22		
15	QPSK	1	74	23.29	23.33	23.26		
15	QPSK	36	0	22.25	22.37	22.21	23	1
15	QPSK	36	20	22.25	22.25	22.28		
15	QPSK	36	39	22.17	22.25	22.13		
15	QPSK	75	0	22.24	22.29	22.14		
15	16QAM	1	0	22.32	22.25	22.13	23	1
15	16QAM	1	37	22.12	22.08	22.17		
15	16QAM	1	74	22.05	22.10	22.16		
15	16QAM	36	0	21.22	21.36	21.26	22	2
15	16QAM	36	20	21.17	21.24	21.30		
15	16QAM	36	39	21.17	21.19	21.24		
15	16QAM	75	0	21.19	21.30	21.13		
15	64QAM	1	0	21.31	21.23	21.12	22	2
15	64QAM	1	37	21.14	21.10	21.21		
15	64QAM	1	74	21.02	21.07	21.11		
15	64QAM	36	0	20.20	20.22	20.30	21	3
15	64QAM	36	20	20.25	20.25	20.23		
15	64QAM	36	39	20.18	20.22	20.08		
15	64QAM	75	0	20.20	20.31	20.18		
15	256QAM	1	0	18.38	18.31	18.28	19	5
15	256QAM	1	37	18.19	18.26	18.25		
15	256QAM	1	74	18.13	18.14	18.18		
15	256QAM	36	0	18.18	18.28	18.11	19	5
15	256QAM	36	20	18.22	18.31	18.12		
15	256QAM	36	39	18.12	18.12	18.16		
15	256QAM	75	0	18.02	18.06	18.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.41	23.40	23.35	24	0
10	QPSK	1	25	23.28	23.29	23.23		
10	QPSK	1	49	23.22	23.22	23.27		
10	QPSK	25	0	22.26	22.37	22.24	23	1
10	QPSK	25	12	22.20	22.23	22.30		
10	QPSK	25	25	22.20	22.17	22.20		
10	QPSK	50	0	22.19	22.25	22.08		
10	16QAM	1	0	22.29	22.21	22.10	23	1
10	16QAM	1	25	22.12	22.06	22.20		
10	16QAM	1	49	22.05	22.05	22.16		
10	16QAM	25	0	21.27	21.28	21.28	22	2
10	16QAM	25	12	21.12	21.24	21.31		
10	16QAM	25	25	21.16	21.25	21.25		
10	16QAM	50	0	21.18	21.26	21.07		
10	64QAM	1	0	21.23	21.25	21.12	22	2
10	64QAM	1	25	21.09	21.12	21.20		
10	64QAM	1	49	21.00	21.05	21.17		
10	64QAM	25	0	20.29	20.23	20.22	21	3
10	64QAM	25	12	20.23	20.22	20.26		
10	64QAM	25	25	20.13	20.19	20.16		
10	64QAM	50	0	20.32	20.31	20.15		
10	256QAM	1	0	18.36	18.33	18.28	19	5
10	256QAM	1	25	18.13	18.20	18.25		
10	256QAM	1	49	18.11	18.14	18.15		
10	256QAM	25	0	18.26	18.29	18.15	19	5
10	256QAM	25	12	18.20	18.31	18.16		
10	256QAM	25	25	18.05	18.11	18.21		
10	256QAM	50	0	18.06	18.06	18.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.40	23.34	23.25	24	0
5	QPSK	1	12	23.27	23.34	23.26		
5	QPSK	1	24	23.28	23.25	23.28		
5	QPSK	12	0	22.33	22.28	22.26	23	1
5	QPSK	12	7	22.21	22.17	22.30		
5	QPSK	12	13	22.17	22.14	22.14		
5	QPSK	25	0	22.27	22.24	22.14		
5	16QAM	1	0	22.22	22.29	22.17	23	1
5	16QAM	1	12	22.10	22.07	22.27		
5	16QAM	1	24	22.06	22.04	22.11		
5	16QAM	12	0	21.21	21.33	21.31	22	2
5	16QAM	12	7	21.14	21.23	21.37		
5	16QAM	12	13	21.10	21.20	21.25		
5	16QAM	25	0	21.27	21.27	21.16		
5	64QAM	1	0	21.24	21.27	21.17	22	2
5	64QAM	1	12	21.12	21.11	21.27		
5	64QAM	1	24	20.98	21.14	21.16		
5	64QAM	12	0	20.31	20.29	20.26	21	3
5	64QAM	12	7	20.23	20.26	20.23		
5	64QAM	12	13	20.15	20.25	20.15		
5	64QAM	25	0	20.20	20.34	20.15		
5	256QAM	1	0	18.39	18.34	18.30	19	5
5	256QAM	1	12	18.21	18.24	18.30		
5	256QAM	1	24	18.15	18.20	18.18		
5	256QAM	12	0	18.23	18.27	18.13	19	5
5	256QAM	12	7	18.28	18.32	18.10		
5	256QAM	12	13	18.14	18.17	18.18		
5	256QAM	25	0	18.03	18.00	18.16		

Reduced Power Mode for ECI 6

GSM850 Ant 0 ECI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00

GSM1900 Ant 0 ECI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00

Band		WCDMA II Ant 0 ECI6			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI6			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.01	22.10	22.08	23.00	22.01	22.15	22.13	23.00	24.18	24.22	24.17	25.00

Band 2 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.16	22.19	22.14	23.4	0

Band 4 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.43	22.48	22.46	23.9	0

Band 66 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.54	22.55	22.51	23.9	0

Band 7 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.19	22.25	22.21	23.7	0

Band 38 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.36	23.41	23.39	25	0

Band 41 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.32	23.39	23.46	23.43	23.35	25	0

Band 41 HPUE Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.35	26.30	26.38	26.25	26.32	28	0

Band 5 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.08	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.03	22.90		
10	QPSK	1	49	23.02	23.09	22.87		
10	QPSK	25	0	21.99	22.01	21.95	23	1
10	QPSK	25	12	21.84	21.96	21.93		
10	QPSK	25	25	21.94	21.97	21.95		
10	QPSK	50	0	21.95	21.99	21.92		
10	16QAM	1	0	21.90	21.94	21.91	23	1
10	16QAM	1	25	21.74	21.95	21.79		
10	16QAM	1	49	21.87	21.88	21.79		
10	16QAM	25	0	21.03	21.03	20.94	22	2
10	16QAM	25	12	20.86	20.97	20.85		
10	16QAM	25	25	20.91	21.02	20.84		
10	16QAM	50	0	20.97	21.08	20.98		
10	64QAM	1	0	20.83	21.03	20.79	22	2
10	64QAM	1	25	20.76	20.80	20.67		
10	64QAM	1	49	20.79	20.84	20.77		
10	64QAM	25	0	19.93	19.99	20.00	21	3
10	64QAM	25	12	19.93	19.97	19.94		
10	64QAM	25	25	19.85	19.97	19.89		
10	64QAM	50	0	19.99	20.01	19.95		
10	256QAM	1	0	17.92	18.00	17.98	19	5
10	256QAM	1	25	17.96	17.97	17.91		
10	256QAM	1	49	17.87	18.06	17.90		
10	256QAM	25	0	18.04	17.98	17.92	19	5
10	256QAM	25	12	17.82	17.96	17.90		
10	256QAM	25	25	17.80	17.82	17.82		
10	256QAM	50	0	17.88	17.97	17.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.01	23.05	22.84	24	0
5	QPSK	1	12	22.81	22.95	22.81		
5	QPSK	1	24	22.94	23.06	22.81		
5	QPSK	12	0	21.87	21.95	21.81	23	1
5	QPSK	12	7	21.73	21.82	21.84		
5	QPSK	12	13	21.89	21.92	21.89		
5	QPSK	25	0	21.82	21.96	21.86		
5	16QAM	1	0	21.79	21.87	21.87	23	1
5	16QAM	1	12	21.60	21.82	21.68		
5	16QAM	1	24	21.80	21.86	21.76		
5	16QAM	12	0	21.01	21.00	20.86	22	2
5	16QAM	12	7	20.76	20.94	20.75		
5	16QAM	12	13	20.85	20.96	20.75		
5	16QAM	25	0	20.84	20.97	20.90		
5	64QAM	1	0	20.79	20.96	20.67	22	2
5	64QAM	1	12	20.62	20.76	20.61		
5	64QAM	1	24	20.69	20.73	20.71		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.85	19.88	19.91		
5	64QAM	12	13	19.79	19.88	19.77		
5	64QAM	25	0	19.90	19.91	19.85		
5	256QAM	1	0	17.90	17.92	17.94	19	5
5	256QAM	1	12	17.90	17.93	17.89		
5	256QAM	1	24	17.75	18.00	17.83		
5	256QAM	12	0	17.97	17.95	17.82	19	5
5	256QAM	12	7	17.76	17.89	17.83		
5	256QAM	12	13	17.76	17.70	17.71		
5	256QAM	25	0	17.86	17.90	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	22.98	22.87	24	0
3	QPSK	1	8	22.88	22.93	22.81		
3	QPSK	1	14	22.97	23.01	22.79		
3	QPSK	8	0	21.94	21.95	21.91	23	1
3	QPSK	8	4	21.81	21.86	21.90		
3	QPSK	8	7	21.91	21.87	21.86		
3	QPSK	15	0	21.87	21.91	21.78		
3	16QAM	1	0	21.82	21.90	21.82	23	1
3	16QAM	1	8	21.65	21.88	21.67		
3	16QAM	1	14	21.78	21.77	21.69		
3	16QAM	8	0	20.95	20.97	20.86	22	2
3	16QAM	8	4	20.74	20.86	20.76		
3	16QAM	8	7	20.83	20.94	20.78		
3	16QAM	15	0	20.85	20.95	20.95		
3	64QAM	1	0	20.69	20.94	20.70	22	2
3	64QAM	1	8	20.72	20.75	20.55		
3	64QAM	1	14	20.69	20.75	20.64		
3	64QAM	8	0	19.89	19.95	19.94	21	3
3	64QAM	8	4	19.89	19.84	19.92		
3	64QAM	8	7	19.81	19.91	19.80		
3	64QAM	15	0	19.88	19.90	19.93		
3	256QAM	1	0	17.85	17.98	17.94	19	5
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.84	17.97	17.80		
3	256QAM	8	0	17.99	17.89	17.87	19	5
3	256QAM	8	4	17.70	17.89	17.87		
3	256QAM	8	7	17.69	17.77	17.73		
3	256QAM	15	0	17.81	17.86	17.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.04	22.95	22.91	24	0
1.4	QPSK	1	3	22.82	22.99	22.95		
1.4	QPSK	1	5	22.89	23.03	22.87		
1.4	QPSK	3	0	22.97	22.90	22.77		
1.4	QPSK	3	1	22.67	22.99	22.81		
1.4	QPSK	3	3	22.80	22.89	22.82		
1.4	QPSK	6	0	21.85	21.93	21.88	23	1
1.4	16QAM	1	0	21.85	21.93	21.82	23	1
1.4	16QAM	1	3	21.66	21.80	21.79		
1.4	16QAM	1	5	21.78	21.78	21.68		
1.4	16QAM	3	0	21.64	21.83	21.79		
1.4	16QAM	3	1	21.73	21.80	21.79		
1.4	16QAM	3	3	21.55	21.81	21.67		
1.4	16QAM	6	0	20.85	21.03	20.96	22	2
1.4	64QAM	1	0	20.73	20.85	20.82	22	2
1.4	64QAM	1	3	20.69	20.79	20.53		
1.4	64QAM	1	5	20.60	20.82	20.78		
1.4	64QAM	3	0	20.67	20.95	20.79		
1.4	64QAM	3	1	20.68	20.87	20.65		
1.4	64QAM	3	3	20.68	20.62	20.49		
1.4	64QAM	6	0	19.83	19.89	19.87	21	3
1.4	256QAM	1	0	17.95	17.82	17.87	19	5
1.4	256QAM	1	3	17.79	17.79	17.78		
1.4	256QAM	1	5	17.90	17.96	17.69		
1.4	256QAM	3	0	17.91	17.88	17.94		
1.4	256QAM	3	1	17.90	17.83	17.89		
1.4	256QAM	3	3	17.65	17.78	17.72		
1.4	256QAM	6	0	17.72	17.90	17.61	19	5

Band 12 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.10	23.14	23.08	24	0
10	QPSK	1	25	22.88	23.01	22.98		
10	QPSK	1	49	23.02	23.00	23.03		
10	QPSK	25	0	21.92	21.96	21.95	23	1
10	QPSK	25	12	21.86	21.85	21.82		
10	QPSK	25	25	21.88	21.94	21.90		
10	QPSK	50	0	21.87	21.91	21.87		
10	16QAM	1	0	21.83	21.86	21.82	23	1
10	16QAM	1	25	21.84	21.82	21.73		
10	16QAM	1	49	21.77	21.88	21.81		
10	16QAM	25	0	20.93	20.94	21.00	22	2
10	16QAM	25	12	20.90	20.80	20.86		
10	16QAM	25	25	20.92	20.94	20.87		
10	16QAM	50	0	20.88	20.95	20.85		
10	64QAM	1	0	20.88	20.89	20.83	22	2
10	64QAM	1	25	20.85	20.79	20.70		
10	64QAM	1	49	20.78	20.86	20.87		
10	64QAM	25	0	19.87	19.97	19.98	21	3
10	64QAM	25	12	19.89	19.83	19.79		
10	64QAM	25	25	19.94	19.89	19.88		
10	64QAM	50	0	19.84	19.88	19.92		
10	256QAM	1	0	17.97	17.94	17.91	19	5
10	256QAM	1	25	17.83	17.89	17.81		
10	256QAM	1	49	17.84	17.90	17.91		
10	256QAM	25	0	17.82	17.88	17.87	19	5
10	256QAM	25	12	17.86	17.87	17.85		
10	256QAM	25	25	17.85	17.83	17.74		
10	256QAM	50	0	17.76	17.89	17.85		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	23.07	23.03	24	0
5	QPSK	1	12	22.95	22.95	22.94		
5	QPSK	1	24	22.92	22.94	22.92		
5	QPSK	12	0	21.80	21.94	21.91	23	1
5	QPSK	12	7	21.80	21.75	21.70		
5	QPSK	12	13	21.74	21.90	21.85		
5	QPSK	25	0	21.76	21.85	21.74		
5	16QAM	1	0	21.76	21.82	21.77	23	1
5	16QAM	1	12	21.80	21.75	21.61		
5	16QAM	1	24	21.64	21.81	21.75		
5	16QAM	12	0	20.85	20.86	20.97	22	2
5	16QAM	12	7	20.77	20.77	20.83		
5	16QAM	12	13	20.90	20.87	20.83		
5	16QAM	25	0	20.82	20.87	20.71		
5	64QAM	1	0	20.75	20.80	20.76	22	2
5	64QAM	1	12	20.79	20.67	20.56		
5	64QAM	1	24	20.69	20.76	20.80		
5	64QAM	12	0	19.82	19.88	19.94	21	3
5	64QAM	12	7	19.87	19.76	19.65		
5	64QAM	12	13	19.83	19.84	19.81		
5	64QAM	25	0	19.73	19.77	19.80		
5	256QAM	1	0	17.87	17.84	17.80	19	5
5	256QAM	1	12	17.75	17.82	17.69		
5	256QAM	1	24	17.77	17.77	17.86		
5	256QAM	12	0	17.77	17.85	17.81	19	5
5	256QAM	12	7	17.77	17.81	17.71		
5	256QAM	12	13	17.80	17.75	17.60		
5	256QAM	25	0	17.63	17.85	17.80		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.02	23.03	24	0
3	QPSK	1	8	22.85	22.95	22.96		
3	QPSK	1	14	22.99	22.97	22.93		
3	QPSK	8	0	21.88	21.87	21.84	23	1
3	QPSK	8	4	21.81	21.80	21.75		
3	QPSK	8	7	21.81	21.84	21.86		
3	QPSK	15	0	21.77	21.79	21.75		
3	16QAM	1	0	21.72	21.72	21.79	23	1
3	16QAM	1	8	21.77	21.68	21.68		
3	16QAM	1	14	21.67	21.79	21.67		
3	16QAM	8	0	20.87	20.89	20.89	22	2
3	16QAM	8	4	20.86	20.73	20.78		
3	16QAM	8	7	20.82	20.80	20.80		
3	16QAM	15	0	20.79	20.85	20.78		
3	64QAM	1	0	20.83	20.86	20.77	22	2
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.71	20.76	20.82		
3	64QAM	8	0	19.80	19.83	19.85	21	3
3	64QAM	8	4	19.81	19.75	19.76		
3	64QAM	8	7	19.88	19.80	19.81		
3	64QAM	15	0	19.76	19.81	19.79		
3	256QAM	1	0	17.92	17.85	17.79	19	5
3	256QAM	1	8	17.71	17.85	17.72		
3	256QAM	1	14	17.76	17.80	17.85		
3	256QAM	8	0	17.79	17.82	17.80	19	5
3	256QAM	8	4	17.83	17.77	17.75		
3	256QAM	8	7	17.77	17.72	17.70		
3	256QAM	15	0	17.72	17.80	17.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.99	23.10	23.03	24	0
1.4	QPSK	1	3	22.86	22.98	22.91		
1.4	QPSK	1	5	22.94	22.94	22.93		
1.4	QPSK	3	0	22.86	23.06	23.00		
1.4	QPSK	3	1	22.80	22.94	22.84		
1.4	QPSK	3	3	22.87	22.83	22.86		
1.4	QPSK	6	0	21.80	21.83	21.77	23	1
1.4	16QAM	1	0	21.76	21.77	21.72	23	1
1.4	16QAM	1	3	21.75	21.79	21.68		
1.4	16QAM	1	5	21.74	21.81	21.74		
1.4	16QAM	3	0	21.70	21.80	21.68		
1.4	16QAM	3	1	21.67	21.72	21.63		
1.4	16QAM	3	3	21.70	21.75	21.58		
1.4	16QAM	6	0	20.86	20.87	20.79	22	2
1.4	64QAM	1	0	20.84	20.81	20.77	22	2
1.4	64QAM	1	3	20.72	20.69	20.67		
1.4	64QAM	1	5	20.72	20.79	20.73		
1.4	64QAM	3	0	20.75	20.81	20.67		
1.4	64QAM	3	1	20.73	20.69	20.75		
1.4	64QAM	3	3	20.64	20.56	20.61		
1.4	64QAM	6	0	19.81	19.76	19.90	21	3
1.4	256QAM	1	0	17.91	17.85	17.80	19	5
1.4	256QAM	1	3	17.73	17.87	17.74		
1.4	256QAM	1	5	17.71	17.88	17.85		
1.4	256QAM	3	0	17.72	17.84	17.81		
1.4	256QAM	3	1	17.75	17.77	17.80		
1.4	256QAM	3	3	17.82	17.73	17.62		
1.4	256QAM	6	0	17.68	17.76	17.72	19	5

Band 17 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.05	23.10	23.06	24	0
10	QPSK	1	25	22.89	22.96	22.98		
10	QPSK	1	49	22.95	22.92	23.01		
10	QPSK	25	0	21.81	21.87	21.86	23	1
10	QPSK	25	12	21.80	21.79	21.79		
10	QPSK	25	25	21.83	21.84	21.79		
10	QPSK	50	0	21.84	21.85	21.84		
10	16QAM	1	0	21.75	21.80	21.72	23	1
10	16QAM	1	25	21.82	21.76	21.61		
10	16QAM	1	49	21.75	21.84	21.78		
10	16QAM	25	0	20.91	20.92	20.98	22	2
10	16QAM	25	12	20.89	20.73	20.81		
10	16QAM	25	25	20.85	20.88	20.83		
10	16QAM	50	0	20.82	20.83	20.82		
10	64QAM	1	0	20.76	20.85	20.80	22	2
10	64QAM	1	25	20.79	20.78	20.60		
10	64QAM	1	49	20.68	20.82	20.77		
10	64QAM	25	0	19.86	19.92	19.97	21	3
10	64QAM	25	12	19.82	19.78	19.78		
10	64QAM	25	25	19.85	19.85	19.85		
10	64QAM	50	0	19.74	19.82	19.88		
10	256QAM	1	0	17.85	17.87	17.81	19	5
10	256QAM	1	25	17.71	17.88	17.73		
10	256QAM	1	49	17.77	17.84	17.87		
10	256QAM	25	0	17.71	17.86	17.75	19	5
10	256QAM	25	12	17.82	17.86	17.74		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.72	17.84	17.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.93	23.01	23.03	24	0
5	QPSK	1	12	22.79	22.90	22.90		
5	QPSK	1	24	22.85	22.86	22.90		
5	QPSK	12	0	21.75	21.75	21.79	23	1
5	QPSK	12	7	21.69	21.67	21.75		
5	QPSK	12	13	21.72	21.84	21.69		
5	QPSK	25	0	21.80	21.85	21.76		
5	16QAM	1	0	21.74	21.77	21.63	23	1
5	16QAM	1	12	21.76	21.65	21.52		
5	16QAM	1	24	21.68	21.83	21.76		
5	16QAM	12	0	20.84	20.84	20.97	22	2
5	16QAM	12	7	20.83	20.71	20.80		
5	16QAM	12	13	20.78	20.85	20.78		
5	16QAM	25	0	20.74	20.75	20.80		
5	64QAM	1	0	20.67	20.79	20.72	22	2
5	64QAM	1	12	20.77	20.71	20.49		
5	64QAM	1	24	20.56	20.73	20.76		
5	64QAM	12	0	19.75	19.89	19.87	21	3
5	64QAM	12	7	19.74	19.69	19.72		
5	64QAM	12	13	19.81	19.73	19.80		
5	64QAM	25	0	19.73	19.75	19.87		
5	256QAM	1	0	17.76	17.76	17.69	19	5
5	256QAM	1	12	17.66	17.83	17.71		
5	256QAM	1	24	17.73	17.79	17.84		
5	256QAM	12	0	17.69	17.75	17.68	19	5
5	256QAM	12	7	17.80	17.80	17.68		
5	256QAM	12	13	17.69	17.72	17.67		
5	256QAM	25	0	17.69	17.75	17.74		

Band 26 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.15	23.08	24	0
15	QPSK	1	37	22.99	23.09	23.04		
15	QPSK	1	74	23.08	23.12	22.95		
15	QPSK	36	0	22.06	22.10	22.08	23	1
15	QPSK	36	20	21.96	22.02	21.97		
15	QPSK	36	39	21.99	22.03	21.98		
15	QPSK	75	0	22.02	22.06	22.03		
15	16QAM	1	0	21.98	22.03	21.98	23	1
15	16QAM	1	37	21.87	21.98	21.85		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	21.11	21.07	21.04	22	2
15	16QAM	36	20	20.91	21.00	20.95		
15	16QAM	36	39	20.95	21.09	20.96		
15	16QAM	75	0	21.01	21.12	21.06		
15	64QAM	1	0	20.93	21.08	20.93	22	2
15	64QAM	1	37	20.88	20.92	20.80		
15	64QAM	1	74	20.87	20.97	20.88		
15	64QAM	36	0	20.04	20.07	20.03	21	3
15	64QAM	36	20	20.01	20.07	20.03		
15	64QAM	36	39	19.98	20.08	19.97		
15	64QAM	75	0	20.01	20.04	20.05		
15	256QAM	1	0	18.05	18.04	18.06	19	5
15	256QAM	1	37	18.02	18.01	17.99		
15	256QAM	1	74	18.01	18.09	17.92		
15	256QAM	36	0	18.07	18.02	18.04	19	5
15	256QAM	36	20	17.95	18.04	18.03		
15	256QAM	36	39	17.85	17.95	17.91		
15	256QAM	75	0	17.91	18.01	17.81		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.99	23.05	23.03	24	0
10	QPSK	1	25	22.90	23.05	22.99		
10	QPSK	1	49	23.01	23.05	22.83		
10	QPSK	25	0	21.99	22.02	21.97	23	1
10	QPSK	25	12	21.85	21.88	21.89		
10	QPSK	25	25	21.89	21.95	21.90		
10	QPSK	50	0	21.97	21.95	21.95		
10	16QAM	1	0	21.92	21.98	21.93	23	1
10	16QAM	1	25	21.84	21.86	21.74		
10	16QAM	1	49	21.85	21.89	21.78		
10	16QAM	25	0	21.03	21.04	20.96	22	2
10	16QAM	25	12	20.77	20.88	20.83		
10	16QAM	25	25	20.87	20.96	20.94		
10	16QAM	50	0	20.97	21.05	21.03		
10	64QAM	1	0	20.87	21.00	20.85	22	2
10	64QAM	1	25	20.76	20.89	20.74		
10	64QAM	1	49	20.84	20.85	20.74		
10	64QAM	25	0	19.95	19.95	19.95	21	3
10	64QAM	25	12	19.89	20.01	19.91		
10	64QAM	25	25	19.85	19.97	19.92		
10	64QAM	50	0	19.99	19.95	20.03		
10	256QAM	1	0	17.93	17.91	17.93	19	5
10	256QAM	1	25	17.91	17.90	17.85		
10	256QAM	1	49	17.97	18.00	17.79		
10	256QAM	25	0	17.98	17.94	17.94	19	5
10	256QAM	25	12	17.81	18.02	17.90		
10	256QAM	25	25	17.83	17.91	17.78		
10	256QAM	50	0	17.80	17.93	17.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.00	23.09	23.04	24	0
5	QPSK	1	12	22.96	23.03	22.96		
5	QPSK	1	24	22.96	22.99	22.84		
5	QPSK	12	0	22.03	22.02	21.99	23	1
5	QPSK	12	7	21.86	21.93	21.92		
5	QPSK	12	13	21.96	21.93	21.88		
5	QPSK	25	0	21.88	21.96	21.91		
5	16QAM	1	0	21.86	21.93	21.88	23	1
5	16QAM	1	12	21.75	21.92	21.74		
5	16QAM	1	24	21.83	21.85	21.83		
5	16QAM	12	0	21.06	20.97	20.95	22	2
5	16QAM	12	7	20.89	20.87	20.87		
5	16QAM	12	13	20.89	20.98	20.87		
5	16QAM	25	0	20.95	21.01	20.96		
5	64QAM	1	0	20.90	21.03	20.89	22	2
5	64QAM	1	12	20.83	20.83	20.68		
5	64QAM	1	24	20.75	20.92	20.83		
5	64QAM	12	0	19.99	19.95	20.01	21	3
5	64QAM	12	7	19.89	20.05	20.00		
5	64QAM	12	13	19.91	19.96	19.86		
5	64QAM	25	0	19.93	19.94	19.92		
5	256QAM	1	0	17.92	18.01	17.99	19	5
5	256QAM	1	12	17.95	17.92	17.96		
5	256QAM	1	24	17.94	18.04	17.89		
5	256QAM	12	0	17.94	17.97	17.95	19	5
5	256QAM	12	7	17.85	17.98	18.00		
5	256QAM	12	13	17.72	17.85	17.84		
5	256QAM	25	0	17.84	17.95	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.03	23.08	22.99	24	0
3	QPSK	1	8	22.93	23.03	22.91		
3	QPSK	1	14	23.06	23.09	22.90		
3	QPSK	8	0	22.02	22.01	21.97	23	1
3	QPSK	8	4	21.82	21.95	21.92		
3	QPSK	8	7	21.85	22.01	21.87		
3	QPSK	15	0	21.95	21.95	22.00		
3	16QAM	1	0	21.87	21.90	21.91	23	1
3	16QAM	1	8	21.85	21.88	21.77		
3	16QAM	1	14	21.77	21.90	21.76		
3	16QAM	8	0	21.01	20.93	20.94	22	2
3	16QAM	8	4	20.88	20.89	20.87		
3	16QAM	8	7	20.91	21.06	20.83		
3	16QAM	15	0	20.94	21.07	20.93		
3	64QAM	1	0	20.80	21.04	20.81	22	2
3	64QAM	1	8	20.76	20.81	20.75		
3	64QAM	1	14	20.82	20.86	20.74		
3	64QAM	8	0	19.96	20.02	19.98	21	3
3	64QAM	8	4	19.89	19.95	19.97		
3	64QAM	8	7	19.91	19.98	19.94		
3	64QAM	15	0	19.87	19.95	19.92		
3	256QAM	1	0	17.97	17.91	18.02	19	5
3	256QAM	1	8	18.00	17.96	17.95		
3	256QAM	1	14	17.90	18.01	17.84		
3	256QAM	8	0	18.00	17.90	17.94	19	5
3	256QAM	8	4	17.87	18.01	17.95		
3	256QAM	8	7	17.76	17.92	17.89		
3	256QAM	15	0	17.80	17.88	17.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.03	22.98	24	0
1.4	QPSK	1	3	22.87	23.07	23.01		
1.4	QPSK	1	5	23.01	23.07	22.91		
1.4	QPSK	3	0	23.03	23.01	22.90		
1.4	QPSK	3	1	22.81	23.05	22.92		
1.4	QPSK	3	3	22.91	22.99	22.86		
1.4	QPSK	6	0	21.89	22.00	22.00	23	1
1.4	16QAM	1	0	21.94	22.00	21.90	23	1
1.4	16QAM	1	3	21.75	21.91	21.83		
1.4	16QAM	1	5	21.87	21.87	21.75		
1.4	16QAM	3	0	21.77	21.90	21.87		
1.4	16QAM	3	1	21.85	21.89	21.84		
1.4	16QAM	3	3	21.65	21.83	21.71		
1.4	16QAM	6	0	20.88	21.07	21.01	22	2
1.4	64QAM	1	0	20.82	20.97	20.88	22	2
1.4	64QAM	1	3	20.82	20.86	20.67		
1.4	64QAM	1	5	20.74	20.94	20.83		
1.4	64QAM	3	0	20.77	20.99	20.89		
1.4	64QAM	3	1	20.74	20.95	20.78		
1.4	64QAM	3	3	20.79	20.73	20.59		
1.4	64QAM	6	0	19.87	19.97	19.99	21	3
1.4	256QAM	1	0	18.03	17.91	17.94	19	5
1.4	256QAM	1	3	17.92	17.89	17.87		
1.4	256QAM	1	5	17.95	18.01	17.82		
1.4	256QAM	3	0	18.02	17.93	18.02		
1.4	256QAM	3	1	17.92	17.93	17.95		
1.4	256QAM	3	3	17.72	17.84	17.77		
1.4	256QAM	6	0	17.81	17.94	17.69	19	5

GSM850 Ant 1 ECI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1 ECI6			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI6			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	21.28	21.30	21.25	22.40	21.37	21.48	21.40	23.00	24.19	24.25	24.13	25.00

Band 2 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.43	21.48	21.45	23	0

Band 4 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.84	21.87	21.83	23	0

Band 66 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.88	21.92	21.89	23	0

Band 7 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.66	22.58	22.61	23.8	0

Band 38 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.85	23.05	22.98	25	0

Band 41 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.01	22.96	23.10	23.05	22.99	25	0

Band 41 HPUE Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.07	26.13	26.15	26.10	26.06	27	0

Band 5 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.56	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM 1900 Ant 2 ECI6	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	25.20	25.22	25.17	26.00	22.20	22.22	22.17	23.00

Band		WCDMA II Ant 2 ECI6			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	20.49	20.53	20.48	21.80	20.36	20.40	20.38	21.50

Band 2 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.71	18.74	18.68	20.2	0

Band 4 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.56	18.58	18.54	19.7	0

Band 66 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.66	18.69	18.64	19.7	0

Band 7 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.00	20.05	19.98	21.2	0

Band 38 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.45	21.51	21.48	23	0

Band 41 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.48	21.55	21.58	21.52	21.51	23	0

Band 41 HPUE Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.75	23.82	23.85	23.81	23.78	24.6	0

Band		WCDMA II Ant 3 ECI6			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI6			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	19.38	19.45	19.42	20.70	19.75	19.79	19.72	21.00

Band 2 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.62	20.70	20.66	21.8	0

Band 4 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.06	19.08	19.01	20.6	0

Band 66 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.10	19.15	19.08	20.6	0

Band 7 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.48	18.55	18.51	19.9	0

Band 38 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.35	20.42	20.38	22.2	0

Band 41 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.41	20.43	20.49	20.46	20.44	22.2	0

Band 41 HPUE Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.68	22.74	22.77	22.75	22.71	23.8	0

Band 42 Part 27Q Ant 4 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.15	18.20	18.18	19.3	0
20	QPSK	1	49	18.07	18.16	18.13		
20	QPSK	1	99	18.09	18.09	18.13		
20	QPSK	50	0	18.04	18.16	18.06	19.3	0
20	QPSK	50	24	18.05	18.09	18.07		
20	QPSK	50	50	18.01	18.07	18.04		
20	QPSK	100	0	18.05	18.13	18.06		
20	16QAM	1	0	18.12	18.06	18.15	19.3	0
20	16QAM	1	49	17.94	18.09	18.09		
20	16QAM	1	99	18.05	17.97	18.00		
20	16QAM	50	0	17.95	18.09	17.97	19.3	0
20	16QAM	50	24	17.95	18.02	17.99		
20	16QAM	50	50	17.94	17.96	17.93		
20	16QAM	100	0	18.00	18.11	17.95		
20	64QAM	1	0	18.04	18.11	18.10	19.3	0
20	64QAM	1	49	17.93	18.09	18.00		
20	64QAM	1	99	17.95	18.07	18.09		
20	64QAM	50	0	17.92	18.11	18.01	19.3	0
20	64QAM	50	24	17.93	17.98	18.01		
20	64QAM	50	50	17.90	17.97	18.00		
20	64QAM	100	0	18.02	18.04	18.01		
20	256QAM	1	0	17.91	17.93	17.91	19	0.3
20	256QAM	1	49	17.73	17.89	17.82		
20	256QAM	1	99	17.76	17.83	17.79		
20	256QAM	50	0	17.72	17.83	17.81	19	0.3
20	256QAM	50	24	17.70	17.79	17.81		
20	256QAM	50	50	17.77	17.74	17.76		
20	256QAM	100	0	17.80	17.78	17.72		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.09	18.09	18.15	19.3	0
15	QPSK	1	37	18.05	18.10	18.01		
15	QPSK	1	74	17.99	17.98	18.09		
15	QPSK	36	0	17.95	18.04	17.99	19.3	0
15	QPSK	36	20	18.03	18.03	17.96		
15	QPSK	36	39	17.97	17.99	17.99		
15	QPSK	75	0	17.97	18.02	17.93		
15	16QAM	1	0	18.02	17.93	18.12	19.3	0
15	16QAM	1	37	17.85	17.99	18.00		
15	16QAM	1	74	17.96	17.88	17.87		
15	16QAM	36	0	17.87	18.07	17.95	19.3	0
15	16QAM	36	20	17.82	17.89	17.91		
15	16QAM	36	39	17.85	17.91	17.87		
15	16QAM	75	0	17.89	18.03	17.92		
15	64QAM	1	0	18.02	17.97	18.06	19.3	0
15	64QAM	1	37	17.82	17.95	17.94		
15	64QAM	1	74	17.84	18.04	18.04		
15	64QAM	36	0	17.89	18.07	17.92	19.3	0
15	64QAM	36	20	17.79	17.84	17.93		
15	64QAM	36	39	17.77	17.86	17.87		
15	64QAM	75	0	17.92	17.94	17.94		
15	256QAM	1	0	17.80	17.85	17.88	19	0.3
15	256QAM	1	37	17.65	17.83	17.76		
15	256QAM	1	74	17.66	17.73	17.70		
15	256QAM	36	0	17.58	17.70	17.77	19	0.3
15	256QAM	36	20	17.58	17.68	17.69		
15	256QAM	36	39	17.70	17.63	17.66		
15	256QAM	75	0	17.72	17.65	17.64		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.06	18.06	18.07	19.3	0
10	QPSK	1	25	18.04	18.07	18.07		
10	QPSK	1	49	17.99	18.00	18.01		
10	QPSK	25	0	17.95	18.10	18.00	19.3	0
10	QPSK	25	12	17.91	18.03	17.99		
10	QPSK	25	25	17.91	17.94	17.95		
10	QPSK	50	0	18.02	18.00	17.98		
10	16QAM	1	0	18.03	17.95	18.05	19.3	0
10	16QAM	1	25	17.87	18.03	18.02		
10	16QAM	1	49	17.97	17.84	17.89		
10	16QAM	25	0	17.89	17.96	17.84	19.3	0
10	16QAM	25	12	17.89	17.95	17.89		
10	16QAM	25	25	17.88	17.88	17.84		
10	16QAM	50	0	17.88	18.01	17.85		
10	64QAM	1	0	17.94	17.99	17.97	19.3	0
10	64QAM	1	25	17.80	18.07	17.88		
10	64QAM	1	49	17.81	17.94	18.01		
10	64QAM	25	0	17.84	17.99	17.93	19.3	0
10	64QAM	25	12	17.82	17.95	17.99		
10	64QAM	25	25	17.87	17.88	17.93		
10	64QAM	50	0	17.89	17.93	17.87		
10	256QAM	1	0	17.87	17.80	17.81	19	0.3
10	256QAM	1	25	17.60	17.86	17.79		
10	256QAM	1	49	17.65	17.79	17.67		
10	256QAM	25	0	17.62	17.72	17.74	19	0.3
10	256QAM	25	12	17.64	17.70	17.72		
10	256QAM	25	25	17.67	17.71	17.68		
10	256QAM	50	0	17.70	17.73	17.62		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.07	18.06	18.09	19.3	0
5	QPSK	1	12	18.02	18.10	18.01		
5	QPSK	1	24	18.02	18.02	18.05		
5	QPSK	12	0	17.91	18.14	17.92	19.3	0
5	QPSK	12	7	17.99	18.01	18.03		
5	QPSK	12	13	17.94	17.99	17.98		
5	QPSK	25	0	17.99	18.09	18.00		
5	16QAM	1	0	18.03	17.96	18.07	19.3	0
5	16QAM	1	12	17.91	18.05	18.03		
5	16QAM	1	24	17.98	17.92	17.93		
5	16QAM	12	0	17.85	17.99	17.89	19.3	0
5	16QAM	12	7	17.82	17.97	17.91		
5	16QAM	12	13	17.86	17.88	17.80		
5	16QAM	25	0	17.87	18.05	17.91		
5	64QAM	1	0	17.91	18.05	18.02	19.3	0
5	64QAM	1	12	17.90	18.00	17.97		
5	64QAM	1	24	17.84	18.02	17.96		
5	64QAM	12	0	17.88	17.98	17.91	19.3	0
5	64QAM	12	7	17.85	17.86	17.88		
5	64QAM	12	13	17.78	17.85	17.93		
5	64QAM	25	0	17.89	17.94	17.96		
5	256QAM	1	0	17.81	17.81	17.80	19	0.3
5	256QAM	1	12	17.67	17.78	17.72		
5	256QAM	1	24	17.70	17.73	17.72		
5	256QAM	12	0	17.60	17.72	17.75	19	0.3
5	256QAM	12	7	17.63	17.73	17.76		
5	256QAM	12	13	17.72	17.71	17.64		
5	256QAM	25	0	17.69	17.70	17.69		

Band 42 Part 27Q Ant 6 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.71	22.77	22.75	23.7	0
20	QPSK	1	49	22.60	22.65	22.64		
20	QPSK	1	99	22.63	22.72	22.69		
20	QPSK	50	0	22.06	22.12	22.08	23	0.7
20	QPSK	50	24	21.90	21.91	21.90		
20	QPSK	50	50	21.97	22.04	22.03		
20	QPSK	100	0	22.00	22.08	22.06		
20	16QAM	1	0	21.98	22.06	22.00	23	0.7
20	16QAM	1	49	21.78	21.87	21.82		
20	16QAM	1	99	21.92	21.94	21.97		
20	16QAM	50	0	21.11	21.10	21.11	22	1.7
20	16QAM	50	24	20.90	20.85	20.85		
20	16QAM	50	50	20.97	21.03	20.98		
20	16QAM	100	0	20.97	21.10	21.12		
20	64QAM	1	0	20.98	21.05	20.98	22	1.7
20	64QAM	1	49	20.75	20.87	20.86		
20	64QAM	1	99	20.92	20.92	20.93		
20	64QAM	50	0	20.07	20.14	20.05	21	2.7
20	64QAM	50	24	19.92	19.94	19.84		
20	64QAM	50	50	20.03	19.99	20.02		
20	64QAM	100	0	20.02	20.12	20.07		
20	256QAM	1	0	18.03	18.10	18.06	19	4.7
20	256QAM	1	49	17.85	17.91	17.89		
20	256QAM	1	99	18.02	18.05	17.98		
20	256QAM	50	0	17.97	18.03	18.09	19	4.7
20	256QAM	50	24	18.02	18.05	17.96		
20	256QAM	50	50	17.82	17.83	17.87		
20	256QAM	100	0	17.95	17.98	17.98		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.66	22.68	22.73	23.7	0
15	QPSK	1	37	22.56	22.55	22.62		
15	QPSK	1	74	22.59	22.61	22.66		
15	QPSK	36	0	22.03	22.05	22.04	23	0.7
15	QPSK	36	20	21.86	21.79	21.79		
15	QPSK	36	39	21.84	21.95	21.94		
15	QPSK	75	0	21.95	22.04	21.97		
15	16QAM	1	0	21.95	22.04	21.88	23	0.7
15	16QAM	1	37	21.67	21.81	21.73		
15	16QAM	1	74	21.84	21.83	21.92		
15	16QAM	36	0	21.02	21.01	21.03	22	1.7
15	16QAM	36	20	20.86	20.79	20.72		
15	16QAM	36	39	20.92	20.95	20.90		
15	16QAM	75	0	20.87	21.01	21.06		
15	64QAM	1	0	20.89	20.98	20.92	22	1.7
15	64QAM	1	37	20.67	20.81	20.75		
15	64QAM	1	74	20.82	20.79	20.83		
15	64QAM	36	0	19.98	20.04	19.97	21	2.7
15	64QAM	36	20	19.79	19.87	19.75		
15	64QAM	36	39	19.98	19.85	20.00		
15	64QAM	75	0	19.96	20.04	19.96		
15	256QAM	1	0	17.91	18.06	18.02	19	4.7
15	256QAM	1	37	17.72	17.82	17.76		
15	256QAM	1	74	17.98	17.97	17.85		
15	256QAM	36	0	17.95	18.00	17.97	19	4.7
15	256QAM	36	20	17.95	17.91	17.88		
15	256QAM	36	39	17.76	17.77	17.75		
15	256QAM	75	0	17.85	17.92	17.90		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.62	22.70	22.68	23.7	0
10	QPSK	1	25	22.49	22.62	22.59		
10	QPSK	1	49	22.61	22.61	22.62		
10	QPSK	25	0	21.93	22.10	21.97	23	0.7
10	QPSK	25	12	21.87	21.80	21.87		
10	QPSK	25	25	21.94	21.92	21.96		
10	QPSK	50	0	21.97	21.96	21.99		
10	16QAM	1	0	21.89	21.97	21.95	23	0.7
10	16QAM	1	25	21.66	21.79	21.72		
10	16QAM	1	49	21.87	21.90	21.88		
10	16QAM	25	0	21.07	21.07	21.08	22	1.7
10	16QAM	25	12	20.82	20.77	20.80		
10	16QAM	25	25	20.95	20.89	20.96		
10	16QAM	50	0	20.95	20.99	21.06		
10	64QAM	1	0	20.94	20.98	20.87	22	1.7
10	64QAM	1	25	20.66	20.82	20.79		
10	64QAM	1	49	20.88	20.90	20.89		
10	64QAM	25	0	19.94	20.07	19.92	21	2.7
10	64QAM	25	12	19.85	19.87	19.81		
10	64QAM	25	25	19.96	19.96	19.90		
10	64QAM	50	0	19.90	20.03	20.03		
10	256QAM	1	0	18.00	18.06	17.97	19	4.7
10	256QAM	1	25	17.83	17.82	17.82		
10	256QAM	1	49	17.93	17.96	17.85		
10	256QAM	25	0	17.86	17.92	18.06	19	4.7
10	256QAM	25	12	17.88	17.94	17.85		
10	256QAM	25	25	17.68	17.78	17.75		
10	256QAM	50	0	17.82	17.91	17.91		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.61	22.68	22.63	23.7	0
5	QPSK	1	12	22.50	22.59	22.61		
5	QPSK	1	24	22.58	22.62	22.57		
5	QPSK	12	0	21.95	22.04	21.99	23	0.7
5	QPSK	12	7	21.84	21.88	21.81		
5	QPSK	12	13	21.87	21.96	22.00		
5	QPSK	25	0	21.91	21.94	21.98		
5	16QAM	1	0	21.91	21.98	21.93	23	0.7
5	16QAM	1	12	21.75	21.73	21.80		
5	16QAM	1	24	21.82	21.88	21.95		
5	16QAM	12	0	21.09	20.97	21.06	22	1.7
5	16QAM	12	7	20.84	20.77	20.77		
5	16QAM	12	13	20.93	20.89	20.88		
5	16QAM	25	0	20.93	21.05	21.03		
5	64QAM	1	0	20.93	20.94	20.87	22	1.7
5	64QAM	1	12	20.63	20.78	20.82		
5	64QAM	1	24	20.82	20.83	20.83		
5	64QAM	12	0	19.99	20.07	20.00	21	2.7
5	64QAM	12	7	19.78	19.81	19.71		
5	64QAM	12	13	19.91	19.92	19.91		
5	64QAM	25	0	19.99	20.09	19.98		
5	256QAM	1	0	17.97	18.01	18.00	19	4.7
5	256QAM	1	12	17.78	17.86	17.83		
5	256QAM	1	24	17.90	18.01	17.89		
5	256QAM	12	0	17.94	17.97	17.98	19	4.7
5	256QAM	12	7	17.97	17.94	17.87		
5	256QAM	12	13	17.80	17.81	17.76		
5	256QAM	25	0	17.83	17.90	17.86		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.88	20.90	20.85	21.9	0
20	QPSK	1	49	20.82	20.86	20.77		
20	QPSK	1	99	20.80	20.83	20.75		
20	QPSK	50	0	20.84	20.87	20.79	21.9	0
20	QPSK	50	24	20.80	20.86	20.82		
20	QPSK	50	50	20.77	20.78	20.75		
20	QPSK	100	0	20.77	20.83	20.77		
20	16QAM	1	0	20.79	20.80	20.74	21.9	0
20	16QAM	1	49	20.69	20.79	20.73		
20	16QAM	1	99	20.67	20.78	20.63		
20	16QAM	50	0	20.73	20.77	20.74	21.9	0
20	16QAM	50	24	20.73	20.82	20.71		
20	16QAM	50	50	20.67	20.69	20.66		
20	16QAM	100	0	20.66	20.73	20.69		
20	64QAM	1	0	20.86	20.80	20.74	21.9	0
20	64QAM	1	49	20.79	20.80	20.75		
20	64QAM	1	99	20.74	20.77	20.70		
20	64QAM	50	0	19.92	20.01	19.92	21	0.9
20	64QAM	50	24	19.97	20.00	19.89		
20	64QAM	50	50	19.88	19.94	19.83		
20	64QAM	100	0	19.91	19.99	19.92		
20	256QAM	1	0	17.97	17.94	17.91	19	2.9
20	256QAM	1	49	17.86	17.98	17.83		
20	256QAM	1	99	17.93	17.95	17.89		
20	256QAM	50	0	17.98	17.96	17.94	19	2.9
20	256QAM	50	24	17.87	17.93	17.86		
20	256QAM	50	50	17.88	17.87	17.80		
20	256QAM	100	0	17.82	17.98	17.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.80	20.76	20.73	21.9	0
15	QPSK	1	37	20.73	20.81	20.72		
15	QPSK	1	74	20.68	20.71	20.65		
15	QPSK	36	0	20.76	20.82	20.76	21.9	0
15	QPSK	36	20	20.73	20.79	20.78		
15	QPSK	36	39	20.71	20.66	20.71		
15	QPSK	75	0	20.66	20.76	20.75		
15	16QAM	1	0	20.74	20.76	20.70	21.9	0
15	16QAM	1	37	20.65	20.75	20.64		
15	16QAM	1	74	20.61	20.67	20.51		
15	16QAM	36	0	20.64	20.72	20.69	21.9	0
15	16QAM	36	20	20.62	20.77	20.62		
15	16QAM	36	39	20.59	20.65	20.61		
15	16QAM	75	0	20.64	20.62	20.62		
15	64QAM	1	0	20.75	20.75	20.60	21.9	0
15	64QAM	1	37	20.75	20.73	20.68		
15	64QAM	1	74	20.71	20.67	20.65		
15	64QAM	36	0	19.79	19.92	19.83	21	0.9
15	64QAM	36	20	19.86	19.87	19.77		
15	64QAM	36	39	19.75	19.88	19.72		
15	64QAM	75	0	19.86	19.96	19.89		
15	256QAM	1	0	17.86	17.86	17.78	19	2.9
15	256QAM	1	37	17.75	17.90	17.76		
15	256QAM	1	74	17.84	17.87	17.83		
15	256QAM	36	0	17.86	17.89	17.90	19	2.9
15	256QAM	36	20	17.76	17.82	17.78		
15	256QAM	36	39	17.85	17.76	17.77		
15	256QAM	75	0	17.69	17.85	17.73		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.78	20.82	20.72	21.9	0
10	QPSK	1	25	20.77	20.76	20.68		
10	QPSK	1	49	20.74	20.72	20.72		
10	QPSK	25	0	20.78	20.77	20.76	21.9	0
10	QPSK	25	12	20.71	20.78	20.72		
10	QPSK	25	25	20.72	20.73	20.64		
10	QPSK	50	0	20.70	20.79	20.74	21.9	0
10	16QAM	1	0	20.76	20.77	20.61		
10	16QAM	1	25	20.66	20.72	20.61		
10	16QAM	1	49	20.59	20.74	20.56		
10	16QAM	25	0	20.60	20.66	20.70	21.9	0
10	16QAM	25	12	20.63	20.77	20.58		
10	16QAM	25	25	20.58	20.57	20.57		
10	16QAM	50	0	20.61	20.68	20.65		
10	64QAM	1	0	20.81	20.71	20.72	21.9	0
10	64QAM	1	25	20.65	20.68	20.66		
10	64QAM	1	49	20.70	20.70	20.66		
10	64QAM	25	0	19.90	19.96	19.82	21	0.9
10	64QAM	25	12	19.87	19.88	19.79		
10	64QAM	25	25	19.78	19.89	19.73		
10	64QAM	50	0	19.85	19.97	19.86		
10	256QAM	1	0	17.93	17.88	17.86	19	2.9
10	256QAM	1	25	17.73	17.89	17.78		
10	256QAM	1	49	17.86	17.89	17.83		
10	256QAM	25	0	17.94	17.88	17.81	19	2.9
10	256QAM	25	12	17.77	17.84	17.74		
10	256QAM	25	25	17.83	17.77	17.70		
10	256QAM	50	0	17.79	17.95	17.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.80	20.78	20.81	21.9	0
5	QPSK	1	12	20.70	20.82	20.74		
5	QPSK	1	24	20.71	20.74	20.71		
5	QPSK	12	0	20.72	20.83	20.66	21.9	0
5	QPSK	12	7	20.72	20.80	20.71		
5	QPSK	12	13	20.68	20.73	20.69		
5	QPSK	25	0	20.68	20.72	20.75		
5	16QAM	1	0	20.72	20.67	20.65	21.9	0
5	16QAM	1	12	20.62	20.69	20.59		
5	16QAM	1	24	20.59	20.65	20.55		
5	16QAM	12	0	20.64	20.65	20.67	21.9	0
5	16QAM	12	7	20.69	20.73	20.60		
5	16QAM	12	13	20.63	20.59	20.60		
5	16QAM	25	0	20.58	20.62	20.60		
5	64QAM	1	0	20.75	20.75	20.67	21.9	0
5	64QAM	1	12	20.69	20.76	20.67		
5	64QAM	1	24	20.65	20.64	20.66		
5	64QAM	12	0	19.89	19.94	19.85	21	0.9
5	64QAM	12	7	19.84	19.86	19.87		
5	64QAM	12	13	19.76	19.85	19.71		
5	64QAM	25	0	19.86	19.88	19.87		
5	256QAM	1	0	17.84	17.86	17.85	19	2.9
5	256QAM	1	12	17.73	17.88	17.78		
5	256QAM	1	24	17.79	17.91	17.78		
5	256QAM	12	0	17.95	17.84	17.84	19	2.9
5	256QAM	12	7	17.80	17.89	17.77		
5	256QAM	12	13	17.84	17.76	17.74		
5	256QAM	25	0	17.69	17.86	17.71		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.44	23.47	23.38	24	0
20	QPSK	1	49	23.33	23.37	23.29		
20	QPSK	1	99	23.32	23.35	23.35		
20	QPSK	50	0	22.38	22.41	22.35	23	1
20	QPSK	50	24	22.29	22.30	22.33		
20	QPSK	50	50	22.26	22.28	22.25		
20	QPSK	100	0	22.29	22.36	22.21		
20	16QAM	1	0	22.35	22.34	22.22	23	1
20	16QAM	1	49	22.19	22.19	22.30		
20	16QAM	1	99	22.12	22.16	22.19		
20	16QAM	50	0	21.34	21.36	21.39	22	2
20	16QAM	50	24	21.25	21.28	21.39		
20	16QAM	50	50	21.22	21.33	21.27		
20	16QAM	100	0	21.31	21.37	21.18		
20	64QAM	1	0	21.35	21.33	21.20	22	2
20	64QAM	1	49	21.19	21.23	21.33		
20	64QAM	1	99	21.08	21.18	21.24		
20	64QAM	50	0	20.33	20.36	20.33	21	3
20	64QAM	50	24	20.31	20.32	20.36		
20	64QAM	50	50	20.23	20.28	20.20		
20	64QAM	100	0	20.34	20.38	20.26		
20	256QAM	1	0	18.43	18.40	18.33	19	5
20	256QAM	1	49	18.26	18.33	18.33		
20	256QAM	1	99	18.24	18.23	18.25		
20	256QAM	50	0	18.28	18.32	18.18	19	5
20	256QAM	50	24	18.33	18.39	18.24		
20	256QAM	50	50	18.16	18.23	18.26		
20	256QAM	100	0	18.12	18.12	18.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.31	23.40	23.27	24	0
15	QPSK	1	37	23.20	23.32	23.22		
15	QPSK	1	74	23.29	23.33	23.26		
15	QPSK	36	0	22.25	22.37	22.21	23	1
15	QPSK	36	20	22.25	22.25	22.28		
15	QPSK	36	39	22.17	22.25	22.13		
15	QPSK	75	0	22.24	22.29	22.14		
15	16QAM	1	0	22.32	22.25	22.13	23	1
15	16QAM	1	37	22.12	22.08	22.17		
15	16QAM	1	74	22.05	22.10	22.16		
15	16QAM	36	0	21.22	21.36	21.26	22	2
15	16QAM	36	20	21.17	21.24	21.30		
15	16QAM	36	39	21.17	21.19	21.24		
15	16QAM	75	0	21.19	21.30	21.13		
15	64QAM	1	0	21.31	21.23	21.12	22	2
15	64QAM	1	37	21.14	21.10	21.21		
15	64QAM	1	74	21.02	21.07	21.11		
15	64QAM	36	0	20.20	20.22	20.30	21	3
15	64QAM	36	20	20.25	20.25	20.23		
15	64QAM	36	39	20.18	20.22	20.08		
15	64QAM	75	0	20.20	20.31	20.18		
15	256QAM	1	0	18.38	18.31	18.28	19	5
15	256QAM	1	37	18.19	18.26	18.25		
15	256QAM	1	74	18.13	18.14	18.18		
15	256QAM	36	0	18.18	18.28	18.11	19	5
15	256QAM	36	20	18.22	18.31	18.12		
15	256QAM	36	39	18.12	18.12	18.16		
15	256QAM	75	0	18.02	18.06	18.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.41	23.40	23.35	24	0
10	QPSK	1	25	23.28	23.29	23.23		
10	QPSK	1	49	23.22	23.22	23.27		
10	QPSK	25	0	22.26	22.37	22.24	23	1
10	QPSK	25	12	22.20	22.23	22.30		
10	QPSK	25	25	22.20	22.17	22.20		
10	QPSK	50	0	22.19	22.25	22.08		
10	16QAM	1	0	22.29	22.21	22.10	23	1
10	16QAM	1	25	22.12	22.06	22.20		
10	16QAM	1	49	22.05	22.05	22.16		
10	16QAM	25	0	21.27	21.28	21.28	22	2
10	16QAM	25	12	21.12	21.24	21.31		
10	16QAM	25	25	21.16	21.25	21.25		
10	16QAM	50	0	21.18	21.26	21.07		
10	64QAM	1	0	21.23	21.25	21.12	22	2
10	64QAM	1	25	21.09	21.12	21.20		
10	64QAM	1	49	21.00	21.05	21.17		
10	64QAM	25	0	20.29	20.23	20.22	21	3
10	64QAM	25	12	20.23	20.22	20.26		
10	64QAM	25	25	20.13	20.19	20.16		
10	64QAM	50	0	20.32	20.31	20.15		
10	256QAM	1	0	18.36	18.33	18.28	19	5
10	256QAM	1	25	18.13	18.20	18.25		
10	256QAM	1	49	18.11	18.14	18.15		
10	256QAM	25	0	18.26	18.29	18.15	19	5
10	256QAM	25	12	18.20	18.31	18.16		
10	256QAM	25	25	18.05	18.11	18.21		
10	256QAM	50	0	18.06	18.06	18.15		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.40	23.34	23.25	24	0
5	QPSK	1	12	23.27	23.34	23.26		
5	QPSK	1	24	23.28	23.25	23.28		
5	QPSK	12	0	22.33	22.28	22.26	23	1
5	QPSK	12	7	22.21	22.17	22.30		
5	QPSK	12	13	22.17	22.14	22.14		
5	QPSK	25	0	22.27	22.24	22.14		
5	16QAM	1	0	22.22	22.29	22.17	23	1
5	16QAM	1	12	22.10	22.07	22.27		
5	16QAM	1	24	22.06	22.04	22.11		
5	16QAM	12	0	21.21	21.33	21.31	22	2
5	16QAM	12	7	21.14	21.23	21.37		
5	16QAM	12	13	21.10	21.20	21.25		
5	16QAM	25	0	21.27	21.27	21.16		
5	64QAM	1	0	21.24	21.27	21.17	22	2
5	64QAM	1	12	21.12	21.11	21.27		
5	64QAM	1	24	20.98	21.14	21.16		
5	64QAM	12	0	20.31	20.29	20.26	21	3
5	64QAM	12	7	20.23	20.26	20.23		
5	64QAM	12	13	20.15	20.25	20.15		
5	64QAM	25	0	20.20	20.34	20.15		
5	256QAM	1	0	18.39	18.34	18.30	19	5
5	256QAM	1	12	18.21	18.24	18.30		
5	256QAM	1	24	18.15	18.20	18.18		
5	256QAM	12	0	18.23	18.27	18.13	19	5
5	256QAM	12	7	18.28	18.32	18.10		
5	256QAM	12	13	18.14	18.17	18.18		
5	256QAM	25	0	18.03	18.00	18.16		

Reduced Power Mode for ECI 9

GSM850 Ant 0 ECI9	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.25	27.32	27.29	29.00	24.25	24.32	24.29	26.00

GSM1900 Ant 0 ECI9	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	22.92	22.95	22.90	24.10	19.92	19.95	19.90	21.10

Band		WCDMA II Ant 0 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI9			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	15.85	15.88	15.82	17.00	18.49	18.50	18.45	19.70	24.18	24.22	24.17	25.00

Band 2 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.77	18.80	18.75	20.1	0

Band 4 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.01	21.05	21.00	22.5	0

Band 66 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.05	21.10	21.06	22.5	0

Band 7 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.33	20.40	20.36	21.8	0

Band 38 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.66	21.72	21.68	22.6	0

Band 41 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.74	21.72	21.79	21.76	21.77	22.6	0

Band 41 HPUE Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.95	22.98	23.05	23.00	23.02	24.2	0

Band 5 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.08	23.11	22.97	24	0
10	QPSK	1	25	22.92	23.03	22.90		
10	QPSK	1	49	23.02	23.09	22.87		
10	QPSK	25	0	21.99	22.01	21.95	23	1
10	QPSK	25	12	21.84	21.96	21.93		
10	QPSK	25	25	21.94	21.97	21.95		
10	QPSK	50	0	21.95	21.99	21.92		
10	16QAM	1	0	21.90	21.94	21.91	23	1
10	16QAM	1	25	21.74	21.95	21.79		
10	16QAM	1	49	21.87	21.88	21.79		
10	16QAM	25	0	21.03	21.03	20.94	22	2
10	16QAM	25	12	20.86	20.97	20.85		
10	16QAM	25	25	20.91	21.02	20.84		
10	16QAM	50	0	20.97	21.08	20.98		
10	64QAM	1	0	20.83	21.03	20.79	22	2
10	64QAM	1	25	20.76	20.80	20.67		
10	64QAM	1	49	20.79	20.84	20.77		
10	64QAM	25	0	19.93	19.99	20.00	21	3
10	64QAM	25	12	19.93	19.97	19.94		
10	64QAM	25	25	19.85	19.97	19.89		
10	64QAM	50	0	19.99	20.01	19.95		
10	256QAM	1	0	17.92	18.00	17.98	19	5
10	256QAM	1	25	17.96	17.97	17.91		
10	256QAM	1	49	17.87	18.06	17.90		
10	256QAM	25	0	18.04	17.98	17.92	19	5
10	256QAM	25	12	17.82	17.96	17.90		
10	256QAM	25	25	17.80	17.82	17.82		
10	256QAM	50	0	17.88	17.97	17.75		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.01	23.05	22.84	24	0
5	QPSK	1	12	22.81	22.95	22.81		
5	QPSK	1	24	22.94	23.06	22.81		
5	QPSK	12	0	21.87	21.95	21.81	23	1
5	QPSK	12	7	21.73	21.82	21.84		
5	QPSK	12	13	21.89	21.92	21.89		
5	QPSK	25	0	21.82	21.96	21.86		
5	16QAM	1	0	21.79	21.87	21.87	23	1
5	16QAM	1	12	21.60	21.82	21.68		
5	16QAM	1	24	21.80	21.86	21.76		
5	16QAM	12	0	21.01	21.00	20.86	22	2
5	16QAM	12	7	20.76	20.94	20.75		
5	16QAM	12	13	20.85	20.96	20.75		
5	16QAM	25	0	20.84	20.97	20.90		
5	64QAM	1	0	20.79	20.96	20.67	22	2
5	64QAM	1	12	20.62	20.76	20.61		
5	64QAM	1	24	20.69	20.73	20.71		
5	64QAM	12	0	19.87	19.97	19.86	21	3
5	64QAM	12	7	19.85	19.88	19.91		
5	64QAM	12	13	19.79	19.88	19.77		
5	64QAM	25	0	19.90	19.91	19.85		
5	256QAM	1	0	17.90	17.92	17.94	19	5
5	256QAM	1	12	17.90	17.93	17.89		
5	256QAM	1	24	17.75	18.00	17.83		
5	256QAM	12	0	17.97	17.95	17.82	19	5
5	256QAM	12	7	17.76	17.89	17.83		
5	256QAM	12	13	17.76	17.70	17.71		
5	256QAM	25	0	17.86	17.90	17.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.97	22.98	22.87	24	0
3	QPSK	1	8	22.88	22.93	22.81		
3	QPSK	1	14	22.97	23.01	22.79		
3	QPSK	8	0	21.94	21.95	21.91	23	1
3	QPSK	8	4	21.81	21.86	21.90		
3	QPSK	8	7	21.91	21.87	21.86		
3	QPSK	15	0	21.87	21.91	21.78		
3	16QAM	1	0	21.82	21.90	21.82	23	1
3	16QAM	1	8	21.65	21.88	21.67		
3	16QAM	1	14	21.78	21.77	21.69		
3	16QAM	8	0	20.95	20.97	20.86	22	2
3	16QAM	8	4	20.74	20.86	20.76		
3	16QAM	8	7	20.83	20.94	20.78		
3	16QAM	15	0	20.85	20.95	20.95		
3	64QAM	1	0	20.69	20.94	20.70	22	2
3	64QAM	1	8	20.72	20.75	20.55		
3	64QAM	1	14	20.69	20.75	20.64		
3	64QAM	8	0	19.89	19.95	19.94	21	3
3	64QAM	8	4	19.89	19.84	19.92		
3	64QAM	8	7	19.81	19.91	19.80		
3	64QAM	15	0	19.88	19.90	19.93		
3	256QAM	1	0	17.85	17.98	17.94	19	5
3	256QAM	1	8	17.87	17.84	17.81		
3	256QAM	1	14	17.84	17.97	17.80		
3	256QAM	8	0	17.99	17.89	17.87	19	5
3	256QAM	8	4	17.70	17.89	17.87		
3	256QAM	8	7	17.69	17.77	17.73		
3	256QAM	15	0	17.81	17.86	17.72		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.04	22.95	22.91	24	0
1.4	QPSK	1	3	22.82	22.99	22.95		
1.4	QPSK	1	5	22.89	23.03	22.87		
1.4	QPSK	3	0	22.97	22.90	22.77		
1.4	QPSK	3	1	22.67	22.99	22.81		
1.4	QPSK	3	3	22.80	22.89	22.82		
1.4	QPSK	6	0	21.85	21.93	21.88	23	1
1.4	16QAM	1	0	21.85	21.93	21.82	23	1
1.4	16QAM	1	3	21.66	21.80	21.79		
1.4	16QAM	1	5	21.78	21.78	21.68		
1.4	16QAM	3	0	21.64	21.83	21.79		
1.4	16QAM	3	1	21.73	21.80	21.79		
1.4	16QAM	3	3	21.55	21.81	21.67		
1.4	16QAM	6	0	20.85	21.03	20.96	22	2
1.4	64QAM	1	0	20.73	20.85	20.82	22	2
1.4	64QAM	1	3	20.69	20.79	20.53		
1.4	64QAM	1	5	20.60	20.82	20.78		
1.4	64QAM	3	0	20.67	20.95	20.79		
1.4	64QAM	3	1	20.68	20.87	20.65		
1.4	64QAM	3	3	20.68	20.62	20.49		
1.4	64QAM	6	0	19.83	19.89	19.87	21	3
1.4	256QAM	1	0	17.95	17.82	17.87	19	5
1.4	256QAM	1	3	17.79	17.79	17.78		
1.4	256QAM	1	5	17.90	17.96	17.69		
1.4	256QAM	3	0	17.91	17.88	17.94		
1.4	256QAM	3	1	17.90	17.83	17.89		
1.4	256QAM	3	3	17.65	17.78	17.72		
1.4	256QAM	6	0	17.72	17.90	17.61	19	5

Band 12 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.10	23.14	23.08	24	0
10	QPSK	1	25	22.88	23.01	22.98		
10	QPSK	1	49	23.02	23.00	23.03		
10	QPSK	25	0	21.92	21.96	21.95	23	1
10	QPSK	25	12	21.86	21.85	21.82		
10	QPSK	25	25	21.88	21.94	21.90		
10	QPSK	50	0	21.87	21.91	21.87		
10	16QAM	1	0	21.83	21.86	21.82	23	1
10	16QAM	1	25	21.84	21.82	21.73		
10	16QAM	1	49	21.77	21.88	21.81		
10	16QAM	25	0	20.93	20.94	21.00	22	2
10	16QAM	25	12	20.90	20.80	20.86		
10	16QAM	25	25	20.92	20.94	20.87		
10	16QAM	50	0	20.88	20.95	20.85		
10	64QAM	1	0	20.88	20.89	20.83	22	2
10	64QAM	1	25	20.85	20.79	20.70		
10	64QAM	1	49	20.78	20.86	20.87		
10	64QAM	25	0	19.87	19.97	19.98	21	3
10	64QAM	25	12	19.89	19.83	19.79		
10	64QAM	25	25	19.94	19.89	19.88		
10	64QAM	50	0	19.84	19.88	19.92		
10	256QAM	1	0	17.97	17.94	17.91	19	5
10	256QAM	1	25	17.83	17.89	17.81		
10	256QAM	1	49	17.84	17.90	17.91		
10	256QAM	25	0	17.82	17.88	17.87	19	5
10	256QAM	25	12	17.86	17.87	17.85		
10	256QAM	25	25	17.85	17.83	17.74		
10	256QAM	50	0	17.76	17.89	17.85		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.06	23.07	23.03	24	0
5	QPSK	1	12	22.95	22.95	22.94		
5	QPSK	1	24	22.92	22.94	22.92		
5	QPSK	12	0	21.80	21.94	21.91	23	1
5	QPSK	12	7	21.80	21.75	21.70		
5	QPSK	12	13	21.74	21.90	21.85		
5	QPSK	25	0	21.76	21.85	21.74		
5	16QAM	1	0	21.76	21.82	21.77	23	1
5	16QAM	1	12	21.80	21.75	21.61		
5	16QAM	1	24	21.64	21.81	21.75		
5	16QAM	12	0	20.85	20.86	20.97	22	2
5	16QAM	12	7	20.77	20.77	20.83		
5	16QAM	12	13	20.90	20.87	20.83		
5	16QAM	25	0	20.82	20.87	20.71		
5	64QAM	1	0	20.75	20.80	20.76	22	2
5	64QAM	1	12	20.79	20.67	20.56		
5	64QAM	1	24	20.69	20.76	20.80		
5	64QAM	12	0	19.82	19.88	19.94	21	3
5	64QAM	12	7	19.87	19.76	19.65		
5	64QAM	12	13	19.83	19.84	19.81		
5	64QAM	25	0	19.73	19.77	19.80		
5	256QAM	1	0	17.87	17.84	17.80	19	5
5	256QAM	1	12	17.75	17.82	17.69		
5	256QAM	1	24	17.77	17.77	17.86		
5	256QAM	12	0	17.77	17.85	17.81	19	5
5	256QAM	12	7	17.77	17.81	17.71		
5	256QAM	12	13	17.80	17.75	17.60		
5	256QAM	25	0	17.63	17.85	17.80		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.98	23.02	23.03	24	0
3	QPSK	1	8	22.85	22.95	22.96		
3	QPSK	1	14	22.99	22.97	22.93		
3	QPSK	8	0	21.88	21.87	21.84	23	1
3	QPSK	8	4	21.81	21.80	21.75		
3	QPSK	8	7	21.81	21.84	21.86		
3	QPSK	15	0	21.77	21.79	21.75		
3	16QAM	1	0	21.72	21.72	21.79	23	1
3	16QAM	1	8	21.77	21.68	21.68		
3	16QAM	1	14	21.67	21.79	21.67		
3	16QAM	8	0	20.87	20.89	20.89	22	2
3	16QAM	8	4	20.86	20.73	20.78		
3	16QAM	8	7	20.82	20.80	20.80		
3	16QAM	15	0	20.79	20.85	20.78		
3	64QAM	1	0	20.83	20.86	20.77	22	2
3	64QAM	1	8	20.73	20.66	20.64		
3	64QAM	1	14	20.71	20.76	20.82		
3	64QAM	8	0	19.80	19.83	19.85	21	3
3	64QAM	8	4	19.81	19.75	19.76		
3	64QAM	8	7	19.88	19.80	19.81		
3	64QAM	15	0	19.76	19.81	19.79		
3	256QAM	1	0	17.92	17.85	17.79	19	5
3	256QAM	1	8	17.71	17.85	17.72		
3	256QAM	1	14	17.76	17.80	17.85		
3	256QAM	8	0	17.79	17.82	17.80	19	5
3	256QAM	8	4	17.83	17.77	17.75		
3	256QAM	8	7	17.77	17.72	17.70		
3	256QAM	15	0	17.72	17.80	17.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.99	23.10	23.03	24	0
1.4	QPSK	1	3	22.86	22.98	22.91		
1.4	QPSK	1	5	22.94	22.94	22.93		
1.4	QPSK	3	0	22.86	23.06	23.00		
1.4	QPSK	3	1	22.80	22.94	22.84		
1.4	QPSK	3	3	22.87	22.83	22.86		
1.4	QPSK	6	0	21.80	21.83	21.77	23	1
1.4	16QAM	1	0	21.76	21.77	21.72	23	1
1.4	16QAM	1	3	21.75	21.79	21.68		
1.4	16QAM	1	5	21.74	21.81	21.74		
1.4	16QAM	3	0	21.70	21.80	21.68		
1.4	16QAM	3	1	21.67	21.72	21.63		
1.4	16QAM	3	3	21.70	21.75	21.58		
1.4	16QAM	6	0	20.86	20.87	20.79	22	2
1.4	64QAM	1	0	20.84	20.81	20.77	22	2
1.4	64QAM	1	3	20.72	20.69	20.67		
1.4	64QAM	1	5	20.72	20.79	20.73		
1.4	64QAM	3	0	20.75	20.81	20.67		
1.4	64QAM	3	1	20.73	20.69	20.75		
1.4	64QAM	3	3	20.64	20.56	20.61		
1.4	64QAM	6	0	19.81	19.76	19.90	21	3
1.4	256QAM	1	0	17.91	17.85	17.80	19	5
1.4	256QAM	1	3	17.73	17.87	17.74		
1.4	256QAM	1	5	17.71	17.88	17.85		
1.4	256QAM	3	0	17.72	17.84	17.81		
1.4	256QAM	3	1	17.75	17.77	17.80		
1.4	256QAM	3	3	17.82	17.73	17.62		
1.4	256QAM	6	0	17.68	17.76	17.72	19	5

Band 17 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.05	23.10	23.06	24	0
10	QPSK	1	25	22.89	22.96	22.98		
10	QPSK	1	49	22.95	22.92	23.01		
10	QPSK	25	0	21.81	21.87	21.86	23	1
10	QPSK	25	12	21.80	21.79	21.79		
10	QPSK	25	25	21.83	21.84	21.79		
10	QPSK	50	0	21.84	21.85	21.84		
10	16QAM	1	0	21.75	21.80	21.72	23	1
10	16QAM	1	25	21.82	21.76	21.61		
10	16QAM	1	49	21.75	21.84	21.78		
10	16QAM	25	0	20.91	20.92	20.98	22	2
10	16QAM	25	12	20.89	20.73	20.81		
10	16QAM	25	25	20.85	20.88	20.83		
10	16QAM	50	0	20.82	20.83	20.82		
10	64QAM	1	0	20.76	20.85	20.80	22	2
10	64QAM	1	25	20.79	20.78	20.60		
10	64QAM	1	49	20.68	20.82	20.77		
10	64QAM	25	0	19.86	19.92	19.97	21	3
10	64QAM	25	12	19.82	19.78	19.78		
10	64QAM	25	25	19.85	19.85	19.85		
10	64QAM	50	0	19.74	19.82	19.88		
10	256QAM	1	0	17.85	17.87	17.81	19	5
10	256QAM	1	25	17.71	17.88	17.73		
10	256QAM	1	49	17.77	17.84	17.87		
10	256QAM	25	0	17.71	17.86	17.75	19	5
10	256QAM	25	12	17.82	17.86	17.74		
10	256QAM	25	25	17.75	17.73	17.70		
10	256QAM	50	0	17.72	17.84	17.82		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.93	23.01	23.03	24	0
5	QPSK	1	12	22.79	22.90	22.90		
5	QPSK	1	24	22.85	22.86	22.90		
5	QPSK	12	0	21.75	21.75	21.79	23	1
5	QPSK	12	7	21.69	21.67	21.75		
5	QPSK	12	13	21.72	21.84	21.69		
5	QPSK	25	0	21.80	21.85	21.76		
5	16QAM	1	0	21.74	21.77	21.63	23	1
5	16QAM	1	12	21.76	21.65	21.52		
5	16QAM	1	24	21.68	21.83	21.76		
5	16QAM	12	0	20.84	20.84	20.97	22	2
5	16QAM	12	7	20.83	20.71	20.80		
5	16QAM	12	13	20.78	20.85	20.78		
5	16QAM	25	0	20.74	20.75	20.80		
5	64QAM	1	0	20.67	20.79	20.72	22	2
5	64QAM	1	12	20.77	20.71	20.49		
5	64QAM	1	24	20.56	20.73	20.76		
5	64QAM	12	0	19.75	19.89	19.87	21	3
5	64QAM	12	7	19.74	19.69	19.72		
5	64QAM	12	13	19.81	19.73	19.80		
5	64QAM	25	0	19.73	19.75	19.87		
5	256QAM	1	0	17.76	17.76	17.69	19	5
5	256QAM	1	12	17.66	17.83	17.71		
5	256QAM	1	24	17.73	17.79	17.84		
5	256QAM	12	0	17.69	17.75	17.68	19	5
5	256QAM	12	7	17.80	17.80	17.68		
5	256QAM	12	13	17.69	17.72	17.67		
5	256QAM	25	0	17.69	17.75	17.74		

Band 26 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.12	23.15	23.08	24	0
15	QPSK	1	37	22.99	23.09	23.04		
15	QPSK	1	74	23.08	23.12	22.95		
15	QPSK	36	0	22.06	22.10	22.08	23	1
15	QPSK	36	20	21.96	22.02	21.97		
15	QPSK	36	39	21.99	22.03	21.98		
15	QPSK	75	0	22.02	22.06	22.03		
15	16QAM	1	0	21.98	22.03	21.98	23	1
15	16QAM	1	37	21.87	21.98	21.85		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	21.11	21.07	21.04	22	2
15	16QAM	36	20	20.91	21.00	20.95		
15	16QAM	36	39	20.95	21.09	20.96		
15	16QAM	75	0	21.01	21.12	21.06		
15	64QAM	1	0	20.93	21.08	20.93	22	2
15	64QAM	1	37	20.88	20.92	20.80		
15	64QAM	1	74	20.87	20.97	20.88		
15	64QAM	36	0	20.04	20.07	20.03	21	3
15	64QAM	36	20	20.01	20.07	20.03		
15	64QAM	36	39	19.98	20.08	19.97		
15	64QAM	75	0	20.01	20.04	20.05		
15	256QAM	1	0	18.05	18.04	18.06	19	5
15	256QAM	1	37	18.02	18.01	17.99		
15	256QAM	1	74	18.01	18.09	17.92		
15	256QAM	36	0	18.07	18.02	18.04	19	5
15	256QAM	36	20	17.95	18.04	18.03		
15	256QAM	36	39	17.85	17.95	17.91		
15	256QAM	75	0	17.91	18.01	17.81		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.99	23.05	23.03	24	0
10	QPSK	1	25	22.90	23.05	22.99		
10	QPSK	1	49	23.01	23.05	22.83		
10	QPSK	25	0	21.99	22.02	21.97	23	1
10	QPSK	25	12	21.85	21.88	21.89		
10	QPSK	25	25	21.89	21.95	21.90		
10	QPSK	50	0	21.97	21.95	21.95		
10	16QAM	1	0	21.92	21.98	21.93	23	1
10	16QAM	1	25	21.84	21.86	21.74		
10	16QAM	1	49	21.85	21.89	21.78		
10	16QAM	25	0	21.03	21.04	20.96	22	2
10	16QAM	25	12	20.77	20.88	20.83		
10	16QAM	25	25	20.87	20.96	20.94		
10	16QAM	50	0	20.97	21.05	21.03		
10	64QAM	1	0	20.87	21.00	20.85	22	2
10	64QAM	1	25	20.76	20.89	20.74		
10	64QAM	1	49	20.84	20.85	20.74		
10	64QAM	25	0	19.95	19.95	19.95	21	3
10	64QAM	25	12	19.89	20.01	19.91		
10	64QAM	25	25	19.85	19.97	19.92		
10	64QAM	50	0	19.99	19.95	20.03		
10	256QAM	1	0	17.93	17.91	17.93	19	5
10	256QAM	1	25	17.91	17.90	17.85		
10	256QAM	1	49	17.97	18.00	17.79		
10	256QAM	25	0	17.98	17.94	17.94	19	5
10	256QAM	25	12	17.81	18.02	17.90		
10	256QAM	25	25	17.83	17.91	17.78		
10	256QAM	50	0	17.80	17.93	17.75		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.00	23.09	23.04	24	0
5	QPSK	1	12	22.96	23.03	22.96		
5	QPSK	1	24	22.96	22.99	22.84		
5	QPSK	12	0	22.03	22.02	21.99	23	1
5	QPSK	12	7	21.86	21.93	21.92		
5	QPSK	12	13	21.96	21.93	21.88		
5	QPSK	25	0	21.88	21.96	21.91		
5	16QAM	1	0	21.86	21.93	21.88	23	1
5	16QAM	1	12	21.75	21.92	21.74		
5	16QAM	1	24	21.83	21.85	21.83		
5	16QAM	12	0	21.06	20.97	20.95	22	2
5	16QAM	12	7	20.89	20.87	20.87		
5	16QAM	12	13	20.89	20.98	20.87		
5	16QAM	25	0	20.95	21.01	20.96		
5	64QAM	1	0	20.90	21.03	20.89	22	2
5	64QAM	1	12	20.83	20.83	20.68		
5	64QAM	1	24	20.75	20.92	20.83		
5	64QAM	12	0	19.99	19.95	20.01	21	3
5	64QAM	12	7	19.89	20.05	20.00		
5	64QAM	12	13	19.91	19.96	19.86		
5	64QAM	25	0	19.93	19.94	19.92		
5	256QAM	1	0	17.92	18.01	17.99	19	5
5	256QAM	1	12	17.95	17.92	17.96		
5	256QAM	1	24	17.94	18.04	17.89		
5	256QAM	12	0	17.94	17.97	17.95	19	5
5	256QAM	12	7	17.85	17.98	18.00		
5	256QAM	12	13	17.72	17.85	17.84		
5	256QAM	25	0	17.84	17.95	17.70		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.03	23.08	22.99	24	0
3	QPSK	1	8	22.93	23.03	22.91		
3	QPSK	1	14	23.06	23.09	22.90		
3	QPSK	8	0	22.02	22.01	21.97	23	1
3	QPSK	8	4	21.82	21.95	21.92		
3	QPSK	8	7	21.85	22.01	21.87		
3	QPSK	15	0	21.95	21.95	22.00		
3	16QAM	1	0	21.87	21.90	21.91	23	1
3	16QAM	1	8	21.85	21.88	21.77		
3	16QAM	1	14	21.77	21.90	21.76		
3	16QAM	8	0	21.01	20.93	20.94	22	2
3	16QAM	8	4	20.88	20.89	20.87		
3	16QAM	8	7	20.91	21.06	20.83		
3	16QAM	15	0	20.94	21.07	20.93		
3	64QAM	1	0	20.80	21.04	20.81	22	2
3	64QAM	1	8	20.76	20.81	20.75		
3	64QAM	1	14	20.82	20.86	20.74		
3	64QAM	8	0	19.96	20.02	19.98	21	3
3	64QAM	8	4	19.89	19.95	19.97		
3	64QAM	8	7	19.91	19.98	19.94		
3	64QAM	15	0	19.87	19.95	19.92		
3	256QAM	1	0	17.97	17.91	18.02	19	5
3	256QAM	1	8	18.00	17.96	17.95		
3	256QAM	1	14	17.90	18.01	17.84		
3	256QAM	8	0	18.00	17.90	17.94	19	5
3	256QAM	8	4	17.87	18.01	17.95		
3	256QAM	8	7	17.76	17.92	17.89		
3	256QAM	15	0	17.80	17.88	17.68		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.09	23.03	22.98	24	0
1.4	QPSK	1	3	22.87	23.07	23.01		
1.4	QPSK	1	5	23.01	23.07	22.91		
1.4	QPSK	3	0	23.03	23.01	22.90		
1.4	QPSK	3	1	22.81	23.05	22.92		
1.4	QPSK	3	3	22.91	22.99	22.86		
1.4	QPSK	6	0	21.89	22.00	22.00	23	1
1.4	16QAM	1	0	21.94	22.00	21.90	23	1
1.4	16QAM	1	3	21.75	21.91	21.83		
1.4	16QAM	1	5	21.87	21.87	21.75		
1.4	16QAM	3	0	21.77	21.90	21.87		
1.4	16QAM	3	1	21.85	21.89	21.84		
1.4	16QAM	3	3	21.65	21.83	21.71		
1.4	16QAM	6	0	20.88	21.07	21.01	22	2
1.4	64QAM	1	0	20.82	20.97	20.88	22	2
1.4	64QAM	1	3	20.82	20.86	20.67		
1.4	64QAM	1	5	20.74	20.94	20.83		
1.4	64QAM	3	0	20.77	20.99	20.89		
1.4	64QAM	3	1	20.74	20.95	20.78		
1.4	64QAM	3	3	20.79	20.73	20.59		
1.4	64QAM	6	0	19.87	19.97	19.99	21	3
1.4	256QAM	1	0	18.03	17.91	17.94	19	5
1.4	256QAM	1	3	17.92	17.89	17.87		
1.4	256QAM	1	5	17.95	18.01	17.82		
1.4	256QAM	3	0	18.02	17.93	18.02		
1.4	256QAM	3	1	17.92	17.93	17.95		
1.4	256QAM	3	3	17.72	17.84	17.77		
1.4	256QAM	6	0	17.81	17.94	17.69	19	5

GSM850 Ant 1 ECI9	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI9			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	16.89	16.92	16.85	18.30	17.85	17.88	17.86	19.10	24.19	24.25	24.13	25.00

Band 2 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.24	18.30	18.26	19.5	0

Band 4 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.46	18.52	18.48	19.8	0

Band 66 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.55	18.60	18.58	19.8	0

Band 7 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.18	20.25	20.21	21.5	0

Band 38 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.64	19.66	19.62	20.9	0

Band 41 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.64	19.63	19.70	19.66	19.68	20.9	0

Band 41 HPUE Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.93	20.98	21.00	20.95	20.96	22.5	0

Band 5 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.56	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM 1900 Ant 2 ECI9	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	16.60	16.62	16.58	17.90	13.60	13.62	13.58	14.90

Band		WCDMA II Ant 2 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	13.50	13.55	13.48	14.90	13.36	13.39	13.33	14.50

Band 2 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	11.80	11.85	11.79	13.1	0

Band 4 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	9.95	9.98	9.92	11.3	0

Band 66 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	9.98	10.01	9.95	11.3	0

Band 7 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.52	13.56	13.55	15	0

Band 38 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.42	16.48	16.44	17.3	0

Band 41 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.48	16.54	16.55	16.50	16.52	17.3	0

Band 41 HPUE Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.76	17.77	17.84	17.82	17.80	18.9	0

Band		WCDMA II Ant 3 ECI9			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI9			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	15.80	15.85	15.81	17.30	14.51	14.56	14.50	15.90

Band 2 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.91	16.92	16.89	18.1	0

Band 4 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.08	17.15	17.10	18.3	0

Band 66 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.15	17.19	17.17	18.3	0

Band 7 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.70	13.74	13.66	15.2	0

Band 38 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.94	15.99	15.96	16.9	0

Band 41 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.05	16.01	16.08	16.00	15.98	16.9	0

Band 41 HPUE Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.19	17.15	17.22	17.20	17.18	18.5	0

Band 42 Part 27Q Ant 4 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.18	14.22	14.16	15.3	0
20	QPSK	1	49	14.15	14.13	14.06		
20	QPSK	1	99	14.09	14.19	14.09		
20	QPSK	50	0	14.12	14.20	14.10	15.3	0
20	QPSK	50	24	14.09	14.10	14.14		
20	QPSK	50	50	14.13	14.16	14.03		
20	QPSK	100	0	14.14	14.17	14.09		
20	16QAM	1	0	14.04	14.16	14.09	15.3	0
20	16QAM	1	49	14.13	14.04	13.94		
20	16QAM	1	99	14.03	14.07	14.06		
20	16QAM	50	0	14.09	14.13	14.03	15.3	0
20	16QAM	50	24	13.96	14.01	14.02		
20	16QAM	50	50	14.07	14.06	13.92		
20	16QAM	100	0	14.06	14.10	13.98		
20	64QAM	1	0	14.07	14.12	14.03	15.3	0
20	64QAM	1	49	14.11	14.08	14.02		
20	64QAM	1	99	13.99	14.12	14.04		
20	64QAM	50	0	14.05	14.15	14.07	15.3	0
20	64QAM	50	24	14.03	14.07	14.00		
20	64QAM	50	50	14.08	14.04	13.96		
20	64QAM	100	0	14.08	14.06	14.07		
20	256QAM	1	0	14.14	14.11	14.11	15.3	0
20	256QAM	1	49	14.11	14.08	13.94		
20	256QAM	1	99	14.06	14.10	14.00		
20	256QAM	50	0	14.01	14.15	14.03	15.3	0
20	256QAM	50	24	14.04	13.98	14.00		
20	256QAM	50	50	14.03	14.13	13.94		
20	256QAM	100	0	14.02	14.05	13.97		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.05	14.16	14.04	15.3	0
15	QPSK	1	37	14.06	14.02	13.94		
15	QPSK	1	74	14.02	14.11	13.98		
15	QPSK	36	0	14.01	14.07	14.08	15.3	0
15	QPSK	36	20	13.99	14.05	14.01		
15	QPSK	36	39	14.08	14.02	13.90		
15	QPSK	75	0	14.09	14.06	14.04		
15	16QAM	1	0	13.96	14.07	14.01	15.3	0
15	16QAM	1	37	14.02	13.92	13.85		
15	16QAM	1	74	13.93	14.02	13.97		
15	16QAM	36	0	14.00	14.01	13.96	15.3	0
15	16QAM	36	20	13.89	13.99	13.92		
15	16QAM	36	39	13.97	14.03	13.87		
15	16QAM	75	0	13.95	13.96	13.92		
15	64QAM	1	0	13.99	14.02	13.95	15.3	0
15	64QAM	1	37	14.04	13.96	13.88		
15	64QAM	1	74	13.86	14.02	14.00		
15	64QAM	36	0	14.01	14.10	14.00	15.3	0
15	64QAM	36	20	13.92	13.97	13.97		
15	64QAM	36	39	14.06	13.92	13.88		
15	64QAM	75	0	14.06	14.04	14.03		
15	256QAM	1	0	14.09	14.06	13.97	15.3	0
15	256QAM	1	37	13.98	13.97	13.92		
15	256QAM	1	74	13.98	13.97	13.97		
15	256QAM	36	0	13.88	14.07	13.90	15.3	0
15	256QAM	36	20	13.93	13.94	13.95		
15	256QAM	36	39	13.91	14.00	13.89		
15	256QAM	75	0	13.94	13.97	13.94		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.13	14.18	14.12	15.3	0
10	QPSK	1	25	14.06	14.05	14.02		
10	QPSK	1	49	14.04	14.17	13.98		
10	QPSK	25	0	14.01	14.18	14.01	15.3	0
10	QPSK	25	12	14.01	14.01	14.07		
10	QPSK	25	25	14.03	14.03	13.91		
10	QPSK	50	0	14.02	14.04	13.99	15.3	0
10	16QAM	1	0	13.99	14.03	14.04		
10	16QAM	1	25	14.04	13.94	13.83		
10	16QAM	1	49	14.00	13.96	14.03		
10	16QAM	25	0	13.97	14.10	13.93	15.3	0
10	16QAM	25	12	13.83	13.93	13.96		
10	16QAM	25	25	14.04	13.98	13.82		
10	16QAM	50	0	13.96	14.06	13.94		
10	64QAM	1	0	13.96	14.06	13.92	15.3	0
10	64QAM	1	25	14.04	14.01	13.94		
10	64QAM	1	49	13.92	14.01	14.02		
10	64QAM	25	0	13.99	14.12	14.04	15.3	0
10	64QAM	25	12	13.98	13.99	13.92		
10	64QAM	25	25	13.97	13.95	13.89		
10	64QAM	50	0	14.03	13.96	14.04		
10	256QAM	1	0	14.06	14.00	14.08	15.3	0
10	256QAM	1	25	14.09	14.04	13.84		
10	256QAM	1	49	13.93	14.03	13.94		
10	256QAM	25	0	13.90	14.01	13.96	15.3	0
10	256QAM	25	12	13.91	13.93	13.92		
10	256QAM	25	25	13.94	14.02	13.91		
10	256QAM	50	0	13.97	13.92	13.92		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.12	14.20	14.09	15.3	0
5	QPSK	1	12	14.06	14.05	14.02		
5	QPSK	1	24	14.01	14.14	13.99		
5	QPSK	12	0	14.04	14.16	13.97	15.3	0
5	QPSK	12	7	14.02	13.97	14.02		
5	QPSK	12	13	14.00	14.04	13.91		
5	QPSK	25	0	14.11	14.07	14.03		
5	16QAM	1	0	13.90	14.10	13.98	15.3	0
5	16QAM	1	12	14.08	13.92	13.83		
5	16QAM	1	24	13.92	13.96	14.01		
5	16QAM	12	0	14.00	14.08	13.91	15.3	0
5	16QAM	12	7	13.83	13.97	13.94		
5	16QAM	12	13	14.00	13.96	13.88		
5	16QAM	25	0	13.97	14.02	13.85		
5	64QAM	1	0	13.94	14.05	14.01	15.3	0
5	64QAM	1	12	14.07	14.02	13.92		
5	64QAM	1	24	13.88	14.10	13.96		
5	64QAM	12	0	13.97	14.09	13.97	15.3	0
5	64QAM	12	7	13.94	14.00	13.97		
5	64QAM	12	13	14.03	14.00	13.87		
5	64QAM	25	0	14.03	14.01	13.96		
5	256QAM	1	0	14.03	14.08	13.98	15.3	0
5	256QAM	1	12	13.98	13.97	13.86		
5	256QAM	1	24	13.94	13.96	13.97		
5	256QAM	12	0	13.98	14.09	13.96	15.3	0
5	256QAM	12	7	14.01	13.85	13.87		
5	256QAM	12	13	13.97	14.01	13.88		
5	256QAM	25	0	13.91	13.96	13.95		

Band 42 Part 27Q Ant 6 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.85	15.88	15.81	16.8	0
20	QPSK	1	49	15.81	15.77	15.73		
20	QPSK	1	99	15.73	15.78	15.68		
20	QPSK	50	0	15.73	15.85	15.77	16.8	0
20	QPSK	50	24	15.71	15.80	15.76		
20	QPSK	50	50	15.81	15.74	15.70		
20	QPSK	100	0	15.77	15.81	15.72		
20	16QAM	1	0	15.83	15.78	15.77	16.8	0
20	16QAM	1	49	15.70	15.73	15.64		
20	16QAM	1	99	15.61	15.71	15.64		
20	16QAM	50	0	15.64	15.76	15.70	16.8	0
20	16QAM	50	24	15.66	15.67	15.74		
20	16QAM	50	50	15.68	15.69	15.68		
20	16QAM	100	0	15.66	15.73	15.63		
20	64QAM	1	0	15.83	15.75	15.77	16.8	0
20	64QAM	1	49	15.70	15.63	15.59		
20	64QAM	1	99	15.63	15.74	15.56		
20	64QAM	50	0	15.69	15.75	15.68	16.8	0
20	64QAM	50	24	15.68	15.67	15.70		
20	64QAM	50	50	15.73	15.71	15.62		
20	64QAM	100	0	15.65	15.75	15.58		
20	256QAM	1	0	15.75	15.79	15.76	16.8	0
20	256QAM	1	49	15.69	15.63	15.64		
20	256QAM	1	99	15.64	15.70	15.59		
20	256QAM	50	0	15.60	15.77	15.63	16.8	0
20	256QAM	50	24	15.60	15.71	15.69		
20	256QAM	50	50	15.71	15.65	15.60		
20	256QAM	100	0	15.63	15.73	15.67		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	15.79	15.82	15.72	16.8	0
15	QPSK	1	37	15.75	15.74	15.68		
15	QPSK	1	74	15.68	15.71	15.62		
15	QPSK	36	0	15.61	15.79	15.64	16.8	0
15	QPSK	36	20	15.65	15.73	15.64		
15	QPSK	36	39	15.79	15.71	15.66		
15	QPSK	75	0	15.72	15.68	15.59		
15	16QAM	1	0	15.74	15.65	15.74	16.8	0
15	16QAM	1	37	15.61	15.69	15.60		
15	16QAM	1	74	15.58	15.64	15.51		
15	16QAM	36	0	15.54	15.68	15.57	16.8	0
15	16QAM	36	20	15.52	15.55	15.68		
15	16QAM	36	39	15.64	15.64	15.60		
15	16QAM	75	0	15.63	15.61	15.54		
15	64QAM	1	0	15.70	15.65	15.67	16.8	0
15	64QAM	1	37	15.64	15.56	15.53		
15	64QAM	1	74	15.59	15.67	15.43		
15	64QAM	36	0	15.59	15.69	15.59	16.8	0
15	64QAM	36	20	15.65	15.64	15.68		
15	64QAM	36	39	15.68	15.64	15.50		
15	64QAM	75	0	15.51	15.66	15.45		
15	256QAM	1	0	15.67	15.68	15.66	16.8	0
15	256QAM	1	37	15.57	15.52	15.59		
15	256QAM	1	74	15.54	15.61	15.46		
15	256QAM	36	0	15.46	15.71	15.57	16.8	0
15	256QAM	36	20	15.58	15.63	15.66		
15	256QAM	36	39	15.62	15.52	15.56		
15	256QAM	75	0	15.52	15.68	15.55		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.72	15.80	15.73	16.8	0
10	QPSK	1	25	15.73	15.75	15.68		
10	QPSK	1	49	15.65	15.69	15.58		
10	QPSK	25	0	15.65	15.73	15.66	16.8	0
10	QPSK	25	12	15.68	15.76	15.65		
10	QPSK	25	25	15.72	15.67	15.61		
10	QPSK	50	0	15.63	15.79	15.63	16.8	0
10	16QAM	1	0	15.74	15.73	15.70		
10	16QAM	1	25	15.65	15.69	15.62		
10	16QAM	1	49	15.57	15.61	15.59		
10	16QAM	25	0	15.56	15.63	15.67	16.8	0
10	16QAM	25	12	15.53	15.58	15.65		
10	16QAM	25	25	15.58	15.59	15.57		
10	16QAM	50	0	15.54	15.60	15.57		
10	64QAM	1	0	15.73	15.68	15.72	16.8	0
10	64QAM	1	25	15.57	15.54	15.55		
10	64QAM	1	49	15.53	15.71	15.52		
10	64QAM	25	0	15.58	15.63	15.66	16.8	0
10	64QAM	25	12	15.61	15.60	15.66		
10	64QAM	25	25	15.67	15.62	15.51		
10	64QAM	50	0	15.52	15.62	15.54		
10	256QAM	1	0	15.67	15.76	15.74	16.8	0
10	256QAM	1	25	15.61	15.60	15.59		
10	256QAM	1	49	15.55	15.57	15.52		
10	256QAM	25	0	15.56	15.71	15.51	16.8	0
10	256QAM	25	12	15.58	15.66	15.64		
10	256QAM	25	25	15.59	15.61	15.46		
10	256QAM	50	0	15.50	15.60	15.61		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.73	15.82	15.75	16.8	0
5	QPSK	1	12	15.79	15.68	15.67		
5	QPSK	1	24	15.64	15.73	15.54		
5	QPSK	12	0	15.65	15.73	15.65	16.8	0
5	QPSK	12	7	15.61	15.76	15.71		
5	QPSK	12	13	15.73	15.71	15.67		
5	QPSK	25	0	15.72	15.76	15.58		
5	16QAM	1	0	15.77	15.66	15.73	16.8	0
5	16QAM	1	12	15.59	15.59	15.50		
5	16QAM	1	24	15.54	15.63	15.54		
5	16QAM	12	0	15.58	15.64	15.63	16.8	0
5	16QAM	12	7	15.56	15.60	15.68		
5	16QAM	12	13	15.61	15.63	15.63		
5	16QAM	25	0	15.54	15.68	15.58		
5	64QAM	1	0	15.73	15.67	15.73	16.8	0
5	64QAM	1	12	15.63	15.58	15.54		
5	64QAM	1	24	15.53	15.61	15.54		
5	64QAM	12	0	15.63	15.62	15.63	16.8	0
5	64QAM	12	7	15.64	15.53	15.66		
5	64QAM	12	13	15.65	15.61	15.50		
5	64QAM	25	0	15.56	15.66	15.47		
5	256QAM	1	0	15.72	15.75	15.66	16.8	0
5	256QAM	1	12	15.64	15.57	15.57		
5	256QAM	1	24	15.53	15.60	15.52		
5	256QAM	12	0	15.48	15.67	15.55	16.8	0
5	256QAM	12	7	15.48	15.68	15.56		
5	256QAM	12	13	15.66	15.63	15.49		
5	256QAM	25	0	15.52	15.65	15.57		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	13.40	13.46	13.42	14.5	0
20	QPSK	1	49	13.30	13.34	13.30		
20	QPSK	1	99	13.27	13.33	13.38		
20	QPSK	50	0	13.31	13.43	13.38	14.5	0
20	QPSK	50	24	13.27	13.42	13.35		
20	QPSK	50	50	13.37	13.38	13.39		
20	QPSK	100	0	13.33	13.38	13.30		
20	16QAM	1	0	13.27	13.32	13.37	14.5	0
20	16QAM	1	49	13.17	13.28	13.18		
20	16QAM	1	99	13.20	13.20	13.31		
20	16QAM	50	0	13.21	13.30	13.27	14.5	0
20	16QAM	50	24	13.14	13.31	13.28		
20	16QAM	50	50	13.27	13.33	13.29		
20	16QAM	100	0	13.24	13.27	13.21		
20	64QAM	1	0	13.32	13.36	13.36	14.5	0
20	64QAM	1	49	13.24	13.22	13.19		
20	64QAM	1	99	13.21	13.29	13.34		
20	64QAM	50	0	13.19	13.39	13.26	14.5	0
20	64QAM	50	24	13.24	13.37	13.24		
20	64QAM	50	50	13.24	13.31	13.26		
20	64QAM	100	0	13.23	13.35	13.26		
20	256QAM	1	0	13.34	13.35	13.37	14.5	0
20	256QAM	1	49	13.16	13.25	13.21		
20	256QAM	1	99	13.19	13.30	13.28		
20	256QAM	50	0	13.24	13.35	13.31	14.5	0
20	256QAM	50	24	13.21	13.29	13.26		
20	256QAM	50	50	13.29	13.26	13.27		
20	256QAM	100	0	13.22	13.32	13.26		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.31	13.39	13.29	14.5	0
15	QPSK	1	37	13.17	13.27	13.17		
15	QPSK	1	74	13.21	13.24	13.31		
15	QPSK	36	0	13.26	13.33	13.25	14.5	0
15	QPSK	36	20	13.13	13.38	13.26		
15	QPSK	36	39	13.29	13.28	13.37		
15	QPSK	75	0	13.20	13.30	13.26		
15	16QAM	1	0	13.21	13.27	13.28	14.5	0
15	16QAM	1	37	13.09	13.20	13.14		
15	16QAM	1	74	13.07	13.17	13.17		
15	16QAM	36	0	13.08	13.23	13.17	14.5	0
15	16QAM	36	20	13.02	13.22	13.16		
15	16QAM	36	39	13.16	13.28	13.15		
15	16QAM	75	0	13.17	13.13	13.08		
15	64QAM	1	0	13.28	13.25	13.28	14.5	0
15	64QAM	1	37	13.13	13.13	13.07		
15	64QAM	1	74	13.11	13.21	13.22		
15	64QAM	36	0	13.13	13.34	13.21	14.5	0
15	64QAM	36	20	13.18	13.28	13.20		
15	64QAM	36	39	13.11	13.28	13.19		
15	64QAM	75	0	13.13	13.31	13.18		
15	256QAM	1	0	13.28	13.21	13.30	14.5	0
15	256QAM	1	37	13.10	13.23	13.14		
15	256QAM	1	74	13.09	13.20	13.16		
15	256QAM	36	0	13.10	13.27	13.29	14.5	0
15	256QAM	36	20	13.09	13.25	13.13		
15	256QAM	36	39	13.25	13.14	13.16		
15	256QAM	75	0	13.14	13.23	13.21		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	13.35	13.35	13.37	14.5	0
10	QPSK	1	25	13.19	13.32	13.18		
10	QPSK	1	49	13.17	13.25	13.32		
10	QPSK	25	0	13.26	13.36	13.31	14.5	0
10	QPSK	25	12	13.21	13.38	13.29		
10	QPSK	25	25	13.30	13.28	13.28		
10	QPSK	50	0	13.22	13.34	13.23		
10	16QAM	1	0	13.17	13.28	13.27	14.5	0
10	16QAM	1	25	13.14	13.23	13.09		
10	16QAM	1	49	13.14	13.07	13.28		
10	16QAM	25	0	13.13	13.16	13.13	14.5	0
10	16QAM	25	12	13.01	13.23	13.17		
10	16QAM	25	25	13.20	13.25	13.25		
10	16QAM	50	0	13.15	13.24	13.14		
10	64QAM	1	0	13.27	13.23	13.31	14.5	0
10	64QAM	1	25	13.18	13.16	13.14		
10	64QAM	1	49	13.16	13.16	13.20		
10	64QAM	25	0	13.14	13.35	13.17	14.5	0
10	64QAM	25	12	13.13	13.25	13.12		
10	64QAM	25	25	13.17	13.27	13.14		
10	64QAM	50	0	13.14	13.22	13.20		
10	256QAM	1	0	13.20	13.21	13.33	14.5	0
10	256QAM	1	25	13.11	13.22	13.12		
10	256QAM	1	49	13.10	13.28	13.14		
10	256QAM	25	0	13.14	13.28	13.17	14.5	0
10	256QAM	25	12	13.12	13.17	13.12		
10	256QAM	25	25	13.21	13.13	13.14		
10	256QAM	50	0	13.13	13.18	13.22		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	13.38	13.43	13.37	14.5	0
5	QPSK	1	12	13.25	13.25	13.23		
5	QPSK	1	24	13.17	13.26	13.35		
5	QPSK	12	0	13.24	13.33	13.35	14.5	0
5	QPSK	12	7	13.19	13.32	13.29		
5	QPSK	12	13	13.31	13.29	13.37		
5	QPSK	25	0	13.24	13.34	13.27		
5	16QAM	1	0	13.21	13.26	13.24	14.5	0
5	16QAM	1	12	13.05	13.22	13.05		
5	16QAM	1	24	13.15	13.09	13.23		
5	16QAM	12	0	13.17	13.18	13.20	14.5	0
5	16QAM	12	7	13.01	13.21	13.19		
5	16QAM	12	13	13.16	13.20	13.16		
5	16QAM	25	0	13.15	13.21	13.15		
5	64QAM	1	0	13.22	13.30	13.27	14.5	0
5	64QAM	1	12	13.17	13.15	13.10		
5	64QAM	1	24	13.11	13.24	13.27		
5	64QAM	12	0	13.07	13.27	13.22	14.5	0
5	64QAM	12	7	13.19	13.35	13.12		
5	64QAM	12	13	13.17	13.24	13.15		
5	64QAM	25	0	13.17	13.29	13.16		
5	256QAM	1	0	13.30	13.23	13.30	14.5	0
5	256QAM	1	12	13.09	13.20	13.09		
5	256QAM	1	24	13.06	13.23	13.15		
5	256QAM	12	0	13.20	13.26	13.25	14.5	0
5	256QAM	12	7	13.09	13.18	13.13		
5	256QAM	12	13	13.22	13.13	13.19		
5	256QAM	25	0	13.18	13.24	13.23		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.51	20.56	20.48	21.6	0
20	QPSK	1	49	20.42	20.44	20.38		
20	QPSK	1	99	20.41	20.43	20.35		
20	QPSK	50	0	20.43	20.52	20.35	21.6	0
20	QPSK	50	24	20.42	20.45	20.39		
20	QPSK	50	50	20.43	20.45	20.37		
20	QPSK	100	0	20.42	20.50	20.37		
20	16QAM	1	0	20.38	20.48	20.39	21.6	0
20	16QAM	1	49	20.35	20.33	20.30		
20	16QAM	1	99	20.31	20.33	20.32		
20	16QAM	50	0	20.39	20.44	20.28	21.6	0
20	16QAM	50	24	20.29	20.34	20.28		
20	16QAM	50	50	20.33	20.32	20.31		
20	16QAM	100	0	20.34	20.42	20.27		
20	64QAM	1	0	20.39	20.44	20.44	21.6	0
20	64QAM	1	49	20.37	20.40	20.36		
20	64QAM	1	99	20.27	20.37	20.28		
20	64QAM	50	0	19.91	19.96	19.82	21	0.6
20	64QAM	50	24	19.78	19.87	19.72		
20	64QAM	50	50	19.83	19.79	19.81		
20	64QAM	100	0	19.80	19.90	19.77		
20	256QAM	1	0	17.88	17.96	17.93	19	2.6
20	256QAM	1	49	17.86	17.83	17.74		
20	256QAM	1	99	17.87	17.78	17.78		
20	256QAM	50	0	17.89	17.88	17.80	19	2.6
20	256QAM	50	24	17.86	17.81	17.76		
20	256QAM	50	50	17.87	17.84	17.75		
20	256QAM	100	0	17.85	17.86	17.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.39	20.51	20.41	21.6	0
15	QPSK	1	37	20.40	20.40	20.28		
15	QPSK	1	74	20.28	20.33	20.29		
15	QPSK	36	0	20.36	20.40	20.26	21.6	0
15	QPSK	36	20	20.28	20.39	20.33		
15	QPSK	36	39	20.33	20.31	20.28		
15	QPSK	75	0	20.37	20.46	20.33		
15	16QAM	1	0	20.26	20.38	20.32	21.6	0
15	16QAM	1	37	20.27	20.26	20.21		
15	16QAM	1	74	20.25	20.19	20.18		
15	16QAM	36	0	20.36	20.33	20.23	21.6	0
15	16QAM	36	20	20.19	20.22	20.24		
15	16QAM	36	39	20.25	20.29	20.28		
15	16QAM	75	0	20.30	20.32	20.15		
15	64QAM	1	0	20.31	20.32	20.30	21.6	0
15	64QAM	1	37	20.34	20.31	20.31		
15	64QAM	1	74	20.15	20.31	20.22		
15	64QAM	36	0	19.87	19.91	19.70	21	0.6
15	64QAM	36	20	19.72	19.82	19.69		
15	64QAM	36	39	19.73	19.69	19.78		
15	64QAM	75	0	19.68	19.81	19.64		
15	256QAM	1	0	17.76	17.86	17.79	19	2.6
15	256QAM	1	37	17.75	17.75	17.70		
15	256QAM	1	74	17.78	17.74	17.65		
15	256QAM	36	0	17.82	17.79	17.71	19	2.6
15	256QAM	36	20	17.77	17.72	17.64		
15	256QAM	36	39	17.78	17.81	17.66		
15	256QAM	75	0	17.83	17.73	17.77		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.47	20.45	20.37	21.6	0
10	QPSK	1	25	20.38	20.35	20.31		
10	QPSK	1	49	20.36	20.33	20.31		
10	QPSK	25	0	20.40	20.49	20.31	21.6	0
10	QPSK	25	12	20.37	20.43	20.35		
10	QPSK	25	25	20.32	20.38	20.26		
10	QPSK	50	0	20.31	20.45	20.27		
10	16QAM	1	0	20.36	20.39	20.33	21.6	0
10	16QAM	1	25	20.32	20.21	20.22		
10	16QAM	1	49	20.17	20.22	20.19		
10	16QAM	25	0	20.32	20.30	20.18	21.6	0
10	16QAM	25	12	20.22	20.26	20.19		
10	16QAM	25	25	20.23	20.30	20.24		
10	16QAM	50	0	20.27	20.29	20.18		
10	64QAM	1	0	20.32	20.39	20.34	21.6	0
10	64QAM	1	25	20.24	20.32	20.26		
10	64QAM	1	49	20.21	20.32	20.15		
10	64QAM	25	0	19.79	19.94	19.71	21	0.6
10	64QAM	25	12	19.75	19.83	19.61		
10	64QAM	25	25	19.71	19.69	19.73		
10	64QAM	50	0	19.68	19.85	19.69		
10	256QAM	1	0	17.84	17.93	17.89	19	2.6
10	256QAM	1	25	17.84	17.79	17.65		
10	256QAM	1	49	17.80	17.67	17.75		
10	256QAM	25	0	17.82	17.83	17.73	19	2.6
10	256QAM	25	12	17.73	17.76	17.64		
10	256QAM	25	25	17.77	17.74	17.70		
10	256QAM	50	0	17.74	17.83	17.68		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.44	20.50	20.36	21.6	0
5	QPSK	1	12	20.32	20.41	20.33		
5	QPSK	1	24	20.30	20.40	20.21		
5	QPSK	12	0	20.32	20.46	20.32	21.6	0
5	QPSK	12	7	20.32	20.31	20.33		
5	QPSK	12	13	20.31	20.31	20.30		
5	QPSK	25	0	20.31	20.42	20.27		
5	16QAM	1	0	20.27	20.39	20.27	21.6	0
5	16QAM	1	12	20.24	20.24	20.18		
5	16QAM	1	24	20.18	20.26	20.24		
5	16QAM	12	0	20.31	20.37	20.24	21.6	0
5	16QAM	12	7	20.16	20.21	20.25		
5	16QAM	12	13	20.25	20.29	20.19		
5	16QAM	25	0	20.28	20.33	20.17		
5	64QAM	1	0	20.37	20.30	20.36	21.6	0
5	64QAM	1	12	20.32	20.37	20.28		
5	64QAM	1	24	20.21	20.33	20.14		
5	64QAM	12	0	19.79	19.88	19.70	21	0.6
5	64QAM	12	7	19.73	19.78	19.69		
5	64QAM	12	13	19.71	19.65	19.73		
5	64QAM	25	0	19.75	19.77	19.72		
5	256QAM	1	0	17.84	17.87	17.88	19	2.6
5	256QAM	1	12	17.77	17.70	17.61		
5	256QAM	1	24	17.79	17.68	17.74		
5	256QAM	12	0	17.76	17.78	17.70	19	2.6
5	256QAM	12	7	17.78	17.74	17.69		
5	256QAM	12	13	17.82	17.77	17.68		
5	256QAM	25	0	17.75	17.80	17.74		

Reduced Power Mode for ECI 10

GSM850 Ant 0 ECI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	128	189	251		128	189	251		
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8		
GPRS 4 Tx slots	26.81	26.89	26.85	28.40	23.81	23.89	23.85	25.40	0.08

GSM1900 Ant 0 ECI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	Ch Delta > 0.5
TX Channel	512	661	810		512	661	810		
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GPRS 4 Tx slots	23.82	23.87	23.85	25.00	20.82	20.87	20.85	22.00	0.05

Band		WCDMA II Ant 0 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 0 ECI10			Tune-up Limit (dBm)	WCDMA V Ant 0 ECI10			Tune-up Limit (dBm)	WCDMA II	WCDMA IV	WCDMA V
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		Ch Delta > 0.5		
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458				
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6				
3GPP Rel 99	RMC 12.2Kbps	16.65	16.68	16.60	18.10	17.20	17.24	17.19	18.40	22.40	22.44	22.38	23.70	0.08	0.05	0.06

Band 2 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.06	18.10	18.02	19.6	0

Band 4 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.19	16.24	16.21	17.3	0

Band 66 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.25	16.28	16.22	17.3	0

Band 7 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.16	19.22	19.19	20.6	0

Band 38 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.10	22.15	22.13	22.8	0

Band 41 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.20	22.15	22.21	22.18	22.16	22.8	0

Band 41 HPUE Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.44	23.46	23.49	23.41	23.43	24.4	0

Band 5 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.88	19.96	19.94	21.1	0
10	QPSK	1	25	19.85	19.83	19.72		
10	QPSK	1	49	19.80	19.71	19.79		
10	QPSK	25	0	19.71	19.89	19.65	21.1	0
10	QPSK	25	12	19.86	19.82	19.76		
10	QPSK	25	25	19.78	19.85	19.72		
10	QPSK	50	0	19.73	19.85	19.79		
10	16QAM	1	0	19.69	19.82	19.81	21.1	0
10	16QAM	1	25	19.73	19.74	19.66		
10	16QAM	1	49	19.75	19.65	19.71		
10	16QAM	25	0	19.60	19.76	19.62	21.1	0
10	16QAM	25	12	19.82	19.71	19.75		
10	16QAM	25	25	19.61	19.68	19.70		
10	16QAM	50	0	19.61	19.61	19.72		
10	64QAM	1	0	19.66	19.74	19.75	21.1	0
10	64QAM	1	25	19.69	19.73	19.67		
10	64QAM	1	49	19.64	19.67	19.79		
10	64QAM	25	0	19.57	19.61	19.61	21	0.1
10	64QAM	25	12	19.69	19.56	19.58		
10	64QAM	25	25	19.59	19.64	19.61		
10	64QAM	50	0	19.55	19.65	19.41		
10	256QAM	1	0	17.71	17.67	17.71	19	2.1
10	256QAM	1	25	17.67	17.83	17.64		
10	256QAM	1	49	17.68	17.72	17.72		
10	256QAM	25	0	17.52	17.74	17.56	19	2.1
10	256QAM	25	12	17.74	17.73	17.65		
10	256QAM	25	25	17.61	17.77	17.68		
10	256QAM	50	0	17.49	17.62	17.64		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.77	19.91	19.87	21.1	0
5	QPSK	1	12	19.77	19.73	19.62		
5	QPSK	1	24	19.76	19.61	19.71		
5	QPSK	12	0	19.62	19.78	19.60	21.1	0
5	QPSK	12	7	19.81	19.69	19.72		
5	QPSK	12	13	19.73	19.75	19.68		
5	QPSK	25	0	19.69	19.74	19.75		
5	16QAM	1	0	19.57	19.75	19.71	21.1	0
5	16QAM	1	12	19.67	19.64	19.62		
5	16QAM	1	24	19.73	19.56	19.63		
5	16QAM	12	0	19.48	19.65	19.57	21.1	0
5	16QAM	12	7	19.69	19.60	19.71		
5	16QAM	12	13	19.59	19.63	19.63		
5	16QAM	25	0	19.53	19.50	19.66		
5	64QAM	1	0	19.62	19.63	19.62	21.1	0
5	64QAM	1	12	19.64	19.69	19.61		
5	64QAM	1	24	19.59	19.56	19.67		
5	64QAM	12	0	19.45	19.51	19.58	21	0.1
5	64QAM	12	7	19.57	19.48	19.48		
5	64QAM	12	13	19.49	19.56	19.51		
5	64QAM	25	0	19.42	19.61	19.33		
5	256QAM	1	0	17.61	17.57	17.63	19	2.1
5	256QAM	1	12	17.63	17.78	17.61		
5	256QAM	1	24	17.55	17.70	17.58		
5	256QAM	12	0	17.43	17.71	17.51	19	2.1
5	256QAM	12	7	17.62	17.62	17.58		
5	256QAM	12	13	17.50	17.70	17.57		
5	256QAM	25	0	17.39	17.48	17.55		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.81	19.92	19.89	21.1	0
3	QPSK	1	8	19.79	19.73	19.68		
3	QPSK	1	14	19.74	19.64	19.67		
3	QPSK	8	0	19.58	19.78	19.52	21.1	0
3	QPSK	8	4	19.78	19.71	19.71		
3	QPSK	8	7	19.74	19.81	19.69		
3	QPSK	15	0	19.68	19.83	19.71		
3	16QAM	1	0	19.63	19.79	19.78	21.1	0
3	16QAM	1	8	19.66	19.68	19.60		
3	16QAM	1	14	19.66	19.61	19.60		
3	16QAM	8	0	19.52	19.72	19.50	21.1	0
3	16QAM	8	4	19.75	19.65	19.63		
3	16QAM	8	7	19.50	19.58	19.64		
3	16QAM	15	0	19.50	19.57	19.66		
3	64QAM	1	0	19.53	19.70	19.69	21.1	0
3	64QAM	1	8	19.64	19.64	19.62		
3	64QAM	1	14	19.54	19.75	19.72		
3	64QAM	8	0	19.53	19.49	19.53	21	0.1
3	64QAM	8	4	19.66	19.44	19.45		
3	64QAM	8	7	19.47	19.52	19.55		
3	64QAM	15	0	19.48	19.57	19.39		
3	256QAM	1	0	17.63	17.59	17.67	19	2.1
3	256QAM	1	8	17.60	17.71	17.57		
3	256QAM	1	14	17.59	17.61	17.64		
3	256QAM	8	0	17.49	17.72	17.43	19	2.1
3	256QAM	8	4	17.68	17.61	17.62		
3	256QAM	8	7	17.57	17.74	17.65		
3	256QAM	15	0	17.37	17.57	17.55		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.77	19.89	19.87	21.1	0
1.4	QPSK	1	3	19.81	19.75	19.66		
1.4	QPSK	1	5	19.67	19.59	19.67		
1.4	QPSK	3	0	19.61	19.86	19.56		
1.4	QPSK	3	1	19.76	19.77	19.63		
1.4	QPSK	3	3	19.69	19.82	19.65		
1.4	QPSK	6	0	19.71	19.75	19.75	21.1	0
1.4	16QAM	1	0	19.61	19.68	19.76	21.1	0
1.4	16QAM	1	3	19.60	19.63	19.55		
1.4	16QAM	1	5	19.64	19.59	19.64		
1.4	16QAM	3	0	19.54	19.71	19.59		
1.4	16QAM	3	1	19.73	19.60	19.72		
1.4	16QAM	3	3	19.50	19.54	19.68		
1.4	16QAM	6	0	19.53	19.54	19.60	21.1	0
1.4	64QAM	1	0	19.61	19.61	19.68	21.1	0
1.4	64QAM	1	3	19.56	19.65	19.54		
1.4	64QAM	1	5	19.58	19.61	19.68		
1.4	64QAM	3	0	19.49	19.51	19.47		
1.4	64QAM	3	1	19.63	19.48	19.44		
1.4	64QAM	3	3	19.55	19.50	19.53		
1.4	64QAM	6	0	19.43	19.60	19.35	21	0.1
1.4	256QAM	1	0	17.60	17.55	17.60	19	2.1
1.4	256QAM	1	3	17.59	17.75	17.58		
1.4	256QAM	1	5	17.59	17.67	17.70		
1.4	256QAM	3	0	17.50	17.71	17.50		
1.4	256QAM	3	1	17.68	17.64	17.59		
1.4	256QAM	3	3	17.50	17.73	17.62		
1.4	256QAM	6	0	17.36	17.60	17.61	19	2.1

Band 12 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.01	20.07	19.98	21.1	0
10	QPSK	1	25	19.96	19.99	19.87		
10	QPSK	1	49	19.95	19.95	19.95		
10	QPSK	25	0	19.87	20.01	19.85	21.1	0
10	QPSK	25	12	19.98	19.99	19.92		
10	QPSK	25	25	19.93	19.98	19.91		
10	QPSK	50	0	19.88	19.96	19.94		
10	16QAM	1	0	19.91	19.94	19.95	21.1	0
10	16QAM	1	25	19.94	19.90	19.80		
10	16QAM	1	49	19.90	19.87	19.89		
10	16QAM	25	0	19.73	19.91	19.76	21.1	0
10	16QAM	25	12	19.95	19.86	19.83		
10	16QAM	25	25	19.80	19.87	19.83		
10	16QAM	50	0	19.81	19.84	19.83		
10	64QAM	1	0	19.89	19.95	19.86	21.1	0
10	64QAM	1	25	19.86	19.96	19.82		
10	64QAM	1	49	19.84	19.86	19.92		
10	64QAM	25	0	19.79	19.80	19.79	21	0.1
10	64QAM	25	12	19.76	19.73	19.70		
10	64QAM	25	25	19.80	19.71	19.72		
10	64QAM	50	0	19.72	19.76	19.64		
10	256QAM	1	0	17.94	17.92	17.86	19	2.1
10	256QAM	1	25	17.87	17.94	17.77		
10	256QAM	1	49	17.83	17.89	17.83		
10	256QAM	25	0	17.72	17.91	17.70	19	2.1
10	256QAM	25	12	17.94	17.85	17.79		
10	256QAM	25	25	17.78	17.92	17.82		
10	256QAM	50	0	17.72	17.85	17.84		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	19.98	20.04	19.95	21.1	0
5	QPSK	1	12	19.92	19.89	19.84		
5	QPSK	1	24	19.82	19.90	19.93		
5	QPSK	12	0	19.81	19.99	19.83	21.1	0
5	QPSK	12	7	19.93	19.87	19.80		
5	QPSK	12	13	19.82	19.90	19.88		
5	QPSK	25	0	19.79	19.86	19.83		
5	16QAM	1	0	19.79	19.81	19.90	21.1	0
5	16QAM	1	12	19.87	19.84	19.68		
5	16QAM	1	24	19.86	19.83	19.80		
5	16QAM	12	0	19.70	19.78	19.72	21.1	0
5	16QAM	12	7	19.91	19.72	19.73		
5	16QAM	12	13	19.78	19.75	19.73		
5	16QAM	25	0	19.68	19.80	19.77		
5	64QAM	1	0	19.79	19.84	19.82	21.1	0
5	64QAM	1	12	19.72	19.87	19.78		
5	64QAM	1	24	19.81	19.80	19.80		
5	64QAM	12	0	19.67	19.69	19.73	21	0.1
5	64QAM	12	7	19.64	19.67	19.66		
5	64QAM	12	13	19.75	19.58	19.60		
5	64QAM	25	0	19.60	19.67	19.52		
5	256QAM	1	0	17.89	17.79	17.78	19	2.1
5	256QAM	1	12	17.74	17.86	17.69		
5	256QAM	1	24	17.80	17.75	17.69		
5	256QAM	12	0	17.68	17.78	17.62	19	2.1
5	256QAM	12	7	17.84	17.76	17.70		
5	256QAM	12	13	17.66	17.84	17.71		
5	256QAM	25	0	17.59	17.74	17.78		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	19.97	20.05	19.92	21.1	0
3	QPSK	1	8	19.83	19.96	19.75		
3	QPSK	1	14	19.88	19.82	19.87		
3	QPSK	8	0	19.80	19.94	19.72	21.1	0
3	QPSK	8	4	19.88	19.92	19.81		
3	QPSK	8	7	19.90	19.87	19.85		
3	QPSK	15	0	19.84	19.93	19.89		
3	16QAM	1	0	19.85	19.81	19.93	21.1	0
3	16QAM	1	8	19.92	19.81	19.77		
3	16QAM	1	14	19.78	19.74	19.77		
3	16QAM	8	0	19.71	19.87	19.68	21.1	0
3	16QAM	8	4	19.84	19.74	19.81		
3	16QAM	8	7	19.72	19.78	19.78		
3	16QAM	15	0	19.70	19.80	19.73		
3	64QAM	1	0	19.77	19.92	19.83	21.1	0
3	64QAM	1	8	19.78	19.85	19.75		
3	64QAM	1	14	19.74	19.75	19.85		
3	64QAM	8	0	19.70	19.77	19.65	21	0.1
3	64QAM	8	4	19.64	19.67	19.61		
3	64QAM	8	7	19.66	19.58	19.61		
3	64QAM	15	0	19.60	19.72	19.53		
3	256QAM	1	0	17.87	17.81	17.81	19	2.1
3	256QAM	1	8	17.77	17.84	17.69		
3	256QAM	1	14	17.81	17.84	17.76		
3	256QAM	8	0	17.59	17.88	17.59	19	2.1
3	256QAM	8	4	17.90	17.74	17.75		
3	256QAM	8	7	17.68	17.88	17.73		
3	256QAM	15	0	17.69	17.78	17.74		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	19.97	19.96	19.91	21.1	0
1.4	QPSK	1	3	19.86	19.92	19.84		
1.4	QPSK	1	5	19.91	19.89	19.87		
1.4	QPSK	3	0	19.85	19.91	19.82		
1.4	QPSK	3	1	19.96	19.94	19.85		
1.4	QPSK	3	3	19.82	19.85	19.83		
1.4	QPSK	6	0	19.79	19.93	19.86	21.1	0
1.4	16QAM	1	0	19.79	19.87	19.93	21.1	0
1.4	16QAM	1	3	19.86	19.87	19.78		
1.4	16QAM	1	5	19.82	19.77	19.80		
1.4	16QAM	3	0	19.63	19.89	19.70		
1.4	16QAM	3	1	19.90	19.77	19.74		
1.4	16QAM	3	3	19.72	19.76	19.69		
1.4	16QAM	6	0	19.71	19.80	19.70	21.1	0
1.4	64QAM	1	0	19.76	19.89	19.82	21.1	0
1.4	64QAM	1	3	19.74	19.84	19.75		
1.4	64QAM	1	5	19.79	19.77	19.90		
1.4	64QAM	3	0	19.76	19.78	19.72		
1.4	64QAM	3	1	19.67	19.67	19.58		
1.4	64QAM	3	3	19.71	19.65	19.62		
1.4	64QAM	6	0	19.59	19.71	19.59	21	0.1
1.4	256QAM	1	0	17.91	17.85	17.83	19	2.1
1.4	256QAM	1	3	17.79	17.84	17.73		
1.4	256QAM	1	5	17.79	17.87	17.78		
1.4	256QAM	3	0	17.60	17.78	17.63		
1.4	256QAM	3	1	17.84	17.75	17.67		
1.4	256QAM	3	3	17.75	17.80	17.73		
1.4	256QAM	6	0	17.70	17.79	17.82	19	2.1

Band 17 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	19.90	20.03	19.90	21.1	0
10	QPSK	1	25	19.87	19.82	19.78		
10	QPSK	1	49	19.85	19.87	19.84		
10	QPSK	25	0	19.82	19.98	19.83	21.1	0
10	QPSK	25	12	19.87	19.93	19.78		
10	QPSK	25	25	19.81	19.86	19.87		
10	QPSK	50	0	19.81	19.87	19.80		
10	16QAM	1	0	19.80	19.88	19.92	21.1	0
10	16QAM	1	25	19.87	19.82	19.74		
10	16QAM	1	49	19.88	19.74	19.76		
10	16QAM	25	0	19.70	19.89	19.64	21.1	0
10	16QAM	25	12	19.83	19.77	19.75		
10	16QAM	25	25	19.66	19.80	19.72		
10	16QAM	50	0	19.71	19.78	19.73		
10	64QAM	1	0	19.78	19.84	19.73	21.1	0
10	64QAM	1	25	19.82	19.88	19.74		
10	64QAM	1	49	19.81	19.74	19.84		
10	64QAM	25	0	19.75	19.74	19.77	21	0.1
10	64QAM	25	12	19.63	19.67	19.66		
10	64QAM	25	25	19.71	19.58	19.67		
10	64QAM	50	0	19.59	19.68	19.58		
10	256QAM	1	0	17.84	17.86	17.73	19	2.1
10	256QAM	1	25	17.74	17.88	17.74		
10	256QAM	1	49	17.71	17.76	17.70		
10	256QAM	25	0	17.66	17.79	17.64	19	2.1
10	256QAM	25	12	17.80	17.72	17.74		
10	256QAM	25	25	17.66	17.81	17.71		
10	256QAM	50	0	17.69	17.82	17.76		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	19.77	19.96	19.81	21.1	0
5	QPSK	1	12	19.82	19.84	19.76		
5	QPSK	1	24	19.74	19.85	19.77		
5	QPSK	12	0	19.70	19.95	19.80	21.1	0
5	QPSK	12	7	19.74	19.90	19.64		
5	QPSK	12	13	19.71	19.81	19.74		
5	QPSK	25	0	19.75	19.77	19.68		
5	16QAM	1	0	19.70	19.78	19.84	21.1	0
5	16QAM	1	12	19.78	19.74	19.61		
5	16QAM	1	24	19.85	19.66	19.63		
5	16QAM	12	0	19.58	19.82	19.60	21.1	0
5	16QAM	12	7	19.71	19.73	19.65		
5	16QAM	12	13	19.54	19.71	19.59		
5	16QAM	25	0	19.57	19.64	19.61		
5	64QAM	1	0	19.68	19.82	19.69	21.1	0
5	64QAM	1	12	19.80	19.86	19.68		
5	64QAM	1	24	19.77	19.63	19.78		
5	64QAM	12	0	19.61	19.68	19.70	21	0.1
5	64QAM	12	7	19.52	19.54	19.53		
5	64QAM	12	13	19.68	19.49	19.64		
5	64QAM	25	0	19.46	19.59	19.53		
5	256QAM	1	0	17.72	17.75	17.63	19	2.1
5	256QAM	1	12	17.65	17.77	17.61		
5	256QAM	1	24	17.58	17.67	17.58		
5	256QAM	12	0	17.55	17.76	17.52	19	2.1
5	256QAM	12	7	17.78	17.64	17.67		
5	256QAM	12	13	17.58	17.71	17.62		
5	256QAM	25	0	17.55	17.74	17.72		

Band 26 Ant 0 ECI

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.
Channel				26765	26865
Frequency (MHz)				821.5	831.5
15	QPSK	1	0	20.00	20.05
15	QPSK	1	37	19.87	19.96
15	QPSK	1	74	19.93	19.85
15	QPSK	36	0	19.81	19.94
15	QPSK	36	20	19.93	19.93
15	QPSK	36	39	19.89	19.89
15	QPSK	75	0	19.76	19.92
15	16QAM	1	0	19.77	19.90
15	16QAM	1	37	19.85	19.84
15	16QAM	1	74	19.84	19.74
15	16QAM	36	0	19.63	19.87
15	16QAM	36	20	19.85	19.81
15	16QAM	36	39	19.68	19.74
15	16QAM	75	0	19.67	19.72
15	64QAM	1	0	19.79	19.82
15	64QAM	1	37	19.72	19.84
15	64QAM	1	74	19.72	19.74
15	64QAM	36	0	19.68	19.74
15	64QAM	36	20	19.72	19.61
15	64QAM	36	39	19.68	19.69
15	64QAM	75	0	19.60	19.70
15	256QAM	1	0	17.83	17.78
15	256QAM	1	37	17.81	17.89
15	256QAM	1	74	17.77	17.80
15	256QAM	36	0	17.61	17.79
15	256QAM	36	20	17.85	17.76
15	256QAM	36	39	17.68	17.80
15	256QAM	75	0	17.60	17.71
Channel				26740	26865
Frequency (MHz)				819	831.5
10	QPSK	1	0	19.97	20.02
10	QPSK	1	25	19.74	19.87
10	QPSK	1	49	19.84	19.83
10	QPSK	25	0	19.72	19.91
10	QPSK	25	12	19.83	19.90
10	QPSK	25	25	19.82	19.80
10	QPSK	50	0	19.70	19.81
10	16QAM	1	0	19.67	19.77
10	16QAM	1	25	19.73	19.74
10	16QAM	1	49	19.73	19.62
10	16QAM	25	0	19.49	19.74
10	16QAM	25	12	19.79	19.70
10	16QAM	25	25	19.54	19.63
10	16QAM	50	0	19.56	19.67
10	64QAM	1	0	19.68	19.76
10	64QAM	1	25	19.60	19.80
10	64QAM	1	49	19.61	19.69
10	64QAM	25	0	19.65	19.68
10	64QAM	25	12	19.67	19.57
10	64QAM	25	25	19.55	19.62
10	64QAM	50	0	19.56	19.65
10	256QAM	1	0	17.75	17.68
10	256QAM	1	25	17.76	17.76
10	256QAM	1	49	17.75	17.74
10	256QAM	25	0	17.47	17.75
10	256QAM	25	12	17.78	17.69
10	256QAM	25	25	17.56	17.77
10	256QAM	50	0	17.58	17.60
Channel				26715	26865
Frequency (MHz)				816.5	831.5
5	QPSK	1	0	19.86	19.95
5	QPSK	1	12	19.75	19.83
5	QPSK	1	24	19.90	19.81
5	QPSK	12	0	19.71	19.88
5	QPSK	12	7	19.83	19.84
5	QPSK	12	13	19.86	19.84
5	QPSK	25	0	19.67	19.81
5	16QAM	1	0	19.65	19.86
5	16QAM	1	12	19.72	19.77
5	16QAM	1	24	19.73	19.61
5	16QAM	12	0	19.51	19.84
5	16QAM	12	7	19.78	19.71
5	16QAM	12	13	19.63	19.67
5	16QAM	25	0	19.64	19.61
5	64QAM	1	0	19.67	19.78
5	64QAM	1	12	19.64	19.74
5	64QAM	1	24	19.69	19.62
5	64QAM	12	0	19.65	19.70
5	64QAM	12	7	19.64	19.57
5	64QAM	12	13	19.55	19.61
5	64QAM	25	0	19.50	19.59
5	256QAM	1	0	17.80	17.75
5	256QAM	1	12	17.76	17.82
5	256QAM	1	24	17.71	17.75
5	256QAM	12	0	17.49	17.74
5	256QAM	12	7	17.79	17.72
5	256QAM	12	13	17.66	17.75
5	256QAM	25	0	17.51	17.65
Channel				26705	26865
Frequency (MHz)				815.5	831.5
3	QPSK	1	0	19.91	19.98
3	QPSK	1	8	19.79	19.90
3

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Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
26965		
841.5		
19.97	21.1	0
19.82		
19.83		
19.79	21.1	0
19.83		
19.79		
19.90	21.1	0
19.86		
19.69		
19.77		
19.70	21.1	0
19.79		
19.76		
19.75	21.1	0
19.84		
19.79		
19.83		
19.69	21	0.1
19.64		
19.67		
19.51	19	2.1
17.78		
17.73		
17.76		
17.59	19	2.1
17.75		
17.72		
17.74		
26990	Tune-up limit (dBm)	MPR (dB)
844		
19.91	21.1	0
19.69		
19.79		
19.69	21.1	0
19.71		
19.76		
19.82		
19.79	21.1	0
19.66		
19.72		
19.67	21.1	0
19.75		
19.74		
19.62		
19.73	21.1	0
19.67		
19.81		
19.63	21	0.1
19.60		
19.64		
19.39		
17.72	19	2.1
17.61		
17.63		
17.48	19	2.1
17.67		
17.63		
17.62		
27015	Tune-up limit (dBm)	MPR (dB)
846.5		
19.89	21.1	0
19.71		
19.79		
19.75	21.1	0
19.77		
19.67		
19.79		
19.84	21.1	0
19.58		
19.66		
19.57	21.1	0
19.73		
19.66		
19.69		
19.81	21.1	0
19.69		
19.75		
19.61	21	0.1
19.60		
19.57		
19.43		
17.66	19	2.1
17.67		
17.63		
17.55	19	2.1
17.62		
17.59		
17.72		
27025	Tune-up limit (dBm)	MPR (dB)
847.5		
19.84	21.1	0
19.76		
19.76		
19.71	21.1	0
19.73		
19.66		
19.80		
19.82	21.1	0
19.63		
19.70		
19.65	21.1	0
19.71		
19.74		
19.62		
19.73	21.1	0
19.73		
19.69		
19.61	21	0.1
19.57		
19.56		
19.49		
17.70	19	2.1
17.69		
17.70		
17.46	19	2.1
17.71		
17.70		
17.62		
27033	Tune-up limit (dBm)	MPR (dB)
848.3		
19.87	21.1	0
19.69		
19.79		
19.67		
19.72		
19.71		
19.88	21.1	0
19.82	21.1	0
19.61		
19.75		
19.67		
19.76		
19.70		
19.71	21.1	0
19.73	21.1	0
19.72		
19.80		
19.62		
19.58		
19.63		
19.43	21	0.1
17.70	19	2.1
17.61		
17.71		
17.56		
17.62		
17.59		
17.70	19	2.1

GSM850 Ant 1 ECI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GPRS 4 Tx slots	27.38	27.43	27.39	29.00	24.38	24.43	24.39	26.00

Band		WCDMA II Ant 1 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 1 ECI10			Tune-up Limit (dBm)	WCDMA V Ant 1 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	15.95	16.02	15.98	17.20	16.32	16.36	16.33	17.60	24.19	24.25	24.13	25.00

Band 2 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.06	17.09	17.04	18.2	0

Band 4 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.38	16.44	16.41	17.8	0

Band 66 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.45	16.49	16.46	17.8	0

Band 7 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.66	17.69	17.62	18.7	0

Band 38 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.70	18.75	18.71	20.4	0

Band 41 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.69	18.71	18.80	18.72	18.75	20.4	0

Band 41 HPUE Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.06	20.01	20.10	20.08	20.05	22	0

Band 5 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.70	22.75	22.70	24	0
10	QPSK	1	25	22.56	22.70	22.54		
10	QPSK	1	49	22.51	22.67	22.66		
10	QPSK	25	0	21.69	21.74	21.66	23	1
10	QPSK	25	12	21.63	21.63	21.68		
10	QPSK	25	25	21.49	21.66	21.48		
10	QPSK	50	0	21.65	21.70	21.55		
10	16QAM	1	0	21.68	21.58	21.53	23	1
10	16QAM	1	25	21.59	21.47	21.53		
10	16QAM	1	49	21.47	21.60	21.45		
10	16QAM	25	0	20.68	20.75	20.66	22	2
10	16QAM	25	12	20.57	20.71	20.60		
10	16QAM	25	25	20.52	20.69	20.54		
10	16QAM	50	0	20.66	20.64	20.65		
10	64QAM	1	0	20.63	20.66	20.45	22	2
10	64QAM	1	25	20.61	20.54	20.52		
10	64QAM	1	49	20.43	20.69	20.48		
10	64QAM	25	0	19.74	19.67	19.66	21	3
10	64QAM	25	12	19.59	19.62	19.70		
10	64QAM	25	25	19.61	19.57	19.44		
10	64QAM	50	0	19.59	19.70	19.52		
10	256QAM	1	0	17.76	17.69	17.65	19	5
10	256QAM	1	25	17.65	17.69	17.56		
10	256QAM	1	49	17.51	17.62	17.56		
10	256QAM	25	0	17.61	17.75	17.54	19	5
10	256QAM	25	12	17.64	17.61	17.52		
10	256QAM	25	25	17.60	17.59	17.59		
10	256QAM	50	0	17.49	17.64	17.42		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.65	22.65	22.59	24	0
5	QPSK	1	12	22.50	22.65	22.43		
5	QPSK	1	24	22.43	22.58	22.56		
5	QPSK	12	0	21.60	21.68	21.64	23	1
5	QPSK	12	7	21.54	21.55	21.57		
5	QPSK	12	13	21.41	21.59	21.41		
5	QPSK	25	0	21.53	21.61	21.50		
5	16QAM	1	0	21.56	21.51	21.43	23	1
5	16QAM	1	12	21.56	21.35	21.44		
5	16QAM	1	24	21.36	21.57	21.37		
5	16QAM	12	0	20.66	20.66	20.60	22	2
5	16QAM	12	7	20.48	20.68	20.48		
5	16QAM	12	13	20.44	20.66	20.42		
5	16QAM	25	0	20.61	20.59	20.56		
5	64QAM	1	0	20.51	20.58	20.42	22	2
5	64QAM	1	12	20.51	20.41	20.49		
5	64QAM	1	24	20.36	20.63	20.46		
5	64QAM	12	0	19.67	19.57	19.53	21	3
5	64QAM	12	7	19.45	19.50	19.67		
5	64QAM	12	13	19.48	19.45	19.38		
5	64QAM	25	0	19.56	19.64	19.49		
5	256QAM	1	0	17.69	17.56	17.58	19	5
5	256QAM	1	12	17.63	17.56	17.47		
5	256QAM	1	24	17.40	17.55	17.44		
5	256QAM	12	0	17.47	17.61	17.46	19	5
5	256QAM	12	7	17.57	17.48	17.44		
5	256QAM	12	13	17.48	17.50	17.54		
5	256QAM	25	0	17.36	17.57	17.35		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.67	22.61	22.66	24	0
3	QPSK	1	8	22.43	22.61	22.41		
3	QPSK	1	14	22.45	22.64	22.63		
3	QPSK	8	0	21.63	21.71	21.58	23	1
3	QPSK	8	4	21.51	21.50	21.54		
3	QPSK	8	7	21.39	21.57	21.37		
3	QPSK	15	0	21.63	21.65	21.44		
3	16QAM	1	0	21.54	21.45	21.46	23	1
3	16QAM	1	8	21.54	21.44	21.41		
3	16QAM	1	14	21.43	21.57	21.35		
3	16QAM	8	0	20.55	20.65	20.53	22	2
3	16QAM	8	4	20.47	20.62	20.47		
3	16QAM	8	7	20.48	20.62	20.42		
3	16QAM	15	0	20.64	20.58	20.55		
3	64QAM	1	0	20.51	20.56	20.40	22	2
3	64QAM	1	8	20.58	20.44	20.41		
3	64QAM	1	14	20.35	20.60	20.37		
3	64QAM	8	0	19.62	19.64	19.63	21	3
3	64QAM	8	4	19.52	19.53	19.67		
3	64QAM	8	7	19.47	19.50	19.31		
3	64QAM	15	0	19.48	19.61	19.40		
3	256QAM	1	0	17.70	17.62	17.61	19	5
3	256QAM	1	8	17.58	17.60	17.51		
3	256QAM	1	14	17.44	17.59	17.46		
3	256QAM	8	0	17.54	17.70	17.46	19	5
3	256QAM	8	4	17.54	17.48	17.43		
3	256QAM	8	7	17.57	17.52	17.50		
3	256QAM	15	0	17.38	17.55	17.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.59	22.61	24	0
1.4	QPSK	1	3	22.46	22.58	22.54		
1.4	QPSK	1	5	22.46	22.61	22.50		
1.4	QPSK	3	0	22.41	22.63	22.52		
1.4	QPSK	3	1	22.40	22.46	22.46		
1.4	QPSK	3	3	22.36	22.54	22.43		
1.4	QPSK	6	0	21.49	21.57	21.44	23	1
1.4	16QAM	1	0	21.53	21.65	21.53	23	1
1.4	16QAM	1	3	21.40	21.53	21.48		
1.4	16QAM	1	5	21.49	21.57	21.45		
1.4	16QAM	3	0	21.36	21.56	21.37		
1.4	16QAM	3	1	21.38	21.62	21.45		
1.4	16QAM	3	3	21.34	21.42	21.48		
1.4	16QAM	6	0	20.62	20.62	20.57	22	2
1.4	64QAM	1	0	20.57	20.59	20.32	22	2
1.4	64QAM	1	3	20.48	20.53	20.48		
1.4	64QAM	1	5	20.44	20.60	20.42		
1.4	64QAM	3	0	20.50	20.65	20.45		
1.4	64QAM	3	1	20.50	20.46	20.30		
1.4	64QAM	3	3	20.42	20.35	20.35		
1.4	64QAM	6	0	19.47	19.51	19.53	21	3
1.4	256QAM	1	0	17.73	17.56	17.67	19	5
1.4	256QAM	1	3	17.58	17.56	17.51		
1.4	256QAM	1	5	17.52	17.58	17.50		
1.4	256QAM	3	0	17.45	17.63	17.42		
1.4	256QAM	3	1	17.50	17.56	17.41		
1.4	256QAM	3	3	17.53	17.50	17.52		
1.4	256QAM	6	0	17.44	17.58	17.32	19	5

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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)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.68	22.74	22.65	24	0
10	QPSK	1	25	22.56	22.70	22.51		
10	QPSK	1	49	22.62	22.63	22.63		
10	QPSK	25	0	21.55	21.58	21.52	23	1
10	QPSK	25	12	21.48	21.47	21.42		
10	QPSK	25	25	21.52	21.45	21.42		
10	QPSK	50	0	21.46	21.51	21.42		
10	16QAM	1	0	21.45	21.48	21.47	23	1
10	16QAM	1	25	21.34	21.42	21.30		
10	16QAM	1	49	21.40	21.35	21.29		
10	16QAM	25	0	20.58	20.57	20.53	22	2
10	16QAM	25	12	20.50	20.42	20.48		
10	16QAM	25	25	20.50	20.43	20.42		
10	16QAM	50	0	20.43	20.49	20.40		
10	64QAM	1	0	20.45	20.53	20.46	22	2
10	64QAM	1	25	20.34	20.38	20.35		
10	64QAM	1	49	20.42	20.35	20.29		
10	64QAM	25	0	19.58	19.55	19.53	21	3
10	64QAM	25	12	19.53	19.52	19.42		
10	64QAM	25	25	19.53	19.49	19.37		
10	64QAM	50	0	19.45	19.46	19.36		
10	256QAM	1	0	17.59	17.58	17.52	19	5
10	256QAM	1	25	17.49	17.51	17.36		
10	256QAM	1	49	17.56	17.50	17.36		
10	256QAM	25	0	17.49	17.52	17.46	19	5
10	256QAM	25	12	17.47	17.48	17.43		
10	256QAM	25	25	17.34	17.45	17.32		
10	256QAM	50	0	17.42	17.36	17.27		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.57	22.62	22.54	24	0
5	QPSK	1	12	22.52	22.60	22.44		
5	QPSK	1	24	22.48	22.53	22.60		
5	QPSK	12	0	21.53	21.45	21.45	23	1
5	QPSK	12	7	21.36	21.41	21.31		
5	QPSK	12	13	21.48	21.38	21.30		
5	QPSK	25	0	21.35	21.48	21.36		
5	16QAM	1	0	21.32	21.46	21.34	23	1
5	16QAM	1	12	21.25	21.32	21.26		
5	16QAM	1	24	21.36	21.23	21.18		
5	16QAM	12	0	20.48	20.51	20.50	22	2
5	16QAM	12	7	20.44	20.31	20.38		
5	16QAM	12	13	20.36	20.39	20.32		
5	16QAM	25	0	20.38	20.44	20.30		
5	64QAM	1	0	20.32	20.46	20.35	22	2
5	64QAM	1	12	20.29	20.28	20.28		
5	64QAM	1	24	20.32	20.28	20.25		
5	64QAM	12	0	19.51	19.42	19.42	21	3
5	64QAM	12	7	19.50	19.39	19.30		
5	64QAM	12	13	19.41	19.42	19.28		
5	64QAM	25	0	19.31	19.41	19.24		
5	256QAM	1	0	17.51	17.53	17.48	19	5
5	256QAM	1	12	17.38	17.47	17.23		
5	256QAM	1	24	17.50	17.45	17.25		
5	256QAM	12	0	17.37	17.41	17.40	19	5
5	256QAM	12	7	17.38	17.43	17.38		
5	256QAM	12	13	17.23	17.35	17.29		
5	256QAM	25	0	17.29	17.26	17.16		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.64	22.66	22.54	24	0
3	QPSK	1	8	22.54	22.59	22.48		
3	QPSK	1	14	22.60	22.61	22.60		
3	QPSK	8	0	21.45	21.53	21.48	23	1
3	QPSK	8	4	21.46	21.43	21.31		
3	QPSK	8	7	21.41	21.38	21.30		
3	QPSK	15	0	21.42	21.38	21.37		
3	16QAM	1	0	21.40	21.43	21.41	23	1
3	16QAM	1	8	21.30	21.39	21.22		
3	16QAM	1	14	21.36	21.22	21.22		
3	16QAM	8	0	20.56	20.53	20.44	22	2
3	16QAM	8	4	20.47	20.33	20.36		
3	16QAM	8	7	20.47	20.41	20.39		
3	16QAM	15	0	20.37	20.44	20.35		
3	64QAM	1	0	20.32	20.42	20.41	22	2
3	64QAM	1	8	20.26	20.31	20.29		
3	64QAM	1	14	20.33	20.31	20.21		
3	64QAM	8	0	19.47	19.42	19.41	21	3
3	64QAM	8	4	19.48	19.45	19.32		
3	64QAM	8	7	19.41	19.39	19.26		
3	64QAM	15	0	19.42	19.41	19.23		
3	256QAM	1	0	17.55	17.49	17.45	19	5
3	256QAM	1	8	17.40	17.40	17.31		
3	256QAM	1	14	17.50	17.41	17.24		
3	256QAM	8	0	17.37	17.42	17.42	19	5
3	256QAM	8	4	17.33	17.37	17.31		
3	256QAM	8	7	17.29	17.36	17.28		
3	256QAM	15	0	17.36	17.29	17.15		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.55	22.65	22.55	24	0
1.4	QPSK	1	3	22.42	22.58	22.48		
1.4	QPSK	1	5	22.48	22.49	22.53		
1.4	QPSK	3	0	22.49	22.59	22.43		
1.4	QPSK	3	1	22.31	22.45	22.41		
1.4	QPSK	3	3	22.42	22.37	22.48		
1.4	QPSK	6	0	21.44	21.39	21.30	23	1
1.4	16QAM	1	0	21.40	21.35	21.44	23	1
1.4	16QAM	1	3	21.29	21.30	21.17		
1.4	16QAM	1	5	21.27	21.25	21.20		
1.4	16QAM	3	0	21.42	21.35	21.28		
1.4	16QAM	3	1	21.37	21.32	21.40		
1.4	16QAM	3	3	21.18	21.18	21.08		
1.4	16QAM	6	0	20.31	20.36	20.34	22	2
1.4	64QAM	1	0	20.38	20.40	20.42	22	2
1.4	64QAM	1	3	20.20	20.28	20.30		
1.4	64QAM	1	5	20.39	20.30	20.21		
1.4	64QAM	3	0	20.24	20.27	20.27		
1.4	64QAM	3	1	20.24	20.28	20.30		
1.4	64QAM	3	3	20.17	20.14	20.23		
1.4	64QAM	6	0	19.43	19.32	19.23	21	3
1.4	256QAM	1	0	17.56	17.53	17.48	19	5
1.4	256QAM	1	3	17.44	17.44	17.27		
1.4	256QAM	1	5	17.52	17.39	17.33		
1.4	256QAM	3	0	17.41	17.42	17.44		
1.4	256QAM	3	1	17.40	17.44	17.34		
1.4	256QAM	3	3	17.29	17.42	17.18		
1.4	256QAM	6	0	17.32	17.33	17.21	19	5

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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)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.57	22.69	22.51	24	0
10	QPSK	1	25	22.50	22.66	22.48		
10	QPSK	1	49	22.50	22.60	22.52		
10	QPSK	25	0	21.46	21.53	21.41	23	1
10	QPSK	25	12	21.36	21.40	21.38		
10	QPSK	25	25	21.49	21.36	21.28		
10	QPSK	50	0	21.33	21.48	21.34		
10	16QAM	1	0	21.33	21.41	21.45	23	1
10	16QAM	1	25	21.23	21.38	21.26		
10	16QAM	1	49	21.33	21.27	21.26		
10	16QAM	25	0	20.52	20.50	20.46	22	2
10	16QAM	25	12	20.40	20.33	20.36		
10	16QAM	25	25	20.42	20.34	20.35		
10	16QAM	50	0	20.35	20.40	20.34		
10	64QAM	1	0	20.39	20.50	20.39	22	2
10	64QAM	1	25	20.27	20.35	20.25		
10	64QAM	1	49	20.39	20.24	20.16		
10	64QAM	25	0	19.45	19.45	19.40	21	3
10	64QAM	25	12	19.50	19.48	19.33		
10	64QAM	25	25	19.40	19.38	19.30		
10	64QAM	50	0	19.34	19.32	19.29		
10	256QAM	1	0	17.53	17.54	17.43	19	5
10	256QAM	1	25	17.38	17.47	17.22		
10	256QAM	1	49	17.47	17.40	17.32		
10	256QAM	25	0	17.39	17.43	17.43	19	5
10	256QAM	25	12	17.38	17.43	17.30		
10	256QAM	25	25	17.29	17.41	17.24		
10	256QAM	50	0	17.36	17.29	17.21		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.55	22.67	22.41	24	0
5	QPSK	1	12	22.40	22.44	22.41		
5	QPSK	1	24	22.44	22.58	22.45		
5	QPSK	12	0	21.37	21.44	21.37	23	1
5	QPSK	12	7	21.32	21.31	21.35		
5	QPSK	12	13	21.47	21.30	21.14		
5	QPSK	25	0	21.28	21.39	21.29		
5	16QAM	1	0	21.20	21.29	21.43	23	1
5	16QAM	1	12	21.15	21.34	21.23		
5	16QAM	1	24	21.22	21.13	21.14		
5	16QAM	12	0	20.44	20.46	20.34	22	2
5	16QAM	12	7	20.32	20.24	20.32		
5	16QAM	12	13	20.29	20.22	20.32		
5	16QAM	25	0	20.29	20.33	20.21		
5	64QAM	1	0	20.27	20.41	20.31	22	2
5	64QAM	1	12	20.20	20.24	20.22		
5	64QAM	1	24	20.32	20.16	20.09		
5	64QAM	12	0	19.34	19.42	19.29	21	3
5	64QAM	12	7	19.46	19.44	19.23		
5	64QAM	12	13	19.35	19.36	19.21		
5	64QAM	25	0	19.27	19.27	19.17		
5	256QAM	1	0	17.50	17.45	17.37	19	5
5	256QAM	1	12	17.25	17.41	17.10		
5	256QAM	1	24	17.44	17.37	17.26		
5	256QAM	12	0	17.30	17.35	17.33	19	5
5	256QAM	12	7	17.32	17.33	17.28		
5	256QAM	12	13	17.25	17.28	17.10		
5	256QAM	25	0	17.24	17.18	17.14		

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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)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.73	22.78	22.75	24	0
15	QPSK	1	37	22.59	22.75	22.62		
15	QPSK	1	74	22.62	22.73	22.71		
15	QPSK	36	0	21.74	21.76	21.72	23	1
15	QPSK	36	20	21.71	21.68	21.68		
15	QPSK	36	39	21.60	21.71	21.58		
15	QPSK	75	0	21.67	21.73	21.62		
15	16QAM	1	0	21.68	21.69	21.58	23	1
15	16QAM	1	37	21.63	21.57	21.64		
15	16QAM	1	74	21.57	21.66	21.55		
15	16QAM	36	0	20.79	20.76	20.73	22	2
15	16QAM	36	20	20.68	20.72	20.62		
15	16QAM	36	39	20.63	20.74	20.55		
15	16QAM	75	0	20.70	20.72	20.68		
15	64QAM	1	0	20.68	20.70	20.53	22	2
15	64QAM	1	37	20.66	20.61	20.62		
15	64QAM	1	74	20.52	20.72	20.57		
15	64QAM	36	0	19.77	19.70	19.76	21	3
15	64QAM	36	20	19.68	19.64	19.72		
15	64QAM	36	39	19.63	19.69	19.53		
15	64QAM	75	0	19.65	19.71	19.62		
15	256QAM	1	0	17.78	17.77	17.72	19	5
15	256QAM	1	37	17.68	17.70	17.67		
15	256QAM	1	74	17.58	17.68	17.59		
15	256QAM	36	0	17.67	17.77	17.62	19	5
15	256QAM	36	20	17.69	17.71	17.54		
15	256QAM	36	39	17.63	17.61	17.59		
15	256QAM	75	0	17.59	17.66	17.50		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.70	22.72	22.64	24	0
10	QPSK	1	25	22.48	22.69	22.56		
10	QPSK	1	49	22.51	22.66	22.61		
10	QPSK	25	0	21.69	21.75	21.70	23	1
10	QPSK	25	12	21.64	21.68	21.62		
10	QPSK	25	25	21.55	21.66	21.54		
10	QPSK	50	0	21.58	21.68	21.51		
10	16QAM	1	0	21.66	21.65	21.46	23	1
10	16QAM	1	25	21.61	21.46	21.57		
10	16QAM	1	49	21.50	21.63	21.44		
10	16QAM	25	0	20.75	20.75	20.72	22	2
10	16QAM	25	12	20.62	20.68	20.56		
10	16QAM	25	25	20.58	20.71	20.47		
10	16QAM	50	0	20.67	20.70	20.65		
10	64QAM	1	0	20.67	20.61	20.42	22	2
10	64QAM	1	25	20.63	20.51	20.52		
10	64QAM	1	49	20.48	20.61	20.50		
10	64QAM	25	0	19.66	19.66	19.75	21	3
10	64QAM	25	12	19.58	19.63	19.65		
10	64QAM	25	25	19.52	19.60	19.43		
10	64QAM	50	0	19.63	19.68	19.59		
10	256QAM	1	0	17.75	17.69	17.61	19	5
10	256QAM	1	25	17.66	17.61	17.55		
10	256QAM	1	49	17.51	17.66	17.48		
10	256QAM	25	0	17.56	17.71	17.61	19	5
10	256QAM	25	12	17.60	17.67	17.53		
10	256QAM	25	25	17.52	17.58	17.57		
10	256QAM	50	0	17.57	17.54	17.39		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.66	22.74	22.63	24	0
5	QPSK	1	12	22.53	22.73	22.54		
5	QPSK	1	24	22.60	22.70	22.61		
5	QPSK	12	0	21.70	21.69	21.62	23	1
5	QPSK	12	7	21.69	21.66	21.58		
5	QPSK	12	13	21.59	21.61	21.52		
5	QPSK	25	0	21.66	21.64	21.51		
5	16QAM	1	0	21.61	21.63	21.53	23	1
5	16QAM	1	12	21.59	21.54	21.53		
5	16QAM	1	24	21.51	21.59	21.49		
5	16QAM	12	0	20.69	20.76	20.69	22	2
5	16QAM	12	7	20.65	20.66	20.58		
5	16QAM	12	13	20.61	20.69	20.46		
5	16QAM	25	0	20.66	20.64	20.58		
5	64QAM	1	0	20.65	20.59	20.46	22	2
5	64QAM	1	12	20.65	20.60	20.55		
5	64QAM	1	24	20.45	20.71	20.48		
5	64QAM	12	0	19.72	19.60	19.67	21	3
5	64QAM	12	7	19.59	19.53	19.67		
5	64QAM	12	13	19.62	19.66	19.52		
5	64QAM	25	0	19.65	19.61	19.57		
5	256QAM	1	0	17.73	17.76	17.65	19	5
5	256QAM	1	12	17.57	17.68	17.59		
5	256QAM	1	24	17.51	17.64	17.47		
5	256QAM	12	0	17.60	17.74	17.51	19	5
5	256QAM	12	7	17.57	17.61	17.44		
5	256QAM	12	13	17.54	17.56	17.56		
5	256QAM	25	0	17.56	17.59	17.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.69	22.72	22.65	24	0
3	QPSK	1	8	22.51	22.63	22.51		
3	QPSK	1	14	22.57	22.64	22.59		
3	QPSK	8	0	21.71	21.65	21.62	23	1
3	QPSK	8	4	21.65	21.68	21.68		
3	QPSK	8	7	21.49	21.67	21.48		
3	QPSK	15	0	21.57	21.64	21.52		
3	16QAM	1	0	21.58	21.62	21.46	23	1
3	16QAM	1	8	21.55	21.48	21.54		
3	16QAM	1	14	21.51	21.60	21.55		
3	16QAM	8	0	20.77	20.74	20.72	22	2
3	16QAM	8	4	20.62	20.72	20.61		
3	16QAM	8	7	20.57	20.72	20.49		
3	16QAM	15	0	20.65	20.71	20.60		
3	64QAM	1	0	20.63	20.66	20.46	22	2
3	64QAM	1	8	20.63	20.53	20.52		
3	64QAM	1	14	20.46	20.71	20.49		
3	64QAM	8	0	19.74	19.69	19.66	21	3
3	64QAM	8	4	19.66	19.58	19.66		
3	64QAM	8	7	19.52	19.67	19.43		
3	64QAM	15	0	19.54	19.65	19.57		
3	256QAM	1	0	17.74	17.67	17.70	19	5
3	256QAM	1	8	17.63	17.58	17.55		
3	256QAM	1	14	17.46	17.66	17.58		
3	256QAM	8	0	17.65	17.74	17.60	19	5
3	256QAM	8	4	17.61	17.68	17.46		
3	256QAM	8	7	17.54	17.61	17.57		
3	256QAM	15	0	17.48	17.63	17.44		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.62	22.73	22.66	24	0
1.4	QPSK	1	3	22.49	22.65	22.58		
1.4	QPSK	1	5	22.52	22.70	22.60		
1.4	QPSK	3	0	22.51	22.66	22.58		
1.4	QPSK	3	1	22.45	22.55	22.57		
1.4	QPSK	3	3	22.47	22.64	22.49		
1.4	QPSK	6	0	21.55	21.69	21.53	23	1
1.4	16QAM	1	0	21.61	21.68	21.57	23	1
1.4	16QAM	1	3	21.54	21.57	21.58		
1.4	16QAM	1	5	21.57	21.64	21.54		
1.4	16QAM	3	0	21.45	21.63	21.45		
1.4	16QAM	3	1	21.50	21.67	21.55		
1.4	16QAM	3	3	21.44	21.48	21.52		
1.4	16QAM	6	0	20.67	20.71	20.59	22	2
1.4	64QAM	1	0	20.66	20.64	20.44	22	2
1.4	64QAM	1	3	20.59	20.58	20.59		
1.4	64QAM	1	5	20.49	20.63	20.49		
1.4	64QAM	3	0	20.61	20.68	20.48		
1.4	64QAM	3	1	20.58	20.57	20.41		
1.4	64QAM	3	3	20.54	20.48	20.49		
1.4	64QAM	6	0	19.55	19.63	19.62	21	3
1.4	256QAM	1	0	17.76	17.66	17.69	19	5
1.4	256QAM	1	3	17.67	17.65	17.57		
1.4	256QAM	1	5	17.58	17.62	17.57		
1.4	256QAM	3	0	17.59	17.68	17.54		
1.4	256QAM	3	1	17.58	17.63	17.45		
1.4	256QAM	3	3	17.59	17.59	17.58		
1.4	256QAM	6	0	17.53	17.62	17.45	19	5

GSM1900 Ant 2 ECI10	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GPRS 4 Tx slots	17.28	17.33	17.30	18.30	14.28	14.33	14.30	15.30

Band		WCDMA II Ant 2 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 2 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	12.91	12.99	12.95	13.90	14.62	14.66	14.63	16.10

Band 2 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.31	12.36	12.33	13.3	0

Band 4 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.35	12.42	12.38	13.8	0

Band 66 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.45	12.48	12.44	13.8	0

Band 7 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.10	13.14	13.08	14.2	0

Band 38 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.01	15.08	15.04	16.2	0

Band 41 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.12	15.10	15.15	15.09	15.04	16.2	0

Band 41 HPUE Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.22	16.28	16.33	16.30	16.25	17.8	0

Band		WCDMA II Ant 3 ECI10			Tune-up Limit (dBm)	WCDMA IV Ant 3 ECI10			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	RMC 12.2Kbps	16.28	16.31	16.25	17.40	16.72	16.74	16.68	18.10

Band 2 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.13	18.16	18.11	19.5	0

Band 4 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.63	19.70	19.65	21.2	0

Band 66 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.71	19.74	19.68	21.2	0

Band 7 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.71	15.74	15.66	16.8	0

Band 38 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.40	17.44	17.38	18.8	0

Band 41 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.43	17.45	17.50	17.49	17.46	18.8	0

Band 41 HPUE Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.62	18.63	18.70	18.66	18.68	20.4	0

Band 42 Part 27Q Ant 4 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	13.10	13.14	13.08	14.7	0
20	QPSK	1	49	12.99	13.05	13.00		
20	QPSK	1	99	13.05	13.07	12.95		
20	QPSK	50	0	12.99	13.12	12.95	14.7	0
20	QPSK	50	24	13.04	13.11	12.97		
20	QPSK	50	50	13.05	13.07	12.94		
20	QPSK	100	0	13.08	13.10	12.99		
20	16QAM	1	0	13.00	13.08	13.01	14.7	0
20	16QAM	1	49	12.94	12.99	12.97		
20	16QAM	1	99	13.01	12.97	12.90		
20	16QAM	50	0	12.87	13.05	12.86	14.7	0
20	16QAM	50	24	12.91	12.98	12.83		
20	16QAM	50	50	12.98	13.02	12.88		
20	16QAM	100	0	13.04	13.04	12.89		
20	64QAM	1	0	13.01	13.05	12.95	14.7	0
20	64QAM	1	49	12.94	12.96	12.98		
20	64QAM	1	99	12.97	13.00	12.90		
20	64QAM	50	0	12.85	13.02	12.81	14.7	0
20	64QAM	50	24	12.96	12.98	12.85		
20	64QAM	50	50	12.96	12.96	12.81		
20	64QAM	100	0	13.03	13.02	12.95		
20	256QAM	1	0	13.01	13.03	13.01	14.7	0
20	256QAM	1	49	12.97	12.99	12.92		
20	256QAM	1	99	12.97	13.02	12.91		
20	256QAM	50	0	12.96	13.04	12.91	14.7	0
20	256QAM	50	24	13.00	13.04	12.87		
20	256QAM	50	50	13.01	13.04	12.86		
20	256QAM	100	0	12.98	13.05	12.89		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	13.00	13.05	13.01	14.7	0
15	QPSK	1	37	12.96	13.02	12.93		
15	QPSK	1	74	13.01	13.05	12.84		
15	QPSK	36	0	12.94	13.09	12.87	14.7	0
15	QPSK	36	20	12.96	13.09	12.90		
15	QPSK	36	39	12.97	13.03	12.82		
15	QPSK	75	0	12.96	13.08	12.90		
15	16QAM	1	0	12.90	12.98	12.97	14.7	0
15	16QAM	1	37	12.88	12.96	12.93		
15	16QAM	1	74	12.97	12.91	12.82		
15	16QAM	36	0	12.75	12.93	12.74	14.7	0
15	16QAM	36	20	12.79	12.91	12.73		
15	16QAM	36	39	12.93	12.89	12.82		
15	16QAM	75	0	13.00	12.94	12.79		
15	64QAM	1	0	12.98	12.97	12.81	14.7	0
15	64QAM	1	37	12.81	12.92	12.90		
15	64QAM	1	74	12.87	12.94	12.83		
15	64QAM	36	0	12.76	12.96	12.75	14.7	0
15	64QAM	36	20	12.91	12.90	12.76		
15	64QAM	36	39	12.87	12.83	12.70		
15	64QAM	75	0	12.93	12.98	12.90		
15	256QAM	1	0	12.95	12.96	12.93	14.7	0
15	256QAM	1	37	12.89	12.89	12.84		
15	256QAM	1	74	12.89	12.92	12.78		
15	256QAM	36	0	12.86	12.95	12.86	14.7	0
15	256QAM	36	20	12.89	12.95	12.81		
15	256QAM	36	39	12.89	12.95	12.75		
15	256QAM	75	0	12.90	13.01	12.82		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	12.97	13.04	13.06	14.7	0
10	QPSK	1	25	12.92	12.96	12.90		
10	QPSK	1	49	13.01	12.95	12.93		
10	QPSK	25	0	12.88	13.07	12.93	14.7	0
10	QPSK	25	12	12.96	13.03	12.89		
10	QPSK	25	25	12.99	12.99	12.89		
10	QPSK	50	0	13.01	13.02	12.92		
10	16QAM	1	0	12.91	13.03	12.92	14.7	0
10	16QAM	1	25	12.86	12.95	12.91		
10	16QAM	1	49	12.89	12.85	12.78		
10	16QAM	25	0	12.84	12.98	12.81	14.7	0
10	16QAM	25	12	12.88	12.86	12.79		
10	16QAM	25	25	12.85	12.95	12.80		
10	16QAM	50	0	12.95	12.99	12.75		
10	64QAM	1	0	12.93	12.97	12.88	14.7	0
10	64QAM	1	25	12.90	12.87	12.85		
10	64QAM	1	49	12.94	12.91	12.83		
10	64QAM	25	0	12.83	12.97	12.78	14.7	0
10	64QAM	25	12	12.85	12.95	12.80		
10	64QAM	25	25	12.87	12.84	12.74		
10	64QAM	50	0	12.93	12.89	12.82		
10	256QAM	1	0	12.99	12.92	12.96	14.7	0
10	256QAM	1	25	12.94	12.85	12.79		
10	256QAM	1	49	12.95	12.95	12.85		
10	256QAM	25	0	12.86	13.01	12.79	14.7	0
10	256QAM	25	12	12.97	12.99	12.74		
10	256QAM	25	25	12.97	13.01	12.73		
10	256QAM	50	0	12.91	12.94	12.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	13.00	13.05	13.05	14.7	0
5	QPSK	1	12	12.87	13.00	12.93		
5	QPSK	1	24	13.02	13.01	12.82		
5	QPSK	12	0	12.93	13.09	12.89	14.7	0
5	QPSK	12	7	13.01	13.04	12.84		
5	QPSK	12	13	13.01	12.99	12.80		
5	QPSK	25	0	12.94	12.97	12.92		
5	16QAM	1	0	12.93	13.06	12.98	14.7	0
5	16QAM	1	12	12.91	12.88	12.85		
5	16QAM	1	24	12.98	12.85	12.84		
5	16QAM	12	0	12.78	12.94	12.76	14.7	0
5	16QAM	12	7	12.78	12.92	12.79		
5	16QAM	12	13	12.89	12.96	12.80		
5	16QAM	25	0	12.90	13.01	12.86		
5	64QAM	1	0	12.89	12.95	12.90	14.7	0
5	64QAM	1	12	12.89	12.89	12.86		
5	64QAM	1	24	12.88	12.90	12.80		
5	64QAM	12	0	12.82	12.97	12.78	14.7	0
5	64QAM	12	7	12.92	12.93	12.77		
5	64QAM	12	13	12.84	12.92	12.73		
5	64QAM	25	0	12.89	12.91	12.86		
5	256QAM	1	0	12.97	12.91	12.92	14.7	0
5	256QAM	1	12	12.94	12.86	12.79		
5	256QAM	1	24	12.92	12.93	12.82		
5	256QAM	12	0	12.92	12.94	12.77	14.7	0
5	256QAM	12	7	12.93	13.02	12.81		
5	256QAM	12	13	12.95	13.02	12.74		
5	256QAM	25	0	12.94	12.91	12.78		

Band 42 Part 27Q Ant 6 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.38	16.42	16.36	17.5	0
20	QPSK	1	49	16.35	16.39	16.29		
20	QPSK	1	99	16.29	16.29	16.32		
20	QPSK	50	0	16.30	16.38	16.31	17.5	0
20	QPSK	50	24	16.33	16.33	16.24		
20	QPSK	50	50	16.27	16.30	16.22		
20	QPSK	100	0	16.27	16.34	16.31		
20	16QAM	1	0	16.31	16.31	16.23	17.5	0
20	16QAM	1	49	16.31	16.36	16.25		
20	16QAM	1	99	16.16	16.24	16.27		
20	16QAM	50	0	16.23	16.30	16.20	17.5	0
20	16QAM	50	24	16.26	16.20	16.10		
20	16QAM	50	50	16.17	16.24	16.10		
20	16QAM	100	0	16.25	16.26	16.25		
20	64QAM	1	0	16.35	16.29	16.33	17.5	0
20	64QAM	1	49	16.30	16.31	16.21		
20	64QAM	1	99	16.25	16.25	16.27		
20	64QAM	50	0	16.17	16.31	16.22	17.5	0
20	64QAM	50	24	16.23	16.24	16.11		
20	64QAM	50	50	16.18	16.23	16.09		
20	64QAM	100	0	16.18	16.23	16.18		
20	256QAM	1	0	16.34	16.32	16.30	17.5	0
20	256QAM	1	49	16.29	16.32	16.22		
20	256QAM	1	99	16.25	16.15	16.21		
20	256QAM	50	0	16.20	16.36	16.27	17.5	0
20	256QAM	50	24	16.22	16.30	16.20		
20	256QAM	50	50	16.17	16.27	16.09		
20	256QAM	100	0	16.22	16.32	16.18		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.33	16.31	16.23	17.5	0
15	QPSK	1	37	16.27	16.32	16.21		
15	QPSK	1	74	16.27	16.24	16.27		
15	QPSK	36	0	16.24	16.25	16.22	17.5	0
15	QPSK	36	20	16.20	16.29	16.11		
15	QPSK	36	39	16.17	16.17	16.16		
15	QPSK	75	0	16.20	16.22	16.25		
15	16QAM	1	0	16.23	16.18	16.10	17.5	0
15	16QAM	1	37	16.25	16.31	16.22		
15	16QAM	1	74	16.10	16.22	16.17		
15	16QAM	36	0	16.21	16.21	16.12	17.5	0
15	16QAM	36	20	16.13	16.15	16.00		
15	16QAM	36	39	16.10	16.13	16.03		
15	16QAM	75	0	16.16	16.18	16.15		
15	64QAM	1	0	16.28	16.22	16.20	17.5	0
15	64QAM	1	37	16.16	16.19	16.18		
15	64QAM	1	74	16.22	16.21	16.24		
15	64QAM	36	0	16.13	16.26	16.14	17.5	0
15	64QAM	36	20	16.09	16.16	16.04		
15	64QAM	36	39	16.10	16.18	15.97		
15	64QAM	75	0	16.08	16.15	16.05		
15	256QAM	1	0	16.20	16.26	16.21	17.5	0
15	256QAM	1	37	16.18	16.22	16.09		
15	256QAM	1	74	16.12	16.03	16.19		
15	256QAM	36	0	16.07	16.26	16.17	17.5	0
15	256QAM	36	20	16.11	16.18	16.13		
15	256QAM	36	39	16.14	16.15	15.98		
15	256QAM	75	0	16.12	16.19	16.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.31	16.35	16.33	17.5	0
10	QPSK	1	25	16.31	16.30	16.22		
10	QPSK	1	49	16.19	16.20	16.28		
10	QPSK	25	0	16.27	16.33	16.25	17.5	0
10	QPSK	25	12	16.24	16.29	16.16		
10	QPSK	25	25	16.21	16.16	16.12		
10	QPSK	50	0	16.15	16.31	16.25	17.5	0
10	16QAM	1	0	16.21	16.21	16.20		
10	16QAM	1	25	16.19	16.26	16.21		
10	16QAM	1	49	16.03	16.17	16.18		
10	16QAM	25	0	16.13	16.23	16.06	17.5	0
10	16QAM	25	12	16.16	16.11	16.06		
10	16QAM	25	25	16.10	16.19	16.04		
10	16QAM	50	0	16.19	16.16	16.14		
10	64QAM	1	0	16.23	16.26	16.29	17.5	0
10	64QAM	1	25	16.19	16.22	16.16		
10	64QAM	1	49	16.22	16.22	16.17		
10	64QAM	25	0	16.11	16.27	16.10	17.5	0
10	64QAM	25	12	16.13	16.21	16.02		
10	64QAM	25	25	16.09	16.21	16.04		
10	64QAM	50	0	16.12	16.20	16.08		
10	256QAM	1	0	16.20	16.28	16.22	17.5	0
10	256QAM	1	25	16.20	16.25	16.13		
10	256QAM	1	49	16.19	16.06	16.16		
10	256QAM	25	0	16.17	16.34	16.19	17.5	0
10	256QAM	25	12	16.13	16.17	16.07		
10	256QAM	25	25	16.14	16.19	15.98		
10	256QAM	50	0	16.12	16.21	16.12		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.31	16.37	16.23	17.5	0
5	QPSK	1	12	16.32	16.25	16.22		
5	QPSK	1	24	16.26	16.18	16.26		
5	QPSK	12	0	16.23	16.28	16.26	17.5	0
5	QPSK	12	7	16.28	16.26	16.18		
5	QPSK	12	13	16.17	16.27	16.12		
5	QPSK	25	0	16.22	16.31	16.28		
5	16QAM	1	0	16.19	16.25	16.13	17.5	0
5	16QAM	1	12	16.24	16.31	16.21		
5	16QAM	1	24	16.10	16.12	16.18		
5	16QAM	12	0	16.10	16.26	16.12	17.5	0
5	16QAM	12	7	16.19	16.14	16.05		
5	16QAM	12	13	16.07	16.15	15.98		
5	16QAM	25	0	16.16	16.13	16.18		
5	64QAM	1	0	16.25	16.19	16.27	17.5	0
5	64QAM	1	12	16.22	16.24	16.17		
5	64QAM	1	24	16.15	16.16	16.14		
5	64QAM	12	0	16.07	16.27	16.11	17.5	0
5	64QAM	12	7	16.10	16.17	15.99		
5	64QAM	12	13	16.11	16.12	15.96		
5	64QAM	25	0	16.09	16.09	16.10		
5	256QAM	1	0	16.27	16.30	16.17	17.5	0
5	256QAM	1	12	16.17	16.19	16.15		
5	256QAM	1	24	16.15	16.11	16.09		
5	256QAM	12	0	16.11	16.24	16.16	17.5	0
5	256QAM	12	7	16.09	16.23	16.17		
5	256QAM	12	13	16.06	16.15	15.97		
5	256QAM	25	0	16.10	16.29	16.07		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.89	17.92	17.85	19.4	0
20	QPSK	1	49	17.76	17.89	17.82		
20	QPSK	1	99	17.87	17.89	17.78		
20	QPSK	50	0	17.81	17.86	17.83	19.4	0
20	QPSK	50	24	17.81	17.79	17.80		
20	QPSK	50	50	17.83	17.83	17.80		
20	QPSK	100	0	17.78	17.82	17.81		
20	16QAM	1	0	17.80	17.82	17.76	19.4	0
20	16QAM	1	49	17.63	17.85	17.74		
20	16QAM	1	99	17.74	17.80	17.72		
20	16QAM	50	0	17.78	17.72	17.69	19.4	0
20	16QAM	50	24	17.67	17.66	17.72		
20	16QAM	50	50	17.79	17.70	17.72		
20	16QAM	100	0	17.66	17.72	17.79		
20	64QAM	1	0	17.82	17.80	17.75	19.4	0
20	64QAM	1	49	17.68	17.83	17.70		
20	64QAM	1	99	17.78	17.79	17.69		
20	64QAM	50	0	17.76	17.79	17.79	19.4	0
20	64QAM	50	24	17.74	17.70	17.73		
20	64QAM	50	50	17.78	17.80	17.75		
20	64QAM	100	0	17.72	17.71	17.72		
20	256QAM	1	0	17.50	17.47	17.41	19	0.4
20	256QAM	1	49	17.34	17.47	17.46		
20	256QAM	1	99	17.42	17.52	17.35		
20	256QAM	50	0	17.37	17.46	17.46	19	0.4
20	256QAM	50	24	17.39	17.33	17.36		
20	256QAM	50	50	17.46	17.48	17.35		
20	256QAM	100	0	17.33	17.42	17.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.81	17.79	17.80	19.4	0
15	QPSK	1	37	17.68	17.79	17.78		
15	QPSK	1	74	17.82	17.82	17.64		
15	QPSK	36	0	17.74	17.76	17.73	19.4	0
15	QPSK	36	20	17.77	17.76	17.78		
15	QPSK	36	39	17.73	17.78	17.75		
15	QPSK	75	0	17.76	17.73	17.68		
15	16QAM	1	0	17.71	17.80	17.68	19.4	0
15	16QAM	1	37	17.57	17.81	17.65		
15	16QAM	1	74	17.62	17.74	17.58		
15	16QAM	36	0	17.72	17.62	17.63	19.4	0
15	16QAM	36	20	17.62	17.53	17.69		
15	16QAM	36	39	17.72	17.62	17.67		
15	16QAM	75	0	17.53	17.67	17.72		
15	64QAM	1	0	17.75	17.69	17.66	19.4	0
15	64QAM	1	37	17.63	17.74	17.66		
15	64QAM	1	74	17.71	17.67	17.65		
15	64QAM	36	0	17.68	17.76	17.72	19.4	0
15	64QAM	36	20	17.70	17.63	17.70		
15	64QAM	36	39	17.65	17.72	17.62		
15	64QAM	75	0	17.60	17.63	17.68		
15	256QAM	1	0	17.43	17.43	17.39	19	0.4
15	256QAM	1	37	17.25	17.44	17.39		
15	256QAM	1	74	17.35	17.42	17.32		
15	256QAM	36	0	17.28	17.43	17.41	19	0.4
15	256QAM	36	20	17.29	17.28	17.31		
15	256QAM	36	39	17.34	17.36	17.30		
15	256QAM	75	0	17.25	17.40	17.42		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.83	17.89	17.79	19.4	0
10	QPSK	1	25	17.70	17.81	17.77		
10	QPSK	1	49	17.84	17.85	17.75		
10	QPSK	25	0	17.74	17.82	17.78	19.4	0
10	QPSK	25	12	17.78	17.73	17.75		
10	QPSK	25	25	17.74	17.78	17.74		
10	QPSK	50	0	17.70	17.75	17.79	19.4	0
10	16QAM	1	0	17.67	17.75	17.70		
10	16QAM	1	25	17.57	17.80	17.70		
10	16QAM	1	49	17.61	17.71	17.67		
10	16QAM	25	0	17.70	17.60	17.65	19.4	0
10	16QAM	25	12	17.59	17.57	17.61		
10	16QAM	25	25	17.77	17.66	17.67		
10	16QAM	50	0	17.58	17.64	17.69		
10	64QAM	1	0	17.68	17.76	17.65	19.4	0
10	64QAM	1	25	17.58	17.73	17.65		
10	64QAM	1	49	17.74	17.66	17.56		
10	64QAM	25	0	17.66	17.74	17.77	19.4	0
10	64QAM	25	12	17.64	17.62	17.64		
10	64QAM	25	25	17.71	17.71	17.68		
10	64QAM	50	0	17.64	17.60	17.61		
10	256QAM	1	0	17.46	17.39	17.28	19	0.4
10	256QAM	1	25	17.27	17.36	17.36		
10	256QAM	1	49	17.37	17.43	17.27		
10	256QAM	25	0	17.34	17.37	17.36	19	0.4
10	256QAM	25	12	17.29	17.21	17.22		
10	256QAM	25	25	17.41	17.39	17.31		
10	256QAM	50	0	17.23	17.37	17.38		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.87	17.84	17.79	19.4	0
5	QPSK	1	12	17.73	17.82	17.69		
5	QPSK	1	24	17.73	17.78	17.75		
5	QPSK	12	0	17.67	17.79	17.77	19.4	0
5	QPSK	12	7	17.71	17.73	17.73		
5	QPSK	12	13	17.74	17.76	17.67		
5	QPSK	25	0	17.68	17.73	17.70		
5	16QAM	1	0	17.67	17.75	17.70	19.4	0
5	16QAM	1	12	17.57	17.73	17.61		
5	16QAM	1	24	17.61	17.71	17.58		
5	16QAM	12	0	17.66	17.60	17.57	19.4	0
5	16QAM	12	7	17.61	17.58	17.63		
5	16QAM	12	13	17.70	17.60	17.59		
5	16QAM	25	0	17.61	17.68	17.66		
5	64QAM	1	0	17.70	17.68	17.61	19.4	0
5	64QAM	1	12	17.62	17.76	17.66		
5	64QAM	1	24	17.69	17.75	17.57		
5	64QAM	12	0	17.72	17.67	17.73	19.4	0
5	64QAM	12	7	17.68	17.62	17.66		
5	64QAM	12	13	17.76	17.73	17.63		
5	64QAM	25	0	17.62	17.64	17.65		
5	256QAM	1	0	17.47	17.41	17.38	19	0.4
5	256QAM	1	12	17.24	17.43	17.43		
5	256QAM	1	24	17.28	17.44	17.23		
5	256QAM	12	0	17.29	17.33	17.34	19	0.4
5	256QAM	12	7	17.30	17.21	17.31		
5	256QAM	12	13	17.38	17.40	17.26		
5	256QAM	25	0	17.26	17.39	17.44		

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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)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.50	19.55	19.48	21	0
20	QPSK	1	49	19.45	19.43	19.36		
20	QPSK	1	99	19.42	19.47	19.39		
20	QPSK	50	0	19.40	19.52	19.39	21	0
20	QPSK	50	24	19.37	19.49	19.35		
20	QPSK	50	50	19.41	19.44	19.35		
20	QPSK	100	0	19.45	19.51	19.43		
20	16QAM	1	0	19.43	19.48	19.38	21	0
20	16QAM	1	49	19.38	19.39	19.24		
20	16QAM	1	99	19.33	19.37	19.28		
20	16QAM	50	0	19.37	19.38	19.36	21	0
20	16QAM	50	24	19.33	19.37	19.23		
20	16QAM	50	50	19.37	19.37	19.23		
20	16QAM	100	0	19.43	19.42	19.31		
20	64QAM	1	0	19.38	19.43	19.43	21	0
20	64QAM	1	49	19.38	19.34	19.32		
20	64QAM	1	99	19.35	19.40	19.29		
20	64QAM	50	0	19.33	19.45	19.30	21	0
20	64QAM	50	24	19.33	19.41	19.25		
20	64QAM	50	50	19.36	19.38	19.27		
20	64QAM	100	0	19.35	19.43	19.34		
20	256QAM	1	0	17.53	17.59	17.43	19	2
20	256QAM	1	49	17.49	17.48	17.40		
20	256QAM	1	99	17.41	17.48	17.36		
20	256QAM	50	0	17.38	17.52	17.34	19	2
20	256QAM	50	24	17.35	17.48	17.35		
20	256QAM	50	50	17.41	17.44	17.36		
20	256QAM	100	0	17.42	17.48	17.44		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.46	19.45	19.44	21	0
15	QPSK	1	37	19.42	19.41	19.28		
15	QPSK	1	74	19.35	19.40	19.35		
15	QPSK	36	0	19.38	19.39	19.33	21	0
15	QPSK	36	20	19.28	19.35	19.29		
15	QPSK	36	39	19.37	19.37	19.29		
15	QPSK	75	0	19.42	19.40	19.30		
15	16QAM	1	0	19.30	19.43	19.31	21	0
15	16QAM	1	37	19.36	19.36	19.16		
15	16QAM	1	74	19.20	19.26	19.18		
15	16QAM	36	0	19.25	19.35	19.29	21	0
15	16QAM	36	20	19.27	19.33	19.13		
15	16QAM	36	39	19.31	19.24	19.18		
15	16QAM	75	0	19.40	19.28	19.26		
15	64QAM	1	0	19.32	19.40	19.34	21	0
15	64QAM	1	37	19.31	19.27	19.29		
15	64QAM	1	74	19.26	19.28	19.17		
15	64QAM	36	0	19.20	19.40	19.27	21	0
15	64QAM	36	20	19.27	19.33	19.13		
15	64QAM	36	39	19.27	19.28	19.19		
15	64QAM	75	0	19.26	19.36	19.21		
15	256QAM	1	0	17.40	17.48	17.35	19	2
15	256QAM	1	37	17.46	17.41	17.37		
15	256QAM	1	74	17.35	17.45	17.28		
15	256QAM	36	0	17.29	17.45	17.28	19	2
15	256QAM	36	20	17.26	17.42	17.24		
15	256QAM	36	39	17.29	17.30	17.29		
15	256QAM	75	0	17.37	17.38	17.32		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.46	19.41	19.46	21	0
10	QPSK	1	25	19.34	19.36	19.24		
10	QPSK	1	49	19.30	19.38	19.34		
10	QPSK	25	0	19.29	19.48	19.28	21	0
10	QPSK	25	12	19.27	19.45	19.32		
10	QPSK	25	25	19.34	19.41	19.26		
10	QPSK	50	0	19.39	19.48	19.38		
10	16QAM	1	0	19.37	19.38	19.32	21	0
10	16QAM	1	25	19.33	19.28	19.14		
10	16QAM	1	49	19.26	19.23	19.25		
10	16QAM	25	0	19.34	19.25	19.28	21	0
10	16QAM	25	12	19.21	19.32	19.15		
10	16QAM	25	25	19.33	19.29	19.09		
10	16QAM	50	0	19.38	19.28	19.25		
10	64QAM	1	0	19.25	19.39	19.30	21	0
10	64QAM	1	25	19.28	19.25	19.22		
10	64QAM	1	49	19.27	19.35	19.20		
10	64QAM	25	0	19.20	19.34	19.21	21	0
10	64QAM	25	12	19.30	19.32	19.16		
10	64QAM	25	25	19.24	19.36	19.19		
10	64QAM	50	0	19.33	19.33	19.20		
10	256QAM	1	0	17.49	17.56	17.32	19	2
10	256QAM	1	25	17.45	17.36	17.33		
10	256QAM	1	49	17.27	17.35	17.28		
10	256QAM	25	0	17.32	17.45	17.29	19	2
10	256QAM	25	12	17.26	17.34	17.32		
10	256QAM	25	25	17.34	17.36	17.24		
10	256QAM	50	0	17.35	17.39	17.41		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.39	19.52	19.43	21	0
5	QPSK	1	12	19.43	19.38	19.23		
5	QPSK	1	24	19.32	19.41	19.29		
5	QPSK	12	0	19.29	19.39	19.33	21	0
5	QPSK	12	7	19.30	19.43	19.27		
5	QPSK	12	13	19.33	19.33	19.32		
5	QPSK	25	0	19.32	19.49	19.30		
5	16QAM	1	0	19.37	19.40	19.24	21	0
5	16QAM	1	12	19.26	19.27	19.14		
5	16QAM	1	24	19.31	19.27	19.20		
5	16QAM	12	0	19.24	19.28	19.26	21	0
5	16QAM	12	7	19.22	19.32	19.09		
5	16QAM	12	13	19.34	19.27	19.13		
5	16QAM	25	0	19.32	19.34	19.28		
5	64QAM	1	0	19.33	19.32	19.41	21	0
5	64QAM	1	12	19.32	19.25	19.29		
5	64QAM	1	24	19.22	19.32	19.16		
5	64QAM	12	0	19.22	19.36	19.17	21	0
5	64QAM	12	7	19.24	19.34	19.16		
5	64QAM	12	13	19.33	19.29	19.19		
5	64QAM	25	0	19.28	19.39	19.27		
5	256QAM	1	0	17.47	17.50	17.30	19	2
5	256QAM	1	12	17.46	17.43	17.27		
5	256QAM	1	24	17.29	17.39	17.23		
5	256QAM	12	0	17.26	17.42	17.24	19	2
5	256QAM	12	7	17.31	17.38	17.31		
5	256QAM	12	13	17.35	17.42	17.34		
5	256QAM	25	0	17.38	17.45	17.32		

UL CA_Full Power

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.63	24.00
132322	132415	QPSK	1	74	1	0	22.65	24.00
132597	132504	QPSK	1	0	1	24	22.55	24.00

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.67	24.00
132322	132415	QPSK	1	74	1	0	22.78	24.00
132597	132504	QPSK	1	0	1	24	22.70	24.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.48	24.00
132322	132415	QPSK	1	74	1	0	22.53	24.00
132597	132504	QPSK	1	0	1	24	22.25	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.51	24.00
132322	132415	QPSK	1	74	1	0	22.64	24.00
132597	132504	QPSK	1	0	1	24	22.46	24.00

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.71	24.00
132322	132520	QPSK	1	99	1	0	22.74	24.00
132572	132374	QPSK	1	0	1	99	22.63	24.00

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.80	24.00
132322	132520	QPSK	1	99	1	0	22.83	24.00
132572	132374	QPSK	1	0	1	99	22.75	24.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.52	24.00
132322	132520	QPSK	1	99	1	0	22.57	24.00
132572	132374	QPSK	1	0	1	99	22.38	24.00

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.58	24.00
132322	132520	QPSK	1	99	1	0	22.68	24.00
132572	132374	QPSK	1	0	1	99	22.59	24.00

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.63	24.00
40185	40383	QPSK	1	99	1	0	22.69	24.00
40620	40818	QPSK	1	99	1	0	22.73	24.00
41055	41253	QPSK	1	99	1	0	22.67	24.00
41490	41292	QPSK	1	0	1	99	22.72	24.00

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.64	24.00
40185	40383	QPSK	1	99	1	0	22.73	24.00
40620	40818	QPSK	1	99	1	0	22.85	24.00
41055	41253	QPSK	1	99	1	0	22.78	24.00
41490	41292	QPSK	1	0	1	99	22.75	24.00

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.64	24.00
40185	40383	QPSK	1	99	1	0	22.71	24.00
40620	40818	QPSK	1	99	1	0	22.85	24.00
41055	41253	QPSK	1	99	1	0	22.8	24.00
41490	41292	QPSK	1	0	1	99	22.74	24.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.45	24.00
40185	40383	QPSK	1	99	1	0	22.39	24.00
40620	40818	QPSK	1	99	1	0	22.55	24.00
41055	41253	QPSK	1	99	1	0	22.48	24.00
41490	41292	QPSK	1	0	1	99	22.39	24.00

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.7	27.00
40185	40383	QPSK	1	99	1	0	25.76	27.00
40620	40818	QPSK	1	99	1	0	25.81	27.00
41055	41253	QPSK	1	99	1	0	25.67	27.00
41490	41292	QPSK	1	0	1	99	25.78	27.00

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.6	27.00
40185	40383	QPSK	1	99	1	0	25.73	27.00
40620	40818	QPSK	1	99	1	0	25.77	27.00
41055	41253	QPSK	1	99	1	0	25.71	27.00
41490	41292	QPSK	1	0	1	99	25.64	27.00

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.55	27.00
40185	40383	QPSK	1	99	1	0	25.53	27.00
40620	40818	QPSK	1	99	1	0	25.59	27.00
41055	41253	QPSK	1	99	1	0	25.47	27.00
41490	41292	QPSK	1	0	1	99	25.58	27.00

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.53	27.00
40185	40383	QPSK	1	99	1	0	25.62	27.00
40620	40818	QPSK	1	99	1	0	25.63	27.00
41055	41253	QPSK	1	99	1	0	25.54	27.00
41490	41292	QPSK	1	0	1	99	25.46	27.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.89	24.00
42590	42788	QPSK	1	99	1	0	23.01	24.00
42990	42792	QPSK	1	0	1	99	22.97	24.00

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.58	24.00
42590	42788	QPSK	1	99	1	0	22.69	24.00
42990	42792	QPSK	1	0	1	99	22.56	24.00

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.66	24.00
42590	42788	QPSK	1	99	1	0	23.74	24.00
42990	42792	QPSK	1	0	1	99	23.61	24.00

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.24	24.00
42590	42788	QPSK	1	99	1	0	23.29	24.00
42990	42792	QPSK	1	0	1	99	23.17	24.00

UL CA_ECI 2

CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	12.18	13.50
132322	132415	QPSK	1	74	1	0	12.27	13.50
132597	132504	QPSK	1	0	1	24	12.20	13.50

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	13.92	15.50
132322	132415	QPSK	1	74	1	0	14.02	15.50
132597	132504	QPSK	1	0	1	24	13.92	15.50

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.48	24.00
132322	132415	QPSK	1	74	1	0	22.53	24.00
132597	132504	QPSK	1	0	1	24	22.25	24.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.51	24.00
132322	132415	QPSK	1	74	1	0	22.64	24.00
132597	132504	QPSK	1	0	1	24	22.46	24.00

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	12.25	13.50
132322	132520	QPSK	1	99	1	0	12.29	13.50
132572	132374	QPSK	1	0	1	99	12.24	13.50

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	13.98	15.50
132322	132520	QPSK	1	99	1	0	14.04	15.50
132572	132374	QPSK	1	0	1	99	14.03	15.50

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.52	24.00
132322	132520	QPSK	1	99	1	0	22.57	24.00
132572	132374	QPSK	1	0	1	99	22.38	24.00

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.58	24.00
132322	132520	QPSK	1	99	1	0	22.68	24.00
132572	132374	QPSK	1	0	1	99	22.59	24.00

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	14.42	15.50
40185	40383	QPSK	1	99	1	0	14.53	15.50
40620	40818	QPSK	1	99	1	0	14.56	15.50
41055	41253	QPSK	1	99	1	0	14.46	15.50
41490	41292	QPSK	1	0	1	99	14.43	15.50

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.92	18.70
40185	40383	QPSK	1	99	1	0	17.91	18.70
40620	40818	QPSK	1	99	1	0	18.04	18.70
41055	41253	QPSK	1	99	1	0	18	18.70
41490	41292	QPSK	1	0	1	99	17.96	18.70

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.14	25.00
40185	40383	QPSK	1	99	1	0	23.21	25.00
40620	40818	QPSK	1	99	1	0	23.35	25.00
41055	41253	QPSK	1	99	1	0	23.3	25.00
41490	41292	QPSK	1	0	1	99	23.24	25.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.85	25.00
40185	40383	QPSK	1	99	1	0	22.79	25.00
40620	40818	QPSK	1	99	1	0	22.95	25.00
41055	41253	QPSK	1	99	1	0	22.88	25.00
41490	41292	QPSK	1	0	1	99	22.79	25.00

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	15.59	17.10
40185	40383	QPSK	1	99	1	0	15.63	17.10
40620	40818	QPSK	1	99	1	0	15.68	17.10
41055	41253	QPSK	1	99	1	0	15.57	17.10
41490	41292	QPSK	1	0	1	99	15.67	17.10

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.24	20.30
40185	40383	QPSK	1	99	1	0	19.24	20.30
40620	40818	QPSK	1	99	1	0	19.27	20.30
41055	41253	QPSK	1	99	1	0	19.23	20.30
41490	41292	QPSK	1	0	1	99	19.21	20.30

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	26.15	28.00
40185	40383	QPSK	1	99	1	0	26.13	28.00
40620	40818	QPSK	1	99	1	0	26.19	28.00
41055	41253	QPSK	1	99	1	0	26.07	28.00
41490	41292	QPSK	1	0	1	99	26.18	28.00

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.93	27.00
40185	40383	QPSK	1	99	1	0	26.02	27.00
40620	40818	QPSK	1	99	1	0	26.03	27.00
41055	41253	QPSK	1	99	1	0	25.94	27.00
41490	41292	QPSK	1	0	1	99	25.86	27.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	14.31	15.40
42590	42788	QPSK	1	99	1	0	14.34	15.40
42990	42792	QPSK	1	0	1	99	14.27	15.40

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	15.09	16.50
42590	42788	QPSK	1	99	1	0	15.1	16.50
42990	42792	QPSK	1	0	1	99	15.03	16.50

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	15.49	16.70
42590	42788	QPSK	1	99	1	0	15.56	16.70
42990	42792	QPSK	1	0	1	99	15.48	16.70

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	21.07	22.30
42590	42788	QPSK	1	99	1	0	21.16	22.30
42990	42792	QPSK	1	0	1	99	21.07	22.30

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CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	14.86	16.20
132322	132415	QPSK	1	74	1	0	14.93	16.20
132597	132504	QPSK	1	0	1	24	14.90	16.20

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.90	20.30
132322	132415	QPSK	1	74	1	0	18.96	20.30
132597	132504	QPSK	1	0	1	24	18.87	20.30

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.41	22.00
132322	132415	QPSK	1	74	1	0	20.46	22.00
132597	132504	QPSK	1	0	1	24	20.33	22.00

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	19.68	21.10
132322	132415	QPSK	1	74	1	0	19.71	21.10
132597	132504	QPSK	1	0	1	24	19.69	21.10

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	14.88	16.20
132322	132520	QPSK	1	99	1	0	14.96	16.20
132572	132374	QPSK	1	0	1	99	14.89	16.20

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.91	20.30
132322	132520	QPSK	1	99	1	0	18.97	20.30
132572	132374	QPSK	1	0	1	99	18.90	20.30

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	20.45	22.00
132322	132520	QPSK	1	99	1	0	20.52	22.00
132572	132374	QPSK	1	0	1	99	20.39	22.00

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	19.71	21.10
132322	132520	QPSK	1	99	1	0	19.79	21.10
132572	132374	QPSK	1	0	1	99	19.77	21.10

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.83	18.90
40185	40383	QPSK	1	99	1	0	17.86	18.90
40620	40818	QPSK	1	99	1	0	17.89	18.90
41055	41253	QPSK	1	99	1	0	17.84	18.90
41490	41292	QPSK	1	0	1	99	17.81	18.90

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.49	21.40
40185	40383	QPSK	1	99	1	0	20.37	21.40
40620	40818	QPSK	1	99	1	0	20.53	21.40
41055	41253	QPSK	1	99	1	0	20.48	21.40
41490	41292	QPSK	1	0	1	99	20.45	21.40

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.79	23.20
40185	40383	QPSK	1	99	1	0	21.86	23.20
40620	40818	QPSK	1	99	1	0	21.93	23.20
41055	41253	QPSK	1	99	1	0	21.86	23.20
41490	41292	QPSK	1	0	1	99	21.76	23.20

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.12	22.10
40185	40383	QPSK	1	99	1	0	21.14	22.10
40620	40818	QPSK	1	99	1	0	21.23	22.10
41055	41253	QPSK	1	99	1	0	21.19	22.10
41490	41292	QPSK	1	0	1	99	21.12	22.10

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.05	20.50
40185	40383	QPSK	1	99	1	0	19.12	20.50
40620	40818	QPSK	1	99	1	0	19.15	20.50
41055	41253	QPSK	1	99	1	0	19.14	20.50
41490	41292	QPSK	1	0	1	99	19.1	20.50

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.65	23.00
40185	40383	QPSK	1	99	1	0	21.72	23.00
40620	40818	QPSK	1	99	1	0	21.79	23.00
41055	41253	QPSK	1	99	1	0	21.69	23.00
41490	41292	QPSK	1	0	1	99	21.68	23.00

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.27	24.80
40185	40383	QPSK	1	99	1	0	23.27	24.80
40620	40818	QPSK	1	99	1	0	23.35	24.80
41055	41253	QPSK	1	99	1	0	23.25	24.80
41490	41292	QPSK	1	0	1	99	23.31	24.80

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.4	23.70
40185	40383	QPSK	1	99	1	0	22.47	23.70
40620	40818	QPSK	1	99	1	0	22.55	23.70
41055	41253	QPSK	1	99	1	0	22.51	23.70
41490	41292	QPSK	1	0	1	99	22.43	23.70

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.21	17.40
42590	42788	QPSK	1	99	1	0	16.38	17.40
42990	42792	QPSK	1	0	1	99	16.28	17.40

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.03	23.40
42590	42788	QPSK	1	99	1	0	22.05	23.40
42990	42792	QPSK	1	0	1	99	22.02	23.40

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.53	19.00
42590	42788	QPSK	1	99	1	0	17.54	19.00
42990	42792	QPSK	1	0	1	99	17.45	19.00

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	21.03	22.50
42590	42788	QPSK	1	99	1	0	21.15	22.50
42990	42792	QPSK	1	0	1	99	21.05	22.50

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CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	9.77	11.30
132322	132415	QPSK	1	74	1	0	9.87	11.30
132597	132504	QPSK	1	0	1	24	9.82	11.30

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	17.01	18.30
132322	132415	QPSK	1	74	1	0	17.08	18.30
132597	132504	QPSK	1	0	1	24	16.96	18.30

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	20.91	22.50
132322	132415	QPSK	1	74	1	0	20.94	22.50
132597	132504	QPSK	1	0	1	24	20.86	22.50

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.40	19.80
132322	132415	QPSK	1	74	1	0	18.48	19.80
132597	132504	QPSK	1	0	1	24	18.45	19.80

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	9.86	11.30
132322	132520	QPSK	1	99	1	0	9.95	11.30
132572	132374	QPSK	1	0	1	99	9.84	11.30

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	17.06	18.30
132322	132520	QPSK	1	99	1	0	17.12	18.30
132572	132374	QPSK	1	0	1	99	17.04	18.30

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	20.97	22.50
132322	132520	QPSK	1	99	1	0	21.03	22.50
132572	132374	QPSK	1	0	1	99	20.96	22.50

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.46	19.80
132322	132520	QPSK	1	99	1	0	18.54	19.80
132572	132374	QPSK	1	0	1	99	18.51	19.80

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	16.36	17.30
40185	40383	QPSK	1	99	1	0	16.42	17.30
40620	40818	QPSK	1	99	1	0	16.43	17.30
41055	41253	QPSK	1	99	1	0	16.41	17.30
41490	41292	QPSK	1	0	1	99	16.4	17.30

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	15.91	16.90
40185	40383	QPSK	1	99	1	0	15.94	16.90
40620	40818	QPSK	1	99	1	0	15.99	16.90
41055	41253	QPSK	1	99	1	0	15.85	16.90
41490	41292	QPSK	1	0	1	99	15.9	16.90

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.59	22.60
40185	40383	QPSK	1	99	1	0	21.67	22.60
40620	40818	QPSK	1	99	1	0	21.74	22.60
41055	41253	QPSK	1	99	1	0	21.69	22.60
41490	41292	QPSK	1	0	1	99	21.67	22.60

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.52	20.90
40185	40383	QPSK	1	99	1	0	19.53	20.90
40620	40818	QPSK	1	99	1	0	19.63	20.90
41055	41253	QPSK	1	99	1	0	19.59	20.90
41490	41292	QPSK	1	0	1	99	19.61	20.90

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.64	18.90
40185	40383	QPSK	1	99	1	0	17.71	18.90
40620	40818	QPSK	1	99	1	0	17.76	18.90
41055	41253	QPSK	1	99	1	0	17.69	18.90
41490	41292	QPSK	1	0	1	99	17.69	18.90

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.14	18.50
40185	40383	QPSK	1	99	1	0	16.99	18.50
40620	40818	QPSK	1	99	1	0	17.15	18.50
41055	41253	QPSK	1	99	1	0	17.1	18.50
41490	41292	QPSK	1	0	1	99	17.02	18.50

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.84	24.20
40185	40383	QPSK	1	99	1	0	22.91	24.20
40620	40818	QPSK	1	99	1	0	23.01	24.20
41055	41253	QPSK	1	99	1	0	22.93	24.20
41490	41292	QPSK	1	0	1	99	22.88	24.20

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.84	22.50
40185	40383	QPSK	1	99	1	0	20.83	22.50
40620	40818	QPSK	1	99	1	0	20.9	22.50
41055	41253	QPSK	1	99	1	0	20.83	22.50
41490	41292	QPSK	1	0	1	99	20.8	22.50

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	14.1	15.30
42590	42788	QPSK	1	99	1	0	14.17	15.30
42990	42792	QPSK	1	0	1	99	14.11	15.30

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	15.72	16.80
42590	42788	QPSK	1	99	1	0	15.81	16.80
42990	42792	QPSK	1	0	1	99	15.74	16.80

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	13.35	14.50
42590	42788	QPSK	1	99	1	0	13.36	14.50
42990	42792	QPSK	1	0	1	99	13.27	14.50

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.42	21.60
42590	42788	QPSK	1	99	1	0	20.47	21.60
42990	42792	QPSK	1	0	1	99	20.43	21.60

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CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.48	19.70
132322	132415	QPSK	1	74	1	0	18.58	19.70
132597	132504	QPSK	1	0	1	24	18.51	19.70

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.97	20.60
132322	132415	QPSK	1	74	1	0	19.01	20.60
132597	132504	QPSK	1	0	1	24	18.99	20.60

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.39	23.90
132322	132415	QPSK	1	74	1	0	22.41	23.90
132597	132504	QPSK	1	0	1	24	22.37	23.90

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	21.68	23.00
132322	132415	QPSK	1	74	1	0	21.77	23.00
132597	132504	QPSK	1	0	1	24	21.76	23.00

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.57	19.70
132322	132520	QPSK	1	99	1	0	18.61	19.70
132572	132374	QPSK	1	0	1	99	18.49	19.70

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.98	20.60
132322	132520	QPSK	1	99	1	0	19.07	20.60
132572	132374	QPSK	1	0	1	99	19.00	20.60

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.44	23.90
132322	132520	QPSK	1	99	1	0	22.48	23.90
132572	132374	QPSK	1	0	1	99	22.45	23.90

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	21.73	23.00
132322	132520	QPSK	1	99	1	0	21.83	23.00
132572	132374	QPSK	1	0	1	99	21.81	23.00

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.36	23.00
40185	40383	QPSK	1	99	1	0	21.42	23.00
40620	40818	QPSK	1	99	1	0	21.52	23.00
41055	41253	QPSK	1	99	1	0	21.47	23.00
41490	41292	QPSK	1	0	1	99	21.44	23.00

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.31	22.20
40185	40383	QPSK	1	99	1	0	20.38	22.20
40620	40818	QPSK	1	99	1	0	20.4	22.20
41055	41253	QPSK	1	99	1	0	20.39	22.20
41490	41292	QPSK	1	0	1	99	20.3	22.20

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.14	25.00
40185	40383	QPSK	1	99	1	0	23.21	25.00
40620	40818	QPSK	1	99	1	0	23.35	25.00
41055	41253	QPSK	1	99	1	0	23.3	25.00
41490	41292	QPSK	1	0	1	99	23.24	25.00

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.85	25.00
40185	40383	QPSK	1	99	1	0	22.79	25.00
40620	40818	QPSK	1	99	1	0	22.95	25.00
41055	41253	QPSK	1	99	1	0	22.88	25.00
41490	41292	QPSK	1	0	1	99	22.79	25.00

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.67	24.60
40185	40383	QPSK	1	99	1	0	23.73	24.60
40620	40818	QPSK	1	99	1	0	23.76	24.60
41055	41253	QPSK	1	99	1	0	23.74	24.60
41490	41292	QPSK	1	0	1	99	23.66	24.60

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.55	23.80
40185	40383	QPSK	1	99	1	0	22.6	23.80
40620	40818	QPSK	1	99	1	0	22.65	23.80
41055	41253	QPSK	1	99	1	0	22.63	23.80
41490	41292	QPSK	1	0	1	99	22.63	23.80

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	26.15	28.00
40185	40383	QPSK	1	99	1	0	26.13	28.00
40620	40818	QPSK	1	99	1	0	26.19	28.00
41055	41253	QPSK	1	99	1	0	26.07	28.00
41490	41292	QPSK	1	0	1	99	26.18	28.00

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	25.93	27.00
40185	40383	QPSK	1	99	1	0	26.02	27.00
40620	40818	QPSK	1	99	1	0	26.03	27.00
41055	41253	QPSK	1	99	1	0	25.94	27.00
41490	41292	QPSK	1	0	1	99	25.86	27.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.99	19.30
42590	42788	QPSK	1	99	1	0	18.13	19.30
42990	42792	QPSK	1	0	1	99	18.08	19.30

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	22.58	23.70
42590	42788	QPSK	1	99	1	0	22.66	23.70
42990	42792	QPSK	1	0	1	99	22.6	23.70

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.76	21.90
42590	42788	QPSK	1	99	1	0	20.78	21.90
42990	42792	QPSK	1	0	1	99	20.74	21.90

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.24	24.00
42590	42788	QPSK	1	99	1	0	23.29	24.00
42990	42792	QPSK	1	0	1	99	23.17	24.00

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CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	17.90	19.20
132322	132415	QPSK	1	74	1	0	17.99	19.20
132597	132504	QPSK	1	0	1	24	17.91	19.20

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	22.67	24.00
132322	132415	QPSK	1	74	1	0	22.78	24.00
132597	132504	QPSK	1	0	1	24	22.70	24.00

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	19.48	21.30
132322	132415	QPSK	1	74	1	0	19.58	21.30
132597	132504	QPSK	1	0	1	24	19.57	21.30

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	18.32	19.90
132322	132415	QPSK	1	74	1	0	18.43	19.90
132597	132504	QPSK	1	0	1	24	18.34	19.90

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	17.92	19.20
132322	132520	QPSK	1	99	1	0	18.04	19.20
132572	132374	QPSK	1	0	1	99	17.89	19.20

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	22.80	24.00
132322	132520	QPSK	1	99	1	0	22.83	24.00
132572	132374	QPSK	1	0	1	99	22.75	24.00

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	19.55	21.30
132322	132520	QPSK	1	99	1	0	19.66	21.30
132572	132374	QPSK	1	0	1	99	19.56	21.30

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	18.44	19.90
132322	132520	QPSK	1	99	1	0	18.48	19.90
132572	132374	QPSK	1	0	1	99	18.45	19.90

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.37	20.80
40185	40383	QPSK	1	99	1	0	19.33	20.80
40620	40818	QPSK	1	99	1	0	19.38	20.80
41055	41253	QPSK	1	99	1	0	19.34	20.80
41490	41292	QPSK	1	0	1	99	19.35	20.80

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.9	22.90
40185	40383	QPSK	1	99	1	0	21.86	22.90
40620	40818	QPSK	1	99	1	0	21.92	22.90
41055	41253	QPSK	1	99	1	0	21.85	22.90
41490	41292	QPSK	1	0	1	99	21.81	22.90

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.43	23.90
40185	40383	QPSK	1	99	1	0	22.44	23.90
40620	40818	QPSK	1	99	1	0	22.52	23.90
41055	41253	QPSK	1	99	1	0	22.45	23.90
41490	41292	QPSK	1	0	1	99	22.47	23.90

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	21.99	23.60
40185	40383	QPSK	1	99	1	0	22	23.60
40620	40818	QPSK	1	99	1	0	22.1	23.60
41055	41253	QPSK	1	99	1	0	22.06	23.60
41490	41292	QPSK	1	0	1	99	22.07	23.60

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	20.62	22.40
40185	40383	QPSK	1	99	1	0	20.63	22.40
40620	40818	QPSK	1	99	1	0	20.7	22.40
41055	41253	QPSK	1	99	1	0	20.68	22.40
41490	41292	QPSK	1	0	1	99	20.64	22.40

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.11	24.50
40185	40383	QPSK	1	99	1	0	23	24.50
40620	40818	QPSK	1	99	1	0	23.18	24.50
41055	41253	QPSK	1	99	1	0	23.03	24.50
41490	41292	QPSK	1	0	1	99	23.13	24.50

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.68	25.50
40185	40383	QPSK	1	99	1	0	23.71	25.50
40620	40818	QPSK	1	99	1	0	23.75	25.50
41055	41253	QPSK	1	99	1	0	23.74	25.50
41490	41292	QPSK	1	0	1	99	23.74	25.50

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.68	25.20
40185	40383	QPSK	1	99	1	0	23.66	25.20
40620	40818	QPSK	1	99	1	0	23.73	25.20
41055	41253	QPSK	1	99	1	0	23.63	25.20
41490	41292	QPSK	1	0	1	99	23.6	25.20

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	20.57	21.80
42590	42788	QPSK	1	99	1	0	20.63	21.80
42990	42792	QPSK	1	0	1	99	20.57	21.80

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.21	20.70
42590	42788	QPSK	1	99	1	0	19.28	20.70
42990	42792	QPSK	1	0	1	99	19.27	20.70

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	18.84	20.40
42590	42788	QPSK	1	99	1	0	18.95	20.40
42990	42792	QPSK	1	0	1	99	18.8	20.40

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	23.24	24.00
42590	42788	QPSK	1	99	1	0	23.29	24.00
42990	42792	QPSK	1	0	1	99	23.17	24.00

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CA_66B Ant 2								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	12.31	13.80
132322	132415	QPSK	1	74	1	0	12.37	13.80
132597	132504	QPSK	1	0	1	24	12.25	13.80

CA_66B Ant 3								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	19.55	21.20
132322	132415	QPSK	1	74	1	0	19.59	21.20
132597	132504	QPSK	1	0	1	24	19.56	21.20

CA_66B Ant 0								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	16.07	17.30
132322	132415	QPSK	1	74	1	0	16.15	17.30
132597	132504	QPSK	1	0	1	24	16.10	17.30

CA_66B Ant 1								
Combination 15MHz+5MHz (75RB+25RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132047	132140	QPSK	1	74	1	0	16.32	17.80
132322	132415	QPSK	1	74	1	0	16.33	17.80
132597	132504	QPSK	1	0	1	24	16.26	17.80

CA_66C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	12.40	13.80
132322	132520	QPSK	1	99	1	0	12.41	13.80
132572	132374	QPSK	1	0	1	99	12.38	13.80

CA_66C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	19.57	21.20
132322	132520	QPSK	1	99	1	0	19.61	21.20
132572	132374	QPSK	1	0	1	99	19.55	21.20

CA_66C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.19	17.30
132322	132520	QPSK	1	99	1	0	16.21	17.30
132572	132374	QPSK	1	0	1	99	16.07	17.30

CA_66C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
132072	132270	QPSK	1	99	1	0	16.30	17.80
132322	132520	QPSK	1	99	1	0	16.43	17.80
132572	132374	QPSK	1	0	1	99	16.38	17.80

CA_41C Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	15.01	16.20
40185	40383	QPSK	1	99	1	0	15.02	16.20
40620	40818	QPSK	1	99	1	0	15.06	16.20
41055	41253	QPSK	1	99	1	0	15.02	16.20
41490	41292	QPSK	1	0	1	99	14.93	16.20

CA_41C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	17.33	18.80
40185	40383	QPSK	1	99	1	0	17.29	18.80
40620	40818	QPSK	1	99	1	0	17.44	18.80
41055	41253	QPSK	1	99	1	0	17.38	18.80
41490	41292	QPSK	1	0	1	99	17.33	18.80

CA_41C Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	22.14	22.80
40185	40383	QPSK	1	99	1	0	22.04	22.80
40620	40818	QPSK	1	99	1	0	22.17	22.80
41055	41253	QPSK	1	99	1	0	22.07	22.80
41490	41292	QPSK	1	0	1	99	22.02	22.80

CA_41C Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.63	20.40
40185	40383	QPSK	1	99	1	0	18.6	20.40
40620	40818	QPSK	1	99	1	0	18.68	20.40
41055	41253	QPSK	1	99	1	0	18.66	20.40
41490	41292	QPSK	1	0	1	99	18.62	20.40

CA_41C HPUE Ant 2								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	16.08	17.80
40185	40383	QPSK	1	99	1	0	16.13	17.80
40620	40818	QPSK	1	99	1	0	16.19	17.80
41055	41253	QPSK	1	99	1	0	16.17	17.80
41490	41292	QPSK	1	0	1	99	16.09	17.80

CA_41C HPUE Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	18.57	20.40
40185	40383	QPSK	1	99	1	0	18.58	20.40
40620	40818	QPSK	1	99	1	0	18.64	20.40
41055	41253	QPSK	1	99	1	0	18.54	20.40
41490	41292	QPSK	1	0	1	99	18.54	20.40

CA_41C HPUE Ant 0								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	23.29	24.40
40185	40383	QPSK	1	99	1	0	23.31	24.40
40620	40818	QPSK	1	99	1	0	23.36	24.40
41055	41253	QPSK	1	99	1	0	23.27	24.40
41490	41292	QPSK	1	0	1	99	23.3	24.40

CA_41C HPUE Ant 1								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
39750	39948	QPSK	1	99	1	0	19.99	22.00
40185	40383	QPSK	1	99	1	0	19.88	22.00
40620	40818	QPSK	1	99	1	0	20.06	22.00
41055	41253	QPSK	1	99	1	0	20.01	22.00
41490	41292	QPSK	1	0	1	99	19.96	22.00

CA_42C Ant 4								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	13.05	14.70
42590	42788	QPSK	1	99	1	0	13.06	14.70
42990	42792	QPSK	1	0	1	99	13.02	14.70

CA_42C Ant 6								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	16.32	17.50
42590	42788	QPSK	1	99	1	0	16.37	17.50
42990	42792	QPSK	1	0	1	99	16.25	17.50

CA_42C Ant 3								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	17.76	19.40
42590	42788	QPSK	1	99	1	0	17.84	19.40
42990	42792	QPSK	1	0	1	99	17.73	19.40

CA_42C Ant 8								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
42190	42388	QPSK	1	99	1	0	19.38	21.00
42590	42788	QPSK	1	99	1	0	19.46	21.00
42990	42792	QPSK	1	0	1	99	19.42	21.00

DL CA Power

2CA DL

CA List	PCC									SCC					Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_41A-42A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.42	23.46
	Band 42	Ant 4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.01	23.11
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.98	23.10
	Band 42	Ant 6	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.66	22.80
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.47	23.60
	Band 42	Ant 3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.82	23.85
	Band 41	Ant 3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.94	23.06
	Band 42	Ant 8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.43	23.47
CA_66A-66A	Band 66	Ant 0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.54	22.65
	Band 66	Ant 1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.61	22.74
	Band 66	Ant 2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.83	22.88
	Band 66	Ant 3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.79	22.88
CA_66B	Band 66	Ant 0	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.48	22.58
	Band 66	Ant 1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.62	22.65
	Band 66	Ant 2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.82	22.86
	Band 66	Ant 3	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.75	22.85
CA_66C	Band 66	Ant 0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.52	22.65
	Band 66	Ant 1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.68	22.74
	Band 66	Ant 2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.78	22.88
	Band 66	Ant 3	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	22.78	22.88

3CA DL

3CA List	PCC									SCC1					SCC2						Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_41A-42C	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.32	23.46
	Band 42	Ant 4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.01	23.11
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.01	23.10
	Band 42	Ant 6	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	22.74	22.80
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	23.51	23.60
	Band 42	Ant 3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.76	23.85
	Band 41	Ant 3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	22.99	23.06
	Band 42	Ant 8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.42	23.47
CA_41C-42A	Band 41	Ant 0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.35	23.46
	Band 42	Ant 4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.07	23.11
	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.07	23.10
	Band 42	Ant 6	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.69	22.80
	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	23.53	23.60
	Band 42	Ant 3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.77	23.85
	Band 41	Ant 3	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 42	20M	3500	42590	4x4MIMO	22.97	23.06
	Band 42	Ant 8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.44	23.47
CA_42D	Band 42	Ant 4	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	23.04	23.11
	Band 42	Ant 6	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	22.68	22.80
	Band 42	Ant 3	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	23.74	23.85
	Band 42	Ant 8	20M	3500	42590	QPSK	1	0	4x4MIMO	Band 42	20M	3519.8	42788	4x4MIMO	Band 42	20M	3539.6	42986	4x4MIMO	23.42	23.47

Full&Default Power Mode

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.13	23.18	23.15	24.0	0.0
20	QPSK	50	28	23.05	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

n66 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.80	22.82	22.78	24.0	0.0
40	QPSK	108	54	22.70	22.71	22.67	24.0	0.0
40	QPSK	216	0	21.74	21.79	21.72	23.0	1.0

n41 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.76	21.84	21.78	23.0	0.0
100	QPSK	135	69	21.68	21.74	21.59	23.0	0.0
100	QPSK	270	0	21.61	21.69	21.62	23.0	0.0

n5 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.89	22.94	22.92	24.0	0.0
40	QPSK	108	54	22.85	22.89	22.84	24.0	0.0
40	QPSK	216	0	21.90	21.93	21.88	23.0	0.0

n41 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.69	21.80	21.67	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.57	23.0	0.0
100	QPSK	270	0	21.45	21.61	21.49	23.0	0.0

n66 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.86	23.03	22.94	24.0	0.0
40	QPSK	108	54	22.71	22.85	22.78	24.0	0.0
40	QPSK	216	0	21.88	21.92	21.86	23.0	1.0

n41 Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	23.28	23.29	23.22	24.0	0.0
100	QPSK	135	69	23.04	23.25	23.17	24.0	0.0
100	QPSK	270	0	23.14	23.15	23.07	24.0	0.0

n66 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.05	23.11	23.10	24.0	0.0
40	QPSK	108	54	22.80	22.85	22.82	24.0	0.0
40	QPSK	216	0	21.86	21.94	21.90	23.0	1.0

n41 Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.14	21.24	21.19	22.0	0.0
100	QPSK	135	69	21.10	21.15	21.11	22.0	0.0
100	QPSK	270	0	21.09	21.13	21.12	22.0	0.0

Part27O n77 Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.02	23.31	23.05	24.0	0.0
100	PI/2 BPSK	1	137	22.95	23.26	23.00		
100	PI/2 BPSK	1	271	23.05	23.32	23.06		
100	PI/2 BPSK	135	0	23.01	23.27	23.08	24.0	0.0
100	PI/2 BPSK	135	69	22.98	23.35	23.00	24.0	0.0
100	PI/2 BPSK	135	138	23.10	23.33	23.02	24.0	0.0
100	PI/2 BPSK	270	0	22.91	23.19	23.10		
100	QPSK	1	1	23.09	23.39	23.12	24.0	0.0
100	QPSK	1	137	23.00	23.33	23.04		
100	QPSK	1	271	23.05	23.36	23.04		
100	QPSK	135	0	23.01	23.33	23.12	24.0	0.0
100	QPSK	135	69	23.06	23.35	23.07	24.0	0.0
100	QPSK	135	138	23.09	23.31	23.09	24.0	0.0
100	QPSK	270	0	22.98	23.26	23.09		
100	16QAM	1	1	23.11	23.16	23.10	24.0	0.0
100	64QAM	1	1	23.10	23.18	23.12	24.0	0.0
100	256QAM	1	1	22.12	22.30	22.24	23.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.02	23.32	23.07	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.01	23.37	23.05	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.10	23.38	23.04	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.01	23.36	23.09	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.01	23.36	23.07	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.07	23.32	23.13	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.04	23.37	23.07	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.06	23.33	23.09	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.02	23.37	23.14	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.08	23.37	23.12	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.06	23.34	23.06	24.0	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.14			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		23.03		24.0	0.0
100	PI/2 BPSK	135	69		23.05		24.0	0.0
100	PI/2 BPSK	135	138		23.03		24.0	0.0
100	PI/2 BPSK	270	0		23.12			
100	QPSK	1	1		23.22		24.0	0.0
100	QPSK	1	137		23.18			
100	QPSK	1	271		23.16			
100	QPSK	135	0		23.06		24.0	0.0
100	QPSK	135	69		23.12		24.0	0.0
100	QPSK	135	138		23.09		24.0	0.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		22.52		24.0	0.0
100	64QAM	1	1		22.54		24.0	0.0
100	256QAM	1	1		21.67		23.0	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.12	23.17	23.11	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.08	23.15	23.13	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.11	23.20	23.13	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.04	23.18	23.03	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.15	23.13	23.14	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.04	23.13	23.09	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.05	23.11	23.08	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.12	23.13	23.11	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.06	23.14	23.09	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.09	23.18	23.03	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.11	23.15	23.06	24.0	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.69	20.79	20.48	22.0	0.0
100	PI/2 BPSK	1	137	20.61	20.83	20.44		
100	PI/2 BPSK	1	271	20.63	20.82	20.51		
100	PI/2 BPSK	135	0	20.50	20.64	20.30	22.0	0.0
100	PI/2 BPSK	135	69	20.53	20.64	20.51	22.0	0.0
100	PI/2 BPSK	135	138	20.48	20.60	20.42	22.0	0.0
100	PI/2 BPSK	270	0	20.54	20.62	20.51		
100	QPSK	1	1	20.75	20.89	20.57	22.0	0.0
100	QPSK	1	137	20.72	20.87	20.53		
100	QPSK	1	271	20.75	20.86	20.52		
100	QPSK	135	0	20.61	20.70	20.42	22.0	0.0
100	QPSK	135	69	20.63	20.74	20.54	22.0	0.0
100	QPSK	135	138	20.58	20.71	20.46	22.0	0.0
100	QPSK	270	0	20.57	20.67	20.53		
100	16QAM	1	1	20.38	20.42	20.41	22.0	0.0
100	64QAM	1	1	20.41	20.43	20.40	22.0	0.0
100	256QAM	1	1	19.46	19.54	19.51	20.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.64	20.77	20.49	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.72	20.79	20.54	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.70	20.77	20.52	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.71	20.80	20.45	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.61	20.81	20.53	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.66	20.79	20.51	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.68	20.79	20.48	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.61	20.83	20.51	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.61	20.78	20.45	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.62	20.79	20.45	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.66	20.85	20.53	22.0	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.73		22.0	0.0
100	PI/2 BPSK	1	137		20.80			
100	PI/2 BPSK	1	271		20.74			
100	PI/2 BPSK	135	0		20.53		22.0	0.0
100	PI/2 BPSK	135	69		20.52		22.0	0.0
100	PI/2 BPSK	135	138		20.52		22.0	0.0
100	PI/2 BPSK	270	0		20.53			
100	QPSK	1	1		20.83		22.0	0.0
100	QPSK	1	137		20.82			
100	QPSK	1	271		20.74			
100	QPSK	135	0		20.57		22.0	0.0
100	QPSK	135	69		20.66		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.63			
100	16QAM	1	1		20.38		22.0	0.0
100	64QAM	1	1		20.29		22.0	0.0
100	256QAM	1	1		19.52		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.56	20.70	20.37	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.61	20.71	20.47	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.52	20.67	20.47	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.51	20.63	20.40	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.52	20.75	20.37	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.52	20.68	20.37	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.59	20.65	20.37	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.55	20.72	20.46	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.55	20.71	20.37	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.57	20.68	20.43	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.51	20.71	20.44	22.0	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.27	23.29	23.17	24.0	0.0
100	PI/2 BPSK	1	137	23.20	23.23	23.20		
100	PI/2 BPSK	1	271	23.14	23.20	23.06		
100	PI/2 BPSK	135	0	23.11	23.18	23.15	24.0	0.0
100	PI/2 BPSK	135	69	23.11	23.27	23.14	24.0	0.0
100	PI/2 BPSK	135	138	23.00	23.14	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.15	23.19	23.03		
100	QPSK	1	1	23.36	23.43	23.31	24.0	0.0
100	QPSK	1	137	23.21	23.28	23.22		
100	QPSK	1	271	23.13	23.25	23.23		
100	QPSK	135	0	23.22	23.26	23.23	24.0	0.0
100	QPSK	135	69	23.23	23.33	23.23	24.0	0.0
100	QPSK	135	138	23.19	23.23	23.18	24.0	0.0
100	QPSK	270	0	23.22	23.30	23.26		
100	16QAM	1	1	23.11	23.22	23.20	24.0	0.0
100	64QAM	1	1	23.09	23.11	23.14	24.0	0.0
100	256QAM	1	1	21.75	21.79	21.75	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.22	23.21	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.19	23.22	23.22	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.17	23.18	23.20	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.19	23.25	23.12	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.24	23.14	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.18	23.25	23.18	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.14	23.16	23.20	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.12	23.23	23.14	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.09	23.19	23.21	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.17	23.19	23.23	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.19	23.15	24.0	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.23		24.0	0.0
100	PI/2 BPSK	1	137		23.12			
100	PI/2 BPSK	1	271		23.16			
100	PI/2 BPSK	135	0		23.09		24.0	0.0
100	PI/2 BPSK	135	69		23.22		24.0	0.0
100	PI/2 BPSK	135	138		23.02		24.0	0.0
100	PI/2 BPSK	270	0		23.12			
100	QPSK	1	1		23.29		24.0	0.0
100	QPSK	1	137		23.20			
100	QPSK	1	271		23.19			
100	QPSK	135	0		23.20		24.0	0.0
100	QPSK	135	69		23.22		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0
100	QPSK	270	0		23.20			
100	16QAM	1	1		23.18		24.0	0.0
100	64QAM	1	1		23.07		24.0	0.0
100	256QAM	1	1		21.72		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.00	23.15	23.17	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.07	23.11	23.17	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.07	23.11	23.12	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.07	23.10	23.15	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.07	23.08	23.09	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.09	23.19	23.18	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.99	23.13	23.08	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.07	23.11	23.09	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.01	23.11	23.13	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.01	23.10	23.10	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.02	23.20	23.12	24.0	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.43	20.65	20.42	22.0	0.0
100	PI/2 BPSK	1	137	20.47	20.60	20.37		
100	PI/2 BPSK	1	271	20.40	20.59	20.37		
100	PI/2 BPSK	135	0	20.47	20.62	20.34	22.0	0.0
100	PI/2 BPSK	135	69	20.45	20.55	20.30	22.0	0.0
100	PI/2 BPSK	135	138	20.46	20.56	20.37	22.0	0.0
100	PI/2 BPSK	270	0	20.34	20.45	20.25		
100	QPSK	1	1	20.50	20.68	20.41	22.0	0.0
100	QPSK	1	137	20.47	20.64	20.38		
100	QPSK	1	271	20.46	20.64	20.42		
100	QPSK	135	0	20.47	20.61	20.36	22.0	0.0
100	QPSK	135	69	20.49	20.62	20.38	22.0	0.0
100	QPSK	135	138	20.45	20.56	20.38	22.0	0.0
100	QPSK	270	0	20.37	20.53	20.29		
100	16QAM	1	1	20.30	20.34	20.28	22.0	0.0
100	64QAM	1	1	20.30	20.37	20.32	22.0	0.0
100	256QAM	1	1	19.41	19.48	19.46	20.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.51	20.62	20.33	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.48	20.64	20.35	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.47	20.66	20.34	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.46	20.64	20.42	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.49	20.62	20.44	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.52	20.62	20.41	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.42	20.62	20.42	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.52	20.61	20.42	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.43	20.62	20.32	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.45	20.61	20.43	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.46	20.60	20.40	22.0	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.54		22.0	0.0
100	PI/2 BPSK	1	137		20.48			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.52		22.0	0.0
100	PI/2 BPSK	135	69		20.52		22.0	0.0
100	PI/2 BPSK	135	138		20.43		22.0	0.0
100	PI/2 BPSK	270	0		20.36			
100	QPSK	1	1		20.59		22.0	0.0
100	QPSK	1	137		20.55			
100	QPSK	1	271		20.53			
100	QPSK	135	0		20.56		22.0	0.0
100	QPSK	135	69		20.57		22.0	0.0
100	QPSK	135	138		20.49		22.0	0.0
100	QPSK	270	0		20.50			
100	16QAM	1	1		20.21		22.0	0.0
100	64QAM	1	1		20.31		22.0	0.0
100	256QAM	1	1		19.44		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.58	20.20	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.45	20.50	20.29	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.47	20.54	20.26	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.41	20.48	20.24	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.42	20.51	20.22	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.42	20.54	20.30	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.44	20.51	20.21	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.38	20.57	20.21	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.41	20.51	20.25	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.40	20.53	20.25	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.55	20.28	22.0	0.0

Reduced Power Mode for ECI2

n5 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.13	23.18	23.15	24.0	0.0
20	QPSK	50	28	23.05	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

n66 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.80	22.82	22.78	24.0	0.0
40	QPSK	108	54	22.70	22.71	22.67	24.0	0.0
40	QPSK	216	0	21.74	21.79	21.72	23.0	1.0

n41 Ant 0 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.76	21.84	21.78	23.0	0.0
100	QPSK	135	69	21.68	21.74	21.59	23.0	0.0
100	QPSK	270	0	21.61	21.69	21.62	23.0	0.0

n5 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.89	22.94	22.92	24.0	0.0
40	QPSK	108	54	22.85	22.89	22.84	24.0	0.0
40	QPSK	216	0	21.90	21.93	21.88	23.0	0.0

n41 Ant 1 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.69	21.80	21.67	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.57	23.0	0.0
100	QPSK	270	0	21.45	21.61	21.49	23.0	0.0

n66 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	15.24	15.36	15.29	16.1	0.0
40	QPSK	108	54	15.16	15.28	15.18	16.1	0.0
40	QPSK	216	0	15.11	15.26	15.17	16.1	0.0

n41 Ant 2 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	14.72	14.77	14.74	15.8	0.0
100	QPSK	135	69	14.53	14.70	14.68	15.8	0.0
100	QPSK	270	0	14.59	14.65	14.56	15.8	0.0

n66 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.46	17.54	17.50	18.5	0.0
40	QPSK	108	54	17.24	17.30	17.22	18.5	0.0
40	QPSK	216	0	17.33	17.45	17.42	18.5	0.0

n41 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	15.95	16.01	15.97	16.8	0.0
100	QPSK	135	69	15.88	15.92	15.90	16.8	0.0
100	QPSK	270	0	15.82	15.89	15.84	16.8	0.0

Part27O n77 Ant 4 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.12	15.38	15.15	16.2	0.0
100	PI/2 BPSK	1	137	14.99	15.25	15.04		
100	PI/2 BPSK	1	271	15.08	15.32	15.05		
100	PI/2 BPSK	135	0	15.03	15.26	15.07	16.2	0.0
100	PI/2 BPSK	135	69	15.00	15.36	15.02	16.2	0.0
100	PI/2 BPSK	135	138	15.16	15.40	15.00	16.2	0.0
100	PI/2 BPSK	270	0	14.99	15.22	15.15		
100	QPSK	1	1	15.17	15.42	15.18	16.2	0.0
100	QPSK	1	137	15.06	15.33	15.11		
100	QPSK	1	271	15.05	15.36	15.08		
100	QPSK	135	0	15.07	15.34	15.07	16.2	0.0
100	QPSK	135	69	15.08	15.41	15.20	16.2	0.0
100	QPSK	135	138	15.17	15.37	15.12	16.2	0.0
100	QPSK	270	0	15.08	15.25	15.13		
100	16QAM	1	1	15.21	15.17	15.15	16.2	0.0
100	64QAM	1	1	15.12	15.25	15.18	16.2	0.0
100	256QAM	1	1	15.14	15.36	15.31	16.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.04	15.37	15.10	16.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.07	15.37	15.10	16.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.09	15.37	15.06	16.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.04	15.36	15.13	16.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.13	15.26	15.12	16.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.08	15.34	15.06	16.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.10	15.35	15.05	16.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.11	15.34	15.13	16.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.04	15.37	15.14	16.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.03	15.35	15.13	16.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.12	15.29	15.08	16.2	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.14		16.2	0.0
100	PI/2 BPSK	1	137		15.17			
100	PI/2 BPSK	1	271		15.11			
100	PI/2 BPSK	135	0		15.04		16.2	0.0
100	PI/2 BPSK	135	69		15.05		16.2	0.0
100	PI/2 BPSK	135	138		15.01		16.2	0.0
100	PI/2 BPSK	270	0		15.17			
100	QPSK	1	1		15.21		16.2	0.0
100	QPSK	1	137		15.19			
100	QPSK	1	271		15.13			
100	QPSK	135	0		15.10		16.2	0.0
100	QPSK	135	69		15.12		16.2	0.0
100	QPSK	135	138		15.04		16.2	0.0
100	QPSK	270	0		15.18			
100	16QAM	1	1		14.48		16.2	0.0
100	64QAM	1	1		14.51		16.2	0.0
100	256QAM	1	1		14.60		16.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.13	15.16	15.16	16.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.14	15.15	15.12	16.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.10	15.19	15.12	16.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.11	15.18	15.12	16.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.12	15.12	15.15	16.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.07	15.16	15.16	16.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.15	15.14	15.12	16.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.16	15.15	15.05	16.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.08	15.14	15.09	16.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.17	15.17	15.09	16.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.17	15.13	15.07	16.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.41	13.45	13.14	14.4	0.0
100	PI/2 BPSK	1	137	13.36	13.49	13.15		
100	PI/2 BPSK	1	271	13.37	13.47	13.24		
100	PI/2 BPSK	135	0	13.14	13.39	13.10	14.4	0.0
100	PI/2 BPSK	135	69	13.26	13.33	13.25	14.4	0.0
100	PI/2 BPSK	135	138	13.13	13.23	13.12	14.4	0.0
100	PI/2 BPSK	270	0	13.27	13.25	13.25		
100	QPSK	1	1	13.42	13.54	13.35	14.4	0.0
100	QPSK	1	137	13.40	13.50	13.34		
100	QPSK	1	271	13.45	13.52	13.38		
100	QPSK	135	0	13.27	13.35	13.29	14.4	0.0
100	QPSK	135	69	13.36	13.47	13.28	14.4	0.0
100	QPSK	135	138	13.24	13.38	13.26	14.4	0.0
100	QPSK	270	0	13.24	13.39	13.26		
100	16QAM	1	1	13.03	13.14	13.09	14.4	0.0
100	64QAM	1	1	13.07	13.17	13.05	14.4	0.0
100	256QAM	1	1	13.42	13.49	13.36	14.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.35	13.52	13.31	14.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.32	13.48	13.25	14.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.37	13.50	13.24	14.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.38	13.45	13.31	14.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.37	13.53	13.33	14.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.38	13.43	13.29	14.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.42	13.51	13.29	14.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.38	13.43	13.30	14.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.40	13.51	13.32	14.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.31	13.43	13.24	14.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.31	13.48	13.30	14.4	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.27		14.4	0.0
100	PI/2 BPSK	1	137		13.30			
100	PI/2 BPSK	1	271		13.25			
100	PI/2 BPSK	135	0		12.98		14.4	0.0
100	PI/2 BPSK	135	69		12.99		14.4	0.0
100	PI/2 BPSK	135	138		13.03		14.4	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.35		14.4	0.0
100	QPSK	1	137		13.34			
100	QPSK	1	271		13.28			
100	QPSK	135	0		13.02		14.4	0.0
100	QPSK	135	69		13.19		14.4	0.0
100	QPSK	135	138		13.09		14.4	0.0
100	QPSK	270	0		13.13			
100	16QAM	1	1		12.83		14.4	0.0
100	64QAM	1	1		12.74		14.4	0.0
100	256QAM	1	1		13.32		14.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.02	13.24	12.87	14.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.05	13.26	12.83	14.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.08	13.19	12.83	14.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.10	13.21	12.83	14.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.03	13.25	12.82	14.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.10	13.25	12.91	14.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.05	13.21	12.91	14.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.05	13.14	12.90	14.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.11	13.16	12.89	14.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.07	13.23	12.84	14.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.03	13.20	12.90	14.4	0.0

Part27O n77 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.77	17.86	17.79	18.9	0.0
100	PI/2 BPSK	1	137	17.70	17.78	17.75		
100	PI/2 BPSK	1	271	17.63	17.70	17.58		
100	PI/2 BPSK	135	0	17.64	17.72	17.72	18.9	0.0
100	PI/2 BPSK	135	69	17.62	17.87	17.64	18.9	0.0
100	PI/2 BPSK	135	138	17.59	17.69	17.59	18.9	0.0
100	PI/2 BPSK	270	0	17.70	17.72	17.57		
100	QPSK	1	1	17.87	17.95	17.81	18.9	0.0
100	QPSK	1	137	17.81	17.84	17.75		
100	QPSK	1	271	17.72	17.79	17.80		
100	QPSK	135	0	17.81	17.76	17.74	18.9	0.0
100	QPSK	135	69	17.73	17.85	17.79	18.9	0.0
100	QPSK	135	138	17.74	17.84	17.78	18.9	0.0
100	QPSK	270	0	17.71	17.88	17.81		
100	16QAM	1	1	17.64	17.83	17.73	18.9	0.0
100	64QAM	1	1	17.63	17.76	17.71	18.9	0.0
100	256QAM	1	1	17.28	17.33	17.26	18.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.83	17.84	17.75	18.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.80	17.83	17.74	18.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.87	17.89	17.79	18.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.78	17.90	17.76	18.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.84	17.86	17.79	18.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.83	17.88	17.70	18.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.83	17.86	17.77	18.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.80	17.84	17.77	18.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.82	17.84	17.72	18.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.84	17.84	17.80	18.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.83	17.86	17.75	18.9	0.0

Part27O n78 Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.79		18.9	0.0
100	PI/2 BPSK	1	137		17.67			
100	PI/2 BPSK	1	271		17.75			
100	PI/2 BPSK	135	0		17.60		18.9	0.0
100	PI/2 BPSK	135	69		17.77		18.9	0.0
100	PI/2 BPSK	135	138		17.55		18.9	0.0
100	PI/2 BPSK	270	0		17.71			
100	QPSK	1	1		17.80		18.9	0.0
100	QPSK	1	137		17.76			
100	QPSK	1	271		17.71			
100	QPSK	135	0		17.74		18.9	0.0
100	QPSK	135	69		17.77		18.9	0.0
100	QPSK	135	138		17.64		18.9	0.0
100	QPSK	270	0		17.76			
100	16QAM	1	1		17.73		18.9	0.0
100	64QAM	1	1		17.60		18.9	0.0
100	256QAM	1	1		17.26		18.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.54	17.60	17.70	18.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.45	17.67	17.68	18.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.55	17.60	17.69	18.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.52	17.67	17.65	18.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.46	17.66	17.61	18.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.52	17.61	17.72	18.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.48	17.62	17.68	18.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.50	17.65	17.62	18.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.48	17.71	17.65	18.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.45	17.60	17.67	18.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.45	17.68	17.66	18.9	0.0

Part27O n77 Ant 8 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.52	16.70	16.55	17.8	0.0
100	PI/2 BPSK	1	137	16.57	16.71	16.50		
100	PI/2 BPSK	1	271	16.46	16.73	16.51		
100	PI/2 BPSK	135	0	16.51	16.75	16.40	17.8	0.0
100	PI/2 BPSK	135	69	16.60	16.64	16.43	17.8	0.0
100	PI/2 BPSK	135	138	16.55	16.66	16.43	17.8	0.0
100	PI/2 BPSK	270	0	16.44	16.59	16.33		
100	QPSK	1	1	16.60	16.76	16.55	17.8	0.0
100	QPSK	1	137	16.61	16.75	16.49		
100	QPSK	1	271	16.55	16.72	16.48		
100	QPSK	135	0	16.51	16.67	16.49	17.8	0.0
100	QPSK	135	69	16.57	16.74	16.51	17.8	0.0
100	QPSK	135	138	16.48	16.68	16.50	17.8	0.0
100	QPSK	270	0	16.52	16.73	16.53		
100	16QAM	1	1	16.54	16.55	16.46	17.8	0.0
100	64QAM	1	1	16.46	16.61	16.49	17.8	0.0
100	256QAM	1	1	16.51	16.64	16.45	17.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.43	16.61	16.43	17.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.44	16.59	16.38	17.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.46	16.61	16.36	17.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.48	16.56	16.40	17.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.45	16.63	16.37	17.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.44	16.55	16.40	17.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.44	16.56	16.43	17.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.50	16.55	16.35	17.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.44	16.58	16.38	17.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.47	16.56	16.40	17.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.43	16.61	16.46	17.8	0.0

Part27O n78 Ant 8 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.62		17.8	0.0
100	PI/2 BPSK	1	137		16.55			
100	PI/2 BPSK	1	271		16.61			
100	PI/2 BPSK	135	0		16.60		17.8	0.0
100	PI/2 BPSK	135	69		16.62		17.8	0.0
100	PI/2 BPSK	135	138		16.50		17.8	0.0
100	PI/2 BPSK	270	0		16.43			
100	QPSK	1	1		16.67		17.8	0.0
100	QPSK	1	137		16.65			
100	QPSK	1	271		16.59			
100	QPSK	135	0		16.61		17.8	0.0
100	QPSK	135	69		16.63		17.8	0.0
100	QPSK	135	138		16.53		17.8	0.0
100	QPSK	270	0		16.60			
100	16QAM	1	1		16.39		17.8	0.0
100	64QAM	1	1		16.53		17.8	0.0
100	256QAM	1	1		16.64		17.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.50	16.61	16.35	17.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.53	16.64	16.28	17.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.52	16.65	16.28	17.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.55	16.61	16.34	17.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.56	16.64	16.30	17.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.46	16.63	16.30	17.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.52	16.60	16.34	17.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.56	16.63	16.36	17.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.51	16.66	16.29	17.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.50	16.65	16.33	17.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.55	16.63	16.29	17.8	0.0

Reduced Power Mode for ECI3

n5 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.13	23.18	23.15	24.0	0.0
20	QPSK	50	28	23.05	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

n66 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.60	22.63	22.57	23.8	0.0
40	QPSK	108	54	22.44	22.56	22.42	23.8	0.0
40	QPSK	216	0	21.74	21.79	21.72	23.0	0.8

n41 Ant 0 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.11	20.16	20.13	21.3	0.0
100	QPSK	135	69	19.95	20.07	19.84	21.3	0.0
100	QPSK	270	0	19.94	20.04	19.92	21.3	0.0

n5 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

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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)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.35	22.39	22.38	23.5	0.0
40	QPSK	108	54	22.33	22.36	22.29	23.5	0.0
40	QPSK	216	0	21.90	21.93	21.88	23.0	0.5

n41 Ant 1 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.24	19.39	19.31	20.6	0.0
100	QPSK	135	69	19.20	19.28	19.15	20.6	0.0
100	QPSK	270	0	19.04	19.24	19.11	20.6	0.0

n66 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.88	18.00	17.93	19.3	0.0
40	QPSK	108	54	17.71	17.85	17.77	19.3	0.0
40	QPSK	216	0	17.74	17.83	17.73	19.3	0.0

n41 Ant 2 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.42	17.45	17.39	19.0	0.0
100	QPSK	135	69	17.14	17.30	17.25	19.0	0.0
100	QPSK	270	0	17.23	17.28	17.11	19.0	0.0

n66 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.56	20.65	20.62	21.6	0.0
40	QPSK	108	54	20.28	20.32	20.31	21.6	0.0
40	QPSK	216	0	20.25	20.30	20.26	21.6	0.0

n41 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.33	19.43	19.36	20.7	0.0
100	QPSK	135	69	19.27	19.35	19.32	20.7	0.0
100	QPSK	270	0	19.32	19.34	19.32	20.7	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.67	18.96	18.65	20.3	0.0
100	PI/2 BPSK	1	137	18.57	18.81	18.60		
100	PI/2 BPSK	1	271	18.65	18.89	18.72		
100	PI/2 BPSK	135	0	18.61	18.87	18.67	20.3	0.0
100	PI/2 BPSK	135	69	18.55	18.97	18.58	20.3	0.0
100	PI/2 BPSK	135	138	18.74	18.92	18.58	20.3	0.0
100	PI/2 BPSK	270	0	18.54	18.79	18.75		
100	QPSK	1	1	18.69	19.03	18.68	20.3	0.0
100	QPSK	1	137	18.63	18.94	18.70		
100	QPSK	1	271	18.70	19.02	18.61		
100	QPSK	135	0	18.56	18.96	18.74	20.3	0.0
100	QPSK	135	69	18.61	18.99	18.68	20.3	0.0
100	QPSK	135	138	18.68	18.90	18.66	20.3	0.0
100	QPSK	270	0	18.68	18.82	18.71		
100	16QAM	1	1	18.53	18.81	18.64	20.3	0.0
100	64QAM	1	1	18.66	18.78	18.69	20.3	0.0
100	256QAM	1	1	18.62	18.85	18.73	20.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.66	19.01	18.66	20.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.62	19.00	18.63	20.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.67	18.97	18.67	20.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.57	18.99	18.60	20.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.62	18.93	18.59	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.66	18.97	18.66	20.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.63	19.02	18.65	20.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.66	19.02	18.58	20.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.57	18.94	18.60	20.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.57	18.99	18.68	20.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.61	18.96	18.64	20.3	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.84		20.3	0.0
100	PI/2 BPSK	1	137		18.78			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.64		20.3	0.0
100	PI/2 BPSK	135	69		18.65		20.3	0.0
100	PI/2 BPSK	135	138		18.64		20.3	0.0
100	PI/2 BPSK	270	0		18.78			
100	QPSK	1	1		18.86		20.3	0.0
100	QPSK	1	137		18.82			
100	QPSK	1	271		18.72			
100	QPSK	135	0		18.69		20.3	0.0
100	QPSK	135	69		18.75		20.3	0.0
100	QPSK	135	138		18.74		20.3	0.0
100	QPSK	270	0		18.76			
100	16QAM	1	1		18.53		20.3	0.0
100	64QAM	1	1		18.50		20.3	0.0
100	256QAM	1	1		18.57		20.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.77	18.80	18.73	20.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.68	18.73	18.76	20.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.73	18.79	18.72	20.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.68	18.71	18.68	20.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.72	18.82	18.65	20.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.68	18.73	18.68	20.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.72	18.82	18.68	20.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.72	18.81	18.74	20.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.74	18.79	18.69	20.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.66	18.80	18.73	20.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.73	18.79	18.75	20.3	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.10	17.20	16.94	18.4	0.0
100	PI/2 BPSK	1	137	17.10	17.17	16.87		
100	PI/2 BPSK	1	271	17.11	17.25	16.91		
100	PI/2 BPSK	135	0	16.95	17.04	16.75	18.4	0.0
100	PI/2 BPSK	135	69	17.00	17.09	17.00	18.4	0.0
100	PI/2 BPSK	135	138	16.90	17.02	16.84	18.4	0.0
100	PI/2 BPSK	270	0	16.98	17.10	16.90		
100	QPSK	1	1	17.19	17.27	17.16	18.4	0.0
100	QPSK	1	137	17.11	17.25	16.94		
100	QPSK	1	271	17.22	17.26	17.12		
100	QPSK	135	0	17.07	17.16	17.08	18.4	0.0
100	QPSK	135	69	17.12	17.19	17.07	18.4	0.0
100	QPSK	135	138	17.00	17.12	17.05	18.4	0.0
100	QPSK	270	0	17.00	17.15	17.03		
100	16QAM	1	1	17.08	17.06	17.11	18.4	0.0
100	64QAM	1	1	17.03	17.14	17.02	18.4	0.0
100	256QAM	1	1	17.16	17.20	17.17	18.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.09	17.22	16.95	18.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.17	17.24	17.03	18.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.14	17.23	16.99	18.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.11	17.22	16.97	18.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.14	17.24	16.98	18.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.14	17.24	16.98	18.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.26	17.02	18.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.12	17.25	16.96	18.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.14	17.24	17.02	18.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.18	17.23	16.97	18.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.26	17.01	18.4	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.18		18.4	0.0
100	PI/2 BPSK	1	137		17.17			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.02		18.4	0.0
100	PI/2 BPSK	135	69		17.06		18.4	0.0
100	PI/2 BPSK	135	138		17.01		18.4	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.25		18.4	0.0
100	QPSK	1	137		17.23			
100	QPSK	1	271		17.16			
100	QPSK	135	0		17.08		18.4	0.0
100	QPSK	135	69		17.20		18.4	0.0
100	QPSK	135	138		17.08		18.4	0.0
100	QPSK	270	0		17.10			
100	16QAM	1	1		17.07		18.4	0.0
100	64QAM	1	1		17.15		18.4	0.0
100	256QAM	1	1		17.12		18.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.08	17.19	16.86	18.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.05	17.22	16.91	18.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.08	17.20	16.89	18.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.11	17.21	16.84	18.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.06	17.16	16.90	18.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.04	17.18	16.90	18.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.07	17.18	16.89	18.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.04	17.16	16.84	18.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.10	17.18	16.82	18.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.06	17.23	16.88	18.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.04	17.20	16.90	18.4	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.09	21.14	21.03	22.3	0.0
100	PI/2 BPSK	1	137	21.06	21.01	21.07		
100	PI/2 BPSK	1	271	20.92	21.05	20.82		
100	PI/2 BPSK	135	0	20.96	21.05	20.99	22.3	0.0
100	PI/2 BPSK	135	69	20.89	21.09	20.94	22.3	0.0
100	PI/2 BPSK	135	138	20.84	20.97	20.90	22.3	0.0
100	PI/2 BPSK	270	0	20.92	21.04	20.90		
100	QPSK	1	1	21.21	21.23	21.10	22.3	0.0
100	QPSK	1	137	21.00	21.04	21.08		
100	QPSK	1	271	21.01	21.06	21.00		
100	QPSK	135	0	20.99	21.09	21.04	22.3	0.0
100	QPSK	135	69	21.01	21.13	21.01	22.3	0.0
100	QPSK	135	138	21.04	20.99	21.04	22.3	0.0
100	QPSK	270	0	21.06	21.12	21.07		
100	16QAM	1	1	20.92	21.03	20.97	22.3	0.0
100	64QAM	1	1	20.87	20.92	20.96	22.3	0.0
100	256QAM	1	1	21.07	21.11	21.07	22.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.05	21.11	21.05	22.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.00	21.08	21.06	22.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.99	21.11	21.09	22.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.07	21.06	21.08	22.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.06	21.11	21.07	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.08	21.14	21.12	22.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.03	21.16	21.08	22.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.97	21.09	21.16	22.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.06	21.08	21.09	22.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.97	21.13	21.13	22.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.07	21.16	21.15	22.3	0.0

Part27O n78 Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.02		22.3	0.0
100	PI/2 BPSK	1	137		20.89			
100	PI/2 BPSK	1	271		21.03			
100	PI/2 BPSK	135	0		20.88		22.3	0.0
100	PI/2 BPSK	135	69		21.10		22.3	0.0
100	PI/2 BPSK	135	138		20.87		22.3	0.0
100	PI/2 BPSK	270	0		20.98			
100	QPSK	1	1		21.13		22.3	0.0
100	QPSK	1	137		20.99			
100	QPSK	1	271		20.99			
100	QPSK	135	0		20.98		22.3	0.0
100	QPSK	135	69		21.08		22.3	0.0
100	QPSK	135	138		20.91		22.3	0.0
100	QPSK	270	0		21.02			
100	16QAM	1	1		21.03		22.3	0.0
100	64QAM	1	1		20.90		22.3	0.0
100	256QAM	1	1		21.04		22.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.87	21.10	21.05	22.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.91	21.09	21.03	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.93	21.09	21.06	22.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.85	21.07	21.01	22.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.94	21.11	21.04	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.86	21.10	21.07	22.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.96	21.11	21.06	22.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.85	21.10	21.06	22.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.95	21.08	21.07	22.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.87	21.10	21.07	22.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.92	21.07	21.04	22.3	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.97	20.15	19.92	21.2	0.0
100	PI/2 BPSK	1	137	19.95	20.09	19.93		
100	PI/2 BPSK	1	271	19.91	20.06	19.90		
100	PI/2 BPSK	135	0	19.97	20.12	19.87	21.2	0.0
100	PI/2 BPSK	135	69	19.97	20.09	19.83	21.2	0.0
100	PI/2 BPSK	135	138	19.97	20.08	19.89	21.2	0.0
100	PI/2 BPSK	270	0	19.84	19.97	19.73		
100	QPSK	1	1	19.95	20.18	19.97	21.2	0.0
100	QPSK	1	137	20.01	20.09	19.87		
100	QPSK	1	271	19.94	20.10	19.99		
100	QPSK	135	0	19.99	20.10	19.84	21.2	0.0
100	QPSK	135	69	20.04	20.14	19.92	21.2	0.0
100	QPSK	135	138	19.93	20.10	19.89	21.2	0.0
100	QPSK	270	0	19.93	20.10	19.84		
100	16QAM	1	1	19.83	19.82	19.84	21.2	0.0
100	64QAM	1	1	19.86	19.90	19.79	21.2	0.0
100	256QAM	1	1	19.41	19.48	19.46	20.5	0.7
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.00	20.07	19.82	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.03	20.14	19.79	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.95	20.11	19.89	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.99	20.15	19.85	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.00	20.12	19.79	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.03	20.14	19.78	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.01	20.11	19.82	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.00	20.15	19.88	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.97	20.16	19.82	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.06	20.09	19.84	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.03	20.13	19.87	21.2	0.0

Part27O n78 Ant 8 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.02		21.2	0.0
100	PI/2 BPSK	1	137		19.94			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		19.98		21.2	0.0
100	PI/2 BPSK	135	69		19.98		21.2	0.0
100	PI/2 BPSK	135	138		19.94		21.2	0.0
100	PI/2 BPSK	270	0		19.87			
100	QPSK	1	1		20.11		21.2	0.0
100	QPSK	1	137		20.01			
100	QPSK	1	271		19.98			
100	QPSK	135	0		20.02		21.2	0.0
100	QPSK	135	69		20.05		21.2	0.0
100	QPSK	135	138		19.99		21.2	0.0
100	QPSK	270	0		20.01			
100	16QAM	1	1		19.67		21.2	0.0
100	64QAM	1	1		19.80		21.2	0.0
100	256QAM	1	1		19.44		20.5	0.7
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.93	20.03	19.68	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.89	20.08	19.73	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.86	20.10	19.74	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.91	20.03	19.72	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.92	20.06	19.65	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.86	20.06	19.69	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.92	20.06	19.72	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.93	20.03	19.69	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.91	20.03	19.73	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.90	20.04	19.69	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.94	20.09	19.65	21.2	0.0

Reduced Power Mode for ECI5

n5 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.78	22.81	22.79	24.0	0.0
20	QPSK	50	28	22.68	22.76	22.74	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

n66 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.83	19.86	19.81	21.2	0.0
40	QPSK	108	54	19.65	19.78	19.68	21.2	0.0
40	QPSK	216	0	19.75	19.76	19.72	21.2	0.0

n41 Ant 0 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.68	19.77	19.66	20.8	0.0
100	QPSK	135	69	19.53	19.66	19.52	20.8	0.0
100	QPSK	270	0	19.46	19.63	19.57	20.8	0.0

n5 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.36	20.47	20.40	22.0	0.0
40	QPSK	108	54	20.36	20.45	20.32	22.0	0.0
40	QPSK	216	0	20.41	20.43	20.39	22.0	0.0

n41 Ant 1 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.45	20.54	20.40	22.1	0.0
100	QPSK	135	69	20.31	20.41	20.27	22.1	0.0
100	QPSK	270	0	20.17	20.36	20.18	22.1	0.0

n66 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.58	19.77	19.62	20.8	0.0
40	QPSK	108	54	19.47	19.54	19.50	20.8	0.0
40	QPSK	216	0	19.57	19.66	19.59	20.8	0.0

n41 Ant 2 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.55	17.58	17.53	19.1	0.0
100	QPSK	135	69	17.35	17.56	17.46	19.1	0.0
100	QPSK	270	0	17.43	17.48	17.41	19.1	0.0

n66 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.05	23.11	23.10	24.0	0.0
40	QPSK	108	54	22.80	22.85	22.82	24.0	0.0
40	QPSK	216	0	21.86	21.94	21.90	23.0	1.0

n41 Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	18.54	18.66	18.63	20.2	0.0
100	QPSK	135	69	18.53	18.59	18.56	20.2	0.0
100	QPSK	270	0	18.45	18.52	18.50	20.2	0.0

Part27O n77 Ant 4 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.08	20.13	19.97	21.4	0.0
100	PI/2 BPSK	1	137	20.07	20.20	19.99		
100	PI/2 BPSK	1	271	20.06	20.16	20.06		
100	PI/2 BPSK	135	0	20.05	20.13	20.06	21.4	0.0
100	PI/2 BPSK	135	69	20.09	20.20	19.98	21.4	0.0
100	PI/2 BPSK	135	138	20.13	20.16	20.02	21.4	0.0
100	PI/2 BPSK	270	0	20.08	20.12	19.97		
100	QPSK	1	1	20.24	20.30	20.26	21.4	0.0
100	QPSK	1	137	20.16	20.17	20.00		
100	QPSK	1	271	20.14	20.19	19.98		
100	QPSK	135	0	20.16	20.23	19.96	21.4	0.0
100	QPSK	135	69	20.25	20.28	20.22	21.4	0.0
100	QPSK	135	138	20.10	20.12	19.95	21.4	0.0
100	QPSK	270	0	20.18	20.25	20.08		
100	16QAM	1	1	20.06	20.13	20.02	21.4	0.0
100	64QAM	1	1	20.16	20.16	20.01	21.4	0.0
100	256QAM	1	1	20.13	20.14	20.01	21.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.04	20.18	20.01	21.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.06	20.22	19.95	21.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.09	20.15	20.00	21.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.05	20.16	19.94	21.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.11	20.21	20.03	21.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.14	20.22	19.95	21.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.09	20.17	19.94	21.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.12	20.16	20.03	21.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.07	20.11	20.06	21.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.15	20.18	19.95	21.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.10	20.12	19.95	21.4	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.01		21.4	0.0
100	PI/2 BPSK	1	137		20.10			
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.06		21.4	0.0
100	PI/2 BPSK	135	69		20.09		21.4	0.0
100	PI/2 BPSK	135	138		20.08		21.4	0.0
100	PI/2 BPSK	270	0		20.06			
100	QPSK	1	1		20.22		21.4	0.0
100	QPSK	1	137		20.06			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.15		21.4	0.0
100	QPSK	135	69		20.16		21.4	0.0
100	QPSK	135	138		20.05		21.4	0.0
100	QPSK	270	0		20.13			
100	16QAM	1	1		20.02		21.4	0.0
100	64QAM	1	1		20.08		21.4	0.0
100	256QAM	1	1		20.10		21.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.12	20.13	20.04	21.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.10	20.13	20.00	21.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.05	20.14	20.00	21.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.07	20.17	20.03	21.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.14	20.15	19.97	21.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.05	20.15	20.01	21.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.15	20.20	19.97	21.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.11	20.13	20.05	21.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.15	20.17	20.02	21.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.13	20.19	20.02	21.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.13	20.12	20.06	21.4	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.56	16.60	16.55	18.1	0.0
100	PI/2 BPSK	1	137	16.56	16.61	16.59		
100	PI/2 BPSK	1	271	16.58	16.61	16.55		
100	PI/2 BPSK	135	0	16.60	16.59	16.57	18.1	0.0
100	PI/2 BPSK	135	69	16.61	16.64	16.54	18.1	0.0
100	PI/2 BPSK	135	138	16.55	16.65	16.55	18.1	0.0
100	PI/2 BPSK	270	0	16.55	16.64	16.54		
100	QPSK	1	1	16.71	16.75	16.70	18.1	0.0
100	QPSK	1	137	16.56	16.56	16.59		
100	QPSK	1	271	16.61	16.58	16.56		
100	QPSK	135	0	16.52	16.59	16.62	18.1	0.0
100	QPSK	135	69	16.65	16.70	16.61	18.1	0.0
100	QPSK	135	138	16.50	16.59	16.58	18.1	0.0
100	QPSK	270	0	16.61	16.65	16.64		
100	16QAM	1	1	16.59	16.63	16.54	18.1	0.0
100	64QAM	1	1	16.62	16.58	16.54	18.1	0.0
100	256QAM	1	1	16.50	16.54	16.56	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.51	16.57	16.53	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.55	16.64	16.58	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.58	16.56	16.62	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.50	16.56	16.55	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.58	16.60	16.63	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.60	16.60	16.64	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.61	16.60	16.53	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.55	16.54	16.57	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.55	16.65	16.63	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.55	16.59	16.61	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.52	16.61	16.57	18.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.51		18.1	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.51			
100	PI/2 BPSK	135	0		16.55		18.1	0.0
100	PI/2 BPSK	135	69		16.55		18.1	0.0
100	PI/2 BPSK	135	138		16.52		18.1	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.68		18.1	0.0
100	QPSK	1	137		16.44			
100	QPSK	1	271		16.51			
100	QPSK	135	0		16.47		18.1	0.0
100	QPSK	135	69		16.57		18.1	0.0
100	QPSK	135	138		16.51		18.1	0.0
100	QPSK	270	0		16.55			
100	16QAM	1	1		16.50		18.1	0.0
100	64QAM	1	1		16.48		18.1	0.0
100	256QAM	1	1		16.49		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.39	16.49	16.51	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.39	16.48	16.41	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.47	16.47	16.46	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.41	16.54	16.48	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.40	16.47	16.44	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.41	16.45	16.48	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.38	16.54	16.48	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.42	16.45	16.51	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.43	16.48	16.43	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.48	16.54	16.42	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.46	16.49	16.42	18.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.76	19.78	19.83	20.9	0.0
100	PI/2 BPSK	1	137	19.75	19.79	19.84		
100	PI/2 BPSK	1	271	19.69	19.80	19.80		
100	PI/2 BPSK	135	0	19.77	19.79	19.75	20.9	0.0
100	PI/2 BPSK	135	69	19.73	19.79	19.85	20.9	0.0
100	PI/2 BPSK	135	138	19.74	19.88	19.82	20.9	0.0
100	PI/2 BPSK	270	0	19.75	19.86	19.77		
100	QPSK	1	1	19.94	19.98	19.96	20.9	0.0
100	QPSK	1	137	19.67	19.85	19.81		
100	QPSK	1	271	19.74	19.80	19.78		
100	QPSK	135	0	19.70	19.86	19.78	20.9	0.0
100	QPSK	135	69	19.92	19.95	19.93	20.9	0.0
100	QPSK	135	138	19.72	19.83	19.79	20.9	0.0
100	QPSK	270	0	19.80	19.92	19.87		
100	16QAM	1	1	19.75	19.83	19.84	20.9	0.0
100	64QAM	1	1	19.75	19.82	19.78	20.9	0.0
100	256QAM	1	1	19.75	19.86	19.81	20.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.74	19.84	19.77	20.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.74	19.88	19.75	20.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.73	19.85	19.75	20.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.68	19.79	19.82	20.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.70	19.82	19.77	20.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.73	19.83	19.81	20.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.70	19.87	19.83	20.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.69	19.84	19.78	20.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.72	19.88	19.75	20.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.74	19.82	19.81	20.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.74	19.82	19.80	20.9	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.72		20.9	0.0
100	PI/2 BPSK	1	137		19.70			
100	PI/2 BPSK	1	271		19.72			
100	PI/2 BPSK	135	0		19.77		20.9	0.0
100	PI/2 BPSK	135	69		19.70		20.9	0.0
100	PI/2 BPSK	135	138		19.82		20.9	0.0
100	PI/2 BPSK	270	0		19.76			
100	QPSK	1	1		19.92		20.9	0.0
100	QPSK	1	137		19.76			
100	QPSK	1	271		19.67			
100	QPSK	135	0		19.78		20.9	0.0
100	QPSK	135	69		19.85		20.9	0.0
100	QPSK	135	138		19.78		20.9	0.0
100	QPSK	270	0		19.81			
100	16QAM	1	1		19.74		20.9	0.0
100	64QAM	1	1		19.74		20.9	0.0
100	256QAM	1	1		19.75		20.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.72	19.73	19.65	20.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.62	19.71	19.71	20.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.65	19.72	19.68	20.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.61	19.82	19.70	20.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.67	19.81	19.65	20.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.60	19.72	19.67	20.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.68	19.76	19.73	20.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.70	19.73	19.65	20.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.66	19.79	19.63	20.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.61	19.81	19.73	20.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.71	19.82	19.68	20.9	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.62	18.68	18.53	19.6	0.0
100	PI/2 BPSK	1	137	18.64	18.63	18.57		
100	PI/2 BPSK	1	271	18.55	18.64	18.51		
100	PI/2 BPSK	135	0	18.57	18.61	18.57	19.6	0.0
100	PI/2 BPSK	135	69	18.54	18.65	18.47	19.6	0.0
100	PI/2 BPSK	135	138	18.57	18.62	18.51	19.6	0.0
100	PI/2 BPSK	270	0	18.61	18.69	18.57		
100	QPSK	1	1	18.76	18.80	18.78	19.6	0.0
100	QPSK	1	137	18.61	18.64	18.59		
100	QPSK	1	271	18.58	18.69	18.48		
100	QPSK	135	0	18.56	18.69	18.49	19.6	0.0
100	QPSK	135	69	18.75	18.77	18.72	19.6	0.0
100	QPSK	135	138	18.54	18.66	18.58	19.6	0.0
100	QPSK	270	0	18.68	18.72	18.61		
100	16QAM	1	1	18.59	18.65	18.51	19.6	0.0
100	64QAM	1	1	18.65	18.68	18.56	19.6	0.0
100	256QAM	1	1	18.54	18.62	18.56	19.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.56	18.29	19.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.54	18.59	18.33	19.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.53	18.58	18.38	19.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.54	18.57	18.37	19.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.56	18.61	18.32	19.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.67	18.34	19.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.53	18.67	18.29	19.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.50	18.67	18.33	19.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.54	18.64	18.30	19.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.51	18.64	18.34	19.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.48	18.61	18.33	19.6	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.57		19.6	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.47		19.6	0.0
100	PI/2 BPSK	135	69		18.52		19.6	0.0
100	PI/2 BPSK	135	138		18.57		19.6	0.0
100	PI/2 BPSK	270	0		18.58			
100	QPSK	1	1		18.76		19.6	0.0
100	QPSK	1	137		18.60			
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.58		19.6	0.0
100	QPSK	135	69		18.72		19.6	0.0
100	QPSK	135	138		18.63		19.6	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.54		19.6	0.0
100	64QAM	1	1		18.57		19.6	0.0
100	256QAM	1	1		18.52		19.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.36	18.62	18.20	19.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.36	18.63	18.22	19.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.40	18.57	18.16	19.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.44	18.64	18.24	19.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.37	18.57	18.18	19.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.40	18.54	18.18	19.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.43	18.61	18.24	19.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.43	18.58	18.18	19.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.45	18.64	18.15	19.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.40	18.52	18.25	19.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.35	18.59	18.25	19.6	0.0

Reduced Power Mode for ECI6

n5 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.13	23.18	23.15	24.0	0.0
20	QPSK	50	28	23.05	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

n66 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.80	22.82	22.78	24.0	0.0
40	QPSK	108	54	22.70	22.71	22.67	24.0	0.0
40	QPSK	216	0	21.74	21.79	21.72	23.0	1.0

n41 Ant 0 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.76	21.84	21.78	23.0	0.0
100	QPSK	135	69	21.68	21.74	21.59	23.0	0.0
100	QPSK	270	0	21.61	21.69	21.62	23.0	0.0

n5 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.89	22.94	22.92	24.0	0.0
40	QPSK	108	54	22.85	22.89	22.84	24.0	0.0
40	QPSK	216	0	21.90	21.93	21.88	23.0	0.0

n41 Ant 1 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.69	21.80	21.67	23.0	0.0
100	QPSK	135	69	21.60	21.70	21.57	23.0	0.0
100	QPSK	270	0	21.45	21.61	21.49	23.0	0.0

n66 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.59	20.75	20.64	21.9	0.0
40	QPSK	108	54	20.40	20.55	20.49	21.9	0.0
40	QPSK	216	0	20.58	20.60	20.56	21.9	0.0

n41 Ant 2 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.50	20.52	20.45	21.6	0.0
100	QPSK	135	69	20.23	20.49	20.39	21.6	0.0
100	QPSK	270	0	20.30	20.35	20.22	21.6	0.0

n66 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.57	21.61	21.57	22.9	0.0
40	QPSK	108	54	21.35	21.37	21.30	22.9	0.0
40	QPSK	216	0	21.31	21.40	21.38	22.9	0.1

n41 Ant 3 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.05	19.11	19.10	20.1	0.0
100	QPSK	135	69	18.97	19.06	19.01	20.1	0.0
100	QPSK	270	0	18.99	19.02	18.99	20.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.05	19.08	18.91	20.1	0.0
100	PI/2 BPSK	1	137	19.08	19.13	18.94		
100	PI/2 BPSK	1	271	19.02	19.13	18.96		
100	PI/2 BPSK	135	0	19.11	19.13	18.91	20.1	0.0
100	PI/2 BPSK	135	69	19.02	19.13	19.00	20.1	0.0
100	PI/2 BPSK	135	138	19.07	19.05	18.91	20.1	0.0
100	PI/2 BPSK	270	0	19.11	19.14	18.92		
100	QPSK	1	1	19.18	19.21	19.16	20.1	0.0
100	QPSK	1	137	19.08	19.06	18.91		
100	QPSK	1	271	19.12	19.09	18.97		
100	QPSK	135	0	19.06	19.11	18.92	20.1	0.0
100	QPSK	135	69	19.11	19.19	19.07	20.1	0.0
100	QPSK	135	138	19.07	19.03	18.90	20.1	0.0
100	QPSK	270	0	19.15	19.17	19.03		
100	16QAM	1	1	19.09	19.08	18.92	20.1	0.0
100	64QAM	1	1	19.08	19.06	19.00	20.1	0.0
100	256QAM	1	1	19.10	19.15	18.98	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.05	19.09	18.90	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.12	19.09	18.90	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.06	19.09	18.91	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.11	19.07	19.00	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.13	19.07	18.98	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.06	19.13	18.99	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.05	19.14	18.96	20.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.07	19.13	18.95	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.10	19.10	18.96	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.04	19.11	18.93	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.11	19.07	18.93	20.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.97		20.1	0.0
100	PI/2 BPSK	1	137		19.08			
100	PI/2 BPSK	1	271		19.06			
100	PI/2 BPSK	135	0		19.05		20.1	0.0
100	PI/2 BPSK	135	69		19.04		20.1	0.0
100	PI/2 BPSK	135	138		18.93		20.1	0.0
100	PI/2 BPSK	270	0		19.08			
100	QPSK	1	1		19.17		20.1	0.0
100	QPSK	1	137		19.01			
100	QPSK	1	271		19.02			
100	QPSK	135	0		19.05		20.1	0.0
100	QPSK	135	69		19.16		20.1	0.0
100	QPSK	135	138		18.91		20.1	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		18.98		20.1	0.0
100	64QAM	1	1		19.01		20.1	0.0
100	256QAM	1	1		19.04		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.05	19.13	18.89	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.04	19.04	18.92	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.04	19.11	18.90	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.08	19.10	18.94	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.05	19.11	18.93	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.07	19.11	19.00	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.05	19.07	18.99	20.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.02	19.05	18.92	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.12	19.06	18.98	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.03	19.07	19.00	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.08	19.04	18.91	20.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.08	19.13	18.78	20.1	0.0
100	PI/2 BPSK	1	137	18.90	19.12	18.75		
100	PI/2 BPSK	1	271	18.97	19.18	18.85		
100	PI/2 BPSK	135	0	18.89	19.03	18.66	20.1	0.0
100	PI/2 BPSK	135	69	18.89	18.96	18.85	20.1	0.0
100	PI/2 BPSK	135	138	18.87	18.95	18.78	20.1	0.0
100	PI/2 BPSK	270	0	18.84	18.94	18.90		
100	QPSK	1	1	19.04	19.20	18.91	20.1	0.0
100	QPSK	1	137	19.05	19.18	18.89		
100	QPSK	1	271	19.14	19.15	18.83		
100	QPSK	135	0	18.97	19.10	18.72	20.1	0.0
100	QPSK	135	69	19.00	19.11	18.87	20.1	0.0
100	QPSK	135	138	18.90	19.07	18.85	20.1	0.0
100	QPSK	270	0	18.93	19.05	18.82		
100	16QAM	1	1	18.68	18.81	18.79	20.1	0.0
100	64QAM	1	1	18.70	18.82	18.76	20.1	0.0
100	256QAM	1	1	19.06	19.12	19.10	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.18	18.83	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.96	19.16	18.88	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.01	19.19	18.90	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.96	19.12	18.87	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.92	19.10	18.89	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.95	19.13	18.85	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.98	19.16	18.82	20.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.00	19.13	18.90	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.01	19.20	18.88	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.93	19.13	18.81	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.92	19.16	18.85	20.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.04		20.1	0.0
100	PI/2 BPSK	1	137		19.07			
100	PI/2 BPSK	1	271		19.15			
100	PI/2 BPSK	135	0		18.87		20.1	0.0
100	PI/2 BPSK	135	69		18.90		20.1	0.0
100	PI/2 BPSK	135	138		18.91		20.1	0.0
100	PI/2 BPSK	270	0		18.87			
100	QPSK	1	1		19.18		20.1	0.0
100	QPSK	1	137		19.15			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.98		20.1	0.0
100	QPSK	135	69		19.03		20.1	0.0
100	QPSK	135	138		18.98		20.1	0.0
100	QPSK	270	0		19.03			
100	16QAM	1	1		18.67		20.1	0.0
100	64QAM	1	1		18.58		20.1	0.0
100	256QAM	1	1		19.02		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.96	19.06	18.77	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.97	19.08	18.76	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.92	19.13	18.80	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.01	19.05	18.78	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.92	19.04	18.77	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.91	19.10	18.81	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.94	19.12	18.75	20.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.00	19.08	18.77	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.92	19.08	18.77	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.00	19.12	18.75	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.96	19.05	18.74	20.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.27	23.29	23.17	24.0	0.0
100	PI/2 BPSK	1	137	23.20	23.23	23.20		
100	PI/2 BPSK	1	271	23.14	23.20	23.06		
100	PI/2 BPSK	135	0	23.11	23.18	23.15	24.0	0.0
100	PI/2 BPSK	135	69	23.11	23.27	23.14	24.0	0.0
100	PI/2 BPSK	135	138	23.00	23.14	23.07	24.0	0.0
100	PI/2 BPSK	270	0	23.15	23.19	23.03		
100	QPSK	1	1	23.36	23.43	23.31	24.0	0.0
100	QPSK	1	137	23.21	23.28	23.22		
100	QPSK	1	271	23.13	23.25	23.23		
100	QPSK	135	0	23.22	23.26	23.23	24.0	0.0
100	QPSK	135	69	23.23	23.33	23.23	24.0	0.0
100	QPSK	135	138	23.19	23.23	23.18	24.0	0.0
100	QPSK	270	0	23.22	23.30	23.26		
100	16QAM	1	1	23.11	23.22	23.20	24.0	0.0
100	64QAM	1	1	23.09	23.11	23.14	24.0	0.0
100	256QAM	1	1	21.75	21.79	21.75	22.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.12	23.22	23.21	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.19	23.22	23.22	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.17	23.18	23.20	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.19	23.25	23.12	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.10	23.24	23.14	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.18	23.25	23.18	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.14	23.16	23.20	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.12	23.23	23.14	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.09	23.19	23.21	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.17	23.19	23.23	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.13	23.19	23.15	24.0	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.23		24.0	0.0
100	PI/2 BPSK	1	137		23.12			
100	PI/2 BPSK	1	271		23.16			
100	PI/2 BPSK	135	0		23.09		24.0	0.0
100	PI/2 BPSK	135	69		23.22		24.0	0.0
100	PI/2 BPSK	135	138		23.02		24.0	0.0
100	PI/2 BPSK	270	0		23.12			
100	QPSK	1	1		23.29		24.0	0.0
100	QPSK	1	137		23.20			
100	QPSK	1	271		23.19			
100	QPSK	135	0		23.20		24.0	0.0
100	QPSK	135	69		23.22		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0
100	QPSK	270	0		23.20			
100	16QAM	1	1		23.18		24.0	0.0
100	64QAM	1	1		23.07		24.0	0.0
100	256QAM	1	1		21.72		22.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.00	23.15	23.17	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.07	23.11	23.17	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.07	23.11	23.12	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.07	23.10	23.15	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.07	23.08	23.09	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.09	23.19	23.18	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.99	23.13	23.08	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.07	23.11	23.09	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.01	23.11	23.13	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.01	23.10	23.10	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.02	23.20	23.12	24.0	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.38	18.70	18.37	19.6	0.0
100	PI/2 BPSK	1	137	18.45	18.64	18.32		
100	PI/2 BPSK	1	271	18.39	18.54	18.35		
100	PI/2 BPSK	135	0	18.51	18.57	18.29	19.6	0.0
100	PI/2 BPSK	135	69	18.42	18.52	18.32	19.6	0.0
100	PI/2 BPSK	135	138	18.41	18.57	18.35	19.6	0.0
100	PI/2 BPSK	270	0	18.29	18.48	18.21		
100	QPSK	1	1	18.48	18.74	18.37	19.6	0.0
100	QPSK	1	137	18.42	18.68	18.38		
100	QPSK	1	271	18.46	18.59	18.39		
100	QPSK	135	0	18.42	18.59	18.42	19.6	0.0
100	QPSK	135	69	18.50	18.65	18.41	19.6	0.0
100	QPSK	135	138	18.44	18.53	18.32	19.6	0.0
100	QPSK	270	0	18.34	18.54	18.34		
100	16QAM	1	1	18.33	18.39	18.28	19.6	0.0
100	64QAM	1	1	18.27	18.35	18.37	19.6	0.0
100	256QAM	1	1	18.38	18.45	18.51	19.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.56	18.29	19.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.54	18.59	18.33	19.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.53	18.58	18.38	19.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.54	18.57	18.37	19.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.56	18.61	18.32	19.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.55	18.67	18.34	19.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.53	18.67	18.29	19.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.50	18.67	18.33	19.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.54	18.64	18.30	19.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.51	18.64	18.34	19.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.48	18.61	18.33	19.6	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.49		19.6	0.0
100	PI/2 BPSK	1	137		18.50			
100	PI/2 BPSK	1	271		18.58			
100	PI/2 BPSK	135	0		18.50		19.6	0.0
100	PI/2 BPSK	135	69		18.49		19.6	0.0
100	PI/2 BPSK	135	138		18.46		19.6	0.0
100	PI/2 BPSK	270	0		18.39			
100	QPSK	1	1		18.65		19.6	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.56			
100	QPSK	135	0		18.53		19.6	0.0
100	QPSK	135	69		18.59		19.6	0.0
100	QPSK	135	138		18.53		19.6	0.0
100	QPSK	270	0		18.44			
100	16QAM	1	1		18.17		19.6	0.0
100	64QAM	1	1		18.36		19.6	0.0
100	256QAM	1	1		18.32		19.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.36	18.62	18.20	19.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.36	18.63	18.22	19.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.40	18.57	18.16	19.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.44	18.64	18.24	19.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.37	18.57	18.18	19.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.40	18.54	18.18	19.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.43	18.61	18.24	19.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.43	18.58	18.18	19.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.45	18.64	18.15	19.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.40	18.52	18.25	19.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.35	18.59	18.25	19.6	0.0

Reduced Power Mode for ECI9

n5 Ant 0 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.13	23.18	23.15	24.0	0.0
20	QPSK	50	28	23.05	23.13	23.08	24.0	0.0
20	QPSK	100	0	22.18	22.25	22.20	23.0	1.0

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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)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.50	19.55	19.52	20.4	0.0
40	QPSK	108	54	19.44	19.45	19.42	20.4	0.0
40	QPSK	216	0	19.41	19.50	19.45	20.4	1.0

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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)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.22	20.31	20.26	21.5	0.0
100	QPSK	135	69	20.16	20.27	20.04	21.5	0.0
100	QPSK	270	0	20.09	20.18	20.11	21.5	0.0

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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)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.67	21.78	21.71	22.9	0.0
40	QPSK	108	54	21.69	21.75	21.61	22.9	0.0
40	QPSK	216	0	21.68	21.72	21.65	22.9	0.1

n41 Ant 1 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	18.69	18.76	18.65	20.3	0.0
100	QPSK	135	69	18.61	18.64	18.59	20.3	0.0
100	QPSK	270	0	18.49	18.60	18.54	20.3	0.0

n66 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	13.25	13.38	13.35	14.4	0.0
40	QPSK	108	54	13.13	13.22	13.14	14.4	0.0
40	QPSK	216	0	13.24	13.31	13.25	14.4	1.0

n41 Ant 2 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	13.53	13.54	13.42	14.7	0.0
100	QPSK	135	69	13.29	13.48	13.36	14.7	0.0
100	QPSK	270	0	13.30	13.32	13.26	14.7	0.0

n66 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.50	16.53	16.52	17.8	0.0
40	QPSK	108	54	16.20	16.28	16.23	17.8	0.0
40	QPSK	216	0	16.31	16.34	16.33	17.8	1.0

n41 Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	14.65	14.73	14.67	16.1	0.0
100	QPSK	135	69	14.57	14.59	14.55	16.1	0.0
100	QPSK	270	0	14.55	14.57	14.52	16.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.83	13.06	12.89	14.4	0.0
100	PI/2 BPSK	1	137	12.79	13.06	12.80		
100	PI/2 BPSK	1	271	12.85	13.13	12.89		
100	PI/2 BPSK	135	0	12.75	13.05	12.82	14.4	0.0
100	PI/2 BPSK	135	69	12.74	13.15	12.77	14.4	0.0
100	PI/2 BPSK	135	138	12.89	13.10	12.83	14.4	0.0
100	PI/2 BPSK	270	0	12.71	12.94	12.94		
100	QPSK	1	1	12.93	13.21	12.93	14.4	0.0
100	QPSK	1	137	12.77	13.13	12.79		
100	QPSK	1	271	12.87	13.15	12.82		
100	QPSK	135	0	12.84	13.16	12.89	14.4	0.0
100	QPSK	135	69	12.79	13.19	12.88	14.4	0.0
100	QPSK	135	138	12.84	13.11	12.90	14.4	0.0
100	QPSK	270	0	12.80	13.03	12.93		
100	16QAM	1	1	12.95	12.96	12.89	14.4	0.0
100	64QAM	1	1	12.84	12.97	12.96	14.4	0.0
100	256QAM	1	1	12.85	13.06	13.05	14.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.83	13.18	12.83	14.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.92	13.15	12.82	14.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.87	13.20	12.91	14.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.88	13.15	12.84	14.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.90	13.18	12.85	14.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.92	13.17	12.81	14.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.83	13.18	12.88	14.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.89	13.10	12.88	14.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.89	13.11	12.92	14.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.82	13.14	12.84	14.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.89	13.11	12.92	14.4	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.94		14.4	0.0
100	PI/2 BPSK	1	137		12.89			
100	PI/2 BPSK	1	271		12.85			
100	PI/2 BPSK	135	0		12.77		14.4	0.0
100	PI/2 BPSK	135	69		12.84		14.4	0.0
100	PI/2 BPSK	135	138		12.81		14.4	0.0
100	PI/2 BPSK	270	0		12.94			
100	QPSK	1	1		13.02		14.4	0.0
100	QPSK	1	137		12.93			
100	QPSK	1	271		13.00			
100	QPSK	135	0		12.87		14.4	0.0
100	QPSK	135	69		12.92		14.4	0.0
100	QPSK	135	138		12.83		14.4	0.0
100	QPSK	270	0		12.93			
100	16QAM	1	1		12.46		14.4	0.0
100	64QAM	1	1		12.48		14.4	0.0
100	256QAM	1	1		12.50		14.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.87	13.00	12.91	14.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.97	12.92	13.00	14.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.90	12.95	12.95	14.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.92	12.92	12.90	14.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.92	12.98	12.93	14.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.90	12.94	13.00	14.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.94	12.91	12.88	14.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.97	12.99	12.92	14.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.92	12.91	12.88	14.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.93	12.94	12.97	14.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.90	13.00	12.91	14.4	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.87	14.01	13.62	15.2	0.0
100	PI/2 BPSK	1	137	13.78	13.98	13.55		
100	PI/2 BPSK	1	271	13.80	13.96	13.70		
100	PI/2 BPSK	135	0	13.66	13.79	13.49	15.2	0.0
100	PI/2 BPSK	135	69	13.76	13.83	13.63	15.2	0.0
100	PI/2 BPSK	135	138	13.65	13.74	13.58	15.2	0.0
100	PI/2 BPSK	270	0	13.74	13.80	13.65		
100	QPSK	1	1	13.91	14.02	13.76	15.2	0.0
100	QPSK	1	137	13.93	14.04	13.73		
100	QPSK	1	271	13.91	14.01	13.66		
100	QPSK	135	0	13.74	13.87	13.59	15.2	0.0
100	QPSK	135	69	13.83	13.92	13.73	15.2	0.0
100	QPSK	135	138	13.75	13.90	13.65	15.2	0.0
100	QPSK	270	0	13.72	13.84	13.69		
100	16QAM	1	1	13.56	13.60	13.58	15.2	0.0
100	64QAM	1	1	13.54	13.65	13.55	15.2	0.0
100	256QAM	1	1	13.99	14.00	14.02	15.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.71	13.86	13.61	15.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.73	13.88	13.60	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.79	13.85	13.64	15.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.79	13.91	13.63	15.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.79	13.85	13.56	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.75	13.88	13.57	15.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.74	13.82	13.64	15.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.74	13.87	13.61	15.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.68	13.91	13.56	15.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.71	13.88	13.61	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.77	13.90	13.63	15.2	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.84		15.2	0.0
100	PI/2 BPSK	1	137		13.92			
100	PI/2 BPSK	1	271		13.93			
100	PI/2 BPSK	135	0		13.74		15.2	0.0
100	PI/2 BPSK	135	69		13.69		15.2	0.0
100	PI/2 BPSK	135	138		13.66		15.2	0.0
100	PI/2 BPSK	270	0		13.68			
100	QPSK	1	1		13.96		15.2	0.0
100	QPSK	1	137		13.95			
100	QPSK	1	271		13.88			
100	QPSK	135	0		13.74		15.2	0.0
100	QPSK	135	69		13.88		15.2	0.0
100	QPSK	135	138		13.78		15.2	0.0
100	QPSK	270	0		13.78			
100	16QAM	1	1		13.61		15.2	0.0
100	64QAM	1	1		13.41		15.2	0.0
100	256QAM	1	1		13.92		15.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.68	13.84	13.41	15.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.65	13.78	13.48	15.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.68	13.82	13.43	15.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.64	13.84	13.45	15.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.60	13.80	13.43	15.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.67	13.84	13.48	15.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.70	13.82	13.41	15.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.67	13.84	13.46	15.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.61	13.81	13.50	15.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.71	13.82	13.50	15.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.61	13.75	13.52	15.2	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.51	16.61	16.45	18.1	0.0
100	PI/2 BPSK	1	137	16.41	16.53	16.49		
100	PI/2 BPSK	1	271	16.37	16.48	16.26		
100	PI/2 BPSK	135	0	16.40	16.50	16.42	18.1	0.0
100	PI/2 BPSK	135	69	16.43	16.52	16.42	18.1	0.0
100	PI/2 BPSK	135	138	16.26	16.38	16.34	18.1	0.0
100	PI/2 BPSK	270	0	16.39	16.44	16.32		
100	QPSK	1	1	16.61	16.72	16.62	18.1	0.0
100	QPSK	1	137	16.43	16.56	16.52		
100	QPSK	1	271	16.37	16.50	16.49		
100	QPSK	135	0	16.43	16.49	16.49	18.1	0.0
100	QPSK	135	69	16.44	16.55	16.53	18.1	0.0
100	QPSK	135	138	16.41	16.44	16.49	18.1	0.0
100	QPSK	270	0	16.53	16.60	16.46		
100	16QAM	1	1	16.41	16.47	16.45	18.1	0.0
100	64QAM	1	1	16.29	16.35	16.37	18.1	0.0
100	256QAM	1	1	16.56	16.54	16.53	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.15	16.23	16.16	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.18	16.26	16.27	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.16	16.19	16.21	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.13	16.19	16.20	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.16	16.25	16.27	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.15	16.22	16.18	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.13	16.21	16.18	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.15	16.25	16.26	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.16	16.19	16.26	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.15	16.27	16.24	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.16	16.26	16.17	18.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.50		18.1	0.0
100	PI/2 BPSK	1	137		16.40			
100	PI/2 BPSK	1	271		16.41			
100	PI/2 BPSK	135	0		16.33		18.1	0.0
100	PI/2 BPSK	135	69		16.53		18.1	0.0
100	PI/2 BPSK	135	138		16.29		18.1	0.0
100	PI/2 BPSK	270	0		16.33			
100	QPSK	1	1		16.56		18.1	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.50			
100	QPSK	135	0		16.43		18.1	0.0
100	QPSK	135	69		16.48		18.1	0.0
100	QPSK	135	138		16.36		18.1	0.0
100	QPSK	270	0		16.45			
100	16QAM	1	1		16.45		18.1	0.0
100	64QAM	1	1		16.28		18.1	0.0
100	256QAM	1	1		16.44		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.15	16.16	16.15	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.13	16.15	16.15	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.16	16.20	16.13	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.16	16.20	16.22	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.16	16.18	16.22	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.18	16.12	16.12	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.15	16.12	16.19	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.13	16.17	16.12	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.17	16.20	16.16	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.13	16.11	16.17	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.15	16.15	16.21	18.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.24	14.36	14.21	15.1	0.0
100	PI/2 BPSK	1	137	14.27	14.33	14.10		
100	PI/2 BPSK	1	271	14.15	14.34	14.11		
100	PI/2 BPSK	135	0	14.21	14.35	14.16	15.1	0.0
100	PI/2 BPSK	135	69	14.25	14.36	14.06	15.1	0.0
100	PI/2 BPSK	135	138	14.22	14.31	14.19	15.1	0.0
100	PI/2 BPSK	270	0	14.13	14.17	14.01		
100	QPSK	1	1	14.30	14.50	14.13	15.1	0.0
100	QPSK	1	137	14.25	14.42	14.19		
100	QPSK	1	271	14.22	14.42	14.24		
100	QPSK	135	0	14.21	14.34	14.16	15.1	0.0
100	QPSK	135	69	14.23	14.44	14.15	15.1	0.0
100	QPSK	135	138	14.20	14.38	14.21	15.1	0.0
100	QPSK	270	0	14.11	14.28	14.06		
100	16QAM	1	1	14.04	14.16	14.07	15.1	0.0
100	64QAM	1	1	14.03	14.13	14.09	15.1	0.0
100	256QAM	1	1	14.45	14.48	14.47	15.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.15	14.29	14.05	15.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.16	14.35	13.99	15.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.17	14.30	13.97	15.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.17	14.32	13.99	15.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.26	14.33	14.03	15.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.16	14.29	13.98	15.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.21	14.32	14.02	15.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.15	14.33	14.01	15.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.16	14.33	14.02	15.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.21	14.30	14.07	15.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.24	14.27	14.00	15.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.28		15.1	0.0
100	PI/2 BPSK	1	137		14.20			
100	PI/2 BPSK	1	271		14.24			
100	PI/2 BPSK	135	0		14.25		15.1	0.0
100	PI/2 BPSK	135	69		14.30		15.1	0.0
100	PI/2 BPSK	135	138		14.23		15.1	0.0
100	PI/2 BPSK	270	0		14.14			
100	QPSK	1	1		14.34		15.1	0.0
100	QPSK	1	137		14.32			
100	QPSK	1	271		14.30			
100	QPSK	135	0		14.30		15.1	0.0
100	QPSK	135	69		14.32		15.1	0.0
100	QPSK	135	138		14.27		15.1	0.0
100	QPSK	270	0		14.30			
100	16QAM	1	1		13.98		15.1	0.0
100	64QAM	1	1		14.06		15.1	0.0
100	256QAM	1	1		14.30		15.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.06	14.30	13.92	15.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.10	14.24	13.88	15.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.09	14.33	13.93	15.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.11	14.30	13.85	15.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.06	14.28	13.89	15.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.09	14.24	13.86	15.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.14	14.30	13.92	15.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.09	14.29	13.89	15.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.05	14.24	13.88	15.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.10	14.33	13.93	15.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.05	14.31	13.88	15.1	0.0

Reduced Power Mode for ECI10

n5 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	21.81	21.87	21.85	23.1	0.0
20	QPSK	50	28	21.77	21.84	21.76	23.1	0.0
20	QPSK	100	0	21.66	21.74	21.69	23.1	0.1

n66 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.83	17.86	17.73	19.1	0.0
40	QPSK	108	54	17.75	17.77	17.69	19.1	0.0
40	QPSK	216	0	17.70	17.75	17.67	19.1	1.0

n41 Ant 0 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	18.31	18.37	18.35	19.7	0.0
100	QPSK	135	69	18.15	18.28	18.10	19.7	0.0
100	QPSK	270	0	18.11	18.14	18.13	19.7	0.0

n5 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	22.88	22.94	22.91	24.0	0.0
20	QPSK	50	28	22.76	22.80	22.78	24.0	0.0
20	QPSK	100	0	21.87	21.91	21.90	23.0	0.0

n66 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.68	16.71	16.70	17.6	0.0
40	QPSK	108	54	16.61	16.66	16.63	17.6	0.0
40	QPSK	216	0	16.40	16.42	16.38	17.6	0.0

n41 Ant 1 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	18.18	18.28	18.14	19.3	0.0
100	QPSK	135	69	18.11	18.15	18.07	19.3	0.0
100	QPSK	270	0	17.90	18.07	17.95	19.3	0.0

n66 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	14.07	14.21	14.17	15.6	0.0
40	QPSK	108	54	13.86	14.03	13.92	15.6	0.0
40	QPSK	216	0	14.08	14.09	14.06	15.6	0.0

n41 Ant 2 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	13.54	13.58	13.53	14.7	0.0
100	QPSK	135	69	13.34	13.52	13.42	14.7	0.0
100	QPSK	270	0	13.40	13.41	13.38	14.7	0.0

n66 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.49	19.56	19.50	20.9	0.0
40	QPSK	108	54	19.31	19.40	19.37	20.9	0.0
40	QPSK	216	0	19.31	19.43	19.34	20.9	1.0

n41 Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	15.19	15.29	15.23	16.1	0.0
100	QPSK	135	69	15.10	15.20	15.14	16.1	0.0
100	QPSK	270	0	15.04	15.18	15.11	16.1	0.0

Part27O n77 Ant 4 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.75	13.91	13.79	15.4	0.0
100	PI/2 BPSK	1	137	13.81	13.93	13.84		
100	PI/2 BPSK	1	271	13.81	13.81	13.84		
100	PI/2 BPSK	135	0	13.86	13.91	13.76	15.4	0.0
100	PI/2 BPSK	135	69	13.79	13.83	13.81	15.4	0.0
100	PI/2 BPSK	135	138	13.83	13.91	13.76	15.4	0.0
100	PI/2 BPSK	270	0	13.82	13.85	13.80		
100	QPSK	1	1	13.95	14.01	13.96	15.4	0.0
100	QPSK	1	137	13.84	13.88	13.85		
100	QPSK	1	271	13.81	13.85	13.80		
100	QPSK	135	0	13.85	13.90	13.77	15.4	0.0
100	QPSK	135	69	13.81	13.97	13.93	15.4	0.0
100	QPSK	135	138	13.84	13.90	13.81	15.4	0.0
100	QPSK	270	0	13.89	13.95	13.88		
100	16QAM	1	1	13.80	13.85	13.75	15.4	0.0
100	64QAM	1	1	13.83	13.90	13.84	15.4	0.0
100	256QAM	1	1	13.79	13.86	13.85	15.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.82	13.85	13.85	15.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.79	13.87	13.84	15.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.80	13.89	13.86	15.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.77	13.93	13.83	15.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.83	13.84	13.85	15.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.85	13.91	13.86	15.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.79	13.92	13.85	15.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.87	13.87	13.82	15.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.86	13.91	13.80	15.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.86	13.88	13.83	15.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.78	13.87	13.84	15.4	0.0

Part27O n78 Ant 4 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.83		15.4	0.0
100	PI/2 BPSK	1	137		13.82			
100	PI/2 BPSK	1	271		13.78			
100	PI/2 BPSK	135	0		13.77		15.4	0.0
100	PI/2 BPSK	135	69		13.76		15.4	0.0
100	PI/2 BPSK	135	138		13.82		15.4	0.0
100	PI/2 BPSK	270	0		13.79			
100	QPSK	1	1		13.98		15.4	0.0
100	QPSK	1	137		13.85			
100	QPSK	1	271		13.82			
100	QPSK	135	0		13.77		15.4	0.0
100	QPSK	135	69		13.94		15.4	0.0
100	QPSK	135	138		13.86		15.4	0.0
100	QPSK	270	0		13.84			
100	16QAM	1	1		13.73		15.4	0.0
100	64QAM	1	1		13.78		15.4	0.0
100	256QAM	1	1		13.78		15.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.74	13.78	13.74	15.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.72	13.74	13.73	15.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.69	13.77	13.75	15.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.71	13.74	13.75	15.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.69	13.73	13.76	15.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.79	13.76	13.74	15.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.75	13.72	13.78	15.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.75	13.76	13.82	15.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.71	13.76	13.75	15.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.75	13.80	13.78	15.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.79	13.78	13.78	15.4	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.15	14.15	14.13	15.6	0.0
100	PI/2 BPSK	1	137	14.18	14.18	14.17		
100	PI/2 BPSK	1	271	14.17	14.21	14.17		
100	PI/2 BPSK	135	0	14.06	14.22	14.11	15.6	0.0
100	PI/2 BPSK	135	69	14.14	14.25	14.15	15.6	0.0
100	PI/2 BPSK	135	138	14.09	14.16	14.09	15.6	0.0
100	PI/2 BPSK	270	0	14.11	14.25	14.15		
100	QPSK	1	1	14.28	14.35	14.32	15.6	0.0
100	QPSK	1	137	14.18	14.24	14.20		
100	QPSK	1	271	14.17	14.17	14.18		
100	QPSK	135	0	14.13	14.17	14.14	15.6	0.0
100	QPSK	135	69	14.15	14.31	14.30	15.6	0.0
100	QPSK	135	138	14.17	14.21	14.10	15.6	0.0
100	QPSK	270	0	14.20	14.28	14.23		
100	16QAM	1	1	14.14	14.23	14.14	15.6	0.0
100	64QAM	1	1	14.13	14.23	14.21	15.6	0.0
100	256QAM	1	1	14.14	14.20	14.11	15.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.18	14.17	14.18	15.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.16	14.22	14.09	15.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.14	14.20	14.11	15.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.13	14.25	14.11	15.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.16	14.17	14.10	15.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.08	14.24	14.15	15.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.16	14.18	14.14	15.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.06	14.24	14.20	15.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.08	14.22	14.16	15.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.07	14.20	14.17	15.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.13	14.22	14.11	15.6	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.03		15.6	0.0
100	PI/2 BPSK	1	137		14.06			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		14.10		15.6	0.0
100	PI/2 BPSK	135	69		14.14		15.6	0.0
100	PI/2 BPSK	135	138		14.04		15.6	0.0
100	PI/2 BPSK	270	0		14.20			
100	QPSK	1	1		14.29		15.6	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.14			
100	QPSK	135	0		14.09		15.6	0.0
100	QPSK	135	69		14.22		15.6	0.0
100	QPSK	135	138		14.19		15.6	0.0
100	QPSK	270	0		14.21			
100	16QAM	1	1		14.19		15.6	0.0
100	64QAM	1	1		14.09		15.6	0.0
100	256QAM	1	1		14.13		15.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.17	14.25	14.19	15.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.16	14.20	14.19	15.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.13	14.18	14.19	15.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.07	14.20	14.20	15.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.12	14.23	14.20	15.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.11	14.15	14.15	15.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.07	14.25	14.16	15.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.17	14.22	14.16	15.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.16	14.20	14.14	15.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.11	14.24	14.14	15.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.14	14.23	14.12	15.6	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.19	17.30	17.11	18.1	0.0
100	PI/2 BPSK	1	137	17.16	17.22	17.17		
100	PI/2 BPSK	1	271	17.21	17.30	17.10		
100	PI/2 BPSK	135	0	17.23	17.25	17.15	18.1	0.0
100	PI/2 BPSK	135	69	17.21	17.22	17.13	18.1	0.0
100	PI/2 BPSK	135	138	17.23	17.27	17.16	18.1	0.0
100	PI/2 BPSK	270	0	17.16	17.26	17.09		
100	QPSK	1	1	17.35	17.42	17.38	18.1	0.0
100	QPSK	1	137	17.19	17.30	17.13		
100	QPSK	1	271	17.26	17.25	17.14		
100	QPSK	135	0	17.21	17.24	17.18	18.1	0.0
100	QPSK	135	69	17.36	17.39	17.35	18.1	0.0
100	QPSK	135	138	17.15	17.31	17.19	18.1	0.0
100	QPSK	270	0	17.29	17.36	17.23		
100	16QAM	1	1	17.25	17.33	17.16	18.1	0.0
100	64QAM	1	1	17.23	17.25	17.16	18.1	0.0
100	256QAM	1	1	17.20	17.26	17.11	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.19	17.31	17.12	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.21	17.28	17.16	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.23	17.25	17.11	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.15	17.31	17.10	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.23	17.25	17.10	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.15	17.26	17.12	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.26	17.25	17.16	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.22	17.30	17.20	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.22	17.29	17.13	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.19	17.32	17.15	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.16	17.26	17.21	18.1	0.0

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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)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.25		18.1	0.0
100	PI/2 BPSK	1	137		17.11			
100	PI/2 BPSK	1	271		17.22			
100	PI/2 BPSK	135	0		17.17		18.1	0.0
100	PI/2 BPSK	135	69		17.11		18.1	0.0
100	PI/2 BPSK	135	138		17.23		18.1	0.0
100	PI/2 BPSK	270	0		17.22			
100	QPSK	1	1		17.34		18.1	0.0
100	QPSK	1	137		17.25			
100	QPSK	1	271		17.17			
100	QPSK	135	0		17.20		18.1	0.0
100	QPSK	135	69		17.29		18.1	0.0
100	QPSK	135	138		17.18		18.1	0.0
100	QPSK	270	0		17.28			
100	16QAM	1	1		17.29		18.1	0.0
100	64QAM	1	1		17.13		18.1	0.0
100	256QAM	1	1		17.23		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.22	17.33	17.12	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.26	17.22	17.20	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.23	17.27	17.14	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.22	17.28	17.18	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.16	17.32	17.13	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.24	17.29	17.15	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.21	17.33	17.18	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.23	17.26	17.18	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.17	17.30	17.14	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.21	17.30	17.17	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.20	17.29	17.16	18.1	0.0

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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)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.89	15.92	15.87	17.3	0.0
100	PI/2 BPSK	1	137	15.81	15.89	15.89		
100	PI/2 BPSK	1	271	15.81	15.87	15.86		
100	PI/2 BPSK	135	0	15.86	15.92	15.89	17.3	0.0
100	PI/2 BPSK	135	69	15.89	15.88	15.86	17.3	0.0
100	PI/2 BPSK	135	138	15.86	15.88	15.86	17.3	0.0
100	PI/2 BPSK	270	0	15.81	15.92	15.91		
100	QPSK	1	1	16.03	16.07	16.04	17.3	0.0
100	QPSK	1	137	15.86	15.84	15.86		
100	QPSK	1	271	15.88	15.94	15.84		
100	QPSK	135	0	15.85	15.94	15.85	17.3	0.0
100	QPSK	135	69	16.00	16.04	15.98	17.3	0.0
100	QPSK	135	138	15.86	15.87	15.86	17.3	0.0
100	QPSK	270	0	15.88	15.95	15.94		
100	16QAM	1	1	15.84	15.88	15.84	17.3	0.0
100	64QAM	1	1	15.89	15.95	15.90	17.3	0.0
100	256QAM	1	1	15.87	15.84	15.95	17.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.85	15.84	15.92	17.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.84	15.85	15.95	17.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.83	15.93	15.86	17.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.82	15.91	15.94	17.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.87	15.88	15.94	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.79	15.85	15.90	17.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.88	15.92	15.95	17.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.78	15.89	15.90	17.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.84	15.93	15.84	17.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.77	15.94	15.93	17.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.85	15.94	15.91	17.3	0.0

Part27O n78 Ant 8 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.86		17.3	0.0
100	PI/2 BPSK	1	137		15.87			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.81		17.3	0.0
100	PI/2 BPSK	135	69		15.82		17.3	0.0
100	PI/2 BPSK	135	138		15.78		17.3	0.0
100	PI/2 BPSK	270	0		15.84			
100	QPSK	1	1		16.02		17.3	0.0
100	QPSK	1	137		15.83			
100	QPSK	1	271		15.88			
100	QPSK	135	0		15.91		17.3	0.0
100	QPSK	135	69		15.96		17.3	0.0
100	QPSK	135	138		15.81		17.3	0.0
100	QPSK	270	0		15.92			
100	16QAM	1	1		15.85		17.3	0.0
100	64QAM	1	1		15.92		17.3	0.0
100	256QAM	1	1		15.81		17.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.79	15.90	15.88	17.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.86	15.89	15.84	17.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.84	15.90	15.83	17.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.86	15.93	15.86	17.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.85	15.94	15.95	17.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.88	15.89	15.93	17.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.85	15.91	15.83	17.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.85	15.92	15.94	17.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.86	15.93	15.84	17.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.86	15.90	15.85	17.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.80	15.84	15.93	17.3	0.0

Full&Default Power Mode Other PA

n66 other PA Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.05	23.11	23.10	24.0	0.0
40	QPSK	108	54	22.80	22.85	22.82	24.0	0.0
40	QPSK	216	0	21.86	21.94	21.90	23.0	1.0

n41 other PA Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.14	21.24	21.19	22.0	0.0
100	QPSK	135	69	21.10	21.15	21.11	22.0	0.0
100	QPSK	270	0	21.09	21.13	21.12	22.0	0.0

Part27O n77 other PAAnt 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.69	20.79	20.48	22.0	0.0
100	PI/2 BPSK	1	137	20.61	20.83	20.44		
100	PI/2 BPSK	1	271	20.63	20.82	20.51		
100	PI/2 BPSK	135	0	20.50	20.64	20.30	22.0	0.0
100	PI/2 BPSK	135	69	20.53	20.64	20.51	22.0	0.0
100	PI/2 BPSK	135	138	20.48	20.60	20.42	22.0	0.0
100	PI/2 BPSK	270	0	20.54	20.62	20.51		
100	QPSK	1	1	20.75	20.89	20.57	22.0	0.0
100	QPSK	1	137	20.72	20.87	20.53		
100	QPSK	1	271	20.75	20.86	20.52		
100	QPSK	135	0	20.61	20.70	20.42	22.0	0.0
100	QPSK	135	69	20.63	20.74	20.54	22.0	0.0
100	QPSK	135	138	20.58	20.71	20.46	22.0	0.0
100	QPSK	270	0	20.57	20.67	20.53		
100	16QAM	1	1	20.38	20.42	20.41	22.0	0.0
100	64QAM	1	1	20.41	20.43	20.40	22.0	0.0
100	256QAM	1	1	19.46	19.54	19.51	20.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.64	20.77	20.49	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.72	20.79	20.54	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.70	20.77	20.52	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.71	20.80	20.45	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.61	20.81	20.53	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.66	20.79	20.51	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.68	20.79	20.48	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.61	20.83	20.51	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.61	20.78	20.45	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.62	20.79	20.45	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.66	20.85	20.53	22.0	0.0

Part27O n78 other PA Ant 6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.73		22.0	0.0
100	PI/2 BPSK	1	137		20.80			
100	PI/2 BPSK	1	271		20.74			
100	PI/2 BPSK	135	0		20.53		22.0	0.0
100	PI/2 BPSK	135	69		20.52		22.0	0.0
100	PI/2 BPSK	135	138		20.52		22.0	0.0
100	PI/2 BPSK	270	0		20.53			
100	QPSK	1	1		20.83		22.0	0.0
100	QPSK	1	137		20.82			
100	QPSK	1	271		20.74			
100	QPSK	135	0		20.57		22.0	0.0
100	QPSK	135	69		20.66		22.0	0.0
100	QPSK	135	138		20.60		22.0	0.0
100	QPSK	270	0		20.63			
100	16QAM	1	1		20.38		22.0	0.0
100	64QAM	1	1		20.29		22.0	0.0
100	256QAM	1	1		19.52		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.56	20.70	20.37	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.61	20.71	20.47	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.52	20.67	20.47	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.51	20.63	20.40	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.52	20.75	20.37	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.52	20.68	20.37	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.59	20.65	20.37	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.55	20.72	20.46	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.55	20.71	20.37	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.57	20.68	20.43	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.51	20.71	20.44	22.0	0.0

Reduced Power Mode for Other PA ECI2

n66 other PA Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.46	17.54	17.50	18.5	0.0
40	QPSK	108	54	17.24	17.30	17.22	18.5	0.0
40	QPSK	216	0	17.33	17.45	17.42	18.5	0.0

n41 other PA Ant 3 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	15.95	16.01	15.97	16.8	0.0
100	QPSK	135	69	15.88	15.92	15.90	16.8	0.0
100	QPSK	270	0	15.82	15.89	15.84	16.8	0.0

Part27O n77 other PA Ant 6 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.41	13.45	13.14	14.4	0.0
100	PI/2 BPSK	1	137	13.36	13.49	13.15		
100	PI/2 BPSK	1	271	13.37	13.47	13.24		
100	PI/2 BPSK	135	0	13.14	13.39	13.10	14.4	0.0
100	PI/2 BPSK	135	69	13.26	13.33	13.25	14.4	0.0
100	PI/2 BPSK	135	138	13.13	13.23	13.12	14.4	0.0
100	PI/2 BPSK	270	0	13.27	13.25	13.25		
100	QPSK	1	1	13.42	13.54	13.35	14.4	0.0
100	QPSK	1	137	13.40	13.50	13.34		
100	QPSK	1	271	13.45	13.52	13.38		
100	QPSK	135	0	13.27	13.35	13.29	14.4	0.0
100	QPSK	135	69	13.36	13.47	13.28	14.4	0.0
100	QPSK	135	138	13.24	13.38	13.26	14.4	0.0
100	QPSK	270	0	13.24	13.39	13.26		
100	16QAM	1	1	13.03	13.14	13.09	14.4	0.0
100	64QAM	1	1	13.07	13.17	13.05	14.4	0.0
100	256QAM	1	1	13.42	13.49	13.36	14.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.35	13.52	13.31	14.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.32	13.48	13.25	14.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.37	13.50	13.24	14.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.38	13.45	13.31	14.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.37	13.53	13.33	14.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.38	13.43	13.29	14.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.42	13.51	13.29	14.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.38	13.43	13.30	14.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.40	13.51	13.32	14.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.31	13.43	13.24	14.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.31	13.48	13.30	14.4	0.0

Part27O n78 other PA Ant 6 ECI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.27		14.4	0.0
100	PI/2 BPSK	1	137		13.30			
100	PI/2 BPSK	1	271		13.25			
100	PI/2 BPSK	135	0		12.98		14.4	0.0
100	PI/2 BPSK	135	69		12.99		14.4	0.0
100	PI/2 BPSK	135	138		13.03		14.4	0.0
100	PI/2 BPSK	270	0		13.09			
100	QPSK	1	1		13.35		14.4	0.0
100	QPSK	1	137		13.34			
100	QPSK	1	271		13.28			
100	QPSK	135	0		13.02		14.4	0.0
100	QPSK	135	69		13.19		14.4	0.0
100	QPSK	135	138		13.09		14.4	0.0
100	QPSK	270	0		13.13			
100	16QAM	1	1		12.83		14.4	0.0
100	64QAM	1	1		12.74		14.4	0.0
100	256QAM	1	1		13.32		14.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.02	13.24	12.87	14.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.05	13.26	12.83	14.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.08	13.19	12.83	14.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.10	13.21	12.83	14.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.03	13.25	12.82	14.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.10	13.25	12.91	14.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.05	13.21	12.91	14.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.05	13.14	12.90	14.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.11	13.16	12.89	14.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.07	13.23	12.84	14.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.03	13.20	12.90	14.4	0.0

Reduced Power Mode for Other PA ECI3

n66 other PA Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.56	20.65	20.62	21.6	0.0
40	QPSK	108	54	20.28	20.32	20.31	21.6	0.0
40	QPSK	216	0	20.25	20.30	20.26	21.6	0.0

n41 other PA Ant 3 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.76	19.79	19.74	21.1	0.0
100	QPSK	135	69	19.63	19.76	19.65	21.1	0.0
100	QPSK	270	0	19.69	19.74	19.69	21.1	0.0

Part27O n77 other PA Ant 6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.10	17.20	16.94	18.4	0.0
100	PI/2 BPSK	1	137	17.10	17.17	16.87		
100	PI/2 BPSK	1	271	17.11	17.25	16.91		
100	PI/2 BPSK	135	0	16.95	17.04	16.75	18.4	0.0
100	PI/2 BPSK	135	69	17.00	17.09	17.00	18.4	0.0
100	PI/2 BPSK	135	138	16.90	17.02	16.84	18.4	0.0
100	PI/2 BPSK	270	0	16.98	17.10	16.90		
100	QPSK	1	1	17.19	17.27	17.16	18.4	0.0
100	QPSK	1	137	17.11	17.25	16.94		
100	QPSK	1	271	17.22	17.26	17.12		
100	QPSK	135	0	17.07	17.16	17.08	18.4	0.0
100	QPSK	135	69	17.12	17.19	17.07	18.4	0.0
100	QPSK	135	138	17.00	17.12	17.05	18.4	0.0
100	QPSK	270	0	17.00	17.15	17.03		
100	16QAM	1	1	17.08	17.06	17.11	18.4	0.0
100	64QAM	1	1	17.03	17.14	17.02	18.4	0.0
100	256QAM	1	1	17.16	17.20	17.17	18.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.09	17.22	16.95	18.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.17	17.24	17.03	18.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.14	17.23	16.99	18.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.11	17.22	16.97	18.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.14	17.24	16.98	18.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.14	17.24	16.98	18.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.26	17.02	18.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.12	17.25	16.96	18.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.14	17.24	17.02	18.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.18	17.23	16.97	18.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.26	17.01	18.4	0.0

Part27O n78 other PA Ant 6 ECI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.18		18.4	0.0
100	PI/2 BPSK	1	137		17.17			
100	PI/2 BPSK	1	271		17.16			
100	PI/2 BPSK	135	0		17.02		18.4	0.0
100	PI/2 BPSK	135	69		17.06		18.4	0.0
100	PI/2 BPSK	135	138		17.01		18.4	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.25		18.4	0.0
100	QPSK	1	137		17.23			
100	QPSK	1	271		17.16			
100	QPSK	135	0		17.08		18.4	0.0
100	QPSK	135	69		17.20		18.4	0.0
100	QPSK	135	138		17.08		18.4	0.0
100	QPSK	270	0		17.10			
100	16QAM	1	1		17.07		18.4	0.0
100	64QAM	1	1		17.15		18.4	0.0
100	256QAM	1	1		17.12		18.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.08	17.19	16.86	18.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.05	17.22	16.91	18.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.08	17.20	16.89	18.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.11	17.21	16.84	18.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.06	17.16	16.90	18.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.04	17.18	16.90	18.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.07	17.18	16.89	18.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.04	17.16	16.84	18.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.10	17.18	16.82	18.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.06	17.23	16.88	18.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.04	17.20	16.90	18.4	0.0

Reduced Power Mode for Other PA ECI5

n66 other PA Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.05	23.11	23.10	24.0	0.0
40	QPSK	108	54	22.80	22.85	22.82	24.0	0.0
40	QPSK	216	0	21.86	21.94	21.90	23.0	1.0

n41 other PA Ant 3 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.34	20.40	20.36	22.0	0.0
100	QPSK	135	69	20.35	20.38	20.33	22.0	0.0
100	QPSK	270	0	20.23	20.33	20.21	22.0	0.0

Part27O n77 other PA Ant 6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.56	16.60	16.55	18.1	0.0
100	PI/2 BPSK	1	137	16.56	16.61	16.59		
100	PI/2 BPSK	1	271	16.58	16.61	16.55		
100	PI/2 BPSK	135	0	16.60	16.59	16.57	18.1	0.0
100	PI/2 BPSK	135	69	16.61	16.64	16.54	18.1	0.0
100	PI/2 BPSK	135	138	16.55	16.65	16.55	18.1	0.0
100	PI/2 BPSK	270	0	16.55	16.64	16.54		
100	QPSK	1	1	16.71	16.75	16.70	18.1	0.0
100	QPSK	1	137	16.56	16.56	16.59		
100	QPSK	1	271	16.61	16.58	16.56		
100	QPSK	135	0	16.52	16.59	16.62	18.1	0.0
100	QPSK	135	69	16.65	16.70	16.61	18.1	0.0
100	QPSK	135	138	16.50	16.59	16.58	18.1	0.0
100	QPSK	270	0	16.61	16.65	16.64		
100	16QAM	1	1	16.59	16.63	16.54	18.1	0.0
100	64QAM	1	1	16.62	16.58	16.54	18.1	0.0
100	256QAM	1	1	16.50	16.54	16.56	18.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.51	16.57	16.53	18.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.55	16.64	16.58	18.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.58	16.56	16.62	18.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.50	16.56	16.55	18.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.58	16.60	16.63	18.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.60	16.60	16.64	18.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.61	16.60	16.53	18.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.55	16.54	16.57	18.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.55	16.65	16.63	18.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.55	16.59	16.61	18.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.52	16.61	16.57	18.1	0.0

Part27O n78 other PA Ant 6 ECI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.51		18.1	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.51			
100	PI/2 BPSK	135	0		16.55		18.1	0.0
100	PI/2 BPSK	135	69		16.55		18.1	0.0
100	PI/2 BPSK	135	138		16.52		18.1	0.0
100	PI/2 BPSK	270	0		16.54			
100	QPSK	1	1		16.68		18.1	0.0
100	QPSK	1	137		16.44			
100	QPSK	1	271		16.51			
100	QPSK	135	0		16.47		18.1	0.0
100	QPSK	135	69		16.57		18.1	0.0
100	QPSK	135	138		16.51		18.1	0.0
100	QPSK	270	0		16.55			
100	16QAM	1	1		16.50		18.1	0.0
100	64QAM	1	1		16.48		18.1	0.0
100	256QAM	1	1		16.49		18.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.39	16.49	16.51	18.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.39	16.48	16.41	18.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.47	16.47	16.46	18.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.41	16.54	16.48	18.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.40	16.47	16.44	18.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.41	16.45	16.48	18.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.38	16.54	16.48	18.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.42	16.45	16.51	18.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.43	16.48	16.43	18.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.48	16.54	16.42	18.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.46	16.49	16.42	18.1	0.0

Reduced Power Mode for Other PA ECI6

n66 other PA Ant 3 ECI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.57	21.61	21.57	22.9	0.0
40	QPSK	108	54	21.35	21.37	21.30	22.9	0.0
40	QPSK	216	0	21.31	21.40	21.38	22.9	0.1

n41 other PA Ant 3 ECI6								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	19.30	19.32	19.28	20.4	0.0
100	QPSK	135	69	19.25	19.27	19.26	20.4	0.0
100	QPSK	270	0	19.16	19.22	19.21	20.4	0.0

Part27O n77 other PA Ant 6 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.08	19.13	18.78	20.1	0.0
100	PI/2 BPSK	1	137	18.90	19.12	18.75		
100	PI/2 BPSK	1	271	18.97	19.18	18.85		
100	PI/2 BPSK	135	0	18.89	19.03	18.66	20.1	0.0
100	PI/2 BPSK	135	69	18.89	18.96	18.85	20.1	0.0
100	PI/2 BPSK	135	138	18.87	18.95	18.78	20.1	0.0
100	PI/2 BPSK	270	0	18.84	18.94	18.90		
100	QPSK	1	1	19.04	19.20	18.91	20.1	0.0
100	QPSK	1	137	19.05	19.18	18.89		
100	QPSK	1	271	19.14	19.15	18.83		
100	QPSK	135	0	18.97	19.10	18.72	20.1	0.0
100	QPSK	135	69	19.00	19.11	18.87	20.1	0.0
100	QPSK	135	138	18.90	19.07	18.85	20.1	0.0
100	QPSK	270	0	18.93	19.05	18.82		
100	16QAM	1	1	18.68	18.81	18.79	20.1	0.0
100	64QAM	1	1	18.70	18.82	18.76	20.1	0.0
100	256QAM	1	1	19.06	19.12	19.10	20.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.00	19.18	18.83	20.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.96	19.16	18.88	20.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.01	19.19	18.90	20.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.96	19.12	18.87	20.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.92	19.10	18.89	20.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.95	19.13	18.85	20.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.98	19.16	18.82	20.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.00	19.13	18.90	20.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.01	19.20	18.88	20.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.93	19.13	18.81	20.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.92	19.16	18.85	20.1	0.0

Part27O n78 other PA Ant 6 ECI6

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.04		20.1	0.0
100	PI/2 BPSK	1	137		19.07			
100	PI/2 BPSK	1	271		19.15			
100	PI/2 BPSK	135	0		18.87		20.1	0.0
100	PI/2 BPSK	135	69		18.90		20.1	0.0
100	PI/2 BPSK	135	138		18.91		20.1	0.0
100	PI/2 BPSK	270	0		18.87			
100	QPSK	1	1		19.18		20.1	0.0
100	QPSK	1	137		19.15			
100	QPSK	1	271		19.12			
100	QPSK	135	0		18.98		20.1	0.0
100	QPSK	135	69		19.03		20.1	0.0
100	QPSK	135	138		18.98		20.1	0.0
100	QPSK	270	0		19.03			
100	16QAM	1	1		18.67		20.1	0.0
100	64QAM	1	1		18.58		20.1	0.0
100	256QAM	1	1		19.02		20.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.96	19.06	18.77	20.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.97	19.08	18.76	20.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.92	19.13	18.80	20.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.01	19.05	18.78	20.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.92	19.04	18.77	20.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.91	19.10	18.81	20.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.94	19.12	18.75	20.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.00	19.08	18.77	20.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.92	19.08	18.77	20.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.00	19.12	18.75	20.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.96	19.05	18.74	20.1	0.0

Reduced Power Mode for Other PA ECI9

n66 other PA Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.50	16.53	16.52	17.8	0.0
40	QPSK	108	54	16.20	16.28	16.23	17.8	0.0
40	QPSK	216	0	16.31	16.34	16.33	17.8	1.0

n41 other PA Ant 3 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	14.65	14.73	14.67	16.1	0.0
100	QPSK	135	69	14.57	14.59	14.55	16.1	0.0
100	QPSK	270	0	14.55	14.57	14.52	16.1	0.0

Part27O n77 other PA Ant 6 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.87	14.01	13.62	15.2	0.0
100	PI/2 BPSK	1	137	13.78	13.98	13.55		
100	PI/2 BPSK	1	271	13.80	13.96	13.70		
100	PI/2 BPSK	135	0	13.66	13.79	13.49	15.2	0.0
100	PI/2 BPSK	135	69	13.76	13.83	13.63	15.2	0.0
100	PI/2 BPSK	135	138	13.65	13.74	13.58	15.2	0.0
100	PI/2 BPSK	270	0	13.74	13.80	13.65		
100	QPSK	1	1	13.91	14.02	13.76	15.2	0.0
100	QPSK	1	137	13.93	14.04	13.73		
100	QPSK	1	271	13.91	14.01	13.66		
100	QPSK	135	0	13.74	13.87	13.59	15.2	0.0
100	QPSK	135	69	13.83	13.92	13.73	15.2	0.0
100	QPSK	135	138	13.75	13.90	13.65	15.2	0.0
100	QPSK	270	0	13.72	13.84	13.69		
100	16QAM	1	1	13.56	13.60	13.58	15.2	0.0
100	64QAM	1	1	13.54	13.65	13.55	15.2	0.0
100	256QAM	1	1	13.99	14.00	14.02	15.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.71	13.86	13.61	15.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.73	13.88	13.60	15.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.79	13.85	13.64	15.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.79	13.91	13.63	15.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.79	13.85	13.56	15.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.75	13.88	13.57	15.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.74	13.82	13.64	15.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.74	13.87	13.61	15.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.68	13.91	13.56	15.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.71	13.88	13.61	15.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.77	13.90	13.63	15.2	0.0

Part27O n78 other PA Ant 6 ECI9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.84		15.2	0.0
100	PI/2 BPSK	1	137		13.92			
100	PI/2 BPSK	1	271		13.93			
100	PI/2 BPSK	135	0		13.74		15.2	0.0
100	PI/2 BPSK	135	69		13.69		15.2	0.0
100	PI/2 BPSK	135	138		13.66		15.2	0.0
100	PI/2 BPSK	270	0		13.68			
100	QPSK	1	1		13.96		15.2	0.0
100	QPSK	1	137		13.95			
100	QPSK	1	271		13.88			
100	QPSK	135	0		13.74		15.2	0.0
100	QPSK	135	69		13.88		15.2	0.0
100	QPSK	135	138		13.78		15.2	0.0
100	QPSK	270	0		13.78			
100	16QAM	1	1		13.61		15.2	0.0
100	64QAM	1	1		13.41		15.2	0.0
100	256QAM	1	1		13.92		15.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.68	13.84	13.41	15.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.65	13.78	13.48	15.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.68	13.82	13.43	15.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.64	13.84	13.45	15.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.60	13.80	13.43	15.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.67	13.84	13.48	15.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.70	13.82	13.41	15.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.67	13.84	13.46	15.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.61	13.81	13.50	15.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.71	13.82	13.50	15.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.61	13.75	13.52	15.2	0.0

Reduced Power Mode for Other PA ECI10

n66 other PA Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.49	19.56	19.50	20.9	0.0
40	QPSK	108	54	19.31	19.40	19.37	20.9	0.0
40	QPSK	216	0	19.31	19.43	19.34	20.9	1.0

n41 other PA Ant 3 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	15.19	15.29	15.23	16.4	0.0
100	QPSK	135	69	15.10	15.20	15.14	16.4	0.0
100	QPSK	270	0	15.04	15.18	15.11	16.4	0.0

Part27O n77 other PA Ant 6 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.15	14.15	14.13	15.6	0.0
100	PI/2 BPSK	1	137	14.18	14.18	14.17		
100	PI/2 BPSK	1	271	14.17	14.21	14.17		
100	PI/2 BPSK	135	0	14.06	14.22	14.11	15.6	0.0
100	PI/2 BPSK	135	69	14.14	14.25	14.15	15.6	0.0
100	PI/2 BPSK	135	138	14.09	14.16	14.09	15.6	0.0
100	PI/2 BPSK	270	0	14.11	14.25	14.15		
100	QPSK	1	1	14.28	14.35	14.32	15.6	0.0
100	QPSK	1	137	14.18	14.24	14.20		
100	QPSK	1	271	14.17	14.17	14.18		
100	QPSK	135	0	14.13	14.17	14.14	15.6	0.0
100	QPSK	135	69	14.15	14.31	14.30	15.6	0.0
100	QPSK	135	138	14.17	14.21	14.10	15.6	0.0
100	QPSK	270	0	14.20	14.28	14.23		
100	16QAM	1	1	14.14	14.23	14.14	15.6	0.0
100	64QAM	1	1	14.13	14.23	14.21	15.6	0.0
100	256QAM	1	1	14.14	14.20	14.11	15.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.18	14.17	14.18	15.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.16	14.22	14.09	15.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.14	14.20	14.11	15.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.13	14.25	14.11	15.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.16	14.17	14.10	15.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.08	14.24	14.15	15.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.16	14.18	14.14	15.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.06	14.24	14.20	15.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.08	14.22	14.16	15.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.07	14.20	14.17	15.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.13	14.22	14.11	15.6	0.0

Part27O n78 other PA Ant 6 ECI10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.03		15.6	0.0
100	PI/2 BPSK	1	137		14.06			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		14.10		15.6	0.0
100	PI/2 BPSK	135	69		14.14		15.6	0.0
100	PI/2 BPSK	135	138		14.04		15.6	0.0
100	PI/2 BPSK	270	0		14.20			
100	QPSK	1	1		14.29		15.6	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.14			
100	QPSK	135	0		14.09		15.6	0.0
100	QPSK	135	69		14.22		15.6	0.0
100	QPSK	135	138		14.19		15.6	0.0
100	QPSK	270	0		14.21			
100	16QAM	1	1		14.19		15.6	0.0
100	64QAM	1	1		14.09		15.6	0.0
100	256QAM	1	1		14.13		15.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.17	14.25	14.19	15.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.16	14.20	14.19	15.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.13	14.18	14.19	15.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.07	14.20	14.20	15.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.12	14.23	14.20	15.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.11	14.15	14.15	15.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.07	14.25	14.16	15.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.17	14.22	14.16	15.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.16	14.20	14.14	15.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.11	14.24	14.14	15.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.14	14.23	14.12	15.6	0.0

2.4GHz WLAN				Ant 7 Head Standalone		Ant 7 open Hotspot		Ant 7 Extremity Standalone		Ant 5 close Body-worn Standalone		Ant 5 close Hotspot		Ant 5 open Body-worn Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412		16.00		12.50		19.50		18.50		12.50		18.00	100
		6	2437	14.28	16.00	10.72	12.50	18.32	19.50		18.50	10.75	12.50	16.31	18.00	
		11	2462	14.02	16.00		12.50		19.50	17.18	18.50		12.50		18.00	

5.2GHz WLAN				Ant 7 close Hotspot		Ant 5 Head Standalone		Ant 5 open Hotspot		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	17.00	Not Required	18.00	Not Required	19.50	96.97
		40	5200		17.00		18.00		19.50	
		44	5220		17.00		18.00		19.50	
		48	5240		17.00		18.00		19.50	
	802.11n-HT20 MCS0	36	5180		17.00		18.00		19.00	96.77
		40	5200		17.00		18.00		19.50	
		44	5220		17.00		18.00		19.50	
		48	5240		17.00		18.00		19.50	
	802.11n-HT40 MCS0	38	5190		17.00		18.00		19.50	93.70
		46	5230	15.29	17.00	16.42	18.00	17.75	19.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	17.00	Not Required	18.00	Not Required	19.00	96.79
		40	5200		17.00		18.00		19.50	
		44	5220		17.00		18.00		19.50	
		48	5240		17.00		18.00		19.50	
	802.11ac-VHT40 MCS0	38	5190		17.00		18.00		19.50	93.78
		46	5230		17.00		18.00		19.50	
	802.11ac-VHT80 MCS0	42	5210		12.00		13.50		13.50	88.19
	802.11ax-HE20 MCS0	36	5180		17.00		18.00		19.50	95.89
		40	5200		17.00		18.00		19.50	
		44	5220		17.00		18.00		19.50	
		48	5240		17.00		18.00		19.50	
	802.11ax-HE40 MCS0	38	5190		17.00		18.00		19.50	92.46
		46	5230		17.00		18.00		19.50	
	802.11ax-HE80 MCS0	42	5210		12.50		13.50		13.50	86.84

5.3GHz WLAN				Ant 5 Full power Extremity Standalone open Body-worn Standalone close Body-worn Standalone		Ant 5 Head Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	20.50	Not Required	18.00	96.97
		56	5280		20.00		18.00	
		60	5300		20.00		18.00	
		64	5320		20.00		18.00	
	802.11n-HT20 MCS0	52	5260		20.00		18.00	96.77
		56	5280		20.00		18.00	
		60	5300		20.50		18.00	
		64	5320		20.50		18.00	
	802.11n-HT40 MCS0	54	5270	19.24	21.00	16.28	18.00	93.70
		62	5310	Not Required	19.50	Not Required	18.00	
	802.11ac-VHT20 MCS0	52	5260		20.00		18.00	96.79
		56	5280		20.00		18.00	
		60	5300		20.50		18.00	
		64	5320		20.50		18.00	
	802.11ac-VHT40 MCS0	54	5270		21.00		18.00	93.78
		62	5310		19.50		18.00	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50	88.19
	802.11ax-HE20 MCS0	52	5260		20.50		18.00	95.89
		56	5280		20.50		18.00	
		60	5300		21.00		18.00	
		64	5320		21.00		18.00	
	802.11ax-HE40 MCS0	54	5270		21.00		18.00	92.46
		62	5310		19.50		18.00	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50	86.84

5.5GHz WLAN				Ant 5 Full power Extremity Standalone close Body-worn Standalone		Ant 5 Head Standalone		Ant 7 open Body-worn Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	19.50	Not Required	17.00	Not Required	19.50	96.97
		116	5580		19.50		17.00		19.50	
		124	5620		19.50		17.00		19.50	
		132	5660		19.50		17.00		19.50	
		140	5700		19.50		17.00		19.50	
		144	5720		20.00		17.00		19.50	
	802.11n-HT20 MCS0	100	5500		20.00		17.00		19.50	96.77
		116	5580		20.00		17.00		19.50	
		124	5620		20.00		17.00		19.50	
		132	5660		20.00		17.00		19.50	
		140	5700		19.50		17.00		19.50	
		144	5720		20.00		17.00		19.50	
	802.11n-HT40 MCS0	102	5510		19.50		17.00		18.50	93.70
		110	5550		20.50		17.00		19.50	
		126	5630		20.50		17.00		19.50	
		134	5670		21.00		17.00		19.50	
		142	5710		20.50		17.00		19.50	
	802.11ac-VHT20 MCS0	100	5500		20.00		17.00		19.50	96.79
		116	5580		20.50		17.00		19.50	
		124	5620		20.00		17.00		19.50	
		132	5660		20.00		17.00		19.50	
		140	5700		19.50		17.00		19.50	
		144	5720		20.00		17.00		19.50	
	802.11ac-VHT40 MCS0	102	5510		19.00		17.00		18.50	93.78
		110	5550		20.50		17.00		19.50	
		126	5630		20.50		17.00		19.50	
		134	5670		21.00		17.00		19.50	
		142	5710		21.00		17.00		19.50	
	802.11ac-VHT80 MCS0	106	5530		16.50		16.50		16.00	88.19
		122	5610		21.00		17.00		19.50	
		138	5690	19.19	21.00	15.17	17.00	17.75	19.50	
	802.11ax-HE20 MCS0	100	5500	Not Required	20.00	Not Required	17.00	Not Required	19.50	95.89
		116	5580		20.50		17.00		19.50	
		124	5620		20.50		17.00		19.50	
		132	5660		20.50		17.00		19.50	
		140	5700		20.00		17.00		19.50	
		144	5720		20.00		17.00		19.50	
	802.11ax-HE40 MCS0	102	5510		19.50		17.00		18.50	92.46
		110	5550		21.00		17.00		19.50	
		126	5630		21.00		17.00		19.50	
		134	5670		21.00		17.00		19.50	
		142	5710		21.00		17.00		19.50	
	802.11ax-HE80 MCS0	106	5530		16.50		16.50		16.50	86.84
		122	5610		21.00		17.00		19.50	
		138	5690		21.00		17.00		19.50	

5.8GHz WLAN				Ant 5 Head Standalone		Ant 5 open Hotspot		Ant 5 Extremity Standalone		Ant 5 close Hotspot		Ant 5 open Body-worn Standalone		Ant 7 close Body-worn Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	16.00	Not Required	13.50	Not Required	20.00	Not Required	14.00	Not Required	19.50	Not Required	21.00	96.97
		157	5785		16.00		13.50		20.00		14.00		19.50		21.00	
		165	5825		16.00		13.50		20.00		14.00		19.50		21.00	
	802.11n-HT20 MCS0	149	5745		16.00		13.50		20.00		14.00		19.50		21.00	96.77
		157	5785		16.00		13.50		20.00		14.00		19.50		21.00	
		165	5825		16.00		13.50		20.00		14.00		19.50		21.00	
	802.11n-HT40 MCS0	151	5755		16.00		13.50		20.00		14.00		19.50		20.50	93.70
		159	5795		16.00		13.50		20.00		14.00		19.50		20.50	
	802.11ac-VHT20 MCS0	149	5745		16.00		13.50		20.00		14.00		19.50		21.00	96.79
		157	5785		16.00		13.50		20.00		14.00		19.50		21.00	
		165	5825		16.00		13.50		20.00		14.00		19.50		21.00	
	802.11ac-VHT40 MCS0	151	5755		16.00		13.50		20.00		14.00		19.50		20.50	93.78
		159	5795		16.00		13.50		20.00		14.00		19.50		20.50	
	802.11ac-VHT80 MCS0	155	5775	14.18	16.00	11.72	13.50	18.12	20.00	12.28	14.00	17.77	19.50	19.25	21.00	88.19
	802.11ax-HE20 MCS0	149	5745	Not Required	16.00	Not Required	13.50	Not Required	20.00	Not Required	14.00	Not Required	19.50	Not Required	21.00	95.89
		157	5785		16.00		13.50		20.00		14.00		19.50		21.00	
		165	5825		16.00		13.50		20.00		14.00		19.50		21.00	
	802.11ax-HE40 MCS0	151	5755		16.00		13.50		20.00		14.00		19.50		20.50	92.46
		159	5795		16.00		13.50		20.00		14.00		19.50		20.50	
	802.11ax-HE80 MCS0	155	5775		16.00		13.50		20.00		14.00		19.50		21.00	86.84

BT 2.0

Ant 7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	18.74
Tune-up Limit			19.5

BT 2.0

Ant 7 For open Body-worn Standalone
close Body-worn
Extremity Standalone

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	12.25
Tune-up Limit			13.5

BT 2.0

Ant 7 Head standalone

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	8.46
Tune-up Limit			9.5

BT 2.0

For Ant 7 Head Simultaneous
open Body-worn Simultaneous
open&close Hotspot
Extremity Simultaneous

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
BR / EDR	CH 39	2441	7.44
Tune-up Limit			8.5

WiFi 6E				Ant 7		Ant 5		Ant 5+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11ax-HE80 MCS0	7	5985			8.82	10.50		13.50	86.93
		71	6305	10.72	12.50				15.00	
		119	6545			10.70	12.50		15.00	
		167	6785			10.66	12.50		15.00	
		215	7025	10.59	12.00				14.50	