

10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

LAT-Full Power-DSI 2/3/4/6

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	128.2	189.4	251.8		128.2	189.4	251.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.61	33.58	33.48	34.00	24.61	24.58	24.48	25.00
GPRS 1 Tx slot	33.60	33.57	33.45	34.00	24.60	24.57	24.45	25.00
GPRS 2 Tx slots	29.70	29.40	29.32	30.00	23.70	23.40	23.32	24.00
GPRS 3 Tx slots	28.44	28.12	28.00	29.00	24.18	23.86	23.74	24.74
GPRS 4 Tx slots	26.37	26.52	26.20	28.00	23.37	23.52	23.20	25.00
EDGE 1 Tx slot	25.48	25.66	25.20	26.00	16.48	16.66	16.20	17.00
EDGE 2 Tx slots	24.00	24.25	23.81	25.00	18.00	18.25	17.81	19.00
EDGE 3 Tx slots	22.85	23.05	22.60	24.00	18.59	18.79	18.34	19.74
EDGE 4 Tx slots	20.89	21.05	20.68	22.00	17.89	18.05	17.68	19.00

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	512.2	661.4	810.8		512.2	661.4	810.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.45	30.79	30.53	31.00	21.45	21.79	21.53	22.00
GPRS 1 Tx slot	30.44	30.78	30.52	31.00	21.44	21.78	21.52	22.00
GPRS 2 Tx slots	26.39	26.54	26.44	28.00	20.39	20.54	20.44	22.00
GPRS 3 Tx slots	25.39	25.58	25.11	26.50	21.13	21.32	20.85	22.24
GPRS 4 Tx slots	23.14	23.55	23.39	25.00	20.14	20.55	20.39	22.00
EDGE 1 Tx slot	24.36	24.58	24.40	25.00	15.36	15.58	15.40	16.00
EDGE 2 Tx slots	22.87	23.07	23.11	24.00	16.87	17.07	17.11	18.00
EDGE 3 Tx slots	21.84	21.93	21.99	23.00	17.58	17.67	17.73	18.74
EDGE 4 Tx slots	19.66	19.88	19.69	21.00	16.66	16.88	16.69	18.00

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		4132	4182	4233	
TX Channel	9262	9400	9538		4132	4182	4233	
Rx Channel	9662	9800	9938		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	23.38	23.44	23.41	24.00	23.34	23.35	23.14	24.00
3GPP Rel 99 RMC 12.2Kbps	23.39	23.46	23.43	24.00	23.37	23.39	23.17	24.00
3GPP Rel 6 HSDPA Subtest-1	22.36	22.50	22.49	23.00	22.64	22.61	22.46	23.00
3GPP Rel 6 HSDPA Subtest-2	22.36	22.52	22.52	23.00	22.68	22.65	22.46	23.00
3GPP Rel 6 HSDPA Subtest-3	21.82	22.02	21.99	22.50	22.13	22.14	21.97	22.50
3GPP Rel 6 HSDPA Subtest-4	21.75	21.99	21.92	22.50	22.11	22.13	21.98	22.50
3GPP Rel 6 DC-HSDPA Subtest-1	22.28	22.37	22.44	23.00	22.56	22.48	22.39	23.00
3GPP Rel 6 DC-HSDPA Subtest-2	22.28	22.35	22.43	23.00	22.60	22.43	22.37	23.00
3GPP Rel 6 DC-HSDPA Subtest-3	21.71	21.89	21.94	22.50	22.05	22.01	21.88	22.50
3GPP Rel 6 DC-HSDPA Subtest-4	21.67	21.86	21.87	22.50	22.03	22.00	21.89	22.50
3GPP Rel 6 HSUPA Subtest-1	22.43	22.56	22.62	23.00	22.65	22.66	22.47	23.00
3GPP Rel 6 HSUPA Subtest-2	20.34	20.74	20.76	21.00	20.68	20.66	20.45	21.00
3GPP Rel 6 HSUPA Subtest-3	21.48	21.56	21.56	22.00	21.89	21.85	21.47	22.00
3GPP Rel 6 HSUPA Subtest-4	20.41	20.56	20.53	21.00	20.64	20.68	20.49	21.00
3GPP Rel 6 HSUPA Subtest-5	22.40	22.60	22.40	23.00	22.70	22.70	22.50	23.00

Band 2 (1900MHz Band)									
Part 24E									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.83	23.02	22.90	24	0	
20	QPSK	1	49	22.91	22.71	22.75			
20	QPSK	1	99	22.62	22.75	22.58			
20	QPSK	50	0	21.85	22.09	21.90	23	1	
20	QPSK	50	24	22.01	21.98	22.07			
20	QPSK	50	50	22.08	22.04	21.99			
20	QPSK	100	0	21.95	21.97	21.91	23	1	
20	16QAM	1	0	22.23	22.23	22.11			
20	16QAM	1	49	22.23	22.22	22.16			
20	16QAM	1	99	22.08	22.21	22.06	22	2	
20	16QAM	50	0	20.80	20.87	20.85			
20	16QAM	50	24	21.00	20.99	21.06			
20	16QAM	50	50	20.96	21.04	21.01	22	2	
20	16QAM	100	0	20.97	20.88	20.83			
20	64QAM	1	0	21.04	21.16	21.05			
20	64QAM	1	49	21.01	21.16	21.03	22	2	
20	64QAM	1	99	20.91	21.19	20.91			
20	64QAM	50	0	19.79	19.68	19.80			
20	64QAM	50	24	19.97	19.84	19.85	21	3	
20	64QAM	50	50	19.87	19.84	19.80			
20	64QAM	100	0	19.84	19.86	19.88			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	22.59	22.63	22.61	24	0	
15	QPSK	1	37	22.67	22.68	22.72			
15	QPSK	1	74	22.59	22.73	22.54			
15	QPSK	36	0	21.70	21.80	21.87	23	1	
15	QPSK	36	20	21.88	21.95	22.03			
15	QPSK	36	39	22.02	22.02	21.96			
15	QPSK	75	0	21.83	21.89	21.85	23	1	
15	16QAM	1	0	22.15	22.20	22.07			
15	16QAM	1	49	22.19	22.18	22.12			
15	16QAM	1	74	22.06	22.18	22.03	22	2	
15	16QAM	36	0	20.77	20.85	20.81			
15	16QAM	36	20	20.96	20.93	21.00			
15	16QAM	36	39	20.93	21.00	20.99	22	2	
15	16QAM	75	0	20.95	20.85	20.80			
15	64QAM	1	0	20.98	21.12	21.01			
15	64QAM	1	37	20.88	21.10	20.97	22	2	
15	64QAM	1	74	20.89	21.17	20.88			
15	64QAM	36	0	19.73	19.65	19.76			
15	64QAM	36	20	19.94	19.80	19.81	21	3	
15	64QAM	36	39	19.83	19.84	19.82			
15	64QAM	75	0	19.78	19.83	19.82			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	22.56	22.57	22.58	24	0	
10	QPSK	1	25	22.65	22.65	22.69			
10	QPSK	1	49	22.56	22.71	22.50			
10	QPSK	25	0	21.73	21.74	21.84	23	1	
10	QPSK	25	12	21.85	21.92	21.99			
10	QPSK	25	25	21.96	22.00	21.93			
10	QPSK	50	0	21.91	21.83	21.79	23	1	
10	16QAM	1	0	22.12	22.17	22.03			
10	16QAM	1	25	22.15	22.14	22.21			
10	16QAM	1	49	22.04	22.15	22.00	22	2	
10	16QAM	25	0	20.74	20.83	20.77			
10	16QAM	25	12	20.92	20.87	20.94			
10	16QAM	25	25	20.90	20.96	20.97	22	2	
10	16QAM	50	0	20.93	20.82	20.77			
10	64QAM	1	0	20.92	21.08	20.97			
10	64QAM	1	25	20.95	21.04	20.91	22	2	
10	64QAM	1	49	20.87	21.15	20.85			
10	64QAM	25	0	19.67	19.62	19.72			
10	64QAM	25	12	19.91	19.74	19.79	21	3	
10	64QAM	25	25	19.88	19.80	19.86			
10	64QAM	50	0	19.72	19.80	19.76			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	22.53	22.51	22.55	24	0	
5	QPSK	1	12	22.63	22.62	22.66			
5	QPSK	1	24	22.53	22.69	22.46			
5	QPSK	12	0	21.67	21.68	21.81	23	1	
5	QPSK	12	7	21.82	21.69	21.95			
5	QPSK	12	13	21.90	21.88	21.90			
5	QPSK	25	0	21.89	21.77	21.73	23	1	
5	16QAM	1	0	22.09	22.14	21.99			
5	16QAM	1	12	22.11	22.10	22.18			
5	16QAM	1	24	22.02	22.12	21.97	22	2	
5	16QAM	12	0	20.71	20.81	20.73			
5	16QAM	12	7	20.88	20.81	20.88			
5	16QAM	12	13	20.87	20.92	20.95	22	2	
5	16QAM	25	0	20.91	20.79	20.74			
5	64QAM	1	0	20.86	21.04	20.93			
5	64QAM	1	12	20.92	20.98	20.85	22	2	
5	64QAM	1	24	20.85	21.13	20.82			
5	64QAM	12	0	19.61	19.59	19.68			
5	64QAM	12	7	19.88	19.68	19.77	21	3	
5	64QAM	12	13	19.85	19.76	19.86			
5	64QAM	25	0	19.66	19.77	19.70			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	22.50	22.45	22.52	24	0	
3	QPSK	1	8	22.61	22.59	22.63			
3	QPSK	1	14	22.50	22.67	22.42			
3	QPSK	8	0	21.61	21.62	21.78	23	1	
3	QPSK	8	4	21.88	21.66	21.91			
3	QPSK	8	7	21.84	21.96	21.87			
3	QPSK	15	0	21.87	21.71	21.67	23	1	
3	16QAM	1	0	22.06	22.11	21.95			
3	16QAM	1	8	22.07	22.06	22.15			
3	16QAM	1	14	22.00	22.09	21.94	22	2	
3	16QAM	8	0	20.68	20.79	20.69			
3	16QAM	8	4	20.84	20.75	20.82			
3	16QAM	8	7	20.84	20.88	20.93	22	2	
3	16QAM	15	0	20.89	20.76	20.71			
3	64QAM	1	0	20.80	21.00	20.89			
3	64QAM	1	8	20.89	20.92	20.79	22	2	
3	64QAM	1	14	20.83	21.11	20.79			
3	64QAM	8	0	19.55	19.56	19.64			
3	64QAM	8	4	19.85	19.62	19.75	21	3	
3	64QAM	8	7	19.81	19.76	19.83			
3	64QAM	15	0	19.60	19.74	19.64			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	22.47	22.39	22.49	24	0	
1.4	QPSK	1	3	22.59	22.56	22.60			
1.4	QPSK	1	5	22.47	22.65	22.38			
1.4	QPSK	3	0	22.33	22.34	22.53	23	1	
1.4	QPSK	3	1	22.64	22.61	22.65			
1.4	QPSK	3	3	22.56	22.72	22.62			
1.4	QPSK	6	0	21.85	21.65	21.81	23	1	
1.4	16QAM	1	0	22.03	22.08	21.91			
1.4	16QAM	1	3	22.05	22.02	22.12			
1.4	16QAM	1	5	21.98	22.08	21.91	22	2	
1.4	16QAM	3	0	21.63	21.75	21.63			
1.4	16QAM	3	1	21.78	21.67	21.74			
1.4	16QAM	3	3	21.79	21.82	21.80	22	2	
1.4	16QAM	6	0	20.87	20.73	20.68			
1.4	64QAM	1	0	20.74	20.98	20.85			
1.4	64QAM	1	3	20.86	20.86	20.73	22	2	
1.4	64QAM	3	0	20.47	20.51	20.58			
1.4	64QAM	3	1	20.80	20.54	20.71			
1.4	64QAM	3	3	20.75	20.76	20.78	21	3	
1.4	64QAM	6	0	19.54	19.71	19.58			

Band 5 (Cellular Band)										
Part 22H(only on channel required)										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600				
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	22.59	22.94	22.74	24	0		
10	QPSK	1	25	22.61	22.61	22.83				
10	QPSK	1	49	22.64	22.45	22.73				
10	QPSK	25	0	21.82	21.80	21.63				
10	QPSK	25	12	21.89	21.82	21.59	23	1		
10	QPSK	25	25	21.88	21.83	21.57				
10	QPSK	50	0	21.86	21.87	21.58				
10	16QAM	1	0	21.96	21.97	21.77				
10	16QAM	1	25	21.95	22.04	21.96	23	1		
10	16QAM	1	49	22.05	21.95	21.78				
10	16QAM	25	0	20.97	20.75	20.63				
10	16QAM	25	12	20.99	20.85	20.66				
10	16QAM	25	25	20.93	20.91	20.65	22	2		
10	16QAM	50	0	20.93	20.90	20.67				
10	64QAM	1	0	21.08	20.73	20.75				
10	64QAM	1	25	21.03	20.91	20.86				
10	64QAM	1	49	20.68	20.97	20.87	21	3		
10	64QAM	25	0	20.00	19.71	19.69				
10	64QAM	25	12	19.86	19.89	19.87				
10	64QAM	25	25	20.00	19.79	20.09				
10	64QAM	50	0	19.80	19.68	19.69	24	0		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	22.56	22.35	22.27	24	0		
5	QPSK	1	12	22.57	22.53	22.34				
5	QPSK	1	24	22.56	22.42	22.22				
5	QPSK	12	0	21.79	21.84	21.55				
5	QPSK	12	7	21.85	21.79	21.55	23	1		
5	QPSK	12	13	21.85	21.75	21.54				
5	QPSK	25	0	21.82	21.68	21.52				
5	16QAM	1	0	22.15	21.84	21.69				
5	16QAM	1	12	22.14	22.00	21.78	23	1		
5	16QAM	1	24	21.97	21.87	21.74				
5	16QAM	12	0	20.89	20.71	20.60				
5	16QAM	12	7	20.95	20.82	20.62				
5	16QAM	12	13	20.90	20.83	20.61	22	2		
5	16QAM	25	0	20.89	20.72	20.64				
5	64QAM	1	0	21.00	20.70	20.71				
5	64QAM	1	12	20.99	20.87	20.78				
5	64QAM	1	24	20.85	20.93	20.83	22	2		
5	64QAM	12	0	19.96	19.67	19.65				
5	64QAM	12	7	19.78	19.81	19.84				
5	64QAM	12	13	19.86	19.76	19.86				
5	64QAM	25	0	19.77	19.64	19.65	21	3		
Channel				20415	20525	20635				
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	22.56	22.37	22.32	24	0		
3	QPSK	1	8	22.59	22.58	22.34				
3	QPSK	1	14	22.61	22.43	22.22				
3	QPSK	8	0	21.76	21.82	21.60				
3	QPSK	8	4	21.86	21.79	21.55	23	1		
3	QPSK	8	7	21.82	21.81	21.54				
3	QPSK	15	0	21.84	21.66	21.50				
3	16QAM	1	0	22.15	21.84	21.73				
3	16QAM	1	8	22.14	22.00	21.83	23	1		
3	16QAM	1	14	22.03	21.92	21.75				
3	16QAM	8	0	20.94	20.73	20.59				
3	16QAM	8	4	20.95	20.79	20.60				
3	16QAM	8	7	20.90	20.87	20.63	22	2		
3	16QAM	15	0	20.91	20.77	20.64				
3	64QAM	1	0	21.02	20.69	20.71				
3	64QAM	1	8	21.00	20.85	20.80				
3	64QAM	1	14	20.86	20.95	20.84	22	2		
3	64QAM	8	0	19.94	19.68	19.65				
3	64QAM	8	4	19.83	19.83	19.85				
3	64QAM	8	7	19.86	19.77	20.06				
3	64QAM	15	0	19.74	19.65	19.63	21	3		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	22.53	22.31	22.29	24	0		
1.4	QPSK	1	3	22.57	22.55	22.31				
1.4	QPSK	1	5	22.58	22.41	22.18				
1.4	QPSK	3	0	22.48	22.34	22.35				
1.4	QPSK	3	1	22.61	22.54	22.29	23	1		
1.4	QPSK	3	3	22.54	22.57	22.29				
1.4	QPSK	6	0	21.82	21.60	21.44				
1.4	16QAM	1	0	22.12	21.91	21.69				
1.4	16QAM	1	3	22.10	21.96	21.80	23	1		
1.4	16QAM	1	5	22.01	21.89	21.72				
1.4	16QAM	3	0	21.59	21.39	21.23				
1.4	16QAM	3	1	21.59	21.41	21.22				
1.4	16QAM	3	3	21.55	21.51	21.29	22	2		
1.4	16QAM	6	0	20.89	20.74	20.61				
1.4	64QAM	1	0	20.96	20.65	20.67				
1.4	64QAM	1	3	20.97	20.79	20.74				
1.4	64QAM	1	5	20.84	20.93	20.81	22	2		
1.4	64QAM	3	0	20.56	20.74	20.85				
1.4	64QAM	3	1	20.48	20.45	20.84				
1.4	64QAM	3	3	20.60	20.43	20.71				
1.4	64QAM	6	0	19.68	19.62	19.57	21	3		

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	22.76	23.06	22.84	24	0			
20	QPSK	1	49	22.71	22.60	22.82					
20	QPSK	1	99	22.69	22.63	22.84					
20	QPSK	50	24	22.10	21.93	21.91					
20	QPSK	50	50	22.04	21.88	21.79	23	1			
20	QPSK	100	0	21.97	21.99	21.83					
20	16QAM	1	0	21.84	21.84	22.13					
20	16QAM	1	49	22.25	22.27	22.08					
20	16QAM	1	99	22.12	22.07	22.00	22	2			
20	16QAM	50	0	21.02	20.91	21.01					
20	16QAM	50	24	21.08	21.00	20.92					
20	16QAM	50	50	21.03	20.87	20.75					
20	16QAM	100	0	21.01	20.90	20.79	21	3			
20	64QAM	1	0	21.25	21.12	21.14					
20	64QAM	1	49	21.05	21.03	20.99					
20	64QAM	1	99	21.07	21.00	20.91					
20	64QAM	50	0	21.09	20.91	20.96	20	3			
20	64QAM	50	24	20.98	20.91	20.91					
20	64QAM	50	50	20.95	20.95	20.87					
20	64QAM	100	0	20.99	20.91	20.88					
Channel				20625	21000	21375	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2507.5	2536	2562.5					
15	QPSK	1	0	22.65	22.70	22.61	24	0			
15	QPSK	1	37	22.77	22.68	22.53					
15	QPSK	1	74	22.80	22.69	22.52					
15	QPSK	36	0	21.20	21.98	21.85					
15	QPSK	36	20	21.24	21.94	22.00	23	1			
15	QPSK	36	39	22.06	21.95	21.92					
15	QPSK	75	0	22.06	21.91	21.89					
15	16QAM	1	0	21.84	21.84	21.95					
15	16QAM	1	37	22.04	22.25	22.01	23	1			
15	16QAM	1	74	22.26	22.22	22.07					
15	16QAM	36	0	21.13	20.99	20.97					
15	16QAM	36	20	21.10	20.94	20.98					
15	16QAM	36	39	21.07	20.86	20.89	22	2			
15	16QAM	75	0	21.12	20.95	21.01					
15	64QAM	1	0	21.30	21.08	21.10					
15	64QAM	1	37	21.17	21.22	21.04					
15	64QAM	1	74	20.99	21.04	20.85	22	2			
15	64QAM	36	0	20.07	19.97	19.94					
15	64QAM	36	20	20.17	20.06	19.98					
15	64QAM	36	39	20.11	20.01	19.86					
15	64QAM	75	0	20.11	19.90	19.96	21	3			
Channel				20600	21100	21425			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2536	2565					
10	QPSK	1	0	22.74	22.69	22.62			24	0	
10	QPSK	1	25	22.73	22.64	22.54					
10	QPSK	1	49	22.68	22.63	22.58					
10	QPSK	25	0	22.11	21.92	21.92					
10	QPSK	25	12	22.11	21.90	21.93	23	1			
10	QPSK	25	25	22.08	21.97	21.87					
10	QPSK	50	0	22.01	21.83	21.80					
10	16QAM	1	0	21.95	21.92	22.21					
10	16QAM	1	25	21.84	22.26	22.09	23	1			
10	16QAM	1	49	21.94	22.24	22.16					
10	16QAM	25	0	21.07	20.89	20.88					
10	16QAM	25	12	21.04	20.97	20.90					
10	16QAM	25	25	21.06	20.96	20.85	22	2			
10	16QAM	50	0	20.97	20.93	20.84					
10	64QAM	1	0	21.28	21.23	21.17					
10	64QAM	1	25	21.19	21.14	21.08					
10	64QAM	1	49	21.19	21.04	21.08	22	2			
10	64QAM	25	0	20.10	19.97	19.94					
10	64QAM	25	12	20.10	19.95	19.89					
10	64QAM	25	25	20.07	19.96	19.87					
10	64QAM	50	0	20.02	19.87	19.83	21	3			
Channel				20775	21100	21425			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2550.5	2536	2567.5					
5	QPSK	1	0	22.80	22.65	22.57			24	0	
5	QPSK	1	12	22.77	22.66	22.60					
5	QPSK	1	24	22.76	22.69	22.58					
5	QPSK	12	0	22.03	22.00	21.92					
5	QPSK	12	7	22.08	22.04	21.85	23	1			
5	QPSK	12	13	22.10	21.99	21.86					
5	QPSK	25	0	22.02	21.89	21.90					
5	16QAM	1	0	22.08	22.12	22.19					
5	16QAM	1	12	22.06	22.24	22.15	23	1			
5	16QAM	1	24	21.93	22.24	22.15					
5	16QAM	12	0	21.12	21.02	20.94					
5	16QAM	12	7	21.16	21.12	20.93					
5	16QAM	12	13	21.06	20.99	20.87	22	2			
5	16QAM	25	0	21.09	20.99	20.86					
5	64QAM	1	0	21.25	21.16	21.14					
5	64QAM	1	12	21.27	21.12	21.14					
5	64QAM	1	24	21.27	21.11	21.01	22	2			
5	64QAM	12	0	20.18	20.12	20.02					
5	64QAM	12	7	20.13	20.11	20.02					
5	64QAM	12	13	20.10	20.02	19.87					
5	64QAM	25	0	20.10	19.99	19.90	21	3			

Band 12 (700MHz Low Band) Part 27F (only on channel required)											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				23090	23095	23130					
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	22.74	22.92	22.73	24	0			
10	QPSK	1	25	22.57	22.59	22.74					
10	QPSK	1	49	22.64	22.52	22.46					
10	QPSK	25	0	21.76	21.86	21.80					
10	QPSK	25	12	21.81	21.81	21.95	23	1			
10	QPSK	25	25	21.83	21.77	21.76					
10	QPSK	50	0	21.88	21.89	21.81					
10	16QAM	1	0	22.06	22.07	21.96					
10	16QAM	1	25	21.93	22.02	22.13	23	1			
10	16QAM	1	49	22.06	22.07	21.97					
10	16QAM	25	0	20.77	20.80	20.80					
10	16QAM	25	12	20.87	20.82	20.89					
10	16QAM	25	25	20.78	20.84	20.77	22	2			
10	16QAM	50	0	20.85	20.85	20.77					
10	64QAM	1	0	21.03	20.94	21.14					
10	64QAM	1	25	21.21	21.19	21.21					
10	64QAM	1	49	20.99	20.89	20.86	22	2			
10	64QAM	25	0	19.70	19.69	19.79					
10	64QAM	25	12	19.95	19.86	19.94					
10	64QAM	25	25	19.84	19.84	19.76					
10	64QAM	50	0	19.80	19.88	19.84	21	3			
Channel				23035	23095	23155				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5					
5	QPSK	1	0	22.53	22.45	22.55				24	0
5	QPSK	1	12	22.55	22.56	22.45					
5	QPSK	1	24	22.61	22.37	22.42					
5	QPSK	12	0	21.70	21.68	21.77					
5	QPSK	12	7	21.78	21.78	21.91	23	1			
5	QPSK	12	13	21.77	21.75	21.73					
5	QPSK	25	0	21.86	21.66	21.75					
5	16QAM	1	0	22.03	22.04	21.96					
5	16QAM	1	12	21.80	21.96	22.10	23	1			
5	16QAM	1	24	22.04	22.04	21.94					
5	16QAM	12	0	20.74	20.78	20.76					
5	16QAM	12	7	20.83	20.76	20.83					
5	16QAM	12	13	20.75	20.80	20.75	22	2			
5	16QAM	25	0	20.83	20.82	20.74					
5	64QAM	1	0	20.97	20.90	21.10					
5	64QAM	1	12	21.18	21.13	21.15					
5	64QAM	1	24	20.97	20.87	20.83	22	2			
5	64QAM	12	0	19.64	19.66	19.75					
5	64QAM	12	7	19.92	19.80	19.92					
5	64QAM	12	13	19.80	19.82	19.75					
5	64QAM	25	0	19.74	19.85	19.78	21	3			
Channel				23025	23095	23165				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5					
3	QPSK	1	0	22.50	22.39	22.52				24	0
3	QPSK	1	8	22.53	22.53	22.42					
3	QPSK	1	14	22.58	22.35	22.38					
3	QPSK	8	0	21.84	21.82	21.74					
3	QPSK	8	4	21.75	21.75	21.87	23	1			
3	QPSK	8	7	21.71	21.73	21.70					
3	QPSK	15	0	21.84	21.60	21.69					
3	16QAM	1	0	22.00	22.01	21.85					
3	16QAM	1	8	21.85	21.94	22.07	23	1			
3	16QAM	1	14	22.02	22.01	21.91					
3	16QAM	8	0	20.71	20.76	20.72					
3	16QAM	8	4	20.79	20.70	20.77					
3	16QAM	8	7	20.72	20.76	20.73	22	2			
3	16QAM	15	0	20.81	20.59	21.01					
3	64QAM	1	0	20.91	20.86	21.06					
3	64QAM	1	8	21.15	21.07	21.09					
3	64QAM	1	14	20.95	20.85	20.80	22	2			
3	64QAM	8	0	19.58	19.63	19.71					
3	64QAM	8	4	19.89	19.74	19.90					
3	64QAM	8	7	19.76	19.80	19.72					
3	64QAM	15	0	19.68	19.82	19.72	21	3			
Channel				23017	23095	23173				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3					
1.4	QPSK	1	0	22.47	22.33	22.49				24	0
1.4	QPSK	1	3	22.51	22.50	22.39					
1.4	QPSK	1	5	22.55	22.33	22.34					
1.4	QPSK	3	0	22.36	22.34	22.49					
1.4	QPSK	3	1	22.50	22.50	22.61	23	1			
1.4	QPSK	3	3	22.43	22.49	22.45					
1.4	QPSK	6	0	21.82	21.64	21.63					
1.4	16QAM	1	0	21.97	21.98	22.13					
1.4	16QAM	1	3	21.81	21.90	22.04	23	1			
1.4	16QAM	1	5	22.00	21.98	21.88					
1.4	16QAM	3	0	21.70	21.76	21.70					
1.4	16QAM	3	1	21.77	21.66	21.73					
1.4	16QAM	3	3	21.71	21.74	21.73	22	2			
1.4	16QAM	6	0	20.79	20.56	20.68					
1.4	64QAM	1	0	20.85	20.82	21.02					
1.4	64QAM	1	3	21.12	21.01	21.03					
1.4	64QAM	1	5	20.93	20.83	20.77	22	2			
1.4	64QAM	3	0	20.88	20.96	21.03					
1.4	64QAM	3	1	21.22	21.04	21.24					
1.4	64QAM	3	3	21.08	21.14	21.05					
1.4	64QAM	6	0	19.82	19.79	19.86	21	3			

Band 13(700MHz Band) Part 27F									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				23200	23230	23260			
Frequency (MHz)				782					
10	QPSK	1	0		22.82		24	0	
10	QPSK	1	25		22.71				
10	QPSK	1	49		22.53				
10	QPSK	25	0		21.84		23	1	
10	QPSK	25	12		21.83				
10	QPSK	25	25		21.79				
10	QPSK	50	0		21.81		23	1	
10	16QAM	1	0		22.81				
10	16QAM	1	25		22.91				
10	16QAM	1	49		22.91		22	2	
10	16QAM	25	0		20.76				
10	16QAM	25	12		20.82				
10	16QAM	50	0		20.75		22	2	
10	64QAM	1	0		20.93				
10	64QAM	1	25		20.87				
10	64QAM	1	49		20.85		22	2	
10	64QAM	25	0		19.88				
10	64QAM	25	12		19.86				
10	64QAM	25	25		19.85		21	3	
10	64QAM	50	0		19.85				
Channel				23205	23230	23255	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.36	22.50	22.43	24	0	
5	QPSK	1	12	22.47	22.50	22.56			
5	QPSK	1	24	22.46	22.48	22.51			
5	QPSK	12	0	21.72	21.70	21.73	23	1	
5	QPSK	12	7	21.79	21.79	21.84			
5	QPSK	12	13	21.72	21.80	21.85			
5	QPSK	25	0	21.74	21.81	21.70	23	1	
5	16QAM	1	0	21.76	22.02	21.94			
5	16QAM	1	12	21.93	22.02	22.03			
5	16QAM	1	24	21.94	22.02	22.02	22	2	
5	16QAM	12	0	20.73	20.76	20.78			
5	16QAM	12	7	20.85	20.85	20.85			
5	16QAM	12	13	20.75	20.79	20.86	22	2	
5	16QAM	25	0	20.76	20.77	20.71			
5	64QAM	1	0	20.87	20.86	20.88			
5	64QAM	1	12	20.92	20.90	20.88	22	2	
5	64QAM	1	24	20.91	20.92	20.89			
5	64QAM	12	0	19.76	19.76	19.85			
5	64QAM	12	7	19.89	19.84	19.82	21	3	
5	64QAM	12	13	19.82	19.87	19.87			
5	64QAM	25	0	19.70	19.82	19.78			

Band 17 (700MHz Band)									
Part 27H(only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23760	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.63	22.80	22.62	24	0	
10	QPSK	1	25	22.54	22.57	22.53			
10	QPSK	1	49	22.61	22.50	22.37			
10	QPSK	25	0	21.85	21.85	21.85	23	1	
10	QPSK	25	12	21.94	21.83	21.86			
10	QPSK	25	25	21.81	21.87	21.85			
10	QPSK	50	0	21.84	21.87	21.84	23	1	
10	16QAM	1	0	21.85	21.76	21.84			
10	16QAM	1	25	21.96	21.74	21.85			
10	16QAM	1	49	21.73	21.83	22.01	22	2	
10	16QAM	25	0	20.90	20.78	20.81			
10	16QAM	25	12	20.85	20.81	20.89			
10	16QAM	25	25	20.79	20.87	20.81	22	2	
10	16QAM	50	0	20.92	20.93	20.85			
10	64QAM	1	0	20.96	21.02	21.11			
10	64QAM	1	25	21.00	21.05	21.07	22	2	
10	64QAM	1	49	20.83	20.83	20.93			
10	64QAM	25	0	19.88	19.88	19.89			
10	64QAM	25	12	19.98	19.93	19.93	21	3	
10	64QAM	25	25	19.92	19.90	19.96			
10	64QAM	50	0	19.94	19.81	19.83			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.53	22.42	22.47	24	0	
5	QPSK	1	12	22.54	22.67	22.61			
5	QPSK	1	24	22.47	22.53	22.52			
5	QPSK	12	0	21.81	21.80	21.87	23	1	
5	QPSK	12	7	21.94	21.89	21.84			
5	QPSK	12	13	21.92	21.90	21.83			
5	QPSK	25	0	21.83	21.82	21.77	23	1	
5	16QAM	1	0	21.98	21.74	21.73			
5	16QAM	1	12	21.95	21.84	21.83			
5	16QAM	1	24	21.74	21.94	21.83	22	2	
5	16QAM	12	0	20.83	20.86	20.83			
5	16QAM	12	7	20.97	20.86	20.89			
5	16QAM	12	13	20.90	20.92	20.89	22	2	
5	16QAM	25	0	20.94	20.85	20.86			
5	64QAM	1	0	20.92	20.97	21.01			
5	64QAM	1	12	21.04	20.93	21.00	22	2	
5	64QAM	1	24	20.94	20.94	20.91			
5	64QAM	12	0	19.88	19.88	19.90			
5	64QAM	12	7	19.98	19.98	19.93	21	3	
5	64QAM	12	13	19.94	19.94	19.98			
5	64QAM	25	0	19.91	19.92	19.86			

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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.45	22.64	22.44	24	0	
20	QPSK	1	49	22.25	22.34	22.34			
20	QPSK	1	99	22.33	22.45	22.43			
20	QPSK	50	0	21.42	21.45	21.29	23	1	
20	QPSK	50	24	21.40	21.40	21.35			
20	QPSK	50	50	21.35	21.36	21.30			
20	QPSK	100	0	21.36	21.36	21.33	23	1	
20	16QAM	1	0	21.78	21.78	21.62			
20	16QAM	1	49	21.69	21.72	21.54			
20	16QAM	1	99	21.45	21.52	21.51	22	2	
20	16QAM	50	0	20.42	20.33	20.42			
20	16QAM	50	24	20.38	20.47	20.39			
20	16QAM	50	50	20.38	20.42	20.30	22	2	
20	16QAM	100	0	20.44	20.30	20.36			
20	64QAM	1	0	20.45	20.48	20.43			
20	64QAM	1	49	20.50	20.35	20.29	22	2	
20	64QAM	1	99	20.45	20.22	20.31			
20	64QAM	50	0	19.45	19.31	19.38			
20	64QAM	50	24	19.41	19.42	19.27	21	3	
20	64QAM	50	50	19.35	19.39	19.31			
20	64QAM	100	0	19.44	19.35	19.35			
Channel				132047	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.41	22.47	22.45	24	0	
15	QPSK	1	37	22.63	22.60	22.41			
15	QPSK	1	74	22.43	22.34	22.47			
15	QPSK	36	0	21.64	21.63	21.61	23	1	
15	QPSK	36	20	21.82	21.67	21.64			
15	QPSK	36	39	21.67	21.65	21.66			
15	QPSK	75	0	21.74	21.80	21.65	23	1	
15	16QAM	1	0	21.78	21.84	21.85			
15	16QAM	1	37	21.66	21.56	21.67			
15	16QAM	1	74	21.60	21.73	21.57	22	2	
15	16QAM	36	0	20.67	20.64	20.67			
15	16QAM	36	20	20.81	20.71	20.67			
15	16QAM	36	39	20.71	20.66	20.66	22	2	
15	16QAM	75	0	20.67	20.61	20.57			
15	64QAM	1	0	20.48	20.50	20.53			
15	64QAM	1	37	20.51	20.71	20.68	22	2	
15	64QAM	1	74	20.47	20.59	20.41			
15	64QAM	36	0	19.64	19.57	19.64			
15	64QAM	36	20	19.84	19.54	19.70	21	3	
15	64QAM	36	39	19.46	19.66	19.67			
15	64QAM	75	0	19.73	19.59	19.67			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.38	22.41	22.42	24	0	
10	QPSK	1	25	22.61	22.57	22.38			
10	QPSK	1	49	22.40	22.32	22.43			
10	QPSK	25	0	21.58	21.57	21.58	23	1	
10	QPSK	25	12	21.79	21.64	21.60			
10	QPSK	25	25	21.61	21.63	21.63			
10	QPSK	50	0	21.72	21.54	21.59	23	1	
10	16QAM	1	0	21.75	21.81	21.81			
10	16QAM	1	25	21.67	21.55	21.55			
10	16QAM	1	49	21.58	21.70	21.54	22	2	
10	16QAM	25	0	20.64	20.62	20.63			
10	16QAM	25	12	20.77	20.65	20.61			
10	16QAM	25	25	20.68	20.62	20.64	22	2	
10	16QAM	50	0	20.65	20.58	20.54			
10	64QAM	1	0	20.42	20.46	20.49			
10	64QAM	1	25	20.48	20.65	20.62	22	2	
10	64QAM	1	49	20.45	20.57	20.38			
10	64QAM	25	0	19.58	19.54	19.60			
10	64QAM	25	12	19.61	19.48	19.68	21	3	
10	64QAM	25	25	19.42	19.66	19.67			
10	64QAM	50	0	19.67	19.56	19.61			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.35	22.35	22.39	24	0	
5	QPSK	1	12	22.59	22.54	22.35			
5	QPSK	1	24	22.27	22.30	22.39			
5	QPSK	12	0	21.52	21.51	21.55	23	1	
5	QPSK	12	7	21.76	21.61	21.56			
5	QPSK	12	13	21.55	21.61	21.60			
5	QPSK	25	0	21.70	21.48	21.53	23	1	
5	16QAM	1	0	21.72	21.78	21.77			
5	16QAM	1	12	21.84	21.61	21.55			
5	16QAM	1	24	21.56	21.67	21.51	22	2	
5	16QAM	12	0	20.61	20.60	20.59			
5	16QAM	12	7	20.73	20.58	20.62			
5	16QAM	12	13	20.63	20.59	20.55	22	2	
5	16QAM	25	0	20.63	20.55	20.51			
5	64QAM	1	0	20.36	20.42	20.45			
5	64QAM	1	12	20.45	20.59	20.56	22	2	
5	64QAM	1	24	20.43	20.55	20.35			
5	64QAM	12	0	19.52	19.51	19.56			
5	64QAM	12	7	19.78	19.42	19.66	21	3	
5	64QAM	12	13	19.38	19.54	19.64			
5	64QAM	25	0	19.61	19.53	19.55			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.08	22.05	22.12	24	0	
3	QPSK	1	8	22.33	22.27	22.08			
3	QPSK	1	14	22.10	22.04	22.11			
3	QPSK	8	0	21.46	21.45	21.52	23	1	
3	QPSK	8	4	21.73	21.58	21.52			
3	QPSK	8	7	21.49	21.59	21.57			
3	QPSK	15	0	21.68	21.42	21.47	23	1	
3	16QAM	1	0	21.69	21.75	21.73			
3	16QAM	1	8	21.80	21.56	21.84			
3	16QAM	1	14	21.54	21.64	21.48	22	2	
3	16QAM	8	0	20.58	20.58	20.55			
3	16QAM	8	4	20.69	20.53	20.49			
3	16QAM	8	7	20.62	20.54	20.60	22	2	
3	16QAM	15	0	20.61	20.52	20.48			
3	64QAM	1	0	20.30	20.38	20.41			
3	64QAM	1	8	20.42	20.53	20.50	22	2	
3	64QAM	1	14	20.41	20.53	20.32			
3	64QAM	8	0	19.46	19.48	19.52			
3	64QAM	8	4	19.75	19.36	19.64	21	3	
3	64QAM	8	7	19.34	19.34	19.61			
3	64QAM	15	0	19.55	19.50	19.49			
Channel				131979	132322	132695	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.5	1745	1779.5			
1.4	QPSK	1	0	22.25	22.19	22.29	24	0	
1.4	QPSK	1	3	22.51	22.44	22.25			
1.4	QPSK	1	5	22.27	22.34	22.27			
1.4	QPSK	3	0	22.38	22.37	22.42	23	1	
1.4	QPSK	3	1	22.48	22.53	22.46			
1.4	QPSK	3	3	22.41	22.55	22.52			
1.4	QPSK	6	0	21.86	21.56	21.61	23	1	
1.4	16QAM	1	0	21.86	21.92	21.89			
1.4	16QAM	1	8	21.80	21.76	21.84			
1.4	16QAM	1	5	21.72	21.81	21.65	23	1	
1.4	16QAM	3	0	21.77	21.78	21.73			
1.4	16QAM	3	1	21.87	21.69	21.80			
1.4	16QAM	6	0	20.78	20.52	20.65	22	2	
1.4	16QAM	6	0	20.44	20.54	20.57			
1.4	64QAM	1	3	20.59	20.67	20.64			
1.4	64QAM	1	5	20.59	20.71	20.49	22	2	
1.4	64QAM	3	0	20.44	20.49	20.52			
1.4	64QAM	3	1	20.76	20.34	20.66			
1.4	64QAM	3	3	20.34	20.34	20.62	21	3	
1.4	64QAM	6	0	19.69	19.67	19.63			
1.4	64QAM	6	0	19.69	19.67	19.63			

UAT-Full Power-DSI 2/3/4/6

Band 2 (1900MHz Band) Part 24E									
BW [MHz]	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)				1860	1880	1900			
20	QPSK	1	0	21.91	21.92	21.82	23	0	
20	QPSK	1	49	21.83	21.71	21.91			
20	QPSK	1	99	21.87	21.83	21.83			
20	QPSK	50	0	21.11	21.13	21.12			
20	QPSK	50	24	21.13	21.11	21.11	22	1	
20	QPSK	50	50	21.13	21.18	20.90			
20	QPSK	100	0	20.74	20.86	20.72			
20	16QAM	1	0	20.83	21.18	21.16			
20	16QAM	1	49	20.91	20.81	20.99	22	1	
20	16QAM	1	99	21.05	21.12	21.18			
20	16QAM	50	0	20.25	20.24	20.23			
20	16QAM	50	24	20.36	20.48	20.47			
20	16QAM	50	50	20.32	20.33	20.53	21	2	
20	16QAM	100	0	20.30	20.30	20.36			
20	64QAM	1	0	20.51	20.56	20.58			
20	64QAM	1	49	20.28	20.40	20.35			
20	64QAM	1	99	20.56	20.52	20.51	21	2	
20	64QAM	50	0	19.06	19.31	19.35			
20	64QAM	50	24	19.07	19.43	19.56			
20	64QAM	50	50	19.08	19.42	19.08			
20	64QAM	100	0	19.32	19.33	19.30	20	3	
Channel									
Frequency (MHz)				1867.5	1890.0	1912.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.82	21.81	21.65	23	0	
15	QPSK	1	37	21.60	21.83	21.77			
15	QPSK	1	74	21.45	21.47	21.78			
15	QPSK	36	0	20.82	20.82	20.90			
15	QPSK	36	20	20.88	20.91	21.01	22	1	
15	QPSK	36	39	20.84	20.92	21.10			
15	QPSK	75	0	21.11	21.18	21.21			
15	16QAM	1	0	20.70	20.95	20.88			
15	16QAM	1	37	20.95	21.07	20.90	22	1	
15	16QAM	1	74	20.89	21.06	21.14			
15	16QAM	36	0	20.24	20.24	20.32			
15	16QAM	36	20	20.43	20.32	20.40			
15	16QAM	36	39	20.37	20.37	20.51	21	2	
15	16QAM	75	0	20.36	20.36	20.48			
15	64QAM	1	0	20.27	20.50	20.71			
15	64QAM	1	37	20.36	20.37	20.40			
15	64QAM	1	74	20.25	20.58	20.42	21	2	
15	64QAM	36	0	19.36	19.34	19.40			
15	64QAM	36	20	19.67	19.47	19.46			
15	64QAM	36	39	19.42	19.52	19.51			
15	64QAM	75	0	19.59	19.51	19.54	20	3	
Channel									
Frequency (MHz)				1865.0	1890.0	1915.0	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.54	21.44	21.78	23	0	
10	QPSK	1	25	21.70	21.69	21.65			
10	QPSK	1	49	21.52	21.68	21.84			
10	QPSK	25	0	20.91	20.74	20.95			
10	QPSK	25	12	20.95	21.02	21.03	22	1	
10	QPSK	25	25	20.81	20.83	21.07			
10	QPSK	50	0	21.08	21.13	21.26			
10	16QAM	1	0	21.09	21.03	21.26			
10	16QAM	1	25	21.18	21.12	21.13	22	1	
10	16QAM	1	49	21.13	21.13	21.12			
10	16QAM	25	0	20.36	20.32	20.38			
10	16QAM	25	12	20.46	20.51	20.57			
10	16QAM	25	25	20.25	20.37	20.48	21	2	
10	16QAM	50	0	20.30	20.35	20.45			
10	64QAM	1	0	20.39	20.64	20.49			
10	64QAM	1	25	20.62	20.68	20.66			
10	64QAM	1	49	20.24	20.60	20.51	21	2	
10	64QAM	25	0	19.47	19.48	19.56			
10	64QAM	25	12	19.57	19.58	19.64			
10	64QAM	25	25	19.67	19.40	19.61			
10	64QAM	50	0	19.39	19.47	19.58	20	3	
Channel									
Frequency (MHz)				1862.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.48	21.74	21.73	23	0	
5	QPSK	1	12	21.85	21.75	21.83			
5	QPSK	1	24	21.85	21.59	21.73			
5	QPSK	12	0	20.99	20.90	21.12			
5	QPSK	12	7	20.97	21.05	21.11	22	1	
5	QPSK	12	13	20.86	20.92	21.06			
5	QPSK	25	0	21.25	21.23	21.14			
5	16QAM	1	0	21.16	21.13	21.13			
5	16QAM	1	12	21.04	21.15	21.18	22	1	
5	16QAM	1	24	21.06	21.03	21.28			
5	16QAM	12	0	20.48	20.48	20.66			
5	16QAM	12	7	20.50	20.52	20.72			
5	16QAM	12	13	20.42	20.47	20.57	21	2	
5	16QAM	25	0	20.43	20.48	20.60			
5	64QAM	1	0	20.70	20.65	20.82			
5	64QAM	1	12	20.66	20.66	20.61			
5	64QAM	1	24	20.59	20.58	20.62	21	2	
5	64QAM	12	0	19.52	19.58	19.70			
5	64QAM	12	7	19.49	19.58	19.72			
5	64QAM	12	13	19.58	19.62	19.66			
5	64QAM	25	0	19.50	19.57	19.65	20	3	
Channel									
Frequency (MHz)				1861.5	1880	1908.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.78	21.75	21.84	23	0	
3	QPSK	1	8	21.71	21.50	21.90			
3	QPSK	1	14	21.64	21.59	21.81			
3	QPSK	8	0	21.83	21.70	21.83			
3	QPSK	8	4	21.75	21.83	21.82	22	1	
3	QPSK	8	7	21.64	21.67	21.87			
3	QPSK	15	0	21.70	21.77	21.90			
3	16QAM	1	0	21.67	21.74	21.72			
3	16QAM	1	8	21.90	21.66	21.84	22	1	
3	16QAM	1	14	21.73	21.64	21.78			
3	16QAM	8	0	20.57	20.51	20.72			
3	16QAM	8	4	20.63	20.55	20.63			
3	16QAM	8	7	20.46	20.44	20.63	21	2	
3	16QAM	15	0	20.43	20.51	20.63			
3	64QAM	1	0	20.73	20.70	20.85			
3	64QAM	1	8	20.61	20.73	20.62			
3	64QAM	1	14	20.52	20.59	20.98	21	2	
3	64QAM	8	0	19.52	19.46	19.70			
3	64QAM	8	4	19.51	19.59	19.74			
3	64QAM	8	7	19.90	19.52	19.59			
3	64QAM	15	0	19.47	19.52	19.73	20	3	
Channel									
Frequency (MHz)				1860.7	1890.0	1919.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.85	21.88	21.81	23	0	
1.4	QPSK	1	3	21.66	21.73	21.74			
1.4	QPSK	1	5	21.61	21.67	21.76			
1.4	QPSK	3	0	21.74	21.72	21.83			
1.4	QPSK	3	1	21.72	21.80	21.85	22	1	
1.4	QPSK	3	3	21.69	21.67	21.81			
1.4	QPSK	6	0	20.87	20.96	20.99			
1.4	16QAM	1	0	20.97	20.92	20.97			
1.4	16QAM	1	3	20.94	20.98	21.01	22	1	
1.4	16QAM	1	5	21.06	20.96	21.24			
1.4	16QAM	3	0	20.90	21.00	21.09			
1.4	16QAM	3	1	21.00	20.93	21.07			
1.4	16QAM	3	3	20.82	20.90	20.99	21	2	
1.4	16QAM	6	0	20.42	20.41	20.61			
1.4	64QAM	1	0	20.74	20.69	20.68			
1.4	64QAM	1	3	20.65	20.58	20.51			
1.4	64QAM	1	5	20.66	20.37	20.65	21	2	
1.4	64QAM	3	0	20.51	20.56	20.50			
1.4	64QAM	3	1	20.43	20.46	20.59			
1.4	64QAM	3	3	20.41	20.42	20.50			
1.4	64QAM	6	0	19.34	19.44	19.53	20	3	

Band 5 (Cellular Band) Part 22H(only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.46	22.64	22.45	23.5	0	
10	QPSK	1	25	22.49	22.42	22.41			
10	QPSK	1	49	22.48	22.37	22.32			
10	QPSK	25	0	21.49	21.65	21.46			
10	QPSK	25	12	21.64	21.48	21.54	22.5	1	
10	QPSK	25	25	21.61	21.53	21.47			
10	QPSK	50	0	21.58	21.59	21.43			
10	16QAM	1	0	21.78	21.72	21.70			
10	16QAM	1	25	21.76	21.79	21.65	22.5	1	
10	16QAM	1	49	21.73	21.66	21.61			
10	16QAM	25	0	20.99	20.92	20.81			
10	16QAM	25	12	20.77	20.89	20.91			
10	16QAM	25	25	20.87	20.92	20.89	21.5	2	
10	16QAM	50	0	20.98	20.81	20.85			
10	64QAM	1	0	20.98	20.99	20.96			
10	64QAM	1	25	20.97	20.99	20.89			
10	64QAM	1	49	20.88	20.86	20.79	21.5	2	
10	64QAM	25	0	19.86	19.79	19.75			
10	64QAM	25	12	19.92	19.82	19.82			
10	64QAM	25	25	19.87	19.82	19.72			
10	64QAM	50	0	19.87	19.69	19.74	20.5	3	
Channel				20425	20525	20625			
Frequency (MHz)				836.5	836.5	846.5	Tune-up limit (dBm)		
5	QPSK	1	0	22.51	22.36	22.31	23.5	0	
5	QPSK	1	12	22.56	22.49	22.40			
5	QPSK	1	24	22.47	22.40	22.27			
5	QPSK	12	0	21.62	21.52	21.40			
5	QPSK	12	7	21.67	21.61	21.42	22.5	1	
5	QPSK	12	13	21.62	21.55	21.41			
5	QPSK	25	0	21.66	21.47	21.37			
5	16QAM	1	0	21.84	21.69	21.60			
5	16QAM	1	12	21.82	21.80	21.65	22.5	1	
5	16QAM	1	24	21.81	21.70	21.57			
5	16QAM	12	0	20.63	20.55	20.43			
5	16QAM	12	7	20.68	20.64	20.45			
5	16QAM	12	13	20.61	20.57	20.47	21.5	2	
5	16QAM	25	0	20.64	20.50	20.39			
5	64QAM	1	0	20.72	20.62	20.53			
5	64QAM	1	12	20.78	20.74	20.57			
5	64QAM	1	24	20.68	20.66	20.49	21.5	2	
5	64QAM	12	0	19.62	19.51	19.39			
5	64QAM	12	7	19.68	19.61	19.44			
5	64QAM	12	13	19.63	19.53	19.46			
5	64QAM	25	0	19.64	19.53	19.39	20.5	3	
Channel				20415	20525	20635			
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)		
3	QPSK	1	0	22.57	22.42	22.34	23.5	0	
3	QPSK	1	8	22.63	22.54	22.41			
3	QPSK	1	14	22.54	22.45	22.27			
3	QPSK	8	0	21.62	21.51	21.44			
3	QPSK	8	4	21.65	21.58	21.46	22.5	1	
3	QPSK	8	7	21.62	21.54	21.39			
3	QPSK	15	0	21.65	21.55	21.42			
3	16QAM	1	0	21.86	21.68	21.63			
3	16QAM	1	8	21.92	21.87	21.69	22.5	1	
3	16QAM	1	14	21.80	21.79	21.62			
3	16QAM	8	0	20.71	20.55	20.29			
3	16QAM	8	4	20.71	20.64	20.33			
3	16QAM	8	7	20.70	20.62	20.44	21.5	2	
3	16QAM	15	0	20.65	20.60	20.45			
3	64QAM	1	0	20.79	20.63	20.59			
3	64QAM	1	8	20.81	20.73	20.60			
3	64QAM	1	14	20.74	20.63	20.56	21.5	2	
3	64QAM	8	0	19.65	19.52	19.48			
3	64QAM	8	4	19.68	19.61	19.49			
3	64QAM	8	7	19.64	19.57	19.43			
3	64QAM	15	0	19.67	19.55	19.44	20.5	3	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)		
1.4	QPSK	1	0	22.42	22.37	22.20	23.5	0	
1.4	QPSK	1	3	22.50	22.45	22.29			
1.4	QPSK	1	5	22.43	22.37	22.18			
1.4	QPSK	3	0	22.43	22.43	22.27			
1.4	QPSK	3	1	22.52	22.42	22.30	22.5	1	
1.4	QPSK	3	3	22.46	22.41	22.24			
1.4	QPSK	6	0	21.54	21.45	21.34			
1.4	16QAM	1	0	21.76	21.72	21.54			
1.4	16QAM	1	3	21.84	21.72	21.60	22.5	1	
1.4	16QAM	1	5	21.76	21.68	21.55			
1.4	16QAM	3	0	21.54	21.48	21.30			
1.4	16QAM	3	1	21.62	21.52	21.37			
1.4	16QAM	3	3	21.54	21.46	21.30	21.5	2	
1.4	16QAM	6	0	20.64	20.55	20.41			
1.4	64QAM	1	0	20.64	20.62	20.47			
1.4	64QAM	1	3	20.68	20.63	20.51			
1.4	64QAM	1	5	20.64	20.58	20.44	21.5	2	
1.4	64QAM	3	0	20.61	20.47	20.37			
1.4	64QAM	3	1	20.68	20.57	20.42			
1.4	64QAM	3	3	20.58	20.50	20.36			
1.4	64QAM	6	0	19.56	19.48	19.32	20.5	3	

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				132072	132322	132572			
Frequency (MHz)				17202	1745	17570			
20	QPSK	1	0	21.88	21.99	21.90	23	0	
20	QPSK	1	49	21.76	21.86	21.78			
20	QPSK	1	99	21.84	21.85	21.80			
20	QPSK	50	0	20.74	20.92	20.80			
20	QPSK	50	24	20.84	20.91	20.80	22	1	
20	QPSK	50	50	20.72	20.83	20.69			
20	QPSK	100	0	20.71	20.82	20.71			
20	16QAM	1	0	20.68	20.74	20.95			
20	16QAM	1	49	20.88	21.00	20.83	22	1	
20	16QAM	1	99	20.68	20.55	20.62			
20	16QAM	50	0	20.08	20.14	20.35			
20	16QAM	50	24	20.28	20.40	20.23			
20	16QAM	50	50	20.08	20.12	20.02	21	2	
20	16QAM	100	0	20.28	20.40	20.23			
20	64QAM	1	0	20.22	20.23	20.47			
20	64QAM	1	49	20.36	20.34	20.32			
20	64QAM	1	99	20.22	20.30	20.02	21	2	
20	64QAM	50	0	19.99	19.12	19.06			
20	64QAM	50	24	19.10	19.16	19.03			
20	64QAM	50	50	18.95	19.06	18.95			
20	64QAM	100	0	19.06	19.14	19.04	20	3	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)		
15	QPSK	1	0	21.70	21.91	21.90	23	0	
15	QPSK	1	37	21.75	21.96	21.79			
15	QPSK	1	74	21.60	21.72	21.66			
15	QPSK	36	0	20.83	21.05	20.91			
15	QPSK	36	20	20.89	21.03	20.93	22	1	
15	QPSK	36	39	20.82	20.99	20.81			
15	QPSK	75	0	20.88	20.98	20.83	22	1	
15	16QAM	1	0	20.75	20.90	20.89			
15	16QAM	1	37	20.73	20.97	20.71			
15	16QAM	1	74	20.61	20.71	20.59			
15	16QAM	36	0	19.87	20.06	19.89	21	2	
15	16QAM	36	20	19.94	20.02	19.95			
15	16QAM	36	39	19.83	20.00	19.83			
15	16QAM	75	0	19.88	20.00	19.85			
15	64QAM	1	0	20.10	20.00	20.23	21	2	
15	64QAM	1	37	19.95	20.10	19.91			
15	64QAM	1	74	19.81	19.76	19.73			
15	64QAM	36	0	18.88	19.08	18.93			
15	64QAM	36	20	18.94	19.04	18.94	20	3	
15	64QAM	36	39	18.84	18.99	18.84			
15	64QAM	75	0	18.88	19.01	18.83			
Channel				132022	132322	132623			
Frequency (MHz)				1715.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.58	21.65	21.60	23	0	
10	QPSK	1	25	21.78	21.76	21.74			
10	QPSK	1	49	21.55	21.60	21.38			
10	QPSK	25	0	20.84	20.93	20.72			
10	QPSK	25	12	20.89	21.00	20.75	22	1	
10	QPSK	25	25	20.79	20.92	20.70			
10	QPSK	50	0	20.85	20.91	20.69			
10	16QAM	1	0	20.60	20.73	20.58			
10	16QAM	1	25	20.84	20.93	20.81	22	1	
10	16QAM	1	49	20.56	20.72	20.55			
10	16QAM	25	0	19.89	19.93	19.78			
10	16QAM	25	12	19.96	20.01	19.80			
10	16QAM	25	25	19.82	19.90	19.70	21	2	
10	16QAM	50	0	19.86	19.92	19.73			
10	64QAM	1	0	19.97	20.04	19.92			
10	64QAM	1	25	20.18	20.25	20.16			
10	64QAM	1	49	19.98	19.97	19.76	21	2	
10	64QAM	25	0	19.88	19.90	19.83			
10	64QAM	25	12	19.87	19.02	18.83			
10	64QAM	25	25	18.82	18.82	18.75			
10	64QAM	50	0	18.84	18.90	18.70	20	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)		
5	QPSK	1	0	21.82	21.91	21.75	23	0	
5	QPSK	1	12	21.82	21.95	21.73			
5	QPSK	1	24	21.70	21.83	21.58			
5	QPSK	12	0	20.94	21.04	20.85			
5	QPSK	12	7	20.91	20.96	20.83	22	1	
5	QPSK	12	13	20.83	20.99	20.76			
5	QPSK	25	0	20.87	20.95	20.76			
5	16QAM	1	0	20.83	20.91	20.74			
5	16QAM	1	12	20.82	20.95	20.68	22	1	
5	16QAM	1	24	20.70	20.86	20.59			
5	16QAM	12	0	19.96	20.03	19.90			
5	16QAM	12	7	19.83	19.93	19.87			
5	16QAM	12	13	19.83	19.90	19.79	21	2	
5	16QAM	25	0	19.94	19.96	19.83			
5	64QAM	1	0	20.03	20.13	20.03			
5	64QAM	1	12	20.02	20.20	19.99			
5	64QAM	1	24	19.95	20.06	19.89	21	2	
5	64QAM	12	0	18.95	19.03	18.87			
5	64QAM	12	7	18.85	19.00	18.83			
5	64QAM	12	13	18.86	18.97	18.74			
5	64QAM	25	0	18.90	18.99	18.85	20	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1779.5	Tune-up limit (dBm)		
3	QPSK	1	0	21.87	21.95	21.78	23	0	
3	QPSK	1	8	21.84	21.97	21.78			
3	QPSK	1	14	21.70	21.85	21.65			
3	QPSK	8	0	20.91	20.98	20.88			
3	QPSK	8	4	20.92	20.97	20.85	22	1	
3	QPSK	8	7	20.85	20.99	20.77			
3	QPSK	16	0	20.89	20.90	20.79			
3	16QAM	1	0	20.85	20.90	20.83			
3	16QAM	1	8	20.88	20.99	20.76	22	1	
3	16QAM	1	14	20.72	20.86	20.65			
3	16QAM	8	0	19.99	20.07	19.92			
3	16QAM	8	4	20.00	20.05	19.89			
3	16QAM	8	7	19.90	20.05	19.82	21	2	
3	16QAM	15	0	19.94	20.02	19.87			
3	64QAM	1	0	20.07	20.12	20.05			
3	64QAM	1	8	20.10	20.22	20.02			
3	64QAM	1	14	19.96	20.12	19.94	21	2	
3	64QAM	8	0	18.95	19.05	18.88			
3	64QAM	8	4	18.94	19.00	18.88			
3	64QAM	8	7	18.85	19.03	18.81			
3	64QAM	15	0	18.90	18.99	18.85	20	3	
Channel				131979	132322	132685			
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)		
1.4	QPSK	1	0	21.74	21.83	21.61	23	0	
1.4	QPSK	1	3	21.76	21.91	21.65			
1.4	QPSK	1	5	21.67	21.83	21.55			
1.4	QPSK	3	0	21.73	21.84	21.61			
1.4	QPSK	3	1	21.77	21.90	21.65	22	1	
1.4	QPSK	3	3	21.70	21.89	21.62			
1.4	QPSK	6	0	20.82	20.89	20.68			
1.4	16QAM	1	0	20.73	20.85	20.68			
1.4	16QAM	1	3	20.79	20.98	20.71	22	1	
1.4	16QAM	1	5	20.66	20.87	20.64			
1.4	16QAM	3	0	20.82	20.93	20.75			
1.4	16QAM	3	1	20.85	21.00	20.80			
1.4	16QAM	3	3	20.77	20.95	20.68	21	2	
1.4	16QAM	6	0	19.88	19.98	19.81			
1.4	64QAM	1	0	19.98	20.08	19.89			
1.4	64QAM	1	3	20.01	20.12	19.91			
1.4	64QAM	1	5	19.92	20.12	19.90	21	2	
1.4	64QAM	3	0	19.84	19.94	19.81			
1.4	64QAM	3	1	19.88	20.04	19.80			
1.4	64QAM	3	3	19.81	19.98	19.70			
1.4	64QAM	6	0	18.82	18.90	18.71	20	3	
Channel				131969	132322	132693			
Frequency (MHz)				1710.0	1745	1779.0	Tune-up limit (dBm)		

UAT-Reduced Power - DSI 2 for Head

Band 2 (1900MHz Band)									
Part 24E									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18800	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	13.34	13.48	13.31	14.3	0	
20	QPSK	1	49	13.09	13.30	13.30			
20	QPSK	1	99	13.12	13.22	13.28			
20	QPSK	50	0	13.17	13.40	13.28			
20	QPSK	50	24	13.32	13.39	13.38	14.3	0	
20	QPSK	50	50	13.15	13.23	13.35			
20	QPSK	100	0	13.22	13.34	13.33			
20	16QAM	1	0	13.22	13.23	13.23			
20	16QAM	1	49	13.43	13.22	13.23	14.3	0	
20	16QAM	1	99	13.46	13.33	13.23			
20	16QAM	50	0	13.11	13.20	13.20			
20	16QAM	50	24	13.27	13.30	13.38			
20	16QAM	50	50	13.19	13.32	13.37	14.3	0	
20	16QAM	100	0	13.15	13.20	13.27			
20	64QAM	1	0	13.24	13.38	13.35			
20	64QAM	1	49	13.16	13.28	13.29			
20	64QAM	1	99	13.11	13.31	13.32	14.3	0	
20	64QAM	50	0	13.08	13.19	13.20			
20	64QAM	50	24	13.20	13.25	13.40			
20	64QAM	50	50	13.18	13.32	13.37			
20	64QAM	100	0	13.17	13.18	13.23	14.3	0	
Channel				1867.5	1890	1912.5	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	0	13.14	13.30	13.28	14.3	0	
15	QPSK	1	37	13.16	13.28	13.33			
15	QPSK	1	74	12.99	13.28	13.30			
15	QPSK	36	0	13.22	13.30	13.28			
15	QPSK	36	20	13.32	13.37	13.44	14.3	0	
15	QPSK	36	39	13.23	13.39	13.43			
15	QPSK	75	0	13.28	13.31	13.29			
15	16QAM	1	0	13.36	13.23	13.47			
15	16QAM	1	37	13.38	13.23	13.23	14.3	0	
15	16QAM	1	74	13.30	13.47	13.23			
15	16QAM	36	0	13.07	13.19	13.19			
15	16QAM	36	20	13.24	13.24	13.36			
15	16QAM	36	39	13.19	13.30	13.34	14.3	0	
15	16QAM	75	0	13.18	13.20	13.25			
15	64QAM	1	0	13.08	13.27	13.29			
15	64QAM	1	37	13.19	13.28	13.30			
15	64QAM	1	74	13.16	13.30	13.28	14.3	0	
15	64QAM	36	0	13.11	13.19	13.19			
15	64QAM	36	20	13.21	13.25	13.38			
15	64QAM	36	39	13.19	13.32	13.36			
15	64QAM	75	0	13.24	13.22	13.26	14.3	0	
Channel				1895.0	1890	1915.0	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				1895	1880	1905			
10	QPSK	1	0	12.88	13.00	13.28	14.3	0	
10	QPSK	1	25	13.14	13.27	13.22			
10	QPSK	1	49	12.86	12.92	13.24			
10	QPSK	25	0	13.15	13.22	13.27			
10	QPSK	25	12	13.20	13.30	13.34	14.3	0	
10	QPSK	25	25	13.11	13.29	13.37			
10	QPSK	50	0	13.13	13.21	13.24			
10	16QAM	1	0	13.38	13.28	13.22			
10	16QAM	1	25	13.47	13.23	13.33	14.3	0	
10	16QAM	1	49	13.42	13.31	13.23			
10	16QAM	25	0	13.12	13.14	13.23			
10	16QAM	25	12	13.19	13.27	13.31			
10	16QAM	25	25	13.05	13.25	13.25	14.3	0	
10	16QAM	50	0	13.10	13.15	13.24			
10	64QAM	1	0	13.25	13.17	13.21			
10	64QAM	1	25	13.40	13.22	13.23			
10	64QAM	1	49	13.36	13.23	13.22	14.3	0	
10	64QAM	25	0	13.10	13.24	13.21			
10	64QAM	25	12	13.19	13.00	13.30			
10	64QAM	25	25	13.05	13.23	13.28			
10	64QAM	50	0	13.10	13.16	13.14	14.3	0	
Channel				1862.5	1890	1917.5	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	0	13.05	13.12	13.25	14.3	0	
5	QPSK	1	12	13.11	13.30	13.24			
5	QPSK	1	24	13.02	13.15	13.08			
5	QPSK	12	0	13.15	13.28	13.37			
5	QPSK	12	7	13.24	13.33	13.42	14.3	0	
5	QPSK	12	13	13.19	13.35	13.38			
5	QPSK	25	0	13.18	13.28	13.37			
5	16QAM	1	0	13.42	13.44	13.33			
5	16QAM	1	12	13.43	13.32	13.34	14.3	0	
5	16QAM	1	24	13.31	13.44	13.23			
5	16QAM	12	0	13.24	13.27	13.38			
5	16QAM	12	7	13.21	13.31	13.40	14.3	0	
5	16QAM	12	13	13.15	13.25	13.32			
5	16QAM	25	0	13.12	13.22	13.32			
5	64QAM	1	0	13.28	13.31	13.23			
5	64QAM	1	12	13.44	13.21	13.23	14.3	0	
5	64QAM	1	24	13.26	13.29	13.34			
5	64QAM	12	0	13.19	13.24	13.38			
5	64QAM	12	7	13.14	13.25	13.35			
5	64QAM	12	13	13.10	13.21	13.30	14.3	0	
5	64QAM	25	0	13.18	13.20	13.33			
Channel				18915	18900	19185	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	13.12	13.17	13.18	14.3	0	
3	QPSK	1	8	13.16	13.36	13.26			
3	QPSK	1	14	13.10	13.21	13.28			
3	QPSK	8	0	13.19	13.27	13.40			
3	QPSK	8	4	13.23	13.32	13.41	14.3	0	
3	QPSK	8	7	13.20	13.31	13.35			
3	QPSK	15	0	13.17	13.28	13.37			
3	16QAM	1	0	13.22	13.23	13.23			
3	16QAM	1	8	13.23	13.23	13.23	14.3	0	
3	16QAM	1	14	13.31	13.44	13.21			
3	16QAM	8	0	13.30	13.31	13.44			
3	16QAM	8	4	13.30	13.42	13.23			
3	16QAM	8	7	13.20	13.31	13.44	14.3	0	
3	16QAM	15	0	13.22	13.31	13.39			
3	64QAM	1	0	13.34	13.32	13.45			
3	64QAM	1	8	13.43	13.42	13.34			
3	64QAM	1	14	13.20	13.24	13.46	14.3	0	
3	64QAM	8	0	13.22	13.28	13.31			
3	64QAM	8	4	13.23	13.32	13.39			
3	64QAM	8	7	13.14	13.23	13.30			
3	64QAM	15	0	13.16	13.27	13.34	14.3	0	
Channel				18607	18900	19193	Tune-up limit (dBm) MPR (dB)		
Frequency (MHz)				18607	1880	1909.3			
1.4	QPSK	1	0	13.04	13.23	13.20	14.3	0	
1.4	QPSK	1	3	13.06	13.16	13.27			
1.4	QPSK	1	5	12.98	13.19	13.20			
1.4	QPSK	3	0	13.07	13.21	13.24			
1.4	QPSK	3	1	13.11	13.26	13.32	14.3	0	
1.4	QPSK	3	3	13.23	13.21	13.24			
1.4	QPSK	6	0	13.10	13.32	13.36			
1.4	16QAM	1	0	13.30	13.46	13.23			
1.4	16QAM	1	3	13.36	13.22	13.34	14.3	0	
1.4	16QAM	1	5	13.28	13.42	13.21			
1.4	16QAM	3	0	13.10	13.30	13.34			
1.4	16QAM	3	1	13.19	13.32	13.43			
1.4	16QAM	3	3	13.05	13.25	13.43	14.3	0	
1.4	16QAM	6	0	13.14	13.25	13.35			
1.4	64QAM	1	0	13.18	13.37	13.43			
1.4	64QAM	1	3	13.22	13.42	13.23			
1.4	64QAM	1	5	13.13	13.34	13.23	14.3	0	
1.4	64QAM	3	0	13.15	13.33	13.39			

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				13207.2	13232.2	13257.2			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	14.32	14.35	14.09	14.9	0	
20	QPSK	1	49	13.89	14.32	14.09			
20	QPSK	1	99	14.23	14.09	14.09			
20	QPSK	50	0	13.99	14.14	14.04			
20	QPSK	50	24	14.07	14.04	14.13			
20	QPSK	50	50	13.91	13.94	13.97	14.9	0	
20	QPSK	100	0	13.97	14.08	14.07			
20	16QAM	1	0	14.02	13.93	14.02			
20	16QAM	1	49	14.23	14.26	14.23			
20	16QAM	1	99	13.89	13.96	14.02			
20	16QAM	50	0	13.94	13.96	13.95	14.9	0	
20	16QAM	50	24	14.04	14.03	13.98			
20	16QAM	50	50	13.87	13.97	13.87			
20	16QAM	100	0	13.93	13.95	13.89			
20	64QAM	1	0	13.94	13.96	13.93			
20	64QAM	1	49	14.03	13.96	13.96	14.9	0	
20	64QAM	1	99	13.74	13.80	13.76			
20	64QAM	50	0	13.92	13.97	13.92			
20	64QAM	50	24	14.05	14.01	13.95			
20	64QAM	50	50	13.85	13.94	13.90			
20	64QAM	100	0	13.95	13.92	13.88			
Channel				13204.7	13232.2	13259.7			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	13.89	13.95	13.98			
15	QPSK	1	37	13.88	13.97	14.01	14.9	0	
15	QPSK	1	74	13.72	13.79	13.87			
15	QPSK	36	0	14.02	14.08	14.10			
15	QPSK	36	20	14.07	14.07	14.13	14.9	0	
15	QPSK	36	39	13.95	14.03	13.98			
15	QPSK	75	0	14.03	14.03	14.00			
15	16QAM	1	0	14.20	14.19	14.04	14.9	0	
15	16QAM	1	37	14.18	14.15	14.20			
15	16QAM	1	74	13.93	13.95	14.07			
15	16QAM	36	0	14.01	14.01	13.98	14.9	0	
15	16QAM	36	20	14.05	13.99	13.93			
15	16QAM	36	39	13.97	13.96	13.91			
15	16QAM	75	0	14.03	13.98	13.93	14.9	0	
15	64QAM	1	0	13.97	13.63	13.59			
15	64QAM	1	37	13.95	13.95	13.98			
15	64QAM	1	74	13.66	13.63	13.79	14.9	0	
15	64QAM	36	0	13.96	13.95	13.98			
15	64QAM	36	20	14.00	14.02	13.95			
15	64QAM	36	39	13.89	13.93	13.91	14.9	0	
15	64QAM	75	0	13.96	13.97	13.91			
Channel				13202.2	13232.2	13262.2			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	13.80	13.82	13.86	14.9	0	
10	QPSK	1	25	13.91	13.96	13.96			
10	QPSK	1	49	13.61	13.71	13.89			
10	QPSK	25	0	14.00	13.96	13.96	14.9	0	
10	QPSK	25	12	14.04	13.95	14.01			
10	QPSK	25	25	13.97	14.02	14.01			
10	QPSK	50	0	13.99	14.00	13.97	14.9	0	
10	16QAM	1	0	13.99	14.04	14.03			
10	16QAM	1	25	14.25	14.03	14.03			
10	16QAM	1	49	13.94	14.04	13.93	14.9	0	
10	16QAM	25	0	13.94	13.95	13.93			
10	16QAM	25	12	13.96	13.96	13.96			
10	16QAM	25	25	13.87	13.96	13.93	14.9	0	
10	16QAM	50	0	13.90	13.89	13.87			
10	64QAM	1	0	14.00	14.04	14.20			
10	64QAM	1	25	14.18	14.02	14.26	14.9	0	
10	64QAM	1	49	13.83	13.96	13.85			
10	64QAM	25	0	13.93	13.96	13.96			
10	64QAM	25	12	14.00	14.01	13.95	14.9	0	
10	64QAM	25	25	13.88	13.94	13.92			
10	64QAM	50	0	13.90	13.92	13.87			
Channel				13199.7	13232.2	13264.7			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	13.89	13.94	13.94	14.9	0	
5	QPSK	1	12	14.00	14.03	14.01			
5	QPSK	1	24	13.89	13.93	13.88			
5	QPSK	12	0	14.00	14.04	14.03	14.9	0	
5	QPSK	12	7	14.07	14.06	13.94			
5	QPSK	12	13	14.03	13.90	14.06			
5	QPSK	25	0	14.02	14.05	14.04	14.9	0	
5	16QAM	1	0	14.09	14.26	14.29			
5	16QAM	1	12	14.21	14.03	14.25			
5	16QAM	1	24	14.16	14.21	14.09	14.9	0	
5	16QAM	12	0	14.05	14.04	14.06			
5	16QAM	12	7	14.03	14.06	14.06			
5	16QAM	12	13	13.98	14.00	13.95	14.9	0	
5	16QAM	25	0	13.99	13.97	13.97			
5	64QAM	1	0	14.16	14.17	14.17			
5	64QAM	1	12	14.15	14.22	14.17	14.9	0	
5	64QAM	1	24	14.01	14.13	14.16			
5	64QAM	12	0	14.04	14.00	14.02			
5	64QAM	12	7	14.00	14.02	14.04	14.9	0	
5	64QAM	12	13	13.92	13.96	13.96			
5	64QAM	25	0	13.97	13.97	13.94			
Channel				13198.7	13232.2	13265.7			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	13.88	13.91	13.84	14.9	0	
3	QPSK	1	8	13.96	14.04	13.98			
3	QPSK	1	14	13.92	13.96	13.96			
3	QPSK	8	0	14.00	13.96	13.90	14.9	0	
3	QPSK	8	4	14.04	14.07	14.01			
3	QPSK	8	7	14.03	14.08	13.97			
3	QPSK	15	0	14.00	14.05	13.99	14.9	0	
3	16QAM	1	0	14.23	14.26	14.25			
3	16QAM	1	8	14.27	14.03	14.24			
3	16QAM	1	14	14.12	14.21	14.18	14.9	0	
3	16QAM	8	0	14.03	14.07	14.02			
3	16QAM	8	4	14.07	14.12	14.02			
3	16QAM	8	7	13.96	14.04	13.96	14.9	0	
3	16QAM	15	0	14.01	13.96	13.96			
3	64QAM	1	0	14.20	14.05	14.12			
3	64QAM	1	8	14.21	14.03	14.19	14.9	0	
3	64QAM	1	14	14.03	14.00	14.00			
3	64QAM	8	0	14.03	13.96	13.99			
3	64QAM	8	4	14.03	14.03	14.06	14.9	0	
3	64QAM	8	7	13.85	13.86	13.88			
3	64QAM	15	0	13.95	13.96	13.92			
Channel				13197.9	13232.2	13268.5			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	13.85	13.90	13.80	14.9	0	
1.4	QPSK	1	3	13.94	13.95	13.88			
1.4	QPSK	1	5	13.87	13.91	13.80			
1.4	QPSK	3	0	13.85	13.88	13.83			
1.4	QPSK	3	1	13.92	13.98	13.86			
1.4	QPSK	3	3	13.91	13.91	13.85	14.9	0	
1.4	QPSK	6	0	13.97	13.98	13.89			
1.4	16QAM	1	0	14.16	14.18	14.07			
1.4	16QAM	1	3	14.19	14.20	14.08			
1.4	16QAM	1	5	14.09	14.13	13.99			
1.4	16QAM	3	0	13.93	13.96	13.95	14.9	0	
1.4	16QAM	3	1	13.98	14.01	13.87			
1.4	16QAM	3	3	13.97	13.96	13.85			
1.4	16QAM	6	0	13.97	13.99	13.86			
1.4	16QAM	1	0	14.07	14.12	14.01			
1.4	64QAM	1	3	14.08	14.12	13.99	14.9	0	
1.4	64QAM	1	5	14.02	14.06	13.97			
1.4	64QAM	3	0	13.85	14.04	13.98			
1.4	64QAM	3	1	14.02	14.05	14.03			
1.4	64QAM	3	3	13.92	14.03	13.84			
1.4	64QAM	6	0	13.81	13.79	13.83	14.9	0	

UAT-Reduced Power - DSI 3 for BodyWorn / Hotspot

Band 2 (1900MHz Band)									
Part 24E									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				18700	18900	19100			
20	QPSK	1	0	15.02	15.07	15.00			
20	QPSK	1	49	14.96	14.89	14.70	15.8	0	
20	QPSK	1	99	14.99	14.88	14.76			
20	QPSK	50	0	14.56	14.77	14.54			
20	QPSK	50	24	14.71	14.73	14.68			
20	QPSK	50	50	14.65	14.76	14.58	15.8	0	
20	QPSK	100	0	14.62	14.67	14.24			
20	16QAM	1	0	15.02	15.04	14.66			
20	16QAM	1	49	14.97	14.99	14.76	15.8	0	
20	16QAM	1	99	14.83	14.97	15.04			
20	16QAM	50	0	14.59	14.69	14.65			
20	16QAM	50	24	14.74	14.77	14.86			
20	16QAM	50	50	14.69	14.79	14.85	15.8	0	
20	16QAM	100	0	14.65	14.68	14.71			
20	64QAM	1	0	14.54	14.91	14.56			
20	64QAM	1	49	14.54	14.48	14.52	15.8	0	
20	64QAM	1	99	14.59	14.76	14.70			
20	64QAM	50	0	14.59	14.69	14.62			
20	64QAM	50	24	14.70	14.76	14.68	15.8	0	
20	64QAM	50	50	14.54	14.79	14.85			
20	64QAM	100	0	14.25	14.68	14.74			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	14.46	14.71	14.71			
15	QPSK	1	37	14.51	14.69	14.74	15.8	0	
15	QPSK	1	74	14.43	14.68	14.74			
15	QPSK	36	0	14.34	14.71	14.74			
15	QPSK	36	20	14.69	14.77	14.92			
15	QPSK	36	39	14.65	14.80	14.91	15.8	0	
15	QPSK	75	0	14.63	14.72	14.76			
15	16QAM	1	0	14.73	15.05	15.02			
15	16QAM	1	37	14.84	14.94	14.94	15.8	0	
15	16QAM	1	74	14.73	14.92	14.95			
15	16QAM	36	0	14.59	14.71	14.72			
15	16QAM	36	20	14.67	14.74	14.84	15.8	0	
15	16QAM	36	39	14.66	14.81	14.87			
15	16QAM	75	0	14.66	14.69	14.71			
15	64QAM	1	0	14.54	14.85	14.78	15.8	0	
15	64QAM	1	37	14.72	14.77	14.84			
15	64QAM	1	74	14.65	14.85	14.72			
15	64QAM	36	0	14.57	14.70	14.74			
15	64QAM	36	20	14.72	14.75	14.88	15.8	0	
15	64QAM	36	39	14.66	14.72	14.86			
15	64QAM	75	0	14.68	14.69	15.01			
Channel				19050	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	14.58	14.72	14.86			
10	QPSK	1	25	14.58	14.70	14.82	15.8	0	
10	QPSK	1	49	14.62	14.56	14.80			
10	QPSK	25	0	14.66	14.78	14.80			
10	QPSK	25	12	14.70	14.76	14.89			
10	QPSK	25	25	14.58	14.75	14.89	15.8	0	
10	QPSK	50	0	14.64	14.65	14.76			
10	16QAM	1	0	14.76	14.74	14.79			
10	16QAM	1	25	14.96	14.89	14.89	15.8	0	
10	16QAM	1	49	14.88	14.85	14.88			
10	16QAM	25	0	14.66	14.69	14.63			
10	16QAM	25	12	14.74	14.79	14.84	15.8	0	
10	16QAM	25	25	14.61	14.74	14.78			
10	16QAM	50	0	14.61	14.68	14.69			
10	64QAM	1	0	14.76	14.70	14.69	15.8	0	
10	64QAM	1	25	14.86	14.78	14.87			
10	64QAM	1	49	14.68	14.81	14.88			
10	64QAM	25	0	14.65	14.70	15.01			
10	64QAM	25	12	14.71	14.76	14.82	15.8	0	
10	64QAM	25	25	14.68	14.82	14.79			
10	64QAM	50	0	14.75	14.64	15.02			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	14.57	14.60	14.72			
5	QPSK	1	12	14.67	14.77	14.78	15.8	0	
5	QPSK	1	24	14.46	14.62	14.65			
5	QPSK	12	0	14.76	14.78	14.96			
5	QPSK	12	7	14.74	14.82	14.94	15.8	0	
5	QPSK	12	13	14.68	14.80	14.90			
5	QPSK	25	0	14.70	14.74	14.95			
5	16QAM	1	0	15.00	15.01	14.98			
5	16QAM	1	12	15.06	14.89	14.89	15.8	0	
5	16QAM	1	24	14.90	14.98	15.05			
5	16QAM	12	0	14.78	14.84	14.94			
5	16QAM	12	7	14.79	14.83	14.94	15.8	0	
5	16QAM	12	13	14.68	14.82	14.88			
5	16QAM	25	0	14.71	14.75	14.88			
5	64QAM	1	0	14.90	14.90	14.97			
5	64QAM	1	12	14.93	15.05	14.89	15.8	0	
5	64QAM	1	24	14.73	14.67	14.90			
5	64QAM	12	0	14.73	14.65	14.89			
5	64QAM	12	7	14.72	14.78	14.93	15.8	0	
5	64QAM	12	13	14.65	14.58	14.87			
5	64QAM	25	0	14.69	14.73	14.86			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	14.65	14.67	14.86			
3	QPSK	1	8	14.69	14.76	14.91	15.8	0	
3	QPSK	1	14	14.52	14.54	14.77			
3	QPSK	8	0	14.71	14.71	14.97			
3	QPSK	8	4	14.74	14.81	14.94	15.8	0	
3	QPSK	8	7	14.68	14.74	14.88			
3	QPSK	15	0	14.72	14.80	14.95			
3	16QAM	1	0	15.00	15.06	14.89			
3	16QAM	1	8	14.78	14.89	14.88	15.8	0	
3	16QAM	1	14	14.90	14.98	15.02			
3	16QAM	8	0	14.84	14.86	15.03			
3	16QAM	8	4	14.83	14.93	15.04	15.8	0	
3	16QAM	8	7	14.74	14.83	14.93			
3	16QAM	15	0	14.77	14.87	14.96			
3	64QAM	1	0	14.87	14.93	15.06			
3	64QAM	1	8	14.98	15.05	14.87	15.8	0	
3	64QAM	1	14	14.92	14.96	14.88			
3	64QAM	8	0	14.66	14.91	14.94			
3	64QAM	8	4	14.75	14.83	14.94	15.8	0	
3	64QAM	8	7	14.65	14.83	14.90			
3	64QAM	15	0	14.65	14.84	15.01			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	14.51	14.65	14.80			
1.4	QPSK	1	3	14.54	14.69	14.81	15.8	0	
1.4	QPSK	1	5	14.51	14.62	14.70			
1.4	QPSK	3	0	14.55	14.68	14.82			
1.4	QPSK	3	1	14.59	14.77	14.86			
1.4	QPSK	3	3	14.55	14.65	14.79	15.8	0	
1.4	QPSK	6	0	14.64	14.77	14.85			
1.4	16QAM	1	0	14.85	15.03	14.88			
1.4	16QAM	1	3	14.93	15.07	14.87	15.8	0	
1.4	16QAM	1	5	14.85	14.93	15.04			
1.4	16QAM	3	0	14.71	14.86	14.96			
1.4	16QAM	3	1	14.73	14.90	14.96			
1.4	16QAM	3	3	14.67	14.83	14.87	15.8	0	
1.4	16QAM	6	0	14.66	14.84	14.88			
1.4	64QAM	1	0	14.80	14.94	14.94			
1.4	64QAM	1	3	14.83	14.93	15.01			
1.4	64QAM	1	5	14.74	14.83	14.89	15.8	0	
1.4	64QAM	3	0	14.73	14.90	14.96			
1.4	64QAM	3	1	14.82	14.94	15.00			
1.4	64QAM	3	3	14.68	14.85	14.95			
1.4	64QAM	6	0	14.84	14.80	14.95	15.8	0	

Band 4 (AWS Band)									
Part 27L (only on channel required)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	15.23	15.34	15.21			
20	QPSK	1	49	15.02	15.06	15.12	16.5	0	
20	QPSK	1	99	14.98	14.92	15.12			
20	QPSK	50	0	15.08	15.22	15.10			
20	QPSK	50	24	15.21	15.14	15.16	16.5	0	
20	QPSK	50	50	15.09	15.15	15.12			
20	QPSK	100	0	15.07	15.12	15.09			
20	16QAM	1	0	15.22	15.23	15.12			
20	16QAM	1	49	15.23	15.21	15.21	16.5	0	
20	16QAM	1	99	15.12	15.16	15.03			
20	16QAM	50	0	15.08	15.11	15.12			
20	16QAM	50	24	15.20	15.13	15.10	16.5	0	
20	16QAM	50	50	15.10	15.13	15.08			
20	16QAM	100	0	15.10	15.08	15.11			
20	56QAM	1	0	15.13	15.13	15.31			
20	56QAM	1	49	15.04	15.07	15.13	16.5	0	
20	56QAM	1	99	15.06	15.12	15.07			
20	56QAM	50	0	15.03	15.05	15.12			
20	56QAM	50	24	15.19	15.13	15.14	16.5	0	
20	56QAM	50	50	15.01	15.01	15.14			
20	56QAM	100	0	15.03	15.41	15.07			
Channel				20050	20175	20300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	15.12	15.14	14.90			
15	QPSK	1	37	15.14	15.03	15.12	16.5	0	
15	QPSK	1	74	14.98	14.95	14.90			
15	QPSK	36	0	15.10	15.07	15.14			
15	QPSK	36	20	15.22	15.12	15.23	16.5	0	
15	QPSK	36	39	15.11	15.17	15.14			
15	QPSK	75	0	15.14	15.06	15.11			
15	16QAM	1	0	15.13	15.25	15.33			
15	16QAM	1	37	15.21	15.23	15.12	16.5	0	
15	16QAM	1	74	15.22	15.27	15.19			
15	16QAM	36	0	15.09	15.08	15.14			
15	16QAM	36	20	15.20	15.16	15.24	16.5	0	
15	16QAM	36	39	15.09	15.20	15.16			
15	16QAM	75	0	15.13	15.08	15.10			
15	56QAM	1	0	15.29	15.19	15.18			
15	56QAM	1	37	15.26	15.08	15.23	16.5	0	
15	56QAM	1	74	15.18	15.19	15.11			
15	56QAM	36	0	15.08	15.07	15.14			
15	56QAM	36	20	15.19	15.13	15.04	16.5	0	
15	56QAM	36	39	15.10	15.16	15.14			
15	56QAM	75	0	15.08	15.11	15.03			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	14.85	14.81	14.81			
10	QPSK	1	25	15.16	15.15	15.14	16.5	0	
10	QPSK	1	49	14.79	14.81	14.74			
10	QPSK	25	0	15.13	15.04	15.13			
10	QPSK	25	12	15.19	15.12	14.98	16.5	0	
10	QPSK	25	25	15.06	15.11	15.08			
10	QPSK	50	0	15.11	15.05	15.11			
10	16QAM	1	0	15.23	15.20	15.14			
10	16QAM	1	25	15.23	15.21	15.32	16.5	0	
10	16QAM	1	49	15.06	15.17	15.12			
10	16QAM	25	0	15.13	15.11	15.08			
10	16QAM	25	12	15.21	15.19	15.16	16.5	0	
10	16QAM	25	25	15.09	15.15	15.07			
10	16QAM	50	0	15.11	15.09	15.04			
10	56QAM	1	0	15.25	15.21	15.12			
10	56QAM	1	25	15.14	15.14	15.17	16.5	0	
10	56QAM	1	49	15.08	15.29	15.02			
10	56QAM	25	0	15.15	15.13	15.14	16.5	0	
10	56QAM	25	12	15.23	15.44	15.17			
10	56QAM	25	25	15.12	15.14	15.11	16.5	0	
10	56QAM	50	0	15.23	15.04	15.14			
Channel				19975	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	15.11	15.00	15.08			
5	QPSK	1	12	15.14	15.14	15.07	16.5	0	
5	QPSK	1	24	15.16	15.01	14.93			
5	QPSK	12	0	15.21	15.15	15.19			
5	QPSK	12	7	15.20	15.17	15.22	16.5	0	
5	QPSK	12	13	15.18	15.19	15.14			
5	QPSK	25	0	15.18	15.09	15.18			
5	16QAM	1	0	15.23	15.29	15.23			
5	16QAM	1	12	15.23	15.30	15.13	16.5	0	
5	16QAM	1	24	15.13	15.11	15.28			
5	16QAM	12	0	15.24	15.18	15.24			
5	16QAM	12	7	15.24	15.19	15.26	16.5	0	
5	16QAM	12	13	15.20	15.20	15.15			
5	16QAM	25	0	15.21	15.14	15.16			
5	56QAM	1	0	15.11	15.23	15.12			
5	56QAM	1	12	15.12	15.11	15.11	16.5	0	
5	56QAM	1	24	15.24	15.21	15.22			
5	56QAM	12	0	15.21	15.15	15.19			
5	56QAM	12	7	15.27	15.21	15.22	16.5	0	
5	56QAM	12	13	15.19	15.20	15.12			
5	56QAM	25	0	15.05	15.15	15.12			
Channel				19955	20175	20355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	15.17	15.11	15.05			
3	QPSK	1	8	15.15	15.08	15.10	16.5	0	
3	QPSK	1	14	15.08	15.12	15.00			
3	QPSK	8	0	15.12	15.03	15.19			
3	QPSK	8	4	15.14	15.24	15.19	16.5	0	
3	QPSK	8	7	15.18	15.19	15.11			
3	QPSK	15	0	15.20	15.12	15.15			
3	16QAM	1	0	15.21	15.12	15.21			
3	16QAM	1	8	15.21	15.14	15.22	16.5	0	
3	16QAM	1	14	15.12	15.13	15.11			
3	16QAM	8	0	15.29	15.18	15.27			
3	16QAM	8	4	15.29	15.25	15.24	16.5	0	
3	16QAM	8	7	15.23	15.21	15.18			
3	16QAM	15	0	15.21	15.18	15.20			
3	56QAM	1	0	15.13	15.12	15.12	16.5	0	
3	56QAM	1	8	15.12	15.12	15.13			
3	56QAM	1	14	15.29	15.12	15.31			
3	56QAM	8	0	15.24	15.18	15.17			
3	56QAM	8	4	15.13	15.23	15.27	16.5	0	
3	56QAM	8	7	15.26	15.12	15.14			
3	56QAM	15	0	15.21	15.00	15.14			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	15.04	15.08	15.02			
1.4	QPSK	1	3	15.10	15.09	15.05	16.5	0	
1.4	QPSK	1	5	15.08	14.98	15.04			
1.4	QPSK	3	0	15.07	15.07	15.07			
1.4	QPSK	3	1	15.08	15.09	15.06			
1.4	QPSK	3	3	15.06	15.04	15.04			
1.4	QPSK	6	0	15.14	15.13	15.08	16.5	0	
1.4	16QAM	1	0	15.12	15.12	15.11			
1.4	16QAM	1	3	15.12	15.22	15.12			
1.4	16QAM	1	5	15.12	15.33	15.11	16.5	0	
1.4	16QAM	3	0	15.16	15.15	15.10			
1.4	16QAM	3	1	15.21	15.21	15.18			
1.4	16QAM	3	3	15.11	15.12	15.09			
1.4	16QAM	6	0	15.26	15.31	15.15	16.5	0	
1.4	56QAM	1	0	15.30	15.27	15.12			
1.4	56QAM	1	3	15.33	15.29	15.13			
1.4	56QAM	1	5	15.26	15.23	15.13	16.5	0	
1.4	56QAM	3	0	15.29	15.15	15.13			
1.4	56QAM	3	1	15.24	15.07	15.22			
1.4	56QAM	3	3	15.01	15.26	15.13			
1.4	56QAM	6	0	15.09	15.09	15.18	16.5	0	

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				130072	130322	130572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	15.23	15.40	15.14	16.5	0		
20	QPSK	1	49	15.09	15.18	15.14				
20	QPSK	1	99	15.22	15.23	15.32				
20	QPSK	50	0	15.16	15.27	15.19	16.5	0		
20	QPSK	50	24	15.26	15.24	15.22				
20	QPSK	50	50	15.11	15.17	15.21				
20	QPSK	100	0	15.15	15.19	15.15	16.5	0		
20	16QAM	1	0	15.29	15.32	15.21				
20	16QAM	1	49	15.11	15.22	15.21				
20	16QAM	1	99	15.13	15.21	15.25	16.5	0		
20	16QAM	50	0	15.19	15.14	15.20				
20	16QAM	50	24	15.28	15.26	15.25				
20	16QAM	50	50	15.14	15.21	15.13	16.5	0		
20	16QAM	100	0	15.18	15.17	15.14				
20	64QAM	1	0	15.30	14.95	15.22				
20	64QAM	1	49	15.21	14.95	15.18	16.5	0		
20	64QAM	1	99	15.15	15.18	15.21				
20	64QAM	50	0	15.16	15.22	15.15				
20	64QAM	50	24	15.24	15.28	15.21	16.5	0		
20	64QAM	50	50	15.12	15.21	15.14				
20	64QAM	100	0	15.19	15.18	15.16				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	15.04	15.12	15.08	16.5	0		
15	QPSK	1	37	15.07	15.17	15.10				
15	QPSK	1	74	14.92	15.01	14.99				
15	QPSK	36	0	15.20	15.24	15.23	16.5	0		
15	QPSK	36	20	15.25	15.25	15.19				
15	QPSK	36	39	15.12	15.22	15.16				
15	QPSK	75	0	15.23	15.20	15.16	16.5	0		
15	16QAM	1	0	15.21	15.21	15.22				
15	16QAM	1	37	15.21	15.21	15.22				
15	16QAM	1	74	15.24	15.23	15.31	16.5	0		
15	16QAM	36	0	15.20	15.26	15.23				
15	16QAM	36	20	15.26	15.26	15.23				
15	16QAM	36	39	15.15	15.22	15.14	16.5	0		
15	16QAM	75	0	15.21	15.23	15.23				
15	64QAM	1	0	15.21	15.21	15.23	16.5	0		
15	64QAM	1	37	15.31	15.23	15.36				
15	64QAM	1	74	15.22	15.17	15.18				
15	64QAM	36	0	15.20	15.27	15.18	16.5	0		
15	64QAM	36	20	15.25	15.21	15.16				
15	64QAM	36	39	15.17	15.13	15.15				
15	64QAM	75	0	15.20	15.19	15.17				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	14.83	14.85	14.85	16.5	0		
10	QPSK	1	25	15.09	15.09	15.08				
10	QPSK	1	49	14.77	14.92	15.21				
10	QPSK	25	0	15.14	15.19	15.19	16.5	0		
10	QPSK	25	12	15.18	15.25	15.14				
10	QPSK	25	25	15.10	15.21	15.17				
10	QPSK	50	0	15.11	15.19	15.11	16.5	0		
10	16QAM	1	0	15.21	15.27	15.22				
10	16QAM	1	25	15.21	15.23	15.21				
10	16QAM	1	49	15.21	15.26	15.15	16.5	0		
10	16QAM	25	0	15.18	15.13	15.11				
10	16QAM	25	12	15.21	15.21	15.13				
10	16QAM	25	25	15.08	15.15	15.09	16.5	0		
10	16QAM	50	0	15.12	15.13	15.07				
10	64QAM	1	0	15.25	15.31	15.19	16.5	0		
10	64QAM	1	25	15.22	15.36	15.23				
10	64QAM	1	49	15.18	15.22	15.07				
10	64QAM	25	0	15.13	15.16	15.10	16.5	0		
10	64QAM	25	12	15.24	15.21	15.20				
10	64QAM	25	25	15.10	15.17	15.11				
10	64QAM	50	0	15.13	15.36	15.07				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	15.10	15.11	15.13	16.5	0		
5	QPSK	1	12	15.11	15.22	15.11				
5	QPSK	1	24	15.08	15.10	14.95				
5	QPSK	12	0	15.15	15.18	15.23	16.5	0		
5	QPSK	12	7	15.21	15.21	15.21				
5	QPSK	12	13	15.14	15.23	15.11				
5	QPSK	25	0	15.17	15.20	15.15	16.5	0		
5	16QAM	1	0	15.11	15.12	15.21				
5	16QAM	1	12	15.12	15.13	15.12				
5	16QAM	1	24	15.32	15.28	15.27	16.5	0		
5	16QAM	12	0	15.26	15.24	15.26				
5	16QAM	12	7	15.27	15.26	15.25				
5	16QAM	12	13	15.19	15.16	15.13	16.5	0		
5	16QAM	25	0	15.16	15.14	15.17				
5	64QAM	1	0	15.35	15.32	15.39	16.5	0		
5	64QAM	1	12	15.34	15.36	15.32				
5	64QAM	1	24	15.24	15.23	15.21				
5	64QAM	12	0	15.24	15.21	15.23	16.5	0		
5	64QAM	12	7	15.25	15.21	15.16				
5	64QAM	12	13	15.14	15.08	15.11				
5	64QAM	25	0	15.12	15.15	15.17				
Channel				131987	132322	132697	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	15.15	15.18	15.05	16.5	0		
3	QPSK	1	8	15.12	15.25	15.10				
3	QPSK	1	14	15.01	15.11	14.95				
3	QPSK	8	0	15.19	15.17	15.18	16.5	0		
3	QPSK	8	4	15.17	15.26	15.15				
3	QPSK	8	7	15.13	15.20	15.04				
3	QPSK	15	0	15.18	15.19	15.11	16.5	0		
3	16QAM	1	0	15.23	15.11	15.37				
3	16QAM	1	8	15.22	15.21	15.22				
3	16QAM	1	14	15.35	15.38	15.23	16.5	0		
3	16QAM	8	0	15.27	15.26	15.26				
3	16QAM	8	4	15.27	15.33	15.23				
3	16QAM	8	7	15.18	15.28	15.24	16.5	0		
3	16QAM	15	0	15.21	15.22	15.21				
3	64QAM	1	0	15.21	15.36	15.32				
3	64QAM	1	8	15.11	15.21	15.38	16.5	0		
3	64QAM	1	14	15.34	15.36	15.38				
3	64QAM	8	0	15.18	15.23	15.16				
3	64QAM	8	4	15.14	15.16	15.18	16.5	0		
3	64QAM	8	7	15.12	15.10	15.09				
3	64QAM	15	0	15.14	15.16	15.12				
Channel				131979	132322	132695	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	15.06	15.09	14.96	16.5	0		
1.4	QPSK	1	3	15.09	15.11	14.95				
1.4	QPSK	1	5	15.01	15.03	14.80				
1.4	QPSK	3	0	15.05	15.14	15.02	16.5	0		
1.4	QPSK	3	1	15.11	15.18	15.06				
1.4	QPSK	3	3	15.01	15.08	14.95				
1.4	QPSK	6	0	15.09	15.20	15.04	16.5	0		
1.4	16QAM	1	0	15.21	15.21	15.30				
1.4	16QAM	1	3	15.23	15.21	15.38				
1.4	16QAM	3	0	15.27	15.24	15.30	16.5	0		
1.4	16QAM	3	1	15.26	15.26	15.33				
1.4	16QAM	3	3	15.18	15.19	15.02				
1.4	16QAM	6	0	15.21	15.25	15.08	16.5	0		
1.4	64QAM	1	0	15.23	15.38	15.16				
1.4	64QAM	1	3	15.21	15.21	15.19				
1.4	64QAM	1	5	15.26	15.12	15.09	16.5	0		
1.4	64QAM	3	0	15.28	15.21	15.28				
1.4	64QAM	3	3	15.23	15.26	15.24				
1.4	64QAM	3	3	15.16	15.19	14.93	16.5	0		
1.4	64QAM	6	0	15.16	15.15	15.13				

UAT-Reduced Power - DSI 6 for Handheld

Band 2 (1900MHz Band) Part 24E									
BW (MHz)	Modulation	RB Size	RB Offset	Power Mid Ch./ Freq.	Power Mid Ch./ Freq.	Power Mid Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	19.23	19.36	19.21	20.5	0	
20	QPSK	1	49	19.12	19.11	19.21			
20	QPSK	1	99	19.24	19.04	19.07			
20	QPSK	50	0	19.12	19.29	19.11			
20	QPSK	50	24	19.15	19.12	19.28	20.5	0	
20	QPSK	50	50	19.05	19.21	19.27			
20	QPSK	100	0	19.02	19.18	19.17			
20	16QAM	1	0	19.21	19.08	19.22			
20	16QAM	1	49	19.24	19.06	19.21	20.5	0	
20	16QAM	1	99	19.25	19.23	19.21			
20	16QAM	50	0	18.98	19.20	19.10			
20	16QAM	50	24	19.11	19.23	19.29			
20	16QAM	50	50	19.05	19.17	19.27	20.5	0	
20	16QAM	100	0	19.05	19.05	19.15			
20	64QAM	1	0	19.05	19.33	19.12			
20	64QAM	1	49	19.12	19.20	19.21			
20	64QAM	1	99	19.03	19.13	19.19	20.5	0	
20	64QAM	50	0	18.95	19.03	19.10			
20	64QAM	50	24	19.04	19.17	19.31			
20	64QAM	50	50	19.02	19.16	19.32			
20	64QAM	100	0	19.02	19.05	19.21	20.5	0	
Channel				18975	18900	19125			
Frequency (MHz)				1897.5	1880	1902.5			
15	QPSK	1	0	18.87	19.18	19.12	20.5	0	
15	QPSK	1	37	18.91	19.12	19.24			
15	QPSK	1	74	18.83	19.13	19.12			
15	QPSK	36	0	19.02	19.13	19.14			
15	QPSK	36	20	19.11	19.19	19.15	20.5	0	
15	QPSK	36	39	19.05	19.22	19.05			
15	QPSK	75	0	19.06	19.13	19.18			
15	16QAM	1	0	19.17	19.21	19.12			
15	16QAM	1	37	19.21	19.23	19.22	20.5	0	
15	16QAM	1	74	19.16	19.21	19.18			
15	16QAM	36	0	18.99	19.11	19.13			
15	16QAM	36	20	19.09	19.14	19.28			
15	16QAM	36	39	19.06	19.20	19.26	20.5	0	
15	16QAM	75	0	19.09	19.12	19.19			
15	64QAM	1	0	18.91	19.25	19.22			
15	64QAM	1	37	19.08	19.20	19.34			
15	64QAM	1	74	19.06	19.17	19.21	20.5	0	
15	64QAM	36	0	18.96	19.12	19.16			
15	64QAM	36	20	19.07	19.05	19.21			
15	64QAM	36	39	19.07	19.13	19.12			
15	64QAM	75	0	19.10	19.08	19.16	20.5	0	
Channel				18850	18900	19150			
Frequency (MHz)				1885	1880	1905			
10	QPSK	1	0	19.01	18.75	19.20	20.5	0	
10	QPSK	1	25	18.97	19.21	19.21			
10	QPSK	1	49	19.14	19.06	19.20			
10	QPSK	25	0	19.02	19.05	19.18			
10	QPSK	25	12	19.11	19.19	19.28	20.5	0	
10	QPSK	25	25	19.01	19.18	19.26			
10	QPSK	50	0	19.03	19.09	19.17			
10	16QAM	1	0	19.09	19.24	19.16			
10	16QAM	1	25	19.21	19.34	19.06	20.5	0	
10	16QAM	1	49	19.07	19.30	19.21			
10	16QAM	25	0	19.04	19.08	19.16			
10	16QAM	25	12	19.12	19.19	19.27			
10	16QAM	25	25	18.99	19.18	19.23	20.5	0	
10	16QAM	50	0	19.03	19.10	19.14			
10	64QAM	1	0	19.04	19.09	19.16			
10	64QAM	1	25	19.30	19.14	19.20			
10	64QAM	1	49	19.06	18.96	19.26	20.5	0	
10	64QAM	25	0	19.15	19.11	19.05			
10	64QAM	25	12	19.06	19.21	19.13			
10	64QAM	25	25	19.05	19.12	19.16			
10	64QAM	50	0	18.97	19.21	19.02	20.5	0	
Channel				18925	18900	19175			
Frequency (MHz)				1892.5	1890	1907.5			
5	QPSK	1	0	19.01	19.06	19.32	20.5	0	
5	QPSK	1	12	19.09	19.14	19.25			
5	QPSK	1	24	18.90	19.05	19.03			
5	QPSK	12	0	19.17	19.19	19.34			
5	QPSK	12	7	19.15	19.20	19.12	20.5	0	
5	QPSK	12	13	19.08	19.23	19.27			
5	QPSK	25	0	19.12	19.19	19.30			
5	16QAM	1	0	19.12	19.35	19.13			
5	16QAM	1	12	19.21	19.25	19.34	20.5	0	
5	16QAM	1	24	19.30	19.12	19.12			
5	16QAM	12	0	19.18	19.26	19.21			
5	16QAM	12	7	19.22	19.23	19.12			
5	16QAM	12	13	19.11	19.23	19.32	20.5	0	
5	16QAM	25	0	19.12	19.18	19.29			
5	64QAM	1	0	19.23	19.33	19.21			
5	64QAM	1	12	19.28	19.12	19.34			
5	64QAM	1	24	19.11	19.31	19.09	20.5	0	
5	64QAM	12	0	19.15	19.28	19.04			
5	64QAM	12	7	19.13	19.20	19.35			
5	64QAM	12	13	19.08	19.18	19.02			
5	64QAM	25	0	19.15	19.20	19.26	20.5	0	
Channel				18915	18900	19185			
Frequency (MHz)				1891.5	1880	1908.5			
3	QPSK	1	0	19.08	19.13	19.27	20.5	0	
3	QPSK	1	8	19.11	19.21	19.21			
3	QPSK	1	14	18.96	19.16	19.35			
3	QPSK	8	0	19.13	19.21	19.32			
3	QPSK	8	4	19.15	19.24	19.22	20.5	0	
3	QPSK	8	7	19.08	19.19	19.23			
3	QPSK	15	0	19.11	19.22	19.21			
3	16QAM	1	0	19.22	19.21	19.21			
3	16QAM	1	8	19.21	19.34	19.22	20.5	0	
3	16QAM	1	14	19.30	19.12	19.12			
3	16QAM	8	0	19.23	19.31	19.26			
3	16QAM	8	4	19.25	19.34	19.12			
3	16QAM	8	7	19.13	19.20	19.31	20.5	0	
3	16QAM	15	0	19.13	19.25	19.22			
3	64QAM	1	0	19.21	19.33	19.22			
3	64QAM	1	8	19.21	19.12	19.21			
3	64QAM	1	14	19.21	19.21	19.12	20.5	0	
3	64QAM	8	0	19.18	19.14	19.14			
3	64QAM	8	4	19.16	19.28	19.24			
3	64QAM	8	7	19.10	19.21	19.32			
3	64QAM	15	0	19.13	19.19	19.26	20.5	0	
Channel				18907	18900	19193			
Frequency (MHz)				1890.7	1880	1909.3			
1.4	QPSK	1	0	19.16	19.10	19.15	20.5	0	
1.4	QPSK	1	3	19.00	19.16	19.17			
1.4	QPSK	1	5	18.96	19.04	19.11			
1.4	QPSK	3	0	19.05	19.17	19.18			
1.4	QPSK	3	1	19.09	19.20	19.19	20.5	0	
1.4	QPSK	3	3	19.02	19.11	19.15			
1.4	QPSK	6	0	19.09	19.18	19.21			
1.4	16QAM	1	0	19.21	19.18	19.13			
1.4	16QAM	1	3	19.12	19.11	19.20	20.5	0	
1.4	16QAM	1	5	19.26	19.21	19.21			
1.4	16QAM	3	0	19.14	19.28	19.25			
1.4	16QAM	3	1	19.21	19.23	19.32	20.5	0	
1.4	16QAM	3	3	19.14	19.25	19.22			
1.4	16QAM	6	0	19.11	19.26	19.30			
1.4	64QAM	1	0	19.25	19.33	19.21			
1.4	64QAM	1	3	19.27	19.23	19.22	20.5	0	
1.4	64QAM	1	5	19.13	19.27	19.25			
1.4	64QAM	3	0	19.16	19.28	19.31			
1.4	64QAM	3	1	19.12	19.28	19.34			
1.4	64QAM	3	3	19.11	19.25	19.23	20.5	0	
1.4	64QAM	6	0	19.08	19.13	19.12			

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				132072	132222	132372	1770		
Frequency (MHz)				132072	132222	132372			
20	QPSK	1	0	19.09	19.31	19.10	20	0	
20	QPSK	1	49	18.92	19.03	18.96			
20	QPSK	1	99	19.12	19.21	18.92			
20	QPSK	50	0	19.05	19.16	19.05			
20	QPSK	50	24	19.16	19.03	19.06			
20	QPSK	50	50	19.00	18.97	18.99	20	0	
20	QPSK	100	0	19.01	19.04	19.02			
20	16QAM	1	0	19.21	19.26	19.21			
20	16QAM	1	49	19.12	19.21	19.21			
20	16QAM	1	99	19.10	19.01	19.23			
20	16QAM	50	0	19.07	19.12	19.02	20	0	
20	16QAM	50	24	19.14	19.14	19.06			
20	16QAM	50	50	19.06	19.08	19.09			
20	16QAM	100	0	19.04	19.07	19.01			
20	64QAM	1	0	19.06	19.12	19.13			
20	64QAM	1	49	19.21	19.22	19.26	20	0	
20	64QAM	1	99	19.10	19.08	19.93			
20	64QAM	50	0	19.05	18.99	18.84			
20	64QAM	50	24	19.12	19.05	19.08			
20	64QAM	50	50	19.00	19.06	19.02			
20	64QAM	100	0	19.07	19.04	19.00	1745	1772.5	MPR (dB)
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.88	18.84	18.75	20	0	
15	QPSK	1	37	18.94	19.05	18.96			
15	QPSK	1	74	18.76	18.89	18.86			
15	QPSK	36	0	19.05	19.14	18.90			
15	QPSK	36	20	19.10	19.12	18.93			
15	QPSK	36	39	19.01	19.08	19.19	20	0	
15	QPSK	75	0	19.05	19.07	19.00			
15	16QAM	1	0	19.28	19.21	19.21			
15	16QAM	1	37	19.28	19.12	19.20			
15	16QAM	1	74	19.08	19.14	19.05			
15	16QAM	36	0	19.06	19.14	19.09	20	0	
15	16QAM	36	20	19.10	19.11	19.05			
15	16QAM	36	39	19.03	19.11	18.97			
15	16QAM	75	0	19.09	19.11	19.03			
15	64QAM	1	0	19.22	19.25	19.30			
15	64QAM	1	37	19.13	19.22	19.18	20	0	
15	64QAM	1	74	19.12	19.10	19.14			
15	64QAM	36	0	19.08	19.14	19.01			
15	64QAM	36	20	19.12	19.12	19.01			
15	64QAM	36	39	19.03	19.00	18.96			
15	64QAM	75	0	19.08	19.02	19.01	1745	1772.5	MPR (dB)
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.76	18.80	18.73	20	0	
10	QPSK	1	25	19.06	19.04	18.93			
10	QPSK	1	49	18.74	18.86	18.92			
10	QPSK	25	0	19.01	19.02	18.97			
10	QPSK	25	12	19.07	19.07	19.01			
10	QPSK	25	25	19.03	19.10	18.99	20	0	
10	QPSK	50	0	18.77	19.04	18.98			
10	16QAM	1	0	18.95	19.19	19.14			
10	16QAM	1	25	19.24	19.23	19.21			
10	16QAM	1	49	18.95	19.14	19.06			
10	16QAM	25	0	18.95	19.06	18.99	20	0	
10	16QAM	25	12	19.02	19.10	19.05			
10	16QAM	25	25	18.88	19.03	19.00			
10	16QAM	50	0	19.15	19.01	18.96			
10	64QAM	1	0	19.15	19.15	19.08			
10	64QAM	1	25	19.12	19.16	19.28	20	0	
10	64QAM	1	49	19.08	19.05	18.92			
10	64QAM	25	0	19.04	19.09	19.02			
10	64QAM	25	12	19.11	19.06	19.06			
10	64QAM	25	25	18.97	19.05	18.99			
10	64QAM	50	0	18.98	19.00	18.95	1745	1772.5	MPR (dB)
Channel				131997	132322	132547			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	18.90	19.00	18.92	20	0	
5	QPSK	1	12	19.10	19.05	19.03			
5	QPSK	1	24	18.88	19.00	18.79			
5	QPSK	12	0	19.11	19.08	19.07			
5	QPSK	12	7	19.11	19.04	19.05			
5	QPSK	12	13	19.04	19.09	18.96	20	0	
5	QPSK	25	0	19.06	19.04	19.03			
5	16QAM	1	0	19.23	19.12	19.23			
5	16QAM	1	12	19.12	19.21	19.12			
5	16QAM	1	24	19.21	19.26	19.16			
5	16QAM	12	0	19.14	19.17	19.11	20	0	
5	16QAM	12	7	19.14	19.13	19.12			
5	16QAM	12	13	19.09	19.15	19.06			
5	16QAM	25	0	19.08	19.10	19.05			
5	64QAM	1	0	19.26	19.29	19.30			
5	64QAM	1	12	19.24	19.21	19.29	20	0	
5	64QAM	1	24	19.18	19.21	19.12			
5	64QAM	12	0	19.11	19.10	19.08			
5	64QAM	12	7	19.10	19.09	19.04			
5	64QAM	12	13	19.04	19.08	18.98			
5	64QAM	25	0	19.08	19.08	19.04	1745	1772.5	MPR (dB)
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1779.5			
3	QPSK	1	0	19.03	19.07	19.02	20	0	
3	QPSK	1	8	19.03	19.13	19.06			
3	QPSK	1	14	18.98	18.99	18.81			
3	QPSK	8	0	19.08	19.10	19.06			
3	QPSK	8	4	18.91	19.17	19.04			
3	QPSK	8	7	19.01	18.91	18.93	20	0	
3	QPSK	15	0	19.06	18.91	18.99			
3	16QAM	1	0	19.30	19.19	19.28			
3	16QAM	1	8	19.21	19.22	19.23			
3	16QAM	1	14	19.16	19.28	19.11			
3	16QAM	8	0	19.18	19.19	19.16	20	0	
3	16QAM	8	4	19.14	19.23	19.15			
3	16QAM	8	7	19.10	19.18	19.09			
3	16QAM	15	0	19.09	19.09	19.06			
3	64QAM	1	0	19.29	19.28	19.23			
3	64QAM	1	8	19.22	19.18	19.23	20	0	
3	64QAM	1	14	19.14	19.16	19.22			
3	64QAM	8	0	19.11	19.14	19.08			
3	64QAM	8	4	19.11	19.17	19.05			
3	64QAM	8	7	19.06	19.12	19.03			
3	64QAM	15	0	19.08	19.07	19.01	1745	1772.5	MPR (dB)
Channel				131979	132322	132695			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	18.95	18.94	18.95	20	0	
1.4	QPSK	1	3	18.76	18.97	18.88			
1.4	QPSK	1	5	18.75	18.90	18.78			
1.4	QPSK	3	0	18.84	19.02	18.92			
1.4	QPSK	3	1	18.86	19.06	18.94			
1.4	QPSK	3	3	18.82	19.00	18.85	20	0	
1.4	QPSK	6	0	18.90	19.01	18.93			
1.4	16QAM	1	0	19.22	19.29	19.19			
1.4	16QAM	1	3	19.20	19.12	19.21			
1.4	16QAM	1	5	19.15	19.22	19.14			
1.4	16QAM	3	0	19.05	19.11	19.03	20	0	
1.4	16QAM	3	1	19.05	19.16	19.04			
1.4	16QAM	3	3	18.98	19.05	18.91	20	0	
1.4	16QAM	6	0	19.05	19.14	19.00			
1.4	64QAM	1	0	19.28	19.27	19.21			
1.4	64QAM	1	3	19.20	19.22	19.20			
1.4	64QAM	1	5	19.16	19.14	19.11			
1.4	64QAM	3	0	19.06	19.08	19.04	20	0	
1.4	64QAM	3	1	19.06	19.09	19.06			
1.4	64QAM	3	3	19.03	19.05	18.99			
1.4	64QAM	6	0	18.95	18.94	18.89			
1.4	64QAM	6	0	18.95	18.94	18.89			

LAT-Reduced Power - DSI 3 for BodyWorm / Hotspot

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
Frequency (MHz)	824.5	82.51	32.20	33.30	23.45	23.51	23.20	24.30
GSM 1 Tx slot	32.44	32.50	32.19	33.30	23.44	23.50	23.19	24.30
GPRS 1 Tx slot	29.14	28.67	28.90	30.00	23.14	22.67	22.99	24.00
GPRS 2 Tx slots	27.33	27.63	27.13	28.56	23.07	23.37	22.87	24.30
GPRS 3 Tx slots	26.26	26.28	25.95	27.30	23.26	23.28	22.95	24.30
GPRS 4 Tx slots	25.48	25.66	25.20	26.00	16.48	16.66	16.20	17.00
EDGE 1 Tx slot	24.00	24.25	23.81	25.00	18.00	18.25	17.81	19.00
EDGE 2 Tx slots	22.85	23.05	22.60	24.00	18.59	18.79	18.34	19.74
EDGE 3 Tx slots	20.89	21.05	20.68	22.00	17.89	18.05	17.68	19.00
EDGE 4 Tx slots								

GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame Average Power (dBm)			Tune-up Limit
	512	661	810		512	661	810	
TX Channel	1852.2	1860	1868.8	(dBm)	1852.2	1860	1868.8	(dBm)
Frequency (MHz)	25.90	26.20	26.12	27.10	16.90	17.20	17.12	18.10
GSM 1 Tx slot	25.87	26.19	26.11	27.10	16.87	17.19	17.11	18.10
GPRS 1 Tx slot	22.95	23.14	23.01	24.10	16.95	17.14	17.01	18.10
GPRS 2 Tx slots	21.04	21.45	21.25	22.36	16.79	17.19	16.99	18.10
GPRS 3 Tx slots	20.00	20.25	20.12	21.10	17.00	17.25	17.12	18.10
GPRS 4 Tx slots	24.36	24.58	24.40	25.00	15.36	15.58	15.40	16.00
EDGE 1 Tx slot	22.87	23.07	23.11	24.00	16.87	17.07	17.11	18.00
EDGE 2 Tx slots	21.31	21.32	21.40	22.36	17.25	17.26	17.14	18.10
EDGE 3 Tx slots	19.00	19.88	19.69	21.00	16.66	16.88	16.69	18.00
EDGE 4 Tx slots								

Band		WCDMA #			Tune-up Limit
TX Channel	9262	9400	9538		
Rx Channel	9562	9800	9938	(dBm)	
Frequency (MHz)	1852.4	1860	1867.6		
3GPP Rel 99	AMR 12.2Kbps	15.26	15.36	15.19	16.30
3GPP Rel 99	RMC 12.2Kbps	15.25	15.37	15.20	16.30
3GPP Rel 6	HSDPA Subtest-1	14.36	14.45	14.00	15.30
3GPP Rel 6	HSDPA Subtest-2	14.26	14.45	13.99	15.30
3GPP Rel 6	HSDPA Subtest-3	13.56	13.55	13.15	14.80
3GPP Rel 6	HSDPA Subtest-4	13.62	13.91	13.54	14.80
3GPP Rel 8	DC-HSDPA Subtest-1	14.32	14.41	14.06	15.30
3GPP Rel 8	DC-HSDPA Subtest-2	14.24	14.42	13.98	15.30
3GPP Rel 8	DC-HSDPA Subtest-3	13.55	13.52	13.12	14.80
3GPP Rel 8	DC-HSDPA Subtest-4	13.79	13.90	13.52	14.80
3GPP Rel 6	HSUPA Subtest-1	14.62	14.87	14.44	15.30
3GPP Rel 6	HSUPA Subtest-2	12.92	12.88	12.46	13.30
3GPP Rel 6	HSUPA Subtest-3	13.84	13.87	13.43	14.30
3GPP Rel 6	HSUPA Subtest-4	12.82	12.84	12.39	13.30
3GPP Rel 6	HSUPA Subtest-5	14.70	14.61	14.52	15.30

Band 2 (1900MHz Band) Part 24E									
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				18700	18900	19100			
Frequency (MHz)									
20	QPSK	1	0	15.23	15.30	15.22	15.9	0	
20	QPSK	1	49	15.02	15.06	15.05			
20	QPSK	1	99	14.90	15.02	15.03			
20	QPSK	50	0	15.02	15.17	15.06			
20	QPSK	50	24	15.16	15.16	15.16	15.9	0	
20	QPSK	50	50	15.04	15.13	15.12			
20	QPSK	100	0	15.07	15.12	15.11			
20	16QAM	1	0	15.32	15.36	15.31			
20	16QAM	1	49	15.23	15.34	15.29	15.9	0	
20	16QAM	1	99	15.16	15.28	15.16			
20	16QAM	50	0	14.94	14.97	15.00			
20	16QAM	50	24	15.07	15.04	15.14			
20	16QAM	50	50	15.03	15.09	15.11	15.9	0	
20	16QAM	100	0	15.00	14.95	15.01			
20	64QAM	1	0	15.18	15.21	15.02			
20	64QAM	1	49	15.00	15.14	15.04			
20	64QAM	1	99	14.97	15.05	14.99	15.9	0	
20	64QAM	50	0	14.90	15.00	15.00			
20	64QAM	50	24	15.08	15.08	15.11			
20	64QAM	50	50	14.98	15.09	15.06			
20	64QAM	100	0	15.00	14.96	15.10	15.9	0	
Channel				18675	18900	19125			
Frequency (MHz)									
15	QPSK	1	0	14.90	15.12	15.12	15.9	0	
15	QPSK	1	37	15.01	15.08	15.06			
15	QPSK	1	74	14.80	15.04	15.03			
15	QPSK	36	0	15.00	15.10	15.08			
15	QPSK	36	20	15.10	15.16	15.23	15.9	0	
15	QPSK	36	39	15.03	15.19	15.16			
15	QPSK	75	0	15.08	15.11	15.13			
15	16QAM	1	0	15.17	15.31	15.31			
15	16QAM	1	37	15.24	15.30	15.28	15.9	0	
15	16QAM	1	74	15.13	15.24	15.25			
15	16QAM	36	0	14.92	14.98	14.98			
15	16QAM	36	20	15.05	15.15	15.11			
15	16QAM	36	39	14.98	15.07	15.08	15.9	0	
15	16QAM	75	0	15.00	15.02	14.99			
15	64QAM	1	0	14.92	15.15	15.09			
15	64QAM	1	37	14.96	15.16	15.13			
15	64QAM	1	74	14.88	15.08	14.95	15.9	0	
15	64QAM	36	0	14.92	15.18	14.98			
15	64QAM	36	20	15.06	15.14	15.12			
15	64QAM	36	39	15.03	15.39	15.39			
15	64QAM	75	0	15.01	15.00	15.05	15.9	0	
Channel				18650	18900	19150			
Frequency (MHz)									
10	QPSK	1	0	14.66	14.80	15.05	15.9	0	
10	QPSK	1	25	14.94	14.65	15.06			
10	QPSK	1	49	14.58	14.65	15.02			
10	QPSK	25	0	14.82	15.02	15.02			
10	QPSK	25	12	15.07	15.14	15.14	15.9	0	
10	QPSK	25	25	14.97	15.11	15.13			
10	QPSK	50	0	15.00	15.05	15.05			
10	16QAM	1	0	15.03	15.17	15.23			
10	16QAM	1	25	15.34	15.23	15.23	15.9	0	
10	16QAM	1	49	15.01	15.20	15.37			
10	16QAM	25	0	14.96	15.00	14.99			
10	16QAM	25	12	15.03	15.09	15.11			
10	16QAM	25	25	14.91	15.06	15.05	15.9	0	
10	16QAM	50	0	14.93	15.01	15.01			
10	64QAM	1	0	15.01	15.07	15.35			
10	64QAM	1	25	15.17	15.38	15.33			
10	64QAM	1	49	14.97	14.86	15.06	15.9	0	
10	64QAM	25	0	15.08	15.09	15.21			
10	64QAM	25	12	15.28	15.09	15.30			
10	64QAM	25	25	14.92	15.03	15.32			
10	64QAM	50	0	14.93	15.01	15.00	15.9	0	
Channel				18625	18900	19175			
Frequency (MHz)									
5	QPSK	1	0	14.91	14.93	14.99	15.9	0	
5	QPSK	1	12	15.01	15.09	15.10			
5	QPSK	1	24	14.86	14.98	14.96			
5	QPSK	12	0	15.07	15.08	15.12			
5	QPSK	12	7	15.11	15.12	15.23	15.9	0	
5	QPSK	12	13	15.04	15.13	15.16			
5	QPSK	25	0	15.05	15.11	15.18			
5	16QAM	1	0	15.29	15.32	15.23			
5	16QAM	1	12	15.34	15.23	15.21	15.9	0	
5	16QAM	1	24	15.22	15.32	15.30			
5	16QAM	12	0	15.10	15.13	15.16			
5	16QAM	12	7	15.07	15.22	15.19			
5	16QAM	12	13	14.99	15.09	15.11	15.9	0	
5	16QAM	25	0	15.04	15.08	15.15			
5	64QAM	1	0	15.17	15.22	15.25			
5	64QAM	1	12	15.25	15.34	15.22			
5	64QAM	1	24	15.05	15.18	15.22	15.9	0	
5	64QAM	12	0	15.08	15.09	15.17			
5	64QAM	12	7	15.20	15.19	15.18			
5	64QAM	12	13	15.30	15.09	15.07			
5	64QAM	25	0	14.94	15.10	15.12	15.9	0	
Channel				18615	18900	19185			
Frequency (MHz)									
3	QPSK	1	0	15.00	15.21	15.04	15.9	0	
3	QPSK	1	8	15.12	15.15	15.17			
3	QPSK	1	14	14.97	15.05	15.06			
3	QPSK	8	0	15.09	15.11	15.30			
3	QPSK	8	4	15.12	15.14	15.11	15.9	0	
3	QPSK	8	7	15.07	15.15	15.18			
3	QPSK	15	0	15.06	15.13	15.19			
3	16QAM	1	0	15.28	15.33	15.38			
3	16QAM	1	8	15.31	15.21	15.22	15.9	0	
3	16QAM	1	14	15.19	15.31	15.35			
3	16QAM	8	0	15.16	15.21	15.29			
3	16QAM	8	4	15.12	15.27	15.31			
3	16QAM	15	0	15.08	15.18	15.20	15.9	0	
3	64QAM	1	0	15.23	15.29	15.27			
3	64QAM	1	8	15.26	15.23	15.22			
3	64QAM	1	14	15.11	15.20	15.24			
3	64QAM	8	0	15.11	15.20	15.23	15.9	0	
3	64QAM	8	4	15.21	15.20	15.22			
3	64QAM	8	7	15.23	15.13	15.13			
3	64QAM	15	0	15.32	15.18	15.14			
Channel				18607	18900	19193			
Frequency (MHz)									
1.4	QPSK	1	0	14.81	14.83	14.85	15.9	0	
1.4	QPSK	1	3	14.83	14.93	14.86			
1.4	QPSK	1	5	14.79	14.93	14.93			
1.4	QPSK	3	0	14.91	14.97	14.99			
1.4	QPSK	3	1	14.98	15.04	15.11	15.9	0	
1.4	QPSK	3	3	14.88	14.94	15.00			
1.4	QPSK	6	0	15.00	15.08	15.03			
1.4	16QAM	1	0	15.07	15.35	15.16			
1.4	16QAM	1	3	15.10	15.11	15.38	15.9	0	
1.4	16QAM	1	5	15.01	15.16	14.92			
1.4	16QAM	3	0	14.98	15.10	15.25			
1.4	16QAM	3	1	15.08	15.04	15.28			
1.4	16QAM	3	3	14.95	15.04	15.05	15.9	0	
1.4	16QAM	6	0	15.06	15.16	15.15			
1.4	64QAM	1	0	14.98	15.03	14.94			
1.4	64QAM	1	3	14.82	14.93	15.16			
1.4	64QAM	1	6	14.74	14.83	15.21	15.9	0	
1.4	64QAM	3	0	14.94	14.96	14.91			
1.4	64QAM	3	1	14.83	14.73	14.92			
1.4	64QAM	3	3	14.68	14.80	14.87			
1.4	64QAM	6	0	14.80	14.95	14.87	15.9	0	

Band 5 (Cellular Band) Part 22H(only on channel required)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.51	22.64	22.59	23.7	0
10	QPSK	1	25	22.60	22.63	22.56		
10	QPSK	1	49	22.53	22.57	22.54		
10	QPSK	25	0	21.50	21.52	21.34		
10	QPSK	25	12	21.50	21.66	21.61	23	0.7
10	QPSK	25	25	21.47	21.40	21.25		
10	QPSK	50	0	21.43	21.34	21.25		
10	16QAM	1	0	21.76	21.62	21.69		
10	16QAM	1	25	21.77	21.65	21.65	23	0.7
10	16QAM	1	49	21.80	21.63	21.51		
10	16QAM	25	0	20.76	20.64	20.55		
10	16QAM	25	12	20.74	20.65	20.48		
10	16QAM	25	25	20.66	20.54	20.49	22	1.7
10	16QAM	50	0	20.67	20.49	20.39		
10	64QAM	1	0	20.78	20.43	20.45		
10	64QAM	1	25	20.73	20.61	20.55		
10	64QAM	1	49	20.38	20.67	20.57	22	1.7
10	64QAM	25	0	19.70	19.41	19.39		
10	64QAM	25	12	19.56	19.59	19.57		
10	64QAM	25	25	19.70	19.49	19.79		
10	64QAM	50	0	19.50	19.38	19.39	21	2.7
Channel				20425	20529	20625		
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.60	22.48	22.47	23.7	0
5	QPSK	1	12	22.43	22.46	22.35		
5	QPSK	1	24	22.47	22.43	22.25		
5	QPSK	12	0	21.50	21.29	21.15		
5	QPSK	12	7	21.58	21.42	21.24	23	0.7
5	QPSK	12	13	21.53	21.32	21.10		
5	QPSK	25	0	21.62	21.34	21.21		
5	16QAM	1	0	21.39	21.43	21.41		
5	16QAM	1	12	21.63	21.68	21.45	23	0.7
5	16QAM	1	24	21.73	21.58	21.23		
5	16QAM	12	0	20.75	20.60	20.40		
5	16QAM	12	7	20.78	20.62	20.45		
5	16QAM	12	13	20.70	20.51	20.40	22	1.7
5	16QAM	25	0	20.76	20.47	20.41		
5	64QAM	1	0	20.78	20.36	20.45		
5	64QAM	1	12	20.70	20.52	20.50		
5	64QAM	1	24	20.33	20.67	20.57	22	1.7
5	64QAM	12	0	19.61	19.46	19.45		
5	64QAM	12	7	19.63	19.65	19.48		
5	64QAM	12	13	19.64	19.49	19.86		
5	64QAM	25	0	19.50	19.45	19.45	21	2.7
Channel				20415	20525	20635		
Frequency (MHz)				825.5	836.5	847.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.33	22.48	22.43	23.7	0
3	QPSK	1	8	22.46	22.48	22.49		
3	QPSK	1	14	22.44	22.61	22.41		
3	QPSK	8	0	21.55	21.39	21.28		
3	QPSK	8	4	21.65	21.50	21.30	23	0.7
3	QPSK	8	7	21.55	21.42	21.29		
3	QPSK	15	0	21.63	21.46	21.32		
3	16QAM	1	0	21.83	21.60	21.53		
3	16QAM	1	8	21.84	21.83	21.58	23	0.7
3	16QAM	1	14	21.78	21.63	21.39		
3	16QAM	8	0	20.82	20.62	20.55		
3	16QAM	8	4	20.91	20.74	20.62		
3	16QAM	8	7	20.79	20.73	20.55	22	1.7
3	16QAM	15	0	20.82	20.56	20.54		
3	64QAM	1	0	20.72	20.32	20.41		
3	64QAM	1	8	20.67	20.46	20.44		
3	64QAM	1	14	20.31	20.65	20.54	22	1.7
3	64QAM	8	0	19.55	19.45	19.41		
3	64QAM	8	4	19.60	19.59	19.46		
3	64QAM	8	7	19.60	19.47	19.83		
3	64QAM	15	0	19.44	19.42	19.39	21	2.7
Channel				20407	20525	20643		
Frequency (MHz)				824.7	836.5	848.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.40	22.42	22.48	23.7	0
1.4	QPSK	1	3	22.59	22.53	22.35		
1.4	QPSK	1	5	22.52	22.40	22.23		
1.4	QPSK	3	0	22.61	22.45	22.25		
1.4	QPSK	3	1	22.36	22.54	22.32	23	0.7
1.4	QPSK	3	3	22.31	22.46	22.32		
1.4	QPSK	6	0	21.56	21.44	21.33		
1.4	16QAM	1	0	21.80	21.73	21.48		
1.4	16QAM	1	3	21.84	21.81	21.66	23	0.7
1.4	16QAM	1	5	21.77	21.72	21.44		
1.4	16QAM	3	0	21.50	21.54	21.24		
1.4	16QAM	3	1	21.62	21.47	21.33		
1.4	16QAM	3	3	21.55	21.39	21.19	22	1.7
1.4	16QAM	6	0	20.89	20.79	20.57		
1.4	64QAM	1	0	20.76	20.38	20.47		
1.4	64QAM	1	3	20.74	20.50	20.48		
1.4	64QAM	1	5	20.39	20.73	20.61	22	1.7
1.4	64QAM	3	0	20.27	20.61	20.71		
1.4	64QAM	3	1	20.35	20.31	20.55		
1.4	64QAM	3	3	20.34	20.23	20.58		
1.4	64QAM	6	0	19.48	19.49	19.43	21	2.7

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				20550	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.66	13.97	13.62	14.2	0
20	QPSK	1	49	13.67	13.75	13.56		
20	QPSK	1	99	13.55	13.73	13.63		
20	QPSK	50	0	13.72	13.94	13.56		
20	QPSK	50	24	13.94	13.78	13.90	14.2	0
20	QPSK	50	50	13.87	13.90	13.94		
20	QPSK	100	0	13.67	13.75	13.74		
20	16QAM	1	0	13.69	13.92	13.69		
20	16QAM	1	49	13.75	13.86	13.82	14.2	0
20	16QAM	1	99	13.96	13.92	13.73		
20	16QAM	50	0	13.61	13.74	13.73		
20	16QAM	50	24	13.86	13.81	13.57		
20	16QAM	50	50	13.87	13.88	13.91	14.2	0
20	16QAM	100	0	13.80	13.80	13.88		
20	64QAM	1	0	13.56	13.61	13.56		
20	64QAM	1	49	13.66	13.63	13.47		
20	64QAM	1	99	13.64	13.91	13.89	14.2	0
20	64QAM	50	0	13.48	13.53	13.82		
20	64QAM	50	24	13.63	13.65	13.66		
20	64QAM	50	50	13.74	13.72	13.61		
20	64QAM	100	0	13.85	13.82	13.81	20925	21100
Channel				20925	21100	21375		
Frequency (MHz)				2515	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	13.66	13.80	13.62	14.2	0
15	QPSK	1	37	13.67	13.75	13.56		
15	QPSK	1	74	13.55	13.73	13.63		
15	QPSK	36	0	13.72	13.74	13.56		
15	QPSK	36	20	13.94	13.78	13.90	14.2	0
15	QPSK	36	39	13.87	13.90	13.94		
15	QPSK	75	0	13.66	13.75	13.62		
15	16QAM	1	0	13.75	13.78	13.61		
15	16QAM	1	37	13.86	13.92	13.85	14.2	0
15	16QAM	1	74	13.78	13.95	13.89		
15	16QAM	36	0	13.64	13.69	13.66		
15	16QAM	36	20	13.74	13.68	13.54		
15	16QAM	36	39	13.62	13.65	13.55	14.2	0
15	16QAM	75	0	13.69	13.64	13.58		
15	64QAM	1	0	13.79	13.84	13.77		
15	64QAM	1	37	13.86	13.88	13.72		
15	64QAM	1	74	13.38	13.66	13.65	14.2	0
15	64QAM	36	0	13.80	13.82	13.58		
15	64QAM	36	20	13.79	13.83	13.79		
15	64QAM	36	39	13.66	13.83	13.71		
15	64QAM	75	0	13.65	13.69	13.63	20950	21100
Channel				20950	21100	21400		
Frequency (MHz)				2520	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	13.66	13.84	13.62	14.2	0
10	QPSK	1	25	13.67	13.75	13.56		
10	QPSK	1	49	13.55	13.73	13.63		
10	QPSK	25	0	13.72	13.74	13.56		
10	QPSK	25	12	13.94	13.72	13.90	14.2	0
10	QPSK	25	25	13.87	13.90	13.94		
10	QPSK	50	0	13.66	13.75	13.62		
10	16QAM	1	0	13.75	13.78	13.61		
10	16QAM	1	25	13.86	13.94	13.85	14.2	0
10	16QAM	1	49	13.76	13.95	13.89		
10	16QAM	25	0	13.64	13.69	13.66		
10	16QAM	25	12	13.74	13.68	13.54		
10	16QAM	25	25	13.62	13.62	13.55	14.2	0
10	16QAM	50	0	13.69	13.64	13.56		
10	16QAM	1	0	13.79	13.84	13.77		
10	64QAM	1	25	13.86	13.88	13.72		
10	64QAM	1	49	13.38	13.66	13.65	14.2	0
10	64QAM	25	0	13.64	13.82	13.58		
10	64QAM	25	12	13.79	13.83	13.79		
10	64QAM	25	25	13.86	13.83	13.71		
10	64QAM	50	0	13.65	13.69	13.63	20975	21100
Channel				20975	21100	21425		
Frequency (MHz)				2522.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	13.66	13.82	13.62	14.2	0
5	QPSK	1	12	13.67	13.75	13.56		
5	QPSK	1	24	13.55	13.73	13.63		
5	QPSK	12	0	13.72	13.74	13.56		
5	QPSK	12	7	13.94	13.78	13.90	14.2	0
5	QPSK	12	13	13.87	13.90	13.94		
5	QPSK	25	0	13.66	13.75	13.62		
5	16QAM	1	0	13.75	13.78	13.61		
5	16QAM	1	12	13.86	13.94	13.85	14.2	0
5	16QAM	1	24	13.83	13.95	13.89		
5	16QAM	12	0	13.64	13.69	13.66		
5	16QAM	12	7	13.74	13.68	13.54		
5	16QAM	12	13	13.71	13.83	13.73	14.2	0
5	16QAM	25	0	13.69	13.79	13.63		
5	64QAM	1	0	13.61	13.66	13.67		
5	64QAM	1	12	13.76	13.77	13.55		
5	64QAM	1	24	13.35	13.62	13.64	14.2	0
5	64QAM	12	0	13.68	13.88	13.63		
5	64QAM	12	7	13.80	13.83	13.78		
5	64QAM	12	13	13.66	13.68	13.54		

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				130772	133222	135572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	15.23	15.43	15.32	16.1	0		
20	QPSK	1	49	15.00	15.07	15.06				
20	QPSK	1	99	15.22	15.23	15.14				
20	QPSK	50	0	15.09	15.33	15.32	16.1	0		
20	QPSK	50	24	15.20	15.15	15.15				
20	QPSK	50	50	15.04	15.06	15.09				
20	QPSK	100	0	15.11	15.12	15.08	16.1	0		
20	16QAM	1	0	15.20	15.25	15.16				
20	16QAM	1	49	15.38	15.42	15.39				
20	16QAM	1	99	15.06	15.05	15.26	16.1	0		
20	16QAM	50	0	15.08	14.91	15.14				
20	16QAM	50	24	15.18	14.98	15.15				
20	16QAM	50	50	15.04	15.10	15.09	16.1	0		
20	16QAM	100	0	15.09	15.05	15.07				
20	64QAM	1	0	15.01	14.96	15.38	16.1	0		
20	64QAM	1	49	15.20	15.30	15.31				
20	64QAM	1	99	15.08	14.98	15.10				
20	64QAM	50	0	15.09	15.15	15.09	16.1	0		
20	64QAM	50	24	15.18	15.14	15.03				
20	64QAM	50	50	15.03	15.09	15.32				
20	64QAM	100	0	15.10	15.05	15.07				
Channel				132047	133222	136922	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	15.00	15.02	15.15	16.1	0		
15	QPSK	1	37	15.01	15.06	15.04				
15	QPSK	1	74	14.83	14.91	15.09				
15	QPSK	36	0	15.11	15.10	15.14	16.1	0		
15	QPSK	36	20	15.16	15.15	15.14				
15	QPSK	36	39	15.10	15.12	15.13				
15	QPSK	75	0	15.14	15.08	15.10	16.1	0		
15	16QAM	1	0	15.27	15.29	15.16				
15	16QAM	1	37	15.33	15.34	15.38				
15	16QAM	1	74	15.13	15.19	15.25	16.1	0		
15	16QAM	36	0	15.12	15.14	15.15				
15	16QAM	36	20	15.16	15.11	15.10				
15	16QAM	36	39	15.08	15.11	15.08	16.1	0		
15	16QAM	75	0	15.13	15.13	15.09				
15	64QAM	1	0	15.17	15.17	15.32				
15	64QAM	1	37	15.32	15.30	15.24	16.1	0		
15	64QAM	1	74	15.02	15.20	15.05				
15	64QAM	36	0	15.09	15.20	15.13				
15	64QAM	36	20	15.16	15.08	15.05	16.1	0		
15	64QAM	36	39	15.11	15.10	15.11				
15	64QAM	75	0	15.17	15.10	15.13				
Channel				132022	133232	136922	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	14.85	14.85	14.90	16.1	0		
10	QPSK	1	25	15.00	14.97	14.97				
10	QPSK	1	49	14.69	14.67	14.82				
10	QPSK	25	0	15.07	15.06	15.14	16.1	0		
10	QPSK	25	12	14.93	15.13	15.09				
10	QPSK	25	25	15.04	14.99	15.12				
10	QPSK	50	0	15.10	15.09	15.03	16.1	0		
10	16QAM	1	0	15.14	15.36	15.39				
10	16QAM	1	25	15.27	15.25	15.36				
10	16QAM	1	49	14.95	15.04	15.36	16.1	0		
10	16QAM	25	0	15.09	15.09	15.21				
10	16QAM	25	12	15.16	15.04	15.16				
10	16QAM	25	25	15.10	15.14	15.06	16.1	0		
10	16QAM	50	0	15.16	15.10	15.18				
10	64QAM	1	0	15.09	15.02	15.33				
10	64QAM	1	25	15.37	15.18	15.38	16.1	0		
10	64QAM	1	49	15.10	15.15	15.28				
10	64QAM	25	0	15.12	15.20	15.08				
10	64QAM	25	12	15.08	15.21	15.12	16.1	0		
10	64QAM	25	25	15.03	14.96	15.01				
10	64QAM	50	0	15.05	15.02	15.13				
Channel				131997	133232	136947	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	14.95	15.10	15.13	16.1	0		
5	QPSK	1	12	15.06	15.17	15.16				
5	QPSK	1	24	15.00	15.05	15.00				
5	QPSK	12	0	15.23	15.21	15.27	16.1	0		
5	QPSK	12	7	15.21	15.22	15.11				
5	QPSK	12	13	15.05	15.14	15.04				
5	QPSK	25	0	15.08	15.12	15.16	16.1	0		
5	16QAM	1	0	15.21	15.22	15.23				
5	16QAM	1	12	15.23	15.22	15.22				
5	16QAM	1	24	15.21	15.21	15.22	16.1	0		
5	16QAM	12	0	15.12	15.21	15.17				
5	16QAM	12	7	15.18	15.20	15.22				
5	16QAM	12	13	15.04	15.12	15.13	16.1	0		
5	16QAM	25	0	15.14	15.27	15.18				
5	64QAM	1	0	15.25	15.21	15.21				
5	64QAM	1	12	15.23	15.23	15.21	16.1	0		
5	64QAM	1	24	15.23	15.21	15.23				
5	64QAM	12	0	15.11	15.05	15.13				
5	64QAM	12	7	15.00	15.10	15.08	16.1	0		
5	64QAM	12	13	14.95	14.98	15.07				
5	64QAM	25	0	15.14	15.14	15.16				
Channel				131987	133232	136957	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1776.5				
3	QPSK	1	0	15.16	15.11	15.14	16.1	0		
3	QPSK	1	8	15.03	15.09	15.06				
3	QPSK	1	14	15.06	15.13	14.98				
3	QPSK	8	0	15.18	15.07	15.09	16.1	0		
3	QPSK	8	4	15.23	15.13	15.09				
3	QPSK	8	7	15.05	15.08	15.08				
3	QPSK	15	0	15.17	15.08	15.14	16.1	0		
3	16QAM	1	0	15.21	15.22	15.12				
3	16QAM	1	8	15.16	15.23	15.11				
3	16QAM	1	14	15.23	15.25	15.20	16.1	0		
3	16QAM	8	0	15.26	15.10	15.22				
3	16QAM	8	4	15.21	15.22	15.22				
3	16QAM	8	7	15.16	15.10	15.13	16.1	0		
3	16QAM	15	0	15.13	15.13	15.21				
3	64QAM	1	0	15.12	15.23	15.12				
3	64QAM	1	8	15.16	15.22	15.12	16.1	0		
3	64QAM	1	14	15.20	15.21	15.13				
3	64QAM	8	0	15.22	15.14	15.13				
3	64QAM	8	4	15.13	15.13	15.11	16.1	0		
3	64QAM	8	7	15.12	15.16	15.02				
3	64QAM	15	0	15.05	15.32	15.07				
Channel				131979	133232	136965	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1773.3				
1.4	QPSK	1	0	15.04	15.19	14.93	16.1	0		
1.4	QPSK	1	3	14.95	15.05	14.94				
1.4	QPSK	1	5	14.89	15.01	14.94				
1.4	QPSK	3	0	15.00	15.02	15.01	16.1	0		
1.4	QPSK	3	1	14.97	15.10	14.96				
1.4	QPSK	3	3	15.03	15.02	14.98				
1.4	QPSK	6	0	15.05	15.09	15.06	16.1	0		
1.4	16QAM	1	0	15.21	15.22	15.21				
1.4	16QAM	1	3	15.23	15.23	15.21	16.1	0		
1.4	16QAM	1	5	15.25	15.23	15.21				
1.4	16QAM	3	0	15.00	15.04	15.19				
1.4	16QAM	3	1	15.04	15.31	15.08	16.1	0		
1.4	16QAM	3	3	14.87	15.16	14.99				
1.4	16QAM	6	0	15.10	15.14	15.32				
1.4	16QAM	1	0	15.26	15.32	15.41	16.1	0		
1.4	64QAM	1	3	15.22	15.32	15.19				
1.4	64QAM	1	5	15.21	15.13	15.21				
1.4	64QAM	3	0	15.29	15.30	15.26	16.1	0		
1.4	64QAM	3	1	15.22	15.37	15.26				
1.4	64QAM	3	3	15.21	15.21	15.41				
1.4	64QAM	6	0	15.21	15.09	15.26	16.1	0		



LAT-Reduced Power - DSI 6 for Handheld

Band		WCDMA #			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1862.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.16	19.22	19.10	20.20
3GPP Rel 99	AMR 12.2Kbps	19.18	19.23	19.12	20.20
3GPP Rel 6	HSDPA Subtest-1	18.21	18.31	18.18	19.20
3GPP Rel 6	HSDPA Subtest-2	18.09	18.13	18.06	19.20
3GPP Rel 6	HSDPA Subtest-3	17.58	17.52	17.56	18.70
3GPP Rel 6	HSDPA Subtest-4	17.34	17.57	17.59	18.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.20	18.30	18.15	19.20
3GPP Rel 8	DC-HSDPA Subtest-2	18.11	18.11	18.02	19.20
3GPP Rel 8	DC-HSDPA Subtest-3	17.59	17.55	17.51	18.70
3GPP Rel 8	DC-HSDPA Subtest-4	17.31	17.53	17.55	18.70
3GPP Rel 6	HSUPA Subtest-1	18.36	18.30	18.11	19.20
3GPP Rel 6	HSUPA Subtest-2	16.74	16.73	16.58	17.20
3GPP Rel 6	HSUPA Subtest-3	17.65	17.56	17.71	18.20
3GPP Rel 6	HSUPA Subtest-4	16.75	16.57	16.56	17.20
3GPP Rel 6	HSUPA Subtest-5	16.12	16.36	16.15	19.20

Band 2 (1900MHz Band) Part 24E									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18800	19100			
Frequency (MHz)									
20	QPSK	1	0	19.34	19.40	19.32	20.3	0	
20	QPSK	1	49	19.23	19.02	19.12			
20	QPSK	1	99	19.30	18.93	19.11			
20	QPSK	50	0	19.02	19.22	19.03	20.3	0	
20	QPSK	50	24	19.08	19.10	19.20			
20	QPSK	50	50	19.01	19.14	19.15			
20	QPSK	100	0	19.02	19.10	19.09	20.3	0	
20	16QAM	1	0	19.39	19.12	19.32			
20	16QAM	1	49	19.32	19.35	19.29			
20	16QAM	1	99	19.24	19.31	19.28	20.3	0	
20	16QAM	50	0	18.95	19.03	19.04			
20	16QAM	50	24	19.08	19.20	19.16			
20	16QAM	50	50	19.04	19.08	19.18	20.3	0	
20	16QAM	100	0	19.05	19.01	19.04			
20	64QAM	1	0	19.32	19.32	19.21			
20	64QAM	1	49	19.12	19.11	19.15	20.3	0	
20	64QAM	1	99	19.30	19.21	19.00			
20	64QAM	50	0	19.21	19.01	19.02			
20	64QAM	50	24	19.12	19.10	19.19	20.3	0	
20	64QAM	50	50	19.01	19.11	19.14			
20	64QAM	100	0	19.05	19.25	19.06			
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	0	18.91	19.05	19.09	20.3	0	
15	QPSK	1	37	18.95	18.87	19.05			
15	QPSK	1	74	18.86	18.99	19.05			
15	QPSK	36	0	19.00	19.06	19.06	20.3	0	
15	QPSK	36	20	19.13	19.11	19.19			
15	QPSK	36	39	19.09	19.17	19.16			
15	QPSK	75	0	19.08	19.06	19.09	20.3	0	
15	16QAM	1	0	19.22	19.11	19.36			
15	16QAM	1	37	19.26	19.35	19.34			
15	16QAM	1	74	19.20	19.31	19.24	20.3	0	
15	16QAM	36	0	18.97	19.04	19.05			
15	16QAM	36	20	19.11	19.11	19.20			
15	16QAM	36	39	19.06	19.17	19.16	20.3	0	
15	16QAM	75	0	19.10	19.10	19.31			
15	64QAM	1	0	18.98	19.36	19.34			
15	64QAM	1	37	19.04	19.33	19.31	20.3	0	
15	64QAM	1	74	18.90	19.25	19.23			
15	64QAM	36	0	18.98	19.32	19.21			
15	64QAM	36	20	19.07	19.10	19.25	20.3	0	
15	64QAM	36	39	19.21	19.15	19.21			
15	64QAM	75	0	19.25	19.02	19.02			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	0	19.10	19.06	19.01	20.3	0	
10	QPSK	1	25	19.06	18.64	18.79			
10	QPSK	1	49	19.12	19.09	19.05			
10	QPSK	25	0	19.27	19.24	19.14	20.3	0	
10	QPSK	25	12	19.05	19.10	19.10			
10	QPSK	25	25	19.19	19.06	19.10			
10	QPSK	50	0	19.07	19.23	19.18	20.3	0	
10	16QAM	1	0	19.29	19.12	19.13			
10	16QAM	1	25	19.14	18.98	19.03			
10	16QAM	1	49	19.11	19.10	19.12	20.3	0	
10	16QAM	25	0	19.21	19.06	19.07			
10	16QAM	25	12	18.90	18.99	19.02			
10	16QAM	25	25	19.05	18.96	19.09	20.3	0	
10	16QAM	50	0	19.03	19.02	19.19			
10	64QAM	1	0	19.22	19.15	19.23			
10	64QAM	1	25	18.96	19.04	19.13	20.3	0	
10	64QAM	1	49	19.10	19.07	19.06			
10	64QAM	25	0	19.19	19.14	19.13			
10	64QAM	25	12	18.98	19.09	19.05	20.3	0	
10	64QAM	25	25	19.11	19.07	19.04			
10	64QAM	50	0	18.80	18.70	18.89			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	0	19.08	19.21	19.23	20.3	0	
5	QPSK	1	12	19.23	19.19	19.18			
5	QPSK	1	24	18.83	18.92	19.24			
5	QPSK	12	0	19.19	19.27	19.16	20.3	0	
5	QPSK	12	7	19.11	19.17	19.28			
5	QPSK	12	13	19.15	19.11	19.29			
5	QPSK	25	0	19.08	19.17	19.26	20.3	0	
5	16QAM	1	0	18.99	19.29	19.22			
5	16QAM	1	12	19.19	19.23	19.25			
5	16QAM	1	24	19.13	19.18	19.18	20.3	0	
5	16QAM	12	0	19.18	19.30	19.30			
5	16QAM	12	7	19.19	19.25	19.25			
5	16QAM	12	13	19.22	19.13	19.13	20.3	0	
5	16QAM	25	0	19.13	19.21	19.19			
5	64QAM	1	0	19.15	19.19	19.21			
5	64QAM	1	12	19.11	18.92	19.19	20.3	0	
5	64QAM	1	24	19.35	19.27	18.92			
5	64QAM	12	0	19.23	19.17	19.27			
5	64QAM	12	7	19.14	19.11	19.17	20.3	0	
5	64QAM	12	13	19.12	19.17	19.11			
5	64QAM	25	0	19.25	19.17	19.17			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1861.5	1880	1908.5			
3	QPSK	1	0	19.03	19.14	19.19	20.3	0	
3	QPSK	1	8	18.95	19.08	19.00			
3	QPSK	1	14	19.18	19.21	19.33			
3	QPSK	8	0	19.13	19.33	19.20	20.3	0	
3	QPSK	8	4	19.05	19.23	19.13			
3	QPSK	8	7	19.17	19.22	19.02			
3	QPSK	15	0	19.21	19.36	19.23	20.3	0	
3	16QAM	1	0	19.23	19.21	19.22			
3	16QAM	1	8	19.32	19.34	19.25			
3	16QAM	1	14	19.33	19.25	19.07	20.3	0	
3	16QAM	8	0	19.36	19.34	19.07			
3	16QAM	8	4	19.21	19.35	18.93			
3	16QAM	8	7	19.24	19.31	19.97	20.3	0	
3	16QAM	15	0	19.03	19.14	18.97			
3	64QAM	1	0	19.23	19.26	19.30			
3	64QAM	1	8	19.08	19.15	18.83	20.3	0	
3	64QAM	1	14	19.20	19.23	19.21			
3	64QAM	8	0	19.12	19.22	19.34			
3	64QAM	8	4	19.06	19.14	19.24	20.3	0	
3	64QAM	8	7	19.10	19.20	19.23			
3	64QAM	15	0	19.12	18.97	19.14			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860.7	1880	1909.3			
1.4	QPSK	1	0	19.10	19.12	19.20	20.3	0	
1.4	QPSK	1	3	18.95	19.12	19.14			
1.4	QPSK	1	5	18.86	19.01	18.93			
1.4	QPSK	3	0	19.08	19.17	19.20	20.3	0	
1.4	QPSK	3	1	19.10	19.16	19.20			
1.4	QPSK	3	3	19.02	19.09	19.11			
1.4	QPSK	6	0	19.03	19.15	19.10	20.3	0	
1.4	16QAM	1	0	19.33	19.29	19.22			
1.4	16QAM	1	3	19.16	19.21	19.22			
1.4	16QAM	1	5	19.05	19.22	19.20	20.3	0	
1.4	16QAM	3	0	19.27	19.26	19.12			
1.4	16QAM	3	1	19.21	19.32	19.21			
1.4	16QAM	3	3	19.16	19.18	19.21	20.3	0	
1.4	16QAM	6	0	19.23	19.33	19.34			
1.4	64QAM	1	0	19.01	19.18	18.84			
1.4	64QAM	1	3	18.95	19.32	19.33	20.3	0	
1.4	64QAM	1	5	19.08	19.13	19.91			
1.4	64QAM	3	0	19.04	19.06	19.04			
1.4	64QAM	3	1	18.98	19.14	19.17	20.3	0	
1.4	64QAM	3	3	19.02	19.05	19.06			
1.4	64QAM	6	0	19.01	19.10	19.08			

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	18.12	18.19	18.11	19.5	0	
20	QPSK	1	49	17.83	17.94	17.78			
20	QPSK	1	99	17.75	17.89	17.82			
20	QPSK	50	0	17.99	18.02	18.00	19.5	0	
20	QPSK	50	24	17.89	17.98	17.90			
20	QPSK	50	50	17.91	17.98	17.78			
20	QPSK	100	0	17.88	17.92	17.77	19.5	0	
20	16QAM	1	0	18.11	17.98	18.16			
20	16QAM	1	49	17.99	17.98	17.88			
20	16QAM	1	99	17.98	17.98	17.98	19.5	0	
20	16QAM	50	0	17.82	17.86	17.83			
20	16QAM	50	24	17.90	17.96	17.87			
20	16QAM	50	50	17.95	17.96	17.79	19.5	0	
20	16QAM	100	0	17.83	17.88	17.75			
20	64QAM	1	0	17.94	17.99	18.10	19.5	0	
20	64QAM	1	49	18.02	17.99	18.04			
20	64QAM	1	99	17.98	18.14	17.93			
20	64QAM	50	0	17.79	17.84	17.82	19.5	0	
20	64QAM	50	24	17.93	17.92	17.85			
20	64QAM	50	50	17.96	17.96	17.77			
20	64QAM	100	0	17.82	17.82	17.71	19.5	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.72	17.87	17.66	19.5	0	
15	QPSK	1	37	17.78	17.94	17.76			
15	QPSK	1	74	17.82	17.94	17.78			
15	QPSK	36	0	17.88	17.94	17.85	19.5	0	
15	QPSK	36	20	17.89	18.01	17.87			
15	QPSK	36	39	17.89	17.97	17.84			
15	QPSK	75	0	17.88	17.92	17.79	19.5	0	
15	16QAM	1	0	17.99	17.88	18.12			
15	16QAM	1	37	18.10	18.10	18.03			
15	16QAM	1	74	18.12	17.89	18.12	19.5	0	
15	16QAM	36	0	17.95	17.87	17.84			
15	16QAM	36	20	17.95	17.83	17.88			
15	16QAM	36	39	17.96	18.01	17.84	19.5	0	
15	16QAM	75	0	17.83	17.83	17.83			
15	64QAM	1	0	17.94	18.06	18.00	19.5	0	
15	64QAM	1	37	18.16	18.10	17.96			
15	64QAM	1	74	17.89	17.81	17.95			
15	64QAM	36	0	17.94	17.97	17.85	19.5	0	
15	64QAM	36	20	17.98	17.83	17.91			
15	64QAM	36	39	17.91	17.89	17.83			
15	64QAM	75	0	17.91	17.86	17.79	19.5	0	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.78	17.85	17.67	19.5	0	
10	QPSK	1	25	17.75	18.02	17.85			
10	QPSK	1	49	17.80	17.89	17.81			
10	QPSK	25	0	17.92	17.92	17.85	19.5	0	
10	QPSK	25	12	17.89	17.91	17.80			
10	QPSK	25	25	17.81	17.83	17.78			
10	QPSK	50	0	17.98	17.91	17.99	19.5	0	
10	16QAM	1	0	17.89	18.12	18.14			
10	16QAM	1	25	18.10	17.89	18.16			
10	16QAM	1	49	17.78	17.83	17.99	19.5	0	
10	16QAM	25	0	17.82	17.83	17.81			
10	16QAM	25	12	17.82	17.82	17.75			
10	16QAM	25	25	17.80	17.68	17.71	19.5	0	
10	16QAM	50	0	17.89	17.96	18.13			
10	64QAM	1	0	18.16	17.99	18.17			
10	64QAM	1	25	17.98	17.98	18.12	19.5	0	
10	64QAM	1	49	17.81	17.91	17.74			
10	64QAM	25	0	17.76	17.87	17.83			
10	64QAM	25	12	17.85	17.86	17.75	19.5	0	
10	64QAM	25	25	17.80	17.81	17.73			
10	64QAM	50	0	17.79	17.82	17.82			
Channel				20775	21100	21425	19.5	0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.89	17.96	17.79			
5	QPSK	1	12	17.77	17.88	17.75	19.5	0	
5	QPSK	1	24	17.85	17.84	17.78			
5	QPSK	12	0	17.85	17.92	17.83	19.5	0	
5	QPSK	12	7	17.78	17.91	17.80			
5	QPSK	12	13	17.87	17.84	17.71			
5	QPSK	25	0	17.88	17.89	17.99	19.5	0	
5	16QAM	1	0	18.10	18.12	18.00			
5	16QAM	1	12	18.15	18.11	18.14			
5	16QAM	1	24	17.76	17.87	17.73	19.5	0	
5	16QAM	12	0	17.87	17.93	17.81			
5	16QAM	12	7	17.79	17.84	17.77			
5	16QAM	12	13	17.80	17.81	17.69	19.5	0	
5	16QAM	25	0	18.00	18.06	17.97			
5	64QAM	1	0	18.10	18.17	18.06			
5	64QAM	1	12	18.01	18.07	18.10	19.5	0	
5	64QAM	1	24	17.83	17.86	17.77			
5	64QAM	12	0	17.89	17.92	17.83			
5	64QAM	12	7	17.84	17.85	17.81	19.5	0	
5	64QAM	12	13	17.83	17.83	17.70			
5	64QAM	25	0	17.80	17.72	17.96			

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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.51	19.54	19.34	20.5	0	
20	QPSK	1	49	19.34	19.13	19.21			
20	QPSK	1	99	19.22	19.21	19.33			
20	QPSK	50	0	19.19	19.30	19.23	20.5	0	
20	QPSK	50	24	19.29	19.24	19.24			
20	QPSK	50	50	19.14	19.18	19.19			
20	QPSK	100	0	19.21	19.22	19.15	20.5	0	
20	16QAM	1	0	19.29	19.37	19.34			
20	16QAM	1	49	19.47	19.23	19.52			
20	16QAM	1	99	19.12	19.40	19.33	20.5	0	
20	16QAM	50	0	19.23	19.21	19.26			
20	16QAM	50	24	19.31	19.10	19.27			
20	16QAM	50	50	19.29	19.21	19.20	20.5	0	
20	16QAM	100	0	19.23	19.18	19.19			
20	64QAM	1	0	19.26	19.44	19.21	20.5	0	
20	64QAM	1	49	19.20	19.28	19.49			
20	64QAM	1	99	19.18	19.20	19.24			
20	64QAM	50	0	19.19	19.22	19.23	20.5	0	
20	64QAM	50	24	19.29	19.24	19.24			
20	64QAM	50	50	19.15	19.18	19.16			
20	64QAM	100	0	19.23	19.13	19.19	19.5	0	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.16	19.14	19.28	20.5	0	
15	QPSK	1	37	19.07	19.12	19.16			
15	QPSK	1	74	18.92	18.99	19.10			
15	QPSK	36	0	19.23	19.27	19.28	20.5	0	
15	QPSK	36	20	19.30	19.25	19.27			
15	QPSK	36	39	19.18	19.25	19.22			
15	QPSK	75	0	19.23	19.20	19.21	20.5	0	
15	16QAM	1	0	19.39	19.52	19.22			
15	16QAM	1	37	19.46	19.23	19.53			
15	16QAM	1	74	19.24	19.37	19.35	20.5	0	
15	16QAM	36	0	19.24	19.30	19.28			
15	16QAM	36	20	19.28	19.28	19.24			
15	16QAM	36	39	19.20	19.26	19.21	20.5	0	
15	16QAM	75	0	19.26	19.26	19.24			
15	64QAM	1	0	19.50	19.46	19.45	20.5	0	
15	64QAM	1	37	19.46	19.38	19.42			
15	64QAM	1	74	19.21	19.25	19.22			
15	64QAM	36	0	19.25	19.29	19.23	20.5	0	
15	64QAM	36	20	19.05	19.28	19.18			
15	64QAM	36	39	19.18	19.26	19.24			
15	64QAM	75	0	19.24	19.25	19.23	19.5	0	
Channel				132022	132322	132623			
Frequency (MHz)				1715 <th>1745</th> <th>1775</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.06	18.95	19.04	20.5	0	
10	QPSK	1	25	19.06	19.06	19.07			
10	QPSK	1	49	19.05	18.92	18.95			
10	QPSK	25	0	19.22	19.15	19.19	20.5	0	
10	QPSK	25	12	19.19	19.16	19.19			
10	QPSK	25	25	19.12	19.21	19.19			
10	QPSK	50	0	19.23	19.22	19.10	20.5	0	
10	16QAM	1	0	19.46	19.44	19.45			
10	16QAM	1	25	19.33	19.33	19.42			
10	16QAM	1	49	19.38	19.32	19.49	20.5	0	
10	16QAM	25	0	19.12	19.17	19.14			
10	16QAM	25	12	19.20	19.23	19.23	20.5	0	
10	16QAM	25	25	19.12	19.16	19.08			
10	16QAM	50	0	19.15	19.19	19.19			
10	64QAM	1	0	19.33	19.23	19.32	20.5	0	
10	64QAM	1	25	19.50	19.23	19.32			
10	64QAM	1	49	19.25	19.32	19.32			
10	64QAM	25	0	19.25	19.21	19.30	20.5	0	
10	64QAM	25	12	19.32	19.32	19.25			
10	64QAM	25	25	19.25	19.27	19.22			
10	64QAM	50	0	19.20	19.35	19.20	19.5	0	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.02	19.10	19.18	20.5	0	
5	QPSK	1	12	19.07	19.09	19.25			
5	QPSK	1	24	19.35	19.02	19.13			
5	QPSK	12	0	19.30	19.35	19.13	20.5	0	
5	QPSK	12	7	19.06	19.35	19.25			
5	QPSK	12	13	19.17	19.26	19.14			
5	QPSK	25	0	19.18	19.23	19.17	20.5	0	
5	16QAM	1	0	19.23	19.32	19.32			
5	16QAM	1	12	19.23	19.51	19.34			
5	16QAM	1	24	19.23	19.22	19.21	20.5	0	
5	16QAM	12	0	19.35	19.32	19.29			
5	16QAM	12	7	19.29	19.32	19.27			
5	16QAM	12	13	19.19	19.34	19.22	20.5	0	
5	16QAM	25	0	19.26	19.21	19.21			
5	64QAM	1	0	19.33	19.21	19.23	20.5	0	
5	64QAM	1	12	19.21	19.32	19.22			
5	64QAM	1	24	19.32	19.33	19.26			
5	64QAM	12	0	19.14	19.35	19.51	20.5	0	
5	64QAM	12	7	19.33	19.34	19.32			
5	64QAM	12	13	19.24	19.22	19.29			
5	64QAM	25	0	19.30	19.19	19.21	19.5	0	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1779.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.07	19.48	19.32	20.5	0	
3	QPSK	1	8	19.26	19.37	19.25			
3	QPSK	1	14	19.19	19.09	19.10			
3	QPSK	8	0	19.27	19.09	19.33	20.5	0	
3	QPSK	8	4	19.21	19.23	19.25			
3	QPSK	8	7	19.16	19.42	19.18			
3	QPSK	15	0	19.30	19.26	19.30	20.5	0	
3	16QAM	1	0	19.32	19.43	19.36			
3	16QAM	1	8	19.33	19.43	19.39			
3	16QAM	1	14	19.17	19.30	19.31	20.5	0	
3	16QAM	8	0	19.40	19.44	19.41			
3	16QAM	8	4	19.44	19.50	19.43			
3	16QAM	8	7	19.37	19.34	19.33	20.5	0	
3	16QAM	15	0	19.37	19.40	19.35			
3	64QAM	1	0	19.46	19.49	19.48	20.5	0	
3	64QAM	1	8	19.43	19.49	19.35			
3	64QAM	1	14	19.28	19.33	19.32			
3	64QAM	8	0	19.51	19.43	19.33	20.5	0	
3	64QAM	8	4	19.46	19.47	19.45			
3	64QAM	8	7	19.32	19.41	19.36			
3	64QAM	15	0	19.34	19.28	19.28	19.5	0	
Channel				131979	132322	132665			
Frequency (MHz)				1710.5	1745	1779.5	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.05	19.28	19.10	20.5	0	
1.4	QPSK	1	0	19.06	19.52	19.05			
1.4	QPSK	1	5	19.03	19.25	19.08			
1.4	QPSK	3	0	19.05	19.12	19.08	20.5	0	
1.4	QPSK	3	1	19.06	19.11	19.10			
1.4	QPSK	3	3	19.41	19.09	19.03			
1.4	QPSK	6	0	19.23	19.26	19.19	20.5	0	
1.4	16QAM	1	0	19.42	19.27	19.22			
1.4	16QAM	1	3	19.15	19.30	19.25			
1.4	16QAM	1	5	19.46	19.19	19.16	20.5	0	
1.4	16QAM	3	0	19.09	19.17	19.20			
1.4	16QAM	3	1	19.10	19.27	19.24			
1.4	16QAM	3	3	19.47	19.20	19.17	20.5	0	
1.4	16QAM	6	0	19.20	19.22	19.14			
1.4	64QAM	1	0	19.21	19.33	19.32			
1.4	64QAM	1	3	19.45	19.37	19.37	20.5	0	
1.4	64QAM	1	5	19.10	19.20	19.28			
1.4	64QAM	3	0	19.24	19.22	19.31			
1.4	64QAM	3	1	19.23	19.21	19.28	20.5	0	
1.4	64QAM	3	3	19.36	19.24	19.20			
1.4	64QAM	6	0	19.25	19.26	19.19			

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n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.11	23.10	23.03	24.0	0.0
20	PI/2 BPSK	1	53	23.11	23.07	23.05		
20	PI/2 BPSK	1	104	23.04	23.08	23.01		
20	PI/2 BPSK	50	0	23.01	22.93	22.95		
20	PI/2 BPSK	50	28	23.07	23.02	23.02	24.0	0.0
20	PI/2 BPSK	50	56	23.03	22.91	22.91		
20	PI/2 BPSK	100	0	22.46	22.44	22.51		
20	PI/2 BPSK	100	53	22.46	22.44	22.51		
20	QPSK	1	1	23.11	23.25	23.06	24.0	0.0
20	QPSK	1	53	23.15	23.22	23.08		
20	QPSK	1	104	23.00	23.15	23.02		
20	QPSK	50	0	22.49	22.57	22.53		
20	QPSK	50	28	23.08	23.16	23.01	24.0	0.0
20	QPSK	50	56	22.55	22.53	22.59	23.5	0.5
20	QPSK	100	0	22.13	22.26	22.17	23.0	1.0
20	16QAM	1	1	22.10	22.32	22.13	23.0	1.0
20	64QAM	1	1	20.88	20.95	20.84	21.5	2.5
20	256QAM	1	1	18.42	18.65	18.39	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.28	23.19	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.20	23.27	23.29	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.08	23.04	23.05	24.0	0.0

n5 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.04	23.07	23.09	24.0	0.0
20	PI/2 BPSK	1	53	23.04	23.03	23.03		
20	PI/2 BPSK	1	104	23.03	23.01	23.02		
20	PI/2 BPSK	50	0	22.93	22.97	22.97		
20	PI/2 BPSK	50	28	23.09	23.01	23.09	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.94	22.92		
20	PI/2 BPSK	100	0	22.44	22.47	22.48		
20	PI/2 BPSK	100	53	22.44	22.47	22.48		
20	QPSK	1	1	23.15	23.23	23.17	24.0	0.0
20	QPSK	1	53	23.11	23.19	23.07		
20	QPSK	1	104	23.06	23.02	23.16		
20	QPSK	50	0	22.54	22.57	22.51		
20	QPSK	50	28	23.10	23.23	23.22	24.0	0.0
20	QPSK	50	56	22.49	22.55	22.55	23.5	0.5
20	QPSK	100	0	22.16	22.23	22.15	23.0	1.0
20	16QAM	1	1	22.16	22.25	22.24	23.0	1.0
20	64QAM	1	1	21.72	21.67	21.69	21.5	2.5
20	256QAM	1	1	19.61	19.56	19.59	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.25	23.24	23.18	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.26	23.22	23.14	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.12	23.21	23.20	24.0	0.0

n66 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.00	23.01	22.96	24.0	0.0
20	PI/2 BPSK	1	53	22.94	22.84	22.98		
20	PI/2 BPSK	1	104	22.91	22.86	22.95		
20	PI/2 BPSK	50	0	22.85	22.91	22.86	24.0	0.0
20	PI/2 BPSK	50	28	23.00	23.03	22.97		
20	PI/2 BPSK	50	56	22.89	22.87	22.87		
20	PI/2 BPSK	100	0	22.79	22.76	22.81	23.5	0.5
20	QPSK	1	1	23.03	23.06	23.04	24.0	0.0
20	QPSK	1	53	22.86	22.91	22.61		
20	QPSK	1	104	22.85	22.93	22.75		
20	QPSK	50	0	22.43	22.45	22.36	23.5	0.5
20	QPSK	50	28	22.97	23.00	22.94	24.0	0.0
20	QPSK	50	56	22.44	22.53	22.41	23.5	0.5
20	QPSK	100	0	22.04	22.09	21.95	23.0	1.0
20	16QAM	1	1	22.33	22.30	21.72	23.0	1.0
20	64QAM	1	1	20.56	20.50	20.16	21.5	2.5
20	256QAM	1	1	18.49	18.44	18.35	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.85	22.99	22.90	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.77	23.01	22.88	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.91	23.00	22.84	24.0	0.0



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n2 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.35	23.50	23.33	24.0	0.0
20	PI/2 BPSK	1	53	23.69	23.79	23.52		
20	PI/2 BPSK	1	104	23.85	23.39	23.42		
20	PI/2 BPSK	50	0	23.24	23.36	23.31		
20	PI/2 BPSK	50	28	23.29	23.40	23.25	24.0	0.0
20	PI/2 BPSK	50	56	23.11	23.26	23.17		
20	PI/2 BPSK	100	0	23.18	23.30	23.23		
20	QPSK	1	1	23.55	23.81	23.59		
20	QPSK	1	53	23.88	23.80	23.93	24.0	0.0
20	QPSK	1	104	23.39	23.40	23.45		
20	QPSK	50	0	23.06	22.61	23.01		
20	QPSK	50	28	23.45	23.50	23.39		
20	QPSK	50	56	22.50	22.60	22.53	23.5	0.5
20	QPSK	100	0	22.53	22.60	22.49	23.0	1.0
20	16QAM	1	1	22.23	22.45	22.42	23.0	1.0
20	64QAM	1	1	20.91	20.94	20.71	21.5	2.5
20	256QAM	1	1	19.09	19.13	18.96	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.38	23.43	23.59	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.47	23.56	23.53	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.41	23.43	23.47	24.0	0.0

n5 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.03	23.16	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.11	23.06	23.16		
20	PI/2 BPSK	1	104	23.04	23.12	23.03		
20	PI/2 BPSK	50	0	23.09	23.01	23.06		
20	PI/2 BPSK	50	28	23.22	23.29	23.23	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.05	23.11		
20	PI/2 BPSK	100	0	22.26	22.36	22.30		
20	QPSK	1	1	23.24	23.25	23.21		
20	QPSK	1	53	23.11	23.18	23.20	24.0	0.0
20	QPSK	1	104	23.11	23.23	23.20		
20	QPSK	50	0	22.68	22.61	22.66		
20	QPSK	50	28	23.17	23.22	23.17		
20	QPSK	50	56	22.63	22.75	22.67	23.5	0.5
20	QPSK	100	0	22.18	22.23	22.14	23.0	1.0
20	16QAM	1	1	22.22	22.18	22.20	23.0	1.0
20	64QAM	1	1	21.35	21.44	21.30	21.5	2.5
20	256QAM	1	1	19.35	19.47	19.56	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.16	23.28	23.21	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.20	23.24	23.13	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.27	23.31	23.14	24.0	0.0

n66 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.03	23.10	22.95	24.0	0.0
20	PI/2 BPSK	1	53	22.76	22.90	22.78		
20	PI/2 BPSK	1	104	22.82	22.92	22.83		
20	PI/2 BPSK	50	0	22.85	22.84	22.88	24.0	0.0
20	PI/2 BPSK	50	26	22.87	23.03	22.96		
20	PI/2 BPSK	50	56	22.72	22.83	22.80		
20	PI/2 BPSK	100	0	22.70	22.83	22.76	23.5	0.5
20	QPSK	1	1	22.92	23.10	22.95	24.0	0.0
20	QPSK	1	53	22.79	22.95	22.88		
20	QPSK	1	104	22.88	22.99	22.95		
20	QPSK	50	0	22.64	22.60	22.70	23.5	0.5
20	QPSK	50	28	22.90	22.95	22.84	24.0	0.0
20	QPSK	50	56	22.60	22.52	22.66	23.5	0.5
20	QPSK	100	0	22.19	22.26	22.13	23.0	1.0
20	16QAM	1	1	21.94	22.00	21.97	23.0	1.0
20	64QAM	1	1	21.80	21.89	20.71	21.5	2.5
20	256QAM	1	1	18.84	18.79	18.88	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.43	23.58	23.23	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.35	23.61	23.39	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.41	23.60	23.28	24.0	0.0

LAT Reduced power - DS13 for Body worn / Hotspot

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.93	17.20	17.18	17.8	0.0
20	PI/2 BPSK	1	53	16.93	17.34	17.36		
20	PI/2 BPSK	1	104	16.96	17.06	17.16		
20	PI/2 BPSK	50	0	16.89	17.16	17.20	17.8	0.0
20	PI/2 BPSK	50	28	16.87	17.18	17.29		
20	PI/2 BPSK	50	56	16.98	17.14	17.19		
20	PI/2 BPSK	100	0	16.88	17.12	17.39	17.8	0.0
20	QPSK	1	1	17.42	17.56	17.50	17.8	0.0
20	QPSK	1	53	16.96	17.21	17.28		
20	QPSK	1	104	16.93	17.08	17.09		
20	QPSK	50	0	16.89	17.19	17.19	17.8	0.0
20	QPSK	50	28	17.37	17.45	17.44		
20	QPSK	50	56	16.98	17.15	17.25		
20	QPSK	100	0	16.89	17.40	17.23	17.8	0.0
20	16QAM	1	1	16.96	17.08	17.16	17.8	0.0
20	64QAM	1	1	17.27	17.02	17.50	17.8	0.0
20	256QAM	1	1	16.63	17.03	16.68	17.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.03	17.12	17.18	17.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.12	17.25	17.25	17.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.05	17.35	17.32	17.8	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.96	18.18	18.35	19.0	0.0
20	PI/2 BPSK	1	53	18.19	18.28	18.37		
20	PI/2 BPSK	1	104	18.27	18.33	18.48		
20	PI/2 BPSK	50	0	18.04	18.19	18.31	19.0	0.0
20	PI/2 BPSK	50	28	18.17	18.28	18.35		
20	PI/2 BPSK	50	56	18.21	18.33	18.43		
20	PI/2 BPSK	100	0	18.12	18.29	18.30	19.0	0.0
20	QPSK	1	1	18.60	18.76	18.63	19.0	0.0
20	QPSK	1	53	18.64	18.54	18.32		
20	QPSK	1	104	18.62	18.41	18.46		
20	QPSK	50	0	18.07	18.23	18.35	19.0	0.0
20	QPSK	50	28	18.48	18.56	18.54		
20	QPSK	50	56	18.36	18.32	18.43		
20	QPSK	100	0	18.29	18.43	18.35	19.0	0.0
20	16QAM	1	1	17.94	18.23	18.56	19.0	0.0
20	64QAM	1	1	18.55	18.54	18.51	19.0	0.0
20	256QAM	1	1	17.86	18.10	18.18	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.29	18.26	18.37	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.24	18.21	18.30	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.27	18.35	18.25	19.0	0.0

LAT Reduced power - DS16 for Handheld

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.61	21.79	21.82	22.3	0.0
20	PI/2 BPSK	1	53	21.51	21.95	21.96		
20	PI/2 BPSK	1	104	21.57	21.62	21.77		
20	PI/2 BPSK	50	0	21.45	21.77	21.79	22.3	0.0
20	PI/2 BPSK	50	28	21.47	21.72	21.87		
20	PI/2 BPSK	50	56	21.58	21.67	21.77		
20	PI/2 BPSK	100	0	21.43	21.74	21.75	22.3	0.0
20	QPSK	1	1	21.85	21.97	21.83	22.3	0.0
20	QPSK	1	53	21.58	21.84	21.93		
20	QPSK	1	104	21.57	21.72	21.74		
20	QPSK	50	0	21.52	21.74	21.81	22.3	0.0
20	QPSK	50	28	21.73	21.85	21.82		
20	QPSK	50	56	21.58	21.72	21.84		
20	QPSK	100	0	21.51	21.80	21.71	22.3	0.0
20	16QAM	1	1	21.58	21.78	21.76	22.3	0.0
20	64QAM	1	1	21.05	21.45	21.35	21.5	0.8
20	256QAM	1	1	18.43	18.78	18.79	19.5	2.8
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.78	21.87	21.65	22.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.62	21.90	21.68	22.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.71	21.77	21.70	22.3	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.05	22.23	22.57	22.8	0.0
20	PI/2 BPSK	1	53	22.38	22.29	22.56		
20	PI/2 BPSK	1	104	22.39	22.33	22.66		
20	PI/2 BPSK	50	0	21.97	22.17	22.50	22.8	0.0
20	PI/2 BPSK	50	28	22.14	22.28	22.47		
20	PI/2 BPSK	50	56	22.21	22.29	22.55		
20	PI/2 BPSK	100	0	22.06	22.29	22.39	22.8	0.0
20	QPSK	1	1	22.63	22.72	22.58	22.8	0.0
20	QPSK	1	53	22.62	22.59	22.55		
20	QPSK	1	104	22.52	22.41	22.63		
20	QPSK	50	0	21.97	22.21	22.43	22.8	0.0
20	QPSK	50	28	22.47	22.61	22.50		
20	QPSK	50	56	22.25	22.36	22.58		
20	QPSK	100	0	22.15	22.52	22.48	22.8	0.0
20	16QAM	1	1	22.00	22.35	22.60	22.8	0.0
20	64QAM	1	1	21.23	21.25	21.39	21.5	1.3
20	256QAM	1	1	18.47	18.67	18.92	19.5	3.3
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.51	22.56	22.41	22.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.35	22.60	22.56	22.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.47	22.53	22.61	22.8	0.0

UAT Reduced power - DS12 for Head

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.01	15.20	15.05	15.5	0.0
20	PI/2 BPSK	1	53	15.16	15.15	15.04		
20	PI/2 BPSK	1	104	15.16	15.05	14.99		
20	PI/2 BPSK	50	0	15.30	15.19	15.03	15.5	0.0
20	PI/2 BPSK	50	28	15.24	15.13	15.03		
20	PI/2 BPSK	50	56	15.28	15.19	14.98		
20	PI/2 BPSK	100	0	15.23	15.14	15.01	15.5	0.0
20	QPSK	1	1	15.24	15.32	15.27	15.5	0.0
20	QPSK	1	53	15.20	15.02	15.03		
20	QPSK	1	104	15.20	15.09	14.98		
20	QPSK	50	0	15.26	15.16	15.01	15.5	0.0
20	QPSK	50	28	15.17	15.25	15.23		
20	QPSK	50	56	15.24	15.17	15.04		
20	QPSK	100	0	15.14	15.18	14.99	15.5	0.0
20	16QAM	1	1	15.09	15.03	15.08	15.5	0.0
20	64QAM	1	1	15.25	15.15	14.91	15.5	0.0
20	256QAM	1	1	15.28	15.09	14.98	15.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.21	15.23	15.11	15.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.13	15.14	15.08	15.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.07	14.86	15.03	15.5	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	15.75	15.66	15.64	16.5	0.0
20	PI/2 BPSK	1	53	15.73	15.89	15.65		
20	PI/2 BPSK	1	104	15.70	15.63	15.59		
20	PI/2 BPSK	50	0	15.65	15.60	15.53	16.5	0.0
20	PI/2 BPSK	50	28	15.63	15.54	15.55		
20	PI/2 BPSK	50	56	15.56	15.55	15.49		
20	PI/2 BPSK	100	0	15.62	15.53	15.54	16.5	0.0
20	QPSK	1	1	15.84	15.91	15.86	16.5	0.0
20	QPSK	1	53	15.75	15.88	15.47		
20	QPSK	1	104	15.79	15.53	15.51		
20	QPSK	50	0	15.66	15.66	15.58	16.5	0.0
20	QPSK	50	28	15.67	15.78	15.63		
20	QPSK	50	56	15.63	15.53	15.49		
20	QPSK	100	0	15.64	15.67	15.56	16.5	0.0
20	16QAM	1	1	15.78	15.60	15.46	16.5	0.0
20	64QAM	1	1	15.75	15.55	15.50	16.5	0.0
20	256QAM	1	1	15.58	15.59	15.51	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.63	15.48	15.68	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.71	15.52	15.71	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.62	15.56	15.58	16.5	0.0

UAT Reduced power - DS13 for Body worn / Hotspot

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.54	15.80	15.69	16.0	0.0
20	PI/2 BPSK	1	53	15.65	15.62	15.50		
20	PI/2 BPSK	1	104	15.50	15.74	15.58		
20	PI/2 BPSK	50	0	15.53	15.77	15.64	16.0	0.0
20	PI/2 BPSK	50	28	15.79	15.68	15.66		
20	PI/2 BPSK	50	56	15.63	15.68	15.50		
20	PI/2 BPSK	100	0	15.63	15.73	15.52	16.0	0.0
20	QPSK	1	1	15.68	15.87	15.68	16.0	0.0
20	QPSK	1	53	15.61	15.73	15.63		
20	QPSK	1	104	15.84	15.66	15.56		
20	QPSK	50	0	15.62	15.69	15.65	16.0	0.0
20	QPSK	50	28	15.72	15.81	15.60		
20	QPSK	50	56	15.71	15.65	15.64		
20	QPSK	100	0	15.65	15.67	15.63	16.0	0.0
20	16QAM	1	1	15.56	15.68	15.68	16.0	0.0
20	64QAM	1	1	15.68	15.77	15.62	16.0	0.0
20	256QAM	1	1	15.63	15.76	15.45	16.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.46	15.62	15.68	16.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.52	15.57	15.43	16.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.61	15.47	15.51	16.0	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.35	16.15	16.19	17.0	0.0
20	PI/2 BPSK	1	53	16.47	16.45	16.28		
20	PI/2 BPSK	1	104	16.33	16.19	16.17		
20	PI/2 BPSK	50	0	16.22	16.07	16.15	17.0	0.0
20	PI/2 BPSK	50	28	16.23	16.16	16.06		
20	PI/2 BPSK	50	56	16.17	16.13	16.05		
20	PI/2 BPSK	100	0	16.21	16.15	16.11	17.0	0.0
20	QPSK	1	1	16.45	16.56	16.48	17.0	0.0
20	QPSK	1	53	16.44	16.41	16.25		
20	QPSK	1	104	16.31	16.10	16.14		
20	QPSK	50	0	16.25	16.09	16.13	17.0	0.0
20	QPSK	50	28	16.43	16.48	16.41		
20	QPSK	50	56	16.16	16.13	16.09		
20	QPSK	100	0	16.21	16.35	16.10	17.0	0.0
20	16QAM	1	1	16.18	16.07	16.09	17.0	0.0
20	64QAM	1	1	16.33	16.18	16.12	17.0	0.0
20	256QAM	1	1	16.30	16.09	16.23	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.21	15.98	16.09	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.99	16.03	16.04	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.98	16.12	16.12	17.0	0.0

UAT Reduced power - DS16 for Handheld

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.79	20.77	20.58	21.0	0.0
20	PI/2 BPSK	1	53	20.79	20.67	20.69		
20	PI/2 BPSK	1	104	20.67	20.61	20.54		
20	PI/2 BPSK	50	0	20.67	20.69	20.59	21.0	0.0
20	PI/2 BPSK	50	28	20.75	20.69	20.51		
20	PI/2 BPSK	50	56	20.69	20.66	20.48		
20	PI/2 BPSK	100	0	20.73	20.66	20.50	21.0	0.0
20	QPSK	1	1	20.68	20.82	20.73	21.0	0.0
20	QPSK	1	53	20.66	20.76	20.67		
20	QPSK	1	104	20.61	20.69	20.51		
20	QPSK	50	0	20.70	20.63	20.59	21.0	0.0
20	QPSK	50	28	20.64	20.74	20.58		
20	QPSK	50	56	20.71	20.70	20.53		
20	QPSK	100	0	20.69	20.73	20.52	21.0	0.0
20	16QAM	1	1	20.70	20.67	20.57	21.0	0.0
20	64QAM	1	1	20.75	20.78	20.63	21.0	0.0
20	256QAM	1	1	19.01	19.31	19.10	19.5	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.40	20.52	20.39	21.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.46	20.61	20.49	21.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.58	20.67	20.51	21.0	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.40	20.21	20.31	21.0	0.0
20	PI/2 BPSK	1	53	20.33	20.28	20.56		
20	PI/2 BPSK	1	104	20.41	20.23	20.19		
20	PI/2 BPSK	50	0	20.27	20.24	20.23	21.0	0.0
20	PI/2 BPSK	50	28	20.29	20.23	20.16		
20	PI/2 BPSK	50	56	20.32	20.18	20.15		
20	PI/2 BPSK	100	0	20.30	20.25	20.15	21.0	0.0
20	QPSK	1	1	20.60	20.67	20.58	21.0	0.0
20	QPSK	1	53	20.54	20.28	20.43		
20	QPSK	1	104	20.62	20.23	20.19		
20	QPSK	50	0	20.33	20.25	20.21	21.0	0.0
20	QPSK	50	28	20.53	20.57	20.51		
20	QPSK	50	56	20.39	20.15	20.15		
20	QPSK	100	0	20.41	20.49	20.37	21.0	0.0
20	16QAM	1	1	20.46	20.46	20.15	21.0	0.0
20	64QAM	1	1	20.48	20.34	20.26	21.0	0.0
20	256QAM	1	1	19.47	19.38	19.15	19.5	1.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.12	20.15	20.09	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.15	20.02	20.13	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.98	20.05	20.10	21.0	0.0

LAT Full Power - DSI 2/3/4/6										
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	49	1	0	1	0	22.95	24.00
20575	20476	QPSK	1	0	1	49	1	0	22.91	24.00
20600	20501	QPSK	1	0	1	49	1	0	22.94	24.00

LAT Reduced Power - DSI3 for Body worn / Hotspot										
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	49	1	0	1	0	22.64	23.70
20575	20476	QPSK	1	0	1	49	1	0	22.62	23.70
20600	20501	QPSK	1	0	1	49	1	0	22.54	23.70

LAT Full Power - DSI 2/3/4/6										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	22.78	24.00
132322	132229	QPSK	1	0	1	24	1	0	22.79	24.00
132597	132504	QPSK	1	0	1	24	1	0	22.73	24.00

LAT Reduced Power - DSI3 for Body worn / Hotspot										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	14.91	16.10
132322	132229	QPSK	1	0	1	24	1	0	15.13	16.10
132597	132504	QPSK	1	0	1	24	1	0	15.10	16.10

LAT Reduced Power - DSI6 for Handheld										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	19.04	20.20
132322	132229	QPSK	1	0	1	24	1	0	19.38	20.20
132597	132504	QPSK	1	0	1	24	1	0	19.18	20.20

LAT Full Power - DSI 2/3/4/6

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	22.96	24.00
132322	132124	QPSK	1	0	1	99	1	0	22.93	24.00
132572	132374	QPSK	1	0	1	99	1	0	22.87	24.00

LAT Reduced Power - DSI3 for Body worn / Hotspot

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	15.34	16.10
132322	132124	QPSK	1	0	1	99	1	0	15.35	16.10
132572	132374	QPSK	1	0	1	99	1	0	15.33	16.10

LAT Reduced Power - DSI6 for Handheld

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	19.25	20.20
132322	132124	QPSK	1	0	1	99	1	0	19.31	20.20
132572	132374	QPSK	1	0	1	99	1	0	19.48	20.20

UAT Full Power - DSI 2/3/4/6										
CA_5B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20549	QPSK	1	49	1	0	1	0	22.69	23.50
20575	20476	QPSK	1	0	1	49	1	0	22.64	23.50
20600	20501	QPSK	1	0	1	49	1	0	22.56	23.50

UAT Full Power - DSI 2/3/4/6										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	21.87	23.00
132322	132229	QPSK	1	0	1	24	1	0	21.89	23.00
132597	132504	QPSK	1	0	1	24	1	0	21.75	23.00

LAT Reduced Power - DSI2 for Head										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	13.78	14.90
132322	132229	QPSK	1	0	1	24	1	0	13.94	14.90
132597	132504	QPSK	1	0	1	24	1	0	13.88	14.90

LAT Reduced Power - DSI3 for Body worn / Hotspot										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	15.00	15.90
132322	132229	QPSK	1	0	1	24	1	0	15.02	15.90
132597	132504	QPSK	1	0	1	24	1	0	14.95	15.90

LAT Reduced Power - DSI6 for Handheld										
CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	1	0	19.05	19.90
132322	132229	QPSK	1	0	1	24	1	0	18.98	19.90
132597	132504	QPSK	1	0	1	24	1	0	18.88	19.90

UAT Full Power - DSI 2/3/4/6										
CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	22.23	23.00
132322	132124	QPSK	1	0	1	99	1	0	22.10	23.00
132572	132374	QPSK	1	0	1	99	1	0	22.03	23.00

LAT Reduced Power - DSI2 for Head										
CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	14.20	14.90
132322	132124	QPSK	1	0	1	99	1	0	14.31	14.90
132572	132374	QPSK	1	0	1	99	1	0	14.13	14.90

LAT Reduced Power - DSI3 for Body worn / Hotspot										
CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	15.22	15.90
132322	132124	QPSK	1	0	1	99	1	0	15.40	15.90
132572	132374	QPSK	1	0	1	99	1	0	15.05	15.90

LAT Reduced Power - DSI6 for Handheld										
CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	1	0	19.09	19.90
132322	132124	QPSK	1	0	1	99	1	0	19.26	19.90
132572	132374	QPSK	1	0	1	99	1	0	19.21	19.90

3CA DL Full power - DSI 2/3/4/6

<Inter-Band for Three Carrier Combination> (three bands)

Configure	PCC									SCC1				SCC2				Power			
	LTE	Antenna Band	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
	Band		(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx Power (dBm)	Tx Power (dBm)
CA_2A-4A-13A	Band 2	1	20M	1880	18900	QPS	1	0	4xMIMO	Band 4	20M	2132.5	2175	4xMIMO	Band 13	10M	751	5230		22.76	23.02
	Band 2	2	20M	1880	18900	QPS	1	0	4xMIMO	Band 4	20M	2132.5	2175	4xMIMO	Band 13	10M	751	5230		21.9	21.92
	Band 4	1	20M	1732.5	20175	QPS	1	0	4xMIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4xMIMO	22.72	22.58
	Band 4	2	20M	1732.5	20175	QPS	1	0	4xMIMO	Band 13	10M	751	5230		Band 2	20M	1960	900	4xMIMO	21.9	21.99
	Band 13	1	10M	782	23230	QPS	1	0		Band 2	20M	1960	900	4xMIMO	Band 4	20M	2132.5	2175	4xMIMO	22.93	22.82

<Inter-Band for Three Carrier Combination> (two bands)

Configure	PCC										SCC1				SCC2				Power		
	LTE	Antenna	BW	UL	UL	Mod.	UL#	UL	DL Antenna	LTE	BW	DL	DL	DL Antenna	LTE	BW	DL	DL	DL Antenna	With CA	Without CA
	Band	Port	(MHz)	Freq. (MHz)	Channel		RB	RB Offset	Configuration	Band	(MHz)	Freq. (MHz)	Channel	Configuration	Band	(MHz)	Freq. (MHz)	Channel	Configuration	Tx. Power (dBm)	Tx. Power (dBm)
CA_4A-4A-13A	Band 4	1	20M	1732.5	20175	QPS	1	0	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 13	10M	751	5230		22.62	22.58
	Band 4	2	20M	1732.5	20175	QPS	1	0	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 13	10M	751	5230		21.89	21.99
	Band 13	1	10M	782	23230	QPS	1	0		Band 4	20M	2132.5	2175	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	22.78	22.82
CA_66A-66B	Band 66	1	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2112.5	66461	4xMIMO	Band 66	15M	2121.8	66554	4xMIMO	22.68	22.64
	Band 66	2	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2112.5	66461	4xMIMO	Band 66	15M	2121.8	66554	4xMIMO	21.87	21.99
	Band 66	1	15M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	20M	2120	66536	4xMIMO	22.66	22.47
	Band 66	2	15M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	20M	2120	66536	4xMIMO	21.88	21.91
CA_66A-66C	Band 66	1	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	20M	2174.8	67084	4xMIMO	Band 66	5M	2197.5	66461	4xMIMO	22.89	22.84
	Band 66	2	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	20M	2174.8	67084	4xMIMO	Band 66	5M	2197.5	66461	4xMIMO	21.89	21.99
	Band 66	1	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2197.5	66461	4xMIMO	Band 66	20M	2209.2	66578	4xMIMO	22.57	22.64
	Band 66	2	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	5M	2197.5	66461	4xMIMO	Band 66	20M	2209.2	66578	4xMIMO	21.88	21.99
CA_66D	Band 66	1	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	20M	2174.8	67084	4xMIMO	Band 29	20M	2194.6	67282		22.58	22.64
	Band 66	2	20M	1745	132322	QPS	1	0	4xMIMO	Band 66	20M	2174.8	67084	4xMIMO	Band 29	20M	2194.6	67282		21.87	21.99



4CA DL Full power - DSI 2/3/4/6

Configure	PCC										SCC1										SCC2										SCC3										Power	
	Band	Antenna Port	BW (MHz)	Freq (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	Freq (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	Freq (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	Freq (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	Freq (MHz)	DL Channel	DL Antenna Configuration	With CA Tx Power (dBm)	Without CA Tx Power (dBm)											
CA_2A-2A-4A-4A	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	22.58	23.02											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	21.88	21.92											
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.60	22.58											
	Band 4	2	20M	1732.5	20175	QPSK	1	0	4xMIMO	Band 4	5M	2152.5	2375	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	21.93	21.99											
CA_2A-2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	22.56	23.02											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	21.82	21.92											
	Band 4	1	20M	1732.5	20175	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	22.56	22.58											
	Band 4	2	20M	1732.5	20175	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	22.04	21.99											
CA_2A-2A-5B	Band 5	1	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	23.01	22.94											
	Band 5	2	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 4	20M	1732.5	2175	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.58	22.46											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	21.90	21.92											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	22.56	23.02											
CA_2A-2A-6A	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	20M	2155	66886	4xMIMO	22.61	23.02											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 5	5M	881.2	2597	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	20M	2155	66886	4xMIMO	21.98	21.92											
	Band 5	1	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.99	22.94											
	Band 5	2	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.35	22.46											
CA_2A-2A-6A-6A	Band 66	1	20M	1745	132322	QPSK	1	0	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.70	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.03	21.99											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 13	10M	751	5230	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	20M	2155	66886	4xMIMO	22.52	23.02											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 13	10M	751	5230	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	20M	2155	66886	4xMIMO	21.97	21.92											
CA_2A-2A-13A-6A	Band 13	1	10M	707.5	23230	QPSK	1	0	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.98	22.82											
	Band 66	1	20M	1745	132322	QPSK	1	0	4xMIMO	Band 13	10M	751	5230	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.72	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 13	10M	751	5230	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.08	21.99											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	15M	2155	66886	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	22.54	23.02											
CA_2A-2A-6B	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	15M	2155	66886	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	22.05	21.92											
	Band 66	1	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.78	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.07	21.99											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	5M	2174.8	67084	4xMIMO	Band 66	5M	2174.8	67084	4xMIMO	22.61	23.02											
CA_2A-2A-6C	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	5M	2174.8	67084	4xMIMO	Band 66	5M	2174.8	67084	4xMIMO	21.95	21.92											
	Band 66	1	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	20M	2164.8	66984	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.67	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	20M	2164.8	66984	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	21.95	21.99											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	22.65	23.02											
CA_2A-2A-6A-6A-6A	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	22.63	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 2	20M	1880	900	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	Band 2	5M	1987.5	1175	4xMIMO	21.91	21.99											
	Band 5	1	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	22.62	22.94											
	Band 5	2	10M	836.5	20525	QPSK	1	0	4xMIMO	Band 66	20M	2155	66886	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	22.54	22.46											
CA_2A-2A-6A-6B	Band 66	1	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	22.78	22.64											
	Band 66	2	20M	1745	132322	QPSK	1	0	4xMIMO	Band 66	5M	2197.5	67311	4xMIMO	Band 5	10M	836.5	2525	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	22.05	21.92											
	Band 2	1	20M	1880	18900	QPSK	1	0	4xMIMO	Band 2	5M	1867.5	1175	4xMIMO	Band 66	15M	2155	66886	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	Band 66	5M	2164.3	66979	4xMIMO	22.77	22.64											
	Band 2	2	20M	1880	18900	QPSK	1	0	4xMIMO	</																																



2.4GHz WLAN	Ant 3+6 Full Power & Handheld -Standalone					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	22.11	22.50	100
		6	2437	22.12	22.50	
		11	2462	22.11	22.50	
	802.11g 6Mbps	1	2412	20.83	21.50	98.28
		6	2437	21.04	21.50	
		11	2462	19.57	21.50	
	802.11n-HT20 MCS0	1	2412	19.36	21.00	98.16
		6	2437	21.22	21.50	
		11	2462	18.93	21.00	

2.4GHz WLAN	Ant 3+6 For Head(Rec on)-Standalone					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	20.85	21.00	100
		6	2437	20.31	21.00	
		11	2462	20.25	21.00	
	802.11g 6Mbps	1	2412	Not Required	21.00	98.28
		6	2437		21.00	
		11	2462		21.00	
	802.11n-HT20 MCS0	1	2412		21.00	98.16
		6	2437		21.00	
		11	2462		21.00	

2.4GHz WLAN	Ant 3+6 For Body Worn/Hotspot-Standalone					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	20.85	21.00	100
		6	2437	20.31	21.00	
		11	2462	20.25	21.00	
	802.11g 6Mbps	1	2412	Not Required	21.00	98.28
		6	2437		21.00	
		11	2462		21.00	
	802.11n-HT20 MCS0	1	2412		21.00	98.16
		6	2437		21.00	
		11	2462		21.00	

5.2GHz WLAN	Ant 5+6 Full Power & Handheld & Head-Standalone					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	19.52	21.00	98.62
		40	5200	20.19	21.00	
		44	5220	20.42	21.00	
		48	5240	20.58	21.00	
	802.11n-HT20 MCS0	36	5180	19.55	20.00	97.79
		40	5200	19.12	20.00	
		44	5220	19.27	20.00	
		48	5240	19.52	20.00	
	802.11n-HT40 MCS0	38	5190	11.95	13.00	96.32
		46	5230	18.99	20.00	
	802.11ac-VHT20 MCS0	36	5180	19.57	20.00	98.89
		40	5200	19.06	20.00	
		44	5220	19.35	20.00	
		48	5240	19.51	20.00	
	802.11ac-VHT40 MCS0	38	5190	11.96	13.00	96.49
		46	5230	19.05	20.00	
	802.11ac-VHT80 MCS0	42	5210	11.74	13.00	93.06

5.2GHz WLAN	Ant 5+6 For Body Worn/Hotspot-Standalone					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	13.40	14.00	98.62
		40	5200	13.41	14.00	
		44	5220	13.32	14.00	
		48	5240	13.38	14.00	
	802.11n-HT20 MCS0	36	5180	Not Required	13.50	97.79
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11n-HT40 MCS0	38	5190		13.00	96.32
		46	5230		13.00	
	802.11ac-VHT20 MCS0	36	5180		13.50	98.89
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11ac-VHT40 MCS0	38	5190		13.00	96.49
		46	5230		13.00	
	802.11ac-VHT80 MCS0	42	5210		13.00	93.06

5.3GHz WLAN	Ant 5+6 Full Power & Handheld & Head-Standalone					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	20.35	21.00	98.62
		56	5280	20.42	21.00	
		60	5300	20.32	21.00	
		64	5320	20.41	21.00	
	802.11n-HT20 MCS0	52	5260	19.36	20.00	97.79
		56	5280	19.34	20.00	
		60	5300	19.44	20.00	
		64	5320	19.53	20.00	
	802.11n-HT40 MCS0	54	5270	18.80	20.00	96.32
		62	5310	12.78	13.00	
	802.11ac-VHT20 MCS0	52	5260	19.31	20.00	98.89
		56	5280	19.38	20.00	
		60	5300	19.41	20.00	
		64	5320	19.55	20.00	
	802.11ac-VHT40 MCS0	54	5270	18.91	20.00	96.49
		62	5310	12.83	13.00	
	802.11ac-VHT80 MCS0	58	5290	13.50	14.50	93.06

5.3GHz WLAN	Ant 5+6 For Body Worn-Standalone					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	13.30	13.50	98.62
		56	5280	13.34	13.50	
		60	5300	13.32	13.50	
		64	5320	13.29	13.50	
	802.11n-HT20 MCS0	52	5260	Not Required	13.50	97.79
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT40 MCS0	54	5270		13.00	96.32
		62	5310		13.00	
	802.11ac-VHT20 MCS0	52	5260		13.50	98.89
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11ac-VHT40 MCS0	54	5270		13.00	96.49
		62	5310		13.00	
	802.11ac-VHT80 MCS0	58	5290		13.00	93.06

5.5GHz WLAN	Ant 5+6 Full Power & Handheld & Head-Standalone					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	20.59	21.50	98.62
		116	5580	20.77	21.50	
		132	5660	20.74	21.50	
		140	5700	20.53	21.50	
	802.11n-HT20 MCS0	100	5500	19.61	20.00	97.79
		116	5580	20.20	21.00	
		132	5660	19.95	20.00	
		140	5700	18.22	19.00	
	802.11n-HT40 MCS0	102	5510	14.55	15.50	96.32
		110	5550	19.21	20.00	
	802.11ac-VHT20 MCS0	134	5670	19.30	20.00	98.89
		100	5500	19.58	20.00	
		116	5580	20.21	21.00	
		132	5660	19.98	21.00	
	802.11ac-VHT40 MCS0	140	5700	18.26	19.50	96.49
		102	5510	14.58	15.50	
		110	5550	19.24	20.00	
		134	5670	19.36	20.00	
	802.11ac-VHT80 MCS0	106	5530	12.52	13.50	93.06

5.5GHz WLAN	Ant 5+6 For Body Worn-Standalone					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	13.15	14.50	98.62
		116	5580	14.11	14.50	
		132	5660	13.49	14.50	
		140	5700	13.33	14.50	
	802.11n-HT20 MCS0	100	5500	Not Required	14.50	97.79
		116	5580		14.50	
		132	5660		14.50	
		140	5700		14.50	
	802.11n-HT40 MCS0	102	5510		14.00	96.32
		110	5550		14.00	
	802.11ac-VHT20 MCS0	134	5670		14.00	98.89
		100	5500		14.50	
		116	5580		14.50	
		132	5660		14.50	
	802.11ac-VHT40 MCS0	140	5700		14.50	96.49
		102	5510		14.00	
		110	5550		14.00	
		134	5670		14.00	
	802.11ac-VHT80 MCS0	106	5530		13.50	93.06

5.8GHz WLAN	Ant 5+6 Full Power & Handheld & Head-Standalone					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	20.98	21.50	98.62
		157	5785	20.55	21.50	
		165	5825	20.94	21.50	
	802.11n-HT20 MCS0	149	5745	19.98	21.00	97.79
		157	5785	19.61	20.50	
		165	5825	20.00	21.00	
	802.11n-HT40 MCS0	151	5755	19.06	20.00	96.32
		159	5795	18.94	20.00	
	802.11ac-VHT20 MCS0	149	5745	20.01	21.00	96.48
		157	5785	19.61	20.50	
165		5825	19.96	21.00		
802.11ac-VHT40 MCS0	151	5755	19.14	20.00	96.49	
	159	5795	18.93	20.00		
802.11ac-VHT80 MCS0	155	5775	19.04	20.00	93.06	



2.4GHz WLAN	Ant 3+6 For Head(Rec on)-Simultaneous						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	1	2412	16.47	16.50	12.50	100
		6	2437	15.84	16.50	12.50	
		11	2462	15.91	16.50	12.50	
	802.11g 6Mbps	1	2412	Not Required	16.50	Not Required	98.28
		6	2437		16.50		
		11	2462		16.50		
	802.11n-HT20 MCS0	1	2412		16.50		98.16
		6	2437		16.50		
		11	2462		16.50		

2.4GHz WLAN	Ant 3+6 For /Body-worn&Hotspot-Simultaneous						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	1	2412	16.47	16.50	12.50	100
		6	2437	15.84	16.50	12.50	
		11	2462	15.91	16.50	12.50	
	802.11g 6Mbps	1	2412	Not Required	16.50	Not Required	98.28
		6	2437		16.50		
		11	2462		16.50		
	802.11n-HT20 MCS0	1	2412		16.50		98.16
		6	2437		16.50		
		11	2462		16.50		

2.4GHz WLAN	Ant 3+6 For Hanheld-Simultaneous						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11b 1Mbps	1	2412	20.85	21.00	17.00	100
		6	2437	20.31	21.00	17.00	
		11	2462	20.25	21.00	17.00	
	802.11g 6Mbps	1	2412	Not Required	21.00	Not Required	98.28
		6	2437		21.00		
		11	2462		21.00		
	802.11n-HT20 MCS0	1	2412		21.00		98.16
		6	2437		21.00		
		11	2462		21.00		

5.2GHz WLAN	Ant 5+6 For Body-worn&Hotspot-Simultaneous						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	36	5180	9.30	10.00	6.00	98.62
		40	5200	9.24	10.00	6.00	
		44	5220	9.17	10.00	6.00	
		48	5240	9.20	10.00	6.00	
	802.11n-HT20 MCS0	36	5180		10.00		97.79
		40	5200		10.00		
		44	5220		10.00		
		48	5240		10.00		
	802.11n-HT40 MCS0	38	5190		9.50		96.32
		46	5230		9.50		
	802.11ac-VHT20 MCS0	36	5180	Not Required	10.00	Not Required	98.89
		40	5200		10.00		
		44	5220		10.00		
		48	5240		10.00		
	802.11ac-VHT40 MCS0	38	5190		9.50		96.49
		46	5230		9.50		
	802.11ac-VHT80 MCS0	42	5210		9.50		93.06

5.2GHz WLAN	Ant 5+6 For Hanheld-Simultaneous						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	36	5180	13.40	14.00	10.00	98.62
		40	5200	13.41	14.00	10.00	
		44	5220	13.32	14.00	10.00	
		48	5240	13.36	14.00	10.00	
	802.11n-HT20 MCS0	36	5180		14.00		97.79
		40	5200		14.00		
		44	5220		14.00		
		48	5240		14.00		
	802.11n-HT40 MCS0	38	5190		13.50		96.32
		46	5230		13.50		
	802.11ac-VHT20 MCS0	36	5180	Not Required	14.00	Not Required	98.89
		40	5200		14.00		
		44	5220		14.00		
		48	5240		14.00		
	802.11ac-VHT40 MCS0	38	5190		13.50		96.49
		46	5230		13.50		
	802.11ac-VHT80 MCS0	42	5210		13.50		93.06

5.3GHz WLAN	Ant 5+6 For Body-worn-Simultaneous						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	52	5260	8.84	9.00	5.50	98.62
		56	5280	8.97	9.00	5.50	
		60	5300	8.88	9.00	5.50	
		64	5320	8.71	9.00	5.50	
	802.11n-HT20 MCS0	52	5260		9.00		97.79
		56	5280		9.00		
		60	5300		9.00		
		64	5320		9.00		
	802.11n-HT40 MCS0	54	5270		8.50		96.32
		62	5310		8.50		
	802.11ac-VHT20 MCS0	52	5260	Not Required	9.00	Not Required	98.89
		56	5280		9.00		
		60	5300		9.00		
		64	5320		9.00		
	802.11ac-VHT40 MCS0	54	5270		8.50		96.49
		62	5310		8.50		
	802.11ac-VHT80 MCS0	58	5290		8.50		93.06

5.3GHz WLAN	Ant 5+6 For Hanheld-Simultaneous						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	52	5260	13.30	13.50	10.00	98.62
		56	5280	13.34	13.50	10.00	
		60	5300	13.32	13.50	10.00	
		64	5320	13.29	13.50	10.00	
	802.11n-HT20 MCS0	52	5260		13.50		97.79
		56	5280		13.50		
		60	5300		13.50		
		64	5320		13.50		
	802.11n-HT40 MCS0	54	5270		13.00		96.32
		62	5310		13.00		
	802.11ac-VHT20 MCS0	52	5260	Not Required	13.50	Not Required	98.89
		56	5280		13.50		
		60	5300		13.50		
		64	5320		13.50		
	802.11ac-VHT40 MCS0	54	5270		13.00		96.49
		62	5310		13.00		
	802.11ac-VHT80 MCS0	58	5290		13.00		93.06

5.5GHz WLAN	Ant 5+6 For Body-worn-Simultaneous						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	100	5500	7.50	8.50	4.50	98.62
		116	5580	8.27	8.50	4.50	
		132	5660	7.95	8.50	4.50	
		140	5700	7.88	8.50	4.50	
	802.11n-HT20 MCS0	100	5500		8.50		97.79
		116	5580		8.50		
		132	5660		8.50		
		140	5700		8.50		
	802.11n-HT40 MCS0	102	5510		8.00		96.32
		110	5550		8.00		
		124	5670		8.00		
	802.11ac-VHT20 MCS0	100	5500	Not Required	8.50	Not Required	98.89
		116	5580		8.50		
		132	5660		8.50		
		140	5700		8.50		
	802.11ac-VHT40 MCS0	102	5510		8.00		96.49
		110	5550		8.00		
	802.11ac-VHT80 MCS0	134	5670		8.00		93.06
		106	5530		8.00		

5.5GHz WLAN	Ant 5+6 For Hanheld-Simultaneous						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Power Setting	Duty Cycle %
	802.11a 6Mbps	100	5500	13.15	14.50	10.00	98.62
		116	5580	14.11	14.50	10.00	
		132	5660	13.49	14.50	10.00	
		140	5700	13.33	14.50	10.00	
	802.11n-HT20 MCS0	100	5500		14.50		97.79
		116	5580		14.50		
		132	5660		14.50		
		140	5700		14.50		
	802.11n-HT40 MCS0	102	5510		14.00		96.32
		110	5550		14.00		
		134	5670		14.00		
	802.11ac-VHT20 MCS0	100	5500	Not Required	14.50	Not Required	96.89
		116	5580		14.50		
802.11ac-VHT40 MCS0	132	5660		14.50		96.49	
	140	5700		14.50			
	102	5510		14.00			
	110	5550		14.00			
802.11ac-VHT80 MCS0	134	5670		14.00		93.06	
	106	5530		13.50			

BR / EDR		Ant 6	Average power (dBm)		
Mode	Channel	Frequency (MHz)	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.22	7.44	7.53
	CH 39	2441	11.40	8.20	8.77
	CH 78	2480	10.20	8.43	8.51
Tune-up Limit			12		

LE v4.0		Ant 6	Average power (dBm)		
Mode	Channel	Frequency (MHz)	GFSK		
LE	CH 00	2402	5.58		
	CH 19	2440	6.02		
	CH 39	2480	6.48		
Tune-up Limit			8		

LE v5.0		Ant 6	Average power (dBm)		
Mode	Channel	Frequency (MHz)	LE		
LE	CH 00	2402	5.27		
	CH 19	2440	6.03		
	CH 39	2480	6.53		
Tune-up Limit			8.00		



Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head - LAT																								
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	0	11	22	33	44	55	66	77	88	99	110	121	132	143	
WCDMA II	RMC 12.2Kbps	9400	1880	-	-	Left Tilted	0mm	0.090	0.115	0.013	0.024	0.018	0.022	0.024	0.015	0.015	0.020	0.021	0.023	0.023	0.025	0.024	0.021	
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	1	12	23	34	45	56	67	78	89	100	111	122	133		
WCDMA V	RMC 12.2Kbps	4182	836.4			Right Cheek	0mm	0.297	0.357	0.029	0.185	0.122	0.346	0.020	0.026	0.156	0.171	0.357	0.154	0.026	0.111	0.151		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	2	13	24	35	46	57	68	79	90	101	112	123	134		
LTE Band 2-LAT	20M/QPSK	18900	1880	1	0	Right Cheek	0mm	0.095	0.110	0.044	0.069	0.060	0.062	0.059	0.059	0.047	0.075	0.046	0.078	0.056	0.055	0.061		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	3	14	25	36	47	58	69	80	91	102	113	124	135		
LTE Band 5-LAT	10M/QPSK	20525	836.5	1	0	Right Tilted	0mm	0.197	0.214	0.028	0.038	0.111	0.146	0.185	0.176	0.188	0.148	0.159	0.198	0.193	0.195	0.128		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	4	15	26	37	48	59	70	81	92	103	114	125	136		
LTE Band 12	10M/QPSK	23095	707.5	1	0	Left Cheek	0mm	0.198	0.214	0.138	0.060	0.102	0.033	0.051	0.033	0.023	0.035	0.127	0.056	0.015	0.006	0.001		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	5	16	27	38	49	60	71	82	93	104	115	126	137		
LTE Band 13	10M/QPSK	23230	782	1	0	Right Cheek	0mm	0.216	0.235	0.057	0.144	0.026	0.013	0.064	0.028	0.038	0.003	0.072	0.110	0.032	0.039	0.008		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	6	17	28	39	50	61	72	83	94	105	116	127	138		
LTE Band 7	20M/QPSK	21100	2535	1	0	Left Tilted	0mm	0.088	0.109	0.095	0.102	0.082	0.086	0.096	0.097	0.051	0.082	0.078	0.090	0.107	0.082	0.089		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	7	18	29	40	51	62	73	84	95	106	117	128	139		
LTE Band 66-LAT	20M/QPSK	132322	1745	1	0	Right Cheek	0mm	0.101	0.110	0.053	0.060	0.062	0.038	0.024	0.034	0.054	0.059	0.056	0.039	0.067	0.035	0.023		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	8	19	30	41	52	63	74	85	96	107	118	129	140		
FR1 n2	20M/QPSK	376000	1880	1	1	Left Cheek	0mm	0.056	0.066	0.021	0.033	0.046	0.029	0.045	0.030	0.027	0.043	0.046	0.052	0.030	0.043	0.030		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	9	20	31	42	53	64	75	86	97	108	119	130	141		
FR1 n5	20M/QPSK	167300	836.5	1	1	Right Cheek	0mm	0.146	0.175	0.039	0.013	0.169	0.100	0.152	0.030	0.049	0.152	0.141	0.003	0.028	0.038	0.085		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	10	21	32	43	54	65	76	87	98	109	120	131	142		
FR1 n66	20M/QPSK	349000	1745	1	1	Left Cheek	0mm	0.050	0.068	0.030	0.003	0.052	0.036	0.046	0.009	0.037	0.042	0.043	0.007	0.043	0.039	0.046		

Body worn - LAT																								
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	0	11	22	33	44	55	66	77	88	99	110	121	132	143	
WCDMA II	RMC 12.2Kbps	9400	1880	-	-	Bottom Side	5mm	0.575	0.942	0.595	0.921	0.778	0.903	0.895	0.627	0.751	0.912	0.934	0.910	0.679	0.588	0.721	0.471	
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	1	12	23	34	45	56	67	78	89	100	111	122	133		
WCDMA V	RMC 12.2Kbps	4182	836.4	-	-	Back	5mm	0.677	1.18	0.187	0.868	0.714	0.946	0.090	0.156	0.934	0.950	1.06	0.654	0.170	0.601	0.930		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	2	13	24	35	46	57	68	79	90	101	112	123	134		
LTE Band 2-LAT	20M/QPSK	18900	1880	50	0	Bottom Side	5mm	0.619	1.04	0.785	0.866	0.607	0.558	0.726	0.655	0.593	0.738	0.588	0.973	0.644	0.518	0.698		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	3	14	25	36	47	58	69	80	91	102	113	124	135		
LTE Band 5-LAT	10M/QPSK	20525	836.5	1	0	Back	5mm	0.645	0.893	0.115	0.371	0.245	0.240	0.018	0.083	0.358	0.374	0.081	0.053	0.118	0.259	0.013		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	4	15	26	37	48	59	70	81	92	103	114	125	136		
LTE Band 12	10M/QPSK	23095	707.5	1	0	Bottom Side	5mm	0.522	0.715	0.434	0.199	0.325	0.110	0.171	0.168	0.121	0.025	0.663	0.232	0.091	0.030	0.005		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	5	16	27	38	49	60	71	82	93	104	115	126	137		
LTE Band 13	10M/QPSK	23230	782	1	0	Back	5mm	0.585	0.745	0.277	0.698	0.159	0.055	0.342	0.248	0.149	0.616	0.337	0.654	0.183	0.041	0.384		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	6	17	28	39	50	61	72	83	94	105	116	127	138		
LTE Band 7	20M/QPSK	21100	2535	50	0	Bottom Side	5mm	0.795	1.07	1.00	0.729	0.688	1.03	0.973	0.904	0.695	0.896	0.917	0.913	0.824	0.939	0.899		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	7	18	29	40	51	62	73	84	95	106	117	128	139		
LTE Band 66-LAT	20M/QPSK	132322	1745	50	0	Bottom Side	5mm	0.669	0.865	0.704	0.724	0.757	0.778	0.588	0.658	0.771	0.746	0.653	0.729	0.528	0.728	0.788		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	8	19	30	41	52	63	74	85	96	107	118	129	140		
FR1 n2	20M/QPSK	372000	1860	50	28	Bottom Side	5mm	0.953	1.60	0.921	0.696	1.31	0.863	1.26	1.26	0.896	1.26	0.896	0.968	0.863	0.797	0.867		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	9	20	31	42	53	64	75	86	97	108	119	130	141		
FR1 n5	20M/QPSK	167300	836.5	1	1	Back	5mm	0.623	1.09	0.712	0.664	0.751	0.656	0.698	0.417	0.376	0.552	0.475	0.761	0.732	0.593	0.963		
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)															
									Auto-Tune	10	21	32	43	54	65	76	87	98	109	120	131	142		
FR1 n66	20M/QPSK	354000	1770	1	1	Bottom Side	5mm	0.942	1.57	0.869	1.02	1.21	0.796	1.08	0.659	1.12	1.21	0.978	0.941	0.746	0.716	0.426		

Verified SAR >1.2w/kg _Body worn - LAT

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FR1 n2	20M/QPSK	372000	1860	50	28	Bottom Side	5mm	0.953	1.60	0.651	0.526	0.589	0.636	0.686	0.826	0.801	0.896	0.921	0.865	0.944	0.716	0.689	0.635	0.812	0.896	0.762
										17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
										0.618	0.672	0.696	0.812	0.765	0.689	0.916	0.989	0.786	0.995	0.876	0.966	1.26	1.31	1.28	1.04	1.11
										34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
										1.26	0.568	0.689	0.769	0.698	0.784	0.896	0.863	0.846	0.768	0.862	0.896	0.763	0.812	0.836	0.986	1.13
										51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
										1.21	1.26	0.916	0.856	0.765	0.812	0.689	0.712	1.06	1.21	0.963	0.975	1.26	1.34	0.836	0.963	0.842
										67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83
										0.896	0.935	0.763	0.869	0.683	0.786	0.687	0.896	0.867	0.698	0.968	0.987	0.687	0.962	1.21	1.14	1.28
										83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										1.36	1.26	1.26	1.12	1.26	1.11	0.765	0.715	0.796	0.965	0.876	0.912	0.826	0.896	0.796	0.34	0.819
										99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
										0.984	0.876	1.31	1.35	1.26	1.06	1.01	0.987	0.968	0.789	0.891	0.683	0.512	0.686	0.796	1.02	0.963
										115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131
										0.869	1.11	0.967	0.863	0.802	0.765	0.894	0.852	0.986	0.876	0.704	0.863	0.715	0.831	0.797	0.968	0.826
										131	132	133	134	135	136	137	138	139	140	141	142	143				
										0.769	0.845	0.696	0.589	0.986	0.972	0.869	0.789	0.712	0.867	0.912	0.712	0.861				

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Auto-Tune	Average Value of Time Sweep (W/kg)																
										0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
FR1 n66	20M/QPSK	364000	1770	1	1	Bottom Side	5mm	0.942	1.57	1.35	1.21	1.16	1.21	1.01	1.13	1.21	1.08	0.986	0.954	0.869	1.37	1.26	1.21	1.41	1.11	1.11
										17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
										1.45	1.27	1.31	1.25	1.02	0.946	1.38	1.26	1.18	1.26	1.15	1.31	1.29	1.11	1.26	1.21	1.36
										34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
										1.14	0.906	0.951	0.894	0.693	0.846	0.935	0.867	0.894	0.796	0.823	0.963	0.786	0.745	0.786	0.863	0.842
										51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
										1.02	0.868	1.06	1.08	1.12	1.36	1.11	0.976	0.886	0.793	0.871	0.846	0.751	0.879	0.659	0.641	0.712
										67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83
										0.812	0.914	0.675	0.851	1.35	1.26	1.27	1.23	1.22	1.12	1.26	1.13	1.14	1.10	1.03	0.945	1.27
										83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99
										1.26	1.13	1.17	1.32	1.21	1.24	1.30	1.15	1.33	1.27	1.17	1.26	1.25	1.13	0.846	0.978	1.27
										99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115
										1.22	1.14	1.16	1.13	1.25	1.27	1.21	1.23	0.732	0.863	0.943	1.02	0.871	0.951	0.692	0.989	0.794
										115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131
										0.856	0.841	0.836	0.942	0.603	0.746	0.863	0.723	0.852	0.911	0.869	0.796	0.749	0.826	0.951	0.845	0.716
										131	132	133	134	135	136	137	138	139	140	141	142	143				
										0.684	0.762	0.715	0.961	0.875	0.748	0.596	0.686	0.752	0.863	0.952	0.426	0.406				

Head - UAT

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 2-UAT	20M/QPSK	18900	1880	1	0	Left Tilted	0mm	0.685	0.942	0.903	0.869	0.896	0.655	0.514	0.503

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 5-UAT	10M/QPSK	20525	836.5	1	0	Left Cheek	0mm	0.610	0.753	0.397	0.435	0.469	0.549	0.727	0.636

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 66-UAT	20M/QPSK	132322	1745	1	0	Left Tilted	0mm	0.672	0.939	0.545	0.526	0.558	0.627	0.896	0.912

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 n2	20M/QPSK	380000	1900	50	28	Left Tilted	0mm	0.920	1.65	1.16	1.17	1.24	1.58	1.52	1.49

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N5	20M/QPSK	167300	836.5	50	28	Left Cheek	0mm	0.657	0.872	0.807	0.814	0.817	0.736	0.821	0.836

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N66	20M/QPSK	354000	1770	1	1	Left Tilted	0mm	0.842	1.54	1.17	1.28	1.18	1.47	1.49	1.14

Body worn - UAT															
Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 5-UAT	10M/QPSK	20525	836.5	1	0	Top Side	5mm	0.371	0.499	0.463	0.418	0.457	0.438	0.459	0.452

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 66-UAT	20M/QPSK	132322	1745	1	0	Top Side	5mm	0.563	0.743	0.534	0.679	0.563	0.271	0.270	0.271

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 n5	20M/QPSK	167300	836.5	1	1	Top Side	5mm	0.408	0.752	0.276	0.457	0.736	0.359	0.475	0.354
