

Full Power Mode

		WCDMA V Ant1 Default			
Band		WCDMA V			Tune-Up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 6	RMC 12.2Kbps	24.26	24.32	24.21	25.00
3GPP Rel 6	HSDPA Subtest-1	23.33	23.30	23.16	24.00
3GPP Rel 6	HSDPA Subtest-2	23.32	23.28	23.14	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.86	22.62	23.50
3GPP Rel 6	HSDPA Subtest-4	22.86	22.86	22.77	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	23.35	23.34	23.24	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.27	23.34	23.31	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.73	22.73	22.78	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.80	22.75	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1	23.23	23.28	23.31	24.00
3GPP Rel 6	HSUPA Subtest-2	21.30	21.30	21.22	22.00
3GPP Rel 6	HSUPA Subtest-3	22.29	22.34	22.16	23.00
3GPP Rel 6	HSUPA Subtest-4	21.26	21.42	21.22	22.00
3GPP Rel 6	HSUPA Subtest-5	23.31	23.30	23.22	24.00



Band 5 Ant1 Default									
BW [MHz]	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	23.82	23.94	23.88			
10	QPSK	1	25	23.78	23.81	23.69	25	0	
10	QPSK	1	49	23.76	23.85	23.74			
10	QPSK	25	0	22.85	23.01	22.84			
10	QPSK	25	12	22.74	22.89	22.81	24	1	
10	QPSK	25	25	22.87	22.92	22.86			
10	QPSK	50	0	22.79	22.94	22.91			
10	16QAM	1	0	23.05	23.12	22.96			
10	16QAM	1	25	23.00	23.03	22.98	24	1	
10	16QAM	1	49	22.96	23.01	22.96			
10	16QAM	25	0	21.91	21.94	21.78			
10	16QAM	25	12	21.69	21.84	21.73	23	2	
10	16QAM	25	25	21.79	21.83	21.66			
10	16QAM	50	0	21.81	21.89	21.75			
10	64QAM	1	0	21.96	22.02	21.99			
10	64QAM	1	25	21.79	21.92	21.85	23	2	
10	64QAM	1	49	21.89	21.98	21.86			
10	64QAM	25	0	20.97	21.02	20.96			
10	64QAM	25	12	20.96	21.00	20.87	22	3	
10	64QAM	25	25	20.77	20.90	20.76			
10	64QAM	50	0	20.94	20.96	20.87			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	23.71	23.89	23.72			
5	QPSK	1	12	23.63	23.70	23.59	25	0	
5	QPSK	1	24	23.69	23.71	23.65			
5	QPSK	12	0	22.77	22.92	22.68			
5	QPSK	12	7	22.64	22.76	22.68	24	1	
5	QPSK	12	13	22.81	22.75	22.76			
5	QPSK	25	0	22.65	22.84	22.88			
5	16QAM	1	0	22.98	22.99	22.86			
5	16QAM	1	12	22.95	22.91	22.90	24	1	
5	16QAM	1	24	22.90	22.90	22.85			
5	16QAM	12	0	21.80	21.90	21.72			
5	16QAM	12	7	21.66	21.77	21.67	23	2	
5	16QAM	12	13	21.66	21.70	21.51			
5	16QAM	25	0	21.72	21.83	21.63			
5	64QAM	1	0	21.85	21.92	21.97			
5	64QAM	1	12	21.71	21.79	21.81	23	2	
5	64QAM	1	24	21.76	21.87	21.73			
5	64QAM	12	0	20.94	20.88	20.85			
5	64QAM	12	7	20.86	20.92	20.81	22	3	
5	64QAM	12	13	20.74	20.79	20.68			
5	64QAM	25	0	20.79	20.93	20.84			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	23.74	23.85	23.74			
3	QPSK	1	8	23.68	23.71	23.55	25	0	
3	QPSK	1	14	23.65	23.77	23.68			
3	QPSK	8	0	22.79	22.90	22.74			
3	QPSK	8	4	22.70	22.75	22.76	24	1	
3	QPSK	8	7	22.81	22.88	22.76			
3	QPSK	15	0	22.69	22.83	22.86			
3	16QAM	1	0	22.96	23.01	22.85			
3	16QAM	1	8	22.91	22.87	22.84	24	1	
3	16QAM	1	14	22.82	22.92	22.87			
3	16QAM	8	0	21.78	21.80	21.66			
3	16QAM	8	4	21.56	21.75	21.64	23	2	
3	16QAM	8	7	21.73	21.72	21.51			
3	16QAM	15	0	21.75	21.79	21.63			
3	64QAM	1	0	21.80	21.88	21.89			
3	64QAM	1	8	21.68	21.86	21.72	23	2	
3	64QAM	1	14	21.85	21.86	21.71			
3	64QAM	8	0	20.95	20.91	20.87			
3	64QAM	8	4	20.86	20.90	20.81	22	3	
3	64QAM	8	7	20.70	20.84	20.70			
3	64QAM	15	0	20.78	20.85	20.79			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	23.67	23.89	23.85			
1.4	QPSK	1	3	23.75	23.77	23.58	25	0	
1.4	QPSK	1	5	23.72	23.77	23.63			
1.4	QPSK	3	0	23.81	23.86	23.82			
1.4	QPSK	3	1	23.67	23.78	23.74			
1.4	QPSK	3	3	23.73	23.77	23.76	24	1	
1.4	QPSK	6	0	22.69	22.83	22.80			
1.4	16QAM	1	0	23.00	23.02	22.87			
1.4	16QAM	1	3	22.85	22.90	22.93	24	1	
1.4	16QAM	1	5	22.83	22.89	22.94			
1.4	16QAM	3	0	22.77	22.90	22.74			
1.4	16QAM	3	1	22.63	22.76	22.58	23	2	
1.4	16QAM	3	3	22.67	22.80	22.49			
1.4	16QAM	6	0	21.75	21.78	21.67			
1.4	64QAM	1	0	21.93	21.97	21.92			
1.4	64QAM	1	3	21.69	21.83	21.78	23	2	
1.4	64QAM	1	5	21.84	21.85	21.72			
1.4	64QAM	3	0	21.90	21.86	21.86			
1.4	64QAM	3	1	21.81	21.88	21.72			
1.4	64QAM	3	3	21.66	21.81	21.61	22	3	
1.4	64QAM	6	0	20.80	20.88	20.73			

Band 26 for FCC Ant1 Default									
BW [MHz]	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	24.02	24.10	23.97			
15	QPSK	1	37	23.94	23.97	23.82	25	0	
15	QPSK	1	74	23.81	23.93	23.84			
15	QPSK	36	0	23.03	23.12	22.98			
15	QPSK	36	20	22.90	23.05	22.88	24	1	
15	QPSK	36	39	22.95	23.09	22.94			
15	QPSK	75	0	22.92	23.06	22.92			
15	16QAM	1	0	23.10	23.20	23.15			
15	16QAM	1	37	22.93	23.05	22.92	24	1	
15	16QAM	1	74	23.02	23.13	23.08			
15	16QAM	36	0	21.89	22.04	21.93			
15	16QAM	36	20	21.85	21.93	21.80	23	2	
15	16QAM	36	39	21.89	21.96	21.79			
15	16QAM	75	0	21.97	22.10	21.96			
15	64QAM	1	0	22.05	22.18	22.16			
15	64QAM	1	37	22.09	22.16	22.01	23	2	
15	64QAM	1	74	22.06	22.15	22.10			
15	64QAM	36	0	21.11	21.15	21.05			
15	64QAM	36	20	21.01	21.13	21.09	22	3	
15	64QAM	36	39	21.04	21.13	21.02			
15	64QAM	75	0	21.09	21.12	21.06			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	23.94	23.97	23.85			
10	QPSK	1	25	23.83	23.80	23.66	25	0	
10	QPSK	1	49	23.72	23.90	23.80			
10	QPSK	25	0	23.01	23.00	22.85			
10	QPSK	25	12	22.79	22.94	22.79	24	1	
10	QPSK	25	25	22.87	23.01	22.88			
10	QPSK	50	0	22.77	22.90	22.82			
10	16QAM	1	0	23.07	23.14	23.03			
10	16QAM	1	25	22.78	22.94	22.89	24	1	
10	16QAM	1	49	22.88	22.98	22.92			
10	16QAM	25	0	21.82	21.89	21.79			
10	16QAM	25	12	21.70	21.84	21.75	23	2	
10	16QAM	25	25	21.74	21.86	21.64			
10	16QAM	50	0	21.94	21.97	21.92			
10	64QAM	1	0	21.98	22.15	22.02			
10	64QAM	1	25	21.97	22.12	21.93	23	2	
10	64QAM	1	49	21.95	21.99	21.99			
10	64QAM	25	0	21.06	21.13	20.90			
10	64QAM	25	12	20.88	21.05	21.00	22	3	
10	64QAM	25	25	20.94	21.04	20.92			
10	64QAM	50	0	20.97	21.08	20.99			



Band 41 Ant2 Default

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										
Frequency (MHz)				39750	40185	40620	41055	41490		
20	QPSK	1	0	24.07	24.14	24.20	24.17	24.05		
20	QPSK	1	49	24.00	24.01	24.06	23.96	23.92	25	0
20	QPSK	1	99	24.05	23.96	24.12	23.95	23.96		
20	QPSK	50	0	23.05	23.07	23.13	23.04	23.01		
20	QPSK	50	24	22.99	22.92	23.02	22.91	22.98	24	1
20	QPSK	50	50	23.08	22.96	23.10	22.99	23.02		
20	QPSK	100	0	22.86	22.99	23.03	22.92	22.99		
20	16QAM	1	0	23.17	23.07	23.21	23.09	23.06		
20	16QAM	1	49	23.03	23.06	23.11	23.03	23.01	24	1
20	16QAM	1	99	22.93	23.05	23.14	23.09	23.01		
20	16QAM	50	0	22.08	22.10	22.15	22.05	22.08		
20	16QAM	50	24	22.00	21.95	22.03	21.95	21.88	23	2
20	16QAM	50	50	21.90	22.04	22.06	21.93	21.96		
20	16QAM	100	0	22.02	22.02	22.06	22.02	22.04		
20	64QAM	1	0	21.79	21.77	21.89	21.83	21.80		
20	64QAM	1	49	21.65	21.78	21.83	21.74	21.65	23	2
20	64QAM	1	99	21.63	21.80	21.87	21.83	21.70		
20	64QAM	50	0	21.05	21.07	21.18	21.05	21.05		
20	64QAM	50	24	21.00	20.90	21.02	20.92	20.93	22	3
20	64QAM	50	50	21.11	21.00	21.07	20.95	20.90		
20	64QAM	100	0	21.04	20.99	21.07	20.97	20.91		
Channel										
Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	24.01	24.05	24.16	24.06	24.09	25	0
15	QPSK	1	37	23.85	23.89	23.95	23.94	23.83		
15	QPSK	1	74	23.78	23.86	23.98	23.91	23.80		
15	QPSK	36	0	23.01	22.92	23.07	22.92	23.01	24	1
15	QPSK	36	20	22.78	22.85	22.89	22.81	22.75		
15	QPSK	36	39	22.93	22.94	23.04	22.96	22.85		
15	QPSK	75	0	22.82	22.89	22.97	22.75	22.83		
15	16QAM	1	0	23.03	22.91	23.06	23.02	23.04	24	1
15	16QAM	1	37	22.96	22.97	23.00	23.00	22.90		
15	16QAM	1	74	22.99	23.00	23.12	22.97	22.96		
15	16QAM	36	0	22.01	22.06	22.12	21.97	21.93	23	2
15	16QAM	36	20	21.83	21.84	22.01	21.79	21.85		
15	16QAM	36	39	21.87	21.90	22.00	21.76	21.79		
15	16QAM	75	0	21.99	21.97	21.91	21.92	21.93		
15	64QAM	1	0	21.68	21.61	21.74	21.78	21.75	23	2
15	64QAM	1	37	21.63	21.72	21.69	21.62	21.68		
15	64QAM	1	74	21.71	21.69	21.83	21.68	21.68		
15	64QAM	36	0	20.97	20.98	21.12	20.88	21.01	22	3
15	64QAM	36	20	20.87	20.83	20.98	20.88	20.89		
15	64QAM	36	39	20.84	20.89	21.03	20.80	20.89		
15	64QAM	75	0	20.83	20.96	21.00	20.85	20.82		
Channel										
Frequency (MHz)				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	24.05	24.11	24.14	24.14	24.02	25.00	0
10	QPSK	1	25	23.90	23.87	24.03	23.85	23.79		
10	QPSK	1	49	23.87	23.88	23.97	23.84	23.84		
10	QPSK	25	0	22.88	23.03	23.08	22.97	22.94	24	1
10	QPSK	25	12	22.83	22.79	22.85	22.76	22.87		
10	QPSK	25	25	22.84	22.79	22.97	22.89	22.85		
10	QPSK	50	0	22.80	22.96	22.89	22.81	22.88	24	1
10	16QAM	1	0	23.05	23.03	23.12	22.97	22.94		
10	16QAM	1	25	22.98	22.95	23.02	22.96	22.93		
10	16QAM	1	49	22.94	23.01	22.98	23.01	22.96		
10	16QAM	25	0	21.91	22.03	22.03	21.94	21.96	23	2
10	16QAM	25	12	21.88	21.79	21.98	21.91	21.87		
10	16QAM	25	25	21.89	21.93	21.94	21.87	21.82		
10	16QAM	50	0	21.88	21.89	22.04	21.91	21.98		
10	64QAM	1	0	21.73	21.66	21.73	21.71	21.69	23	2
10	64QAM	1	25	21.72	21.70	21.78	21.57	21.57		
10	64QAM	1	49	21.80	21.65	21.83	21.78	21.80		
10	64QAM	25	0	21.00	20.93	21.10	20.93	20.92	22	3
10	64QAM	25	12	20.75	20.88	20.90	20.86	20.76		
10	64QAM	25	25	20.90	20.88	20.95	20.92	20.84		
10	64QAM	50	0	20.82	20.83	21.04	20.81	20.90		
Channel										
Frequency (MHz)				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	24.07	24.05	24.15	24.03	24.11	25.00	0
5	QPSK	1	12	23.85	23.97	24.02	23.81	23.91		
5	QPSK	1	24	23.82	23.84	24.07	23.86	23.83		
5	QPSK	12	0	22.94	22.94	23.06	22.89	22.88	24	1
5	QPSK	12	7	22.83	22.85	22.92	22.89	22.79		
5	QPSK	12	13	22.93	22.91	22.94	22.83	22.85		
5	QPSK	25	0	22.77	22.83	22.93	22.79	22.79		
5	16QAM	1	0	23.04	23.01	23.15	23.06	22.97	24	1
5	16QAM	1	12	22.94	23.03	22.95	22.93	22.95		
5	16QAM	1	24	22.97	22.93	23.01	23.04	23.07		
5	16QAM	12	0	21.92	22.02	22.05	22.01	21.96	23	2
5	16QAM	12	7	21.79	21.85	22.00	21.89	21.79		
5	16QAM	12	13	21.85	22.01	21.92	21.86	21.81		
5	16QAM	25	0	21.98	22.00	22.01	21.96	21.95		
5	64QAM	1	0	21.76	21.65	21.80	21.71	21.80	23	2
5	64QAM	1	12	21.57	21.65	21.66	21.59	21.69		
5	64QAM	1	24	21.73	21.76	21.77	21.68	21.70		
5	64QAM	12	0	21.03	20.90	21.10	20.88	20.97	22	3
5	64QAM	12	7	20.84	20.81	20.95	20.80	20.83		
5	64QAM	12	13	20.81	20.92	21.01	20.90	20.82		
5	64QAM	25	0	20.91	20.86	21.04	20.83	20.85		

Band 41 HPUE Ant2 Default

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										
Frequency (MHz)				39750	40185	40620	41055	41490		
20	QPSK	1	0	25.76	25.74	25.88	25.84	25.73	27	0
20	QPSK	1	49	25.62	25.74	25.72	25.71	25.58		
20	QPSK	1	99	25.78	25.65	25.73	25.62	25.56		
20	QPSK	50	0	24.69	24.72	24.83	24.72	24.63	26	1
20	QPSK	50	24	24.64	24.53	24.62	24.50	24.71		
20	QPSK	50	50	24.69	24.63	24.80	24.59	24.69		
20	QPSK	100	0	24.55	24.66	24.71	24.55	24.59		
20	16QAM	1	0	24.77	24.76	24.94	24.81	24.77	26	1
20	16QAM	1	49	24.64	24.71	24.70	24.76	24.61		
20	16QAM	1	99	24.55	24.77	24.84	24.77	24.69		
20	16QAM	50	0	23.69	23.74	23.87	23.72	23.73	25	2
20	16QAM	50	24	23.71	23.65	23.73	23.57	23.52		
20	16QAM	50	50	23.65	23.64	23.69	23.67	23.63		
20	16QAM	100	0	23.77	23.66	23.77	23.62	23.74		
20	64QAM	1	0	23.41	23.48	23.49	23.55	23.40	25	2
20	64QAM	1	49	23.26	23.38	23.46	23.41	23.24		
20	64QAM	1	99	23.32	23.51	23.49	23.51	23.32		
20	64QAM	50	0	22.70	22.69	22.85	22.78	22.79	24	3
20	64QAM	50	24	22.74	22.57	22.69	22.60	22.56		
20	64QAM	50	50	22.83	22.69	22.75	22.68	22.55		
20	64QAM	100	0	22.68	22.64	22.80	22.70	22.59		
Channel										
Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	25.67	25.70	25.78	25.75	25.65	27</	



Band 42 Ant3 Default									
BW [MHz]	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	23.24	23.44	23.23	25	0	
20	QPSK	1	49	23.23	23.37	23.26			
20	QPSK	1	99	23.16	23.23	23.19			
20	QPSK	50	0	22.43	22.51	22.32	24	1	
20	QPSK	50	24	22.39	22.44	22.26			
20	QPSK	50	50	22.31	22.35	22.09			
20	QPSK	100	0	22.30	22.45	22.27	24	1	
20	16QAM	1	0	22.23	22.40	22.14			
20	16QAM	1	49	22.28	22.36	22.15			
20	16QAM	1	99	22.21	22.30	22.11	23	2	
20	16QAM	50	0	21.32	21.48	21.23			
20	16QAM	50	24	21.20	21.36	21.09			
20	16QAM	50	50	21.26	21.41	21.20	23	2	
20	16QAM	100	0	21.27	21.44	21.14			
20	64QAM	1	0	21.21	21.26	21.03			
20	64QAM	1	49	21.06	21.13	21.22	23	2	
20	64QAM	1	99	21.10	21.15	21.16			
20	64QAM	50	0	20.40	20.56	20.29			
20	64QAM	50	24	20.46	20.51	20.26	22	3	
20	64QAM	50	50	20.38	20.46	20.21			
20	64QAM	100	0	20.31	20.43	20.26			
Channel				42165	42590	43015			
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	23.08	23.29	23.09	25	0	
15	QPSK	1	37	23.10	23.23	23.22			
15	QPSK	1	74	23.11	23.14	23.10			
15	QPSK	36	0	22.28	22.39	22.16	24	1	
15	QPSK	36	20	22.34	22.41	22.23			
15	QPSK	36	39	22.28	22.27	22.02			
15	QPSK	75	0	22.23	22.42	22.24	24	1	
15	16QAM	1	0	22.20	22.25	22.11			
15	16QAM	1	37	22.23	22.29	22.09			
15	16QAM	1	74	22.10	22.24	22.21	23	2	
15	16QAM	36	0	21.25	21.35	21.10			
15	16QAM	36	20	21.18	21.26	21.20			
15	16QAM	36	39	21.13	21.24	21.09	23	2	
15	16QAM	75	0	21.13	21.32	21.01			
15	64QAM	1	0	21.09	21.20	21.16			
15	64QAM	1	37	21.21	21.07	21.19	23	2	
15	64QAM	1	74	21.11	21.06	21.11			
15	64QAM	36	0	20.24	20.50	20.20			
15	64QAM	36	20	20.30	20.47	20.13	22	3	
15	64QAM	36	39	20.35	20.35	20.06			
15	64QAM	75	0	20.20	20.39	20.13			
Channel				42140	42590	43040			
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	23.15	23.41	23.06	25	0	
10	QPSK	1	25	23.14	23.22	23.21			
10	QPSK	1	49	23.11	23.20	23.05			
10	QPSK	25	0	22.36	22.43	22.16	24	1	
10	QPSK	25	12	22.36	22.31	22.23			
10	QPSK	25	25	22.20	22.33	22.11			
10	QPSK	50	0	22.16	22.41	22.14	24	1	
10	16QAM	1	0	22.18	22.30	22.06			
10	16QAM	1	25	22.16	22.29	22.09			
10	16QAM	1	49	22.07	22.22	22.06	23	2	
10	16QAM	25	0	21.28	21.37	21.16			
10	16QAM	25	12	21.03	21.21	21.19			
10	16QAM	25	25	21.17	21.34	21.11	23	2	
10	16QAM	50	0	21.12	21.42	21.11			
10	64QAM	1	0	21.16	21.18	21.00			
10	64QAM	1	25	21.04	21.07	21.22	23	2	
10	64QAM	1	49	21.29	21.06	21.22			
10	64QAM	25	0	20.37	20.49	20.17			
10	64QAM	25	12	20.34	20.45	20.16	22	3	
10	64QAM	25	25	20.26	20.40	20.19			
10	64QAM	50	0	20.28	20.39	20.17			
Channel				42115	42590	43065			
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	23.11	23.41	23.10	25	0	
5	QPSK	1	12	23.18	23.22	23.19			
5	QPSK	1	24	23.05	23.14	23.13			
5	QPSK	12	0	22.38	22.38	22.23	24	1	
5	QPSK	12	7	22.25	22.41	22.22			
5	QPSK	12	13	22.28	22.29	22.21			
5	QPSK	25	0	22.26	22.40	22.15	24	1	
5	16QAM	1	0	22.19	22.24	22.10			
5	16QAM	1	12	22.16	22.27	22.06			
5	16QAM	1	24	22.13	22.21	22.01	23	2	
5	16QAM	12	0	21.15	21.37	21.10			
5	16QAM	12	7	21.13	21.29	21.07			
5	16QAM	12	13	21.20	21.38	21.13	23	2	
5	16QAM	25	0	21.10	21.39	21.04			
5	64QAM	1	0	21.37	21.40	21.16			
5	64QAM	1	12	21.19	21.19	21.14	23	2	
5	64QAM	1	24	21.17	21.32	21.03			
5	64QAM	12	0	20.34	20.40	20.19			
5	64QAM	12	7	20.36	20.37	20.18	22	3	
5	64QAM	12	13	20.27	20.39	20.16			
5	64QAM	25	0	20.20	20.37	20.21			

Reduced Power for Sensor on

Band		WCDMA V Ant1			Tune-up Limit (dBm)
		4132	4182	4233	
TX Channel		4357	4407	4458	
Rx Channel		826.4	836.4	846.6	
Frequency (MHz)					
3GPP Rel 99	RMC 12.2Kbps	21.71	21.78	21.70	22.50
3GPP Rel 6	HSDPA Subtest-1	20.90	20.81	20.72	21.50
3GPP Rel 6	HSDPA Subtest-2	20.80	20.72	20.67	21.50
3GPP Rel 6	HSDPA Subtest-3	20.29	20.38	20.10	21.00
3GPP Rel 6	HSDPA Subtest-4	20.39	20.31	20.27	21.00
3GPP Rel 6	DC-HSDPA Subtest-1	20.90	20.80	20.73	21.50
3GPP Rel 6	DC-HSDPA Subtest-2	20.73	20.81	20.76	21.50
3GPP Rel 6	DC-HSDPA Subtest-3	20.29	20.31	20.21	21.00
3GPP Rel 6	DC-HSDPA Subtest-4	20.26	20.23	20.08	21.00
3GPP Rel 6	HSUPA Subtest-1	20.75	20.75	20.77	21.50
3GPP Rel 6	HSUPA Subtest-2	18.73	18.77	18.70	19.50
3GPP Rel 6	HSUPA Subtest-3	18.76	18.79	19.61	20.50
3GPP Rel 6	HSUPA Subtest-4	18.76	18.98	18.67	19.50
3GPP Rel 6	HSUPA Subtest-5	20.85	20.74	20.69	21.50



Band 5 Ant1									
BW [MHz]	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	20.44	20.51	20.37	21.5	0	
10	QPSK	1	25	20.39	20.33	20.40			
10	QPSK	1	49	20.38	20.35	20.36			
10	QPSK	25	0	20.30	20.32	20.19	21.5	0	
10	QPSK	25	12	20.30	20.23	20.16			
10	QPSK	25	25	20.27	20.27	20.25			
10	QPSK	50	0	20.21	20.29	20.19	21.5	0	
10	16QAM	1	0	20.37	20.49	20.15			
10	16QAM	1	25	20.41	20.33	20.40			
10	16QAM	1	49	20.26	20.32	20.22	21.5	0	
10	16QAM	25	0	20.13	20.30	20.22			
10	16QAM	25	12	20.29	20.08	20.24			
10	16QAM	25	25	20.33	20.10	20.09	21.5	0	
10	16QAM	50	0	20.17	20.25	20.05			
10	64QAM	1	0	20.28	20.42	20.24			
10	64QAM	1	25	20.24	20.33	20.32	21.5	0	
10	64QAM	1	49	20.19	20.27	20.18			
10	64QAM	25	0	20.17	20.23	20.23			
10	64QAM	25	12	20.09	20.19	20.16	21.5	0	
10	64QAM	25	25	20.33	20.29	20.20			
10	64QAM	50	0	20.19	20.30	20.19			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	20.29	20.45	20.33	21.5	0	
5	QPSK	1	12	20.28	20.26	20.28			
5	QPSK	1	24	20.38	20.32	20.27			
5	QPSK	12	0	20.21	20.17	20.08	21.5	0	
5	QPSK	12	7	20.15	20.18	20.15			
5	QPSK	12	13	20.16	20.16	20.14			
5	QPSK	25	0	20.15	20.24	20.14	21.5	0	
5	16QAM	1	0	20.30	20.35	20.10			
5	16QAM	1	12	20.30	20.29	20.37			
5	16QAM	1	24	20.11	20.17	20.22	21.5	0	
5	16QAM	12	0	19.97	20.18	20.11			
5	16QAM	12	7	20.27	19.94	20.19			
5	16QAM	12	13	20.21	20.03	19.88	21.5	0	
5	16QAM	25	0	20.05	20.14	19.89			
5	64QAM	1	0	20.12	20.38	20.21			
5	64QAM	1	12	20.09	20.31	20.25	21.5	0	
5	64QAM	1	24	20.05	20.26	20.15			
5	64QAM	12	0	20.11	20.21	20.16			
5	64QAM	12	7	19.97	20.04	20.09	21.5	0	
5	64QAM	12	13	20.31	20.21	20.06			
5	64QAM	25	0	20.08	20.15	20.09			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	20.37	20.47	20.32	21.5	0	
3	QPSK	1	8	20.37	20.28	20.35			
3	QPSK	1	14	20.26	20.29	20.31			
3	QPSK	8	0	20.20	20.19	20.04	21.5	0	
3	QPSK	8	4	20.26	20.17	20.10			
3	QPSK	8	7	20.18	20.15	20.16			
3	QPSK	15	0	20.15	20.27	20.05	21.5	0	
3	16QAM	1	0	20.36	20.37	20.08			
3	16QAM	1	8	20.32	20.28	20.34			
3	16QAM	1	14	20.24	20.18	20.18	21.5	0	
3	16QAM	8	0	20.12	20.17	20.08			
3	16QAM	8	4	20.13	20.08	20.08			
3	16QAM	8	7	20.22	19.97	19.94	21.5	0	
3	16QAM	15	0	20.05	20.14	20.00			
3	64QAM	1	0	20.21	20.32	20.10			
3	64QAM	1	8	20.23	20.20	20.22	21.5	0	
3	64QAM	1	14	20.14	20.21	20.05			
3	64QAM	8	0	20.05	20.14	20.08			
3	64QAM	8	4	19.94	20.11	20.12	21.5	0	
3	64QAM	8	7	20.27	20.17	20.16			
3	64QAM	15	0	20.07	20.29	20.18			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	20.30	20.48	20.36	21.5	0	
1.4	QPSK	1	3	20.33	20.28	20.39			
1.4	QPSK	1	5	20.36	20.30	20.29			
1.4	QPSK	3	0	20.17	20.26	20.03	21.5	0	
1.4	QPSK	3	1	20.29	20.08	20.06			
1.4	QPSK	3	3	20.14	20.23	20.10			
1.4	QPSK	6	0	20.15	20.23	20.13	21.5	0	
1.4	16QAM	1	0	20.26	20.49	20.03			
1.4	16QAM	1	3	20.36	20.26	20.34			
1.4	16QAM	1	5	20.24	20.21	20.09	21.5	0	
1.4	16QAM	3	0	20.12	20.28	20.15			
1.4	16QAM	3	1	20.27	20.03	20.14			
1.4	16QAM	3	3	20.18	20.00	20.03	21.5	0	
1.4	16QAM	6	0	20.02	20.14	19.90			
1.4	64QAM	1	0	20.13	20.29	20.18			
1.4	64QAM	1	3	20.15	20.20	20.21	21.5	0	
1.4	64QAM	1	5	20.04	20.13	20.06			
1.4	64QAM	3	0	20.17	20.19	20.21			
1.4	64QAM	3	1	19.96	20.04	20.05	21.5	0	
1.4	64QAM	3	3	20.32	20.27	20.17			
1.4	64QAM	6	0	20.09	20.28	20.06			

Band 26 Ant1									
BW [MHz]	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	20.45	20.57	20.43	21.5	0	
15	QPSK	1	37	20.43	20.42	20.43			
15	QPSK	1	74	20.44	20.45	20.38			
15	QPSK	36	0	20.34	20.43	20.30	21.5	0	
15	QPSK	36	20	20.35	20.34	20.32			
15	QPSK	36	39	20.42	20.39	20.29			
15	QPSK	75	0	20.33	20.38	20.27	21.5	0	
15	16QAM	1	0	20.43	20.49	20.29			
15	16QAM	1	37	20.42	20.35	20.42			
15	16QAM	1	74	20.39	20.39	20.34	21.5	0	
15	16QAM	36	0	20.27	20.40	20.27			
15	16QAM	36	20	20.34	20.21	20.27			
15	16QAM	36	39	20.36	20.23	20.23	21.5	0	
15	16QAM	75	0	20.32	20.27	20.14			
15	64QAM	1	0	20.40	20.53	20.27			
15	64QAM	1	37	20.28	20.40	20.34	21.5	0	
15	64QAM	1	74	20.34	20.37	20.29			
15	64QAM	36	0	20.23	20.28	20.25			
15	64QAM	36	20	20.20	20.29	20.21	21.5	0	
15	64QAM	36	39	20.40	20.29	20.23			
15	64QAM	75	0	20.21	20.34	20.19			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	20.37	20.51	20.39	21.5	0	
10	QPSK	1	25	20.41	20.42	20.39			
10	QPSK	1	49	20.37	20.31	20.33			
10	QPSK	25	0	20.19	20.29	20.27	21.5	0	
10	QPSK	25	12	20.29	20.30	20.31			
10	QPSK	25	25	20.31	20.36	20.16			
10	QPSK	50	0	20.19	20.34	20.11	21.5	0	
10	16QAM	1	0	20.36	20.46	20.19			
10	16QAM	1	25	20.35	20.25	20.38			
10	16QAM	1	49	20.39	20.35	20.23	21.5	0	
10	16QAM	25	0	20.12	20.28	20.26			
10	16QAM	25	12	20.19	20.15	20.19			
10	16QAM	25	25	20.32	20.08	20.17	21.5	0	
10	16QAM	50	0	20.26	20.21	20.00			
10	64QAM	1	0	20.28	20.53	20.26			
10	64QAM	1	25	20.14	20.28	20.19	21.5	0	
10	64QAM	1	49	20.23	20.36	20.24			
10	64QAM	25	0	20.14	20.16	20.17			
10	64QAM	25	12	20.06	20.28	20.21	21.5	0	
10	64QAM	25	25	20.32	20.23	20.20			
10	64QAM	50	0	20.18	20.30	20.12			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	20.44	20.50	20.42	21.5	0	
5	QPSK	1	12	20.43	20.40	20.34			
5	QPSK	1	24	20.35	20.30	20.25			
5	QPSK	12	0	20.31	20.27	20.17	21.5	0	
5	QPSK	12	7	20.31	20.26	20.29			
5	QPSK	12	13	20.34	20.32	20.24			
5	QPSK	25	0	20.20	20.30	20.25	21.5	0	
5	16QAM	1	0	20.42	20.34	20.15			
5	16QAM	1	12	20.28	20.19	20.30			
5</									



Band 41 Ant2

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	10.32	10.51	10.55	10.37	10.20	11	0
20	QPSK	1	49	10.27	10.13	10.40	10.15	10.04		
20	QPSK	1	99	10.47	10.40	10.38	10.35	10.31		
20	QPSK	50	0	10.42	10.20	10.43	10.11	10.18		
20	QPSK	50	24	10.33	10.24	10.22	10.19	10.22	11	0
20	QPSK	50	50	10.39	9.89	10.25	10.11	10.31		
20	QPSK	100	0	10.07	10.35	10.48	10.08	10.14		
20	16QAM	1	0	10.39	10.18	10.51	10.13	10.29		
20	16QAM	1	49	10.14	10.35	10.11	10.17	9.98	11	0
20	16QAM	1	99	10.19	10.24	10.22	10.18	10.29		
20	16QAM	50	0	10.29	10.17	10.17	9.98	10.03		
20	16QAM	50	24	10.09	10.15	9.97	10.29	10.13		
20	16QAM	50	50	10.26	10.10	10.37	10.03	10.24	11	0
20	16QAM	100	0	10.12	10.11	10.21	9.84	10.22		
20	64QAM	1	0	10.47	10.17	10.18	10.13	10.09		
20	64QAM	1	49	10.25	10.22	10.17	10.13	10.20		
20	64QAM	1	99	10.21	10.17	10.16	10.05	10.16	11	0
20	64QAM	50	0	10.31	10.23	10.13	10.00	10.11		
20	64QAM	50	24	10.11	10.21	10.20	10.01	10.22		
20	64QAM	50	50	9.98	10.13	10.42	10.34	10.36		
20	64QAM	100	0	9.95	10.29	10.13	10.14	10.17		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	10.30	10.47	10.47	10.21	10.22	11	0
15	QPSK	1	37	10.18	10.09	10.31	10.03	10.10		
15	QPSK	1	74	10.45	10.18	10.37	10.22	10.21		
15	QPSK	36	0	10.24	10.10	10.27	10.11	10.26		
15	QPSK	36	20	10.18	10.21	9.99	10.04	10.05	11	0
15	QPSK	36	39	10.18	9.80	10.21	10.21	10.34		
15	QPSK	75	0	9.94	10.20	10.39	9.83	10.05		
15	16QAM	1	0	10.44	9.96	10.32	10.01	10.19		
15	16QAM	1	37	9.97	10.20	10.13	9.86	9.87	11	0
15	16QAM	1	74	10.04	10.10	10.24	10.01	10.01		
15	16QAM	36	0	10.29	10.07	10.27	9.93	10.11		
15	16QAM	36	20	10.01	10.14	9.85	10.23	9.95		
15	16QAM	36	39	10.17	9.82	10.19	10.12	10.25	11	0
15	16QAM	75	0	9.91	10.08	10.18	9.87	10.06		
15	64QAM	1	0	10.18	10.24	10.31	10.12	10.08		
15	64QAM	1	37	10.21	9.98	10.12	10.04	10.21		
15	64QAM	1	74	10.31	9.94	10.04	10.11	10.06	11	0
15	64QAM	36	0	10.05	10.00	10.04	9.76	9.82		
15	64QAM	36	20	9.94	10.09	10.16	10.08	10.05		
15	64QAM	36	39	9.99	10.08	10.31	10.22	10.17		
15	64QAM	75	0	9.93	10.32	10.15	9.94	10.11		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	10.23	10.48	10.40	10.09	10.11	11.00	0
10	QPSK	1	25	10.27	10.12	10.27	10.14	10.09		
10	QPSK	1	49	10.39	10.29	10.36	10.11	10.26		
10	QPSK	25	0	10.14	10.21	10.46	10.15	10.17		
10	QPSK	25	12	10.08	10.11	9.96	10.03	10.18	11	0
10	QPSK	25	25	10.32	9.79	10.26	10.20	10.19		
10	QPSK	50	0	9.94	10.26	10.24	9.83	10.17		
10	16QAM	1	0	10.36	10.10	10.43	10.12	10.25		
10	16QAM	1	25	9.91	10.14	10.10	9.97	9.97	11	0
10	16QAM	1	49	10.05	10.16	10.06	10.06	10.19		
10	16QAM	25	0	10.18	9.94	10.05	9.98	10.02		
10	16QAM	25	12	10.02	10.00	9.90	10.18	9.96		
10	16QAM	25	25	10.03	10.01	10.21	10.03	10.26	11	0
10	16QAM	50	0	9.98	10.09	9.98	9.86	10.05		
10	64QAM	1	0	10.38	10.19	10.31	10.16	10.11		
10	64QAM	1	25	10.36	9.92	10.17	9.95	10.05		
10	64QAM	1	49	10.31	9.95	10.13	10.07	10.09	11	0
10	64QAM	25	0	10.20	10.07	10.14	9.88	9.89		
10	64QAM	25	12	9.93	10.05	10.01	9.92	10.04		
10	64QAM	25	25	9.82	10.00	10.27	10.20	10.32		
10	64QAM	50	0	9.97	10.30	10.23	9.97	9.95		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	10.34	10.33	10.35	10.07	10.03	11.00	0
5	QPSK	1	12	10.16	10.13	10.25	10.11	10.09		
5	QPSK	1	24	10.25	10.34	10.36	10.12	10.36		
5	QPSK	12	0	10.22	10.17	10.46	10.05	10.14		
5	QPSK	12	7	10.18	10.15	10.08	9.94	10.04	11	0
5	QPSK	12	13	10.16	9.97	10.29	10.06	10.17		
5	QPSK	25	0	9.82	10.22	10.31	9.84	10.02		
5	16QAM	1	0	10.30	9.91	10.48	10.01	10.24		
5	16QAM	1	12	9.94	10.17	10.01	10.03	10.09	11	0
5	16QAM	1	24	10.06	10.20	10.21	10.12	10.10		
5	16QAM	12	0	10.19	9.98	10.23	9.94	9.97		
5	16QAM	12	7	9.99	10.10	9.93	10.22	9.94		
5	16QAM	12	13	10.03	9.95	10.10	9.91	10.17	11	0
5	16QAM	25	0	10.11	10.05	10.16	9.77	10.02		
5	64QAM	1	0	10.19	10.14	10.18	10.11	10.16		
5	64QAM	1	12	10.37	10.01	10.16	10.00	10.09		
5	64QAM	1	24	10.18	9.99	10.14	10.04	10.10	11	0
5	64QAM	12	0	10.19	10.09	10.10	9.87	9.89		
5	64QAM	12	7	9.88	10.10	10.03	9.99	10.08		
5	64QAM	12	13	9.93	10.10	10.16	10.10	10.25		
5	64QAM	25	0	9.99	10.26	10.22	9.91	10.05		

Band 41 HPUE Ant2

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	12.35	12.39	12.51	12.30	12.27	13	0
20	QPSK	1	49	12.39	12.27	12.32	12.23	12.21		
20	QPSK	1	99	12.34	12.26	12.34	12.26	12.35		
20	QPSK	50	0	12.27	12.25	12.35	12.29	12.16		
20	QPSK	50	24	12.29	12.21	12.16	12.10	12.26	13	0
20	QPSK	50	50	12.31	12.08	12.19	12.21	12.34		
20	QPSK	100	0	12.13	12.26	12.28	12.11	12.26		
20	16QAM	1	0	12.38	12.23	12.41	12.21	12.30		
20	16QAM	1	49	12.21	12.22	12.16	12.15	12.15	13	0
20	16QAM	1	99	12.11	12.32	12.34	12.13	12.28		
20	16QAM	50	0	12.23	12.22	12.29	12.01	12.09		
20	16QAM	50	24	12.19	12.09	12.09	12.16	12.16		
20	16QAM	50	50	12.17	12.07	12.19	12.20	12.16	13	0
20	16QAM	100	0	12.08	12.20	12.22	12.01	12.22		
20	64QAM	1	0	12.29	12.30	12.24	12.19	12.16		
20	64QAM	1	49	12.26	12.18	12.26	12.06	12.21		
20	64QAM	1	99	12.29	12.16	12.19	12.22	12.20	13	0
20	64QAM	50	0	12.22	12.11	12.25	12.08	12.03		
20	64QAM	50	24	12.14	12.27	12.18	12.04	12.08		
20	64QAM	50	50	12.07	12.18	12.21	12.20	12.24		
20	64QAM	100	0	11.92	12.28	12.24	11.99	12.11		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	12.26	12.38	12.39	12.30	12.15	13	0
15	QPSK	1	37	12.31	12.22	12.20	12.22	12.12		
15	QPSK	1	74	12.25	12.12	12.26	12.18	12.26		
15	QPSK	36	0	12.19	12.19	12.27	12.24	12.08		
15	QPSK	36	20	12.27	12.07	12.				

Band 42 Ant3									
BW [MHz]	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	14.55	14.63	14.60	15	0	
20	QPSK	1	49	14.38	14.49	14.48			
20	QPSK	1	99	14.52	14.46	14.52			
20	QPSK	50	0	14.57	14.58	14.50	15	0	
20	QPSK	50	24	14.44	14.40	14.36			
20	QPSK	50	50	14.51	14.49	14.51			
20	QPSK	100	0	14.45	14.49	14.48	15	0	
20	16QAM	1	0	14.48	14.43	14.47			
20	16QAM	1	49	14.35	14.50	14.41			
20	16QAM	1	99	14.61	14.47	14.47	15	0	
20	16QAM	50	0	14.53	14.50	14.47			
20	16QAM	50	24	14.26	14.21	14.37			
20	16QAM	50	50	14.48	14.49	14.44	15	0	
20	16QAM	100	0	14.37	14.34	14.37			
20	64QAM	1	0	14.59	14.61	14.61			
20	64QAM	1	49	14.39	14.52	14.45	15	0	
20	64QAM	1	99	14.51	14.42	14.50			
20	64QAM	50	0	14.48	14.51	14.41			
20	64QAM	50	24	14.26	14.38	14.28	15	0	
20	64QAM	50	50	14.36	14.45	14.44			
20	64QAM	100	0	14.37	14.55	14.36			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	14.43	14.56	14.53	15	0	
15	QPSK	1	37	14.24	14.36	14.35			
15	QPSK	1	74	14.38	14.43	14.48			
15	QPSK	36	0	14.51	14.57	14.45	15	0	
15	QPSK	36	20	14.36	14.32	14.23			
15	QPSK	36	39	14.48	14.36	14.40			
15	QPSK	75	0	14.35	14.42	14.44	15	0	
15	16QAM	1	0	14.44	14.28	14.44			
15	16QAM	1	37	14.20	14.46	14.33			
15	16QAM	1	74	14.48	14.34	14.36	15	0	
15	16QAM	36	0	14.40	14.37	14.42			
15	16QAM	36	20	14.15	14.05	14.34			
15	16QAM	36	39	14.37	14.37	14.29	15	0	
15	16QAM	75	0	14.35	14.21	14.36			
15	64QAM	1	0	14.55	14.47	14.54			
15	64QAM	1	37	14.36	14.43	14.32	15	0	
15	64QAM	1	74	14.39	14.37	14.39			
15	64QAM	36	0	14.37	14.38	14.36			
15	64QAM	36	20	14.20	14.35	14.20	15	0	
15	64QAM	36	39	14.21	14.31	14.36			
15	64QAM	75	0	14.34	14.41	14.20			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	14.45	14.58	14.53	15	0	
10	QPSK	1	25	14.35	14.48	14.39			
10	QPSK	1	49	14.41	14.33	14.43			
10	QPSK	25	0	14.57	14.48	14.43	15	0	
10	QPSK	25	12	14.33	14.36	14.23			
10	QPSK	25	25	14.43	14.35	14.44			
10	QPSK	50	0	14.40	14.45	14.42	15	0	
10	16QAM	1	0	14.33	14.35	14.36			
10	16QAM	1	25	14.24	14.49	14.29			
10	16QAM	1	49	14.58	14.35	14.44	15	0	
10	16QAM	25	0	14.38	14.49	14.46			
10	16QAM	25	12	14.19	14.09	14.26			
10	16QAM	25	25	14.44	14.45	14.31	15	0	
10	16QAM	50	0	14.29	14.22	14.24			
10	64QAM	1	0	14.47	14.59	14.56			
10	64QAM	1	25	14.33	14.43	14.37	15	0	
10	64QAM	1	49	14.46	14.39	14.35			
10	64QAM	25	0	14.42	14.38	14.41			
10	64QAM	25	12	14.18	14.27	14.17	15	0	
10	64QAM	25	25	14.31	14.33	14.33			
10	64QAM	50	0	14.33	14.51	14.30			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	14.55	14.60	14.58	15	0	
5	QPSK	1	12	14.28	14.42	14.42			
5	QPSK	1	24	14.44	14.43	14.46			
5	QPSK	12	0	14.45	14.43	14.48	15	0	
5	QPSK	12	7	14.43	14.33	14.20			
5	QPSK	12	13	14.44	14.38	14.47			
5	QPSK	25	0	14.38	14.38	14.47	15	0	
5	16QAM	1	0	14.33	14.37	14.39			
5	16QAM	1	12	14.28	14.34	14.27			
5	16QAM	1	24	14.50	14.36	14.39	15	0	
5	16QAM	12	0	14.37	14.43	14.37			
5	16QAM	12	7	14.11	14.15	14.32			
5	16QAM	12	13	14.46	14.48	14.34	15	0	
5	16QAM	25	0	14.21	14.20	14.32			
5	64QAM	1	0	14.59	14.51	14.50			
5	64QAM	1	12	14.31	14.51	14.39	15	0	
5	64QAM	1	24	14.41	14.31	14.39			
5	64QAM	12	0	14.37	14.44	14.27			
5	64QAM	12	7	14.19	14.25	14.20	15	0	
5	64QAM	12	13	14.28	14.38	14.37			
5	64QAM	25	0	14.32	14.44	14.28			



Reduced Power for ENDC

Band 41 PC3 Ant2

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	8.77	8.98	9.10	8.98	8.75	9.5	0
20	QPSK	1	49	8.84	8.63	9.00	8.74	8.53		
20	QPSK	1	99	9.00	8.81	8.96	8.93	8.89		
20	QPSK	50	0	9.02	8.81	9.03	8.50	8.60		
20	QPSK	50	24	8.80	8.76	8.61	8.63	8.79		
20	QPSK	50	50	8.79	8.48	8.70	8.69	8.71		
20	QPSK	100	0	8.55	8.83	8.96	8.50	8.57		
20	16QAM	1	0	8.85	8.56	9.02	8.58	8.68		
20	16QAM	1	49	8.54	8.90	8.56	8.64	8.46		
20	16QAM	1	99	8.58	8.69	8.75	8.58	8.87		
20	16QAM	50	0	8.77	8.71	8.68	8.37	8.55		
20	16QAM	50	24	8.60	8.66	8.39	8.83	8.58		
20	16QAM	50	50	8.69	8.60	8.84	8.56	8.63		
20	16QAM	100	0	8.58	8.51	8.76	8.24	8.84		
20	64QAM	1	0	8.95	8.75	8.71	8.65	8.49		
20	64QAM	1	49	8.84	8.79	8.56	8.52	8.65		
20	64QAM	1	99	8.80	8.67	8.66	8.51	8.56		
20	64QAM	50	0	8.82	8.85	8.72	8.55	8.56		
20	64QAM	50	24	8.54	8.82	8.64	8.48	8.83		
20	64QAM	50	50	8.40	8.73	8.96	8.91	8.90		
20	64QAM	100	0	8.53	8.85	8.62	8.59	8.77		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	8.71	8.89	8.86	8.82	8.52	10	0
15	QPSK	1	37	8.76	8.60	8.86	8.44	8.45		
15	QPSK	1	74	8.76	8.72	8.80	8.64	8.76		
15	QPSK	36	0	8.82	8.51	8.91	8.40	8.65		
15	QPSK	36	20	8.70	8.70	8.55	8.67	8.58		
15	QPSK	36	39	8.84	8.31	8.64	8.48	8.64		
15	QPSK	75	0	8.43	8.71	8.91	8.53	8.53		
15	16QAM	1	0	8.79	8.50	8.85	8.47	8.75		
15	16QAM	1	37	8.63	8.69	8.52	8.51	8.27		
15	16QAM	1	74	8.69	8.58	8.67	8.51	8.80		
15	16QAM	36	0	8.68	8.54	8.57	8.42	8.45		
15	16QAM	36	20	8.58	8.49	8.42	8.78	8.49		
15	16QAM	36	39	8.75	8.40	8.70	8.46	8.64		
15	16QAM	75	0	8.62	8.57	8.66	8.24	8.67		
15	64QAM	1	0	8.78	8.63	8.68	8.57	8.46		
15	64QAM	1	37	8.54	8.65	8.59	8.64	8.61		
15	64QAM	1	74	8.54	8.62	8.47	8.39	8.48		
15	64QAM	36	0	8.64	8.71	8.41	8.45	8.44		
15	64QAM	36	20	8.52	8.58	8.54	8.29	8.69		
15	64QAM	36	39	8.40	8.61	8.79	8.68	8.73		
15	64QAM	75	0	8.26	8.60	8.47	8.64	8.62		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	8.68	8.88	9.02	8.66	8.50	9.50	0
10	QPSK	1	25	8.66	8.43	8.81	8.66	8.52		
10	QPSK	1	49	8.85	8.73	8.69	8.83	8.59		
10	QPSK	25	0	8.93	8.70	8.88	8.60	8.59		
10	QPSK	25	12	8.80	8.65	8.62	8.57	8.52		
10	QPSK	25	25	8.90	8.36	8.69	8.55	8.65		
10	QPSK	50	0	8.46	8.63	8.84	8.37	8.47		
10	16QAM	1	0	8.77	8.54	8.97	8.57	8.69		
10	16QAM	1	25	8.56	8.81	8.54	8.48	8.48		
10	16QAM	1	49	8.54	8.63	8.70	8.63	8.78		
10	16QAM	25	0	8.59	8.55	8.48	8.48	8.55		
10	16QAM	25	12	8.44	8.51	8.25	8.63	8.53		
10	16QAM	25	25	8.68	8.56	8.76	8.32	8.64		
10	16QAM	50	0	8.62	8.50	8.53	8.36	8.64		
10	64QAM	1	0	8.98	8.59	8.66	8.58	8.38		
10	64QAM	1	25	8.66	8.61	8.67	8.52	8.65		
10	64QAM	1	49	8.65	8.52	8.54	8.57	8.56		
10	64QAM	25	0	8.75	8.53	8.51	8.31	8.50		
10	64QAM	25	12	8.59	8.50	8.53	8.38	8.51		
10	64QAM	25	25	8.47	8.53	8.76	8.63	8.82		
10	64QAM	50	0	8.38	8.57	8.64	8.47	8.47		
Channel				39875	40148	40620	41093	41655		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	8.73	8.95	8.94	8.88	8.51	9.50	0
5	QPSK	1	12	8.73	8.58	8.80	8.60	8.37		
5	QPSK	1	24	8.85	8.77	8.85	8.80	8.77		
5	QPSK	12	0	8.81	8.55	8.77	8.50	8.47		
5	QPSK	12	7	8.66	8.68	8.52	8.62	8.61		
5	QPSK	12	13	8.89	8.18	8.57	8.48	8.65		
5	QPSK	25	0	8.57	8.70	8.89	8.44	8.47		
5	16QAM	1	0	8.88	8.53	8.99	8.61	8.63		
5	16QAM	1	12	8.54	8.69	8.49	8.50	8.26		
5	16QAM	1	24	8.68	8.64	8.63	8.51	8.58		
5	16QAM	12	0	8.64	8.56	8.56	8.47	8.44		
5	16QAM	12	7	8.41	8.54	8.44	8.67	8.47		
5	16QAM	12	13	8.61	8.40	8.70	8.49	8.65		
5	16QAM	25	0	8.47	8.42	8.59	8.25	8.68		
5	64QAM	1	0	8.78	8.54	8.52	8.64	8.59		
5	64QAM	1	12	8.76	8.57	8.67	8.43	8.57		
5	64QAM	1	24	8.67	8.65	8.53	8.47	8.46		
5	64QAM	12	0	8.77	8.62	8.56	8.46	8.62		
5	64QAM	12	7	8.57	8.51	8.49	8.44	8.69		
5	64QAM	12	13	8.31	8.44	8.78	8.84	8.79		
5	64QAM	25	0	8.32	8.80	8.45	8.61	8.58		

Reduced Power for ENDC

Band 41 PC2 Ant2

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	10.85	10.82	10.90	10.79	10.76	11.5	0
20	QPSK	1	49	10.70	10.80	10.86	10.72	10.68		
20	QPSK	1	99	10.72	10.72	10.87	10.72	10.69		
20	QPSK	50	0	10.71	10.74	10.89	10.65	10.69		
20	QPSK	50	24	10.68	10.78	10.79	10.67	10.61		
20	QPSK	50	50	10.60	10.71	10.84	10.70	10.68		
20	QPSK	100	0	10.76	10.75	10.79	10.63	10.64		
20	16QAM	1	0	10.83	10.79	10.80	10.77	10.67		
20	16QAM	1	49	10.54	10.68	10.78	10.58	10.62		
20	16QAM	1	99	10.59	10.64	10.75	10.65	10.63		
20	16QAM	50	0	10.64	10.62	10.86	10.49	10.54		
20	16QAM	50	24	10.64	10.67	10.72	10.62	10.48		
20	16QAM	50	50	10.59	10.58	10.70	10.60	10.67		
20	16QAM	100	0	10.73	10.61	10.77	10.52	10.60		
20	64QAM	1	0	10.81	10.71	10.79	10.73	10.63		
20	64QAM	1	49	10.66	10.79	10.84	10.59	10.56		
20	64QAM	1	99	10.66	10.57	10.76	10.68	10.54		
20	64QAM	50	0	10.57	10.61	10.81	10.65	10.54		
20	64QAM	50	24	10.61	10.63	10.74	10.62	10.57		
20	64QAM	50	50	10.51	10.64	10.81	10.54	10.62		
20	64QAM	100	0	10.70	10.61	10.68	10.58	10.59		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	10.74	10.75	10.78	10.72	10.71	12	0
15	QPSK	1	37	10.66	10.70	10.74	10.67	10.60		
15	QPSK	1	74	10.67	10.70	10.85	10.60	10.56		
15	QPSK	36	0	10.69	10.60	10.74	10.65	10.58		
15	QPSK	36	20	10.56	10.73	10.68	10.67	10.49		
15	QPSK	36	39	10.58	10.66	10.83	10.59	10.57		
15	QPSK	75	0	10.72	10.72	10.63	10.54	10.62		
15	16QAM	1	0	10.75	10.74	10.86	10.71	10.62		
15	16QAM	1	37	10.40	10.53	10.68	10.58	10.50		
15	16QAM	1	74	10.47	10.59	10.62	10.63	10.49		
15	16QAM	36	0	10.56	10.55	10.77	10.44	10.46		
15	16QAM	36	20	10.61	10.63	10.64	10.62	10.44		
15										



DL CA Power

2CA DL

CA List	PCC									SCC				Power		
	LTE	BW	BW	UL	UL	UL#	UL	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. Channel (MHz)	Mod.	RB	RB	Offset		Band	(MHz)	Freq. Channel (MHz)			Tx. Power (dBm)	Tx. Power (dBm)
CA_41A-42A	Band 41	Ant2	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590		24.06	24.20
	Band 42	Ant3	20M	3500	42590	QPSK	1	0		Band 41	20M	2593	40620		23.29	23.44

3CA DL

3CA List	PCC									SCC1				SCC2				Power			
	LTE	BW	BW	UL	UL	UL#	UL	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. Channel (MHz)	Mod.	RB	RB	Offset		Band	(MHz)	Freq. Channel (MHz)			Band	(MHz)	Freq. Channel (MHz)			Tx. Power (dBm)	Tx. Power (dBm)
CA_41A-42A	Band 41	Ant2	20M	2593	40620	QPSK	1	0		Band 42	20M	3500	42590		Band 42	20M	3519.8	42788		24.09	24.20
	Band 42	Ant3	20M	3500	42590	QPSK	1	0		Band 42	20M	3520	42788		Band 41	20M	2593	40620		23.30	23.44
CA_41C-42A	Band 41	Ant2	20M	2593	40620	QPSK	1	0		Band 41	20M	2613	40818		Band 42	20M	3500	42590		24.02	24.20
	Band 42	Ant3	20M	3500	42590	QPSK	1	0		Band 41	20M	2593	40620		Band 41	20M	2612.8	40818		23.34	23.44

4CA DL

Configure	PCC									SCC1				SCC2				SCC3				Power				
	LTE	BW	BW	UL	UL	UL#	UL	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band	Ant	(MHz)	Freq. Channel (MHz)	Mod.	RB	RB	Offset		Band	(MHz)	Freq. Channel (MHz)			Band	(MHz)	Freq. Channel (MHz)			Band	(MHz)	Freq. Channel (MHz)			Tx. Power (dBm)	Tx. Power (dBm)
CA_41C-42A	Band 41	Ant2	20M	2593	40620	QPSK	1	0		Band 41	20M	2613	40818		Band 42	20M	3500	42590		Band 42	20M	3519.8	42788		24.07	24.20
	Band 42	Ant3	20M	3500	42590	QPSK	1	0		Band 42	20M	3520	42788		Band 41	20M	2593	40620		Band 41	20M	2612.8	40818		23.35	23.44



Full Power

Part27O n77 PC3 Ant3 Default								
BW [MHz]	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	23.46	23.68	23.68	25.0	0.0
100	PI/2 BPSK	1	137	23.77	23.86	23.91		
100	PI/2 BPSK	1	271	23.73	23.81	23.72		
100	PI/2 BPSK	135	0	23.50	23.82	23.73	25.0	0.0
100	PI/2 BPSK	135	69	23.61	23.83	23.76	25.0	0.0
100	PI/2 BPSK	135	138	23.76	23.78	23.70	25.0	0.0
100	PI/2 BPSK	270	0	23.70	23.66	23.73		
100	QPSK	1	1	23.78	24.00	23.68		
100	QPSK	1	137	23.78	23.77	23.75	25.0	0.0
100	QPSK	1	271	23.76	23.74	23.82		
100	QPSK	135	0	23.63	23.77	23.55		
100	QPSK	135	69	23.67	23.84	23.57	25.0	0.0
100	QPSK	135	138	23.67	23.65	23.77	25.0	0.0
100	QPSK	270	0	23.71	23.83	23.64		
100	16QAM	1	1	23.72	23.81	23.76		
100	64QAM	1	1	22.29	22.35	22.25	23.5	1.5
100	256QAM	1	1	20.03	20.31	20.07	21.5	3.5
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.87	23.98	23.70	25.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	1	23.90	23.80	23.69	25.0	0.0

Part27Q n77 PC3 Ant3 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel						633334				
Frequency (MHz)						3500.01				
100	PI/2 BPSK	1	1			23.74	25.0	0.0		
100	PI/2 BPSK	1	137			23.87				
100	PI/2 BPSK	1	271			23.70				
100	PI/2 BPSK	135	0			23.77	25.0	0.0		
100	PI/2 BPSK	135	69			23.85	25.0	0.0		
100	PI/2 BPSK	135	138			23.72	25.0	0.0		
100	PI/2 BPSK	270	0			23.75				
100	QPSK	1	1			24.09				
100	QPSK	1	137			23.92	25.0	0.0		
100	QPSK	1	271			23.88				
100	QPSK	135	0			23.76				
100	QPSK	135	69			23.88	25.0	0.0		
100	QPSK	135	138			23.74	25.0	0.0		
100	QPSK	270	0			23.88				
100	16QAM	1	1			23.59				
100	64QAM	1	1			22.43	23.5	1.5		
100	256QAM	1	1			20.31	21.5	3.5		
Channel					631334	633334	635334	Tune-up limit	MPR	
Frequency (MHz)					3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	1			23.67	23.85	23.82	24.0	0.0
Channel					630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)					3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	1			23.73	23.83	23.63	24.0	0.0



Part96 n77 PC3 Ant3 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.28	19.30	19.19	20.0	0.0
100	PI/2 BPSK	1	137	19.15	19.32	19.11		
100	PI/2 BPSK	1	271	19.22	19.33	19.11		
100	PI/2 BPSK	135	0	19.16	19.27	19.10	20.0	0.0
100	PI/2 BPSK	135	69	19.11	19.16	19.31	20.0	0.0
100	PI/2 BPSK	135	138	19.18	19.30	19.22	20.0	0.0
100	PI/2 BPSK	270	0	19.32	19.20	19.27		
100	QPSK	1	1	18.98	19.38	19.30	20.0	0.0
100	QPSK	1	137	19.20	19.31	19.03		
100	QPSK	1	271	19.10	19.23	19.21		
100	QPSK	135	0	19.17	19.31	19.15	20.0	0.0
100	QPSK	135	69	19.31	19.36	19.05	20.0	0.0
100	QPSK	135	138	19.30	19.31	19.15	20.0	0.0
100	QPSK	270	0	19.03	19.30	19.20		
100	16QAM	1	1	19.13	19.32	19.24	20.0	0.0
100	64QAM	1	1	19.26	19.30	19.12	20.0	0.0
100	256QAM	1	1	18.96	19.26	19.30	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	19.13	19.11	19.06	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.16	19.32	19.11	20.0	0.0

Part270 n78 PC3 Ant3 Default								
BW [MHz]	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		23.42		25.0	0.0
100	PI/2 BPSK	1	137		23.66			
100	PI/2 BPSK	1	271		23.56			
100	PI/2 BPSK	135	0		23.48		25.0	0.0
100	PI/2 BPSK	135	69		23.61		25.0	0.0
100	PI/2 BPSK	135	138		23.50		25.0	0.0
100	PI/2 BPSK	270	0		23.49			
100	QPSK	1	1		23.77		25.0	0.0
100	QPSK	1	137		23.59			
100	QPSK	1	271		23.57			
100	QPSK	135	0		23.61		25.0	0.0
100	QPSK	135	69		23.68		25.0	0.0
100	QPSK	135	138		23.62		25.0	0.0
100	QPSK	270	0		23.67			
100	16QAM	1	1		23.39		25.0	0.0
100	64QAM	1	1		22.09		23.5	1.5
100	256QAM	1	1		20.01		21.5	3.5
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.30	23.46	23.42	25.0	0.0



Part96 n78 PC3 Ant3 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	19.25	19.16	19.04		
100	PI/2 BPSK	1	137	19.17	19.13	18.96	20.0	0.0
100	PI/2 BPSK	1	271	19.17	19.26	19.01		
100	PI/2 BPSK	135	0	19.13	19.20	18.92	20.0	0.0
100	PI/2 BPSK	135	69	18.90	19.15	19.27	20.0	0.0
100	PI/2 BPSK	135	138	19.09	19.18	19.12		
100	PI/2 BPSK	270	0	19.28	19.08	19.14	20.0	0.0
100	QPSK	1	1	18.92	19.32	19.31		
100	QPSK	1	137	19.02	19.12	18.98	20.0	0.0
100	QPSK	1	271	19.10	19.16	19.05		
100	QPSK	135	0	19.03	19.19	19.02	20.0	0.0
100	QPSK	135	69	19.25	19.27	18.91	20.0	0.0
100	QPSK	135	138	19.24	19.22	19.07		
100	QPSK	270	0	18.82	19.11	18.99	20.0	0.0
100	16QAM	1	1	18.97	19.17	19.18	20.0	0.0
100	64QAM	1	1	19.19	19.22	18.96	20.0	0.0
100	256QAM	1	1	18.81	19.21	19.20	20.0	0.0
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	19.19	19.12	19.16	20.0	0.0

Part27Q n78 PC3 Ant3 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.41			
100	PI/2 BPSK	1	137		23.53		25.0	0.0
100	PI/2 BPSK	1	271		23.53			
100	PI/2 BPSK	135	0		23.39		25.0	0.0
100	PI/2 BPSK	135	69		23.60		25.0	0.0
100	PI/2 BPSK	135	138		23.52			
100	PI/2 BPSK	270	0		23.59		25.0	0.0
100	QPSK	1	1		23.66			
100	QPSK	1	137		23.54		25.0	0.0
100	QPSK	1	271		23.55			
100	QPSK	135	0		23.40		25.0	0.0
100	QPSK	135	69		23.58		25.0	0.0
100	QPSK	135	138		23.54			
100	QPSK	270	0		23.48		25.0	0.0
100	16QAM	1	1		23.54		25.0	0.0
100	64QAM	1	1		22.08		23.5	1.5
100	256QAM	1	1		19.93		21.5	3.5
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.32	23.58	23.50	25.0	0.0



Part270 n77 PC3 Ant4 Default								
BW [MHz]	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	Pl/2 BPSK	1	1	14.40	14.42	14.42	15.0	0.0
100	Pl/2 BPSK	1	137	14.46	14.43	14.35		
100	Pl/2 BPSK	1	271	14.44	14.43	14.33		
100	Pl/2 BPSK	135	0	14.48	14.52	14.34	15.0	0.0
100	Pl/2 BPSK	135	69	14.49	14.46	14.33	15.0	0.0
100	Pl/2 BPSK	135	138	14.46	14.44	14.39	15.0	0.0
100	Pl/2 BPSK	270	0	14.43	14.52	14.40		
100	QPSK	1	1	14.52	14.55	14.48		
100	QPSK	1	137	14.34	14.39	14.31	15.0	0.0
100	QPSK	1	271	14.37	14.44	14.32		
100	QPSK	135	0	14.46	14.46	14.44		
100	QPSK	135	69	14.37	14.51	14.43	15.0	0.0
100	QPSK	135	138	14.40	14.43	14.35	15.0	0.0
100	QPSK	270	0	14.45	14.50	14.43		
100	16QAM	1	1	14.42	14.53	14.35		
100	64QAM	1	1	14.46	14.52	14.37	15.0	0.0
100	256QAM	1	1	14.37	14.22	14.39	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.44	14.41	14.37	15.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.45	14.45	14.43	15.0	0.0

Part96 n77 PC3 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	Pl/2 BPSK	1	1	15.15	15.22	15.17	16.0	0.0
100	Pl/2 BPSK	1	137	15.09	15.35	15.00		
100	Pl/2 BPSK	1	271	15.10	15.11	15.06		
100	Pl/2 BPSK	135	0	15.22	15.28	15.04	16.0	0.0
100	Pl/2 BPSK	135	69	15.07	15.21	15.09	16.0	0.0
100	Pl/2 BPSK	135	138	15.16	15.21	15.23	16.0	0.0
100	Pl/2 BPSK	270	0	15.22	15.26	15.03		
100	QPSK	1	1	15.32	15.41	15.34		
100	QPSK	1	137	15.07	15.23	15.20	16.0	0.0
100	QPSK	1	271	15.21	15.37	15.02		
100	QPSK	135	0	15.16	15.22	15.17		
100	QPSK	135	69	15.03	15.40	15.21	16.0	0.0
100	QPSK	135	138	15.17	15.18	14.99	16.0	0.0
100	QPSK	270	0	15.23	15.25	15.20		
100	16QAM	1	1	15.08	15.23	15.00		
100	64QAM	1	1	15.17	15.15	15.18	16.0	0.0
100	256QAM	1	1	15.22	15.17	15.16	16.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3679.98		
40	QPSK	1	1	15.30	15.28	15.20	16.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.31	15.28	15.31	16.0	0.0



Part27Q n77 PC3 Ant4 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334			
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	17.39			18.0	0.0
100	PI/2 BPSK	1	137	17.39				
100	PI/2 BPSK	1	271	17.35				
100	PI/2 BPSK	135	0	17.35			18.0	0.0
100	PI/2 BPSK	135	69	17.41			18.0	0.0
100	PI/2 BPSK	135	138	17.31			18.0	0.0
100	PI/2 BPSK	270	0	17.30				
100	QPSK	1	1	17.44				
100	QPSK	1	137	17.31			18.0	0.0
100	QPSK	1	271	17.39				
100	QPSK	135	0	17.39			18.0	0.0
100	QPSK	135	69	17.40			18.0	0.0
100	QPSK	135	138	17.31			18.0	0.0
100	QPSK	270	0	17.38				
100	16QAM	1	1	17.28			18.0	0.0
100	64QAM	1	1	17.40			18.0	0.0
100	256QAM	1	1	17.22			18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.32	17.37	17.24	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.27	17.27	17.22	18.0	0.0

Part27O n78 PC3 Ant4 Default								
BW [MHz]	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	14.38				
100	PI/2 BPSK	1	137	14.39			15.0	0.0
100	PI/2 BPSK	1	271	14.39				
100	PI/2 BPSK	135	0	14.38			15.0	0.0
100	PI/2 BPSK	135	69	14.34			15.0	0.0
100	PI/2 BPSK	135	138	14.41				
100	PI/2 BPSK	270	0	14.34			15.0	0.0
100	QPSK	1	1	14.44				
100	QPSK	1	137	14.27			15.0	0.0
100	QPSK	1	271	14.38				
100	QPSK	135	0	14.32			15.0	0.0
100	QPSK	135	69	14.33			15.0	0.0
100	QPSK	135	138	14.31				
100	QPSK	270	0	14.31			15.0	0.0
100	16QAM	1	1	14.34			15.0	0.0
100	64QAM	1	1	14.42			15.0	0.0
100	256QAM	1	1	14.14			15.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.27	14.26	14.20	15.0	0.0



Part96 n78 PC3 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3000	3624.99	3649.98			
100	PI/2 BPSK	1	1	14.95	15.22	14.95			
100	PI/2 BPSK	1	137	15.05	15.22	14.91	16.0	0.0	
100	PI/2 BPSK	1	271	15.07	15.10	15.05			
100	PI/2 BPSK	135	0	15.10	15.25	14.94	16.0	0.0	
100	PI/2 BPSK	135	69	14.91	15.11	15.05	16.0	0.0	
100	PI/2 BPSK	135	138	15.01	15.12	15.02			
100	PI/2 BPSK	270	0	15.05	15.21	14.81	16.0	0.0	
100	QPSK	1	1	15.34	15.25	15.17			
100	QPSK	1	137	15.01	15.08	15.10	16.0	0.0	
100	QPSK	1	271	15.05	15.18	14.85			
100	QPSK	135	0	15.16	15.12	15.17	16.0	0.0	
100	QPSK	135	69	15.04	15.22	15.02	16.0	0.0	
100	QPSK	135	138	15.01	15.11	14.79			
100	QPSK	270	0	15.15	15.04	15.01	16.0	0.0	
100	16QAM	1	1	14.87	15.11	14.89	16.0	0.0	
100	64QAM	1	1	14.97	15.15	15.15	16.0	0.0	
100	256QAM	1	1	15.32	15.28	15.01	16.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	15.07	15.17	15.14	16.0	0.0	

Part27Q n78 PC3 Ant4 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1			16.57			
100	PI/2 BPSK	1	137			16.68	18.0	0.0	
100	PI/2 BPSK	1	271			16.69			
100	PI/2 BPSK	135	0			16.79	18.0	0.0	
100	PI/2 BPSK	135	69			16.68	18.0	0.0	
100	PI/2 BPSK	135	138			16.65			
100	PI/2 BPSK	270	0			16.73	18.0	0.0	
100	QPSK	1	1			16.82			
100	QPSK	1	137			16.78	18.0	0.0	
100	QPSK	1	271			16.77			
100	QPSK	135	0			16.59	18.0	0.0	
100	QPSK	135	69			16.64	18.0	0.0	
100	QPSK	135	138			16.58	18.0	0.0	
100	QPSK	270	0			16.66			
100	16QAM	1	1			16.66	18.0	0.0	
100	64QAM	1	1			16.73	18.0	0.0	
100	256QAM	1	1			16.55	18.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	16.60	16.71	16.62	18.0	0.0	



Part270 n77 PC3 Ant7									
BW [MHz]	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	14.82	14.88	14.75			
100	PI/2 BPSK	1	137	14.84	14.78	14.76	16.0	0.0	
100	PI/2 BPSK	1	271	14.75	14.80	14.73			
100	PI/2 BPSK	135	0	14.81	14.79	14.71	16.0	0.0	
100	PI/2 BPSK	135	69	14.78	14.84	14.84	16.0	0.0	
100	PI/2 BPSK	135	138	14.74	14.91	14.83			
100	PI/2 BPSK	270	0	14.76	14.84	14.77	16.0	0.0	
100	QPSK	1	1	14.86	14.94	14.87			
100	QPSK	1	137	14.74	14.91	14.77	16.0	0.0	
100	QPSK	1	271	14.84	14.83	14.76			
100	QPSK	135	0	14.77	14.77	14.69	16.0	0.0	
100	QPSK	135	69	14.69	14.92	14.73	16.0	0.0	
100	QPSK	135	138	14.69	14.86	14.83			
100	QPSK	270	0	14.78	14.86	14.85	16.0	0.0	
100	16QAM	1	1	14.69	14.85	14.77	16.0	0.0	
100	64QAM	1	1	14.72	14.84	14.82	16.0	0.0	
100	256QAM	1	1	14.69	14.87	14.77	16.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	14.77	14.76	14.77	16.0	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	14.75	14.84	14.80	16.0	0.0	

Part96 n77 PC3 Ant7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3000	3624.99	3649.98			
100	PI/2 BPSK	1	1	13.31	13.44	13.54			
100	PI/2 BPSK	1	137	13.51	13.35	13.44	14.0	0.0	
100	PI/2 BPSK	1	271	13.41	13.33	13.34			
100	PI/2 BPSK	135	0	13.30	13.48	13.40	14.0	0.0	
100	PI/2 BPSK	135	69	13.23	13.43	13.26	14.0	0.0	
100	PI/2 BPSK	135	138	13.43	13.54	13.38			
100	PI/2 BPSK	270	0	13.30	13.31	13.48	14.0	0.0	
100	QPSK	1	1	13.40	13.55	13.51			
100	QPSK	1	137	13.36	13.38	13.32	14.0	0.0	
100	QPSK	1	271	13.22	13.39	13.35			
100	QPSK	135	0	13.32	13.35	13.35	14.0	0.0	
100	QPSK	135	69	13.22	13.41	13.27	14.0	0.0	
100	QPSK	135	138	13.26	13.32	13.40			
100	QPSK	270	0	13.27	13.39	13.37	14.0	0.0	
100	16QAM	1	1	13.29	13.48	13.38	14.0	0.0	
100	64QAM	1	1	13.31	13.49	13.38	14.0	0.0	
100	256QAM	1	1	13.41	13.44	13.24	14.0	0.0	
Channel				638000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)	
40	QPSK	1	1	13.30	13.28	13.33	14.0	0.0	
Channel				637334	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	13.11	13.30	13.54	14.0	0.0	



Part27Q n77 PC3 Ant7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	9.03			9.5	0.0	
100	PI/2 BPSK	1	137	9.02					
100	PI/2 BPSK	1	271	9.00					
100	PI/2 BPSK	135	0	9.04			9.5	0.0	
100	PI/2 BPSK	135	69	9.04			9.5	0.0	
100	PI/2 BPSK	135	138	9.00			9.5	0.0	
100	PI/2 BPSK	270	0	8.85					
100	QPSK	1	1	9.08					
100	QPSK	1	137	8.99			9.5	0.0	
100	QPSK	1	271	9.02					
100	QPSK	135	0	9.06					
100	QPSK	135	69	8.95			9.5	0.0	
100	QPSK	135	138	8.98			9.5	0.0	
100	QPSK	270	0	8.97					
100	16QAM	1	1	9.02					
100	64QAM	1	1	8.92			9.5	0.0	
100	256QAM	1	1	9.00			9.5	0.0	
Channel				631334	633334	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	1	8.84	8.99	8.97	9.5	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	1	8.84	9.01	9.01	9.5	0.0	

Part27O n78 PC3 Ant7									
BW [MHz]	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	14.82			16.0	0.0	
100	PI/2 BPSK	1	137	14.71					
100	PI/2 BPSK	1	271	14.79					
100	PI/2 BPSK	135	0	14.73			16.0	0.0	
100	PI/2 BPSK	135	69	14.80			16.0	0.0	
100	PI/2 BPSK	135	138	14.73			16.0	0.0	
100	PI/2 BPSK	270	0	14.73					
100	QPSK	1	1	14.86					
100	QPSK	1	137	14.83			16.0	0.0	
100	QPSK	1	271	14.70					
100	QPSK	135	0	14.72					
100	QPSK	135	69	14.82			16.0	0.0	
100	QPSK	135	138	14.80			16.0	0.0	
100	QPSK	270	0	14.77					
100	16QAM	1	1	14.73					
100	64QAM	1	1	14.74			16.0	0.0	
100	256QAM	1	1	14.69			16.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	14.65	14.77	14.73	16.0	0.0	



Part96 n78 PC3 Ant7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3648.98		
100	PI/2 BPSK	1	1	13.25	13.33	13.36		
100	PI/2 BPSK	1	137	13.38	13.31	13.26	14.0	0.0
100	PI/2 BPSK	1	271	13.38	13.29	13.31		
100	PI/2 BPSK	135	0	13.18	13.34	13.19	14.0	0.0
100	PI/2 BPSK	135	69	13.16	13.36	13.19	14.0	0.0
100	PI/2 BPSK	135	138	13.34	13.45	13.20		
100	PI/2 BPSK	270	0	13.17	13.11	13.32	14.0	0.0
100	QPSK	1	1	13.26	13.52	13.50		
100	QPSK	1	137	13.14	13.22	13.15	14.0	0.0
100	QPSK	1	271	13.03	13.23	13.28		
100	QPSK	135	0	13.13	13.23	13.36	14.0	0.0
100	QPSK	135	69	13.16	13.42	13.23	14.0	0.0
100	QPSK	135	138	13.15	13.31	13.25		
100	QPSK	270	0	13.06	13.28	13.20	14.0	0.0
100	16QAM	1	1	13.13	13.47	13.27	14.0	0.0
100	64QAM	1	1	13.22	13.29	13.37	14.0	0.0
100	256QAM	1	1	13.34	13.30	13.26	14.0	0.0
Channel				638868	641666	644666	Tune-up limit	MPR
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)
60	QPSK	1	1	13.17	13.42	13.38	14.0	0.0

Part27Q n78 PC3 Ant7								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		8.69			
100	PI/2 BPSK	1	137		8.70		9.5	0.0
100	PI/2 BPSK	1	271		8.64			
100	PI/2 BPSK	135	0		8.76		9.5	0.0
100	PI/2 BPSK	135	69		8.76		9.5	0.0
100	PI/2 BPSK	135	138		8.73			
100	PI/2 BPSK	270	0		8.65		9.5	0.0
100	QPSK	1	1		8.88			
100	QPSK	1	137		8.79		9.5	0.0
100	QPSK	1	271		8.80			
100	QPSK	135	0		8.76		9.5	0.0
100	QPSK	135	69		8.83		9.5	0.0
100	QPSK	135	138		8.75			
100	QPSK	270	0		8.72		9.5	0.0
100	16QAM	1	1		8.74		9.5	0.0
100	64QAM	1	1		8.82		9.5	0.0
100	256QAM	1	1		8.76		9.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)
60	QPSK	1	1	8.66	8.63	8.67	9.5	0.0



Part270 n77 PC3 Ant11 Default

BW [MHz]	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	11.02	11.02	11.00	12.5	0.0
100	PI/2 BPSK	1	137	11.03	11.02	10.91		
100	PI/2 BPSK	1	271	10.97	11.02	10.97		
100	PI/2 BPSK	135	0	11.05	11.03	10.94		
100	PI/2 BPSK	135	69	11.02	11.07	11.00		
100	PI/2 BPSK	135	138	10.95	11.04	10.97		
100	PI/2 BPSK	270	0	10.97	11.00	10.93		
100	QPSK	1	1	11.09	11.13	11.06		
100	QPSK	1	137	11.00	10.99	10.96		
100	QPSK	1	271	11.04	10.97	11.00		
100	QPSK	135	0	11.02	11.08	11.02		
100	QPSK	135	69	10.97	11.09	10.91		
100	QPSK	135	138	10.97	10.98	10.96		
100	QPSK	270	0	11.04	11.05	10.94		
100	16QAM	1	1	11.03	11.01	10.93	12.5	0.0
100	64QAM	1	1	11.00	10.98	10.95	12.5	0.0
100	256QAM	1	1	10.99	11.07	11.00	12.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3950		
40	QPSK	1	1	10.84	11.04	10.93	12.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	11.04	10.98	10.99	12.5	0.0

Part27Q n77 PC3 Ant11 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334	633334	633334		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	15.59			16.0	0.0
100	PI/2 BPSK	1	137	15.55				
100	PI/2 BPSK	1	271	15.57				
100	PI/2 BPSK	135	0	15.48				
100	PI/2 BPSK	135	69	15.50				
100	PI/2 BPSK	135	138	15.51				
100	PI/2 BPSK	270	0	15.52				
100	QPSK	1	1	15.53				
100	QPSK	1	137	15.50				
100	QPSK	1	271	15.49				
100	QPSK	135	0	15.49				
100	QPSK	135	69	15.52				
100	QPSK	135	138	15.50				
100	QPSK	270	0	15.59				
100	16QAM	1	1	15.57			16.0	0.0
100	64QAM	1	1	15.51			16.0	0.0
100	256QAM	1	1	15.57			16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.45	15.59	15.49	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.42	15.55	15.48	16.0	0.0



Part96 n77 PC3 Ant11 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	13.73	13.77	13.81	15.0	0.0
100	PI/2 BPSK	1	137	13.84	13.64	13.56		
100	PI/2 BPSK	1	271	13.74	13.61	13.64		
100	PI/2 BPSK	135	0	13.71	13.70	13.64	15.0	0.0
100	PI/2 BPSK	135	69	13.62	13.68	13.66	15.0	0.0
100	PI/2 BPSK	135	138	13.80	13.64	13.63	15.0	0.0
100	PI/2 BPSK	270	0	13.79	13.63	13.55		
100	QPSK	1	1	13.71	13.94	13.66		
100	QPSK	1	137	13.72	13.70	13.75	15.0	0.0
100	QPSK	1	271	13.85	13.65	13.73		
100	QPSK	135	0	13.75	13.74	13.82		
100	QPSK	135	69	13.71	13.63	13.52	15.0	0.0
100	QPSK	135	138	13.78	13.73	13.72	15.0	0.0
100	QPSK	270	0	13.66	13.61	13.55		
100	16QAM	1	1	13.75	13.80	13.57		
100	64QAM	1	1	13.58	13.72	13.67	15.0	0.0
100	256QAM	1	1	13.62	13.70	13.77	15.0	0.0
Channel				638000	641666	645332	Tune-up limit	MPR
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)
40	QPSK	1	1	13.55	13.63	13.61	15.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)
20	QPSK	1	1	13.63	13.66	13.65	15.0	0.0

Part270 n78 PC3 Ant11 Default								
BW [MHz]	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		10.88		12.5	0.0
100	PI/2 BPSK	1	137		10.97			
100	PI/2 BPSK	1	271		10.91			
100	PI/2 BPSK	135	0		10.95		12.5	0.0
100	PI/2 BPSK	135	69		10.91		12.5	0.0
100	PI/2 BPSK	135	138		10.96		12.5	0.0
100	PI/2 BPSK	270	0		10.87			
100	QPSK	1	1		11.02			
100	QPSK	1	137		10.89		12.5	0.0
100	QPSK	1	271		10.95			
100	QPSK	135	0		10.89			
100	QPSK	135	69		10.92		12.5	0.0
100	QPSK	135	138		10.90		12.5	0.0
100	QPSK	270	0		10.91		12.5	0.0
100	16QAM	1	1		10.92			
100	64QAM	1	1		10.87			
100	256QAM	1	1		10.97		12.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	10.85	10.86	10.85	12.5	0.0



Part96 n78 PC3 Ant11 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3600	3624.99	3649.98		
100	PI/2 BPSK	1	1	13.51	13.61	13.80		
100	PI/2 BPSK	1	137	13.63	13.66	13.52	15.0	0.0
100	PI/2 BPSK	1	271	13.55	13.45	13.62		
100	PI/2 BPSK	135	0	13.64	13.66	13.55	15.0	0.0
100	PI/2 BPSK	135	69	13.44	13.68	13.57	15.0	0.0
100	PI/2 BPSK	135	138	13.39	13.51	13.55		
100	PI/2 BPSK	270	0	13.78	13.43	13.43	15.0	0.0
100	QPSK	1	1	13.62	13.80	13.58		
100	QPSK	1	137	13.61	13.59	13.71	15.0	0.0
100	QPSK	1	271	13.65	13.56	13.67		
100	QPSK	135	0	13.56	13.65	13.60	15.0	0.0
100	QPSK	135	69	13.60	13.62	13.54	15.0	0.0
100	QPSK	135	138	13.61	13.55	13.53		
100	QPSK	270	0	13.57	13.63	13.40	15.0	0.0
100	16QAM	1	1	13.76	13.75	13.45	15.0	0.0
100	64QAM	1	1	13.37	13.68	13.54	15.0	0.0
100	256QAM	1	1	13.46	13.58	13.59	15.0	0.0
Channel				636688	641666	644666		
Frequency (MHz)				3580.02	3624.99	3669.99		
60	QPSK	1	1	13.57	13.63	13.83	15.0	0.0

Part27Q n78 PC3 Ant11 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)					633334	3500.01			
100	PI/2 BPSK	1	1		15.50				
100	PI/2 BPSK	1	137		15.51		16.0	0.0	
100	PI/2 BPSK	1	271		15.45				
100	PI/2 BPSK	135	0		15.50		16.0	0.0	
100	PI/2 BPSK	135	69		15.51		16.0	0.0	
100	PI/2 BPSK	135	138		15.56				
100	PI/2 BPSK	270	0		15.50		16.0	0.0	
100	QPSK	1	1		15.60				
100	QPSK	1	137		15.50		16.0	0.0	
100	QPSK	1	271		15.53				
100	QPSK	135	0		15.55		16.0	0.0	
100	QPSK	135	69		15.54		16.0	0.0	
100	QPSK	135	138		15.51		16.0	0.0	
100	QPSK	270	0		15.52				
100	16QAM	1	1		15.53		16.0	0.0	
100	64QAM	1	1		15.44		16.0	0.0	
100	256QAM	1	1		15.48		16.0	0.0	
Channel					632000	633334	634668		
Frequency (MHz)					3480	3500.01	3520.02		
60	QPSK	1	1		15.40	15.47	15.46	16.0	0.0



Reduced Power for Sensor on

Part270 n77 PC3 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	9.79	9.93	9.90		
100	PI/2 BPSK	1	137	9.84	9.90	9.91	11.5	0.0
100	PI/2 BPSK	1	271	9.89	9.87	9.88		
100	PI/2 BPSK	135	0	9.89	9.88	9.80	11.5	0.0
100	PI/2 BPSK	135	69	9.81	9.96	9.81	11.5	0.0
100	PI/2 BPSK	135	138	9.77	10.01	9.78		
100	PI/2 BPSK	270	0	9.89	9.94	9.85	11.5	0.0
100	QPSK	1	1	9.93	10.04	9.96		
100	QPSK	1	137	9.86	9.90	9.86	11.5	0.0
100	QPSK	1	271	9.86	10.00	9.78		
100	QPSK	135	0	9.75	9.97	9.80	11.5	0.0
100	QPSK	135	69	9.90	10.02	9.94	11.5	0.0
100	QPSK	135	138	9.89	9.99	9.84		
100	QPSK	270	0	9.91	9.95	9.79	11.5	0.0
100	16QAM	1	1	9.87	9.97	9.80	11.5	0.0
100	64QAM	1	1	9.77	9.94	9.87	11.5	0.0
100	256QAM	1	1	9.76	9.97	9.83	11.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	9.87	10.02	9.89	11.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	9.79	9.88	9.84	11.5	0.0

Part96 n77 PC3 Ant3								
BW [MHz]	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	10.07	10.06	9.84		
100	PI/2 BPSK	1	137	9.82	10.01	9.73	11.5	0.0
100	PI/2 BPSK	1	271	10.02	9.96	9.79		
100	PI/2 BPSK	135	0	9.82	10.00	9.76	11.5	0.0
100	PI/2 BPSK	135	69	9.90	9.87	10.10	11.5	0.0
100	PI/2 BPSK	135	138	9.99	9.99	9.85		
100	PI/2 BPSK	270	0	9.91	9.92	9.99	11.5	0.0
100	QPSK	1	1	9.79	10.15	10.12		
100	QPSK	1	137	9.83	10.06	9.78	11.5	0.0
100	QPSK	1	271	9.70	9.82	9.92		
100	QPSK	135	0	9.92	9.99	9.94	11.5	0.0
100	QPSK	135	69	10.06	10.12	9.81	11.5	0.0
100	QPSK	135	138	9.94	9.93	9.84		
100	QPSK	270	0	9.64	10.00	9.94	11.5	0.0
100	16QAM	1	1	9.81	10.05	9.96	11.5	0.0
100	64QAM	1	1	9.92	9.98	9.78	11.5	0.0
100	256QAM	1	1	9.58	9.91	10.03	11.5	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3570	3624.99	3624.99		
40	QPSK	1	1	10.07	10.08	9.96	11.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	9.96	9.95	9.83	11.5	0.0



Part27Q n77 PC3 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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	10.09				
100	PI/2 BPSK	1	137	10.22			11.5	0.0
100	PI/2 BPSK	1	271	10.09				
100	PI/2 BPSK	135	0	10.12			11.5	0.0
100	PI/2 BPSK	135	69	10.21			11.5	0.0
100	PI/2 BPSK	135	138	10.20				
100	PI/2 BPSK	270	0	10.11			11.5	0.0
100	QPSK	1	1	10.26				
100	QPSK	1	137	10.19			11.5	0.0
100	QPSK	1	271	10.09				
100	QPSK	135	0	10.21			11.5	0.0
100	QPSK	135	69	10.22			11.5	0.0
100	QPSK	135	138	10.17				
100	QPSK	270	0	10.13			11.5	0.0
100	16QAM	1	1	10.24			11.5	0.0
100	64QAM	1	1	10.24			11.5	0.0
100	256QAM	1	1	10.12			11.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.02	10.15	10.09	11.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	10.02	10.21	10.00	11.5	0.0

Part27O n78 PC3 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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1	9.74				
100	PI/2 BPSK	1	137	9.83			11.5	0.0
100	PI/2 BPSK	1	271	9.72				
100	PI/2 BPSK	135	0	9.77			11.5	0.0
100	PI/2 BPSK	135	69	9.70			11.5	0.0
100	PI/2 BPSK	135	138	9.76				
100	PI/2 BPSK	270	0	9.72			11.5	0.0
100	QPSK	1	1	9.86				
100	QPSK	1	137	9.81			11.5	0.0
100	QPSK	1	271	9.84				
100	QPSK	135	0	9.72			11.5	0.0
100	QPSK	135	69	9.78			11.5	0.0
100	QPSK	135	138	9.74				
100	QPSK	270	0	9.69			11.5	0.0
100	16QAM	1	1	9.72			11.5	0.0
100	64QAM	1	1	9.72			11.5	0.0
100	256QAM	1	1	9.69			11.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	9.63	9.74	9.62	11.5	0.0



Part96 n78 PC3 Ant3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	9.64	9.72	9.64			
100	PI/2 BPSK	1	137	9.58	9.58	9.65	11.5	0.0	
100	PI/2 BPSK	1	271	9.58	9.59	9.72			
100	PI/2 BPSK	135	0	9.54	9.61	9.74	11.5	0.0	
100	PI/2 BPSK	135	69	9.70	9.67	9.74	11.5	0.0	
100	PI/2 BPSK	135	138	9.54	9.57	9.73			
100	PI/2 BPSK	270	0	9.72	9.81	9.77	11.5	0.0	
100	QPSK	1	1	9.81	9.87	9.67			
100	QPSK	1	137	9.72	9.69	9.62	11.5	0.0	
100	QPSK	1	271	9.49	9.62	9.54			
100	QPSK	135	0	9.59	9.72	9.58	11.5	0.0	
100	QPSK	135	69	9.68	9.75	9.65	11.5	0.0	
100	QPSK	135	138	9.64	9.59	9.68			
100	QPSK	270	0	9.61	9.77	9.64	11.5	0.0	
100	16QAM	1	1	9.67	9.60	9.53	11.5	0.0	
100	64QAM	1	1	9.78	9.73	9.77	11.5	0.0	
100	256QAM	1	1	9.57	9.53	9.54	11.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	9.57	9.71	9.53	11.5	0.0	

Part27Q n78 PC3 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										
Frequency (MHz)						3500.01				
100	PI/2 BPSK	1	1			10.16				
100	PI/2 BPSK	1	137			10.13	11.5	0.0		
100	PI/2 BPSK	1	271			10.21				
100	PI/2 BPSK	135	0			10.21	11.5	0.0		
100	PI/2 BPSK	135	69			10.18	11.5	0.0		
100	PI/2 BPSK	135	138			10.18				
100	PI/2 BPSK	270	0			10.08	11.5	0.0		
100	QPSK	1	1			10.24				
100	QPSK	1	137			10.16	11.5	0.0		
100	QPSK	1	271			10.18				
100	QPSK	135	0			10.15	11.5	0.0		
100	QPSK	135	69			10.19	11.5	0.0		
100	QPSK	135	138			10.10	11.5	0.0		
100	QPSK	270	0			10.16				
100	16QAM	1	1			10.21	11.5	0.0		
100	64QAM	1	1			10.12	11.5	0.0		
100	256QAM	1	1			10.15	11.5	0.0		
Channel						632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)						3480	3500.01	3520.02		
60	QPSK	1	1			10.08	10.07	10.04	11.5	0.0



WIFI&BT Power

2.4GHz WLAN				Full power Ant.10		Sensor on Ant.10		Duty Cycle %
Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11b 1Mbps	1	2412	17.11	18.50	11.15	13.00	100.00	
	6	2437	17.06	18.50	11.23	13.00		
	11	2462	17.24	18.50	11.31	13.00		
802.11g 6Mbps	1	2412	15.70	17.00	Not Required	13.00	98.28	
	6	2437	15.83	17.00				
	11	2462	15.94	17.00				
802.11n-HT20 MCS0	1	2412	13.80	15.00	Not Required	13.00	98.16	
	6	2437	13.82	15.00				
	11	2462	13.73	15.00				
802.11n-HT40 MCS0	3	2422	12.31	13.50	Not Required	13.00	94.93	
	6	2437	12.60	13.50				
	9	2452	11.02	13.00				

5.2GHz WLAN				Full power Ant.10		Sensor on Ant.10		Duty Cycle %
Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	36	5180	15.76	17.00	Not Required	12.00	98.28	
	40	5200	15.70	17.00				
	44	5220	15.34	17.00				
802.11n-HT20 MCS0	36	5180	14.53	16.00	Not Required	12.00	98.16	
	40	5200	14.37	16.00				
	44	5220	14.15	15.50				
802.11n-HT40 MCS0	38	5190	15.47	17.00	Not Required	12.00	96.32	
	46	5230	15.41	17.00				
	36	5180	13.73	15.00				
802.11ac-VHT20 MCS0	40	5200	13.66	15.00	Not Required	12.00	98.16	
	44	5220	13.38	15.00				
	48	5240	13.33	15.00				
802.11ac-VHT40 MCS0	38	5190	12.44	14.00	Not Required	12.00	96.32	
	46	5230	12.04	13.50				
	42	5210	12.21	13.50				

5.3GHz WLAN				Full power Ant.10		Sensor on Ant.10		Duty Cycle %
Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	52	5280	15.10	16.50	Not Required	12.00	98.28	
	56	5280	14.99	16.50				
	60	5300	15.57	17.00				
802.11n-HT20 MCS0	52	5280	14.00	15.50	Not Required	12.00	98.16	
	56	5280	13.78	15.50				
	60	5300	14.30	16.00				
802.11n-HT40 MCS0	54	5270	14.84	15.50	Not Required	12.00	96.32	
	62	5310	15.53	17.00				
	52	5280	13.22	15.00				
802.11ac-VHT20 MCS0	56	5280	13.18	14.50	Not Required	12.00	98.16	
	60	5300	13.60	15.00				
	64	5320	13.86	15.00				
802.11ac-VHT40 MCS0	54	5270	12.10	13.50	Not Required	12.00	96.32	
	62	5310	12.40	14.00				
	58	5290	11.84	13.50				

5.5GHz WLAN				Full power Ant.10		Sensor on Ant.10		Duty Cycle %
Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	100	5500	13.46	17.00	Not Required	7.00	98.28	
	116	5580	15.86	17.50				
	124	5620	15.26	17.00				
	132	5660	15.56	17.00				
	140	5700	15.72	17.00				
802.11n-HT20 MCS0	100	5500	14.27	16.00	Not Required	7.00	98.16	
	116	5580	14.52	16.00				
	124	5620	13.98	15.50				
	132	5660	14.33	16.00				
	140	5700	14.46	16.00				
802.11n-HT40 MCS0	102	5510	15.36	17.00	Not Required	7.00	96.32	
	110	5550	15.97	17.50				
	126	5630	15.03	16.50				
	134	5670	15.34	17.00				
	142	5710	15.54	17.00				
802.11ac-VHT20 MCS0	100	5500	13.73	15.00	Not Required	7.00	98.16	
	116	5580	13.87	15.00				
	124	5620	13.37	15.00				
	132	5660	13.66	15.00				
	140	5700	13.84	15.00				
802.11ac-VHT40 MCS0	102	5510	12.64	14.00	Not Required	7.00	96.32	
	110	5550	12.92	14.50				
	126	5630	12.13	13.50				
	134	5670	12.44	14.00				
	142	5710	12.67	14.00				
802.11ac-VHT80 MCS0	106	5530	12.69	14.00	5.96	7.00	93.00	
	122	5610	11.93	13.50	5.88	7.00		
	138	5690	12.10	13.50	5.89	7.00		

5.8GHz WLAN				Full power Ant.10		Sensor on Ant.10		Duty Cycle %
Mode	Channel	Frequenc y (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	149	5745	15.59	17.00	Not Required	8.50	98.28	
	157	5785	15.50	17.00				
	165	5825	15.54	17.00				
802.11n-HT20 MCS0	149	5745	14.30	15.50	Not Required	8.50	98.16	
	157	5785	14.20	15.50				
	165	5825	14.18	15.50				
802.11n-HT40 MCS0	151	5765	15.27	16.50	Not Required	8.50	96.32	
	159	5795	15.18	16.50				
	149	5745	13.65	15.00				
802.11ac-VHT20 MCS0	157	5785	13.57	15.00	Not Required	8.50	98.16	
	165	5825	13.54	15.00				
	151	5765	12.24	13.50				
802.11ac-VHT40 MCS0	151	5765	12.24	13.50	Not Required	8.50	96.32	
	159	5795	12.13	13.50				
	155	5775	11.83	13.50				

BR/EDR		Ant.10				
Mode	Channel	Frequenc y (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 60	2402	3.13	1.50	1.19	5.00
	CH 39	2441	3.89	0.71	0.54	5.00
	CH 76	2480	3.98	0.68	0.61	5.00

BT LE		Ant.10	
Mode	Channel	Frequenc y (MHz)	Average power (dBm)
LE	CH 60	2402	4.92
	CH 19	2440	3.69
	CH 39	2480	3.88
	Tune-up Limit		5.50

BT LE		Ant.10	
Mode	Channel	Frequenc y (MHz)	Average power (dBm)
LE	CH 60	2402	5.12
	CH 19	2440	3.66
	CH 39	2480	3.91
	Tune-up Limit		5.50