

Band 7 (2600MHz Band)												
Part 27												
BW [MHz]	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)							2510	2535	2560			
20	QPSK	1	0	22.86	22.91	23.01	24	0				
20	QPSK	1	48	22.90	23.29	23.19						
20	QPSK	1	96	22.74	23.04	23.13						
20	QPSK	50	0	22.09	22.28	22.35						
20	QPSK	50	24	22.04	22.28	22.20	23	1				
20	QPSK	50	50	22.07	22.35	22.34						
20	QPSK	100	0	22.03	22.37	22.36						
20	16QAM	1	0	21.87	22.07	22.14						
20	16QAM	1	48	21.90	22.15	22.22	23	1				
20	16QAM	1	96	21.92	22.05	22.22						
20	16QAM	50	0	21.03	21.29	21.19						
20	16QAM	50	24	21.06	21.26	21.21						
20	16QAM	50	50	20.92	21.39	21.30	22	2				
20	16QAM	100	0	21.03	21.25	21.30						
20	64QAM	1	0	21.03	21.13	21.27						
20	64QAM	1	48	21.89	21.46	21.57						
20	64QAM	1	96	21.05	21.49	21.57	22	2				
20	64QAM	50	0	20.12	20.29	20.22						
20	64QAM	50	24	20.20	20.31	20.25						
20	64QAM	50	50	20.10	20.29	20.36						
20	64QAM	100	0	20.19	20.36	20.42	21	3				
Channel										20825	21100	21375
Frequency (MHz)										2507.5	2535	2562.5
15	QPSK	1	0	23.16	23.09	23.28	23					
15	QPSK	1	37	23.10	23.18	23.21						
15	QPSK	1	74	23.07	23.18	23.25						
15	QPSK	36	0	22.13	22.37	22.26	23	1				
15	QPSK	36	20	22.12	22.34	22.34						
15	QPSK	36	39	22.15	22.37	22.36						
15	QPSK	75	0	22.13	22.35	22.26						
15	16QAM	1	0	21.97	21.87	22.08	23	1				
15	16QAM	1	37	21.93	22.15	22.11						
15	16QAM	1	74	22.02	22.14	22.22						
15	16QAM	36	0	21.05	21.23	21.14						
15	16QAM	36	20	21.06	21.29	21.26	22	2				
15	16QAM	36	39	21.12	21.26	21.28						
15	16QAM	75	0	21.10	21.33	21.21						
15	64QAM	1	0	21.17	21.18	21.37						
15	64QAM	1	37	21.44	21.74	21.73	22	2				
15	64QAM	1	74	21.10	21.63	21.68						
15	64QAM	36	0	20.28	20.46	20.36						
15	64QAM	36	20	20.21	20.55	20.48						
15	64QAM	36	39	20.21	20.39	20.55	21	3				
15	64QAM	75	0	20.02	20.54	20.22						
Channel							20800	21100	21400			
Frequency (MHz)							2505	2535	2565			
10	QPSK	1	0	23.28	23.06	23.20	23					
10	QPSK	1	25	23.19	23.28	23.25						
10	QPSK	1	49	22.78	23.10	23.25						
10	QPSK	25	0	22.18	22.39	22.34	23	1				
10	QPSK	25	12	22.20	22.35	22.36						
10	QPSK	25	25	22.14	22.30	22.35						
10	QPSK	50	0	22.08	22.40	22.37						
10	16QAM	1	0	21.85	22.06	22.25	23	1				
10	16QAM	1	25	22.23	22.44	22.51						
10	16QAM	1	49	21.97	22.34	22.20						
10	16QAM	25	0	21.13	21.51	21.20						
10	16QAM	25	12	21.00	21.20	21.24	22	2				
10	16QAM	25	25	20.94	21.16	21.59						
10	16QAM	50	0	21.02	21.28	21.21						
10	64QAM	1	0	21.20	21.25	21.36						
10	64QAM	1	25	21.58	21.68	21.79	22	2				
10	64QAM	1	49	20.96	21.50	21.71						
10	64QAM	25	0	20.05	20.48	20.53						
10	64QAM	25	12	20.35	20.56	20.53						
10	64QAM	25	25	20.00	20.39	20.58	21	3				
10	64QAM	50	0	20.02	20.30	20.37						
Channel							20775	21100	21425			
Frequency (MHz)							2502.5	2535	2567.5			
5	QPSK	1	0	23.19	22.89	22.84	23					
5	QPSK	1	12	23.09	23.26	23.23						
5	QPSK	1	24	22.74	23.17	23.22						
5	QPSK	12	0	22.17	22.34	22.28	23	1				
5	QPSK	12	7	22.17	22.32	22.36						
5	QPSK	12	13	22.12	22.34	22.30						
5	QPSK	25	0	22.13	22.30	22.31						
5	16QAM	1	0	21.76	22.16	22.11	23	1				
5	16QAM	1	12	22.01	22.19	22.19						
5	16QAM	1	24	21.82	21.80	22.03						
5	16QAM	12	0	21.01	21.34	21.16						
5	16QAM	12	7	21.08	21.30	21.24	22	2				
5	16QAM	12	13	21.08	21.26	21.26						
5	16QAM	25	0	21.19	21.28	21.40						
5	64QAM	1	0	21.28	20.78	21.10						
5	64QAM	1	12	21.40	21.61	21.63	22	2				
5	64QAM	1	24	20.97	21.12	21.41						
5	64QAM	12	0	20.25	20.47	20.16						
5	64QAM	12	7	20.26	20.46	20.41						
5	64QAM	12	13	20.21	20.39	20.41	21	3				
5	64QAM	25	0	20.00	20.52	20.45						

Band 66												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [dBm]	Power Middle Ch. [dBm]	Power High Ch. [dBm]	Tune-up limit (dBm)	MPR (dB)				
Channel				132072	132322	132572						
Frequency (MHz)				1720	1745	1770						
20	QPSK	1	0	22.17	22.46	22.61	24	0				
20	QPSK	1	49	22.70	22.77	22.65						
20	QPSK	1	99	22.57	22.32	22.21						
20	QPSK	50	0	21.89	22.02	22.02						
20	QPSK	50	24	21.86	22.02	21.93	23	1				
20	QPSK	50	50	21.88	22.02	21.88						
20	QPSK	100	0	21.87	22.08	21.96						
20	16QAM	1	0	21.71	21.97	21.91						
20	16QAM	1	49	21.72	21.96	21.76	23	1				
20	16QAM	1	99	21.64	21.84	21.57						
20	16QAM	50	0	20.86	21.06	20.88						
20	16QAM	50	24	20.87	21.03	20.68						
20	16QAM	50	50	20.88	20.96	20.58	22	2				
20	16QAM	100	0	20.78	21.01	20.70						
20	64QAM	1	0	20.34	21.01	20.58						
20	64QAM	1	49	20.77	20.90	20.72						
20	64QAM	1	99	20.73	20.88	20.34	22	2				
20	64QAM	50	0	20.08	20.11	20.11						
20	64QAM	50	24	20.12	20.14	20.04						
20	64QAM	50	50	20.09	20.13	19.94						
20	64QAM	100	0	20.09	20.19	19.99	21	3				
Channel				132047	132322	132597						
Frequency (MHz)				1717.5	1745	1772.5		24	0			
15	QPSK	1	0	22.39	22.75	22.67	23					
15	QPSK	1	37	22.82	22.66	22.62						
15	QPSK	1	74	22.39	22.67	22.52						
15	QPSK	36	0	21.94	22.11	21.97	23	1				
15	QPSK	36	20	21.84	22.05	21.96						
15	QPSK	36	39	21.84	22.04	21.86	23	1				
15	QPSK	75	0	21.83	22.11	21.95						
15	16QAM	1	0	21.78	21.75	21.67						
15	16QAM	1	37	21.74	21.53	21.72						
15	16QAM	1	74	21.64	21.64	21.47	23	1				
15	16QAM	36	0	20.83	20.11	20.11						
15	16QAM	36	20	20.82	21.01	20.81						
15	16QAM	36	39	20.82	20.88	20.73						
15	16QAM	75	0	20.88	21.05	20.91	22	2				
15	64QAM	1	0	20.74	20.78	20.66						
15	64QAM	1	37	20.97	21.13	20.90						
15	64QAM	1	74	20.66	20.95	20.33						
15	64QAM	36	0	20.86	20.17	20.17	22	2				
15	64QAM	36	20	20.06	20.19	20.04						
15	64QAM	36	39	19.97	20.14	19.99						
15	64QAM	75	0	20.04	20.14	20.19						
Channel				132022	132322	132622	24 <td rowspan="4">0</td> <td rowspan="4"></td>	0				
Frequency (MHz)				1715	1745	1775				23		
10	QPSK	1	0	22.16	22.35	22.25						
10	QPSK	1	25	22.23	22.73	22.36						
10	QPSK	1	49	22.11	22.31	22.25	23	1				
10	QPSK	25	0	21.84	21.94	21.71						
10	QPSK	25	12	21.65	21.87	21.72						
10	QPSK	25	25	21.57	21.80	21.55						
10	QPSK	50	0	21.63	21.83	21.64	23	1				
10	16QAM	1	0	21.09	22.01	21.72						
10	16QAM	1	25	21.85	21.92	21.92						
10	16QAM	1	49	21.65	21.67	21.49						
10	16QAM	25	0	20.68	20.77	20.68	22	2				
10	16QAM	25	12	20.54	21.01	20.37						
10	16QAM	25	25	20.84	20.67	20.35						
10	16QAM	50	0	20.52	20.84	20.51						
10	64QAM	1	0	20.41	20.90	20.86	22	2				
10	64QAM	1	25	20.66	21.12	20.81						
10	64QAM	1	49	20.46	20.54	20.44						
10	64QAM	25	0	19.80	19.92	19.80						
10	64QAM	25	12	19.81	19.95	19.80	21	3				
10	64QAM	25	25	19.42	19.87	19.74						
10	64QAM	50	0	19.52	19.94	19.55						
Channel				131997	132322	132647						
Frequency (MHz)				1712.5	1745	1777.5	24	0				
5	QPSK	1	0	22.03	22.03	22.08				23		
5	QPSK	1	12	22.27	22.49	22.11						
5	QPSK	1	24	22.07	22.18	22.03						
5	QPSK	12	0	21.52	21.62	21.49	23	1				
5	QPSK	12	7	21.05	21.95	21.47						
5	QPSK	12	13	21.52	21.76	21.42						
5	QPSK	25	0	21.51	21.77	21.39						
5	16QAM	1	0	21.66	21.85	21.77	23	1				
5	16QAM	1	12	21.20	21.67	21.31						
5	16QAM	1	24	21.24	21.49	21.70						
5	16QAM	12	0	20.43	20.99	20.43						
5	16QAM	12	7	20.51	20.96	20.44	22	2				
5	16QAM	12	13	20.51	20.70	20.21						
5	16QAM	25	0	20.63	20.81	20.28						
5	64QAM	1	0	20.47	20.73	20.54						
5	64QAM	1	12	20.58	20.39	20.49	22	2				
5	64QAM	1	24	20.43	20.53	20.20						
5	64QAM	12	0	19.56	19.56	19.61						
5	64QAM	12	7	19.58	19.57	19.56						
5	64QAM	12	13	19.56	19.83	19.33	21	3				
5	64QAM	25	0	19.25	19.98	19.42						
Channel				131987	132322	132657						
Frequency (MHz)				1711.5	1745	1778.5				24	0	
3	QPSK	1	0	22.08	22.24	22.00	23					
3	QPSK	1	8	22.51	22.43	22.04						
3	QPSK	1	14	22.09	22.16	22.05						
3	QPSK	8	0	21.47	21.61	21.49	23	1				
3	QPSK	8	4	21.47	21.68	21.27						
3	QPSK	8	7	21.53	21.76	21.38						
3	QPSK	15	0	21.52	21.80	21.19						
3	16QAM	1	0	21.95	21.76	21.64	23	1				
3	16QAM	1	8	21.23	21.36	21.23						
3	16QAM	1	14	21.33	21.34	21.01						
3	16QAM	8	0	20.44	20.61	20.42						
3	16QAM	8	4	20.50	20.77	20.33	22	2				
3	16QAM	8	7	20.58	20.72	20.49						
3	16QAM	15	0	20.38	20.55	20.15						
3	64QAM	1	0	20.32	20.80	20.88						
3	64QAM	1	8	20.69	20.27	20.25	22	2				
3	64QAM	1	14	20.35	20.95	20.34						
3	64QAM	8	0	19.46	19.46	19.48						
3	64QAM	8	4	19.53	19.95	19.42						
3	64QAM	8	7	19.49	19.53	19.27	21	3				
3	64QAM	15	0	19.50	19.91	19.33						
Channel				131979	132322	132665						
Frequency (MHz)				1710.7	1745	1779.3				24	0	
1.4	QPSK	1	0	22.05	22.23	22.04	23					
1.4	QPSK	1	5	22.21	22.35	22.08						
1.4	QPSK	3	1	22.15	22.43	22.22						
1.4	QPSK	3	1	22.27	22.50	22.17	23	1				
1.4	QPSK	6	0	21.39	21.71	21.44						
1.4	16QAM	1	0	21.28	21.55	21.06						
1.4	16QAM	1	3	21.75	21.61	21.15						
1.4	16QAM	1	5	21.52	21.58	21.33	23	1				
1.4	16QAM	3	0	21.34	21.61	21.42						
1.4	16QAM	3	1	21.57	21.86	21.43						
1.4	16QAM	3	3	21.52	21.73	21.39						
1.4	16QAM	6	0	20.49	20.63	20.18	22	2				
1.4	64QAM	1	0	20.69	20.84	20.60						
1.4	64QAM	1	3	20.23	20.96	21.03						
1.4	64QAM	1	5	20.23	20.88	20.18						
1.4	64QAM	3	0	20.61	20.79	20.48	22	2				
1.4	64QAM	3	1	20.63	20.50	20.44						
1.4	64QAM	3	3	20.55	20.79	20.31						
1.4	64QAM	6	0	19.26	19.61	19.14						

Band 41 (2.6G Band)										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				40140	40400	40670	41140	24	0	
Frequency (MHz)				2545	2571	2598	2645			
20	QPSK	1	0	23.20	23.09	23.05	22.92			
20	QPSK	1	49	23.52	23.36	23.19	23.18			
20	QPSK	1	99	23.43	23.33	23.08	23.17	23	1	
20	QPSK	50	0	22.42	22.37	22.18	22.09			
20	QPSK	50	24	22.47	22.46	22.20	22.10			
20	QPSK	50	50	22.45	22.44	22.00	22.06			
20	QPSK	100	0	22.51	22.46	22.08	22.06	23	1	
20	16QAM	1	0	21.89	21.88	21.62	21.41			
20	16QAM	1	49	22.21	22.24	22.06	21.73			
20	16QAM	1	99	22.21	22.30	21.97	21.51			
20	16QAM	50	0	21.58	21.30	21.00	21.06	22	2	
20	16QAM	50	24	21.52	21.26	21.12	21.08			
20	16QAM	50	50	21.43	21.48	21.14	21.08			
20	16QAM	100	0	21.39	21.38	21.12	21.07			
20	64QAM	1	0	20.83	20.83	20.56	20.29	22	2	
20	64QAM	1	49	20.78	20.99	20.69	20.40			
20	64QAM	1	99	20.74	20.95	20.51	20.29			
20	64QAM	50	0	20.51	20.38	20.28	20.10			
20	64QAM	50	24	20.58	20.46	20.21	20.22	21	3	
20	64QAM	50	50	20.48	20.53	20.12	20.12			
20	64QAM	100	0	20.66	20.56	20.21	20.02			
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5	24	0	
15	QPSK	1	0	23.33	23.25	23.00	22.94			
15	QPSK	1	37	23.46	23.37	23.25	23.16			
15	QPSK	1	74	23.35	23.45	22.94	23.01	23	1	
15	QPSK	36	0	22.38	22.29	22.19	22.11			
15	QPSK	36	20	22.43	22.31	22.17	22.01			
15	QPSK	36	39	22.56	22.43	22.13	22.02			
15	QPSK	75	0	22.47	22.29	22.13	22.28	23	1	
15	16QAM	1	0	22.27	21.93	21.65	21.94			
15	16QAM	1	37	22.28	22.24	22.09	22.05			
15	16QAM	1	74	22.25	22.07	21.63	22.19			
15	16QAM	36	0	21.24	21.26	21.14	20.95	22	2	
15	16QAM	36	20	21.33	21.39	21.04	21.05			
15	16QAM	36	39	21.49	21.36	21.02	20.81			
15	16QAM	75	0	21.45	21.45	21.16	21.11			
15	64QAM	1	0	20.85	20.89	20.59	20.53	22	2	
15	64QAM	1	37	21.18	21.13	21.12	21.06			
15	64QAM	1	74	20.96	21.00	20.54	21.01			
15	64QAM	36	0	20.44	20.49	20.27	20.13			
15	64QAM	36	20	20.42	20.52	20.17	20.14	21	3	
15	64QAM	36	39	20.58	20.45	20.14	20.17			
15	64QAM	75	0	20.64	20.44	20.24	20.17			
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2540	2570	2600	2650	24	0	
10	QPSK	1	0	23.27	23.16	22.89	22.85			
10	QPSK	1	25	23.49	23.31	23.18	23.08			
10	QPSK	1	49	23.50	23.25	22.93	23.06	23	1	
10	QPSK	25	0	22.38	22.36	22.16	22.02			
10	QPSK	25	12	22.39	22.39	22.17	22.11			
10	QPSK	25	25	22.51	22.33	22.15	22.03			
10	QPSK	50	0	22.50	22.35	22.20	22.16	23	1	
10	16QAM	1	0	21.92	21.74	21.76	21.65			
10	16QAM	1	25	22.04	21.90	21.93	21.82			
10	16QAM	1	49	22.06	21.91	21.58	21.30			
10	16QAM	25	0	21.64	21.31	21.07	20.90	22	2	
10	16QAM	25	12	21.47	21.53	21.39	20.91			
10	16QAM	25	25	21.70	21.55	21.36	20.85			
10	16QAM	50	0	21.47	21.39	21.12	21.00			
10	64QAM	1	0	20.81	20.81	20.60	20.45	22	2	
10	64QAM	1	25	20.92	20.88	20.64	21.09			
10	64QAM	1	49	20.97	21.04	20.51	21.08			
10	64QAM	25	0	20.72	20.42	20.20	20.08			
10	64QAM	25	12	20.45	20.65	20.42	20.10	21	3	
10	64QAM	25	25	20.70	20.39	20.39	19.94			
10	64QAM	50	0	20.53	20.38	20.12	20.34			
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	24	0	
5	QPSK	1	0	23.14	23.13	22.76	22.70			
5	QPSK	1	12	23.43	23.34	23.21	23.11			
5	QPSK	1	24	23.24	23.15	22.75	23.08	23	1	
5	QPSK	12	0	22.33	22.27	21.94	22.09			
5	QPSK	12	7	22.49	22.40	21.97	21.98			
5	QPSK	12	13	22.36	22.26	22.00	22.07			
5	QPSK	25	0	22.33	22.28	22.03	22.03	23	1	
5	16QAM	1	0	21.87	21.67	21.90	21.57			
5	16QAM	1	12	21.98	21.94	21.95	21.91			
5	16QAM	1	24	21.97	21.78	21.57	21.40			
5	16QAM	12	0	21.45	21.18	20.93	20.86	22	2	
5	16QAM	12	7	21.50	21.49	21.14	20.90			
5	16QAM	12	13	21.48	21.33	21.08	21.03			
5	16QAM	25	0	21.63	21.53	21.16	21.15			
5	64QAM	1	0	20.76	20.55	20.36	20.39	22	2	
5	64QAM	1	12	20.96	20.99	20.89	20.92			
5	64QAM	1	24	20.87	20.77	20.42	20.90			
5	64QAM	12	0	20.43	20.21	20.05	19.94			
5	64QAM	12	7	20.50	20.34	20.08	20.13	21	3	
5	64QAM	12	13	20.39	20.31	20.03	19.85			
5	64QAM	25	0	20.71	20.35	20.19	19.94			

WWAN Hotspot on Reduced Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	30.88	31.08	31.24	32.00	21.88	22.08	22.24	23.00
GSM 1 Tx slot	30.97	30.93	31.23	32.00	21.97	21.93	22.23	23.00
GPRS 1 Tx slot	29.25	29.06	29.35	30.50	23.25	23.06	23.35	24.50
GPRS 2 Tx slots	26.85	26.85	27.08	28.50	22.59	22.59	22.82	24.24
GPRS 4 Tx slots	24.53	24.62	24.76	26.50	21.53	21.62	21.76	23.50
EDGE 1 Tx slot	23.94	24.09	24.03	25.50	14.94	15.09	15.03	16.50
EDGE 2 Tx slots	22.01	22.08	22.10	23.50	16.01	16.08	16.10	17.50
EDGE 3 Tx slots	19.73	19.78	19.82	21.50	15.47	15.52	15.56	17.24
EDGE 4 Tx slots	17.52	17.60	17.68	19.50	14.52	14.60	14.68	16.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	26.30	26.16	26.27	27.50	17.30	17.16	17.27	18.50
GSM 1 Tx slot	26.31	26.22	26.28	27.50	17.31	17.22	17.28	18.50
GPRS 1 Tx slot	25.16	25.34	25.32	26.50	19.16	19.34	19.32	20.50
GPRS 2 Tx slots	22.77	22.99	22.94	24.50	18.51	18.73	18.68	20.24
GPRS 4 Tx slots	20.58	20.77	20.74	22.50	17.58	17.77	17.74	19.50
EDGE 1 Tx slot	22.15	22.28	22.42	23.50	13.15	13.28	13.42	14.50
EDGE 2 Tx slots	21.01	21.20	21.24	22.50	15.01	15.20	15.24	16.50
EDGE 3 Tx slots	18.92	19.04	19.06	20.50	14.66	14.78	14.80	16.24
EDGE 4 Tx slots	16.81	16.93	16.81	18.50	13.81	13.93	13.81	15.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
TX Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6	20.00	1712.4	1732.6	1752.6	18.00	426.4	436.4	446.6	23.00
3GPP Rel 99	18.58	18.72	18.70	20.00	16.68	16.66	16.75	18.00	21.84	21.86	21.81	23.00
3GPP Rel 99	18.62	18.74	18.76	20.00	16.74	16.77	16.81	18.00	21.85	21.99	21.82	23.00
3GPP Rel 6	17.58	17.66	17.74	19.00	15.76	15.75	15.68	17.00	20.73	20.74	20.83	22.00
3GPP Rel 6	17.55	17.68	17.74	19.00	15.81	15.80	15.72	17.00	20.71	20.73	20.71	22.00
3GPP Rel 6	17.13	17.16	17.21	18.50	15.30	15.40	15.29	16.50	20.21	20.23	20.23	21.50
3GPP Rel 6	17.12	17.26	17.31	18.50	15.31	15.41	15.31	16.50	20.30	20.32	20.31	21.50
3GPP Rel 6	17.60	17.68	17.70	19.00	15.74	15.68	15.83	17.00	21.57	21.48	21.13	22.00
3GPP Rel 8	17.51	17.69	17.77	19.00	15.69	15.77	15.68	17.00	21.65	21.41	21.31	22.00
3GPP Rel 8	17.07	17.23	17.35	18.50	15.24	15.20	15.26	16.50	21.17	20.92	20.76	21.50
3GPP Rel 8	17.17	17.32	17.35	18.50	15.18	15.22	15.32	16.50	21.04	21.04	20.79	21.50
3GPP Rel 6	17.67	17.67	17.74	19.50	15.34	15.42	15.33	16.50	20.51	20.85	20.72	21.50
3GPP Rel 6	15.58	15.67	15.72	16.50	13.61	13.67	13.37	14.50	18.67	18.71	18.71	19.50
3GPP Rel 6	16.71	16.72	16.77	17.50	14.38	14.51	14.38	15.50	19.68	19.71	19.70	20.50
3GPP Rel 6	15.19	15.65	15.59	16.50	13.77	13.66	13.54	14.50	18.75	18.80	18.69	19.50
3GPP Rel 6	17.60	17.60	17.70	18.50	15.70	15.80	15.70	16.50	20.60	20.70	20.70	21.50

Band 2 (1900MHz Band) Part 24E									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 18700	Power Middle Ch. Freq. 18800	Power High Ch. Freq. 19100	Tune-up limit (dBm)	MPR (dB)	
Channel				18600	18800	19000			
Frequency (MHz)									
20	QPSK	1	0	19.29	19.30	19.23	20.5	0	
20	QPSK	1	49	19.48	19.52	19.37			
20	QPSK	1	99	19.23	19.25	19.15			
20	QPSK	50	0	19.42	19.43	19.32	20.5	0	
20	QPSK	50	24	19.36	19.38	19.24			
20	QPSK	50	50	19.33	19.38	19.26			
20	QPSK	100	0	19.40	19.42	19.40	20.5	0	
20	16QAM	1	0	18.90	19.31	19.04			
20	16QAM	1	49	18.90	19.37	18.93			
20	16QAM	1	99	18.84	19.01	18.90	20.5	0	
20	16QAM	50	0	19.38	19.47	19.50			
20	16QAM	50	24	19.36	19.34	19.51			
20	16QAM	50	50	19.23	19.31	19.44	20.5	0	
20	16QAM	100	0	19.22	19.33	19.34			
20	64QAM	1	0	19.35	19.45	19.35			
20	64QAM	1	49	19.23	19.39	19.24	20.5	0	
20	64QAM	1	99	19.02	19.03	19.28			
20	64QAM	50	0	19.31	19.44	19.37			
20	64QAM	50	24	19.23	19.45	19.42	20.5	0	
20	64QAM	50	50	19.28	19.49	19.38			
20	64QAM	100	0	19.36	19.44	19.45			
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	18.87	18.75	18.89	20.5	0	
15	QPSK	1	37	19.10	18.91	18.87			
15	QPSK	1	74	18.91	18.80	18.72			
15	QPSK	36	0	19.09	18.97	18.86	20.5	0	
15	QPSK	36	20	18.83	18.93	18.92			
15	QPSK	36	39	18.86	18.80	18.91			
15	QPSK	75	0	19.01	19.01	18.95	20.5	0	
15	16QAM	1	0	18.50	18.95	18.72			
15	16QAM	1	37	18.51	18.97	18.53			
15	16QAM	1	74	18.58	18.53	18.54	20.5	0	
15	16QAM	36	0	18.93	19.05	19.07			
15	16QAM	36	20	19.06	18.88	19.13			
15	16QAM	36	39	18.85	18.93	18.99	20.5	0	
15	16QAM	75	0	18.73	19.03	18.89			
15	64QAM	1	0	19.05	19.15	19.00			
15	64QAM	1	37	18.75	19.05	18.92	20.5	0	
15	64QAM	1	74	18.59	18.72	18.94			
15	64QAM	36	0	18.85	19.01	18.94			
15	64QAM	36	20	18.89	19.03	19.02	20.5	0	
15	64QAM	36	39	18.89	19.17	19.02			
15	64QAM	75	0	18.89	18.97	19.03			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	18.84	18.67	18.88	20.5	0	
10	QPSK	1	25	19.03	18.92	18.80			
10	QPSK	1	49	18.90	18.93	18.85			
10	QPSK	25	0	19.10	18.98	18.98	20.5	0	
10	QPSK	25	12	18.88	18.93	18.79			
10	QPSK	25	25	19.03	18.96	18.78			
10	QPSK	50	0	19.03	19.01	18.97	20.5	0	
10	16QAM	1	0	18.57	18.85	18.68			
10	16QAM	1	25	18.59	18.97	18.56			
10	16QAM	1	49	18.59	18.95	18.57	20.5	0	
10	16QAM	25	0	19.05	18.97	19.01			
10	16QAM	25	12	19.04	18.85	19.03			
10	16QAM	25	25	18.83	18.97	19.03	20.5	0	
10	16QAM	50	0	18.72	18.89	18.97			
10	64QAM	1	0	19.04	18.95	18.86			
10	64QAM	1	25	18.73	19.04	18.94	20.5	0	
10	64QAM	1	49	18.62	18.94	18.81			
10	64QAM	25	0	18.97	19.02	18.91			
10	64QAM	25	12	18.80	19.01	18.99	20.5	0	
10	64QAM	25	25	18.91	19.19	18.96			
10	64QAM	50	0	18.94	18.98	19.14			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	18.94	18.71	18.83	20.5	0	
5	QPSK	1	12	19.20	18.98	18.82			
5	QPSK	1	24	18.87	18.78	18.83			
5	QPSK	12	0	18.93	18.96	18.93	20.5	0	
5	QPSK	12	7	18.88	18.82	18.76			
5	QPSK	12	13	18.96	18.80	18.85			
5	QPSK	25	0	18.91	18.95	19.05	20.5	0	
5	16QAM	1	0	18.52	18.96	18.73			
5	16QAM	1	12	18.55	19.02	18.62			
5	16QAM	1	24	18.58	18.63	18.51	20.5	0	
5	16QAM	12	0	19.08	19.15	19.14			
5	16QAM	12	7	19.06	19.02	19.02			
5	16QAM	12	13	18.83	18.94	19.01	20.5	0	
5	16QAM	25	0	18.77	19.00	18.89			
5	64QAM	1	0	19.00	19.00	18.91			
5	64QAM	1	12	18.84	18.99	18.85	20.5	0	
5	64QAM	1	24	18.91	18.93	18.85			
5	64QAM	12	0	19.07	19.07	18.98			
5	64QAM	12	7	18.91	19.10	19.00	20.5	0	
5	64QAM	12	13	18.86	19.19	18.91			
5	64QAM	25	0	18.92	19.06	19.06			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	18.85	18.67	18.77	20.5	0	
3	QPSK	1	8	19.16	18.81	18.84			
3	QPSK	1	14	18.82	18.85	18.85			
3	QPSK	8	0	19.11	18.97	18.93	20.5	0	
3	QPSK	8	4	18.95	18.98	18.91			
3	QPSK	8	7	19.00	18.89	18.87			
3	QPSK	15	0	19.00	18.97	19.07	20.5	0	
3	16QAM	1	0	18.55	18.85	18.55			
3	16QAM	1	8	18.51	18.88	18.53			
3	16QAM	1	14	18.56	18.67	18.58	20.5	0	
3	16QAM	8	0	18.88	19.09	19.01			
3	16QAM	8	4	18.87	19.00	19.08			
3	16QAM	8	7	18.83	18.96	19.02	20.5	0	
3	16QAM	15	0	18.80	18.98	19.03			
3	64QAM	1	0	18.91	19.02	18.98			
3	64QAM	1	8	18.73	19.05	18.74	20.5	0	
3	64QAM	1	14	18.54	18.63	18.79			
3	64QAM	8	0	18.99	18.96	19.02			
3	64QAM	8	4	18.73	19.02	18.96	20.5	0	
3	64QAM	8	7	18.79	19.03	18.88			
3	64QAM	15	0	18.99	19.11	19.01			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	18.90	18.83	18.79	20.5	0	
1.4	QPSK	1	3	19.05	18.94	18.92			
1.4	QPSK	1	5	19.21	18.85	18.89			
1.4	QPSK	3	0	18.94	19.08	18.89	20.5	0	
1.4	QPSK	3	1	18.93	19.05	18.87			
1.4	QPSK	3	3	19.02	18.88	18.92			
1.4	QPSK	6	0	19.07	19.05	18.93	20.5	0	
1.4	16QAM	1	0	18.51	18.94	18.73			
1.4	16QAM	1	3	18.51	18.95	18.55			
1.4	16QAM	1	5	18.50	18.69	18.53	20.5	0	
1.4	16QAM	3	0	19.02	19.14	18.89			
1.4	16QAM	3	1	18.95	18.85	19.06			
1.4	16QAM	3	3	18.80	19.00	19.04	20.5	0	
1.4	16QAM	6	0	18.72	18.93	19.02			
1.4	64QAM	1	0	19.02	19.02	18.86			
1.4	64QAM	1	3	18.76	19.07	18.76	20.5	0	
1.4	64QAM	1	5	18.61	18.58	18.80			
1.4	64QAM	3	0	18.99	19.08	18.93			
1.4	64QAM	3	1	18.82	18.95	19.12	20.5	0	
1.4	64QAM	3	3	18.98	19.01	18.95			
1.4	64QAM	6	0	18.92	18.97	19.05			

Band 7 (2600MHz Band)									
Part 27									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20850	Power Middle Ch. Freq. 21100	Power High Ch. Freq. 21350	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2560			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	16.55	16.63	16.67	17.5	0	
20	QPSK	1	49	16.79	16.96	16.93			
20	QPSK	1	99	16.67	16.52	16.60			
20	QPSK	50	0	16.57	16.86	16.80	17.5	0	
20	QPSK	50	24	16.54	16.70	16.74			
20	QPSK	50	50	16.33	16.40	16.45			
20	QPSK	100	0	16.40	16.64	16.53	17.5	0	
20	16QAM	1	0	16.29	16.54	16.60			
20	16QAM	1	49	16.27	16.51	16.46			
20	16QAM	1	99	16.31	16.65	15.98	17.5	0	
20	16QAM	50	0	16.42	16.34	16.61			
20	16QAM	50	24	16.31	16.48	16.40			
20	16QAM	50	50	16.38	16.48	16.56	17.5	0	
20	16QAM	100	0	16.32	16.55	16.60			
20	64QAM	1	0	16.47	16.52	16.64			
20	64QAM	1	49	16.90	16.82	16.84	17.5	0	
20	64QAM	1	99	16.40	16.77	16.77			
20	64QAM	50	0	16.35	16.58	16.58			
20	64QAM	50	24	16.31	16.52	16.55	17.5	0	
20	64QAM	50	50	16.40	16.56	16.48			
20	64QAM	100	0	16.34	16.58	16.65			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	16.47	16.48	16.51	17.5	0	
15	QPSK	1	37	16.73	16.81	16.87			
15	QPSK	1	74	16.56	16.43	16.43			
15	QPSK	36	0	16.39	16.83	16.67	17.5	0	
15	QPSK	36	20	16.51	16.57	16.74			
15	QPSK	36	39	16.16	16.42	16.25			
15	QPSK	75	0	16.25	16.31	16.36	17.5	0	
15	16QAM	1	0	16.27	16.34	16.43			
15	16QAM	1	37	16.07	16.41	16.43			
15	16QAM	1	74	16.19	16.48	15.81	17.5	0	
15	16QAM	36	0	16.28	16.23	16.60			
15	16QAM	36	20	16.22	16.43	16.24			
15	16QAM	36	39	16.29	16.41	16.44	17.5	0	
15	16QAM	75	0	16.13	16.45	16.59			
15	64QAM	1	0	16.38	16.47	16.47			
15	64QAM	1	37	16.75	16.63	16.71	17.5	0	
15	64QAM	1	74	16.27	16.74	16.57			
15	64QAM	36	0	16.18	16.56	16.43			
15	64QAM	36	20	16.23	16.44	16.47	17.5	0	
15	64QAM	36	39	16.29	16.40	16.43			
15	64QAM	75	0	16.23	16.58	16.58			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	16.43	16.56	16.47	17.5	0	
10	QPSK	1	25	16.65	16.93	16.92			
10	QPSK	1	49	16.47	16.41	16.60			
10	QPSK	25	0	16.51	16.77	16.76	17.5	0	
10	QPSK	25	12	16.53	16.58	16.72			
10	QPSK	25	25	16.23	16.23	16.36			
10	QPSK	50	0	16.21	16.29	16.41	17.5	0	
10	16QAM	1	0	16.28	16.42	16.49			
10	16QAM	1	25	16.22	16.32	16.26			
10	16QAM	1	49	16.12	16.56	15.98	17.5	0	
10	16QAM	25	0	16.35	16.25	16.56			
10	16QAM	25	12	16.30	16.32	16.39			
10	16QAM	25	25	16.26	16.37	16.56	17.5	0	
10	16QAM	50	0	16.25	16.38	16.45			
10	64QAM	1	0	16.46	16.43	16.61			
10	64QAM	1	25	16.73	16.68	16.80	17.5	0	
10	64QAM	1	49	16.34	16.66	16.72			
10	64QAM	25	0	16.19	16.52	16.56			
10	64QAM	25	12	16.26	16.45	16.42	17.5	0	
10	64QAM	25	25	16.35	16.51	16.48			
10	64QAM	50	0	16.21	16.48	16.56			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	16.50	16.62	16.59	17.5	0	
5	QPSK	1	12	16.61	16.78	16.80			
5	QPSK	1	24	16.62	16.37	16.50			
5	QPSK	12	0	16.45	16.75	16.73	17.5	0	
5	QPSK	12	7	16.45	16.67	16.71			
5	QPSK	12	13	16.16	16.34	16.27			
5	QPSK	25	0	16.23	16.44	16.52	17.5	0	
5	16QAM	1	0	16.26	16.43	16.47			
5	16QAM	1	12	16.09	16.46	16.36			
5	16QAM	1	24	16.26	16.50	15.92	17.5	0	
5	16QAM	12	0	16.38	16.22	16.55			
5	16QAM	12	7	16.12	16.32	16.29			
5	16QAM	12	13	16.25	16.48	16.48	17.5	0	
5	16QAM	25	0	16.27	16.49	16.49			
5	64QAM	1	0	16.45	16.33	16.64			
5	64QAM	1	12	16.76	16.82	16.71	17.5	0	
5	64QAM	1	24	16.22	16.77	16.73			
5	64QAM	12	0	16.21	16.49	16.38			
5	64QAM	12	7	16.26	16.44	16.52	17.5	0	
5	64QAM	12	13	16.38	16.50	16.45			
5	64QAM	25	0	16.28	16.48	16.56			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 130702	Power Middle Ch. Freq. 133222	Power High Ch. Freq. 132572	Tune-up limit (dBm)	MPR (dB)	
Channel				1720	1745	1770			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.41	16.56	16.67	18	0	
20	QPSK	1	49	16.78	16.89	16.82			
20	QPSK	1	99	16.58	16.57	16.64			
20	QPSK	50	0	16.59	16.85	16.55	18	0	
20	QPSK	50	24	16.46	16.69	16.48			
20	QPSK	50	50	16.55	16.71	16.42			
20	QPSK	100	0	16.54	16.83	16.56	18	0	
20	16QAM	1	0	16.29	16.27	16.40			
20	16QAM	1	49	16.32	16.38	16.34			
20	16QAM	1	99	16.36	16.33	16.02	18	0	
20	16QAM	50	0	16.42	16.69	16.45			
20	16QAM	50	24	16.34	16.62	16.29			
20	16QAM	50	50	16.53	16.49	16.25	18	0	
20	16QAM	100	0	16.36	16.52	16.38			
20	64QAM	1	0	16.55	16.73	16.44			
20	64QAM	1	49	16.72	16.78	16.69	18	0	
20	64QAM	1	99	16.66	16.76	16.34			
20	64QAM	50	0	16.47	16.56	16.36			
20	64QAM	50	24	16.41	16.70	16.44	18	0	
20	64QAM	50	50	16.46	16.55	16.29			
20	64QAM	100	0	16.47	16.77	16.50			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	16.17	16.33	16.44	18	0	
15	QPSK	1	37	16.55	16.62	16.72			
15	QPSK	1	74	16.46	16.43	16.39			
15	QPSK	36	0	16.38	16.57	16.28	18	0	
15	QPSK	36	20	16.24	16.54	16.28			
15	QPSK	36	39	16.32	16.60	16.10			
15	QPSK	75	0	16.14	16.49	16.25	18	0	
15	16QAM	1	0	16.17	16.24	16.33			
15	16QAM	1	37	16.15	16.31	16.17			
15	16QAM	1	74	16.18	16.26	16.14	18	0	
15	16QAM	36	0	16.24	16.64	16.38			
15	16QAM	36	20	16.15	16.40	16.09			
15	16QAM	36	39	16.33	16.39	16.19	18	0	
15	16QAM	75	0	16.32	16.44	16.31			
15	64QAM	1	0	16.41	16.59	16.44			
15	64QAM	1	37	16.64	16.74	16.62	18	0	
15	64QAM	1	74	16.56	16.67	16.34			
15	64QAM	36	0	16.28	16.37	16.23			
15	64QAM	36	20	16.40	16.56	16.28	18	0	
15	64QAM	36	39	16.35	16.39	16.19			
15	64QAM	75	0	16.35	16.58	16.41			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1775			
10	QPSK	1	0	16.11	16.29	16.38	18	0	
10	QPSK	1	25	16.67	16.75	16.64			
10	QPSK	1	49	16.41	16.45	16.43			
10	QPSK	25	0	16.43	16.60	16.32	18	0	
10	QPSK	25	12	16.33	16.47	16.16			
10	QPSK	25	25	16.35	16.41	16.12			
10	QPSK	50	0	16.19	16.62	16.31	18	0	
10	16QAM	1	0	16.23	16.23	16.31			
10	16QAM	1	25	16.22	16.35	16.24			
10	16QAM	1	49	16.20	16.18	16.19	18	0	
10	16QAM	25	0	16.22	16.63	16.37			
10	16QAM	25	12	16.31	16.47	16.15			
10	16QAM	25	25	16.39	16.31	16.24	18	0	
10	16QAM	50	0	16.26	16.52	16.20			
10	64QAM	1	0	16.46	16.66	16.44			
10	64QAM	1	25	16.52	16.78	16.66	18	0	
10	64QAM	1	49	16.51	16.71	16.24			
10	64QAM	25	0	16.47	16.51	16.22			
10	64QAM	25	12	16.39	16.46	16.25	18	0	
10	64QAM	25	25	16.39	16.42	16.28			
10	64QAM	50	0	16.44	16.60	16.41			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	16.31	16.40	16.48	18	0	
5	QPSK	1	12	16.51	16.77	16.59			
5	QPSK	1	24	16.43	16.47	16.52			
5	QPSK	12	0	16.40	16.60	16.21	18	0	
5	QPSK	12	7	16.24	16.46	16.24			
5	QPSK	12	13	16.28	16.54	16.08			
5	QPSK	25	0	16.20	16.55	16.21	18	0	
5	16QAM	1	0	16.18	16.18	16.26			
5	16QAM	1	12	16.12	16.19	16.24			
5	16QAM	1	24	16.29	16.29	16.16	18	0	
5	16QAM	12	0	16.42	16.46	16.28			
5	16QAM	12	7	16.34	16.46	16.28			
5	16QAM	12	13	16.48	16.42	16.14	18	0	
5	16QAM	25	0	16.19	16.39	16.20			
5	64QAM	1	0	16.47	16.62	16.35			
5	64QAM	1	12	16.64	16.71	16.55	18	0	
5	64QAM	1	24	16.59	16.69	16.14			
5	64QAM	12	0	16.34	16.46	16.28			
5	64QAM	12	7	16.37	16.70	16.39	18	0	
5	64QAM	12	13	16.28	16.42	16.24			
5	64QAM	25	0	16.41	16.70	16.44			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	16.21	16.26	16.45	18	0	
3	QPSK	1	8	16.65	16.64	16.58			
3	QPSK	1	14	16.38	16.35	16.34			
3	QPSK	8	0	16.36	16.46	16.29	18	0	
3	QPSK	8	4	16.22	16.40	16.21			
3	QPSK	8	7	16.45	16.53	16.12			
3	QPSK	15	0	16.23	16.58	16.26	18	0	
3	16QAM	1	0	16.23	16.19	16.34			
3	16QAM	1	8	16.29	16.18	16.29			
3	16QAM	1	14	16.23	16.28	16.13	18	0	
3	16QAM	8	0	16.26	16.54	16.28			
3	16QAM	8	4	16.30	16.46	16.13			
3	16QAM	8	7	16.41	16.36	16.11	18	0	
3	16QAM	15	0	16.27	16.36	16.32			
3	64QAM	1	0	16.37	16.72	16.33			
3	64QAM	1	8	16.66	16.64	16.55	18	0	
3	64QAM	1	14	16.65	16.72	16.20			
3	64QAM	8	0	16.47	16.47	16.30			
3	64QAM	8	4	16.32	16.65	16.34	18	0	
3	64QAM	8	7	16.39	16.47	16.19			
3	64QAM	15	0	16.30	16.71	16.42			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	16.11	16.40	16.55	18	0	
1.4	QPSK	1	3	16.65	16.69	16.58			
1.4	QPSK	1	5	16.39	16.47	16.48			
1.4	QPSK	3	0	16.40	16.41	16.23	18	0	
1.4	QPSK	3	1	16.38	16.42	16.17			
1.4	QPSK	3	3	16.28	16.49	16.09			
1.4	QPSK	6	0	16.27	16.62	16.16	18	0	
1.4	16QAM	1	0	16.18	16.12	16.28			
1.4	16QAM	1	3	16.23	16.35	16.26			
1.4	16QAM	1	5	16.35	16.24	16.09	18	0	
1.4	16QAM	3	0	16.23	16.41	16.27			
1.4	16QAM	3	1	16.16	16.48	16.26			
1.4	16QAM	3	3	16.36	16.33	16.10	18	0	
1.4	16QAM	6	0	16.38	16.47	16.19			
1.4	64QAM	1	0	16.53	16.57	16.35			
1.4	64QAM	1	3	16.71	16.63	16.49	18	0	
1.4	64QAM	1	5	16.57	16.57	16.20			
1.4	64QAM	3	0	16.41	16.41	16.23			
1.4	64QAM	3	1	16.23	16.50	16.24	18	0	
1.4	64QAM	3	3	16.31	16.35	16.29			
1.4	64QAM	6	0	16.42	16.70	16.44			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	19	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	18.14	18.06	17.99	17.89		
20	QPSK	1	49	18.47	18.32	18.29	18.46		
20	QPSK	1	99	18.37	18.32	18.16	18.26	19	0
20	QPSK	50	0	18.41	18.12	18.10	18.01		
20	QPSK	50	24	18.45	18.23	18.27	18.29		
20	QPSK	50	50	18.29	18.11	17.90	17.67		
20	QPSK	100	0	18.40	18.28	17.79	17.80	19	0
20	16QAM	1	0	17.79	17.65	17.60	17.47		
20	16QAM	1	49	17.85	18.08	18.15	17.67		
20	16QAM	1	99	17.84	18.19	17.96	17.36		
20	16QAM	50	0	18.14	18.07	17.71	17.64	19	0
20	16QAM	50	24	18.28	18.01	17.84	17.77		
20	16QAM	50	50	18.18	18.00	17.65	17.57		
20	16QAM	100	0	18.31	18.00	17.81	17.82		
20	64QAM	1	0	17.44	17.48	17.23	17.73	19	0
20	64QAM	1	49	17.86	17.99	17.70	17.46		
20	64QAM	1	99	17.78	17.92	17.43	17.19		
20	64QAM	50	0	18.12	18.01	17.78	17.58		
20	64QAM	50	24	18.25	18.21	17.84	17.77	19	0
20	64QAM	50	50	18.26	18.24	17.80	17.74		
20	64QAM	100	0	18.24	18.30	17.96	17.94		
Channel				40115	40395	40685	41165	19	0
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	18.04	17.96	17.89	17.79		
15	QPSK	1	37	18.27	18.22	18.09	17.96		
15	QPSK	1	74	18.17	18.22	17.86	17.86	19	0
15	QPSK	36	0	18.11	18.22	18.00	17.91		
15	QPSK	36	20	18.35	18.03	18.17	17.99		
15	QPSK	36	39	18.19	18.01	17.80	17.57		
15	QPSK	75	0	18.10	18.18	17.69	17.70	19	0
15	16QAM	1	0	17.69	17.55	17.50	17.37		
15	16QAM	1	37	17.75	17.98	18.05	17.57		
15	16QAM	1	74	17.74	18.09	17.86	17.26		
15	16QAM	36	0	18.04	17.97	17.61	17.54	19	0
15	16QAM	36	20	18.18	17.91	17.74	17.67		
15	16QAM	36	39	18.08	17.90	17.55	17.47		
15	16QAM	75	0	18.21	17.90	17.71	17.72		
15	64QAM	1	0	17.34	17.38	17.13	17.73	19	0
15	64QAM	1	37	17.76	17.89	17.60	17.36		
15	64QAM	1	74	17.68	17.82	17.33	17.09		
15	64QAM	36	0	18.02	17.91	17.68	17.48		
15	64QAM	36	20	18.15	18.11	17.74	17.67	19	0
15	64QAM	36	39	18.16	18.14	17.70	17.64		
15	64QAM	75	0	18.14	18.20	17.86	17.84		
Channel				40090	40390	40690	41190	19	0
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	17.95	17.90	17.94	17.78		
10	QPSK	1	25	18.46	18.24	18.09	17.89		
10	QPSK	1	49	18.15	18.12	18.01	17.86	19	0
10	QPSK	25	0	18.04	18.15	17.96	17.83		
10	QPSK	25	12	18.25	18.04	18.16	17.89		
10	QPSK	25	25	18.06	18.12	17.74	17.60		
10	QPSK	50	0	18.02	18.06	17.61	17.72	19	0
10	16QAM	1	0	17.69	17.62	17.61	17.30		
10	16QAM	1	25	17.77	17.87	18.03	17.57		
10	16QAM	1	49	17.90	18.10	17.85	17.25		
10	16QAM	25	0	18.05	17.98	17.67	17.60	19	0
10	16QAM	25	12	18.05	17.98	17.62	17.63		
10	16QAM	25	25	18.03	17.88	17.56	17.41		
10	16QAM	50	0	18.14	17.99	17.75	17.57		
10	64QAM	1	0	17.33	17.33	17.11	17.72	19	0
10	64QAM	1	25	17.81	17.76	17.61	17.20		
10	64QAM	1	49	17.67	17.85	17.35	17.09		
10	64QAM	25	0	17.96	17.99	17.70	17.54		
10	64QAM	25	12	18.23	18.06	17.78	17.59	19	0
10	64QAM	25	25	18.15	18.05	17.71	17.67		
10	64QAM	50	0	18.16	18.10	17.86	17.69		
Channel				40065	40385	40705	41215	19	0
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	18.03	17.86	17.82	17.79		
5	QPSK	1	12	18.43	18.13	17.98	17.94		
5	QPSK	1	24	18.25	18.20	17.98	17.88	19	0
5	QPSK	12	0	18.03	18.15	17.91	17.85		
5	QPSK	12	7	18.25	18.01	18.19	17.94		
5	QPSK	12	13	18.01	18.07	17.69	17.67		
5	QPSK	25	0	18.18	18.11	17.77	17.67	19	0
5	16QAM	1	0	17.62	17.62	17.57	17.27		
5	16QAM	1	12	17.77	17.95	17.88	17.58		
5	16QAM	1	24	17.86	18.01	17.88	17.41		
5	16QAM	12	0	18.03	18.02	17.70	17.49	19	0
5	16QAM	12	7	18.14	18.03	17.76	17.65		
5	16QAM	12	13	18.00	18.07	17.60	17.56		
5	16QAM	25	0	18.13	18.06	17.66	17.71		
5	64QAM	1	0	17.37	17.29	17.08	17.76	19	0
5	64QAM	1	12	17.83	17.89	17.47	17.30		
5	64QAM	1	24	17.59	17.71	17.34	17.14		
5	64QAM	12	0	18.12	18.08	17.56	17.54		
5	64QAM	12	7	18.07	18.22	17.62	17.75	19	0
5	64QAM	12	13	18.10	18.19	17.64	17.65		
5	64QAM	25	0	18.07	18.07	17.83	17.66		

WWAN Sensor on Reduced Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	30.88	31.08	31.24	32.00	21.88	22.08	22.24	23.00
GSM 1 Tx slot	30.97	30.93	31.23	32.00	21.97	21.93	22.23	23.00
GPRS 1 Tx slot	29.25	29.06	29.35	30.50	23.25	23.06	23.35	24.50
GPRS 2 Tx slots	26.85	26.85	27.08	28.50	22.89	22.59	22.82	24.24
GPRS 3 Tx slots	24.53	24.62	24.76	26.50	21.53	21.62	21.76	23.50
GPRS 4 Tx slots	23.94	24.09	24.03	25.50	14.94	15.09	15.03	16.50
EDGE 1 Tx slot	22.01	22.08	22.10	23.50	16.01	16.08	16.10	17.50
EDGE 2 Tx slots	19.73	19.78	19.82	21.50	15.47	15.52	15.56	17.24
EDGE 3 Tx slots	17.52	17.60	17.68	19.50	14.52	14.60	14.68	16.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	881	810		512	881	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	27.63	27.86	27.57	29.00	18.63	18.86	18.57	20.00
GSM 1 Tx slot	27.65	27.93	27.53	29.00	18.65	18.93	18.53	20.00
GPRS 1 Tx slot	26.44	26.66	26.65	28.00	20.44	20.66	20.65	22.00
GPRS 2 Tx slots	24.03	24.26	24.30	26.00	19.77	20.00	20.04	21.74
GPRS 3 Tx slots	22.26	22.27	22.26	24.00	19.26	19.27	19.26	21.00
GPRS 4 Tx slots	23.55	23.66	23.72	25.00	14.55	14.66	14.72	16.00
EDGE 1 Tx slot	22.58	22.57	22.63	24.00	16.58	16.57	16.63	18.00
EDGE 2 Tx slots	20.34	20.36	20.44	22.00	16.08	16.10	16.18	17.74
EDGE 3 Tx slots	18.16	18.25	18.27	20.00	15.16	15.25	15.27	17.00

Band		WCDMA I			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
		TX Channel	9262	9400		9538	1312	1413		1513	4132	4182	
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	AMR 12.2Kbps	20.05	20.16	20.41	21.50	17.07	17.19	17.20	18.50	21.84	21.84	21.81	23.00
3GPP Rel 99	RMC 12.2Kbps	20.07	20.18	20.46	21.50	17.09	17.20	17.23	18.50	21.85	21.99	21.82	23.00
3GPP Rel 6	HSDPA Subtest-1	19.05	19.07	19.17	20.50	16.06	16.21	16.19	17.50	20.73	20.74	20.83	22.00
3GPP Rel 6	HSDPA Subtest-2	18.99	19.17	19.26	20.50	16.14	16.24	16.16	17.50	20.71	20.73	20.71	22.00
3GPP Rel 6	HSDPA Subtest-3	18.54	18.64	18.74	20.00	15.71	15.71	15.69	17.00	20.21	20.23	20.23	21.50
3GPP Rel 6	HSDPA Subtest-4	18.54	18.64	18.73	20.00	15.70	15.71	15.68	17.00	20.30	20.32	20.31	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.10	19.17	19.23	20.50	16.18	16.06	16.15	17.50	21.57	21.48	21.13	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.98	19.15	19.20	20.50	16.17	16.19	16.04	17.50	21.65	21.41	21.31	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.66	18.64	18.92	20.00	15.64	15.56	15.57	17.00	21.17	20.92	20.76	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.66	18.80	18.86	20.00	15.61	15.57	15.66	17.00	21.04	21.04	20.79	21.50
3GPP Rel 6	HSUPA Subtest-1	19.15	19.21	19.21	20.00	15.64	15.79	15.64	17.00	20.51	20.65	20.72	21.50
3GPP Rel 6	HSUPA Subtest-2	17.10	17.19	17.21	18.00	13.94	14.13	13.68	15.00	18.67	18.71	18.71	19.50
3GPP Rel 6	HSUPA Subtest-3	18.15	18.23	18.24	19.00	14.70	14.90	14.75	16.00	19.68	19.71	19.70	20.50
3GPP Rel 6	HSUPA Subtest-4	17.09	17.18	17.20	18.00	14.24	14.10	13.99	15.00	18.75	18.80	18.69	19.50
3GPP Rel 6	HSUPA Subtest-5	19.20	19.20	19.20	20.00	16.08	16.29	16.01	17.00	20.60	20.70	20.70	21.50



Band 2 (1900MHz Band)												
Part 24E												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700 18800 18900	Power Middle Ch. / Freq. 18900 19000 19100	Power High Ch. / Freq. 19100 19200 19300	Tune-up limit (dBm)	MPR (dB)				
Channel Frequency (MHz)												
20	QPSK	1	0	20.62	20.67	20.61	22	0				
20	QPSK	1	49	21.05	21.09	21.01						
20	QPSK	1	99	20.54	20.69	20.66						
20	QPSK	50	0	20.80	20.81	20.78	22	0				
20	QPSK	50	24	20.79	20.79	20.77						
20	QPSK	50	50	20.73	20.74	20.71						
20	QPSK	100	0	20.82	20.83	20.75	22	0				
20	16QAM	1	0	20.73	20.54	20.44						
20	16QAM	1	49	20.56	20.64	20.67						
20	16QAM	1	99	20.55	20.55	20.61	22	0				
20	16QAM	50	0	20.88	20.95	20.92						
20	16QAM	50	24	20.80	20.95	20.97						
20	16QAM	50	50	20.78	20.94	20.94	22	0				
20	16QAM	100	0	20.79	20.90	20.92						
20	64QAM	1	0	20.21	20.25	20.19						
20	64QAM	1	49	20.12	20.24	20.38	22	0				
20	64QAM	1	99	20.27	20.05	20.29						
20	64QAM	50	0	20.41	20.61	20.78						
20	64QAM	50	24	20.35	20.55	20.71	21	1				
20	64QAM	50	50	20.29	20.67	20.59						
20	64QAM	100	0	20.34	20.67	20.75						
Channel Frequency (MHz)												
18975 18900 19125												
15	QPSK	1	0	20.62	20.41	20.43	22	0				
15	QPSK	1	37	20.99	20.93	20.97						
15	QPSK	1	74	20.44	20.51	20.57						
15	QPSK	36	0	20.73	20.69	20.68	22	0				
15	QPSK	36	20	20.72	20.65	20.64						
15	QPSK	36	39	20.58	20.92	20.88						
15	QPSK	75	0	20.68	20.72	20.68	22	0				
15	16QAM	1	0	20.70	20.44	20.24						
15	16QAM	1	37	20.38	20.52	20.50						
15	16QAM	1	74	20.50	20.39	20.54	22	0				
15	16QAM	36	0	20.87	20.91	20.86						
15	16QAM	36	20	20.86	20.92	20.81						
15	16QAM	36	39	20.61	20.92	20.88	22	0				
15	16QAM	75	0	20.72	20.84	20.90						
15	64QAM	1	0	20.06	20.25	20.10						
15	64QAM	1	37	20.10	20.07	20.33	22	0				
15	64QAM	1	74	20.11	20.03	20.22						
15	64QAM	36	0	20.31	20.61	20.63						
15	64QAM	36	20	20.23	20.42	20.63	21	1				
15	64QAM	36	39	20.15	20.49	20.61						
15	64QAM	75	0	20.17	20.63	20.61						
Channel Frequency (MHz)												
18650 18600 19150												
10	QPSK	1	0	20.45	20.44	20.60	22	0				
10	QPSK	1	25	20.94	20.99	21.01						
10	QPSK	1	49	20.51	20.49	20.54						
10	QPSK	25	0	20.80	20.57	20.58	22	0				
10	QPSK	25	12	20.79	20.58	20.66						
10	QPSK	25	25	20.73	20.69	20.57						
10	QPSK	50	0	20.85	20.72	20.62	22	0				
10	16QAM	1	0	20.59	20.47	20.25						
10	16QAM	1	25	20.43	20.47	20.57						
10	16QAM	1	49	20.40	20.54	20.52	22	0				
10	16QAM	25	0	20.85	20.86	20.88						
10	16QAM	25	12	20.79	20.93	20.81						
10	16QAM	25	25	20.65	20.93	20.89	22	0				
10	16QAM	50	0	20.68	20.79	20.86						
10	64QAM	1	0	20.17	20.08	20.03						
10	64QAM	1	25	20.09	20.09	20.36	22	0				
10	64QAM	1	49	20.07	20.13	20.14						
10	64QAM	25	0	20.27	20.60	20.66						
10	64QAM	25	12	20.19	20.54	20.65	21	1				
10	64QAM	25	25	20.18	20.55	20.53						
10	64QAM	50	0	20.24	20.59	20.61						
Channel Frequency (MHz)												
18625 18600 19175												
5	QPSK	1	0	20.48	20.52	20.43	22	0				
5	QPSK	1	12	21.03	20.86	20.86						
5	QPSK	1	24	20.49	20.67	20.57						
5	QPSK	12	0	20.61	20.67	20.69	22	0				
5	QPSK	12	7	20.68	20.75	20.77						
5	QPSK	12	13	20.62	20.62	20.64						
5	QPSK	25	0	20.68	20.67	20.63	22	0				
5	16QAM	1	0	20.61	20.37	20.31						
5	16QAM	1	12	20.44	20.53	20.60						
5	16QAM	1	24	20.53	20.40	20.42	22	0				
5	16QAM	12	0	20.76	20.89	20.86						
5	16QAM	12	7	20.78	20.93	20.89						
5	16QAM	12	13	20.75	20.83	20.77	22	0				
5	16QAM	25	0	20.77	20.89	20.82						
5	64QAM	1	0	20.16	20.09	20.18						
5	64QAM	1	12	20.10	20.13	20.38	22	0				
5	64QAM	1	24	20.08	20.10	20.15						
5	64QAM	12	0	20.29	20.57	20.65						
5	64QAM	12	7	20.26	20.54	20.64	21	1				
5	64QAM	12	13	20.23	20.47	20.54						
5	64QAM	25	0	20.24	20.51	20.69						
Channel Frequency (MHz)												
18615 18600 19185												
3	QPSK	1	0	20.59	20.37	20.56	22	0				
3	QPSK	1	8	21.04	20.87	20.87						
3	QPSK	1	14	20.43	20.56	20.57						
3	QPSK	8	0	20.68	20.72	20.63	22	0				
3	QPSK	8	4	20.62	20.74	20.69						
3	QPSK	8	7	20.63	20.57	20.56						
3	QPSK	15	0	20.81	20.63	20.75	22	0				
3	16QAM	1	0	20.64	20.34	20.26						
3	16QAM	1	8	20.48	20.56	20.50						
3	16QAM	1	14	20.38	20.36	20.56	22	0				
3	16QAM	8	0	20.83	20.84	20.79						
3	16QAM	8	4	20.77	20.84	20.78						
3	16QAM	8	7	20.65	20.82	20.83	22	0				
3	16QAM	15	0	20.74	20.77	20.79						
3	64QAM	1	0	20.15	20.09	20.16						
3	64QAM	1	8	20.12	20.17	20.31	22	0				
3	64QAM	1	14	20.14	20.17	20.12						
3	64QAM	8	0	20.38	20.52	20.63						
3	64QAM	8	4	20.28	20.50	20.62	21	1				
3	64QAM	8	7	20.21	20.54	20.48						
3	64QAM	15	0	20.14	20.48	20.59						
Channel Frequency (MHz)												
18607 18600 19193												
1.4	QPSK	1	0	20.43	20.55	20.57	22	0				
1.4	QPSK	1	3	20.92	20.97	20.83						
1.4	QPSK	1	5	20.34	20.64	20.66						
1.4	QPSK	3	0	20.79	20.91	20.88	22	0				
1.4	QPSK	3	1	20.68	20.66	20.71						
1.4	QPSK	3	3	20.63	20.57	20.70						
1.4	QPSK	6	0	20.69	20.77	20.64	22	0				
1.4	16QAM	1	0	20.54	20.44	20.28						
1.4	16QAM	1	3	20.56	20.62	20.49						
1.4	16QAM	1	5	20.48	20.40	20.50	22	0				
1.4	16QAM	3	0	20.73	20.81	20.91						
1.4	16QAM	3	1	20.68	20.77	20.40						
1.4	16QAM	3	3	20.69	20.85	20.85	22	0				
1.4	16QAM	6	0	20.64	20.84	20.89						
1.4	64QAM	1	0	20.12	20.20	20.27						
1.4	64QAM	1	3	20.10	20.17	20.36	22	0				
1.4	64QAM	1	5	20.12	20.15	20.13						
1.4	64QAM	3	0	20.33	20.43	20.68						
1.4	64QAM	3	1	20.34	20.49	20.53	22	0				
1.4	64QAM	3	3	20.28	20.60	20.55						
1.4	64QAM	6	0	20.20	20.55	20.74						
1.4	64QAM	6	0	20.20	20.55	20.74	21	1				



Band 7 (2600MHz Band)									
Part 27									
BW [MHz]	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)				2540	2535	2540			
20	QPSK	1	0	18.60	18.73	18.81	19.5		0
20	QPSK	1	49	18.88	18.91	18.75			
20	QPSK	1	99	18.85	18.81	18.74			
20	QPSK	50	0	18.78	18.82	18.76			
20	QPSK	50	24	18.77	18.68	18.75	19.5	0	0
20	QPSK	50	50	18.72	18.72	18.72			
20	QPSK	100	0	18.85	18.86	18.82			
20	16QAM	1	0	18.57	18.53	18.62			
20	16QAM	1	49	18.40	18.40	18.68	19.5	0	0
20	16QAM	1	99	18.59	18.54	18.73			
20	16QAM	50	0	18.52	18.79	18.80			
20	16QAM	50	24	18.54	18.75	18.86			
20	16QAM	50	50	18.68	18.87	18.84	19.5	0	0
20	16QAM	100	0	18.51	18.74	18.73			
20	64QAM	1	0	18.46	18.57	18.70			
20	64QAM	1	49	18.66	18.78	18.73	19.5	0	0
20	64QAM	1	99	18.50	18.73	18.74			
20	64QAM	50	0	18.67	18.72	18.81			
20	64QAM	50	24	18.62	18.85	18.69			
20	64QAM	50	50	18.65	18.71	18.77	19.5	0	0
20	64QAM	100	0	18.70	18.70	18.62			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507	2535	2562.5			
15	QPSK	1	0	18.57	18.62	18.45	19.5	0	0
15	QPSK	1	37	18.86	18.53	18.53			
15	QPSK	1	74	18.78	18.79	18.56			
15	QPSK	36	0	18.73	18.73	18.77			
15	QPSK	36	20	18.64	18.66	18.57	19.5	0	0
15	QPSK	36	39	18.73	18.71	18.77			
15	QPSK	75	0	18.65	18.67	18.66			
15	16QAM	1	0	18.38	18.41	18.51			
15	16QAM	1	37	18.31	18.55	18.50	19.5	0	0
15	16QAM	1	74	18.51	18.35	18.57			
15	16QAM	36	0	18.48	18.72	18.60			
15	16QAM	36	20	18.47	18.71	18.77			
15	16QAM	36	39	18.54	18.86	18.78	19.5	0	0
15	16QAM	75	0	18.38	18.72	18.55			
15	64QAM	1	0	18.33	18.57	18.69			
15	64QAM	1	37	18.63	18.67	18.73	19.5	0	0
15	64QAM	1	74	18.37	18.67	18.67			
15	64QAM	36	0	18.53	18.58	18.67			
15	64QAM	36	20	18.59	18.67	18.57			
15	64QAM	36	39	18.60	18.67	18.58	19.5	0	0
15	64QAM	75	0	18.56	18.53	18.45			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25005	2535	2565			
10	QPSK	1	0	18.48	18.67	18.42	19.5	0	0
10	QPSK	1	25	18.85	18.58	18.57			
10	QPSK	1	49	18.68	18.79	18.65			
10	QPSK	25	0	18.77	18.82	18.78			
10	QPSK	25	12	18.73	18.52	18.71	19.5	0	0
10	QPSK	25	25	18.65	18.52	18.65			
10	QPSK	50	0	18.85	18.75	18.72			
10	16QAM	1	0	18.41	18.51	18.59			
10	16QAM	1	25	18.36	18.56	18.68	19.5	0	0
10	16QAM	1	49	18.48	18.49	18.73			
10	16QAM	25	0	18.49	18.68	18.60			
10	16QAM	25	12	18.45	18.63	18.67			
10	16QAM	25	25	18.67	18.70	18.74	19.5	0	0
10	16QAM	50	0	18.31	18.62	18.67			
10	64QAM	1	0	18.38	18.43	18.59			
10	64QAM	1	25	18.47	18.65	18.66	19.5	0	0
10	64QAM	1	49	18.31	18.57	18.65			
10	64QAM	25	0	18.51	18.72	18.63			
10	64QAM	25	12	18.46	18.71	18.62			
10	64QAM	25	25	18.62	18.66	18.72	19.5	0	0
10	64QAM	50	0	18.62	18.58	18.45			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				25052.5	2535	2567.5			
5	QPSK	1	0	18.42	18.60	18.60	19.5	0	0
5	QPSK	1	12	18.84	18.59	18.58			
5	QPSK	1	24	18.84	18.79	18.56			
5	QPSK	12	0	18.68	18.75	18.84			
5	QPSK	12	7	18.58	18.58	18.55	19.5	0	0
5	QPSK	12	13	18.80	18.71	18.82			
5	QPSK	25	0	18.78	18.72	18.70			
5	16QAM	1	0	18.51	18.52	18.51			
5	16QAM	1	12	18.35	18.55	18.61	19.5	0	0
5	16QAM	1	24	18.47	18.42	18.67			
5	16QAM	12	0	18.45	18.64	18.65			
5	16QAM	12	7	18.39	18.70	18.70			
5	16QAM	12	13	18.55	18.77	18.64	19.5	0	0
5	16QAM	25	0	18.32	18.61	18.71			
5	64QAM	1	0	18.46	18.52	18.52			
5	64QAM	1	12	18.51	18.74	18.60	19.5	0	0
5	64QAM	1	24	18.43	18.66	18.69			
5	64QAM	12	0	18.66	18.67	18.63			
5	64QAM	12	7	18.53	18.67	18.64			
5	64QAM	12	13	18.53	18.54	18.64	19.5	0	0
5	64QAM	25	0	18.61	18.69	18.59			

Band 66									
BW [MHz]	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)				132072	132322	132572			
20	QPSK	1	0	17.63	17.72	17.65	19	0	0
20	QPSK	1	49	17.85	17.90	17.79			
20	QPSK	1	99	17.77	17.84	17.64			
20	QPSK	50	0	17.74	17.84	17.62			
20	QPSK	50	24	17.65	17.78	17.55	19	0	0
20	QPSK	50	50	17.71	17.72	17.46			
20	QPSK	100	0	17.77	17.78	17.78			
20	16QAM	1	0	17.42	17.58	17.44			
20	16QAM	1	49	17.34	17.47	17.27	19	0	0
20	16QAM	1	99	17.23	17.33	17.34			
20	16QAM	50	0	17.58	17.78	17.65			
20	16QAM	50	24	17.68	17.72	17.48			
20	16QAM	50	50	17.62	17.69	17.45	19	0	0
20	16QAM	100	0	17.77	17.78	17.78			
20	64QAM	1	0	17.27	17.27	17.21			
20	64QAM	1	49	17.55	17.37	17.44			
20	64QAM	1	99	17.39	17.34	17.73	19	0	0
20	64QAM	50	0	17.36	17.42	17.34			
20	64QAM	50	24	17.33	17.37	17.21			
20	64QAM	50	50	17.26	17.28	17.20			
20	64QAM	100	0	17.29	17.26	17.21			
Channel Frequency (MHz)				130347	132322	132597	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.17	17.45	17.72	19	0	0
15	QPSK	1	37	17.45	17.67	17.22			
15	QPSK	1	74	17.46	17.20	17.20			
15	QPSK	36	0	17.44	17.61	17.35			
15	QPSK	36	20	17.43	17.60	17.42	19	0	0
15	QPSK	36	39	17.44	17.52	17.35			
15	QPSK	75	0	17.43	17.55	17.44			
15	16QAM	1	0	17.30	17.44	17.28			
15	16QAM	1	37	17.25	17.47	17.20	19	0	0
15	16QAM	1	74	17.22	17.28	17.24			
15	16QAM	36	0	17.51	17.58	17.63			
15	16QAM	36	20	17.55	17.53	17.37			
15	16QAM	36	39	17.45	17.51	17.30	19	0	
15	16QAM	75	0	17.47	17.51	17.47	19	0	0
15	64QAM	1	0	17.27	17.20	17.24			
15	64QAM	1	37	17.54	17.32	17.41			
15	64QAM	1	74	17.24	17.25	17.59			
15	64QAM	36	0	17.32	17.38	17.62	19	0	0
15	64QAM	36	20	17.18	17.16	16.89			
15	64QAM	36	39	17.24	17.18	16.87			
15	64QAM	75	0	17.13	17.12	16.72			
Channel Frequency (MHz)				130022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.15	17.45	17.75	19	0	0
10	QPSK	1	25	17.26	17.50	17.26			
10	QPSK	1	49	17.40	17.31	17.37			
10	QPSK	25	0	17.45	17.45	17.45			
10	QPSK	25	12	17.36	17.55	17.40	19	0	0
10	QPSK	25	25	17.51	17.61	17.36			
10	QPSK	50	0	17.40	17.71	17.42			
10	16QAM	1	0	17.23	17.51	17.33			
10	16QAM	1	25	17.28	17.31	17.24	19	0	0
10	16QAM	1	49	17.24	17.50	17.33			
10	16QAM	25	0	17.41	17.60	17.30			
10	16QAM	25	12	17.50	17.67	17.40			
10	16QAM	25	25	17.43	17.66	17.27	19	0	0
10	16QAM	50	0	17.46	17.51	17.51			
10	64QAM	1	0	17.25	17.27	17.21			
10	64QAM	1	25	17.35	17.23	17.29			
10	64QAM	1	49	17.30	17.31	17.23	19	0	0
10	64QAM	25	0	17.27	17.31	17.23			
10	64QAM	25	12	17.15	17.18	16.92			
10	64QAM	25	25	17.16	17.10	16.77			
10	64QAM	50	0	17.28	17.23	16.73			
Channel Frequency (MHz)				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.12	17.45	17.77	19	0	0
5	QPSK	1	12	17.53	17.62	17.36			
5	QPSK	1	25	17.35	17.35	17.31			
5	QPSK	12	0	17.52	17.69	17.52			
5	QPSK	12	7	17.39	17.57	17.43	19	0	0
5	QPSK	12	13	17.59	17.44	17.26			
5	QPSK	25	0	17.45	17.59	17.28			
5	16QAM	1	0	17.37	17.44	17.36			
5	16QAM	1	12	17.27	17.27	17.30	19	0	0
5	16QAM	1	24	17.27	17.20	17.30			
5	16QAM	12	0	17.50	17.63	17.51			
5	16QAM	12	7	17.48	17.60	17.45			
5	16QAM	12	13	17.59	17.56	17.28	19	0	0
5	16QAM	25	0	17.41	17.61	17.37			
5	64QAM	1	0	17.27	17.24	17.20			
5	64QAM	1	12	17.54	17.41	17.42			
5	64QAM	1	24	17.26	17.32	17.54	19	0	0
5	64QAM	12	0	17.28	17.42	17.25			
5	64QAM	12	7	17.24	17.32	16.96			
5	64QAM	12	13	17.25	17.15	16.83			
5	64QAM	25	0	17.27	17.23	16.81			
Channel Frequency (MHz)				131957	132322	132657	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	17.12	17.37	17.28	19	0	0
3	QPSK	1	8	17.59	17.68	17.41			
3	QPSK	1	14	17.31	17.27	17.38			
3	QPSK	8	0	17.57	17.70	17.33			
3	QPSK	8	4	17.45	17.53	17.39	19	0	0
3	QPSK	8	7	17.58	17.58	17.21			
3	QPSK	15	0	17.57	17.44	17.43			
3	16QAM	1	0	17.36	17.47	17.37			
3	16QAM	1	8	17.28	17.45	17.24	19	0	0
3	16QAM	1	14	17.23	17.29	17.28			
3	16QAM	8	0	17.41	17.62	17.56			
3	16QAM	8	4	17.58	17.53	17.42			
3	16QAM	8	7	17.47	17.58	17.35	19	0	0
3	16QAM	15	0	17.36	17.44	17.26			
3	64QAM	1	0	17.25	17.26	17.25			
3	64QAM	1	8	17.42	17.30	17.41			
3	64QAM	1	14	17.33	17.32	17.60	19	0	0
3	64QAM	8	0	17.27	17.30	17.32			
3	64QAM	8	4	17.26	17.35	16.84			
3	64QAM	8	7	17.20	17.14	16.80			
3	64QAM	15	0	17.09	17.21	16.83			
Channel Frequency (MHz)				130177	132322	132685	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	17.21	17.45	17.39	19	0	0
1.4	QPSK	1	3	17.42	17.66	17.30			
1.4	QPSK	1	5	17.49	17.22	17.32			
1.4	QPSK	3	0	17.56	17.66	17.39			
1.4	QPSK	3	1	17.41	17.59	17.28	19	0	0
1.4	QPSK	3	4	17.44	17.44	17.28			
1.4	QPSK	6	0	17.54	17.60	17.35			
1.4	16QAM	1	0	17.32	17.46	17.41			
1.4	16QAM	1	3	17.21	17.33	17.31	19	0	0
1.4	16QAM	1	5	17.21	17.24	17.20			
1.4	16QAM	3	0	17.39	17.77	17.57			
1.4	16QAM	3	1	17.64	17.72	17.47			
1.4	16QAM	3	1	17.43	17.60	17.29	19	0	0
1.4	16QAM	6	0	17.48	17.65	17.47			
1.4	64QAM	1	0	17.29	17.25	17.29			
1.4	64QAM	1	3	17.41	17.21	17.25			
1.4	64QAM	1	5	17.34	17.29	17.64	19	0	0
1.4	64QAM	3	0	17.28	17.27	17.33			
1.4	64QAM	3	1	17.21	17.21	17.28			
1.4	64QAM	3	5	17.26	17.25	17.26			
1.4	64QAM	6	0	17.24	17.21	17.28	19	0	

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	18.67	18.57	18.39	18.33	19.5	0
20	QPSK	1	49	18.90	18.77	18.68	18.67		
20	QPSK	1	99	18.67	18.75	18.49	18.64		
20	QPSK	50	0	18.75	18.74	18.59	18.53		
20	QPSK	50	24	18.92	18.75	18.68	18.65	19.5	0
20	QPSK	50	50	18.66	18.65	18.55	18.52		
20	QPSK	100	0	18.81	18.69	18.50	18.47		
20	16QAM	1	0	18.38	18.38	18.22	18.22		
20	16QAM	1	49	18.65	18.38	18.48	18.21	19.5	0
20	16QAM	1	99	18.55	18.44	18.24	17.95		
20	16QAM	50	0	18.76	18.54	18.40	18.20		
20	16QAM	50	24	18.84	18.59	18.41	18.35		
20	16QAM	50	50	18.76	18.65	18.48	18.13	19.5	0
20	16QAM	100	0	18.72	18.61	18.43	18.29		
20	64QAM	1	0	18.26	18.31	18.03	17.82		
20	64QAM	1	49	18.26	18.42	18.13	17.90		
20	64QAM	1	99	18.06	18.38	17.99	17.72	19.5	0
20	64QAM	50	0	18.69	18.69	18.32	18.24		
20	64QAM	50	24	18.94	18.82	18.45	18.29		
20	64QAM	50	50	18.82	18.78	18.36	18.40		
20	64QAM	100	0	18.84	18.83	18.44	18.49		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	18.47	18.46	18.26	18.33	19.5	0
15	QPSK	1	37	18.83	18.63	18.48	18.66		
15	QPSK	1	74	18.60	18.58	18.49	18.59		
15	QPSK	36	0	18.61	18.71	18.39	18.40		
15	QPSK	36	20	18.80	18.69	18.51	18.54	19.5	0
15	QPSK	36	39	18.60	18.58	18.44	18.39		
15	QPSK	75	0	18.66	18.57	18.34	18.47		
15	16QAM	1	0	18.28	18.21	18.12	17.66		
15	16QAM	1	37	18.52	18.20	18.36	18.03	19.5	0
15	16QAM	1	74	18.41	18.44	18.20	17.78		
15	16QAM	36	0	18.61	18.52	18.39	18.09		
15	16QAM	36	20	18.73	18.41	18.25	18.35		
15	16QAM	36	39	18.70	18.61	18.30	17.93	19.5	0
15	16QAM	75	0	18.54	18.44	18.30	18.19		
15	64QAM	1	0	18.20	18.30	17.92	17.75		
15	64QAM	1	37	18.25	18.27	18.02	17.78		
15	64QAM	1	74	18.02	18.38	17.81	17.59	19.5	0
15	64QAM	36	0	18.56	18.61	18.24	18.24		
15	64QAM	36	20	18.83	18.80	18.43	18.20		
15	64QAM	36	39	18.72	18.60	18.16	18.28		
15	64QAM	75	0	18.66	18.72	18.36	18.49		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	18.59	18.38	18.29	18.17	19.5	0
10	QPSK	1	25	18.83	18.61	18.58	18.48		
10	QPSK	1	49	18.55	18.73	18.48	18.58		
10	QPSK	25	0	18.74	18.72	18.59	18.39		
10	QPSK	25	12	18.77	18.66	18.56	18.36	19.5	0
10	QPSK	25	25	18.53	18.63	18.45	18.52		
10	QPSK	50	0	18.68	18.54	18.46	18.36		
10	16QAM	1	0	18.28	18.22	18.03	17.82		
10	16QAM	1	25	18.52	18.32	18.42	18.19	19.5	0
10	16QAM	1	49	18.38	18.43	18.16	17.95		
10	16QAM	25	0	18.61	18.45	18.23	18.16		
10	16QAM	25	12	18.77	18.57	18.39	18.24		
10	16QAM	25	25	18.68	18.57	18.30	17.98	19.5	0
10	16QAM	50	0	18.70	18.58	18.29	18.26		
10	64QAM	1	0	18.17	18.28	17.88	17.77		
10	64QAM	1	25	18.21	18.39	18.05	17.90		
10	64QAM	1	49	17.89	18.34	17.96	17.65	19.5	
10	64QAM	25	0	18.49	18.49	18.21	18.17		
10	64QAM	25	12	18.87	18.71	18.34	18.22		
10	64QAM	25	25	18.72	18.62	18.17	18.29		
10	64QAM	50	0	18.77	18.69	18.30	18.40		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	18.58	18.37	18.38	18.15	19.5	0
5	QPSK	1	12	18.90	18.77	18.61	18.67		
5	QPSK	1	24	18.61	18.75	18.35	18.57		
5	QPSK	12	0	18.69	18.60	18.47	18.51		
5	QPSK	12	7	18.77	18.61	18.54	18.42	19.5	0
5	QPSK	12	13	18.54	18.51	18.50	18.36		
5	QPSK	25	0	18.70	18.60	18.30	18.33		
5	16QAM	1	0	18.34	18.21	18.13	17.82		
5	16QAM	1	12	18.62	18.32	18.35	18.10	19.5	0
5	16QAM	1	24	18.41	18.25	18.16	17.88		
5	16QAM	12	0	18.57	18.53	18.33	18.16		
5	16QAM	12	7	18.64	18.50	18.37	18.24		
5	16QAM	12	13	18.71	18.64	18.36	18.00	19.5	0
5	16QAM	25	0	18.64	18.44	18.24	18.12		
5	64QAM	1	0	18.12	18.24	17.90	17.82		
5	64QAM	1	12	18.09	18.32	18.00	17.89		
5	64QAM	1	24	18.03	18.31	17.87	17.71	19.5	0
5	64QAM	12	0	18.64	18.54	18.29	18.20		
5	64QAM	12	7	18.77	18.75	18.31	18.24		
5	64QAM	12	13	18.62	18.74	18.21	18.36		
5	64QAM	25	0	18.83	18.83	18.39	18.33		

WWAN Handheld on Reduced Power Mode

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1860	1909.8		1850.2	1860	1909.8	
Frequency (MHz)	28.83	28.96	29.00	30.00	19.83	19.96	20.00	21.00
GSM 1 Tx slot	28.90	28.84	28.92	30.00	19.90	19.84	19.92	21.00
GPRS 1 Tx slot	27.68	27.73	27.71	29.00	21.68	21.73	21.71	23.00
GPRS 2 Tx slots	25.77	25.77	25.68	27.00	21.51	21.51	21.42	22.74
GPRS 3 Tx slots	23.50	23.43	23.39	25.00	20.50	20.43	20.39	22.00
GPRS 4 Tx slots	24.78	24.67	24.59	26.00	15.78	15.67	15.59	17.00
EDGE 1 Tx slot	23.54	23.58	23.73	25.00	17.54	17.58	17.73	19.00
EDGE 2 Tx slots	21.42	21.43	21.38	23.00	17.16	17.17	17.12	18.74
EDGE 3 Tx slots	19.33	19.27	19.14	21.00	16.33	16.27	16.14	18.00
EDGE 4 Tx slots								

	Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			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	AMR 12.2Kbps	21.00	21.10	21.19	22.50	19.65	19.74	19.78	21.00
3GPP Rel 99	RMC 12.2Kbps	21.06	21.13	21.26	22.50	19.68	19.76	19.80	21.00
3GPP Rel 6	HSDPA Subtest-1	20.04	20.20	20.27	21.50	18.55	18.69	18.57	20.00
3GPP Rel 6	HSDPA Subtest-2	20.14	20.20	20.25	21.50	18.63	18.76	18.66	20.00
3GPP Rel 6	HSDPA Subtest-3	19.63	19.69	19.73	21.00	18.15	18.23	18.14	19.50
3GPP Rel 6	HSDPA Subtest-4	19.62	19.69	19.73	21.00	18.14	18.23	18.14	19.50
3GPP Rel 6	DC-HSDPA Subtest-1	19.96	20.14	20.13	21.50	18.58	18.50	18.64	20.00
3GPP Rel 6	DC-HSDPA Subtest-2	19.93	20.07	20.12	21.50	18.63	18.57	18.66	20.00
3GPP Rel 6	DC-HSDPA Subtest-3	19.58	19.60	19.83	21.00	18.16	18.17	18.19	19.50
3GPP Rel 6	DC-HSDPA Subtest-4	19.59	19.72	19.79	21.00	17.99	18.11	18.15	19.50
3GPP Rel 6	HSUPA Subtest-1	20.15	20.14	20.20	21.00	18.73	18.69	18.58	19.50
3GPP Rel 6	HSUPA Subtest-2	18.10	18.14	18.29	19.00	16.65	16.70	16.64	17.50
3GPP Rel 6	HSUPA Subtest-3	19.16	19.18	19.21	20.00	17.71	17.76	17.68	18.50
3GPP Rel 6	HSUPA Subtest-4	18.10	18.12	18.26	19.00	16.70	16.78	16.60	17.50
3GPP Rel 6	HSUPA Subtest-5	20.10	20.20	20.30	21.00	18.60	18.70	18.60	19.50

Band 2 (1900MHz Band) Part 24E									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900			
Frequency (MHz)									
20	QPSK	1	0	20.91	20.88	20.81	22.5	0	
20	QPSK	1	49	21.41	21.50	21.26			
20	QPSK	1	99	21.00	20.94	20.76			
20	QPSK	50	0	21.26	21.27	21.24			
20	QPSK	50	24	21.16	21.14	21.13	22.5	0	
20	QPSK	50	50	21.20	21.16	21.08			
20	QPSK	100	0	21.19	21.20	21.19			
20	16QAM	1	0	20.92	21.24	20.91			
20	16QAM	1	49	20.96	20.69	21.31	22.5	0	
20	16QAM	1	99	20.70	20.93	20.60			
20	16QAM	50	0	20.50	20.72	20.66			
20	16QAM	50	24	20.55	20.69	20.72			
20	16QAM	50	50	20.48	20.46	20.78	22	0.5	
20	16QAM	100	0	20.43	20.68	20.64			
20	64QAM	1	0	20.60	20.78	20.56			
20	64QAM	1	49	20.41	20.56	21.04			
20	64QAM	1	99	20.28	20.89	20.60	22	0.5	
20	64QAM	50	0	19.53	19.66	19.82			
20	64QAM	50	24	19.46	19.66	19.67			
20	64QAM	50	50	19.59	19.58	19.63			
20	64QAM	100	0	19.60	19.76	19.61	21	1.5	
Channel				1867.5	18900	1912.5			
Frequency (MHz)									
15	QPSK	1	0	20.83	20.70	20.73	22.5	0	
15	QPSK	1	37	21.37	21.02	21.21			
15	QPSK	1	74	20.81	20.91	20.74			
15	QPSK	36	0	21.23	21.11	21.15			
15	QPSK	36	20	21.10	21.00	20.98	22.5	0	
15	QPSK	36	39	21.13	20.98	20.94			
15	QPSK	75	0	21.23	21.16	21.11			
15	16QAM	1	0	20.85	21.23	20.88			
15	16QAM	1	37	20.81	20.53	21.28	22.5	0	
15	16QAM	1	74	20.63	20.80	20.51			
15	16QAM	36	0	20.30	20.68	20.52			
15	16QAM	36	20	20.49	20.63	20.72			
15	16QAM	36	39	20.48	20.38	20.67	22	0.5	
15	16QAM	75	0	20.31	20.49	20.55			
15	64QAM	1	0	20.51	20.59	20.39			
15	64QAM	1	37	20.41	20.49	20.92			
15	64QAM	1	74	20.28	20.88	20.58	22	0.5	
15	64QAM	36	0	19.33	19.60	19.68			
15	64QAM	36	20	19.38	19.59	19.60			
15	64QAM	36	39	19.47	19.52	19.59			
15	64QAM	75	0	19.46	19.59	19.55	21	1.5	
Channel				18650	18900	19150			
Frequency (MHz)									
10	QPSK	1	0	20.89	20.83	20.68	22.5	0	
10	QPSK	1	25	21.25	20.92	21.25			
10	QPSK	1	49	20.82	20.90	20.61			
10	QPSK	25	0	21.19	21.17	21.07			
10	QPSK	25	12	21.11	21.11	21.03	22.5	0	
10	QPSK	25	25	21.02	21.12	21.06			
10	QPSK	50	0	21.08	21.14	21.11			
10	16QAM	1	0	20.75	21.13	20.74			
10	16QAM	1	25	20.78	20.59	21.30	22.5	0	
10	16QAM	1	49	20.54	20.89	20.52			
10	16QAM	25	0	20.44	20.61	20.58			
10	16QAM	25	12	20.43	20.63	20.63			
10	16QAM	25	25	20.35	20.26	20.66	22	0.5	
10	16QAM	50	0	20.30	20.61	20.51			
10	64QAM	1	0	20.43	20.73	20.51			
10	64QAM	1	25	20.34	20.53	20.88			
10	64QAM	1	49	20.08	20.78	20.43	22	0.5	
10	64QAM	25	0	19.52	19.52	19.82			
10	64QAM	25	12	19.40	19.51	19.59			
10	64QAM	25	25	19.53	19.46	19.53			
10	64QAM	50	0	19.54	19.61	19.60	21	1.5	
Channel				18625	18900	19175			
Frequency (MHz)									
5	QPSK	1	0	20.78	20.83	20.71	22.5	0	
5	QPSK	1	12	21.32	21.08	21.24			
5	QPSK	1	24	20.97	20.75	20.56			
5	QPSK	12	0	21.22	21.00	21.21			
5	QPSK	12	7	20.96	21.08	21.01	22.5	0	
5	QPSK	12	13	21.02	21.05	21.00			
5	QPSK	25	0	21.17	21.14	21.10			
5	16QAM	1	0	20.82	21.08	20.76			
5	16QAM	1	12	20.79	20.62	21.28	22.5	0	
5	16QAM	1	24	20.54	20.91	20.58			
5	16QAM	12	0	20.39	20.53	20.65			
5	16QAM	12	7	20.51	20.64	20.59			
5	16QAM	12	13	20.35	20.29	20.61	22	0.5	
5	16QAM	25	0	20.30	20.55	20.64			
5	64QAM	1	0	20.46	20.74	20.47			
5	64QAM	1	12	20.30	20.45	20.94			
5	64QAM	1	24	20.16	20.84	20.49	22	0.5	
5	64QAM	12	0	19.44	19.55	19.76			
5	64QAM	12	7	19.35	19.61	19.60			
5	64QAM	12	13	19.50	19.43	19.55			
5	64QAM	25	0	19.55	19.74	19.49	21	1.5	
Channel				18615	18900	19185			
Frequency (MHz)									
3	QPSK	1	0	20.89	20.85	20.76	22.5	0	
3	QPSK	1	8	21.22	21.04	21.09			
3	QPSK	1	14	20.91	20.93	20.65			
3	QPSK	8	0	21.20	21.08	21.23			
3	QPSK	8	4	20.98	21.03	20.98	22.5	0	
3	QPSK	8	7	21.17	21.04	21.02			
3	QPSK	15	0	21.22	21.12	21.02			
3	16QAM	1	0	20.73	21.22	20.88			
3	16QAM	1	8	20.94	20.64	21.31	22.5	0	
3	16QAM	1	14	20.50	20.93	20.71			
3	16QAM	8	0	20.48	20.72	20.52			
3	16QAM	8	4	20.38	20.56	20.65			
3	16QAM	8	7	20.31	20.42	20.76	22	0.5	
3	16QAM	15	0	20.29	20.55	20.52			
3	64QAM	1	0	20.52	20.74	20.51			
3	64QAM	1	8	20.26	20.52	20.84			
3	64QAM	1	14	20.20	20.83	20.42	22	0.5	
3	64QAM	8	0	19.36	19.57	19.73			
3	64QAM	8	4	19.39	19.56	19.53			
3	64QAM	8	7	19.54	19.57	19.43			
3	64QAM	15	0	19.45	19.73	19.43	21	1.5	
Channel				18607	18900	19193			
Frequency (MHz)									
1.4	QPSK	1	0	20.90	20.88	20.80	22.5	0	
1.4	QPSK	1	3	21.28	20.94	21.21			
1.4	QPSK	1	5	21.00	20.85	20.64			
1.4	QPSK	3	0	21.23	21.16	21.06			
1.4	QPSK	3	1	21.03	20.97	21.06	22.5	0	
1.4	QPSK	3	3	21.00	21.04	20.97			
1.4	QPSK	6	0	21.07	21.01	21.11			
1.4	16QAM	1	0	20.87	21.05	20.79			
1.4	16QAM	1	3	20.84	20.62	21.23	22.5	0	
1.4	16QAM	1	5	20.66	20.78	20.58			
1.4	16QAM	3	0	20.51	20.67	20.66			
1.4	16QAM	3	1	20.53	20.53	20.66			
1.4	16QAM	3	3	20.59	20.59	20.72	22	0.5	
1.4	16QAM	6	0	20.35	20.55	20.44			
1.4	64QAM	1	0	20.57	20.63	20.44			
1.4	64QAM	1	3	20.29	20.50	21.01			
1.4	64QAM	1	5	20.14	20.78	20.59	22	0.5	
1.4	64QAM	3	0	20.23	20.40	20.51			
1.4	64QAM	3	1	20.09	20.29	20.28			
1.4	64QAM	3	3	20.28	20.22	20.21			
1.4	64QAM	6	0	19.57	19.68	19.81	21	1.5	

Band 7 (2600MHz Band) Part 27									
BW [MHz]	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	19.41	19.67	19.32	20.5	0	
20	QPSK	1	49	19.88	19.90	19.57			
20	QPSK	1	99	19.53	19.27	19.40			
20	QPSK	50	0	19.76	19.80	19.78	20.5	0	
20	QPSK	50	24	19.72	19.70	19.63			
20	QPSK	50	50	19.40	19.67	19.59			
20	QPSK	100	0	19.25	19.73	19.69	20.5	0	
20	16QAM	1	0	19.21	18.87	19.47			
20	16QAM	1	49	19.46	19.48	19.11			
20	16QAM	1	99	18.91	19.54	19.51	20.5	0	
20	16QAM	50	0	19.43	19.50	19.62			
20	16QAM	50	24	19.41	19.50	19.49			
20	16QAM	50	50	19.22	19.38	19.53	20.5	0	
20	16QAM	100	0	19.30	19.52	19.51			
20	64QAM	1	0	19.35	19.34	19.66			
20	64QAM	1	49	19.66	19.81	19.87	20.5	0	
20	64QAM	1	99	19.27	19.65	19.76			
20	64QAM	50	0	19.32	19.57	19.47			
20	64QAM	50	24	19.38	19.52	19.55	20.5	0	
20	64QAM	50	50	19.23	19.48	19.47			
20	64QAM	100	0	19.39	19.49	19.59			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.39	19.17	19.19	20.5	0	
15	QPSK	1	37	19.69	19.68	19.16			
15	QPSK	1	74	19.51	19.18	19.40			
15	QPSK	36	0	19.54	19.47	19.37	20.5	0	
15	QPSK	36	20	19.49	19.47	19.40			
15	QPSK	36	39	19.05	19.37	19.22			
15	QPSK	75	0	19.20	19.49	19.34	20.5	0	
15	16QAM	1	0	19.05	18.77	19.35			
15	16QAM	1	37	19.43	19.48	18.97			
15	16QAM	1	74	18.80	19.49	19.44	20.5	0	
15	16QAM	36	0	19.29	19.38	19.51			
15	16QAM	36	20	19.24	19.47	19.47			
15	16QAM	36	39	19.20	19.33	19.49	20.5	0	
15	16QAM	75	0	19.26	19.45	19.50			
15	64QAM	1	0	19.22	19.21	19.66			
15	64QAM	1	37	19.56	19.73	19.81	20.5	0	
15	64QAM	1	74	19.55	19.64	19.60			
15	64QAM	36	0	19.13	19.41	19.45			
15	64QAM	36	20	19.27	19.43	19.42	20.5	0	
15	64QAM	36	39	19.05	19.30	19.36			
15	64QAM	75	0	19.33	19.42	19.54			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.40	19.02	19.18	20.5	0	
10	QPSK	1	25	19.85	19.69	19.22			
10	QPSK	1	49	19.47	19.17	19.32			
10	QPSK	25	0	19.35	19.37	19.42	20.5	0	
10	QPSK	25	12	19.40	19.36	19.33			
10	QPSK	25	25	19.18	19.45	19.33			
10	QPSK	50	0	19.17	19.36	19.49	20.5	0	
10	16QAM	1	0	19.12	18.79	19.38			
10	16QAM	1	25	19.27	19.41	18.97			
10	16QAM	1	49	18.82	19.49	19.41	20.5	0	
10	16QAM	25	0	19.41	19.35	19.53			
10	16QAM	25	12	19.29	19.38	19.42			
10	16QAM	25	25	19.03	19.34	19.46	20.5	0	
10	16QAM	50	0	19.21	19.37	19.50			
10	64QAM	1	0	19.25	19.31	19.47			
10	64QAM	1	25	19.65	19.79	19.81	20.5	0	
10	64QAM	1	49	19.40	19.48	19.65			
10	64QAM	25	0	19.15	19.50	19.36			
10	64QAM	25	12	19.38	19.35	19.45	20.5	0	
10	64QAM	25	25	19.05	19.46	19.40			
10	64QAM	50	0	19.27	19.39	19.57			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.29	18.97	19.21	20.5	0	
5	QPSK	1	12	19.68	19.81	19.15			
5	QPSK	1	24	19.38	19.11	19.30			
5	QPSK	12	0	19.52	19.33	19.43	20.5	0	
5	QPSK	12	7	19.44	19.45	19.43			
5	QPSK	12	13	19.15	19.39	19.25			
5	QPSK	25	0	19.21	19.39	19.32	20.5	0	
5	16QAM	1	0	19.05	18.72	19.35			
5	16QAM	1	12	19.36	19.44	18.95			
5	16QAM	1	24	18.89	19.38	19.33	20.5	0	
5	16QAM	12	0	19.40	19.40	19.43			
5	16QAM	12	7	19.41	19.41	19.44			
5	16QAM	12	13	19.07	19.37	19.35	20.5	0	
5	16QAM	25	0	19.13	19.46	19.51			
5	64QAM	1	0	19.23	19.34	19.51			
5	64QAM	1	12	19.58	19.80	19.78	20.5	0	
5	64QAM	1	24	19.37	19.61	19.59			
5	64QAM	12	0	19.26	19.44	19.40			
5	64QAM	12	7	19.27	19.46	19.44	20.5	0	
5	64QAM	12	13	19.17	19.47	19.27			
5	64QAM	25	0	19.38	19.32	19.42			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132012	132322	132512			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.30	19.57	19.25	21	0	
20	QPSK	1	49	19.47	19.84	19.59			
20	QPSK	1	99	19.41	19.48	19.47			
20	QPSK	50	0	19.58	19.83	19.57	21	0	
20	QPSK	50	24	19.52	19.81	19.49			
20	QPSK	50	50	19.54	19.74	19.41			
20	QPSK	100	0	19.51	19.75	19.55	21	0	
20	16QAM	1	0	19.21	19.14	19.19			
20	16QAM	1	49	19.11	19.13	19.05			
20	16QAM	1	99	19.18	19.09	19.17	21	0	
20	16QAM	50	0	19.33	19.43	19.16			
20	16QAM	50	24	19.23	19.40	19.12			
20	16QAM	50	50	19.28	19.34	19.07	21	0	
20	16QAM	100	0	19.03	19.38	19.12			
20	64QAM	1	0	19.07	19.69	19.80			
20	64QAM	1	49	19.75	19.47	19.70	21	0	
20	64QAM	1	99	19.62	19.18	19.17			
20	64QAM	50	0	19.15	19.52	19.18			
20	64QAM	50	24	19.14	19.51	19.23	21	0	
20	64QAM	50	50	19.23	19.24	19.19			
20	64QAM	100	0	19.11	19.33	19.20			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	19.16	19.57	19.05	21	0	
15	QPSK	1	37	19.38	19.70	19.58			
15	QPSK	1	74	19.29	19.30	19.38			
15	QPSK	36	0	19.51	19.75	19.46	21	0	
15	QPSK	36	20	19.37	19.74	19.41			
15	QPSK	36	39	19.43	19.60	19.36			
15	QPSK	75	0	19.42	19.61	19.51	21	0	
15	16QAM	1	0	19.10	19.39	19.08			
15	16QAM	1	37	19.10	19.13	19.35			
15	16QAM	1	74	19.05	19.30	19.03	21	0	
15	16QAM	36	0	19.16	19.30	19.38			
15	16QAM	36	20	19.07	19.27	19.38			
15	16QAM	36	39	19.15	19.26	19.30	21	0	
15	16QAM	75	0	19.23	19.24	19.35			
15	64QAM	1	0	19.35	19.68	19.63			
15	64QAM	1	37	19.60	19.28	19.50	21	0	
15	64QAM	1	74	19.58	19.16	19.00			
15	64QAM	36	0	19.09	19.44	19.00			
15	64QAM	36	20	19.08	19.37	19.08	21	0	
15	64QAM	36	39	19.13	19.21	19.10			
15	64QAM	75	0	19.08	19.18	19.10			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	19.14	19.38	19.20	21	0	
10	QPSK	1	25	19.43	19.77	19.53			
10	QPSK	1	49	19.27	19.43	19.36			
10	QPSK	25	0	19.49	19.72	19.54	21	0	
10	QPSK	25	12	19.44	19.79	19.44			
10	QPSK	25	25	19.37	19.65	19.26			
10	QPSK	50	0	19.45	19.69	19.37	21	0	
10	16QAM	1	0	19.03	19.02	19.11			
10	16QAM	1	25	19.33	19.08	19.35			
10	16QAM	1	49	19.10	19.34	19.17	21	0	
10	16QAM	25	0	19.22	19.33	19.06			
10	16QAM	25	12	19.17	19.37	19.00			
10	16QAM	25	25	19.26	19.33	19.34	21	0	
10	16QAM	50	0	19.36	19.19	19.11			
10	64QAM	1	0	19.32	19.50	19.69			
10	64QAM	1	25	19.67	19.31	19.59	21	0	
10	64QAM	1	49	19.58	19.01	19.13			
10	64QAM	25	0	19.14	19.34	19.01			
10	64QAM	25	12	19.11	19.39	19.08	21	0	
10	64QAM	25	25	19.04	19.06	19.18			
10	64QAM	50	0	19.03	19.27	19.02			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	19.10	19.41	19.24	21	0	
5	QPSK	1	12	19.29	19.64	19.41			
5	QPSK	1	24	19.22	19.47	19.36			
5	QPSK	12	0	19.44	19.74	19.37	21	0	
5	QPSK	12	7	19.39	19.68	19.46			
5	QPSK	12	13	19.41	19.55	19.24			
5	QPSK	25	0	19.37	19.61	19.39	21	0	
5	16QAM	1	0	19.19	19.06	19.19			
5	16QAM	1	12	19.01	19.07	19.30			
5	16QAM	1	24	19.00	19.09	19.01	21	0	
5	16QAM	12	0	19.19	19.37	19.16			
5	16QAM	12	7	19.04	19.37	19.33			
5	16QAM	12	13	19.25	19.17	19.35	21	0	
5	16QAM	25	0	19.31	19.23	19.00			
5	64QAM	1	0	19.04	19.58	19.73			
5	64QAM	1	12	19.63	19.35	19.51	21	0	
5	64QAM	1	24	19.57	19.11	19.13			
5	64QAM	12	0	19.37	19.32	19.19			
5	64QAM	12	7	19.03	19.37	19.23	21	0	
5	64QAM	12	13	19.19	19.17	19.00			
5	64QAM	25	0	19.14	19.32	19.00			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	19.24	19.37	19.24	21	0	
3	QPSK	1	8	19.46	19.75	19.47			
3	QPSK	1	14	19.32	19.30	19.33			
3	QPSK	8	0	19.41	19.63	19.46	21	0	
3	QPSK	8	4	19.52	19.80	19.44			
3	QPSK	8	7	19.39	19.61	19.35			
3	QPSK	15	0	19.45	19.84	19.46	21	0	
3	16QAM	1	0	19.03	19.35	19.01			
3	16QAM	1	8	19.09	19.37	19.27			
3	16QAM	1	14	19.03	19.35	19.54	21	0	
3	16QAM	8	0	19.26	19.33	19.37			
3	16QAM	8	4	19.05	19.27	19.01			
3	16QAM	8	7	19.09	19.17	19.32	21	0	
3	16QAM	15	0	19.29	19.19	19.07			
3	64QAM	1	0	19.02	19.56	19.69			
3	64QAM	1	8	19.70	19.41	19.61	21	0	
3	64QAM	1	14	19.57	19.12	19.16			
3	64QAM	8	0	19.01	19.34	19.07			
3	64QAM	8	4	19.13	19.60	19.12	21	0	
3	64QAM	8	7	19.23	19.08	19.22			
3	64QAM	15	0	19.09	19.22	19.03			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	19.14	19.46	19.07	21	0	
1.4	QPSK	1	3	19.44	19.68	19.52			
1.4	QPSK	1	5	19.40	19.40	19.46			
1.4	QPSK	3	0	19.38	19.67	19.52	21	0	
1.4	QPSK	3	1	19.33	19.61	19.46			
1.4	QPSK	3	3	19.50	19.57	19.38			
1.4	QPSK	6	0	19.39	19.65	19.37	21	0	
1.4	16QAM	1	0	19.21	19.36	19.05			
1.4	16QAM	1	3	19.37	19.03	19.34			
1.4	16QAM	1	5	19.13	19.29	19.02	21	0	
1.4	16QAM	3	0	19.22	19.23	19.00			
1.4	16QAM	3	1	19.20	19.39	19.09			
1.4	16QAM	3	3	19.12	19.23	19.32	21	0	
1.4	16QAM	6	0	19.38	19.23	19.34			
1.4	64QAM	1	0	19.38	19.61	19.62			
1.4	64QAM	1	3	19.69	19.45	19.50	21	0	
1.4	64QAM	1	5	19.43	19.01	19.07			
1.4	64QAM	3	0	19.04	19.43	19.04			
1.4	64QAM	3	1	19.02	19.44	19.16	21	0	
1.4	64QAM	3	3	19.08	19.09	19.11			
1.4	64QAM	6	0	19.10	19.33	19.11			

Band 41 (2.6G Band)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140	21	0
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	19.99	20.01	19.84	19.86	21	0
20	QPSK	1	49	20.41	20.25	20.13	20.05		
20	QPSK	1	99	20.15	20.05	19.90	19.80	21	0
20	QPSK	50	0	20.34	20.28	20.03	19.85		
20	QPSK	50	24	20.37	20.34	20.04	19.95	21	0
20	QPSK	50	50	20.26	20.33	19.96	19.94		
20	QPSK	100	0	20.32	20.31	19.93	19.92	21	0
20	16QAM	1	0	19.55	19.55	19.14	19.24		
20	16QAM	1	49	19.82	19.69	19.55	19.33	21	0
20	16QAM	1	99	19.82	19.67	19.41	19.05		
20	16QAM	50	0	20.03	19.84	19.74	19.46	21	0
20	16QAM	50	24	20.23	20.01	19.63	19.60		
20	16QAM	50	50	20.13	20.08	19.69	19.67	21	0
20	16QAM	100	0	20.16	20.01	19.64	19.62		
20	64QAM	1	0	19.47	19.81	19.73	19.84	21	0
20	64QAM	1	49	19.56	19.60	19.69	19.75		
20	64QAM	1	99	19.93	20.00	19.79	19.91	21	0
20	64QAM	50	0	20.07	19.91	19.75	19.47		
20	64QAM	50	24	20.03	20.19	19.75	19.78	21	0
20	64QAM	50	50	20.11	20.15	19.67	19.70		
20	64QAM	100	0	20.28	20.18	19.86	19.77	21	0
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5	21	0
15	QPSK	1	0	19.88	19.96	19.69	19.77		
15	QPSK	1	37	20.35	20.09	20.01	19.90	21	0
15	QPSK	1	74	20.03	19.87	19.85	19.67		
15	QPSK	36	0	20.32	20.18	19.86	19.83	21	0
15	QPSK	36	20	20.26	20.20	19.89	19.73		
15	QPSK	36	39	20.23	20.29	19.93	19.74	21	0
15	QPSK	75	0	20.30	20.19	19.90	19.77		
15	16QAM	1	0	19.49	19.37	19.06	19.21	21	0
15	16QAM	1	37	19.81	19.63	19.50	19.20		
15	16QAM	1	74	19.67	19.60	19.24	19.14	21	0
15	16QAM	36	0	20.03	19.78	19.62	19.38		
15	16QAM	36	20	20.04	20.00	19.48	19.47	21	0
15	16QAM	36	39	19.93	19.91	19.64	19.56		
15	16QAM	75	0	20.02	19.84	19.53	19.43	21	0
15	64QAM	1	0	19.27	19.73	19.62	19.74		
15	64QAM	1	37	19.38	19.45	19.67	19.69	21	0
15	64QAM	1	74	19.87	19.91	19.60	19.74		
15	64QAM	36	0	20.07	19.74	19.64	19.42	21	0
15	64QAM	36	20	19.94	20.09	19.68	19.71		
15	64QAM	36	39	19.92	20.12	19.54	19.56	21	0
15	64QAM	75	0	20.21	19.99	19.81	19.74		
Channel				40090	40390	40690	41190	21	0
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.84	19.97	19.84	19.78	21	0
10	QPSK	1	25	20.25	20.16	20.03	19.99		
10	QPSK	1	49	20.15	19.95	19.78	19.73	21	0
10	QPSK	25	0	20.21	20.22	19.93	19.66		
10	QPSK	25	12	20.26	20.16	19.97	19.81	21	0
10	QPSK	25	25	20.17	20.23	19.79	19.82		
10	QPSK	50	0	20.18	20.17	19.82	19.87	21	0
10	16QAM	1	0	19.44	19.50	19.19	19.11		
10	16QAM	1	25	19.66	19.54	19.43	19.32	21	0
10	16QAM	1	49	19.62	19.58	19.27	19.18		
10	16QAM	25	0	20.02	19.75	19.62	19.37	21	0
10	16QAM	25	12	20.17	19.96	19.62	19.58		
10	16QAM	25	25	20.00	19.93	19.56	19.58	21	0
10	16QAM	50	0	19.97	19.91	19.55	19.43		
10	64QAM	1	0	19.30	19.78	19.72	19.71	21	0
10	64QAM	1	25	19.44	19.59	19.58	19.56		
10	64QAM	1	49	19.79	19.80	19.61	19.74	21	0
10	64QAM	25	0	19.94	19.77	19.75	19.32		
10	64QAM	25	12	19.90	20.03	19.56	19.64	21	0
10	64QAM	25	25	20.07	19.99	19.60	19.65		
10	64QAM	50	0	20.20	20.06	19.79	19.59	21	0
Channel				40065	40385	40705	41215		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	21	0
5	QPSK	1	0	19.95	19.86	19.76	19.82		
5	QPSK	1	12	20.23	20.20	20.13	19.97	21	0
5	QPSK	1	24	20.02	19.95	19.85	19.80		
5	QPSK	12	0	20.16	20.26	19.92	19.67	21	0
5	QPSK	12	7	20.24	20.24	19.87	19.93		
5	QPSK	12	13	20.07	20.17	19.79	19.80	21	0
5	QPSK	25	0	20.16	20.21	19.82	19.86		
5	16QAM	1	0	19.41	19.48	19.04	19.21	21	0
5	16QAM	1	12	19.80	19.56	19.55	19.18		
5	16QAM	1	24	19.79	19.48	19.36	19.08	21	0
5	16QAM	12	0	19.97	19.75	19.70	19.29		
5	16QAM	12	7	20.03	19.93	19.59	19.57	21	0
5	16QAM	12	13	20.13	20.02	19.65	19.52		
5	16QAM	25	0	20.15	19.99	19.52	19.42	21	0
5	64QAM	1	0	19.47	19.79	19.59	19.78		
5	64QAM	1	12	19.46	19.51	19.60	19.64	21	0
5	64QAM	1	24	19.92	19.93	19.59	19.87		
5	64QAM	12	0	20.04	19.74	19.62	19.27	21	0
5	64QAM	12	7	19.84	20.07	19.58	19.60		
5	64QAM	12	13	19.93	20.11	19.63	19.68	21	0
5	64QAM	25	0	20.28	20.02	19.83	19.58		

BT/WLAN Full Power Mode

2.4GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.40	19.50	99.31
		6	2437	18.50	19.50	
		11	2462	18.50	19.50	
	802.11g 6Mbps	1	2412	17.10	18.50	98.28
		6	2437	17.60	19.00	
		11	2462	17.50	19.00	
	802.11n-HT20 MCS0	1	2412	17.10	18.50	98.16
		6	2437	17.60	19.00	
		11	2462	17.50	19.00	

5.2GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.57	19.00	98.28
		40	5200	17.34	19.00	
		44	5220	17.43	19.00	
		48	5240	17.29	19.00	
	802.11n-HT20 MCS0	36	5180	17.33	19.00	98.16
		40	5200	17.16	19.00	
		44	5220	17.21	19.00	
		48	5240	17.52	19.00	
	802.11n-HT40 MCS0	38	5190	15.18	17.00	96.32
		46	5230	17.40	19.00	
	802.11ac-VHT20 MCS0	36	5180	17.31	19.00	98.16
		40	5200	17.12	19.00	
		44	5220	17.20	19.00	
	802.11ac-VHT40 MCS0	38	5190	15.15	17.00	96.34
		46	5230	17.38	19.00	
	802.11ac-VHT80 MCS0	42	5210	13.16	15.00	92.79

5.3GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.66	19.00	98.28
		56	5280	17.69	19.00	
		60	5300	17.74	19.00	
		64	5320	17.48	19.00	
	802.11n-HT20 MCS0	52	5260	17.44	19.00	98.16
		56	5280	17.51	19.00	
		60	5300	17.59	19.00	
		64	5320	17.33	19.00	
	802.11n-HT40 MCS0	54	5270	17.24	19.00	96.32
		62	5310	15.72	17.00	
	802.11ac-VHT20 MCS0	52	5260	17.42	19.00	98.16
		56	5280	17.48	19.00	
		60	5300	17.57	19.00	
		64	5320	17.31	19.00	
	802.11ac-VHT40 MCS0	54	5270	17.22	19.00	96.34
		62	5310	15.49	17.00	
	802.11ac-VHT80 MCS0	58	5290	12.30	14.00	92.79

5.5GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.44	19.00	98.28
		116	5580	17.56	19.00	
		124	5620	17.43	19.00	
		132	5660	17.29	19.00	
		140	5700	17.27	19.00	
		144	5720	17.56	19.00	
	802.11n-HT20 MCS0	100	5500	17.29	19.00	98.16
		116	5580	17.42	19.00	
		124	5620	17.26	19.00	
		132	5660	17.59	19.00	
		140	5700	15.70	17.00	
		144	5720	17.39	19.00	
	802.11n-HT40 MCS0	102	5510	13.80	15.50	96.32
		110	5550	17.25	19.00	
		126	5630	17.54	19.00	
		134	5670	16.71	18.50	
		142	5710	17.34	19.00	
		100	5500	17.28	19.00	
	802.11ac-VHT20 MCS0	116	5580	17.40	19.00	98.16
		124	5620	17.23	19.00	
		132	5660	17.58	19.00	
		140	5700	15.69	17.00	
		144	5720	17.37	19.00	
		102	5510	13.78	15.50	
	802.11ac-VHT40 MCS0	110	5550	17.21	19.00	96.34
		126	5630	17.53	19.00	
		134	5670	16.70	18.50	
		142	5710	17.30	19.00	
		106	5530	12.60	14.50	
		122	5610	17.02	18.50	
	802.11ac-VHT80 MCS0	138	5690	17.49	19.00	92.79

5.8GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.23	13.50	98.28
		157	5785	12.40	13.50	
		165	5825	12.63	13.50	
	802.11n-HT20 MCS0	149	5745	12.07	13.50	98.16
		157	5785	12.24	13.50	
		165	5825	12.46	13.50	
	802.11n-HT40 MCS0	151	5755	12.12	13.50	96.32
		159	5795	12.18	13.50	
	802.11ac-VHT20 MCS0	149	5745	12.00	13.50	98.16
		157	5785	12.22	13.50	
		165	5825	12.43	13.50	
	802.11ac-VHT40 MCS0	151	5755	12.09	13.50	96.34
		159	5795	12.16	13.50	
	802.11ac-VHT80 MCS0	155	5775	12.25	13.50	92.79

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	10.60	10.50	10.50	8.00	7.90	7.90	8.00	7.90	12	
	CH 39	2441	11.30	11.20	11.20	8.90	8.80	8.80	8.90	8.80		
	CH 78	2480	10.60	10.50	10.50	8.00	7.90	7.90	8.00	7.90		

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	5.00
	CH 19	2440	6.10
	CH 39	2480	5.60
Tune-up Limit			7.5

WLAN Receiver on Reduced Power Mode						
5.5GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	14.64	16.00	98.28
		116	5580	14.76	16.00	
		124	5620	14.63	16.00	
		132	5660	14.49	16.00	
		140	5700	14.47	16.00	
		144	5720	14.76	16.00	
	802.11n-HT20 MCS0	100	5500	14.48	16.00	98.16
		116	5580	14.61	16.00	
		124	5620	14.45	16.00	
		132	5660	14.78	16.00	
		140	5700	12.69	14.00	
		144	5720	14.58	16.00	
	802.11n-HT40 MCS0	102	5510	10.97	12.50	96.32
		110	5550	14.42	16.00	
		126	5630	14.71	16.00	
		134	5670	13.88	15.50	
		142	5710	14.51	16.00	
		100	5500	14.46	16.00	98.16
	802.11ac-VHT20 MCS0	116	5580	14.58	16.00	
		124	5620	14.41	16.00	
		132	5660	14.76	16.00	
		140	5700	12.66	14.00	
		144	5720	14.55	16.00	
	802.11ac-VHT40 MCS0	102	5510	10.96	12.50	96.34
		110	5550	14.37	16.00	
		126	5630	14.69	16.00	
		134	5670	13.86	15.50	
		142	5710	14.46	16.00	
	802.11ac-VHT80 MCS0	106	5530	9.78	11.50	92.79
		122	5610	14.20	15.50	
		138	5690	14.67	16.00	

WLAN Sensor on Reduced Power Mode

5.5GHz WLAN				Ant 1		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	12.44	13.50	98.28
		116	5580	12.54	13.50	
		124	5620	12.43	13.50	
		132	5660	12.29	13.50	
		140	5700	12.27	13.50	
		144	5720	12.54	13.50	
	802.11n-HT20 MCS0	100	5500	12.26	13.50	98.16
		116	5580	12.39	13.50	
		124	5620	12.23	13.50	
		132	5660	12.56	13.50	
		140	5700	10.47	11.50	
		144	5720	12.36	13.50	
	802.11n-HT40 MCS0	102	5510	8.57	10.00	96.32
		110	5550	12.02	13.50	
		126	5630	12.31	13.50	
		134	5670	11.44	13.00	
		142	5710	12.11	13.50	
		144	5720	12.11	13.50	
	802.11ac-VHT20 MCS0	100	5500	12.25	13.50	98.16
		116	5580	12.37	13.50	
		124	5620	12.20	13.50	
		132	5660	12.55	13.50	
		140	5700	10.45	11.50	
		144	5720	12.34	13.50	
	802.11ac-VHT40 MCS0	102	5510	8.55	10.00	96.34
		110	5550	11.98	13.50	
		126	5630	12.30	13.50	
		134	5670	11.42	13.00	
		142	5710	12.07	13.50	
		144	5720	12.07	13.50	
	802.11ac-VHT80 MCS0	106	5530	7.20	9.00	92.79
		122	5610	11.74	13.00	
		138	5690	12.19	13.50	