

Full Power

Band	GSM850				GSM1900			
Channel	128	189	251	Max. Tune-up Power (dBm)	512	661	810	Max. Tune-up Power (dBm)
Frequency (MHz)	824.2	836.4	848.8		1850.2	1880	1909.8	
GSM	32.96	32.91	32.99	34.50	30.04	29.93	29.92	31.50
GPRS 1Tx Slot	32.97	32.87	33.01	34.50	29.84	29.97	30.09	31.50
GPRS 2Tx Slot	30.43	30.16	30.38	32.00	27.89	27.83	28.08	29.50
GPRS 3Tx Slot	29.23	29.08	29.26	31.00	26.79	26.76	26.93	28.50
GPRS 4Tx Slot	28.05	28.01	28.06	30.00	25.62	25.54	25.84	27.50
EDGE 1Tx Slot	27.09	26.76	26.75	28.50	25.64	25.76	25.97	27.50
EDGE 2Tx Slot	24.02	23.68	23.70	25.50	24.16	24.22	24.45	25.50
EDGE 3Tx Slot	22.31	22.06	22.12	24.00	23.07	23.12	23.37	24.50
EDGE 4Tx Slot	21.94	21.67	21.78	23.50	21.78	21.76	21.88	22.50

Source-Based Time-Averaged Power								
Band	GSM850			Max. Tune-up Power (dBm)	GSM1900			Max. Tune-up Power (dBm)
Channel	128	189	251		512	661	810	
GSM	23.96	23.91	23.99	25.50	21.04	20.93	20.92	22.50
GPRS 1Tx Slot	23.97	23.87	24.01	25.50	20.84	20.97	21.09	22.50
GPRS 2Tx Slot	24.43	24.16	24.38	26.00	21.89	21.83	22.08	23.50
GPRS 3Tx Slot	24.97	24.82	25.00	26.74	22.53	22.50	22.67	24.24
GPRS 4Tx Slot	25.05	25.01	25.06	27.00	22.62	22.54	22.84	24.50
EDGE 1Tx Slot	18.09	17.76	17.75	19.50	16.64	16.76	16.97	18.50
EDGE 2Tx Slot	18.02	17.68	17.70	19.50	18.16	18.22	18.45	19.50
EDGE 3Tx Slot	18.05	17.80	17.86	19.74	18.81	18.86	19.11	20.24
EDGE 4Tx Slot	18.94	18.67	18.78	20.50	18.78	18.76	18.88	19.50

Band	WCDMA II			WCDMA II Max. Tune-up Power (dBm)	WCDMA V			WCDMA V Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538		4132	4182	4233	
Rx Channel	9662	9800	9938	Max. Tune-up Power (dBm)	4357	4407	4458	Max. Tune-up Power (dBm)
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6	
RMC 12.2K	23.56	23.52	23.69	25.50	23.76	23.86	23.75	25.50
HSDPA Subtest-1	22.63	22.52	22.66	24.00	22.53	22.44	22.56	24.00
HSDPA Subtest-2	22.61	22.56	22.57	24.00	22.60	22.50	22.63	24.00
HSDPA Subtest-3	22.23	22.00	22.15	23.50	22.19	22.03	22.19	23.50
HSDPA Subtest-4	22.20	22.04	22.19	23.50	22.17	21.97	22.09	23.50
DC-HSDPA Subtest-1	22.40	22.40	22.47	24.00	22.54	22.38	22.48	24.00
DC-HSDPA Subtest-2	22.47	22.50	22.53	24.00	22.46	22.58	22.59	24.00
DC-HSDPA Subtest-3	22.14	21.91	21.95	23.50	22.15	21.80	22.05	23.50
DC-HSDPA Subtest-4	22.22	21.90	22.09	23.50	22.21	21.94	22.11	23.50
HSUPA Subtest-1	22.56	22.39	22.55	24.00	22.51	22.43	22.54	24.00
HSUPA Subtest-2	21.63	21.52	21.51	22.50	21.60	21.48	21.60	22.50
HSUPA Subtest-3	22.13	21.90	21.92	23.50	22.12	21.93	21.99	23.50
HSUPA Subtest-4	21.58	21.50	21.50	22.50	21.62	21.38	21.53	22.50
HSUPA Subtest-5	22.63	22.50	22.52	24.00	22.64	22.47	22.59	24.00

LTE Band 2									
BW	Modulation	RB Size	RB Offset	Mid	High	3GPP	Max. Time-up (dBm)	MPE	Max. Time-up (dBm)
		Channel		15700	15800	15900			
		Frequency (MHz)	1580	1580	1580	1580			
20M	QPSK	1	0	23.28	23.29	23.36	0	25	
		1	0	23.42	23.46	23.52	0	24	
		1	99	23.01	23.08	23.02	0	25	
		50	0	22.41	22.56	22.49	1	24	
		50	25	22.56	22.62	22.56	1	24	
		50	50	22.33	22.30	22.38	1	24	
		100	0	22.42	22.46	22.44	1	24	
		1	0	22.44	22.48	22.46	1	24	
		1	50	22.76	22.78	22.74	1	24	
		1	99	22.35	22.43	22.23	1	24	
20M	16QAM	50	0	21.38	21.48	21.42	2	23	
		50	25	21.56	21.58	21.55	2	23	
		50	50	21.35	21.45	21.37	2	23	
		100	0	21.36	21.43	21.50	2	23	
		1	0	21.24	21.35	21.32	2	23	
		1	50	21.58	21.46	21.56	2	23	
		1	99	21.12	21.19	21.14	2	23	
		50	0	20.37	20.48	20.43	3	22	
		50	25	20.48	20.47	20.58	3	22	
		50	50	20.34	20.35	20.43	3	22	
20M	64QAM	100	0	20.41	20.36	20.45	3	22	
		1	0	20.41	20.36	20.45	3	22	
5M	QPSK	Channel		15805	15800	15805	3GPP MPE (dBm)	Max. Time-up (dBm)	
		Frequency (MHz)	15805	15800	15805	15805			
		1	37	23.43	23.39	23.34	0	25	
		1	74	23.03	23.05	23.11	0	25	
		36	0	22.28	22.42	22.48	1	24	
		36	36	22.61	22.61	22.61	1	24	
		36	36	22.29	22.24	22.31	1	24	
		75	0	22.32	22.42	22.35	1	24	
		1	0	22.38	22.46	22.34	1	24	
		1	37	22.66	22.77	22.69	1	24	
15M	16QAM	1	74	22.25	22.29	22.22	1	24	
		36	0	21.34	21.48	21.30	2	23	
		36	36	21.43	21.43	21.53	2	23	
		36	36	21.25	21.31	21.32	2	23	
		75	0	21.22	21.32	21.45	2	23	
		1	0	21.22	21.30	21.17	2	23	
		1	37	21.46	21.46	21.50	2	23	
		1	74	21.02	21.18	21.13	2	23	
		36	0	20.24	20.43	20.42	3	22	
		36	36	20.34	20.35	20.53	3	22	
15M	64QAM	36	36	20.33	20.22	20.32	3	22	
		75	0	20.30	20.22	20.36	3	22	
5M	QPSK	Channel		15805	15800	15805	3GPP MPE (dBm)	Max. Time-up (dBm)	
		Frequency (MHz)	15805	15800	15805	15805			
		1	0	23.21	23.15	23.25	0	25	
		1	24	23.33	23.52	23.38	0	25	
		1	48	23.05	23.14	23.07	0	25	
		25	0	22.40	22.63	22.40	1	24	
		25	12	22.43	22.47	22.47	1	24	
		25	25	22.23	22.38	22.31	1	24	
		50	0	22.38	22.36	22.33	1	24	
		1	0	22.38	22.34	22.37	1	24	
10M	16QAM	1	24	22.69	22.65	22.66	1	24	
		1	48	22.25	22.37	22.13	1	24	
		25	0	21.36	21.37	21.27	2	23	
		25	12	21.44	21.56	21.47	2	23	
		25	25	21.19	21.33	21.31	2	23	
		50	0	21.28	21.41	21.37	2	23	
		1	0	21.23	21.28	21.25	2	23	
		1	24	21.45	21.34	21.44	2	23	
		1	48	21.07	21.13	21.07	2	23	
		25	0	20.29	20.45	20.31	3	22	
10M	64QAM	25	12	20.38	20.39	20.57	3	22	
		25	25	20.23	20.29	20.34	3	22	
		50	0	20.32	20.34	20.32	3	22	
5M	QPSK	Channel		15805	15800	15805	3GPP MPE (dBm)	Max. Time-up (dBm)	
		Frequency (MHz)	15805	15800	15805	15805			
		1	0	23.16	23.23	23.21	0	25	
		1	12	23.36	23.48	23.36	0	25	
		1	24	23.07	23.16	23.09	0	25	
		12	0	22.38	22.49	22.36	1	24	
		12	6	22.45	22.45	22.44	1	24	
		12	13	22.23	22.27	22.34	1	24	
		25	0	22.38	22.33	22.36	1	24	
		1	0	22.41	22.33	22.37	1	24	
5M	16QAM	1	12	22.75	22.65	22.72	1	24	
		1	24	22.28	22.39	22.14	1	24	
		12	0	21.26	21.33	21.36	2	23	
		12	6	21.49	21.45	21.53	2	23	
		12	13	21.28	21.37	21.35	2	23	
		25	0	21.33	21.41	21.38	2	23	
		1	0	21.14	21.34	21.21	2	23	
		1	12	21.56	21.45	21.46	2	23	
		1	24	21.06	21.07	21.13	2	23	
		12	0	20.29	20.37	20.38	3	22	
5M	64QAM	12	6	20.46	20.39	20.52	3	22	
		12	13	20.19	20.31	20.36	3	22	
		25	0	20.37	20.35	20.36	3	22	
5M	QPSK	Channel		15805	15800	15805	3GPP MPE (dBm)	Max. Time-up (dBm)	
		Frequency (MHz)	15805	15800	15805	15805			
		1	0	23.13	23.27	23.43	0	25	
		1	7	23.35	23.42	23.36	0	25	
		1	14	23.04	23.07	23.11	0	25	
		8	0	22.31	22.49	22.36	0	25	
		8	3	22.61	22.33	22.46	1	24	
		8	7	22.28	22.31	22.31	1	24	
		15	0	22.34	22.38	22.36	1	24	
		1	0	22.34	22.33	22.34	1	24	
3M	16QAM	1	7	22.63	22.75	22.60	1	24	
		1	14	22.32	22.38	22.11	1	24	
		8	0	21.31	21.39	21.39	2	23	
		8	3	21.51	21.56	21.46	2	23	
		8	7	21.27	21.35	21.35	2	23	
		15	0	21.34	21.42	21.48	2	23	
		1	0	21.12	21.28	21.25	2	23	
		1	7	21.52	21.38	21.43	2	23	
		1	14	21.07	21.05	21.06	2	23	
		8	0	20.34	20.46	20.36	3	22	
3M	64QAM	8	3	20.42	20.39	20.53	3	22	
		8	7	20.22	20.30	20.30	3	22	
		15	0	20.28	20.35	20.35	3	22	
5M	QPSK	Channel		15807	15800	15803	3GPP MPE (dBm)	Max. Time-up (dBm)	
		Frequency (MHz)	15807	15800	15803	15803			
		1	0	23.24	23.21	23.23	0	25	
		1	2	23.41	23.61	23.36	0	25	
		1	5	23.08	23.01	23.04	0	25	
		3	0	23.02	23.10	23.04	0	25	
		3	1	23.12	23.15	23.26	0	25	
		3	3	23.13	23.09	23.11	0	25	
		6	0	22.37	22.45	22.32	1	24	
		1	0	22.38	22.42	22.39	1	24	
1.4M	16QAM	1	2	22.67	22.74	22.61	1	24	
		1	5	22.28	22.33	22.11	1	24	
		3	0	22.24	22.38	22.34	1	24	
		3	1	22.52	22.41	22.49	1	24	
		3	3	22.18	22.33	22.20	1	24	
		6	0	21.25	21.39	21.37	2	23	
		1	0	21.17	21.27	21.22	2	23	
		1	2	21.46	21.40	21.50	2	23	
		1	5	21.14	21.07	21.12	2	23	
		3	0	21.22	21.23	21.14	2	23	
1.4M	64QAM	3	1	21.30	21.28	21.42	2	23	
		3	3	21.12	21.16	21.25	2	23	
		6	0	20.26	20.21	20.33	3	22	

LTE Band 4											
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP MPE (dB)	Max. Time-up (dBm)	MPE (dB)		
		Channel		1710	1715	1720					
20M	QPSK	1	0	23.10	23.08	23.07	0	25	1	24	
		1	50	23.17	23.19	23.20	0	25	1	24	
		1	99	23.21	23.23	23.24	0	25	1	24	
		50	0	23.24	23.22	23.20	1	24	1	24	
		50	25	23.27	23.24	23.20	1	24	1	24	
	16QAM	50	50	22.30	22.35	22.40	1	24	1	24	
		100	0	22.23	22.26	22.27	1	24	1	24	
		1	0	22.43	22.29	22.26	1	24	1	24	
		1	80	22.82	22.97	22.75	1	24	1	24	
		1	99	22.47	22.48	22.81	1	24	1	24	
64QAM	50	50	21.31	21.35	21.24	2	23	1	24		
	50	25	21.37	21.26	21.26	2	23	1	24		
	50	50	21.32	21.32	21.39	2	23	1	24		
	100	0	21.24	21.28	21.25	2	23	1	24		
	1	0	21.46	21.45	21.56	2	23	1	24		
	1	50	21.56	21.55	21.24	2	23	1	24		
	1	99	21.57	21.57	21.43	2	23	1	24		
	50	0	20.57	20.59	20.52	3	22	1	24		
	50	25	20.34	20.28	20.26	3	22	1	24		
	100	0	20.38	20.34	20.42	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.18	22.46	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1	24		
	1	0	21.38	21.36	21.67	2	23	1	24		
	1	37	21.41	21.48	21.41	2	23	1	24		
	1	74	21.42	21.43	21.41	2	23	1	24		
	64QAM	36	0	20.16	20.15	20.09	3	22	1	24	
	36	19	20.27	20.15	20.15	3	22	1	24		
20M	QPSK	Channel	1710	1715	1720	1725	1730	MPE (dB)	Max. Time-up (dBm)	MPE (dB)	
		1	0	23.07	23.09	23.09	23.03	0	25	1	24
		1	37	23.07	23.15	23.19	23.07	0	25	1	24
		1	74	23.10	23.18	23.23	23.29	0	25	1	24
		36	0	22.15	22.12	22.08	21	24	1	24	
	16QAM	36	19	22.16	22.30	22.23	21	24	1	24	
		36	38	22.19	22.31	22.36	21	24	1	24	
		75	0	22.09	22.17	22.22	21	24	1	24	
		1	0	22.43	22.21	22.37	21	24	1	24	
		1	37	22.47	22.44	22.67	21	24	1	24	
64QAM	36	14	22.46	22.46	22.62	21	24	1	24		
	16QAM	36	0	21.22	21.79	21.19	2	23	1	24	
	36	19	21.31	21.22	21.21	2	23	1	24		
	36	38	21.33	21.18	21.31	2	23	1	24		
	75	0	21.31	21.34	21.26	2	23	1</			

LTE Band 12									
BW	MCS Index	RB Size	RB Offset	Low	Mid	High	3GPP	Max.	Max. Time-up
		Channel	Frequency (MHz)	734	735	711	MPE (dB)	Time-up (dBm)	
10M	QPSK	1	0	24.22	24.23	24.24	0	25.5	
		1	24	24.02	24.12	24.03	0	25.5	
		1	49	24.01	24.08	24.21	0	25.5	
		25	0	23.12	23.18	23.23	1	24.5	
		25	12	23.09	23.10	23.10	1	24.5	
		25	25	23.06	23.07	23.12	1	24.5	
		50	0	23.04	23.03	23.10	1	24.5	
		1	0	23.41	23.45	23.56	1	24.5	
		1	24	23.27	23.24	23.41	1	24.5	
		1	49	23.26	23.25	23.53	1	24.5	
10M	16QAM	25	0	22.06	22.16	22.19	2	23.5	
		25	12	22.03	22.05	22.17	2	23.5	
		25	25	21.98	22.03	22.08	2	23.5	
		50	0	21.99	22.02	22.19	2	23.5	
		1	0	22.29	22.36	22.36	2	23.5	
		1	24	22.09	22.18	22.26	2	23.5	
		1	49	22.18	22.23	22.43	2	23.5	
		25	0	21.03	21.07	21.12	3	22.5	
		25	12	21.09	21.03	21.20	3	22.5	
		25	25	20.95	21.07	21.16	3	22.5	
10M	64QAM	50	0	20.99	20.93	21.20	3	22.5	
		Channel	23055	23095	23155	23155	3GPP MPE	Max. Time-up	
		Frequency (MHz)	734.5	737.5	735.5	735.5	MPE	Time-up	
		1	0	24.19	24.21	24.20	0	25.5	
		1	12	24.01	24.02	23.98	0	25.5	
		1	24	23.97	24.01	24.18	0	25.5	
		12	0	22.98	23.14	23.12	1	24.5	
		12	6	23.05	23.08	22.97	1	24.5	
		12	13	23.04	22.93	23.09	1	24.5	
		25	0	22.91	22.95	22.96	1	24.5	
10M	16QAM	1	0	23.39	23.32	23.43	1	24.5	
		1	12	23.24	23.23	23.32	1	24.5	
		1	24	23.23	23.13	23.38	1	24.5	
		12	0	21.94	22.10	22.15	2	23.5	
		12	6	21.95	21.95	22.03	2	23.5	
		12	13	21.85	21.91	21.96	2	23.5	
		25	0	21.93	21.89	22.12	2	23.5	
		1	0	22.14	22.21	22.16	2	23.5	
		1	12	21.94	22.12	22.16	2	23.5	
		1	24	22.13	22.17	22.29	2	23.5	
10M	64QAM	12	0	20.92	21.01	21.05	3	22.5	
		12	6	21.01	20.99	21.05	3	22.5	
		12	13	20.84	20.94	21.01	3	22.5	
		25	0	20.86	20.89	21.11	3	22.5	
		Channel	23065	23095	23145	23145	3GPP MPE	Max. Time-up	
		Frequency (MHz)	736.5	737.5	734.5	734.5	MPE	Time-up	
		1	0	24.19	24.12	24.13	0	25.5	
		1	7	23.88	24.07	23.89	0	25.5	
		1	14	23.99	23.95	24.15	0	25.5	
		8	0	22.98	23.12	23.11	1	24.5	
10M	16QAM	8	3	23.01	23.06	23.00	1	24.5	
		8	7	22.92	23.06	23.10	1	24.5	
		15	0	22.96	22.98	22.99	1	24.5	
		1	0	23.28	23.43	23.55	1	24.5	
		1	7	23.20	23.11	23.33	1	24.5	
		1	14	23.18	23.22	23.42	1	24.5	
		8	0	21.91	22.05	22.14	2	23.5	
		8	3	21.99	21.98	22.09	2	23.5	
		8	7	21.89	21.93	21.94	2	23.5	
		15	0	21.90	21.95	22.04	2	23.5	
10M	64QAM	1	0	22.23	22.33	22.31	2	23.5	
		1	7	22.05	22.03	22.25	2	23.5	
		1	14	22.10	22.12	22.41	2	23.5	
		8	0	20.89	20.99	20.99	3	22.5	
		8	3	20.94	20.94	21.08	3	22.5	
		8	7	20.92	20.98	21.06	3	22.5	
		15	0	20.88	20.97	21.05	3	22.5	
		Channel	23075	23095	23175	23175	3GPP MPE	Max. Time-up	
		Frequency (MHz)	699.7	707.5	715.3	715.3	MPE	Time-up	
		1	0	24.14	24.02	24.12	0	25.5	
10M	QPSK	1	2	23.41	23.98	23.60	0	25.5	
		1	5	23.66	23.79	24.03	0	25.5	
		3	0	23.93	23.96	24.02	0	25.5	
		3	1	23.91	23.96	23.81	0	25.5	
		3	3	23.79	23.99	24.02	0	25.5	
		6	0	22.93	22.90	22.94	1	24.5	
		1	0	23.27	23.40	23.53	1	24.5	
		1	2	23.07	23.06	23.21	1	24.5	
		1	5	23.05	23.20	23.36	1	24.5	
		3	0	23.06	23.28	23.38	1	24.5	
10M	16QAM	3	1	23.20	23.19	23.26	1	24.5	
		3	3	22.98	23.18	23.08	1	24.5	
		6	0	21.81	21.81	21.86	2	23.5	
		1	0	22.10	22.20	22.20	2	23.5	
		1	2	21.96	21.88	22.10	2	23.5	
		1	5	21.96	22.07	22.28	2	23.5	
		3	0	21.83	21.86	21.85	2	23.5	
		3	1	21.89	21.82	22.05	2	23.5	
		3	3	21.81	21.95	21.91	2	23.5	
		6	0	20.82	20.73	21.05	3	22.5	

LTE Band 13									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3GPP	Max.	Max. Time-up
		Channel	Frequency (MHz)	732	732	732	MPE (dB)	Time-up (dBm)	
10M	QPSK	1	0	24.05	24.02	24.05	0	25.5	
		1	24	24.02	24.02	24.02	0	25.5	
		1	49	24.06	24.06	24.06	0	25.5	
		25	0	23.14	23.11	23.14	1	24.5	
		25	12	23.11	23.11	23.11	1	24.5	
		25	25	23.10	23.10	23.10	1	24.5	
		50	0	23.10	23.10	23.10	1	24.5	
		1	0	23.28	23.28	23.28	1	24.5	
		1	24	23.14	23.14	23.14	1	24.5	
		1	49	23.28	23.28	23.28	1	24.5	
10M	16QAM	25	0	22.14	22.14	22.14	2	23.5	
		25	12	22.05	22.05	22.05	2	23.5	
		25	25	22.10	22.10	22.10	2	23.5	
		50	0	22.10	22.10	22.10	2	23.5	
		1	0	22.34	22.34	22.34	2	23.5	
		1	24	22.15	22.15	22.15	2	23.5	
		1	49	22.15	22.15	22.15	2	23.5	
		25	0	21.15	21.15	21.15	3	22.5	
		25	12	21.07	21.07	21.07	3	22.5	
		25	25	21.04	21.04	21.04	3	22.5	
10M	64QAM	50	0	21.20	21.20	21.20	3	22.5	
		Channel	23205	23205	23205	23205	3GPP MPE	Max. Time-up	
		Frequency (MHz)	739.5	742	744.5	744.5	MPE	Time-up	
		1	0	23.59	24.01	24.52	0	25.5	
		1	12	23.56	23.98	23.99	0	25.5	
		1	24	23.92	23.99	23.98	0	25.5	
		12	0	23.08	22.85	23.16	1	24.5	
		12	6	22.97	23.07	23.19	1	24.5	
		12	13	22.96	23.10	23.02	1	24.5	
		25	0	23.01	23.09	23.04	1	24.5	
10M	16QAM	1	0	23.21	23.13	23.31	1	24.5	
		1	12	23.03	23.17	23.24	1	24.5	
		1	24	23.01	23.19	23.17	1	24.5	
		12	0	21.93	21.97	22.13	2	23.5	
		12	6	21.97	22.06	22.05	2	23.5	
		12	13	22.01	22.12	22.02	2	23.5	
		25	0	22.04	22.05	22.13	2	23.5	
		1	0	22.08	22.10	22.08	2	23.5	
		1	12	22.05	22.04	22.12	2	23.5	
		1	24	22.07	22.11	22.08	2	23.5	
10M	64QAM	12	0	21.08	21.04	21.10	3	22.5	
		12	6	21.04	21.09	21.15	3	22.5	
		12	13	20.99	21.07	21.03	3	22.5	
		25	0	21.05	21.08	21.07	3	22.5	

LTE Band 66									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	3DPR	NPR	Max. Turn-on (dB)
		Channel	13212	13232	13272				
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	50	23.21	23.26	23.18	0	25	25
		1	99	23.39	23.45	23.36	0	25	25
		50	25	23.32	23.37	23.29	1	24	24
		50	25	22.32	22.37	22.28	1	24	24
		50	50	22.35	22.37	22.34	1	24	24
		100	0	22.23	22.26	22.18	1	24	24
		1	0	22.23	22.29	22.26	1	24	24
		1	50	22.47	22.68	22.67	1	24	24
		1	99	22.64	22.77	22.75	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		50	25	23.25	23.36	23.32	2	23	23
		50	50	23.24	23.32	23.23	2	23	23
		100	0	23.16	23.22	23.14	2	23	23
		1	50	23.17	23.37	23.36	2	23	23
		1	99	23.67	23.69	23.62	2	23	23
		50	25	23.30	23.36	23.33	3	22	22
		50	50	20.24	20.32	20.26	3	22	22
		100	0	20.15	20.25	20.16	3	22	22
		QPSK	10M	1	0	23.13	23.09	23.12	0
1	37			23.15	23.13	23.06	0	25	25
1	74			23.32	23.39	23.32	0	25	25
36	0			22.08	22.09	22.03	1	24	24
36	19			22.18	22.17	22.21	1	24	24
36	36			22.33	22.32	22.18	1	24	24
36	50			22.29	22.31	22.13	1	24	24
1	0			22.21	22.26	22.23	1	24	24
1	37			22.37	22.58	22.49	1	24	24
1	74			22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34	23.39	23.31	2	23	23
		36	0	20.15	20.10	20.05	3	22	22
		36	19	20.20	20.15	20.24	3	22	22
		36	36	20.16	20.18	20.22	3	22	22
QPSK	10M	1	0	23.13	23.09	23.12	0	25	25
		1	37	23.15	23.13	23.06	0	25	25
		1	74	23.32	23.39	23.32	0	25	25
		36	0	22.08	22.09	22.03	1	24	24
		36	19	22.18	22.17	22.21	1	24	24
		36	36	22.33	22.32	22.18	1	24	24
		36	50	22.29	22.31	22.13	1	24	24
		1	0	22.21	22.26	22.23	1	24	24
		1	37	22.37	22.58	22.49	1	24	24
		1	74	22.52	22.65	22.61	1	24	24
16QAM	10M	1	0	23.13	23.09	23.12	2	23	23
		36	19	23.16	23.31	23.28	2	23	23
		36	36	23.16	23.30	23.28	2	23	23
		36	50	23.19	23.32	23.30	2	23	23
		1	0	23.05	23.10	23.02	2	23	23
		1	37	23.14	23.25	23.30	2	23	23
		1	74	23.34					

Reduce Power

DSI-2 Power				
Band	GSM1900 DSI-2			Max. Tune-up Power (dBm)
Channel	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	
GSM	28.89	28.91	29.12	30.00
GPRS 1Tx Slot	29.08	29.07	29.24	30.00
GPRS 2Tx Slot	25.97	25.88	26.26	27.00
GPRS 3Tx Slot	24.08	24.01	24.36	25.50
GPRS 4Tx Slot	22.87	22.72	23.10	24.50
EDGE 1Tx Slot	25.95	26.01	26.04	27.00
EDGE 2Tx Slot	23.81	23.86	23.96	25.00
EDGE 3Tx Slot	21.78	21.98	22.12	23.00
EDGE 4Tx Slot	20.69	20.73	20.82	22.00

Source-Based Time-Averaged Power				
Band	GSM1900			Max. Tune-up Power (dBm)
Channel	512	661	810	
GSM	19.89	19.91	20.12	21.00
GPRS 1Tx Slot	20.08	20.07	20.24	21.00
GPRS 2Tx Slot	19.97	19.88	20.26	21.00
GPRS 3Tx Slot	19.82	19.75	20.10	21.24
GPRS 4Tx Slot	19.87	19.72	20.10	21.50
EDGE 1Tx Slot	16.95	17.01	17.04	18.00
EDGE 2Tx Slot	17.81	17.86	17.96	19.00
EDGE 3Tx Slot	17.52	17.72	17.86	18.74
EDGE 4Tx Slot	17.69	17.73	17.82	19.00

Band	WCDMA II DSI-2		WCDMA II	Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
RMC 12.2K	20.04	19.96	20.07	21.00
HSDPA Subtest-1	19.07	18.88	19.08	20.00
HSDPA Subtest-2	19.05	19.05	19.06	20.00
HSDPA Subtest-3	18.68	18.35	18.63	19.50
HSDPA Subtest-4	18.67	18.51	18.68	19.50
DC-HSDPA Subtest-1	18.88	18.89	18.84	20.00
DC-HSDPA Subtest-2	18.85	18.95	18.89	20.00
DC-HSDPA Subtest-3	18.62	18.36	18.42	19.50
DC-HSDPA Subtest-4	18.62	18.31	18.47	19.50
HSUPA Subtest-1	18.91	18.78	19.00	20.00
HSUPA Subtest-2	18.08	17.90	17.93	18.50
HSUPA Subtest-3	18.61	18.39	18.29	19.50
HSUPA Subtest-4	17.95	17.98	17.99	18.50
HSUPA Subtest-5	19.09	18.91	18.92	20.00

DSI-3 Power				
Band	GSM1900 DSI-3			Max. Tune-up Power (dBm)
Channel	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	
GSM	25.85	25.96	25.87	27.00
GPRS 1Tx Slot	25.98	25.93	25.88	27.00
GPRS 2Tx Slot	22.95	22.89	23.03	24.00
GPRS 3Tx Slot	21.00	21.07	21.22	22.50
GPRS 4Tx Slot	20.16	20.09	20.25	22.00
EDGE 1Tx Slot	26.50	26.13	26.17	27.50
EDGE 2Tx Slot	23.96	24.07	24.06	24.50
EDGE 3Tx Slot	22.04	22.10	22.05	23.00
EDGE 4Tx Slot	20.64	20.67	20.78	21.50

Source-Based Time-Averaged Power				
Band	GSM1900			Max. Tune-up Power (dBm)
Channel	512	661	810	
GSM	16.85	16.96	16.87	18.00
GPRS 1Tx Slot	16.98	16.93	16.88	18.00
GPRS 2Tx Slot	16.95	16.89	17.03	18.00
GPRS 3Tx Slot	16.74	16.81	16.96	18.24
GPRS 4Tx Slot	17.16	17.09	17.25	19.00
EDGE 1Tx Slot	17.50	17.13	17.17	18.50
EDGE 2Tx Slot	17.96	18.07	18.06	18.50
EDGE 3Tx Slot	17.78	17.84	17.79	18.74
EDGE 4Tx Slot	17.64	17.67	17.78	18.50

Band	WCDMA II DSI-3		WCDMA II	Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
RMC 12.2K	17.85	17.67	17.88	19.00
HSDPA Subtest-1	16.79	16.56	16.78	18.00
HSDPA Subtest-2	16.74	16.72	16.73	18.00
HSDPA Subtest-3	16.47	16.14	16.31	17.50
HSDPA Subtest-4	16.41	16.27	16.46	17.50
DC-HSDPA Subtest-1	16.67	16.62	16.49	18.00
DC-HSDPA Subtest-2	16.64	16.63	16.67	18.00
DC-HSDPA Subtest-3	16.41	16.11	16.18	17.50
DC-HSDPA Subtest-4	16.35	16.00	16.14	17.50
HSUPA Subtest-1	16.62	16.43	16.71	18.00
HSUPA Subtest-2	15.73	15.60	15.61	16.50
HSUPA Subtest-3	16.26	16.08	16.01	17.50
HSUPA Subtest-4	15.74	15.63	15.66	16.50
HSUPA Subtest-5	16.82	16.56	16.60	18.00

DSI-4 Power				
Band	GSM1900 DSI-4			Max. Tune-up Power (dBm)
Channel	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	
GSM	26.97	26.99	27.26	28.00
GPRS 1Tx Slot	26.94	27.23	27.33	28.00
GPRS 2Tx Slot	23.99	24.28	24.20	25.00
GPRS 3Tx Slot	22.08	22.18	22.33	23.50
GPRS 4Tx Slot	20.75	20.86	21.05	22.50
EDGE 1Tx Slot	25.99	25.92	26.01	27.00
EDGE 2Tx Slot	23.92	24.02	24.04	25.00
EDGE 3Tx Slot	21.91	22.11	21.97	23.00
EDGE 4Tx Slot	20.70	20.84	20.89	22.00

Source-Based Time-Averaged Power				
Band	GSM1900			Max. Tune-up Power (dBm)
Channel	512	661	810	
GSM	17.97	17.99	18.26	19.00
GPRS 1Tx Slot	17.94	18.23	18.33	19.00
GPRS 2Tx Slot	17.99	18.28	18.20	19.00
GPRS 3Tx Slot	17.82	17.92	18.07	19.24
GPRS 4Tx Slot	17.75	17.86	18.05	19.50
EDGE 1Tx Slot	16.99	16.92	17.01	18.00
EDGE 2Tx Slot	17.92	18.02	18.04	19.00
EDGE 3Tx Slot	17.65	17.85	17.71	18.74
EDGE 4Tx Slot	17.70	17.84	17.89	19.00

Band	WCDMA II DSI-4		WCDMA II	Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
RMC 12.2K	19.00	18.87	19.03	20.00
HSDPA Subtest-1	17.86	17.67	17.93	19.00
HSDPA Subtest-2	17.81	17.90	17.80	19.00
HSDPA Subtest-3	17.53	17.29	17.41	18.50
HSDPA Subtest-4	17.51	17.34	17.65	18.50
DC-HSDPA Subtest-1	17.79	17.77	17.60	19.00
DC-HSDPA Subtest-2	17.69	17.82	17.74	19.00
DC-HSDPA Subtest-3	17.60	17.26	17.34	18.50
DC-HSDPA Subtest-4	17.43	17.07	17.25	18.50
HSUPA Subtest-1	17.73	17.52	17.88	19.00
HSUPA Subtest-2	16.88	16.68	16.80	17.50
HSUPA Subtest-3	17.43	17.16	17.06	18.50
HSUPA Subtest-4	16.82	16.74	16.76	17.50
HSUPA Subtest-5	17.93	17.62	17.69	19.00

Band	GSM1900 DSI-5			Max. Tune-up Power (dBm)
Channel	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	
GSM	28.89	28.91	29.12	30.00
GPRS 1Tx Slot	29.08	29.07	29.24	30.00
GPRS 2Tx Slot	25.97	25.88	26.26	27.00
GPRS 3Tx Slot	24.08	24.01	24.36	25.50
GPRS 4Tx Slot	22.87	22.72	23.10	24.50
EDGE 1Tx Slot	25.95	26.01	26.04	27.00
EDGE 2Tx Slot	23.81	23.86	23.96	25.00
EDGE 3Tx Slot	21.78	21.98	22.12	23.00
EDGE 4Tx Slot	20.69	20.73	20.82	22.00

Source-Based Time-Averaged Power				
Band	GSM1900			Max. Tune-up Power (dBm)
Channel	512	661	810	
GSM	19.89	19.91	20.12	21.00
GPRS 1Tx Slot	20.08	20.07	20.24	21.00
GPRS 2Tx Slot	19.97	19.88	20.26	21.00
GPRS 3Tx Slot	19.82	19.75	20.10	21.24
GPRS 4Tx Slot	19.87	19.72	20.10	21.50
EDGE 1Tx Slot	16.95	17.01	17.04	18.00
EDGE 2Tx Slot	17.81	17.86	17.96	19.00
EDGE 3Tx Slot	17.52	17.72	17.86	18.74
EDGE 4Tx Slot	17.69	17.73	17.82	19.00

Band	WCDMA II DSI-5			Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
RMC 12.2K	20.04	19.96	20.07	21.00
HSDPA Subtest-1	19.07	18.88	19.08	20.00
HSDPA Subtest-2	19.05	19.05	19.06	20.00
HSDPA Subtest-3	18.68	18.35	18.63	19.50
HSDPA Subtest-4	18.67	18.51	18.68	19.50
DC-HSDPA Subtest-1	18.88	18.89	18.84	20.00
DC-HSDPA Subtest-2	18.85	18.95	18.89	20.00
DC-HSDPA Subtest-3	18.62	18.36	18.42	19.50
DC-HSDPA Subtest-4	18.62	18.31	18.47	19.50
HSUPA Subtest-1	18.91	18.78	19.00	20.00
HSUPA Subtest-2	18.08	17.90	17.93	18.50
HSUPA Subtest-3	18.61	18.39	18.29	19.50
HSUPA Subtest-4	17.95	17.98	17.99	18.50
HSUPA Subtest-5	19.09	18.91	18.92	20.00

Band	GSM1900 DSI-6			Max. Tune-up Power (dBm)
Channel	512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	
GSM	25.85	25.96	25.87	27.00
GPRS 1Tx Slot	25.98	25.93	25.88	27.00
GPRS 2Tx Slot	22.95	22.89	23.03	24.00
GPRS 3Tx Slot	21.00	21.07	21.22	22.50
GPRS 4Tx Slot	20.16	20.09	20.25	22.00
EDGE 1Tx Slot	26.50	26.13	26.17	27.50
EDGE 2Tx Slot	23.96	24.07	24.06	24.50
EDGE 3Tx Slot	22.04	22.10	22.05	23.00
EDGE 4Tx Slot	20.64	20.67	20.78	21.50

Source-Based Time-Averaged Power				
Band	GSM1900			Max. Tune-up Power (dBm)
Channel	512	661	810	
GSM	16.85	16.96	16.87	18.00
GPRS 1Tx Slot	16.98	16.93	16.88	18.00
GPRS 2Tx Slot	16.95	16.89	17.03	18.00
GPRS 3Tx Slot	16.74	16.81	16.96	18.24
GPRS 4Tx Slot	17.16	17.09	17.25	19.00
EDGE 1Tx Slot	17.50	17.13	17.17	18.50
EDGE 2Tx Slot	17.96	18.07	18.06	18.50
EDGE 3Tx Slot	17.78	17.84	17.79	18.74
EDGE 4Tx Slot	17.64	17.67	17.78	18.50

Band	WCDMA II DSI-6			Max. Tune-up Power (dBm)
TX Channel	9262	9400	9538	
Rx Channel	9662	9800	9938	
Frequency (MHz)	1852.4	1880	1907.6	
RMC 12.2K	17.47	17.26	17.51	18.50
HSDPA Subtest-1	16.19	16.02	16.22	17.50
HSDPA Subtest-2	16.23	16.20	16.25	17.50
HSDPA Subtest-3	15.95	15.68	15.72	17.00
HSDPA Subtest-4	15.82	15.68	16.02	17.00
DC-HSDPA Subtest-1	16.16	16.09	15.93	17.50
DC-HSDPA Subtest-2	16.00	16.29	16.12	17.50
DC-HSDPA Subtest-3	15.88	15.69	15.67	17.00
DC-HSDPA Subtest-4	15.76	15.34	15.50	17.00
HSUPA Subtest-1	16.03	15.87	16.18	17.50
HSUPA Subtest-2	15.26	15.14	15.12	16.00
HSUPA Subtest-3	15.74	15.48	15.53	17.00
HSUPA Subtest-4	15.11	15.18	15.03	16.00
HSUPA Subtest-5	16.22	16.04	16.08	17.50

LTE Band 2 DS1-2									
BW	Modulation	Channel		RB Size			RB Offset	Max Turn-up (dBm)	
		19700	19950	19950	19950	19950			
20M	QPSK	16QAM	1	0	21.87	21.49	21.99	23	
			1	50	22.02	22.10	22.07	23	
			1	99	21.59	21.41	21.62	23	
			50	0	21.40	21.32	21.42	23	
			50	25	21.44	21.58	21.54	23	
			50	50	21.41	21.22	21.49	23	
			100	0	21.42	21.49	21.40	23	
			1	0	21.29	21.17	21.45	23	
			1	50	21.51	21.64	21.52	23	
			1	99	21.23	21.17	21.13	23	
20M	16QAM	16QAM	1	0	21.02	20.98	21.10	22	
			50	25	21.13	21.07	21.25	22	
			50	50	20.89	20.87	21.11	22	
			100	0	20.99	20.95	21.15	22	
			1	0	21.28	21.09	21.23	22	
			1	50	21.46	21.32	21.43	22	
			1	99	21.27	21.05	20.94	22	
			50	0	19.96	20.01	20.12	21	
			50	25	20.14	20.07	20.25	21	
			50	50	19.91	19.84	20.11	21	
20M	64QAM	64QAM	100	0	19.94	19.95	20.13	21	
			1	0	21.28	21.09	21.23	22	
			1	50	21.46	21.32	21.43	22	
			1	99	21.27	21.05	20.94	22	
			50	0	19.96	20.01	20.12	21	
			50	25	20.14	20.07	20.25	21	
			50	50	19.91	19.84	20.11	21	
			100	0	19.94	19.95	20.13	21	
			1	0	21.28	21.09	21.23	22	
			1	50	21.46	21.32	21.43	22	
15M	QPSK	16QAM	1	0	21.79	21.37	21.95	23	
			1	37	22.00	21.98	22.06	23	
			1	74	21.53	21.38	21.58	23	
			36	0	21.29	21.21	21.29	23	
			36	19	21.29	21.51	21.47	23	
			36	39	21.40	21.08	21.44	23	
			75	0	21.37	21.41	21.38	23	
			1	0	21.15	21.02	21.33	23	
			1	37	21.46	21.50	21.46	23	
			1	74	21.13	21.03	21.09	23	
15M	16QAM	16QAM	36	0	20.96	20.96	20.99	22	
			36	19	21.12	20.99	21.19	22	
			36	39	20.81	20.84	21.08	22	
			75	0	20.93	20.89	21.10	22	
			1	0	21.18	21.08	21.19	22	
			1	37	21.33	21.27	21.29	22	
			1	74	21.20	20.98	20.93	22	
			36	0	19.95	19.96	20.02	21	
			36	19	20.08	19.97	20.17	21	
			36	39	19.76	19.80	20.00	21	
15M	64QAM	64QAM	75	0	19.88	19.92	20.09	21	
			100	0	19.92	19.96	20.10	21	
			1	0	21.74	21.47	21.85	23	
			1	24	21.88	22.02	22.02	23	
			1	49	21.45	21.35	21.52	23	
			25	0	21.38	21.23	21.31	23	
			25	12	21.30	21.52	21.39	23	
			25	25	21.34	21.21	21.38	23	
			50	0	21.41	21.35	21.28	23	
			1	0	21.27	21.07	21.41	23	
10M	QPSK	16QAM	1	0	21.61	21.48	21.48	23	
			1	49	21.15	21.16	21.03	23	
			25	0	20.88	20.96	21.01	22	
			25	12	21.00	20.97	21.18	22	
			25	25	20.78	20.72	20.99	22	
			50	0	20.93	20.92	21.09	22	
			1	0	21.19	20.95	21.17	22	
			1	24	21.41	21.26	21.29	22	
			1	49	21.24	20.99	20.89	22	
			25	0	19.95	19.94	20.04	21	
10M	16QAM	16QAM	25	12	20.97	20.92	21.19	21	
			25	25	19.83	19.77	20.09	21	
			50	0	19.86	19.93	20.08	21	
			1	0	21.27	21.07	21.41	23	
			1	24	21.20	20.98	20.93	22	
			1	49	21.15	21.16	21.03	23	
			25	0	20.88	20.96	21.01	22	
			25	12	21.00	20.97	21.18	22	
			25	25	20.78	20.72	20.99	22	
			50	0	20.93	20.93	21.09	22	
5M	QPSK	16QAM	1	0	21.79	21.48	21.98	23	
			1	12	22.01	22.01	22.04	23	
			1	24	21.52	21.34	21.53	23	
			12	0	21.31	21.25	21.27	23	
			12	6	21.29	21.46	21.42	23	
			12	13	21.33	21.09	21.34	23	
			25	0	21.29	21.36	21.32	23	
			1	0	21.26	21.02	21.35	23	
			1	12	21.47	21.52	21.49	23	
			1	24	21.10	21.08	21.00	23	
5M	16QAM	16QAM	12	0	20.93	20.83	21.04	22	
			12	6	21.09	20.96	21.22	22	
			12	13	20.86	20.80	21.06	22	
			25	0	20.95	20.80	21.06	22	
			1	0	21.14	21.02	21.10	22	
			1	12	21.42	21.26	21.31	22	
			1	24	21.26	20.94	20.93	22	
			12	0	19.91	19.86	20.09	21	
			12	6	20.10	19.94	20.15	21	
			12	13	19.84	19.75	19.97	21	
5M	64QAM	64QAM	25	0	19.86	19.87	20.02	21	
			1	0	21.77	21.44	21.88	23	
			1	7	22.01	22.05	22.05	23	
			1	14	21.57	21.37	21.50	23	
			8	0	21.35	21.28	21.39	23	
			8	3	21.38	21.46	21.46	23	
			8	7	21.31	21.18	21.40	23	
			15	0	21.38	21.37	21.32	23	
			1	0	21.15	21.10	21.32	23	
			1	7	21.46	21.54	21.40	23	
3M	QPSK	16QAM	1	14	21.10	21.08	21.03	23	
			8	0	20.99	20.96	21.02	22	
			8	3	21.12	21.02	21.10	22	
			8	7	20.80	20.79	21.04	22	
			15	0	20.92	20.91	21.01	22	
			1	0	21.20	21.08	21.18	22	
			1	7	21.40	21.19	21.33	22	
			1	14	21.12	20.98	20.90	22	
			8	0	19.87	19.83	20.03	21	
			8	3	20.10	20.01	20.19	21	
3M	16QAM	16QAM	8	7	19.79	19.72	19.96	21	
			15	0	19.80	19.92	20.01	21	
			1	0	21.20	21.08	21.18	22	
			1	7	21.40	21.19	21.33	22	
			1	14	21.12	20.98	20.90	22	
			8	0	19.87	19.83	20.03	21	
			8	3	20.10	20.01	20.19	21	
			1	0	21.27	21.07	21.18	22	
			1	2	21.40	21.17	21.35	22	
			1	5	21.25	20.95	20.93	22	
1.4M	QPSK	64QAM	3	0	20.73	20.73	20.92	22	
			3	1	20.99	20.83	21.11	21	
			3	3	20.73	20.67	20.95	22	
			6	0	19.79	19.89	20.11	21	
			1	0	21.27	21.07	21.18	22	
			1	2	21.40	21.17	21.35	22	
			1	5	21.25	20.95	20.93	22	
			3	0	20.73	20.73	20.92	22	
			3	1	20.99	20.83	21.11	21	
			3	3	20.73	20.67	20.95	22	

LTE Band 20 DS1-3									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max Turn-up (dBm)		
		Channel	Channel	19700	19900	19910			
20M	QPSK	1	0	18.79	18.45	18.57	20		
		1	50	18.82	18.89	18.68	20		
		1	99	18.59	18.34	18.21	20		
		50	0	18.28	18.30	18.31	20		
		50	25	18.36	18.68	18.37	20		
	16QAM	50	50	18.19	18.14	18.23	20		
		100	0	18.24	18.30	18.26	20		
		1	0	18.66	18.67	18.69	20		
		1	50	18.63	18.65	18.75	20		
		1	99	18.38	18.58	18.40	20		
20M	16QAM	50	0	18.29	18.38	18.38	20		
		50	25	18.40	18.47	18.43	20		
		50	50	18.21	18.24	18.25	20		
		100	0	18.25	18.31	18.22	20		
		1	0	18.48	18.38	18.62	20		
	64QAM	1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
20M	16QAM	100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
	64QAM	50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
20M	16QAM	1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
	64QAM	1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
20M	16QAM	50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
	64QAM	50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
20M	16QAM	1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
	64QAM	100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
20M	16QAM	50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
	64QAM	1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
20M	16QAM	1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
	64QAM	50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
20M	16QAM	50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
	64QAM	1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
20M	16QAM	100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
	64QAM	50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
20M	16QAM	1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
	64QAM	1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
20M	16QAM	50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
	64QAM	50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
20M	16QAM	1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
	64QAM	100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
20M	16QAM	50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
	64QAM	1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
20M	16QAM	1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
	64QAM	50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
20M	16QAM	50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
	64QAM	1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
20M	16QAM	100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
	64QAM	50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
20M	16QAM	1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
	64QAM	1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
		50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
20M	16QAM	50	50	18.20	18.22	18.35	20		
		100	0	18.24	18.29	18.45	20		
		1	0	18.48	18.38	18.62	20		
		1	50	18.63	18.68	18.67	20		
		1	99	18.27	18.31	18.22	20		
	64QAM	50	0	18.29	18.38	18.43	20		
		50	25	18.42	18.43	18.51	20		
		50	50	18.20	18.22	18.35	20		
		100	0	18.24	18				

LTE Band 2 DS1-4											
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max Time-up (dBm)				
		Channel Frequency (MHz)	1860	1880	1890	1910					
20M	QPSK	1	0	19.37	19.37	19.51	21				
		1	50	19.55	19.76	19.66	21				
		1	99	19.13	19.18	19.15	21				
		50	0	19.45	19.51	19.63	21				
		50	25	19.51	19.64	19.61	21				
	16QAM	50	50	19.28	19.36	19.56	21				
		100	0	19.31	19.65	19.53	21				
		64QAM	1	0	19.21	19.35	19.46	21			
			1	50	19.43	19.61	19.67	21			
			1	99	19.45	19.38	19.68	21			
50	0		19.38	19.62	19.58	21					
50	25		19.51	19.67	19.72	21					
15M	16QAM	50	50	19.29	19.45	19.59	21				
		100	0	19.38	19.52	19.61	21				
		64QAM	1	0	19.52	19.55	19.51	21			
			1	50	19.57	19.48	19.64	21			
			1	99	19.03	19.53	19.38	21			
	50		0	19.48	19.59	19.60	21				
	50		25	19.60	19.65	19.71	21				
	50	50	19.39	19.41	19.58	21					
	100	0	19.44	19.51	19.61	21					
	BW	Modulation	Channel Frequency (MHz)	1860	1880	1890	1910	Max Time-up (dBm)			
20M	QPSK	1	0	19.27	19.23	19.42	21				
		1	37	19.47	19.61	19.61	21				
		1	74	19.07	19.17	19.05	21				
		36	0	19.37	19.47	19.48	21				
		36	19	19.63	19.67	19.54	21				
	16QAM	36	39	19.17	19.33	19.53	21				
		75	0	19.20	19.58	19.47	21				
		64QAM	1	0	19.07	19.32	19.34	21			
			1	37	19.35	19.58	19.63	21			
			1	74	19.34	19.33	19.54	21			
36	0		19.26	19.55	19.57	21					
36	19		19.40	19.62	19.66	21					
36	39	19.26	19.30	19.58	21						
75	0	19.23	19.48	19.56	21						
1	0	19.45	19.53	19.39	21						
1	37	19.43	19.36	19.59	21						
1	74	19.49	19.48	19.26	21						
15M	16QAM	36	0	19.37	19.58	19.59	21				
		36	19	19.55	19.60	19.58	21				
		36	39	19.37	19.27	19.54	21				
		75	0	19.36	19.41	19.50	21				
		64QAM	1	0	19.44	19.45	19.44	21			
	1		24	19.43	19.33	19.57	21				
	1		49	19.35	19.45	19.27	21				
	25		0	19.41	19.48	19.52	21				
	25		12	19.54	19.63	19.57	21				
	25	25	19.34	19.38	19.47	21					
50	0	19.38	19.49	19.47	21						
BW	Modulation	Channel Frequency (MHz)	1860	1880	1890	1910	Max Time-up (dBm)				
20M	QPSK	1	0	19.27	19.20	19.38	21				
		1	24	19.48	19.70	19.51	21				
		1	49	19.09	19.13	19.03	21				
		25	0	19.35	19.37	19.52	21				
		25	12	19.46	19.50	19.58	21				
	16QAM	25	25	19.17	19.22	19.55	21				
		50	0	19.18	19.59	19.48	21				
		64QAM	1	0	19.10	19.23	19.35	21			
			1	24	19.38	19.50	19.64	21			
			1	49	19.34	19.33	19.66	21			
25	0		19.29	19.53	19.55	21					
25	12		19.41	19.65	19.69	21					
25	25	19.23	19.41	19.44	21						
50	0	19.26	19.46	19.51	21						
15M	16QAM	1	0	19.44	19.45	19.44	21				
		1	24	19.43	19.33	19.57	21				
		1	49	19.35	19.45	19.27	21				
		25	0	19.41	19.48	19.52	21				
		25	12	19.54	19.63	19.57	21				
	25	25	19.34	19.38	19.47	21					
	50	0	19.38	19.49	19.47	21					
	BW	Modulation	Channel Frequency (MHz)	1860	1880	1890	1910	Max Time-up (dBm)			
	20M	QPSK	1	0	19.27	19.20	19.43	21			
			1	12	19.43	19.67	19.55	21			
1			24	19.03	19.15	19.13	21				
12			0	19.33	19.42	19.56	21				
12			6	19.45	19.60	19.56	21				
16QAM		12	13	19.25	19.29	19.45	21				
		25	0	19.21	19.60	19.44	21				
		64QAM	1	0	19.11	19.30	19.36	21			
			1	12	19.35	19.57	19.63	21			
			1	24	19.37	19.29	19.53	21			
12	0		19.35	19.49	19.55	21					
12	6		19.41	19.55	19.60	21					
12	13	19.20	19.40	19.46	21						
25	0	19.32	19.41	19.56	21						
15M	16QAM	1	0	19.49	19.49	19.50	21				
		1	12	19.51	19.39	19.51	21				
		1	24	19.50	19.45	19.38	21				
		12	0	19.43	19.46	19.47	21				
		12	6	19.51	19.58	19.57	21				
	64QAM	12	13	19.25	19.39	19.51	21				
		25	0	19.29	19.42	19.50	21				
		BW	Modulation	Channel Frequency (MHz)	1860	1880	1890	1910	Max Time-up (dBm)		
		20M	QPSK	1	0	19.23	19.29	19.50	21		
				1	7	19.44	19.62	19.60	21		
1	14			19.05	19.08	19.11	21				
8	0			19.43	19.44	19.55	21				
8	3			19.46	19.63	19.57	21				
16QAM	15		0	19.21	19.62	19.45	21				
	1		0	19.15	19.27	19.38	21				
	1		7	19.40	19.53	19.54	21				
	1		14	19.44	19.30	19.55	21				
	8		0	19.34	19.56	19.56	21				
15M	16QAM	8	3	19.49	19.59	19.68	21				
		8	7	19.15	19.37	19.51	21				
		15	0	19.24	19.43	19.58	21				
		64QAM	1	0	19.27	19.47	19.48	21			
			1	7	19.51	19.41	19.61	21			
	1		14	19.44	19.50	19.26	21				
	8		0	19.43	19.53	19.45	21				
	8		3	19.52	19.54	19.65	21				
	8	7	19.31	19.40	19.57	21					
	15	0	19.29	19.42	19.56	21					
BW	Modulation	Channel Frequency (MHz)	1860	1880	1890	1910	Max Time-up (dBm)				
20M	QPSK	1	0	19.21	19.30	19.50	21				
		1	2	19.46	19.64	19.58	21				
		1	5	19.02	19.15	19.06	21				
		3	0	19.33	19.38	19.58	21				
		3	1	19.49	19.49	19.48	21				
	16QAM	3	3	19.23	19.25	19.47	21				
		6	0	19.26	19.58	19.49	21				
		1	0	19.16	19.21	19.36	21				
		1	2	19.36	19.55	19.29	21				
		1	5	19.40	19.33	19.53	21				
15M	16QAM	3	0	19.33	19.58	19.46	21				
		1	1	19.36	19.59	19.63	21				
		3	3	19.26	19.34	19.44	21				
		6	0	19.35	19.50	19.58	21				
		64QAM	1	0	19.47	19.42	19.40	21			
	1		2	19.51	19.38	19.54	21				
	1		5	18.94	19.43	19.36	21				
	3		0	19.42	19.48	19.50	21				
	3		1	19.50	19.55	19.58	21				
	3	3	19.25	19.26	19.48	21					
6	0	19.43	19.40	19.49	21						

LTE Band 2 DS1-5									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max.		
		Channel	Frequency (MHz)	1870.5	1880	1890	1900	Time-up (dBm)	
20M	QPSK	1	0	21.25	21.40	21.45	22.5		
		1	50	21.56	21.72	21.69	22.5		
		1	99	21.18	21.26	21.20	22.5		
		50	0	21.13	20.98	21.22	22		
		50	25	21.24	21.33	21.28	22		
		50	50	21.16	20.81	21.14	22		
		100	0	21.13	21.25	21.17	22		
		1	0	21.02	21.02	21.14	22		
		1	50	21.25	21.20	21.24	22		
		1	99	20.93	20.83	21.07	22		
	16QAM	50	0	21.12	21.05	21.31	22		
		50	25	21.30	21.10	21.38	22		
		50	50	21.02	20.91	21.17	22		
		100	0	21.19	20.95	21.18	22		
		1	0	21.23	21.04	21.11	22		
		1	50	21.15	21.28	21.26	22		
		1	99	20.82	20.96	20.92	22		
		50	0	20.07	20.01	20.31	21		
		50	25	20.21	20.06	20.37	21		
		50	50	20.05	19.82	20.13	21		
		100	0	19.98	19.97	20.25	21		
15M	QPSK	1	0	21.19	21.37	21.30	22.5		
		1	37	21.52	21.59	21.61	22.5		
		1	74	21.09	21.11	21.11	22.5		
		36	0	20.98	20.94	21.21	22		
		36	19	21.23	21.31	21.21	22		
		36	39	21.08	20.67	21.12	22		
		75	0	21.01	21.11	21.08	22		
		1	0	20.95	20.96	20.99	22		
		1	37	21.20	21.08	21.18	22		
		1	74	20.92	20.72	21.00	22		
	16QAM	36	0	21.02	20.95	21.18	22		
		36	19	21.25	21.00	21.35	22		
		36	39	20.91	20.91	21.15	22		
		75	0	21.14	20.84	21.17	22		
		1	0	21.12	20.91	21.07	22		
		1	37	21.00	21.18	21.19	22		
		1	74	20.79	20.87	20.90	22		
		36	0	20.00	19.89	20.38	21		
		36	19	20.10	19.96	20.32	21		
		36	39	20.02	19.72	20.07	21		
		75	0	19.95	19.89	20.10	21		
10M	QPSK	1	0	21.14	21.26	21.38	22.5		
		1	24	21.55	21.63	21.54	22.5		
		1	49	21.05	21.22	21.09	22.5		
		25	0	21.09	20.88	21.08	22		
		25	12	21.17	21.23	21.27	22		
		25	25	21.13	20.76	20.99	22		
		50	0	21.12	21.15	21.12	22		
		1	0	20.99	21.01	21.10	22		
		1	24	21.10	21.05	21.22	22		
		1	49	20.81	20.68	20.95	22		
	16QAM	25	0	20.99	21.02	21.25	22		
		25	12	21.26	20.97	21.26	22		
		25	25	20.88	20.86	21.03	22		
		50	0	21.10	20.85	21.03	22		
		1	0	21.16	21.02	21.03	22		
		1	24	21.05	21.24	21.24	22		
		1	49	20.77	20.91	20.84	22		
		25	0	20.06	19.96	20.27	21		
		25	12	20.18	20.04	20.24	21		
		25	25	19.99	19.89	20.06	21		
		50	0	19.95	19.86	20.21	21		
5M	QPSK	1	0	21.14	21.37	21.32	22.5		
		1	12	21.44	21.64	21.64	22.5		
		1	24	21.10	21.11	21.12	22.5		
		12	0	21.04	20.93	21.18	22		
		12	6	21.23	21.31	21.27	22		
		12	13	21.09	20.80	21.00	22		
		25	0	21.01	21.10	21.11	22		
		1	0	20.94	21.01	21.05	22		
		1	12	21.17	21.16	21.16	22		
		1	24	20.85	20.68	20.99	22		
	16QAM	12	0	21.10	20.91	21.24	22		
		12	6	21.16	21.04	21.34	22		
		12	13	20.95	20.86	21.16	22		
		25	0	21.15	20.84	21.07	22		
		1	0	21.16	20.91	21.02	22		
		1	12	21.12	21.19	21.13	22		
		1	24	20.72	20.88	20.85	22		
		12	0	19.94	19.86	20.23	21		
		12	6	20.08	20.04	20.36	21		
		12	13	19.91	19.77	19.98	21		
		25	0	19.90	19.91	20.20	21		
3M	QPSK	1	0	21.23	21.30	21.42	22.5		
		1	7	21.49	21.70	21.58	22.5		
		1	14	21.14	21.22	21.05	22.5		
		8	0	20.98	20.91	21.20	22		
		8	3	21.14	21.29	21.18	22		
		8	7	21.11	20.75	21.03	22		
		15	0	21.04	21.19	21.02	22		
		1	0	20.88	20.91	21.01	22		
		1	7	21.12	21.05	21.11	22		
		1	14	20.78	20.82	20.94	22		
	16QAM	8	0	21.03	20.97	21.19	22		
		8	3	21.21	20.88	21.30	22		
		8	7	20.99	20.76	21.06	22		
		15	0	21.12	20.92	21.07	22		
		1	0	21.19	20.91	21.09	22		
		1	7	21.12	21.25	21.23	22		
		1	14	20.72	20.86	20.77	22		
		8	0	19.99	19.93	20.18	21		
		8	3	20.14	19.97	20.35	21		
		8	7	19.98	19.76	19.99	21		
		15	0	19.95	19.95	20.23	21		
1.4M	QPSK	1	0	21.22	21.32	21.36	22.5		
		1	2	21.41	21.59	21.64	22.5		
		1	5	21.03	21.16	21.14	22.5		
		3	0	21.09	20.93	21.08	22.5		
		3	1	21.19	21.18	21.26	22.5		
		3	3	21.12	20.70	21.10	22.5		
		6	0	21.06	21.17	21.15	22		
		1	0	20.96	20.96	21.05	22		
		1	2	21.13	21.09	21.19	22		
		1	5	20.86	20.86	21.00	22		
	16QAM	3	0	21.08	20.94	21.17	22		
		3	1	21.22	20.86	21.23	22		
		3	3	20.95	20.86	21.10	22		
		6	0	21.06	20.86	21.03	22		
		1	0	21.17	20.96	21.07	22		
		1	2	21.11	21.26	21.17	22		
		1	5	20.69	20.64	20.89	22		
		3	0	20.96	20.93	21.21	22		
		3	1	21.06	21.01	21.33	22		
		3	3	21.03	20.76	21.06	22		
		6	0	19.87	19.89	20.24	21		

LTE Band 4 DS1-5									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max.		
		Channel	Frequency (MHz)	2090	2095	2099	Time-up (dBm)		
		1715.5		1720.5	1725.5				
20M	QPSK	1	0	21.42	21.45	21.48	23		
		1	50	21.61	21.56	21.73	23		
		1	99	21.70	21.67	21.74	23		
		50	0	21.65	21.52	21.64	23		
		50	25	21.62	21.65	21.68	23		
		50	50	21.67	21.64	21.69	23		
		100	0	21.71	21.55	21.73	23		
		1	0	21.24	21.15	21.42	23		
		1	50	21.57	21.61	21.67	23		
		1	99	21.48	21.48	21.54	23		
	16QAM	50	0	21.08	21.09	21.11	23		
		50	25	21.20	21.12	21.18	23		
		50	50	21.15	21.14	21.35	23		
		100	0	21.10	21.02	21.29	23		
		1	0	21.28	21.25	21.17	23		
	64QAM	1	50	21.45	21.45	21.35	23		
		1	99	21.58	21.54	21.44	23		
		50	0	20.16	20.07	20.13	22		
		50	25	20.20	20.14	20.16	22		
		50	50	20.14	20.16	20.30	22		
	100	0	20.10	20.07	20.24	22			
	BW	Modulation	Channel	2090.5	2095.5	2099.5	Max. Time-up (dBm)		
			Frequency (MHz)	1715.5	1720.5	1725.5			
			1	0	21.33	21.41	21.43	23	
1			37	21.48	21.48	21.60	23		
1			74	21.66	21.61	21.69	23		
36			0	21.62	21.37	21.52	23		
36			19	21.58	21.52	21.60	23		
36			39	21.52	21.54	21.67	23		
75			0	21.65	21.52	21.70	23		
1			0	21.10	21.40	21.35	23		
1			37	21.42	21.51	21.61	23		
1			74	21.41	21.40	21.48	23		
15M	16QAM	36	0	20.93	21.06	21.05	23		
		36	19	21.16	21.01	21.04	23		
		36	39	21.10	21.12	21.27	23		
		75	0	21.08	20.91	21.14	23		
		1	0	21.21	21.13	21.12	23		
		1	37	21.34	21.37	21.29	23		
		1	74	21.52	21.45	21.43	23		
		36	0	20.27	20.12	20.12	22		
		36	19	20.20	20.14	20.26	22		
		36	39	20.13	20.26	20.38	22		
		75	0	20.10	20.10	20.28	22		
		BW	Modulation	Channel	2099.5	2104.5	2099.5	Max. Time-up (dBm)	
Frequency (MHz)	1719			1724.5	1729				
1	0			21.35	21.40	21.36	23		
1	24			21.49	21.55	21.63	23		
1	49			21.58	21.52	21.60	23		
25	0			21.51	21.37	21.54	23		
25	12			21.56	21.54	21.47	23		
25	25			21.62	21.59	21.66	23		
50	0			21.64	21.50	21.63	23		
1	0			21.17	21.08	21.27	23		
1	24			21.44	21.50	21.53	23		
1	49			21.40	21.43	21.44	23		
10M	16QAM	25	0	21.09	21.13	21.08	23		
		25	12	21.07	21.08	21.03	23		
		25	25	21.11	21.22	21.24	23		
		50	0	21.07	21.05	21.04	23		
		1	0	21.23	21.07	21.05	23		
		1	24	21.39	21.39	21.35	23		
		1	49	21.44	21.43	21.25	23		
		25	0	20.02	20.14	20.12	22		
		25	12	20.16	20.18	20.08	22		
		25	25	20.10	20.05	20.08	22		
		50	0	20.09	20.04	20.11	22		
		BW	Modulation	Channel	1997.5	2002.5	2007.5	Max. Time-up (dBm)	
Frequency (MHz)	1712.5			1722.5	1732.5				
1	0			21.31	21.43	21.38	23		
1	12			21.48	21.42	21.46	23		
1	24			21.58	21.68	21.63	23		
12	0			21.56	21.48	21.56	23		
12	6			21.60	21.56	21.62	23		
12	13			21.54	21.49	21.64	23		
25	0			21.57	21.51	21.52	23		
1	0			21.17	21.14	21.29	23		
1	12			21.42	21.59	21.56	23		
1	24			21.30	21.40	21.48	23		
5M	16QAM	12	6	21.22	21.21	21.19	23		
		12	6	21.35	21.19	21.21	23		
		12	13	21.26	21.27	21.45	23		
		25	0	21.21	21.07	21.33	23		
		1	0	21.29	21.26	21.31	23		
		1	12	21.15	21.42	21.42	23		
		1	24	21.63	21.55	21.45	23		
		12	0	20.28	20.12	20.28	22		
		12	6	20.23	20.23	20.22	22		
		12	13	20.28	20.36	20.34	22		
		25	0	20.19	20.22	20.36	22		
		BW	Modulation	Channel	1999.5	2004.5	2009.5	Max. Time-up (dBm)	
Frequency (MHz)	1711.5			1721.5	1731.5				
1	0			21.33	21.40	21.42	23		
1	7			21.53	21.41	21.63	23		
1	14			21.64	21.61	21.65	23		
8	0			21.62	21.48	21.60	23		
8	3			21.59	21.53	21.53	23		
8	7			21.58	21.63	21.59	23		
15	0			21.58	21.47	21.59	23		
15	0			21.26	21.40	21.29	23		
1	7			21.42	21.53	21.64	23		
1	14			21.31	21.37	21.47	23		
3M	16QAM	8	0	21.04	21.09	21.18	23		
		8	3	21.28	21.27	21.24	23		
		8	7	21.37	21.44	21.44	23		
		15	0	21.22	21.12	21.35	23		
		1	0	21.35	21.33	21.21	23		
		1	7	21.47	21.55	21.42	23		
		1	14	21.61	21.67	21.53	23		
		8	0	21.39	21.40	20.32	22		
		8	3	20.36	20.30	20.21	22		
		8	7	20.30	20.24	20.37	22		
		15	0	20.23	20.20	20.31	22		
		BW	Modulation	Channel	1999.5	2004.5	2009.5	Max. Time-up (dBm)	
Frequency (MHz)	1711.5			1721.5	1731.5				
1	0			21.28	21.33	21.47	23		
1	2			21.58	21.47	21.65	23		
1	5			21.64	21.64	21.66	23		
3	0			21.50	21.44	21.55	23		
3	1			21.47	21.44	21.67	23		
3	3			21.53	21.49	21.57	23		
6	0			21.59	21.50	21.68	23		
1	0			21.19	21.62	21.31	23		
1	2			21.48	21.58	21.57	23		
1	5			21.39	21.63	21.53	23		
1.4M	16QAM	3	0	21.12	21.23	21.19	23		
		3	1	21.34	21.24	21.33	23		
		3	3	21.31	21.25	21.49	23		
		6	0	21.22	21.13	21.44	23		
		1	0	21.41	21.31	21.25	23		
		1	2	21.62	21.53	21.38	23		
		1	5	21.59	21.60	21.48	23		
		3	0	21.38	21.32	21.24	23		
		3	1	21.42	21.42	21.48	23		
		3	3	21.26	21.27	21.29	23		
		6	0	20.23	20.11	20.40	22		

LTE Band 2 DSI-6									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)		
		Channel Frequency (MHz)	Channel Offset (MHz)	1870.5	1880.5	1910.5			
20M	QPSK	1	0	18.31	18.30	18.38	19		
		1	50	18.47	18.87	18.51	19		
		1	99	17.98	18.09	17.92	19		
		50	0	18.02	18.12	18.13	19		
		50	25	18.10	18.43	18.18	19		
		50	50	18.03	17.98	17.99	19		
	16QAM	100	0	18.08	18.12	18.11	19		
		1	0	17.73	17.82	18.04	19		
		1	50	18.00	18.04	18.12	19		
		1	99	17.87	18.02	17.94	19		
		50	0	17.99	18.26	18.06	19		
		50	25	18.17	18.30	18.14	19		
20M	16QAM	50	50	17.95	17.98	18.00	19		
		100	0	18.07	18.01	18.02	19		
		1	0	18.03	18.22	18.15	19		
		1	50	18.13	18.32	18.21	19		
		1	99	17.92	17.89	17.70	19		
		50	0	18.17	18.24	18.16	19		
	64QAM	50	25	18.26	18.31	18.27	19		
		50	50	18.02	18.07	18.03	19		
		100	0	18.12	18.11	18.10	19		
15M	QPSK	Channel	1887.5	1890	1912.5	Max. Tune-up (dBm)			
		Frequency (MHz)	1887.5	1889	1902.5				
		1	0	18.17	18.15	18.32	19		
		1	37	18.34	18.83	18.37	19		
		1	74	17.94	18.00	17.77	19		
		36	0	17.98	18.10	18.08	19		
	16QAM	36	19	18.08	18.14	18.03	19		
		36	39	18.02	17.92	17.87	19		
		75	0	17.97	18.05	18.06	19		
		75	0	17.59	17.68	17.99	19		
		1	37	17.89	17.89	18.07	19		
		1	74	17.72	17.93	17.92	19		
15M	16QAM	36	0	17.88	18.12	17.96	19		
		36	19	18.02	18.17	18.13	19		
		36	39	17.63	17.97	17.85	19		
		75	0	18.06	17.96	17.95	19		
		1	0	17.88	18.13	18.12	19		
		1	37	18.06	18.29	18.18	19		
	64QAM	1	74	17.78	17.82	17.64	19		
		1	14	18.09	18.14	18.03	19		
		36	19	18.17	18.25	18.19	19		
		36	39	17.94	18.01	17.97	19		
		75	0	18.09	18.07	18.08	19		
10M	QPSK	Channel	1895	1899	1919	Max. Tune-up (dBm)			
		Frequency (MHz)	1895	1899	1909				
		1	0	18.28	18.19	18.29	19		
		1	24	18.45	18.42	18.41	19		
		1	49	17.90	18.01	17.91	19		
		25	0	17.89	18.09	18.08	19		
	16QAM	25	12	18.14	18.18	18.02	19		
		25	25	17.95	17.92	17.95	19		
		50	0	17.99	18.01	18.09	19		
		1	0	17.87	17.78	17.95	19		
		1	24	17.96	17.98	18.07	19		
		1	49	17.75	18.00	17.84	19		
10M	16QAM	25	0	17.88	18.15	17.95	19		
		25	12	18.02	18.24	18.02	19		
		25	25	17.87	17.93	17.93	19		
		50	0	17.82	17.92	17.99	19		
		1	0	17.87	18.21	18.01	19		
		1	24	18.10	18.28	18.06	19		
	64QAM	1	49	17.87	17.86	17.63	19		
		25	0	18.15	18.14	18.08	19		
		25	12	18.11	18.21	18.25	19		
		25	25	17.87	17.95	17.89	19		
		50	0	18.00	17.98	18.00	19		
5M	QPSK	Channel	1882.5	1889	1917.5	Max. Tune-up (dBm)			
		Frequency (MHz)	1882.5	1889	1907.5				
		1	0	18.20	18.18	18.24	19		
		1	12	18.45	18.40	18.24	19		
		1	24	17.86	18.08	17.77	19		
		12	0	17.87	18.09	18.00	19		
	16QAM	12	6	18.14	18.15	18.12	19		
		12	13	17.89	17.87	17.97	19		
		25	0	18.06	18.09	18.07	19		
		1	0	17.69	17.73	18.02	19		
		1	12	17.99	17.91	18.03	19		
		1	24	17.79	17.93	17.85	19		
5M	16QAM	12	0	17.93	18.15	17.96	19		
		12	6	18.13	18.18	18.07	19		
		12	13	17.90	17.92	17.90	19		
		25	0	18.04	17.87	18.00	19		
		1	0	17.92	18.07	18.04	19		
		1	12	18.10	18.21	18.16	19		
	64QAM	1	24	17.84	17.83	17.57	19		
		12	0	18.14	18.13	18.06	19		
		12	6	18.14	18.17	18.17	19		
		12	13	17.90	18.02	17.93	19		
		25	0	18.06	18.03	18.04	19		
3M	QPSK	Channel	1891.5	1899	1919.5	Max. Tune-up (dBm)			
		Frequency (MHz)	1891.5	1899	1909.5				
		1	0	18.28	18.26	18.30	19		
		1	7	18.34	18.81	18.37	19		
		1	14	17.92	17.95	17.83	19		
		8	0	17.88	18.01	18.07	19		
	16QAM	8	3	18.11	18.14	18.07	19		
		8	7	17.98	17.91	17.96	19		
		15	0	18.02	18.03	18.06	19		
		1	0	17.72	17.78	17.93	19		
		1	7	17.87	17.91	18.09	19		
		1	14	17.86	17.95	17.85	19		
3M	16QAM	8	0	17.97	18.19	17.97	19		
		8	3	18.05	18.26	18.05	19		
		8	7	17.82	17.97	17.92	19		
		15	0	18.02	17.86	17.96	19		
		1	0	17.59	18.19	18.09	19		
		1	7	18.00	18.24	18.09	19		
	64QAM	1	14	17.91	17.77	17.63	19		
		8	0	18.15	18.17	18.12	19		
		8	3	18.20	18.24	18.23	19		
		8	7	17.90	17.94	17.89	19		
		15	0	18.11	18.00	18.05	19		
1.4M	QPSK	Channel	18607	18999	19193	Max. Tune-up (dBm)			
		Frequency (MHz)	18607	1889	1909.3				
		1	0	18.29	18.16	18.23	19		
		1	2	18.42	18.83	18.49	19		
		1	5	17.91	18.04	17.85	19		
		3	0	17.88	18.11	18.09	19		
	16QAM	3	1	18.11	18.12	18.06	19		
		3	3	17.88	17.83	17.86	19		
		6	0	18.03	18.08	18.08	19		
		1	0	17.62	17.68	17.96	19		
		1	2	17.87	17.91	18.02	19		
		1	5	17.77	17.97	17.83	19		
1.4M	16QAM	3	0	17.85	18.24	17.98	19		
		3	1	18.13	18.16	18.06	19		
		3	3	17.88	17.94	17.95	19		
		6	0	17.92	17.95	17.98	19		
		1	0	17.93	18.19	18.14	19		
		1	2	18.09	18.20	18.12	19		
	64QAM	1	5	17.86	17.83	17.57	19		
		3	0	18.15	18.18	18.05	19		
		3	1	18.13	18.25	18.26	19		
		3	3	17.92	17.95	17.98	19		
		6	0	18.07	17.99	17.98	19		

LTE Band 4 DSI-6									
BW	Modulation	RB Size	RB Offset	Low	Mid	High	Max. Tune-up (dBm)		
		Channel	20690	20710	20730	20740			
20M	QPSK	1	0	19.63	19.61	19.71	21		
		1	50	19.72	19.71	19.85	21		
		1	99	19.79	19.81	19.96	21		
		50	0	19.67	19.64	19.72	21		
		50	25	19.71	19.72	19.73	21		
		50	50	19.80	19.82	19.86	21		
	16QAM	100	0	19.67	19.69	19.79	21		
		1	0	19.58	19.61	19.53	21		
		1	50	19.69	19.73	19.74	21		
		1	99	19.75	19.81	19.85	21		
		50	0	19.69	19.63	19.65	21		
		50	25	19.77	19.75	19.65	21		
64QAM	50	50	19.79	19.71	19.86	21			
	100	0	19.66	19.69	19.79	21			
	1	0	19.55	19.45	19.66	21			
	1	50	19.70	19.65	19.66	21			
	1	99	19.31	19.60	19.64	21			
	50	0	19.64	19.66	19.68	21			
5M	QPSK	50	25	19.75	19.69	19.65	21		
		50	50	19.77	19.75	19.69	21		
		100	0	19.71	19.73	19.77	21		
		1	0	19.51	19.57	19.57	21		
		1	37	19.60	19.64	19.71	21		
		1	74	19.64	19.75	19.81	21		
	16QAM	36	0	19.56	19.58	19.66	21		
		36	19	19.58	19.61	19.58	21		
		36	39	19.68	19.60	19.74	21		
		75	0	19.63	19.63	19.70	21		
		1	0	19.55	19.55	19.61	21		
		1	37	19.61	19.66	19.71	21		
64QAM	1	74	19.71	19.71	19.83	21			
	36	0	19.57	19.50	19.67	21			
	36	19	19.70	19.70	19.51	21			
	36	39	19.66	19.69	19.77	21			
	75	0	19.55	19.64	19.78	21			
	1	0	19.20	19.35	19.51	21			
BW	QPSK	1	37	19.58	19.53	19.51	21		
		1	74	19.18	19.45	19.51	21		
		36	0	19.27	19.27	19.50	21		
		36	19	19.62	19.57	19.54	21		
		36	39	19.67	19.70	19.76	21		
		75	0	19.61	19.70	19.75	21		
	16QAM	1	0	19.52	19.54	19.63	21		
		1	0	19.29	19.35	19.64	21		
		1	24	19.62	19.64	19.60	21		
		1	49	19.16	19.52	19.53	21		
		25	0	19.62	19.65	19.58	21		
		25	12	19.74	19.67	19.61	21		
BW	QPSK	25	25	19.67	19.67	19.77	21		
		25	25	19.75	19.61	19.74	21		
		50	0	19.55	19.61	19.76	21		
		1	0	19.46	19.53	19.40	21		
		1	24	19.54	19.68	19.66	21		
		1	49	19.67	19.77	19.71	21		
	16QAM	25	0	19.61	19.49	19.67	21		
		25	12	19.70	19.68	19.54	21		
		25	25	19.64	19.58	19.76	21		
		50	0	19.52	19.56	19.63	21		
		1	0	19.29	19.35	19.64	21		
		1	24	19.62	19.64	19.60	21		
BW	QPSK	1	49	19.16	19.52	19.53	21		
		25	0	19.62	19.65	19.58	21		
		25	12	19.74	19.67	19.61	21		
		25	25	19.67	19.67	19.77	21		
		50	0	19.61	19.64	19.65	21		
		1	0	19.69	19.64	19.65	21		
	16QAM	1	0	19.75	19.75	19.75	21		
		1	12	19.68	19.65	19.65	21		
		1	24	19.71	19.75	19.86	21		
		12	0	19.63	19.56	19.69	21		
		12	6	19.58	19.70	19.68	21		
		12	13	19.76	19.67	19.75	21		
BW	QPSK	25	0	19.57	19.67	19.64	21		
		1	0	19.46	19.57	19.49	21		
		1	12	19.54	19.65	19.69	21		
		1	24	19.65	19.79	19.76	21		
		12	6	19.56	19.58	19.61	21		
		12	6	19.71	19.72	19.51	21		
	16QAM	12	13	19.69	19.68	19.71	21		
		25	0	19.64	19.57	19.70	21		
		1	0	19.25	19.34	19.53	21		
		1	12	19.69	19.59	19.52	21		
		1	24	19.30	19.56	19.52	21		
		12	6	19.62	19.56	19.62	21		
BW	QPSK	12	6	19.63	19.54	19.62	21		
		12	13	19.75	19.65	19.77	21		
		1	0	19.57	19.67	19.64	21		
		1	12	19.64	19.57	19.59	21		
		1	24	19.30	19.56	19.52	21		
		12	6	19.62	19.56	19.62	21		
	16QAM	12	6	19.63	19.54	19.62	21		
		12	13	19.75	19.65	19.77	21		
		1	0	19.57	19.67	19.64	21		
		1	12	19.64	19.57	19.59	21		
		1	24	19.30	19.56	19.52	21		
		12	6	19.62	19.56	19.62	21		
3M	QPSK	Channel	19990	20176	20385	Max. Tune-up (dBm)			
		Frequency (MHz)	17115	17225	17325				
		1	0	19.48	19.53	19.65	21		
		1	7	19.61	19.67	19.70	21		
		14	7	19.76	19.70	19.96	21		
		8	0	19.66	19.49	19.62	21		
	16QAM	8	3	19.56	19.63	19.63	21		
		8	7	19.76	19.61	19.77	21		
		15	0	19.64	19.80	19.66	21		
		1	0	19.56	19.47	19.58	21		
		1	7	19.62	19.66	19.62	21		
		1	14	19.62	19.79	19.64	21		
64QAM	8	0	19.54	19.56	19.60	21			
	8	3	19.76	19.70	19.61	21			
	8	7	19.77	19.66	19.65	21			
	15	0	19.65	19.66	19.65	21			
	1	0	19.21	19.34	19.62	21			
	1	7	19.60	19.56	19.60	21			
BW	QPSK	1	14	19.30	19.46	19.62	21		
		8	0	19.58	19.69	19.63	21		
		8	3	19.61	19.58	19.51	21		
		8	7	19.72	19.60	19.76	21		
		15	0	19.64	19.68	19.74	21		
		Channel	19997	20176	20385	Max. Tune-up (dBm)			
	16QAM	Frequency (MHz)	17122	17222	17322				
		1	0	19.60	19.57	19.64	21		
		1	2	19.69	19.57	19.60	21		
		1	5	19.74	19.72	19.83	21		
		3	0	19.59	19.56	19.67	21		
		3	3	19.60	19.65	19.70	21		
64QAM	3	3	19.76	19.66	19.82	21			
	6	0	19.61	19.55	19.70	21			
	1	0	19.46	19.51	19.50	21			
	1	2	19.57	19.69	19.59	21			
	1	5	19.68	19.69	19.83	21			
	3	3	19.71	19.69	19.72	21			
1.4M	QPSK	6	0	19.58	19.64	19.66	21		
		1	0	19.26	19.30	19.62	21		
		1	2	19.55	19.56	19.61	21		
		1	5	19.18	19.54	19.53	21		
		3	0	19.49	19.55	19.54	21		
		3	1	19.70	19.56	19.57	21		
16QAM	3	3	19.68	19.69	19.62	21			
	6	0	19.69	19.62	19.64	21			

Full Power				
2.4GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.99
		6	2437	18.82
		11	2462	18.25
	802.11g 6Mbps	1	2412	15.57
		6	2437	17.06
		11	2462	15.38
	802.11n-HT20 MCS0	1	2412	15.37
		6	2437	16.88
		11	2462	15.20
	802.11n-HT40 MCS0	3	2422	13.52
		6	2437	14.06
		9	2452	13.29

5GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.09
		40	5200	16.20
		44	5220	16.12
		48	5240	16.15
		36	5180	16.87
		40	5200	16.38
	802.11n-HT20 MCS0	44	5220	16.38
		48	5240	16.39
		38	5190	13.99
		46	5230	15.35
		36	5180	16.07
		40	5200	16.01
	802.11ac-VHT20 MCS0	44	5220	16.26
		48	5240	16.46
		38	5190	13.93
		46	5230	15.36
		42	5210	12.21
		42	5210	12.21
	802.11ac-VHT40 MCS0	38	5190	13.93
		46	5230	15.36
		42	5210	12.21
		42	5210	12.21
		42	5210	12.21
		42	5210	12.21
	802.11ac-VHT80 MCS0	38	5190	13.93
		46	5230	15.36
		42	5210	12.21
		42	5210	12.21
		42	5210	12.21
		42	5210	12.21

5GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.44
		56	5280	16.31
		60	5300	16.54
		64	5320	16.12
		52	5260	16.26
		56	5280	16.15
	802.11n-HT20 MCS0	60	5300	16.35
		64	5320	16.49
		54	5270	15.05
		62	5310	12.66
		52	5260	16.26
		56	5280	16.14
	802.11ac-VHT20 MCS0	60	5300	16.31
		64	5320	16.47
		54	5270	15.04
		62	5310	12.69
		58	5290	11.47
		58	5290	11.47
	802.11ac-VHT40 MCS0	54	5270	15.04
		62	5310	12.69
		58	5290	11.47
		58	5290	11.47
		58	5290	11.47
		58	5290	11.47
	802.11ac-VHT80 MCS0	54	5270	15.04
		62	5310	12.69
		58	5290	11.47
		58	5290	11.47
		58	5290	11.47
		58	5290	11.47

5GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.37
		116	5580	16.11
		124	5620	16.72
		132	5660	16.07
		140	5700	17.81
		144	5720	16.91
	802.11n-HT20 MCS0	100	5500	16.22
		116	5580	16.39
		124	5620	16.58
		132	5660	16.88
		140	5700	16.81
		144	5720	16.71
	802.11n-HT40 MCS0	102	5510	15.68
		110	5550	15.85
		126	5630	15.70
		134	5670	16.01
		142	5710	16.26
		100	5500	16.27
	802.11ac-VHT20 MCS0	116	5580	16.37
		124	5620	16.57
		132	5660	16.42
		140	5700	16.86
		144	5720	16.76
		102	5510	15.89
	802.11ac-VHT40 MCS0	110	5550	15.86
		126	5630	15.70
		134	5670	16.01
		142	5710	16.25
		106	5530	12.99
	802.11ac-VHT80 MCS0	122	5610	15.34
		138	5690	15.38

5GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.14
		157	5785	16.26
		165	5825	16.09
	802.11n-HT20 MCS0	149	5745	16.85
		157	5785	16.06
		165	5825	16.13
	802.11n-HT40 MCS0	151	5755	16.55
		159	5795	16.25
		149	5745	16.86
	802.11ac-VHT20 MCS0	157	5785	16.19
		165	5825	16.05
		151	5755	16.34
	802.11ac-VHT40 MCS0	159	5795	15.53
		155	5775	14.73
		155	5775	14.73
	802.11ac-VHT80 MCS0	155	5775	14.73
		155	5775	14.73
		155	5775	14.73

BR/EDR				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
GFSK	CH 5	2402	12.83	14.00
		2441	12.78	14.00
	CH 7B	2480	12.56	14.00
		2492	10.13	11.00
DQPSK	CH 3B	2441	9.81	11.00
		2480	10.09	11.00
	CH 0	2402	10.08	11.00
		2441	9.89	11.00
BPSK	CH 7B	2480	10.06	11.00
		2492	10.06	11.00

BLE				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
1Mbps	CH 0	2402	7.17	8.00
		2440	6.98	8.00
		2480	7.34	8.00

DSI-2				
2.4GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.99
		6	2437	18.82
		11	2462	18.25
	802.11g 6Mbps	1	2412	15.57
		6	2437	17.06
		11	2462	15.38
	802.11n-HT20 MCS0	1	2412	15.37
		6	2437	16.88
		11	2462	15.20
	802.11n-HT40 MCS0	3	2422	13.52
		6	2437	14.06
		9	2452	13.29

5GHz WLAN				
Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.52
		40	5200	14.74
		44	5220	14.63
		48	5240	14.57
		36	5180	16.28
		40	5200	16.12
	802.11n-HT20 MCS0	44	5220	15.94
		48	5240	15.98
		38	5190	14.65
		46	5230	14.09
		36	5180	14.51
		40	5200	14.23
	802.11ac-VHT20 MCS0	44	5220	14.77
		48	5240	14.07
		38	5190	14.65
		46	5230	14.46
		42	5210	13.24
		42	5210	13.24
	802.11ac-VHT40 MCS0	38	5190	14.65
		46	5230	14.46
		42	5210	13.24
		42	5210	13.24
		42	5210	13.24
		42	5210	13.24
	802.11ac-VHT80 MCS0	38	5190	14.65
		46	5230	14.46
		42	5210	13.24
		42	5210	13.24
		42	5210	13.24
		42	5210	13.24

5GHz WLAN					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit (dBm)
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.44	18.00
		56	5280	16.31	18.00
		60	5300	16.54	18.00
		64	5320	16.12	18.00
		52	5260	16.26	18.00
		56	5280	16.15	18.00
	802.11n-HT20 MCS0	60	5300	16.35	18.00
		64	5320	16.49	18.00
		54	5270	15.05	17.00
		62	5310	15.17	17.00
		52	5260	16.26	18.00
		56	5280	16.14	18.00
	802.11ac-VHT20 MCS0	60	5300	16.31	18.00
		64	5320	16.47	18.00
		54	5270	15.04	17.00
		62	5310	15.22	17.00
		58	5290	14.69	16.00
		58	5290	14.69	16.00
	802.11ac-VHT40 MCS0	54	5270	15.04	17.00
		62	5310	15.22	17.00
		58	5290	14.69	16.00
		58	5290	14.69	16.00
		58	5290	14.69	16.00
		58	5290	14.69	16.00
	802.11ac-VHT80 MCS0	54	5270	15.04	17.00
		62	5310	15.22	17.00
		58	5290	14.69	16.00
		58	5290	14.69	16.00
		5			

DSI-5					
2.4GHz WLAN					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11b 1Mbps	1	2412	16.38	17.50
		6	2437	16.95	17.50
		11	2462	16.89	17.50
	802.11g 6Mbps	1	2412	15.57	17.00
		6	2437	15.98	17.00
		11	2462	15.38	17.00
	802.11n-HT20 MCS0	1	2412	15.37	17.00
		6	2437	15.74	17.00
		11	2462	15.20	17.00
	802.11n-HT40 MCS0	3	2422	13.52	15.00
		6	2437	14.08	15.00
		9	2452	13.29	15.00

5GHz WLAN					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	36	5180	12.19	13.00
		40	5200	12.07	13.00
		44	5220	11.89	13.00
	802.11n-HT20 MCS0	48	5240	12.15	13.00
		36	5180	13.04	14.00
		40	5200	12.42	14.00
	802.11n-HT40 MCS0	44	5220	12.56	14.00
		48	5240	12.78	14.00
	802.11ac-VHT20 MCS0	38	5190	12.19	13.00
		46	5230	11.67	13.00
		36	5180	12.02	13.00
	802.11ac-VHT40 MCS0	40	5200	11.88	13.00
		44	5220	11.76	13.00
		48	5240	11.88	13.00
	802.11ac-VHT80 MCS0	38	5190	12.14	13.00
		46	5230	12.08	13.00
		42	5210	12.40	13.00

5GHz WLAN					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	52	5260	10.94	12.00
		56	5280	10.03	12.00
		60	5300	11.21	12.00
	802.11n-HT20 MCS0	64	5320	11.15	12.00
		52	5260	10.86	12.00
		56	5280	10.77	12.00
	802.11n-HT40 MCS0	60	5300	11.03	12.00
		64	5320	10.93	12.00
	802.11ac-VHT20 MCS0	54	5270	10.47	11.50
		62	5310	10.78	11.50
		52	5260	10.88	12.00
	802.11ac-VHT40 MCS0	56	5280	10.69	12.00
		60	5300	11.02	12.00
		64	5320	10.97	12.00
	802.11ac-VHT80 MCS0	54	5270	10.39	11.50
		62	5310	10.46	11.50
		58	5290	10.91	11.50

5GHz WLAN					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	100	5500	14.89	16.50
		116	5580	14.93	16.50
		124	5620	15.23	16.50
	802.11n-HT20 MCS0	132	5660	15.31	16.50
		140	5700	15.54	16.50
		144	5720	15.47	16.50
	802.11n-HT40 MCS0	100	5500	14.35	16.00
		116	5580	14.67	16.00
		124	5620	14.88	16.00
	802.11n-HT80 MCS0	132	5660	14.61	16.00
		140	5700	14.93	16.00
		144	5720	14.82	16.00
	802.11ac-VHT20 MCS0	102	5510	14.23	16.00
		110	5550	14.16	16.00
		126	5630	14.25	16.00
	802.11ac-VHT40 MCS0	134	5670	14.54	16.00
		142	5710	14.67	16.00
	802.11ac-VHT80 MCS0	100	5500	14.48	16.00
		116	5580	14.67	16.00
		124	5620	14.72	16.00
	802.11ac-VHT20 MCS0	132	5660	14.88	16.00
		140	5700	14.90	16.00
		144	5720	14.82	16.00
	802.11ac-VHT40 MCS0	102	5510	14.12	16.00
		110	5550	14.31	16.00
		126	5630	14.39	16.00
	802.11ac-VHT80 MCS0	134	5670	14.48	16.00
		142	5710	14.67	16.00
		106	5530	14.34	16.00
	802.11ac-VHT80 MCS0	122	5610	14.72	16.00
		138	5690	14.55	16.00

5GHz WLAN					
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	149	5745	15.34	16.50
		157	5785	15.56	16.50
		165	5825	15.19	16.50
	802.11n-HT20 MCS0	149	5745	15.89	16.50
		157	5785	15.67	16.50
		165	5825	15.08	16.50
	802.11n-HT40 MCS0	151	5755	14.90	16.00
		159	5795	15.34	16.00
		149	5745	16.39	17.00
	802.11ac-VHT20 MCS0	157	5785	15.96	17.00
		165	5825	15.74	17.00
	802.11ac-VHT40 MCS0	151	5755	14.95	16.00
		159	5795	14.18	16.00
		155	5775	14.73	16.00

DSI-6					
2.4GHz WLAN					
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11b 1Mbps	1	2412	12.57	14.00
		6	2437	13.01	14.00
		11	2462	12.78	14.00
	802.11g 6Mbps	1	2412	11.52	13.00
		6	2437	12.28	13.00
		11	2462	11.83	13.00
	802.11n-HT20 MCS0	1	2412	11.98	13.00
		6	2437	12.15	13.00
		11	2462	12.07	13.00
	802.11n-HT40 MCS0	3	2422	12.01	13.00
		6	2437	12.37	13.00
		9	2452	11.89	13.00

5GHz WLAN					
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	36	5180	8.15	9.00
		40	5200	8.28	9.00
		44	5220	8.09	9.00
	802.11n-HT20 MCS0	48	5240	8.21	9.00
		36	5180	7.28	8.00
		40	5200	7.73	8.00
	802.11n-HT40 MCS0	44	5220	7.56	8.00
		48	5240	7.42	8.00
	802.11ac-VHT20 MCS0	38	5190	7.86	8.00
		46	5230	7.42	8.00
		36	5180	7.43	8.00
	802.11ac-VHT40 MCS0	40	5200	7.67	8.00
		44	5220	7.13	8.00
		48	5240	7.09	8.00
	802.11ac-VHT80 MCS0	38	5190	7.56	8.00
		46	5230	7.67	8.00
		42	5210	7.23	8.00

5GHz WLAN					
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	52	5260	10.78	12.00
		56	5280	11.03	12.00
		60	5300	11.21	12.00
	802.11n-HT20 MCS0	64	5320	10.98	12.00
		52	5260	10.86	12.00
		56	5280	10.77	12.00
	802.11n-HT40 MCS0	60	5300	11.03	12.00
		64	5320	10.93	12.00
	802.11ac-VHT20 MCS0	54	5270	10.47	11.50
		62	5310	10.78	11.50
		52	5260	10.88	12.00
	802.11ac-VHT40 MCS0	56	5280	10.69	12.00
		60	5300	11.02	12.00
		64	5320	10.97	12.00
	802.11ac-VHT80 MCS0	54	5270	10.39	11.50
		62	5310	10.46	11.50
		58	5290	10.91	11.50

5GHz WLAN					
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit (dBm)
	802.11a 6Mbps	100	5500	12.23	13.50
		116	5580	12.56	13.50
		124	5620	12.78	13.50
	802.11n-HT20 MCS0	132	5660	12.34	13.50
		140	5700	12.87	13.50
		144	5720	12.85	13.50
	802.11n-HT40 MCS0	100	5500	12.43	13.50
		116	5580	12.52	13.50
		124	5620	12.44	13.50
	802.11n-HT80 MCS0	132	5660	12.69	13.50
		140	5700	12.71	13.50
		144	5720	12.41	13.50
	802.11ac-VHT20 MCS0	102	5510	10.87	12.50
		110	5550	11.09	12.50
		126	5630	11.42	12.50
	802.11ac-VHT40 MCS0	134	5670	11.58	12.50
		142	5710	11.66	12.50
	802.11ac-VHT80 MCS0	100	5500	12.23	13.50
		116	5580	12.67	13.50
		124	5620	12.83	13.50
	802.11ac-VHT20 MCS0	132	5660	12.71	13.50
		140	5700	12.79	13.50
		144	5720	12.62	13.50
	802.11ac-VHT40 MCS0	102	5510	10.98	12.50
		110	5550	11.29	12.50
		126	5630	11.37	12.50
	802.11ac-VHT80 MCS0	134	5670	11.61	12.50
		142	5710	10.89	12.50