

Full Power Mode

GSM850 Ant0 Default													
Burst Average Power (dBm)				Frame Average Power (dBm)									
TX Channel	128	188	251	Time-up Limit (dBm)	128	188	251	Time-up Limit (dBm)					
Frequency (MHz)	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)					
GPRS 1 Tx slot	31.45	31.71	31.55	32.50	22.45	22.71	22.55	23.50					
GPRS 2 Tx slots	30.61	30.84	30.73	32.00	21.61	21.84	21.73	26.00					
GPRS 3 Tx slots	28.80	29.01	28.94	30.00	24.54	24.75	24.68	25.74					
GPRS 4 Tx slots	27.48	27.77	27.61	28.50	24.48	24.77	24.61	25.50					
EDGE 1 Tx slot	26.96	27.05	27.14	28.00	17.96	18.05	18.14	19.00					
EDGE 2 Tx slots	25.46	25.52	25.72	27.00	19.46	19.62	19.72	21.00					
EDGE 3 Tx slots	23.01	23.41	23.30	24.50	18.75	19.15	19.04	20.24					
EDGE 4 Tx slots	21.65	21.74	21.78	23.00	18.65	18.74	18.78	20.00					
GSM1900 Ant0 Default													
Burst Average Power (dBm)				Frame Average Power (dBm)									
TX Channel	512	681	810	Time-up Limit (dBm)	512	681	810	Time-up Limit (dBm)					
Frequency (MHz)	1852.2	1860	1869.8	(dBm)	1852.2	1860	1869.8	(dBm)					
GPRS 1 Tx slot	28.21	28.47	28.38	29.50	19.21	19.47	19.38	20.50					
GPRS 2 Tx slots	27.27	27.54	27.43	28.50	21.27	21.54	21.43	22.50					
GPRS 3 Tx slots	25.41	25.53	25.45	26.50	21.15	21.27	21.19	22.24					
GPRS 4 Tx slots	24.37	24.27	24.16	25.50	21.37	21.27	21.16	22.50					
EDGE 1 Tx slot	25.35	25.43	25.40	26.50	16.35	16.43	16.40	17.50					
EDGE 2 Tx slots	24.17	24.32	24.15	25.50	18.17	18.32	18.15	19.50					
EDGE 3 Tx slots	21.98	22.13	21.97	23.50	17.72	17.87	17.71	19.24					
EDGE 4 Tx slots	20.79	20.89	20.80	22.00	17.79	17.89	17.80	19.00					
WCDMA 8 Ant0 Default													
WCDMA 8				WCDMA 4V				WCDMA V Ant0 Default					
Band	9262	9490	9538	Time-up Limit (dBm)	1312	1413	1513	Time-up Limit (dBm)	4132	4182	4233	Time-up Limit (dBm)	
TX Channel	9662	9890	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4456	(dBm)	
Frequency (MHz)	1822.4	1860	1867.8	(dBm)	1712.4	1722.6	1722.6	(dBm)	2056.4	2062.4	2068.6	(dBm)	
3GPP Rel 99	RNC 12.260ps	22.78	22.85	22.82	24.00	22.91	22.94	22.92	24.00	23.05	23.17	23.07	24.00
3GPP Rel 6	HS-DSCH Subtest-1	21.77	21.91	21.93	23.00	21.86	21.92	21.98	23.00	22.02	22.08	22.09	23.00
3GPP Rel 6	HS-DSCH Subtest-2	21.86	21.86	21.75	23.00	21.78	21.79	21.74	23.00	21.97	22.03	22.05	23.00
3GPP Rel 6	HS-DSCH Subtest-3	21.21	21.38	21.36	22.50	21.24	21.37	21.28	22.50	21.47	21.61	21.52	22.50
3GPP Rel 6	HS-DSCH Subtest-4	21.26	21.39	21.38	22.50	21.23	21.45	21.44	22.50	21.38	21.58	21.55	22.50
3GPP Rel 6	DCH-DSCH Subtest-1	21.64	21.82	21.79	23.00	21.74	21.89	21.91	23.00	21.97	21.98	22.02	23.00
3GPP Rel 6	DCH-DSCH Subtest-2	21.73	21.78	21.68	23.00	21.76	21.77	21.68	23.00	21.83	21.89	22.00	23.00
3GPP Rel 6	DCH-DSCH Subtest-3	21.27	21.28	21.33	22.50	21.16	21.33	21.21	22.50	21.38	21.48	21.41	22.50
3GPP Rel 6	DCH-DSCH Subtest-4	21.24	21.30	21.28	22.50	21.11	21.39	21.40	22.50	21.35	21.48	21.43	22.50
3GPP Rel 6	HSPA Subtest-1	21.84	21.81	21.96	23.00	21.88	21.79	21.93	23.00	22.11	22.01	22.15	23.00
3GPP Rel 6	HSPA Subtest-2	19.78	19.84	19.86	21.00	19.75	19.95	19.79	21.00	19.94	20.12	20.01	21.00
3GPP Rel 6	HSPA Subtest-3	20.79	20.92	20.90	22.00	20.73	20.79	20.91	22.00	20.94	21.08	21.11	22.00
3GPP Rel 6	HSPA Subtest-4	19.73	19.81	19.78	21.00	19.75	19.84	19.76	21.00	19.97	20.11	19.96	21.00
3GPP Rel 6	HSPA Subtest-5	21.65	21.81	21.86	23.00	21.76	21.90	21.85	23.00	21.96	22.01	22.01	23.00
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	19.27	19.37	19.33	20.50	19.46	19.50	19.40	20.50	19.53	19.69	19.51	20.50



Band 2 Ant0 Default															
BW [MHz]	Modulat ion	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)															
20	QPSK	1	0	22.95	23.01	22.93			24	0					
20	QPSK	1	49	22.90	22.93	22.81									
20	QPSK	1	99	22.81	22.95	22.87									
20	QPSK	50	0	22.12	22.22	22.17									
20	QPSK	50	24	22.03	22.08	22.03			23	1					
20	QPSK	50	50	21.98	22.16	22.07									
20	QPSK	100	0	22.05	22.11	22.10									
20	16QAM	1	0	22.21	22.37	22.07									
20	16QAM	1	49	22.04	22.12	22.10			23	1					
20	16QAM	1	99	22.06	22.08	22.09									
20	16QAM	50	0	21.11	21.21	21.17									
20	16QAM	50	24	21.13	21.24	21.17									
20	16QAM	50	50	21.07	21.12	21.08			22	2					
20	16QAM	100	0	21.07	21.11	21.03									
20	64QAM	1	0	21.06	21.24	21.11									
20	64QAM	1	49	21.00	21.21	21.07									
20	64QAM	1	99	21.09	21.09	21.10			21	3					
20	64QAM	50	0	20.21	20.32	20.12									
20	64QAM	50	24	20.22	20.18	20.11									
20	64QAM	50	50	20.15	20.21	20.09									
20	64QAM	100	0	20.23	20.17	20.13									
Channel															
Frequency (MHz)															
15	QPSK	1	0	22.92	22.91	22.79			24	0					
15	QPSK	1	37	22.76	22.89	22.67									
15	QPSK	1	74	22.69	22.86	22.82									
15	QPSK	36	0	21.99	21.26	22.07									
15	QPSK	36	20	21.93	22.03	21.95			23	1					
15	QPSK	36	39	21.90	22.08	22.04									
15	QPSK	75	0	21.92	22.07	22.05									
15	16QAM	1	0	22.10	22.23	21.97									
15	16QAM	1	37	21.93	22.10	21.96			23	1					
15	16QAM	1	74	21.93	21.99	21.96									
15	16QAM	36	0	21.03	21.07	21.11									
15	16QAM	36	20	21.06	21.17	21.12									
15	16QAM	36	39	21.01	21.07	21.03			22	2					
15	16QAM	75	0	20.98	21.03	20.93									
15	64QAM	1	0	21.02	21.13	21.07									
15	64QAM	1	37	20.93	21.15	21.03									
15	64QAM	1	74	20.99	20.99	21.06			21	3					
15	64QAM	36	0	20.17	20.27	20.05									
15	64QAM	36	20	20.11	20.08	19.98									
15	64QAM	36	39	20.08	20.16	19.97									
15	64QAM	75	0	20.16	20.09	19.99									
Channel															
Frequency (MHz)															
10	QPSK	1	0	22.81	22.90	22.87			24	0					
10	QPSK	1	25	22.76	22.89	22.78									
10	QPSK	1	49	22.73	22.92	22.79									
10	QPSK	25	0	21.99	22.10	22.11									
10	QPSK	25	12	21.90	21.94	21.95			23	1					
10	QPSK	25	25	21.91	22.12	21.99									
10	QPSK	50	0	21.98	22.06	22.01									
10	16QAM	1	0	22.11	22.22	21.94									
10	16QAM	1	25	21.92	22.01	22.04			23	1					
10	16QAM	1	49	21.94	22.02	21.99									
10	16QAM	25	0	20.99	21.08	21.08									
10	16QAM	25	12	20.98	21.10	21.14									
10	16QAM	25	25	21.00	21.02	20.95			22	2					
10	16QAM	50	0	20.94	21.03	20.92									
10	64QAM	1	0	20.98	21.18	21.00									
10	64QAM	1	25	20.88	21.11	20.94									
10	64QAM	1	49	21.03	20.95	21.01			21	3					
10	64QAM	25	0	20.09	20.19	20.05									
10	64QAM	25	12	20.11	20.93	20.92									
10	64QAM	25	25	20.05	20.11	19.96									
10	64QAM	50	0	20.11	20.11	20.09									
Channel															
Frequency (MHz)															
5	QPSK	1	0	22.81	22.95	22.81			24	0					
5	QPSK	1	12	22.81	22.78	22.81									
5	QPSK	1	24	22.76	22.85	22.84									
5	QPSK	12	0	22.08	22.18	22.10									
5	QPSK	12	7	21.91	21.94	21.96			23	1					
5	QPSK	12	13	21.94	22.08	21.98									
5	QPSK	25	0	21.92	22.03	21.97									
5	16QAM	1	0	22.08	22.25	22.04									
5	16QAM	1	12	22.00	22.07	21.97			23	1					
5	16QAM	1	24	21.99	22.04	21.98									
5	16QAM	12	0	21.00	21.11	21.12									
5	16QAM	12	7	21.05	21.18	21.11									
5	16QAM	12	13	20.94	21.08	21.03			22	2					
5	16QAM	25	0	20.95	21.02	20.90									
5	64QAM	1	0	21.02	21.17	21.03									
5	64QAM	1	12	20.88	21.16	20.97									
5	64QAM	1	24	21.06	21.03	21.05			21	3					
5	64QAM	12	0	20.08	20.26	20.06									
5	64QAM	12	7	20.10	20.08	20.03									
5	64QAM	12	13	20.07	20.16	19.97									
5	64QAM	25	0	20.16	20.08	20.00									
Channel															
Frequency (MHz)															
3	QPSK	1	0	22.85	22.93	22.80			24	0					
3	QPSK	1	8	22.83	22.80	22.72									
3	QPSK	1	14	22.77	22.91	22.82									
3	QPSK	8	0	22.05	22.14	22.09									
3	QPSK	8	4	21.89	21.96	21.96			23	1					
3	QPSK	8	7	21.85	22.02	22.04									
3	QPSK	15	0	21.95	21.97	22.02			23	1					
3	16QAM	1	0	22.14	22.28	22.02									
3	16QAM	1	8	21.95	22.04	21.97									
3	16QAM	1	14	21.89	22.04	21.97									
3	16QAM	8	0	21.00	21.10	21.03									
3	16QAM	8	7	20.99	21.03	20.96									
3	64QAM	15	0	20.90	20.12	20.08									
Channel															
Frequency (MHz)															
1.4	QPSK	1	0	22.89	22.97	22.86			24	0					
1.4	QPSK	1	5	22.87	22.84	22.81									
1.4	QPSK	1	9	22.82	22.98	22.87									
1.4	QPSK	3	0	22.78	22.79	22.67									
1.4	QPSK	3	3	22.71	22.88	22.82			23	1					
1.4	QPSK	6	0	22.06	22.12	22.04									
1.4	16QAM	1	0	22.09	22.27	22.06									
1.4	16QAM	1	5	22.04	22.16	22.05									
1.4	16QAM	3	0	22.00	22.11	22.06			23	1					
1.4	16QAM	3	3	22.08	22.12	22.07									
1.4	16QAM	6	0	20.89	21.11	20.98									
1.4	64QAM	1	0	20.87	21.16	21.03									
1.4	64QAM	1	3	20.97	21.15	21.00									
1.4	64QAM	1	5	20.97	21.08	20.93									
1.4	64QAM	3	0	20.90	21.17	20.98									
1.4	64QAM	3	3	20.98	21.15	21.04			22	2					
1.4	64QAM	6	0	20.88	21.11	20.93									
1.4	64QAM	6	0	20.13	20.11	20.00									

Band 12 Ant0 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				23000	23005	23130								
Frequency (MHz)				704	707.5	711								
10	QPSK	1	0	23.90	23.97	23.87	25	0						
10	QPSK	1	25	23.90	23.92	23.74								
10	QPSK	1	49	23.70	23.91	23.74								
10	QPSK	25	0	22.88	23.04	22.94	24	1						
10	QPSK	25	12	22.99	22.95	22.94								
10	QPSK	25	25	22.93	22.90	22.76								
10	QPSK	50	0	22.86	23.06	22.82	24	1						
10	16QAM	1	0	22.92	23.18	22.92								
10	16QAM	1	25	23.03	22.95	22.86								
10	16QAM	1	49	22.97	23.01	23.00	23	2						
10	16QAM	25	0	21.96	22.05	21.91								
10	16QAM	25	12	21.81	22.03	21.74								
10	16QAM	25	25	21.87	22.03	21.88	23	2						
10	16QAM	50	0	21.94	22.06	21.89								
10	64QAM	1	0	21.85	22.11	21.78								
10	64QAM	1	25	21.91	21.96	21.89	23	2						
10	64QAM	1	49	21.86	21.93	21.91								
10	64QAM	25	0	20.95	21.03	20.82								
10	64QAM	25	12	21.06	20.86	20.78	22	3						
10	64QAM	25	25	20.94	20.86	20.89								
10	64QAM	50	0	20.89	21.04	20.84								
Channel				23035	23005	23155								
Frequency (MHz)				701.5	707.5	713.5								
5	QPSK	1	0	23.77	23.89	23.79	25	0						
5	QPSK	1	12	23.74	23.78	23.54								
5	QPSK	1	24	23.60	23.77	23.63								
5	QPSK	12	0	22.79	22.91	22.86	24	1						
5	QPSK	12	7	22.91	22.90	22.80								
5	QPSK	12	13	22.76	22.83	22.74								
5	QPSK	25	0	22.74	22.86	22.78	24	1						
5	16QAM	1	0	22.79	23.02	22.74								
5	16QAM	1	12	22.91	22.94	22.97								
5	16QAM	1	24	22.89	22.88	22.83	23	2						
5	16QAM	12	0	21.84	21.91	21.80								
5	16QAM	12	7	21.72	21.91	21.66								
5	16QAM	12	13	21.82	21.87	21.79	23	2						
5	16QAM	25	0	21.87	21.81	21.73								
5	64QAM	1	0	21.77	21.84	21.73								
5	64QAM	1	12	21.86	21.85	21.72	23	2						
5	64QAM	1	24	21.75	21.78	21.74								
5	64QAM	12	0	20.81	20.88	20.76								
5	64QAM	12	7	20.94	20.85	20.83	22	3						
5	64QAM	12	13	20.86	20.71	20.77								
5	64QAM	25	0	20.83	20.78	20.75								
Channel				23025	23005	23165								
Frequency (MHz)				700.5	707.5	714.5								
3	QPSK	1	0	23.78	23.92	23.77	25	0						
3	QPSK	1	8	23.76	23.84	23.61								
3	QPSK	1	14	23.57	23.79	23.70								
3	QPSK	8	0	22.77	22.84	22.84	24	1						
3	QPSK	8	4	22.84	22.85	22.82								
3	QPSK	8	7	22.81	22.81	22.63								
3	QPSK	15	0	22.73	23.00	22.88	24	1						
3	16QAM	1	0	22.80	23.14	22.80								
3	16QAM	1	8	22.93	22.81	22.83								
3	16QAM	1	14	22.93	22.98	22.86	23	2						
3	16QAM	8	4	21.71	21.91	21.83								
3	16QAM	8	7	21.84	21.90	21.73								
3	16QAM	15	0	21.84	21.91	21.84	23	2						
3	64QAM	1	0	21.76	22.02	21.83								
3	64QAM	1	8	21.88	21.90	21.82								
3	64QAM	1	14	21.80	21.82	21.79	22	3						
3	64QAM	8	4	20.90	20.93	20.69								
3	64QAM	8	7	20.82	20.78	20.78								
3	64QAM	15	0	20.83	20.83	20.81	22	3						
Channel				23017	23005	23173								
Frequency (MHz)				699.7	707.5	715.3								
1.4	QPSK	1	0	23.70	23.70	23.52	25	0						
1.4	QPSK	1	3	23.66	23.62	23.58								
1.4	QPSK	1	5	23.55	23.64	23.69								
1.4	QPSK	3	0	23.66	23.62	23.66	24	1						
1.4	QPSK	3	1	23.53	23.65	23.50								
1.4	QPSK	3	3	23.61	23.80	23.72								
1.4	QPSK	6	0	22.91	22.91	22.80	24	1						
1.4	16QAM	1	0	23.01	22.91	22.82								
1.4	16QAM	1	3	22.88	22.84	22.93								
1.4	16QAM	1	5	22.88	23.04	22.90	24	1						
1.4	16QAM	3	0	22.86	22.98	23.01								
1.4	16QAM	3	1	22.91	22.85	22.98								
1.4	16QAM	3	3	22.93	22.89	22.94	23	2						
1.4	16QAM	6	0	21.76	21.88	21.82								
1.4	64QAM	1	0	21.76	22.01	21.84								
1.4	64QAM	1	3	21.83	21.97	21.74	23	2						
1.4	64QAM	1	5	21.77	22.01	21.88								
1.4	64QAM	3	0	21.78	22.01	21.81								
1.4	64QAM	3	1	21.70	21.92	21.95	22	3						
1.4	64QAM	3	3	21.75	21.90	21.75								
1.4	64QAM	6	0	20.99	20.90	20.81								

Band 17 Ant0 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				709	710	711			
Frequency (MHz)				23.87	23.92	23.94			
10	QPSK	1	0	23.87	23.92	23.94			
10	QPSK	1	25	23.87	23.91	23.88	25	0	
10	QPSK	1	49	23.74	23.90	23.72			
10	QPSK	25	0	22.85	22.96	22.90			
10	QPSK	25	12	22.95	22.95	22.90	24	1	
10	QPSK	25	25	22.87	22.93	22.78			
10	QPSK	50	0	22.81	22.90	22.86			
10	16QAM	1	0	22.86	23.12	22.85			
10	16QAM	1	25	23.01	22.98	23.00	24	1	
10	16QAM	1	49	23.02	22.95	22.97			
10	16QAM	25	0	21.94	21.98	21.87			
10	16QAM	25	12	21.78	21.98	21.77	23	2	
10	16QAM	25	25	21.90	21.99	21.87			
10	16QAM	50	0	21.96	21.90	21.85			
10	64QAM	1	0	21.84	21.95	21.82			
10	64QAM	1	25	21.89	21.98	21.86	23	2	
10	64QAM	1	49	21.83	21.92	21.85			
10	64QAM	25	0	20.90	20.99	20.85			
10	64QAM	25	12	21.01	20.88	20.73			
10	64QAM	25	25	20.93	20.83	20.87	22	3	
10	64QAM	50	0	20.90	20.93	20.86			
Channel				23755	23790	23825	Tune- up limit	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.83	23.82	23.71			
5	QPSK	1	12	23.77	23.83	23.65	25	0	
5	QPSK	1	24	23.68	23.79	23.64			
5	QPSK	12	0	22.74	22.90	22.80			
5	QPSK	12	7	22.90	22.85	22.79	24	1	
5	QPSK	12	13	22.81	22.82	22.68			
5	QPSK	25	0	22.68	22.84	22.83			
5	16QAM	1	0	22.81	23.08	22.73			
5	16QAM	1	12	22.87	22.87	22.91	24	1	
5	16QAM	1	24	22.91	22.83	22.83			
5	16QAM	12	0	21.85	21.84	21.80			
5	16QAM	12	7	21.64	21.95	21.68	23	2	
5	16QAM	12	13	21.78	21.94	21.76			
5	16QAM	25	0	21.89	21.85	21.73			
5	64QAM	1	0	21.69	21.88	21.76			
5	64QAM	1	12	21.85	21.92	21.81	23	2	
5	64QAM	1	24	21.78	21.81	21.72			
5	64QAM	12	0	20.78	20.87	20.81			
5	64QAM	12	7	20.90	20.74	20.60	22	3	
5	64QAM	12	13	20.85	20.77	20.80			
5	64QAM	25	0	20.75	20.88	20.78			

Band 25 Ant0 Default									
BW (MHz)	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1860	1905			
20	QPSK	1	0	22.88	22.97	22.87			
20	QPSK	1	49	22.77	22.88	22.78	24	0	
20	QPSK	1	99	22.84	22.88	22.77			
20	QPSK	50	0	22.00	22.06	22.02			
20	QPSK	50	24	21.92	21.98	21.96	23	1	
20	QPSK	50	50	21.90	22.02	21.92			
20	QPSK	100	0	22.01	22.03	22.00			
20	16QAM	1	0	21.97	22.03	22.01			
20	16QAM	1	49	21.90	22.02	21.95	23	1	
20	16QAM	1	99	21.86	21.91	21.89			
20	16QAM	50	0	20.97	21.01	21.00			
20	16QAM	50	24	20.92	20.94	20.86	22	2	
20	16QAM	50	50	20.88	20.88	20.92			
20	16QAM	100	0	21.02	21.06	21.05			
20	64QAM	1	0	21.02	21.04	21.00	22	2	
20	64QAM	1	49	20.85	20.91	20.89			
20	64QAM	1	99	20.89	20.95	20.93			
20	64QAM	50	0	20.10	20.07	20.12			
20	64QAM	50	24	19.95	20.03	20.00	21	3	
20	64QAM	50	50	20.03	20.02	19.99			
20	64QAM	100	0	19.97	20.02	20.00			
Channel				26115	26340	26615	Tune- up limit	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	22.83	22.89	22.73			
15	QPSK	1	37	22.71	22.85	22.71	24	0	
15	QPSK	1	74	22.75	22.85	22.72			
15	QPSK	36	0	21.91	22.03	21.96			
15	QPSK	36	20	21.88	21.90	21.90	23	1	
15	QPSK	36	39	21.80	21.90	21.89			
15	QPSK	75	0	21.93	21.91	21.94			
15	16QAM	1	0	21.83	21.88	21.93			
15	16QAM	1	37	21.74	21.90	21.82	23	1	
15	16QAM	1	74	21.74	21.82	21.77			
15	16QAM	36	0	20.87	20.93	20.85			
15	16QAM	36	20	20.88	20.88	20.75	22	2	
15	16QAM	36	39	20.76	20.83	20.85			
15	16QAM	75	0	20.98	20.91	20.94			
15	64QAM	1	0	20.94	20.94	20.95	22	2	
15	64QAM	1	37	20.90	20.80	20.81			
15	64QAM	1	74	20.82	20.84	20.83			
15	64QAM	36	0	19.97	20.01	20.05	21	3	
15	64QAM	36	20	19.80	19.97	19.88			
15	64QAM	36	39	19.99	19.93	19.92			
15	64QAM	75	0	19.83	19.94	19.94			
Channel				26090	26340	26640	Tune- up limit	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	22.75	22.87	22.80			
10	QPSK	1	25	22.62	22.83	22.64	24	0	
10	QPSK	1	49	22.69	22.80	22.68			
10	QPSK	25	0	21.87	21.92	21.97			
10	QPSK	25	12	21.83	21.92	21.91	23	1	
10	QPSK	25	25	21.81	21.97	21.86			
10	QPSK	50	0	21.91	21.91	21.91			
10	16QAM	1	0	21.91	21.95	21.92			
10	16QAM	1	25	21.85	21.99	21.88	23	1	
10	16QAM	1	49	21.72	21.79	21.84			
10	16QAM	25	0	20.83	20.86	20.96			
10	16QAM	25	12	20.89	20.84	20.80	22	2	
10	16QAM	25	25	20.81	20.74	20.82			
10	16QAM	50	0	20.95	20.97	20.93			
10	64QAM	1	0	20.90	20.90	20.91	22	2	
10	64QAM	1	25	20.75	20.79	20.80			
10	64QAM	1	49	20.77	20.87	20.82			
10	64QAM	25	0	20.04	19.84	20.01			
10	64QAM	25	12	19.87	19.91	19.88	21	3	
10	64QAM	25	25	19.89	19.88	19.85			
10	64QAM	50	0	19.88	19.92	19.91			
Channel				26055	26340	26655	Tune- up limit	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	22.84	22.93	22.79			
5	QPSK	1	12	22.69	22.76	22.63	24	0	
5	QPSK	1	24	22.80	22.82	22.70			
5	QPSK	12	0	21.93	21.96	21.87			
5	QPSK	12	7	21.82	21.94	21.85	23	1	
5	QPSK	12	13	21.83	21.89	21.79			
5	QPSK	25	0	21.95	21.90	21.93			
5	16QAM	1	0	21.87	21.99	21.86	23	1	
5	16QAM	1	12	21.82	21.93	21.90			
5	16QAM	1	24	21.78	21.88	21.85			
5	16QAM	12	0	20.88	20.92	20.90			
5	16QAM	12	7	20.87	20.80	20.75	22	2	
5	16QAM	12	13	20.82	20.79	20.79			
5	16QAM	25	0	20.96	20.94	20.96			
5	64QAM	1	0	20.99	20.98	20.91			
5	64QAM	1	12	20.73	20.81	20.83	22	2	
5	64QAM	1	24	20.76	20.83	20.87			
5	64QAM	12	0	19.96	20.03	19.99			
5	64QAM	12	7	19.83	19.95	19.92	21	3	
5	64QAM	12	13	19.97	19.90	19.90			
5	64QAM	25	0	19.92	19.89	19.87			
Channel				26055	26340	26655	Tune- up limit	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	22.75	22.91	22.74			
3	QPSK	1	8	22.69	22.80	22.63	24	0	
3	QPSK	1	14	22.73	22.74	22.62			
3	QPSK	8	0	21.90	22.02	21.89			
3	QPSK	8	4	21.78	21.92	21.84	23	1	
3	QPSK	8	7	21.85	21.90	21.84			
3	QPSK	15	0	21.90	21.89	21.90			
3	16QAM	1	0	21.86	21.96	21.98			
3	16QAM	1	8	21.83	21.89	21.83	23	1	
3	16QAM	1	14	21.81	21.85	21.80			
3	16QAM	8	0	20.83	20.95	20.91			
3	16QAM	8	4	20.82	20.89	20.77	22	2	
3	16QAM	8	7	20.74	20.74	20.86			
3	16QAM	15	0	20.98	20.91	20.97			
3	64QAM	1	0	20.96	20.90	20.97	22	2	
3	64QAM	1	8	20.80	20.90	20.81			
3	64QAM	1	14	20.76	20.81	20.84			
3	64QAM	8	0	19.98	19.95	20.04			
3	64QAM	8	4	19.91	19.93	19.96	21	3	
3	64QAM	8	7	19.91	19.98	19.95			
3	64QAM	15	0	19.93	19.89	19.93			
Channel				26055	26340	26655	Tune- up limit	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	22.79	22.90	22.74			
1.4	QPSK	1	3	22.71	22.74	22.67	24	0	
1.4	QPSK	1	5	22.77	22.75	22.69			
1.4	QPSK	3	0	22.83	22.93	22.85			
1.4	QPSK	3	1	22.66	22.78	22.65			
1.4	QPSK	3	3	22.71	22.74	22.71	23	1	
1.4	QPSK	3	5	21.89	22.02	21.91			
1.4	16QAM	1	0	21.88	22.02	21.88			
1.4	16QAM	1	3	21.92	21.95	21.88	23	1	
1.4	16QAM	3	0	21.86	21.96	21.98			
1.4	16QAM	3	1	21.88	22.00	21.92			
1.4	16QAM	3	3	21.89	21.95	21.90	22	2	
1.4	16QAM	6	0	20.78	20.74	20.84			
1.4	64QAM	1	0	20.80	20.77	20.88			
1.4	64QAM	1	3	20.79	20.84	20.86	22	2	
1.4	64QAM	1	5	20.76	20.82	20.84			
1.4	64QAM	3	0	20.80	20.84	20.88			
1.4	64QAM	3	1	20.79	20.79	20.79			
1.4	64QAM	3	3	20.77	20.94	20.85			
1.4	64QAM	6	0	19.93	19.94	19.94	21	3	

Band 66 Ant0 Default											
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune- up [dBm]	MPR (dB)			
Channel				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	22.92	22.95	22.87	24	0			
20	QPSK	1	49	22.88	22.90	22.82					
20	QPSK	1	99	22.84	22.87	22.82					
20	QPSK	50	0	22.21	22.26	22.14	23	1			
20	QPSK	50	24	22.12	22.21	22.02					
20	QPSK	50	50	22.12	22.16	22.07					
20	QPSK	100	0	22.19	22.33	22.26	23	1			
20	16QAM	1	0	22.29	22.32	22.21					
20	16QAM	1	49	22.09	22.18	22.05					
20	16QAM	1	99	22.15	22.13	22.03	22	2			
20	16QAM	50	0	21.22	21.25	21.15					
20	16QAM	50	24	21.08	21.19	21.04					
20	16QAM	50	50	21.17	21.17	21.09	22	2			
20	16QAM	100	0	21.26	21.33	21.25					
20	64QAM	1	0	21.17	21.12	21.11					
20	64QAM	1	49	21.08	21.12	21.09	22	2			
20	64QAM	1	99	21.16	21.14	21.07					
20	64QAM	50	0	20.18	20.32	20.24					
20	64QAM	50	24	20.15	20.27	20.19	21	3			
20	64QAM	50	50	20.08	20.16	20.20					
20	64QAM	100	0	20.28	20.37	20.34					
Channel				132047	132322	132597	Tune- up [dBm]	MPR (dB)			
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	22.80	22.92	22.77	24	0			
15	QPSK	1	37	22.82	22.83	22.68					
15	QPSK	1	74	22.80	22.83	22.77					
15	QPSK	36	0	22.15	22.19	22.00	23	1			
15	QPSK	36	20	22.03	22.11	21.94					
15	QPSK	36	39	22.04	22.06	21.98					
15	QPSK	75	0	22.07	22.23	22.22	23	1			
15	16QAM	1	0	22.17	22.24	22.07					
15	16QAM	1	37	22.00	22.04	21.95					
15	16QAM	1	74	22.03	21.99	21.92	22	2			
15	16QAM	36	0	21.10	21.16	21.10					
15	16QAM	36	20	21.03	21.06	21.00					
15	16QAM	36	39	21.03	21.06	20.94	22	2			
15	16QAM	75	0	21.20	21.25	21.13					
15	64QAM	1	0	21.09	21.04	21.07					
15	64QAM	1	37	20.96	21.03	20.96	22	2			
15	64QAM	1	74	21.04	21.02	21.00					
15	64QAM	36	0	20.06	20.22	20.13					
15	64QAM	36	20	20.11	20.16	20.10	21	3			
15	64QAM	36	39	19.94	20.04	20.13					
15	64QAM	75	0	20.17	20.27	20.22					
Channel				132022	132322	132622	Tune- up [dBm]	MPR (dB)			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	22.82	22.87	22.76	24	0			
10	QPSK	1	25	22.77	22.79	22.77					
10	QPSK	1	49	22.76	22.72	22.74					
10	QPSK	25	0	22.11	22.23	22.05	23	1			
10	QPSK	25	12	21.98	22.10	21.90					
10	QPSK	25	25	22.03	22.10	21.98					
10	QPSK	50	0	22.08	22.21	22.11	23	1			
10	16QAM	1	0	22.23	22.26	22.16					
10	16QAM	1	25	22.03	22.07	21.95					
10	16QAM	1	49	22.08	22.06	21.92	23	1			
10	16QAM	25	0	21.08	21.12	21.10					
10	16QAM	25	12	21.04	21.15	20.94					
10	16QAM	25	25	21.07	21.05	20.96	22	2			
10	16QAM	50	0	21.19	21.20	21.13					
10	64QAM	1	0	21.13	21.07	21.08					
10	64QAM	1	25	20.99	21.00	21.03	22	2			
10	64QAM	1	49	21.11	20.99	20.94					
10	64QAM	25	0	20.06	20.24	20.10					
10	64QAM	25	12	20.12	20.16	20.05	21	3			
10	64QAM	25	25	19.98	20.07	20.05					
10	64QAM	50	0	20.19	20.28	20.27					
Channel				131997	132322	132647	Tune- up [dBm]	MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	22.82	22.81	22.78	24	0			
5	QPSK	1	12	22.74	22.83	22.68					
5	QPSK	1	24	22.79	22.75	22.71					
5	QPSK	12	0	22.14	22.21	22.03	23	1			
5	QPSK	12	7	22.05	22.06	21.90					
5	QPSK	12	13	22.04	22.02	21.94					
5	QPSK	25	0	22.06	22.22	22.20	23	1			
5	16QAM	1	0	22.16	22.23	22.15					
5	16QAM	1	12	22.04	22.10	21.94					
5	16QAM	1	24	22.00	22.07	21.90	23	1			
5	16QAM	12	0	21.10	21.16	21.02					
5	16QAM	12	7	21.01	21.11	20.98					
5	16QAM	12	13	21.05	21.03	21.04	22	2			
5	16QAM	25	0	21.19	21.24	21.20					
5	64QAM	1	0	21.10	21.04	20.97					
5	64QAM	1	12	21.01	21.03	21.00	22	2			
5	64QAM	1	24	21.02	21.00	20.99					
5	64QAM	12	0	20.04	20.18	20.17					
5	64QAM	12	7	20.12	20.21	20.10	21	3			
5	64QAM	12	13	19.98	20.09	20.12					
5	64QAM	25	0	20.22	20.30	20.23					
Channel				131987	132322	132657	Tune- up [dBm]	MPR (dB)			
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	22.80	22.85	22.79	24	0			
3	QPSK	1	8	22.85	22.85	22.76					
3	QPSK	1	14	22.81	22.79	22.78					
3	QPSK	8	0	22.16	22.17	22.04	23	1			
3	QPSK	8	7	22.08	22.11	21.94					
3	QPSK	8	7	22.00	22.01	21.99					
3	QPSK	15	0	22.05	22.27	22.16	23	1			
3	16QAM	1	0	22.24	22.23	22.17					
3	16QAM	1	8	22.00	22.13	22.01					
3	16QAM	1	14	22.02	22.04	21.99	23	1			
3	16QAM	8	0	21.12	21.20	21.00					
3	16QAM	8	4	20.99	21.09	20.99					
3	16QAM	8	7	21.04	21.06	21.00	22	2			
3	16QAM	15	0	21.16	21.29	21.20					
3	64QAM	1	0	21.05	21.05	21.01					
3	64QAM	1	8	20.98	21.04	21.05	22	2			
3	64QAM	1	14	21.12	21.10	20.99					
3	64QAM	8	0	20.06	20.21	20.09					
3	64QAM	8	4	20.03	20.21	20.16	21	3			
3	64QAM	8	7	20.01	20.13	20.13					
3	64QAM	15	0	20.17	20.28	20.21					
Channel				131979	132322	132665	Tune- up [dBm]	MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	22.81	22.91	22.75	24	0			
1.4	QPSK	1	3	22.83	22.87	22.69					
1.4	QPSK	1	5	22.70	22.74	22.76					
1.4	QPSK	3	0	22.75	22.85	22.83	23	1			
1.4	QPSK	3		22.82	22.82	22.69					
1.4	QPSK	3	3	22.73	22.74	22.78					
1.4	QPSK	6	0	22.01	22.12	21.99	23	1			
1.4	16QAM	1	0	22.14	22.27	22.13					
1.4	16QAM	1	3	22			23	1			
1.4	16QAM	1	5	22.10	22.08	21.95					
1.4	16QAM	3	0	22.10	22.26	22.22	22	2			
1.4	16QAM	3	3	22.15	22.16	22.12					
1.4	16QAM	3	6	22.10	22.02	21.93	23	1			
1.4	16QAM	3	9	22.10	22.06	21.97					
1.4	16QAM	6	0	21.26	21.33	21.90	22	2			
1.4	16QAM	6	3	21.31	21.30	21.83					
1.4	16QAM	1	0	21.06	21.03	21.05	22	2			
1.4	16QAM	1	3	20.98	21.07	20.99					
1.4	64QAM	1	5	21.17	21.23	21.10	22	2			
1.4	64QAM	1	8	21.12	21.21	20.99					
1.4	64QAM	3	0	20.01	20.98	21.05	21	3			
1.4	64QAM	3	3	20.01	20.97	21.00					
1.4	64QAM	3	6	20.01	20.17	20.17	21	3			
1.4	64QAM	3	9	20.01	20.17	20.17					

Band 38 Ant0 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				37850	38000	38150			
Frequency (MHz)				2560	2595	2610			
20	QPSK	1	0	23.07	23.12	23.10	24	0	
20	QPSK	1	49	23.03	22.98	23.03			
20	QPSK	1	99	23.00	23.09	23.07			
20	QPSK	50	0	22.20	22.23	22.13			
20	QPSK	50	24	22.09	22.12	22.06	23	1	
20	QPSK	50	50	22.15	22.12	22.05			
20	QPSK	100	0	22.15	22.23	22.16			
20	16QAM	1	0	22.07	22.15	22.11			
20	16QAM	1	49	22.04	22.09	22.07	23	1	
20	16QAM	1	99	21.99	22.08	22.04			
20	16QAM	50	0	21.25	21.29	21.21			
20	16QAM	50	24	21.13	21.15	21.14			
20	16QAM	50	50	21.11	21.17	21.07	22	2	
20	16QAM	100	0	21.19	21.27	21.21			
20	64QAM	1	0	20.67	20.72	20.64			
20	64QAM	1	49	20.61	20.62	20.55			
20	64QAM	1	99	20.56	20.64	20.56	22	2	
20	64QAM	50	0	20.23	20.31	20.17			
20	64QAM	50	24	20.14	20.23	20.09			
20	64QAM	50	50	20.09	20.22	20.05			
20	64QAM	100	0	20.18	20.27	20.22	21	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.93	23.06	22.97	24	0	
15	QPSK	1	37	22.94	22.84	22.90			
15	QPSK	1	74	22.88	22.96	23.01			
15	QPSK	36	0	22.17	22.08	22.08			
15	QPSK	36	20	21.98	21.97	21.95	23	1	
15	QPSK	36	39	22.06	22.05	21.92			
15	QPSK	75	0	22.09	22.13	22.06			
15	16QAM	1	0	22.00	22.12	22.03			
15	16QAM	1	37	21.95	21.96	21.95	23	1	
15	16QAM	1	74	21.93	21.95	21.92			
15	16QAM	36	0	21.14	21.18	21.13			
15	16QAM	36	20	21.06	21.01	21.11			
15	16QAM	36	39	21.03	21.07	20.99	22	2	
15	16QAM	75	0	21.11	21.23	21.12			
15	64QAM	1	0	20.62	20.62	20.54			
15	64QAM	1	37	20.49	20.49	20.47			
15	64QAM	1	74	20.45	20.56	20.53	22	2	
15	64QAM	36	0	20.10	20.24	20.06			
15	64QAM	36	20	20.00	20.16	19.96			
15	64QAM	36	39	19.97	20.14	19.96			
15	64QAM	75	0	20.11	20.14	20.16	21	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.94	23.01	22.95	24	0	
10	QPSK	1	25	22.92	22.94	22.90			
10	QPSK	1	49	22.92	22.97	23.01			
10	QPSK	25	0	22.07	22.20	21.98			
10	QPSK	25	12	22.02	21.99	21.98	23	1	
10	QPSK	25	25	22.01	22.08	22.02			
10	QPSK	50	0	22.03	22.14	22.09			
10	16QAM	1	0	22.03	22.03	21.97			
10	16QAM	1	25	21.91	22.05	22.00	23	1	
10	16QAM	1	49	21.85	21.94	21.93			
10	16QAM	25	0	21.13	21.24	21.13			
10	16QAM	25	12	21.00	21.07	21.01			
10	16QAM	25	25	21.01	21.08	21.04	22	2	
10	16QAM	50	0	21.11	21.17	21.12			
10	64QAM	1	0	20.63	20.63	20.50			
10	64QAM	1	25	20.58	20.55	20.44			
10	64QAM	1	49	20.47	20.51	20.47	22	2	
10	64QAM	25	0	20.19	20.20	20.13			
10	64QAM	25	12	20.05	20.17	19.94			
10	64QAM	25	25	19.96	20.10	19.97			
10	64QAM	50	0	20.05	20.16	20.16	21	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.94	22.96	23.03	24	0	
5	QPSK	1	12	22.93	22.84	22.95			
5	QPSK	1	24	22.94	23.04	23.04			
5	QPSK	12	0	22.15	22.10	22.07			
5	QPSK	12	7	21.99	22.00	21.99	23	1	
5	QPSK	12	13	22.00	22.08	21.98			
5	QPSK	25	0	22.01	22.09	22.06			
5	16QAM	1	0	22.04	22.01	21.98			
5	16QAM	1	12	21.92	21.95	22.02	23	1	
5	16QAM	1	24	21.92	21.96	21.92			
5	16QAM	12	0	21.18	21.19	21.18			
5	16QAM	12	7	20.99	21.09	21.00			
5	16QAM	12	13	21.05	21.08	20.95	22	2	
5	16QAM	25	0	21.13	21.22	21.13			
5	64QAM	1	0	20.61	20.68	20.53			
5	64QAM	1	12	20.55	20.53	20.50			
5	64QAM	1	24	20.52	20.55	20.44	22	2	
5	64QAM	12	0	20.15	20.17	20.06			
5	64QAM	12	7	19.99	20.15	19.99			
5	64QAM	12	13	19.96	20.10	19.92			
5	64QAM	25	0	20.12	20.21	20.14	21	3	

band41 Ant0 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2545		
20	QPSK	1	0	23.14	23.09	22.96	23.12	24	0
20	QPSK	1	49	23.09	22.94	22.90	23.00		
20	QPSK	1	99	23.10	22.98	22.83	23.06		
20	QPSK	50	0	22.15	22.05	22.02	22.06		
20	QPSK	50	24	22.02	21.94	21.96	21.98	23	1
20	QPSK	50	50	22.12	22.00	21.96	21.80		
20	QPSK	100	0	22.26	22.21	22.16	22.18		
20	16QAM	1	0	22.13	22.00	22.02	22.07		
20	16QAM	1	49	22.10	21.96	21.97	21.92	23	1
20	16QAM	1	99	22.06	21.86	21.99	21.96		
20	16QAM	50	0	21.22	21.17	21.07	21.11		
20	16QAM	50	24	21.11	21.02	20.93	21.14		
20	16QAM	50	50	21.12	21.12	21.03	21.03	22	2
20	16QAM	100	0	21.29	21.14	21.14	21.20		
20	64QAM	1	0	20.74	20.62	20.69	20.62		
20	64QAM	1	49	20.62	20.49	20.56	20.53		
20	64QAM	1	99	20.64	20.48	20.65	20.57	22	2
20	64QAM	50	0	20.27	20.23	20.16	20.14		
20	64QAM	50	24	20.14	20.14	20.06	20.07		
20	64QAM	50	50	20.13	20.18	20.05	20.01		
20	64QAM	100	0	20.28	20.16	20.23	20.17	21	3
Channel				40115	40395	40685	41165		
Frequency (MHz)				2542.5	2570.5	2599.5	2547.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.03	23.04	22.86	22.99	24	0
15	QPSK	1	37	22.96	22.85	22.81	22.94		
15	QPSK	1	74	23.02	22.93	22.75	22.92		
15	QPSK	36	0	22.03	21.98	21.99	21.87		
15	QPSK	36	20	21.91	21.82	21.83	21.76	23	1
15	QPSK	36	39	22.06	21.89	21.84	21.74		
15	QPSK	75	0	22.24	22.14	22.11	22.04		
15	16QAM	1	0	21.99	21.94	21.96	21.90		
15	16QAM	1	37	21.95	21.84	21.88	21.79	23	1
15	16QAM	1	74	21.92	21.81	21.86	21.91		
15	16QAM	36	0	21.13	21.13	21.03	21.12		
15	16QAM	36	20	21.00	20.95	20.83	21.11		
15	16QAM	36	39	21.02	21.05	20.94	20.93	22	2
15	16QAM	75	0	21.20	21.02	21.09	21.10		
15	64QAM	1	0	20.60	20.46	20.61	20.58		
15	64QAM	1	37	20.54	20.39	20.49	20.56		
15	64QAM	1	74	20.55	20.39	20.60	20.42	22	2
15	64QAM	36	0	20.22	20.15	20.03	20.16		
15	64QAM	36	20	20.09	20.06	19.95	19.95		
15	64QAM	36	39	20.10	20.08	19.96	19.90		
15	64QAM	75	0	20.19	20.11	20.16	20.04	21	3
Channel				40390	40390	40680	41190		
Frequency (MHz)				2562.5	2562.5	2591.5	2562.5	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	23.11	23.04	22.86	23.01	24	0
10	QPSK	1	25	22.96	22.81	22.75	22.85		
10	QPSK	1	49	23.02	22.84	22.69	23.00		
10	QPSK	25	0	22.04	21.92	22.02	22.01		
10	QPSK	25	12	21.94	21.88	21.86	21.82	23	1
10	QPSK	25	37	22.01	21.92	21.91	21.87		
10	QPSK	50	0	22.20	22.18	22.07	22.08		
10	16QAM	1	0	22.05	21.89	21.99	22.03		
10	16QAM	1	25	22.06	21.89	21.93	21.80	23	1
10	16QAM	1	49	21.96	21.74	21.86	21.92		
10	16QAM	25	0	21.12	21.04	21.00	21.08		
10	16QAM	25	12	21.08	20.99	20.91	21.00		
10	16QAM	25	25	21.07	21.08	20.98	20.94	22	2
10	16QAM	50	0	21.25	21.04	21.08	21.11		
10	64QAM	1	0	20.60	20.56	20.57	20.50		
10	64QAM	1	25	20.56	20.45	20.43	20.49		
10	64QAM	1	49	20.60	20.46	20.46	20.46	22	2
10	64QAM	25	0	20.15	20.10	20.12	20.10		
10	64QAM	25	12	20.08	20.04	19.96	19.95		
10	64QAM	25	25	20.00	20.00	19.90	19.93		
10	64QAM	50	0	20.13	20.08	20.20	20.11	21	3
Channel				40065	40385	40705	42115		
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.18	23.06	22.86	22.98	24	0
5	QPSK	1	12	23.05	22.85	22.77	22.95		
5	QPSK	1	24	23.02	22.90	22.69	22.91		
5	QPSK	12	0	22.01	22.00	21.94	21.98		
5	QPSK	12	7	21.94	21.90	21.86	21.85	23	1
5	QPSK	12	13	22.06	21.95	21.84	21.78		
5	QPSK	25	0	22.14	22.11	22.12	22.12		
5	QPSK	25	12	22.02	21.88	21.92	21.96		
5	16QAM	1	0	21.95	21.84	21.84	21.81	23	1
5	16QAM	1	24	21.99	21.78	21.74	21.93		
5	16QAM	12	0	21.12	21.11	21.03	21.08		
5	16QAM	12	13	20.96	20.91	20.89	21.07		
5	16QAM	12	13	20.88	20.86	20.97	20.97	22	2
5	16QAM	25	0	21.17	21.04	21.04	21.13		
5	64QAM	1	0	20.65	20.50	20.56	20.55		
5	64QAM	1	12	20.49	20.40	20.52	20.39		
5	64QAM	1	24	20.51	20.42	20.52	20.45	22	2
5	64QAM	12	0	20.19	20.17	20.06	20.20		
5	64QAM	12	13	20.06	20.06	20.01	19.97		
5	64QAM	12	13	19.99	20.00	19.91	19.97		
5	64QAM	25	0	20.15	20.04	20.09	20.12	21	3

Reduced Power Mode for Sensor On

GSM850 Anti0 Sensor On									
GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit	
	128	188	251		128	188	251		
TX Channel	824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	(dBm)	
Frequency (MHz)	824.2	836.4	848.6		824.2	836.4	848.6		
GPRS 1 Tx slot	31.45	31.71	31.95	32.50	22.45	22.71	22.95	23.50	
GPRS 2 Tx slots	30.61	30.84	30.75	32.00	24.61	24.84	24.75	25.00	
GPRS 3 Tx slots	28.80	29.01	28.94	30.00	24.54	24.75	24.68	25.74	
GPRS 4 Tx slots	27.48	27.77	27.61	28.50	24.48	24.77	24.61	25.50	
EDGE 1 Tx slot	20.96	21.05	21.14	28.00	17.96	18.05	18.14	19.00	
EDGE 2 Tx slots	25.46	25.62	25.72	27.00	19.46	19.62	19.72	21.00	
EDGE 3 Tx slots	23.01	23.41	23.30	24.50	18.75	19.15	19.04	20.24	
EDGE 4 Tx slots	21.65	21.74	21.78	23.00	18.65	18.74	18.78	20.00	

GSM1900 Anti0 Sensor On									
GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit	
	512	661	810		512	661	810		
TX Channel	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8		
GPRS 1 Tx slot	26.57	26.84	26.72	28.00	17.57	17.84	17.72	19.00	
GPRS 2 Tx slots	25.60	25.88	25.84	27.00	19.60	19.88	19.84	21.00	
GPRS 3 Tx slots	23.83	23.97	23.84	25.00	19.57	19.61	19.58	20.74	
GPRS 4 Tx slots	22.29	22.34	22.24	24.00	19.29	19.34	19.24	21.00	
EDGE 1 Tx slot	23.74	23.84	23.80	25.00	14.74	14.84	14.80	16.00	
EDGE 2 Tx slots	22.59	22.73	22.56	24.00	16.59	16.73	16.56	18.00	
EDGE 3 Tx slots	20.31	20.46	20.37	22.00	16.05	16.20	16.11	17.74	
EDGE 4 Tx slots	19.15	19.21	19.22	20.50	16.15	16.21	16.22	17.50	

WCDMA II Anti0 Sensor On									
WCDMA II				WCDMA IV				WCDMA V	
Band				Band				Band	
TX Channel				TX Channel				TX Channel	
Frequency (MHz)				Frequency (MHz)				Frequency (MHz)	
3GPP Rel 99	9262	9400	9538	1312	1413	1513	4132	4182	4233
3GPP Rel 6	9662	9800	9938	1637	1638	1738	4367	4407	4458
3GPP Rel 6	1852.4	1880	1901.6	1712.4	1722.4	1752.6	824.4	836.4	848.6
3GPP Rel 99	20.90	20.98	20.95	22.00	20.61	20.70	20.74	22.00	23.06
3GPP Rel 6	19.59	19.74	19.75	21.00	19.67	19.74	19.84	21.00	22.02
3GPP Rel 6	19.66	19.74	19.62	21.00	19.60	19.60	19.54	21.00	21.97
3GPP Rel 6	19.14	19.21	19.16	20.50	19.07	19.19	19.06	20.50	21.47
3GPP Rel 6	19.05	19.21	19.18	20.50	19.05	19.24	19.32	20.50	21.38
3GPP Rel 6	19.45	19.61	19.62	21.00	19.53	19.61	19.73	21.00	21.97
3GPP Rel 6	19.57	19.60	19.50	21.00	19.53	19.49	19.41	21.00	21.83
3GPP Rel 6	19.08	19.15	19.04	20.50	18.96	19.10	19.96	20.50	21.38
3GPP Rel 6	18.92	19.15	19.16	20.50	18.91	19.15	19.18	20.50	21.35
3GPP Rel 6	19.69	19.69	19.63	21.00	19.74	19.65	19.77	21.00	22.11
3GPP Rel 6	17.57	17.70	17.70	18.00	17.59	17.81	17.85	18.00	19.94
3GPP Rel 6	19.61	19.64	18.78	20.00	18.55	18.61	18.75	20.00	20.94
3GPP Rel 6	17.51	17.61	17.59	19.00	17.53	17.68	17.60	19.00	19.97
3GPP Rel 6	19.46	19.67	19.71	21.00	19.54	19.76	19.89	21.00	21.96
3GPP Rel 7	17.66	17.22	17.10	18.50	17.23	17.28	17.19	18.50	19.53

Band 2 Ant0 Sensor On										
BW (MHz)	Module on Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1890	1890	1900				
20	QPSK 1	0	21.19	21.24	21.10					
20	QPSK 1	49	21.13	21.14	21.12		22.5	0		
20	QPSK 1	99	21.13	21.13	21.12					
20	QPSK 50	0	21.16	21.17	21.17					
20	QPSK 50	24	21.14	21.11	21.15		22.5	0		
20	QPSK 50	50	21.18	21.17	21.19					
20	QPSK 100	0	21.10	21.15	21.14					
20	16QAM 1	0	21.15	21.12	21.14		22.5	0		
20	16QAM 1	49	21.16	21.17	21.16					
20	16QAM 1	99	21.11	21.16	21.15					
20	16QAM 50	0	20.83	20.89	20.88					
20	16QAM 50	24	20.69	20.58	20.69		22	0.5		
20	16QAM 50	50	20.66	20.66	20.72					
20	16QAM 100	0	20.83	20.89	20.82					
20	16QAM 1	0	20.67	20.85	20.63		22	0.5		
20	16QAM 1	49	20.67	20.82	20.66					
20	16QAM 1	99	20.65	20.63	20.61					
20	16QAM 50	0	20.21	20.32	20.12					
20	16QAM 50	24	20.22	20.18	20.11		21	1.5		
20	16QAM 50	50	20.15	20.21	20.09					
20	16QAM 100	0	20.10	20.14	20.13					
Channel				1897.5	1890	1912.5	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1897.5	1890	1912.5				
15	QPSK 1	0	21.14	21.13	21.02					
15	QPSK 1	37	21.06	21.08	21.02		22.5	0		
15	QPSK 1	74	20.98	21.00	21.05					
15	QPSK 36	0	20.97	21.14	21.12					
15	QPSK 36	36	21.07	21.02	21.05		22.5	0		
15	QPSK 36	39	21.03	21.10	21.11					
15	QPSK 75	0	20.98	21.02	21.00					
15	16QAM 1	0	21.01	21.02	21.07		22.5	0		
15	16QAM 1	37	21.08	21.12	21.05					
15	16QAM 1	74	21.04	21.02	21.10					
15	16QAM 36	0	20.49	20.58	20.57					
15	16QAM 36	20	20.63	20.50	20.56		22	0.5		
15	16QAM 36	39	20.59	20.52	20.58					
15	16QAM 75	0	20.55	20.64	20.58					
15	16QAM 1	0	20.56	20.56	20.53		22	0.5		
15	16QAM 1	37	20.53	20.54	20.55					
15	16QAM 1	74	20.59	20.55	20.53					
15	16QAM 36	0	20.11	20.24	19.99					
15	16QAM 36	20	20.15	20.13	19.98		21	1.5		
15	16QAM 36	39	20.03	20.06	20.03					
15	16QAM 75	0	20.10	20.04	19.98					
Channel				1899.5	1890	1910	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1899.5	1890	1910				
10	QPSK 1	0	21.07	21.09	20.97					
10	QPSK 1	25	21.07	21.01	21.03		22.5	0		
10	QPSK 1	49	21.04	21.00	21.01					
10	QPSK 25	0	21.07	21.14	21.12					
10	QPSK 25	12	21.07	21.02	21.05		22.5	0		
10	QPSK 25	25	21.06	21.04	21.07					
10	QPSK 50	0	21.03	21.03	21.04					
10	16QAM 1	0	21.04	20.98	21.00		22.5	0		
10	16QAM 1	25	21.07	21.06	21.07					
10	16QAM 1	49	20.96	20.95	21.01					
10	16QAM 25	0	20.56	20.55	20.59					
10	16QAM 25	12	20.56	20.53	20.63		22	0.5		
10	16QAM 25	25	20.54	20.57	20.58					
10	16QAM 50	0	20.52	20.63	20.49					
10	16QAM 1	0	20.56	20.56	20.56		22	0.5		
10	16QAM 1	25	20.53	20.47	20.58					
10	16QAM 1	49	20.51	20.57	20.47					
10	16QAM 25	0	20.10	20.24	20.02					
10	16QAM 25	12	20.13	20.10	19.98		21	1.5		
10	16QAM 25	25	20.05	20.12	19.95					
10	16QAM 50	0	20.06	20.06	19.97					
Channel				1899.5	1890	1910	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1899.5	1890	1910				
5	QPSK 1	0	21.06	21.14	20.95					
5	QPSK 1	12	21.05	21.02	21.02		22.5	0		
5	QPSK 1	24	21.03	21.01	20.99					
5	QPSK 12	0	21.03	21.06	21.04					
5	QPSK 12	6	21.08	21.02	21.05		22.5	0		
5	QPSK 12	13	21.05	21.03	21.12					
5	QPSK 25	0	20.97	21.06	21.06					
5	16QAM 1	0	21.07	21.01	21.04		22.5	0		
5	16QAM 1	12	21.06	21.08	21.05					
5	16QAM 1	24	21.04	21.10	21.10					
5	16QAM 12	0	20.48	20.58	20.59					
5	16QAM 12	7	20.63	20.52	20.55		22	0.5		
5	16QAM 12	13	20.56	20.57	20.60					
5	16QAM 25	0	20.51	20.58	20.52					
5	16QAM 1	0	20.56	20.56	20.56		22	0.5		
5	16QAM 1	12	20.61	20.55	20.52					
5	16QAM 1	24	20.52	20.53	20.50					
5	16QAM 12	0	20.14	20.20	20.02					
5	16QAM 12	7	20.07	20.09	20.03		21	1.5		
5	16QAM 12	13	20.06	20.16	19.96					
5	16QAM 25	0	20.06	20.06	19.97					
Channel				1899.5	1890	1910	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1899.5	1890	1910				
1.4	QPSK 1	0	21.13	21.11	20.96					
1.4	QPSK 1	3	21.03	21.00	21.06		22.5	0		
1.4	QPSK 1	5	21.08	20.99	21.02					
1.4	QPSK 3	0	21.08	21.06	21.06					
1.4	QPSK 3	1	21.02	21.01	21.05		22.5	0		
1.4	QPSK 3	3	21.05	21.05	21.09					
1.4	QPSK 6	0	21.04	21.04	21.06		22.5	0		
1.4	16QAM 1	0	21.02	21.07	21.03					
1.4	16QAM 1	3	21.11	21.07	21.01					
1.4	16QAM 1	5	20.98	21.04	21.09		22.5	0		
1.4	16QAM 3	0	20.52	20.61	20.57					
1.4	16QAM 3	1	20.55	20.50	20.63					
1.4	16QAM 3	3	20.53	20.51	20.67		22	0.5		
1.4	16QAM 3	0	20.58	20.63	20.57					
1.4	16QAM 1	0	20.56	20.56	20.57		22	0.5		
1.4	16QAM 1	3	20.59	20.55	20.60					
1.4	16QAM 1	5	20.52	20.51	20.47		22	0.5		
1.4	16QAM 3	0	20.10	20.18	20.06					
1.4	16QAM 3	1	20.13	20.04	20.01		21	1.5		
1.4	16QAM 3	3	20.02	20.07	20.04					
1.4	16QAM 6	0	20.17	20.09	19.98		21	1.5		

Band 4 Ant0 Sensor On										
BW (MHz)	Module on Channel	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	21.52	21.64	21.58			22.5	0
20	QPSK	1	49	21.58	21.59	21.49				
20	QPSK	1	99	21.49	21.58	21.54				
20	QPSK	50	0	21.57	21.59	21.51			22.5	0
20	QPSK	50	24	21.50	21.52	21.56				
20	QPSK	50	50	21.58	21.50	21.57				
20	QPSK	100	0	21.59	21.60	21.56			22.5	0
20	16QAM	1	0	21.58	21.49	21.57				
20	16QAM	1	49	21.58	21.51	21.56				
20	16QAM	1	99	21.65	21.50	21.52			22	0.5
20	16QAM	50	0	21.01	21.24	21.13				
20	16QAM	50	24	21.07	21.21	21.06				
20	16QAM	100	0	20.96	21.02	21.03			22	0.5
20	16QAM	100	0	20.92	21.04	20.96				
20	64QAM	1	0	20.92	21.14	21.05				
20	64QAM	1	49	20.93	21.18	21.00			22	0.5
20	64QAM	1	99	21.01	21.19	21.02				
20	64QAM	50	0	20.12	20.30	19.98				
20	64QAM	50	24	20.15	20.12	20.13			21	1.5
20	64QAM	50	50	20.03	20.18	20.04				
20	64QAM	100	0	20.15	20.09	20.03				
Channel				20025	20175	20305	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	21.43	21.54	21.46			22.5	0
15	QPSK	1	97	21.46	21.45	21.36				
15	QPSK	1	194	21.49	21.49	21.47				
15	QPSK	36	0	21.43	21.46	21.43			22.5	0
15	QPSK	36	20	21.36	21.43	21.44				
15	QPSK	36	39	21.49	21.43	21.51				
15	16QAM	1	0	21.48	21.38	21.51			22.5	0
15	16QAM	1	97	21.47	21.47	21.47				
15	16QAM	1	194	21.50	21.42	21.40				
15	16QAM	36	0	20.90	21.16	21.01			22	0.5
15	16QAM	36	20	20.96	21.10	20.93				
15	16QAM	36	39	20.83	21.03	20.91				
15	64QAM	75	0	20.85	20.95	20.85			21	1.5
15	64QAM	1	0	20.77	21.02	20.94				
15	64QAM	1	37	20.87	21.05	20.93				
15	64QAM	1	74	20.87	21.04	20.94			22	0.5
15	64QAM	36	0	19.98	20.18	19.90				
15	64QAM	36	20	20.01	20.03	19.98				
15	64QAM	36	39	19.99	20.06	19.94			21	1.5
15	64QAM	75	0	20.07	19.95	19.97				
15	64QAM	75	0	20.07	19.95	19.97				
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1750				
10	QPSK	1	0	21.38	21.55	21.49			22.5	0
10	QPSK	1	25	21.47	21.48	21.37				
10	QPSK	1	49	21.42	21.50	21.41				
10	QPSK	12	0	21.38	21.49	21.39			22.5	0
10	QPSK	25	12	21.37	21.41	21.51				
10	QPSK	25	25	21.51	21.43	21.47				
10	QPSK	50	0	21.46	21.49	21.51			22	0.5
10	16QAM	1	0	21.51	21.42	21.45				
10	16QAM	1	25	21.41	21.39	21.42				
10	16QAM	12	0	21.50	21.41	21.45			22	0.5
10	16QAM	25	0	20.95	21.15	21.06				
10	16QAM	25	12	20.96	21.11	20.95				
10	16QAM	25	25	20.84	21.01	20.95			22	0.5
10	16QAM	50	0	20.77	20.91	20.90				
10	16QAM	50	0	20.82	21.04	20.96				
10	64QAM	25	0	20.82	21.06	20.98			21	1.5
10	64QAM	25	12	20.00	20.01	19.92				
10	64QAM	25	25	19.96	20.04	19.96				
Channel				19925	19994	19935	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	21.47	21.51	21.49			22.5	0
5	QPSK	1	12	21.53	21.45	21.34				
5	QPSK	1	24	21.38	21.47	21.46				
5	QPSK	12	0	21.51	21.49	21.40			22.5	0
5	QPSK	12	12	21.38	21.46	21.41				
5	QPSK	12	13	21.53	21.48	21.45				
5	QPSK	25	0	21.51	21.46	21.46			22.5	0
5	16QAM	1	0	21.46	21.36	21.46				
5	16QAM	1	12	21.47	21.37	21.51				
5	16QAM	1	24	21.46	21.44	21.43			22	0.5
5	16QAM	12	7	20.94	21.17	21.03				
5	16QAM	12	13	20.82	21.03	20.93				
5	16QAM	25	0	20.83	20.99	20.91			21	1.5
5	64QAM	1	0	20.85	21.01	20.98				
5	64QAM	1	12	20.86	21.07	20.98				
5	64QAM	1	24	20.87	21.13	20.93			22	0.5
5	64QAM	12	0	20.04	20.24	19.92				
5	64QAM	12	7	20.00	19.99	19.97				
5	64QAM	12	13	19.90	20.07	19.99			21	1.5
5	64QAM	25	0	20.04	20.03	19.88				
Channel				19995	19975	19935	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
3	QPSK	1	0	21.41	21.59	21.46			22.5	0
3	QPSK	1	8	21.50	21.48	21.39				
3	QPSK	8	0	21.47	21.52	21.38				
3	QPSK	8	7	21.39	21.37	21.48			22.5	0
3	QPSK	7	7	21.46	21.36	21.50				
3	16QAM	15	0	21.44	21.54	21.45				
3	16QAM	1	8	21.48	21.45	21.45			22.5	0
3	16QAM	1	14	21.45	21.40	21.37				
3	16QAM	8	0	20.87	21.12	21.03				
3	16QAM	8	7	20.88	21.13	20.99			22	0.5
3	16QAM	15	0	21.13	21.13	21.03				
3	64QAM	7	7	20.93	21.03	21.02				
3	16QAM	15	0	20.85	20.91	20.91			22	0.5
3	64QAM	1	8	20.86	21.12	20.90				
3	64QAM	1	14	20.88	21.13	20.89				
3	64QAM	8	4	20.05	19.98	19.91			21	1.5
3	64QAM	8	7	19.93	20.08	19.95				
3	64QAM	15	0	20.05	19.99	19.91				
Channel				19957	19975	19935	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	21.45	21.52	21.46			22.5	0
1.4	QPSK	1	8	21.50	21.48	21.44				
1.4	QPSK	1	5	21.40	21.52	21.48				
1.4	QPSK	3	0	21.44	21.46	21.41			22.5	0
1.4	QPSK	3	1	21.45	21.38	21.46				
1.4	QPSK	3	3	21.50	21.39	21.43				
1.4	QPSK	6	0	21.45	21.54	21.50			22.5	0
1.4	16QAM	1	8	21.48	21.45	21.45				
1.4	16QAM	1	3	21.48	21.46	21.47				
1.4	16QAM	1	5	21.41	21.36	21.23			22.5	0
1.4	16QAM	3	0	20.94	21.11	21.03				
1.4	16QAM	3	1	20.97	21.15	20.98				
1.4	16QAM	3	1	20.87	21.01	20.93			22	0.5
1.4	16QAM	6	0	20.94	21.08	20.85				
1.4	64QAM	1	0	20.86	20.99	20.98				
1.4	64QAM	1	3	20.85	21.08	20.92			22	0.5
1.4	64QAM	1	5	20.92	21.05	20.99				
1.4	64QAM	3	0	20.05	20.24	20.10				
1.4	64QAM	3	1	20.07	20.20	20.05			22	0.5
1.4	64QAM	3	1	21.05	20.12	21.05				
1.4	64QAM	6	0	20.02	20.00	19.92				

Band 12 Ant0 Sensor On										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23.00	23.05	23.10				
Frequency (MHz)				704	707.5	711				
10	QPSK	1	0	23.90	23.97	23.87				
10	QPSK	1	25	23.90	23.92	23.74	25	0		
10	QPSK	1	49	23.70	23.91	23.74				
10	QPSK	25	0	22.88	23.04	22.84				
10	QPSK	25	12	22.99	22.95	22.84	24	1		
10	QPSK	25	25	22.93	22.90	22.76				
10	QPSK	50	0	22.86	23.06	22.92				
10	16QAM	1	0	22.92	23.18	22.92	24	1		
10	16QAM	1	25	23.03	22.95	22.96				
10	16QAM	1	49	22.97	23.01	23.00				
10	16QAM	25	0	21.96	22.05	21.91	23	2		
10	16QAM	25	12	21.81	22.03	21.74				
10	16QAM	25	25	21.87	22.03	21.88				
10	16QAM	50	0	21.94	22.06	21.89	23	2		
10	64QAM	1	0	21.85	22.11	21.78				
10	64QAM	1	25	21.91	21.96	21.89				
10	64QAM	1	49	21.86	21.93	21.91	22	3		
10	64QAM	25	0	20.95	21.03	20.82				
10	64QAM	25	12	21.06	20.86	20.78				
10	64QAM	25	25	20.94	20.86	20.89	23	2		
10	64QAM	50	0	20.89	21.04	20.84				
Channel				23.05	23.05	23.05				
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	23.77	23.89	23.79				
5	QPSK	1	12	23.74	23.76	23.54	25	0		
5	QPSK	1	24	23.60	23.77	23.63				
5	QPSK	12	0	22.79	22.91	22.86	24	1		
5	QPSK	12	7	22.91	22.90	22.80				
5	QPSK	12	13	22.76	22.83	22.74				
5	QPSK	25	0	22.74	22.86	22.76	24	1		
5	16QAM	1	0	22.79	23.02	22.74				
5	16QAM	1	12	22.91	22.94	22.97				
5	16QAM	1	24	22.89	22.86	22.83	23	2		
5	16QAM	12	0	21.84	21.91	21.80				
5	16QAM	12	7	21.72	21.91	21.66				
5	16QAM	12	13	21.82	21.87	21.79	23	2		
5	16QAM	25	0	21.87	21.81	21.73				
5	64QAM	1	0	21.77	21.84	21.73				
5	64QAM	1	12	21.86	21.85	21.75	22	3		
5	64QAM	1	24	21.75	21.78	21.74				
5	64QAM	12	0	20.81	20.88	20.76				
5	64QAM	12	7	20.94	20.85	20.83	23	2		
5	64QAM	12	13	20.86	20.71	20.77				
5	64QAM	25	0	20.83	20.78	20.75				
Channel				23.05	23.05	23.05				
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	23.78	23.92	23.77	25	0		
3	QPSK	1	8	23.76	23.84	23.61				
3	QPSK	1	14	23.57	23.79	23.70				
3	QPSK	8	0	22.77	22.94	22.84	24	1		
3	QPSK	8	4	22.84	22.85	22.82				
3	QPSK	8	7	22.81	22.81	22.63				
3	QPSK	15	0	22.73	23.00	22.88	24	1		
3	16QAM	1	0	22.80	23.14	22.80				
3	16QAM	1	8	22.93	22.81	22.63				
3	16QAM	1	14	22.93	22.96	22.86	23	2		
3	16QAM	8	0	21.87	22.00	21.84				
3	16QAM	8	4	21.71	21.91	21.63				
3	16QAM	8	7	21.84	21.90	21.73	23	2		
3	16QAM	15	0	21.84	21.91	21.84				
3	64QAM	1	0	21.76	22.02	21.63				
3	64QAM	1	8	21.86	21.90	21.82	22	3		
3	64QAM	1	14	21.80	21.82	21.79				
3	64QAM	8	0	20.90	20.93	20.70				
3	64QAM	8	4	21.00	20.76	20.69	23	2		
3	64QAM	8	7	20.82	20.76	20.78				
3	64QAM	15	0	20.83	20.83	20.81				
Channel				23.17	23.05	23.17				
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	23.70	23.70	23.52	25	0		
1.4	QPSK	1	3	23.66	23.62	23.58				
1.4	QPSK	1	5	23.55	23.64	23.69				
1.4	QPSK	3	0	23.66	23.62	23.66	24	1		
1.4	QPSK	3	1	23.53	23.65	23.50				
1.4	QPSK	3	3	23.61	23.80	23.72				
1.4	QPSK	6	0	22.91	22.91	22.80	24	1		
1.4	16QAM	1	0	23.01	22.91	22.82				
1.4	16QAM	1	3	22.88	22.84	22.93				
1.4	16QAM	1	5	22.88	23.04	22.90	23	2		
1.4	16QAM	3	0	22.86	22.98	23.01				
1.4	16QAM	3	1	22.91	22.85	22.98				
1.4	16QAM	3	3	22.93	22.89	22.94	23	2		
1.4	16QAM	6	0	21.76	21.88	21.82				
1.4	64QAM	1	0	21.76	22.01	21.84				
1.4	64QAM	1	3	21.83	21.97	21.74	23	2		
1.4	64QAM	1	5	21.77	22.01	21.88				
1.4	64QAM	3	0	21.78	22.01	21.81				
1.4	64QAM	3	1	21.70	21.92	21.95	22	3		
1.4	64QAM	3	3	21.75	21.90	21.75				
1.4	64QAM	6	0	20.99	20.90	20.81				

Band 17 Ant0 Sensor On											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on limit (dBm)	MPR (dB)			
Channel				23750	23790	23800					
Frequency (MHz)				709	710	711					
10	QPSK	1	0	23.87	23.92	23.84	25				
10	QPSK	1	25	23.87	23.91	23.68					
10	QPSK	1	49	23.74	23.90	23.72					
10	QPSK	25	0	22.85	22.98	22.90					
10	QPSK	12	7	22.85	22.95	22.90	24	1			
10	QPSK	25	25	22.87	22.93	22.78					
10	QPSK	50	0	22.81	22.90	22.86					
10	16QAM	1	0	22.86	23.12	22.85					
10	16QAM	1	25	23.01	22.98	23.00	24	1			
10	16QAM	1	49	23.02	22.95	22.97					
10	16QAM	25	0	21.94	21.98	21.87					
10	16QAM	25	12	21.78	21.98	21.77					
10	16QAM	25	25	21.90	21.99	21.87	23	2			
10	16QAM	50	0	21.96	21.90	21.85					
10	84QAM	1	0	21.84	21.95	21.82					
10	84QAM	1	25	21.89	21.98	21.86					
10	84QAM	1	49	21.83	21.92	21.85	22	3			
10	84QAM	25	0	20.90	20.99	20.85					
10	84QAM	25	12	21.01	20.88	20.93					
10	84QAM	25	25	20.93	20.83	20.87					
Channel				23750	23790	23800	Turn-on limit (dBm)				
Frequency (MHz)				706.5	710	713.5					
5	QPSK	1	0	23.83	23.82	23.71	25	0			
5	QPSK	1	12	23.77	23.83	23.65					
5	QPSK	1	24	23.68	23.79	23.64					
5	QPSK	12	7	22.90	22.85	22.79					
5	QPSK	12	13	22.81	22.82	22.68	24	1			
5	QPSK	25	0	22.68	22.84	22.83					
5	16QAM	1	0	22.81	23.08	22.73					
5	16QAM	1	12	22.87	22.87	22.91					
5	16QAM	1	24	22.91	22.83	22.83	24	1			
5	16QAM	12	0	21.85	21.84	21.80					
5	16QAM	12	7	21.64	21.95	21.68					
5	16QAM	12	13	21.78	21.94	21.76					
5	16QAM	25	0	21.89	21.85	21.73	23	2			
5	84QAM	1	0	21.69	21.86	21.76					
5	84QAM	1	12	21.85	21.92	21.81					
5	84QAM	1	24	21.78	21.81	21.72					
5	84QAM	12	0	20.78	20.87	20.81	22	3			
5	84QAM	12	7	20.90	20.74	20.60					
5	84QAM	12	13	20.85	20.77	20.80					
5	84QAM	25	0	20.75	20.88	20.78					

Band 25 Ant0 Sensor On											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-on limit (dBm)	MPR (dB)			
Channel				26140	26340	26590					
Frequency (MHz)				1860	1880	1905					
20	QPSK	1	0	21.53	21.55	21.48	22.5	0			
20	QPSK	1	49	21.15	21.16	21.16					
20	QPSK	1	99	21.14	21.18	21.16					
20	QPSK	50	0	21.32	21.41	21.32					
20	QPSK	50	24	21.14	21.20	21.13	22.5	0			
20	QPSK	50	50	21.14	21.10	21.18					
20	QPSK	100	0	21.17	21.18	21.15					
20	16QAM	1	0	21.12	21.14	21.13					
20	16QAM	1	49	21.19	21.16	21.18	22.5	0			
20	16QAM	1	99	21.16	21.19	21.20					
20	16QAM	50	0	20.97	21.01	21.00					
20	16QAM	50	24	20.92	20.94	20.86					
20	16QAM	50	50	20.88	20.88	20.92	22	0.5			
20	16QAM	100	0	21.02	21.06	21.05					
20	84QAM	1	0	21.02	21.04	21.00					
20	84QAM	1	49	20.95	20.91	20.89					
20	84QAM	1	99	20.89	20.95	20.93	22	0.5			
20	84QAM	50	0	20.10	20.97	20.12					
20	84QAM	50	24	19.95	20.03	20.00					
20	84QAM	50	50	20.03	20.02	19.99					
Channel				26115	26340	26615	Turn-on limit (dBm)				
Frequency (MHz)				1857.5	1880	1907.5					
15	QPSK	1	0	21.03	21.14	21.06	22.5	0			
15	QPSK	1	37	21.00	21.04	21.04					
15	QPSK	1	74	21.05	21.03	21.06					
15	QPSK	36	20	21.01	21.11	20.99					
15	QPSK	36	39	21.07	21.04	21.07	22.5	0			
15	QPSK	75	0	21.06	21.04	21.06					
15	16QAM	1	0	21.05	21.00	21.08					
15	16QAM	1	37	21.08	21.08	21.06					
15	16QAM	1	74	21.05	21.05	21.14	22.5	0			
15	16QAM	36	0	20.89	20.89	20.94					
15	16QAM	36	20	20.81	20.84	20.76					
15	16QAM	36	39	20.80	20.79	20.87					
15	16QAM	75	0	20.93	20.96	20.98	22	0.5			
15	84QAM	1	0	20.95	20.99	20.91					
15	84QAM	1	37	20.74	20.81	20.83					
15	84QAM	1	74	20.76	20.81	20.81					
15	84QAM	36	0	20.03	20.02	20.03	22			0.5	
15	84QAM	36	20	19.82	19.88	19.91					
15	84QAM	36	39	19.97	19.95	19.93					
15	84QAM	75	0	19.87	19.86	19.87					
Channel				26200	26340	26640	Turn-on limit (dBm)				
Frequency (MHz)				1865	1880	1910					
10	QPSK	1	0	21.06	21.20	21.04	22.5	0			
10	QPSK	1	25	21.05	21.02	21.10					
10	QPSK	1	49	21.03	21.12	21.01					
10	QPSK	25	0	21.02	21.06	20.98					
10	QPSK	25	12	21.08	21.14	21.01	22.5	0			
10	QPSK	25	25	21.04	20.95	21.07					
10	QPSK	50	0	21.06	21.05	21.09					
10	16QAM	1	0	20.99	21.00	21.02					
10	16QAM	1	25	21.06	21.05	21.12	22.5	0			
10	16QAM	1	49	21.05	21.13	21.08					
10	16QAM	25	0	20.84	20.96	20.91					
10	16QAM	25	12	20.86	20.82	20.72					
10	16QAM	25	25	20.83	20.76	20.81	22	0.5			
10	16QAM	50	0	20.92	20.98	20.91					
10	84QAM	1	0	20.96	20.99	20.91					
10	84QAM	1	25	20.76	20.77	20.77					
10	84QAM	1	49	20.75	20.86	20.84	22			0.5	
10	84QAM	25	0	20.02	20.01	19.98					
10	84QAM	25	12	19.82	19.91	19.86					
10	84QAM	25	25	19.91	19.88	19.86					
Channel				26182	26340	26652	Turn-on limit (dBm)				
Frequency (MHz)				1852.5	1880	1912.5					
5	QPSK	1	0	20.99	21.14	21.09	22.5	0			
5	QPSK	1	12	21.04	21.10	21.07					
5	QPSK	1	24	21.00	21.11	21.06					
5	QPSK	12	0	20.97	21.15	20.98					
5	QPSK	12	7	21.04	21.08	21.08	22.5	0			
5	QPSK	12	13	21.02	21.02	21.06					
5	QPSK	25	0	21.09	21.11	21.03					
5	16QAM	1	0	21.06	20.99	21.06					
5	16QAM	1	12	21.05	21.07	21.06	22.5	0			
5	16QAM	1	24	21.05	21.09	21.08					
5	16QAM	12	0	20.92	20.93	20.94					
5	16QAM	12	7	20.83	20.81	20.79					
5	16QAM	12	13	20.76	20.76	20.84	22	0.5			
5	16QAM	25	0	20.91	21.01	20.94					
5	16QAM	1	0	20.93	20.93	20.91					
5	16QAM	1	12	20.73	20.84	20.79					
5	16QAM	1	24	20.77	20.87	20.81	22			0.5	
5	16QAM	12	0	20.90	20.90	20.87					
5	16QAM	12	7	19.80	19.97	19.91					
5	16QAM	12	13	19.91	19.89	19.86					
5	16QAM	25	0	19.84	19.96	19.88	22	0.5			
5	16QAM	25	12	19.88	19.88	19.86					
5	16QAM	25	25	19.88	19.88	19.86					
5	16QAM	50	0	19.82	19.92	19.82					
Channel				26255	26340	26675	Turn-on limit (dBm)				
Frequency (MHz)				1821.5	1820	1913.5					
3	QPSK	1	0	20.99	21.14	21.09	22.5	0			
3	QPSK	1	8	21.07	21.04	21.08					
3	QPSK	1	14	21.07	21.08	21.07					
3	QPSK	8	0	21.02	21.15	20.97					
3	QPSK	8	4	21.04	21.10	21.03	22.5	0			
3	QPSK	8	7	21.00	20.97	21.12					
3	QPSK	8	14	21.04	21.12	21.08					
3	16QAM	1	0	20.98	21.08	21.06					
3	16QAM	1	8	21.09	21.13	21.11	22.5	0			
3	16QAM	1	14	21.05	21.03	21.06					
3	16QAM	8	0	20.85	20.89	20.94					
3	16QAM	8	4	20.82	20.82	20.79					
3	16QAM	8	7	20.74	20.74	20.84	22	0.5			
3	16QAM	15	0	20.92	20.92	20.96					
3	16QAM	1	0	20.87	20.93	20.94					
3	16QAM	1	8	20.74	20.80	20.73					
3	16QAM	1	14	20.82	20.87	20.87	22			0.5	
3	16QAM	8	0	19.96	20.00	20.00					
3	16QAM	8	4	19.96	20.00	19.93					
3	16QAM	8	7	19.96	19.99	19.92					
3	16QAM	15	0	19.89	19.91	19.94	22	0.5			
3	16QAM	1	0	20.87	20.93	20.94					
3	16QAM	1	8	20.74	20.80	20.73					
3	16QAM	1	14	20.82	20.87	20.87					
3	16QAM	8	0	19.96	20.00	20.00	22			0.5	
3	16QAM	8	4	19.96	20.00	19.93					
3	16QAM	8	7	19.96	19.99	19.92					
3	16QAM	15	0	19.89	19.91	19.94					
Channel				26047	26340	26693	Turn-on limit (dBm)				
Frequency (MHz)				1850.7	1880	1914.3					
1.4	QPSK	1	0	21.06	21.13	21.09	22.5	0			
1.4	QPSK	3	5	21.03	21.08	21.08					
1.4	QPSK	3	5	21.05	21.04	21.05					
1.4	QPSK	3	0	21.00	21.07	21.02					
1.4	QPSK	3	1	21.07	21.08	21.05	22.5	0			
1.4	QPSK	6	5	21.02	20.96	21.01					
1.4	QPSK	6	0	21.06	21.06	21.07					
1.4	QPSK	6	0	21.05	21.04	21.05					
1.4	16QAM	3	5	21.13	21.13	21.13	22.5	0			
1.4	16QAM	3	5	21.06	21.11	21.06					
1.4	16QAM	3	0	20.85	20.93	20.87					
1.4	16QAM	3	1	20.84	20.84	20.74					
1.4	16QAM	3	3	20.76	20.83	20.83	22	0.5			
1.4	16QAM	6	0	20.97	20.97	20.96					
1.4	16QAM	6	0	20.94	20.94	20.94					
1.4	16QAM	3	0	20.72	20.84	20.75					
1.4	16QAM	1	5	20.86	20.93	20.87	22			0.5	
1.4	16QAM	3	0	20.84	20.84	20.74					
1.4	16QAM	3	1	20.76	20.83	20.83					
1.4	16QAM	3	3	20.97	20.97	20.96					
1.4	16QAM	6	0	19.87	19.92	19.82	21	0.5			
1.4	16QAM	6	0	19.87	19.92	19.82					
1.4	16QAM	6	0	19.87	19.92	19.82					
1.4	16QAM	6	0	19.87	19.92	19.82					

Band 66 Ant0 Sensor On										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	21.64	21.70	21.50	22.5	0		
20	QPSK	1	49	21.81	21.58	21.82				
20	QPSK	1	99	21.58	21.63	21.59				
20	QPSK	50	0	21.64	21.66	21.59	22.5	0		
20	QPSK	50	24	21.65	21.57	21.60				
20	QPSK	50	50	21.63	21.60	21.65				
20	16QAM	1	0	21.57	21.63	21.60	22.5	0		
20	16QAM	1	49	21.84	21.59	21.56				
20	16QAM	1	99	21.56	21.63	21.60				
20	16QAM	50	0	21.22	21.25	21.15	22	0.5		
20	16QAM	50	24	21.08	21.19	21.04				
20	16QAM	50	50	21.17	21.17	21.09				
20	64QAM	1	0	21.17	21.12	21.11	22	0.5		
20	64QAM	1	49	21.08	21.12	21.09				
20	64QAM	1	99	21.16	21.14	21.07				
20	64QAM	50	0	20.18	20.32	20.24	21	1.5		
20	64QAM	50	24	20.15	20.27	20.19				
20	64QAM	50	50	20.08	20.18	20.20				
20	64QAM	100	0	20.28	20.37	20.24				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	21.52	21.61	21.55	22.5	0		
15	QPSK	1	37	21.49	21.49	21.52				
15	QPSK	1	74	21.45	21.53	21.51				
15	QPSK	36	0	21.51	21.54	21.47	22.5	0		
15	QPSK	36	20	21.53	21.48	21.49				
15	QPSK	36	39	21.55	21.50	21.54				
15	QPSK	75	0	21.51	21.56	21.48	22.5	0		
15	16QAM	1	0	21.44	21.52	21.51				
15	16QAM	1	37	21.52	21.51	21.46				
15	16QAM	1	74	21.43	21.55	21.47	22	0.5		
15	16QAM	36	0	21.10	21.19	21.06				
15	16QAM	36	20	20.95	21.11	20.95				
15	16QAM	36	39	21.04	21.06	21.00	22	0.5		
15	16QAM	75	0	21.15	21.21	21.15				
15	64QAM	1	0	21.06	21.05	20.97				
15	64QAM	1	37	20.94	21.03	20.96	22	0.5		
15	64QAM	1	74	21.07	21.08	20.97				
15	64QAM	36	0	20.09	20.26	20.15				
15	64QAM	36	20	20.08	20.19	20.08	21	1.5		
15	64QAM	36	39	19.97	20.08	20.12				
15	64QAM	75	0	20.19	20.30	20.25				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	21.50	21.59	21.46	22.5	0		
10	QPSK	1	25	21.52	21.50	21.51				
10	QPSK	1	49	21.44	21.54	21.46				
10	QPSK	25	0	21.57	21.58	21.49	22.5	0		
10	QPSK	25	12	21.54	21.51	21.54				
10	QPSK	25	25	21.54	21.50	21.51				
10	QPSK	50	0	21.54	21.55	21.49	22.5	0		
10	16QAM	1	0	21.42	21.55	21.46				
10	16QAM	1	25	21.50	21.54	21.48				
10	16QAM	1	49	21.43	21.58	21.51	22	0.5		
10	16QAM	25	0	21.11	21.13	21.01				
10	16QAM	25	12	20.96	21.10	20.98				
10	16QAM	25	25	21.11	21.05	20.98	22	0.5		
10	16QAM	50	0	21.11	21.20	21.13				
10	64QAM	1	0	21.04	21.04	21.00				
10	64QAM	1	25	20.93	21.03	20.98	21	1.5		
10	64QAM	1	49	21.01	21.08	20.94				
10	64QAM	25	0	20.06	20.26	20.12				
10	64QAM	25	12	20.03	20.20	20.13	21	1.5		
10	64QAM	25	25	20.01	20.11	20.13				
10	64QAM	50	0	20.15	20.28	20.25				
Channel				131997	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	21.57	21.59	21.49	22.5	0		
5	QPSK	1	12	21.55	21.49	21.54				
5	QPSK	1	24	21.44	21.57	21.47				
5	QPSK	12	0	21.50	21.57	21.46	22.5	0		
5	QPSK	12	7	21.60	21.43	21.51				
5	QPSK	12	13	21.54	21.52	21.56				
5	QPSK	25	0	21.52	21.55	21.56	22.5	0		
5	16QAM	1	0	21.50	21.56	21.53				
5	16QAM	1	12	21.53	21.53	21.41				
5	16QAM	1	24	21.47	21.48	21.54	22	0.5		
5	16QAM	12	0	21.16	21.13	21.04				
5	16QAM	12	7	20.96	21.08	20.99				
5	16QAM	12	13	21.10	21.04	20.98	22	0.5		
5	16QAM	25	0	21.16	21.26	21.16				
5	64QAM	1	0	21.10	20.98	21.00				
5	64QAM	1	12	21.03	21.01	21.00	21	1.5		
5	64QAM	1	24	21.04	21.00	21.00				
5	64QAM	12	0	20.10	20.25	20.14				
5	64QAM	12	7	20.02	20.18	20.07	21	1.5		
5	64QAM	12	13	19.98	20.11	20.09				
5	64QAM	25	0	20.18	20.24	20.22				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
3	QPSK	1	0	21.58	21.58	21.50	22.5	0		
3	QPSK	1	8	21.54	21.43	21.53				
3	QPSK	1	14	21.51	21.51	21.46				
3	QPSK	8	0	21.57	21.56	21.50	22.5	0		
3	QPSK	8	4	21.51	21.42	21.47				
3	QPSK	8	7	21.53	21.51	21.50				
3	QPSK	15	0	21.56	21.52	21.51	22.5	0		
3	16QAM	1	0	21.44	21.56	21.47				
3	16QAM	1	8	21.58	21.49	21.44				
3	16QAM	1	14	21.50	21.52	21.46	22	0.5		
3	16QAM	8	0	21.15	21.15	21.07				
3	16QAM	8	4	20.96	21.04	20.95				
3	16QAM	8	7	21.02	21.03	21.02	22	0.5		
3	16QAM	15	0	21.12	21.25	21.19				
3	64QAM	1	0	21.07	21.02	21.04				
3	64QAM	1	8	20.94	20.98	21.00	22	0.5		
3	64QAM	1	14	21.04	21.02	20.93				
3	64QAM	8	0	20.07	20.24	20.16				
3	64QAM	8	4	20.04	20.12	20.08	21	1.5		
3	64QAM	8	7	19.99	20.08	20.06				
3	64QAM	15	0	20.22	20.29	20.26				
Channel				131979	132322	132656	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	21.49	21.62	21.47	22.5	0		
1.4	QPSK	1	3	21.52	21.52	21.54				
1.4	QPSK	1	5	21.47	21.53	21.48				
1.4	QPSK	3	0	21.58	21.56	21.53	22.5	0		
1.4	QPSK	3	1	21.51	21.47	21.46				
1.4	QPSK	3	3	21.54	21.52	21.52				
1.4	QPSK	6	0	21.53	21.52	21.50	22.5	0		
1.4	QPSK	6	1	21.56	21.52	21.55				
1.4	QPSK	6	3	21.53	21.53	21.46				
1.4	16QAM	1	0	21.44	21.51	21.43	22.5	0		
1.4	16QAM	1	3	21.08	21.11	21.03				
1.4	16QAM	1	1	21.06	21.04	20.97				
1.4	16QAM	1	3	21.08	21.06	20.96	22	0.5		
1.4	16QAM	6	0	21.18	21.24	21.20				
1.4	16QAM	6	0	21.05	20.99	21.00				
1.4	64QAM	1	3	21.00	21.04	21.00	22	0.5		
1.4	64QAM	1	5	21.11	21.06	21.04				
1.4	64QAM	3	0	20.08	20.21	20.14				
1.4	64QAM	3	0	20.17	20.17	20.04	21	1.5		
1.4	64QAM	3	3	20.01	20.11	20.10				
1.4	64QAM	6	0	20.20	20.28	20.26				

Band 38 Ant0 Sensor On									
BW [MHz]	Modulat ion	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	23	0	
Frequency (MHz)				2550	2595	2610			
20	QPSK	1	0	21.87	22.06	22.00			
20	QPSK	1	49	21.96	21.94	21.97			
20	QPSK	1	99	21.99	21.94	21.96			
20	QPSK	50	0	21.98	22.02	21.96	23	0	
20	QPSK	50	24	21.96	21.92	21.99			
20	QPSK	50	50	21.99	21.97	21.94			
20	QPSK	100	0	21.98	22.01	21.94			
20	16QAM	1	0	21.96	22.00	22.00			
20	16QAM	1	49	21.93	21.93	21.92	23	0	
20	16QAM	1	99	21.93	21.94	21.91			
20	16QAM	50	0	21.25	21.29	21.21			
20	16QAM	50	24	21.13	21.15	21.14			
20	16QAM	50	50	21.11	21.12	21.07			
20	16QAM	100	0	21.19	21.27	21.21	22	1	
20	64QAM	1	0	20.67	20.72	20.64			
20	64QAM	1	49	20.61	20.62	20.55			
20	64QAM	1	99	20.56	20.64	20.56			
20	64QAM	50	0	20.31	20.31	20.17			
20	64QAM	50	24	20.14	20.23	20.09	21	2	
20	64QAM	50	50	20.09	20.22	20.05			
20	64QAM	100	0	20.18	20.27	20.22			
Channel				37825	38000	38175	23	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	21.86	21.94	21.93			
15	QPSK	1	37	21.90	21.82	21.84			
15	QPSK	1	74	21.84	21.83	21.89			
15	QPSK	36	0	21.91	21.82	21.90	23	0	
15	QPSK	36	20	21.84	21.86	21.91			
15	QPSK	36	36	21.88	21.88	21.86			
15	QPSK	75	0	21.89	21.89	21.86			
15	16QAM	1	0	21.91	21.87	21.90			
15	16QAM	1	37	21.79	21.87	21.87	23	0	
15	16QAM	1	74	21.84	21.82	21.79			
15	16QAM	36	0	21.10	21.15	21.11			
15	16QAM	36	20	21.01	21.08	21.02			
15	16QAM	36	36	21.04	21.10	20.97			
15	16QAM	75	0	21.10	21.14	21.08	22	1	
15	64QAM	1	0	20.54	20.64	20.51			
15	64QAM	1	37	20.46	20.51	20.42			
15	64QAM	1	74	20.42	20.55	20.49			
15	64QAM	36	0	20.11	20.20	20.05			
15	64QAM	36	20	19.99	20.14	20.04	21	2	
15	64QAM	36	36	19.95	20.08	19.94			
15	64QAM	75	0	20.08	20.19	20.14			
Channel				37800	38000	38200	23	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	21.84	21.96	21.89			
10	QPSK	1	25	21.82	21.84	21.86			
10	QPSK	1	49	21.90	21.82	21.82			
10	QPSK	25	0	21.91	21.92	21.88	23	0	
10	QPSK	25	12	21.83	21.77	21.86			
10	QPSK	25	25	21.84	21.87	21.89			
10	QPSK	50	0	21.89	21.87	21.80			
10	16QAM	1	0	21.88	21.92	21.86			
10	16QAM	1	25	21.80	21.87	21.82	23	0	
10	16QAM	1	49	21.85	21.87	21.83			
10	16QAM	25	0	21.18	21.21	21.07			
10	16QAM	25	12	21.05	21.02	21.01			
10	16QAM	25	25	21.03	21.07	20.94			
10	16QAM	50	0	21.13	21.13	21.15	22	1	
10	64QAM	1	0	20.58	20.66	20.52			
10	64QAM	1	25	20.48	20.57	20.44			
10	64QAM	1	49	20.49	20.56	20.49			
10	64QAM	25	0	20.08	20.19	20.08			
10	64QAM	25	12	20.08	20.18	20.00	21	2	
10	64QAM	25	25	19.94	20.10	19.94			
10	64QAM	50	0	20.11	20.19	20.15			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	21.92	21.94	21.92	23	0	
5	QPSK	1	12	21.86	21.86	21.83			
5	QPSK	1	24	21.88	21.84	21.89			
5	QPSK	12	0	21.84	21.97	21.86			
5	QPSK	12	7	21.87	21.86	21.92			
5	QPSK	12	13	21.86	21.84	21.86	23	0	
5	QPSK	25	0	21.88	21.88	21.89			
5	16QAM	1	0	21.87	21.85	21.85			
5	16QAM	1	12	21.85	21.82	21.82			
5	16QAM	1	24	21.87	21.86	21.77			
5	16QAM	12	0	21.16	21.14	21.07	22	1	
5	16QAM	12	7	21.06	21.03	21.06			
5	16QAM	12	13	20.98	21.07	20.98			
5	16QAM	25	0	21.13	21.20	21.11			
5	64QAM	1	0	20.60	20.63	20.52			
5	64QAM	1	12	20.47	20.52	20.44	22	1	
5	64QAM	1	24	20.47	20.49	20.49			
5	64QAM	12	0	20.13	20.24	20.05			
5	64QAM	12	7	20.08	20.13	20.03			
5	64QAM	12	13	19.97	20.09	19.92			
5	64QAM	25	0	20.10	20.14	20.13	21	2	

band41 Ant0 Sensor On									
BW [MHz]	Modulat ion	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	23	0
Frequency (MHz)				2545	2571	2585	2645		
20	QPSK	1	0	22.05	22.00	21.99	21.85		
20	QPSK	1	49	21.95	21.97	21.98	22.02		
20	QPSK	1	99	21.96	21.95	21.95	21.94		
20	QPSK	50	0	22.02	21.95	22.00	21.96	23	0
20	QPSK	50	24	21.98	21.98	21.93	21.96		
20	QPSK	50	50	21.99	21.94	21.99	21.97		
20	QPSK	100	0	22.03	21.98	21.96	21.98		
20	16QAM	1	0	22.01	21.99	21.93	21.99		
20	16QAM	1	49	21.97	21.97	21.96	22.00	23	0
20	16QAM	1	99	21.96	21.95	21.93	21.95		
20	16QAM	50	0	21.22	21.17	21.07	21.18		
20	16QAM	50	24	21.11	21.02	20.93	21.14		
20	16QAM	50	50	21.12	21.12	21.03	21.03		
20	16QAM	100	0	21.29	21.14	21.14	21.20	22	1
20	64QAM	1	0	20.74	20.62	20.69	20.62		
20	64QAM	1	49	20.62	20.48	20.56	20.53		
20	64QAM	1	99	20.64	20.48	20.65	20.57		
20	64QAM	50	0	20.27	20.23	20.16	20.14		
20	64QAM	50	24	20.14	20.14	20.06	20.01	21	2
20	64QAM	50	50	20.13	20.18	20.05	20.03		
20	64QAM	100	0	20.28	20.16	20.23	20.17		
Channel				40115	40395	40685	41165	23	0
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	21.94	21.93	21.92	21.83		
15	QPSK	1	37	21.86	21.83	21.93	21.92		
15	QPSK	1	74	21.83	21.84	21.87	21.86		
15	QPSK	36	0	21.93	21.85	21.89	21.84	23	0
15	QPSK	36	20	21.88	21.91	21.84	21.84		
15	QPSK	36	39	21.89	21.86	21.88	21.89		
15	QPSK	75	0	21.86	21.87	21.89	21.90		
15	16QAM	1	0	21.88	21.91	21.78	21.84		
15	16QAM	1	37	21.86	21.84	21.81	21.90	23	0
15	16QAM	1	74	21.82	21.88	21.83	21.89		
15	16QAM	36	0	21.16	21.07	21.00	21.06		
15	16QAM	36	20	20.99	20.89	20.87	21.05		
15	16QAM	36	39	20.101	21.00	20.94	20.96		
15	16QAM	75	0	21.19	21.06	21.09	21.08	22	1
15	64QAM	1	0	20.62	20.57	20.63	20.53		
15	64QAM	1	37	20.53	20.35	20.47	20.42		
15	64QAM	1	74	20.53	20.35	20.55	20.50		
15	64QAM	36	0	20.19	20.16	20.02	20.05		
15	64QAM	36	20	20.01	20.01	19.99	19.87	21	2
15	64QAM	36	39	20.03	20.11	19.98	19.92		
15	64QAM	75	0	20.22	20.04	20.17	20.03		
Channel				40090	40300	40690	41190	23	0
Frequency (MHz)				24990	24970	24950	24930		
10	QPSK	1	0	21.94	21.90	21.90	21.84		
10	QPSK	1	25	21.84	21.85	21.90	21.87		
10	QPSK	1	49	21.87	21.87	21.89	21.85		
10	QPSK	25	0	21.89	21.84	21.91	21.83	23	0
10	QPSK	25	12	21.91	21.84	21.79	21.90		
10	QPSK	25	25	21.92	21.82	21.92	21.92		
10	QPSK	40	0	21.90	21.87	21.86	21.89		
10	16QAM	1	0	21.94	21.93	21.81	21.87		
10	16QAM	1	25	21.88	21.90	21.86	21.89	23	0
10	16QAM	1	49	21.82	21.80	21.85	21.84		
10	16QAM	25	0	21.15	21.11	20.94	21.03		
10	16QAM	25	12	20.96	20.93	20.83	21.08		
10	16QAM	25	25	21.03	21.04	20.92	20.89		
10	16QAM	50	0	20.21	21.04	21.06	21.13	22	1
10	64QAM	1	0	20.68	20.51	20.62	20.49		
10	64QAM	1	25	20.47	20.38	20.46	20.41		
10	64QAM	1	49	20.51	20.39	20.54	20.47		
10	64QAM	25	0	20.19	20.06	20.05	20.04		
10	64QAM	25	12	20.07	20.08	19.95	19.87	21	2
10	64QAM	25	25	20.05	20.10	19.93	19.95		
10	64QAM	50	0	20.21	20.09	20.12	20.10		
Channel				40065	40385	40705	41215	23	0
Frequency (MHz)				2531.5	2569.5	2611.5	2652.5		
5	QPSK	1	0	21.95	21.91	21.94	21.88		
5	QPSK	1	12	21.85	21.84	21.88	21.90		
5	QPSK	1	24	21.88	21.81	21.83	21.87		
5	QPSK	12	0	21.91	21.89	21.89	21.81	23	0
5	QPSK	12	7	21.87	21.90	21.83	21.90		
5	QPSK	12	13	21.90	21.86	21.86	21.83		
5	QPSK	25	0	21.94	21.92	21.83	21.91		
5	16QAM	1	0	21.92	21.92	21.84	21.91		
5	16QAM	1	12	21.87	21.91	21.91	21.91	22	1
5	16QAM	1	24	21.85	21.86	21.88	21.86		
5	16QAM	12	0	21.16	21.05	20.97	21.03		
5	16QAM	12	7	21.06	20.97	20.86	21.00		
5	16QAM	12	13	20.99	20.99	20.91	20.94		
5	16QAM	25	0	21.19	21.21	21.07	21.11	22	1
5	64QAM	1	0	20.66	20.54	20.63	20.50		
5	64QAM	1	12	20.49	20.36	20.45	20.41		
5	64QAM	1	24	20.54	20.35	20.51	20.50		
5	64QAM	12	0	20.14	20.10	20.02	20.05		
5	64QAM	12	7	20.08	20.03	19.95	19.98	21	2
5	64QAM	12	13	20.04	20.13	19.96	20.04		
5	64QAM	25	0	21.17	20.05	20.11	20.09		

	Mode	Channel	Frequency (MHz)	Aval		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.13	15.00	100.00
		6	2437	12.38	14.00	
		11	2462	15.32	17.00	
	802.11g 6Mbps	1	2412	16.04	17.50	96.97
		6	2437	16.57	18.00	
		11	2462	14.31	16.00	
	802.11n-HT20 MCS0	1	2412	15.02	15.50	96.74
		6	2437	15.07	16.50	
		11	2462	15.23	16.50	

	Mode	Channel	Frequency (MHz)	Aval		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.32	18.00	97.65
		40	5200	15.48	18.00	
		44	5220	16.51	18.00	
		48	5240	16.45	18.00	
	802.11n-HT20 MCS0	36	5180	15.25	17.00	96.74
		40	5200	15.41	17.00	
		44	5220	15.46	17.00	
		48	5240	15.40	17.00	
	802.11n-HT40 MCS0	36	5180	13.75	15.50	93.62
		40	5200	15.40	17.00	
		44	5220	14.35	16.00	
		48	5240	14.37	16.00	
	802.11ac-VHT20 MCS0	36	5180	14.40	16.00	96.79
		40	5200	14.35	16.00	
		44	5220	14.37	16.00	
		48	5240	14.12	15.50	
	802.11ac-VHT40 MCS0	36	5180	13.71	15.50	93.76
		48	5240	14.43	16.00	
	802.11ac-VHT80 MCS0	42	5210	12.53	14.50	88.23

	Mode	Channel	Frequency (MHz)	Aval		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.11	18.00	97.65
		56	5280	16.16	18.00	
		60	5300	16.13	18.00	
		64	5320	16.31	18.00	
	802.11n-HT20 MCS0	52	5260	15.08	17.00	96.74
		56	5280	15.17	17.00	
		60	5300	15.02	17.00	
		64	5320	15.10	17.00	
	802.11n-HT40 MCS0	52	5260	13.50	17.00	93.62
		56	5280	14.06	16.00	
		60	5300	14.02	16.00	
		64	5320	14.03	16.00	
	802.11ac-VHT20 MCS0	52	5260	14.03	16.00	96.79
		60	5300	14.17	16.00	
		64	5320	14.05	16.00	
		64	5320	14.46	16.00	
	802.11ac-VHT40 MCS0	52	5260	14.46	16.00	93.76
		62	5310	14.54	16.00	
	802.11ac-VHT80 MCS0	58	5290	13.32	15.00	88.23

	Mode	Channel	Frequency (MHz)	Aval		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5600	16.27	17.50	97.65
		116	5680	16.05	17.50	
		132	5660	16.13	17.50	
		140	5700	16.15	17.50	
	802.11n-HT20 MCS0	100	5600	15.10	16.50	96.74
		116	5680	14.95	16.50	
		132	5660	14.99	16.50	
		140	5700	13.74	15.50	
	802.11n-HT40 MCS0	102	5610	15.38	17.00	93.62
		110	5650	15.49	17.00	
		134	5670	15.40	17.00	
		100	5600	13.98	15.50	
	802.11ac-VHT20 MCS0	116	5680	14.05	15.50	96.79
		132	5660	14.31	16.00	
		140	5700	13.71	15.50	
		102	5610	14.49	16.00	
	802.11ac-VHT40 MCS0	110	5650	14.45	16.00	93.76
		134	5670	14.37	16.00	
		106	5630	13.69	16.50	88.23

	Mode	Channel	Frequency (MHz)	Aval		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	148	5745	16.18	17.50	97.65
		157	5785	15.99	17.50	
		165	5825	15.95	17.50	
		149	5745	15.26	17.00	
	802.11n-HT20 MCS0	157	5785	15.31	17.00	96.74
		166	5825	15.22	17.00	
		191	5795	15.46	17.00	
		169	5795	15.28	17.00	
	802.11n-HT40 MCS0	149	5745	14.41	16.00	93.62
		157	5785	14.33	16.00	
		166	5825	14.30	16.00	
		191	5795	14.34	16.00	
	802.11ac-VHT40 MCS0	169	5795	14.32	16.00	93.76
		155	5775	14.22	16.00	
	802.11ac-VHT80 MCS0	155	5775	14.22	16.00	88.23

<Bluetooth>			A411		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.13	8.08	8.56
	CH 39	2441	10.07	8.09	8.60
	CH 78	2480	10.31	8.13	8.13
Tune-up Limit			12.00	10.00	10.00

BLE_1M			A411	
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			0Mbps	1Mbps
LE	CH 00	2402	-2.80	
	CH 19	2440	-1.49	
	CH 39	2480	-1.91	
Tune-up Limit			-1.00	