

8 CONDUCTED RF OUPUT POWER

8.1	GSM Output Power
8.2	WCDMA Output Power
8.3	LTE Output Power
8.3.1	LTE Band2 Output Power
8.3.2	LTE Band4 Output Power
8.3.3	LTE Band5 Output Power
8.3.4	LTE Band7 Output Power
8.3.5	LTE Band12 Output Power
8.3.6	LTE Band17 Output Power
8.3.7	LTE Band26 Output Power
8.3.8	LTE Band66 Output Power
8.3.9	LTE Band38 Output Power
8.3.10	LTE Band41 Output Power

8.1 GSM Output Power

GSM 850 Ant.1 Full Power									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power (dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
Frequency (MHz)	824.2	836.6	848.8			824.2	836.6	848.8	
GSM (GMSK, 1-Slot)	30.10	30.17	30.14	31.00	9.19	20.91	20.98	20.95	21.81
GPRS (GMSK, 1-Slot)	30.10	30.15	30.12	31.00	9.19	20.91	20.96	20.93	21.81
GPRS (GMSK, 2-Slots)	30.01	30.07	30.06	31.00	6.13	23.88	23.94	23.93	24.87
GPRS (GMSK, 3-Slots)	28.14	28.22	28.05	29.00	4.42	23.72	23.80	23.63	24.58
GPRS (GMSK, 4-Slots)	26.19	26.24	26.07	27.00	3.18	23.01	23.06	22.89	23.82

GSM 850 Ant.2 Full Power									
GSM850 Band	Burst Average Power(dBm)			Tune-up Power (dBm)	Division Factors	Frame-Averaged power (dBm)			Tune-up Power (dBm)
Channel	128	190	251			128	190	251	
Frequency (MHz)	824.2	836.6	848.8			824.2	836.6	848.8	
GSM (GMSK, 1-Slot)	29.21	29.28	29.20	30.00	9.19	20.02	20.09	20.01	20.81
GPRS (GMSK, 1-Slot)	29.17	29.26	29.18	30.00	9.19	19.98	20.07	19.99	20.81
GPRS (GMSK, 2-Slots)	29.08	29.12	29.09	30.00	6.13	22.95	22.99	22.96	23.87
GPRS (GMSK, 3-Slots)	27.25	27.26	27.14	28.00	4.42	22.83	22.84	22.72	23.58
GPRS (GMSK, 4-Slots)	25.29	25.32	25.16	26.00	3.18	22.11	22.14	21.98	22.82

8.1 GSM Output Power

GSM 1900 Ant.1 Full Power									
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power (dBm)	Division Factors	Frame-Averaged power(dBm)			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
Frequency (MHz)	1850.2	1880	1909.8			1850.2	1880	1909.8	
GSM (GMSK, 1-Slot)	25.71	25.79	25.83	26.00	9.19	16.52	16.60	16.64	16.81
GPRS (GMSK, 1-Slot)	25.70	25.79	25.84	26.00	9.19	16.51	16.60	16.65	16.81
GPRS (GMSK, 2-Slots)	25.51	25.59	25.64	26.00	6.13	19.38	19.46	19.51	19.87
GPRS (GMSK, 3-Slots)	24.52	24.74	24.69	25.00	4.42	20.10	20.32	20.27	20.58
GPRS (GMSK, 4-Slots)	22.28	22.40	22.48	23.00	3.18	19.10	19.22	19.30	19.82

GSM 1900 Ant.2 Full Power									
GSM1900 Band	Burst Average Power(dBm)			Tune-up Power (dBm)	Division Factors	Frame-Averaged power(dBm)			Tune-up Power (dBm)
Channel	512	661	810			512	661	810	
Frequency (MHz)	1850.2	1880	1909.8			1850.2	1880	1909.8	
GSM (GMSK, 1-Slot)	26.79	26.81	26.84	27.50	9.19	17.60	17.62	17.65	18.31
GPRS (GMSK, 1-Slot)	26.69	26.72	26.75	27.50	9.19	17.50	17.53	17.56	18.31
GPRS (GMSK, 2-Slots)	25.07	25.22	25.17	26.00	6.13	18.94	19.09	19.04	19.87
GPRS (GMSK, 3-Slots)	23.57	23.61	23.76	24.00	4.42	19.15	19.19	19.34	19.58
GPRS (GMSK, 4-Slots)	21.84	21.89	22.07	22.50	3.18	18.66	18.71	18.89	19.32

8.2 WCDMA Output Power

WCDMA II Ant.1 Full Power				
Band	Band 2			Tune-up Limit Power(dBm)
TX Channel	9262	9400	9538	
RX Channel	9662	9800	9938	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	21.71	21.79	21.70	22.50
HSDPA Subtest-1	21.64	21.73	21.67	22.50
HSDPA Subtest-2	21.30	21.36	21.23	22.50
HSDPA Subtest-3	20.76	20.81	20.77	22.00
HSDPA Subtest-4	21.10	21.15	21.12	22.00
DC-HSDPA Subtest-1	21.59	21.65	21.61	22.50
DC-HSDPA Subtest-2	21.63	21.70	21.63	22.50
DC-HSDPA Subtest-3	21.16	21.24	21.18	22.00
DC-HSDPA Subtest-4	21.15	21.21	21.16	22.00
HSUPA Subtest-1	21.62	21.67	21.65	22.50
HSUPA Subtest-2	19.65	19.69	19.55	20.50
HSUPA Subtest-3	20.58	20.65	20.69	21.50
HSUPA Subtest-4	19.60	19.64	19.69	20.50
HSUPA Subtest-5	21.64	21.73	21.69	22.50

8.2 WCDMA Output Power

WCDMA IV Ant.1 Full Power				
Band	Band 4			Tune-up Limit Power(dBm)
TX Channel	1312	1413	1513	
RX Channel	1537	1638	1738	
Frequency	1712.40	1732.60	1752.60	
RMC 12.2Kbps	21.47	21.55	21.51	22.50
HSDPA Subtest-1	21.50	21.48	21.49	22.50
HSDPA Subtest-2	21.10	21.24	21.10	22.50
HSDPA Subtest-3	20.63	20.65	20.60	22.00
HSDPA Subtest-4	20.90	20.90	20.97	22.00
DC-HSDPA Subtest-1	21.39	21.45	21.36	22.50
DC-HSDPA Subtest-2	21.52	21.48	21.44	22.50
DC-HSDPA Subtest-3	20.94	21.00	20.95	22.00
DC-HSDPA Subtest-4	20.92	20.97	20.96	22.00
HSUPA Subtest-1	21.37	21.53	21.43	22.50
HSUPA Subtest-2	19.45	19.56	19.38	20.50
HSUPA Subtest-3	20.40	20.41	20.52	21.50
HSUPA Subtest-4	19.36	19.51	19.48	20.50
HSUPA Subtest-5	21.42	21.52	21.45	22.50

8.2 WCDMA Output Power

WCDMA V Ant.1 Full Power				
Band	Band 5			Tune-up Limit Power(dBm)
TX Channel	4132	4182	4233	
RX Channel	4357	4407	4458	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	22.38	22.41	22.36	23.50
HSDPA Subtest-1	21.34	21.39	21.31	22.50
HSDPA Subtest-2	21.26	21.32	21.23	22.50
HSDPA Subtest-3	21.11	21.26	21.02	22.00
HSDPA Subtest-4	21.15	21.15	21.04	22.00
DC-HSDPA Subtest-1	21.16	21.35	21.19	22.50
DC-HSDPA Subtest-2	21.10	21.42	21.28	22.50
DC-HSDPA Subtest-3	20.63	20.73	20.74	22.00
DC-HSDPA Subtest-4	20.66	20.83	20.81	22.00
HSUPA Subtest-1	21.07	21.27	21.22	22.50
HSUPA Subtest-2	19.29	19.28	19.15	20.50
HSUPA Subtest-3	20.06	20.41	20.26	21.50
HSUPA Subtest-4	19.06	19.31	19.21	20.50
HSUPA Subtest-5	21.13	21.24	21.26	22.50

8.3.1 LTE Band2 Output Power

LTE B2 Ant.1 Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.03	22.22	21.96	23.00
			49	22.00	22.16	21.79	23.00
			99	22.04	22.14	21.82	23.00
		50	0	20.71	20.88	20.70	22.00
			24	20.74	20.78	20.81	22.00
			50	20.81	20.78	20.70	22.00
		100	0	20.84	20.79	20.68	22.00
			0	20.77	20.72	21.28	22.00
			49	20.86	20.74	21.33	22.00
	16QAM	1	99	20.78	20.79	21.35	22.00
			0	19.35	19.41	19.24	21.00
			24	19.39	19.37	19.25	21.00
		50	50	19.40	19.35	19.34	21.00
			0	19.36	19.35	19.27	21.00
			0	20.41	20.30	20.82	21.00
		100	0	20.17	20.29	20.85	21.00
			99	20.51	20.52	20.80	21.00
			0	19.09	19.08	19.37	20.00
	64QAM	1	24	19.13	18.96	19.05	20.00
			50	19.14	19.06	19.08	20.00
			0	19.05	19.04	18.96	20.00
		50	0	18.75	18900	19125	Tune-up limit (dBm)
			Frequency (MHz)	1857.5	1880	1902.5	
			0	21.97	22.16	21.92	23.00
15	QPSK	1	37	21.94	22.09	21.70	23.00
			74	22.02	22.12	21.81	23.00
			0	20.68	20.79	20.62	22.00
		36	20	20.73	20.70	20.80	22.00
			39	20.78	20.71	20.69	22.00
			0	20.77	20.71	20.64	22.00
		75	0	20.72	20.68	21.21	22.00
			37	20.85	20.65	21.26	22.00
			74	20.74	20.71	21.26	22.00
	16QAM	1	0	19.34	19.40	19.22	21.00
			20	19.34	19.35	19.16	21.00
			39	19.37	19.34	19.29	21.00
		36	0	19.29	19.31	19.20	21.00
			0	20.34	20.29	20.75	21.00
			37	20.10	20.27	20.82	21.00
			74	20.49	20.48	20.79	21.00
		75	0	19.06	19.05	19.35	20.00
			20	19.11	18.94	19.04	20.00
			39	19.07	19.01	19.07	20.00
	64QAM	1	0	18.99	18.98	18.93	20.00
			0	18.50	18900	19150	Tune-up limit (dBm)
			Frequency (MHz)	1855	1880	1905	
10	QPSK	1	0	21.97	22.21	21.91	23.00
			25	21.97	22.14	21.76	23.00
			49	21.97	22.13	21.74	23.00
		25	0	20.70	20.82	20.62	22.00
			12	20.69	20.76	20.80	22.00
			25	20.75	20.76	20.64	22.00
		50	0	20.81	20.76	20.63	22.00
			0	20.69	20.64	21.19	22.00
			25	20.81	20.68	21.26	22.00
	16QAM	1	49	20.70	20.72	21.34	22.00
			0	19.27	19.38	19.21	21.00
			12	19.37	19.30	19.18	21.00
		25	25	19.37	19.28	19.28	21.00
			0	19.34	19.33	19.18	21.00
			0	20.39	20.25	20.75	21.00
		50	0	20.12	20.21	20.83	21.00
			25	20.50	20.43	20.72	21.00
			0	19.02	19.01	19.29	20.00
	64QAM	1	12	19.05	18.93	19.01	20.00
			25	19.06	19.01	19.01	20.00
			0	19.03	18.97	18.93	20.00

Channel				18625	18900	19175	Tune-up limit	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	
5	QPSK	1	0	22.02	22.16	21.93	23.00	
			12	21.96	22.12	21.74	23.00	
			24	21.96	22.05	21.77	23.00	
		12	0	20.62	20.86	20.66	22.00	
			7	20.67	20.75	20.78	22.00	
			13	20.78	20.73	20.65	22.00	
		25	0	20.77	20.72	20.64	22.00	
		16QAM	1	0	20.68	20.63	21.21	22.00
				12	20.83	20.72	21.25	22.00
	24			20.77	20.70	21.31	22.00	
	12		0	19.31	19.32	19.19	21.00	
			7	19.35	19.32	19.20	21.00	
			13	19.34	19.29	19.27	21.00	
	25		0	19.32	19.28	19.25	21.00	
	64QAM		1	0	20.37	20.21	20.75	21.00
				12	20.13	20.22	20.76	21.00
		24		20.42	20.51	20.72	21.00	
		12	0	19.04	19.06	19.31	20.00	
			7	19.12	18.93	18.97	20.00	
			13	19.08	19.04	19.02	20.00	
		25	0	18.97	18.95	18.94	20.00	
Channel				18615	18900	19185	Tune-up limit	
Frequency (MHz)				1851.5	1880	1908.5	(dBm)	
3	QPSK	1	0	21.94	22.14	21.88	23.00	
			8	21.91	22.08	21.78	23.00	
			14	21.96	22.11	21.78	23.00	
		8	0	20.65	20.85	20.62	22.00	
			4	20.71	20.73	20.80	22.00	
			7	20.80	20.73	20.61	22.00	
		15	0	20.81	20.71	20.60	22.00	
		16QAM	1	0	20.70	20.65	21.25	22.00
				8	20.83	20.68	21.32	22.00
	14			20.76	20.76	21.27	22.00	
	8		0	19.28	19.34	19.20	21.00	
			4	19.33	19.33	19.16	21.00	
			7	19.39	19.30	19.29	21.00	
	15		0	19.35	19.29	19.24	21.00	
	64QAM		1	0	20.32	20.24	20.77	21.00
				8	20.16	20.27	20.80	21.00
		14		20.50	20.48	20.74	21.00	
		8	0	19.03	19.02	19.28	20.00	
			4	19.10	18.95	19.00	20.00	
			7	19.10	19.04	19.07	20.00	
		15	0	18.97	19.03	18.90	20.00	
Channel				18607	18900	19193	Tune-up limit	
Frequency (MHz)				1850.7	1880	1909.3	(dBm)	
1.4	QPSK	1	0	21.97	22.18	21.99	23.00	
			3	21.92	22.12	21.97	23.00	
			5	21.95	22.12	21.98	23.00	
		3	0	21.29	21.16	21.22	23.00	
			1	21.33	21.32	21.25	23.00	
			3	21.32	21.15	21.19	23.00	
		6	0	20.19	20.18	20.09	22.00	
		16QAM	1	0	21.81	20.60	21.11	22.00
				3	21.82	20.60	21.11	22.00
	5			21.81	20.55	21.14	22.00	
	3		0	20.34	20.11	20.56	22.00	
			1	20.31	20.18	20.56	22.00	
			3	20.29	20.13	20.51	22.00	
	6		0	19.75	19.15	19.34	21.00	
	64QAM		1	0	20.55	19.13	20.67	21.00
				3	20.54	19.20	20.61	21.00
		5		20.49	19.14	20.70	21.00	
		3	0	20.59	19.92	19.87	21.00	
			1	20.48	19.92	19.85	21.00	
			3	20.51	19.93	19.83	21.00	
		6	0	19.42	19.20	19.00	20.00	

8.3.2 LTE Band4 Output Power

LTE B4 Ant.1 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	20.93	21.54	20.91	22.50		
			49	21.08	21.05	20.93	22.50		
			99	21.03	21.11	20.98	22.50		
		50	0	19.89	20.00	19.98	21.50		
			24	19.80	19.86	19.88	21.50		
			50	19.86	19.77	20.01	21.50		
		100	0	19.87	19.93	19.80	21.50		
			1	0	20.88	20.91	20.82	21.50	
				49	20.78	20.83	20.89	21.50	
	99	20.78		20.81	21.00	21.50			
	16QAM	50	0	18.78	18.80	18.88	20.50		
			24	18.95	18.96	18.86	20.50		
			50	18.87	18.93	18.86	20.50		
		100	0	18.85	18.99	18.91	20.50		
			64QAM	1	0	19.95	19.30	19.40	20.50
					49	19.79	19.26	19.31	20.50
	99	19.83			19.26	19.31	20.50		
	50	0		18.57	18.51	18.65	19.50		
		24		18.67	18.59	18.60	19.50		
		50		18.57	18.51	18.68	19.50		
	100	0		18.71	18.56	18.53	19.50		
Channel				20025	20175	20325			
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	20.96	21.48	20.85	22.50		
			37	21.03	21.11	20.98	22.50		
			74	21.00	21.08	20.92	22.50		
		36	0	19.90	20.02	19.98	21.50		
			20	19.79	19.82	19.90	21.50		
			39	19.80	19.74	19.97	21.50		
		75	0	19.85	19.99	19.86	21.50		
			1	0	20.85	20.86	20.85	21.50	
				37	20.76	20.82	20.90	21.50	
	74	20.84		20.79	21.03	21.50			
	16QAM	36	0	18.80	18.82	18.87	20.50		
			20	18.95	18.89	18.86	20.50		
			39	18.85	18.88	18.88	20.50		
		75	0	18.86	18.97	18.92	20.50		
			64QAM	1	0	19.92	19.27	19.45	20.50
					37	19.85	19.29	19.29	20.50
	74	19.84			19.22	19.27	20.50		
	36	0		18.57	18.56	18.66	19.50		
		20		18.64	18.61	18.59	19.50		
		39		18.61	18.49	18.74	19.50		
	75	0		18.69	18.60	18.54	19.50		
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	20.97	21.41	20.91	22.50		
			25	21.03	21.12	20.95	22.50		
			49	20.97	21.06	20.91	22.50		
		25	0	19.86	20.00	19.97	21.50		
			12	19.80	19.81	19.92	21.50		
			25	19.88	19.73	20.01	21.50		
		50	0	19.82	19.98	19.81	21.50		
			1	0	20.88	20.86	20.83	21.50	
				25	20.82	20.84	20.89	21.50	
	16QAM	25		49	20.81	20.80	21.04	21.50	
			0	18.80	18.82	18.88	20.50		
			12	18.93	18.93	18.91	20.50		
		50	25	18.90	18.94	18.84	20.50		
			0	18.86	18.94	18.88	20.50		
			64QAM	1	0	19.95	19.32	19.41	20.50
	25	19.83			19.30	19.26	20.50		
	49	19.87			19.23	19.34	20.50		
	25	0		18.57	18.53	18.71	19.50		
		12		18.64	18.58	18.63	19.50		
		25		18.53	18.52	18.70	19.50		
	50	0		18.73	18.59	18.52	19.50		

Channel				19975	20175	20375	Tune-up limit	
Frequency (MHz)				1712.5	1732.5	1752.5	(dBm)	
5	QPSK	1	0	20.96	21.47	20.86	22.50	
			12	21.04	21.05	21.00	22.50	
			24	20.97	21.05	20.93	22.50	
		12	0	19.85	19.98	19.99	21.50	
			7	19.77	19.82	19.92	21.50	
			13	19.84	19.74	19.95	21.50	
		25	0	19.86	19.95	19.83	21.50	
		16QAM	1	0	20.87	20.92	20.80	21.50
				12	20.80	20.82	20.96	21.50
	24			20.84	20.82	21.07	21.50	
	12		0	18.86	18.83	18.88	20.50	
			7	18.94	18.97	18.83	20.50	
			13	18.86	18.91	18.85	20.50	
	25		0	18.88	18.93	18.89	20.50	
	64QAM		1	0	19.89	19.30	19.46	20.50
				12	19.78	19.27	19.30	20.50
		24		19.79	19.21	19.31	20.50	
		12	0	18.56	18.55	18.65	19.50	
			7	18.62	18.62	18.66	19.50	
			13	18.53	18.53	18.69	19.50	
		25	0	18.73	18.59	18.60	19.50	
Channel				19965	20175	20385	Tune-up limit	
Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)	
3	QPSK	1	0	20.95	21.44	20.92	22.50	
			8	21.00	21.05	20.96	22.50	
			14	21.03	21.12	20.93	22.50	
		8	0	19.88	20.06	19.97	21.50	
			4	19.75	19.82	19.93	21.50	
			7	19.81	19.79	19.95	21.50	
		15	0	19.84	19.97	19.87	21.50	
		16QAM	1	0	20.86	20.88	20.86	21.50
				8	20.80	20.89	20.89	21.50
	14			20.77	20.79	21.01	21.50	
	8		0	18.80	18.86	18.92	20.50	
			4	18.89	18.90	18.88	20.50	
			7	18.90	18.88	18.90	20.50	
	15		0	18.91	18.95	18.86	20.50	
	64QAM		1	0	19.93	19.33	19.42	20.50
				8	19.81	19.30	19.34	20.50
		14		19.86	19.24	19.27	20.50	
		8	0	18.57	18.50	18.71	19.50	
			4	18.68	18.55	18.59	19.50	
			7	18.60	18.56	18.72	19.50	
		15	0	18.69	18.58	18.60	19.50	
Channel				19957	20175	20393	Tune-up limit	
Frequency (MHz)				1710.7	1732.5	1754.3	(dBm)	
1.4	QPSK	1	0	21.28	21.30	21.25	22.50	
			3	21.16	21.26	21.21	22.50	
			5	21.24	21.32	21.27	22.50	
		3	0	21.10	21.16	21.04	22.50	
			1	21.17	21.12	21.11	22.50	
			3	21.12	21.08	21.08	22.50	
		6	0	20.08	20.18	20.20	21.50	
		16QAM	1	0	21.21	21.30	21.04	22.50
				3	21.27	21.28	21.26	22.50
	5			21.21	21.29	21.32	22.50	
	3		0	20.24	20.36	19.93	21.50	
			1	20.35	20.15	20.22	21.50	
			3	20.33	20.25	19.93	21.50	
	6		0	19.41	19.35	19.20	20.50	
	64QAM		1	0	19.79	19.68	18.93	20.50
				3	19.77	19.59	18.86	20.50
		5		19.78	19.68	18.81	20.50	
		3	0	19.99	19.59	19.34	20.50	
			1	20.08	19.59	19.29	20.50	
			3	19.97	19.66	19.38	20.50	
		6	0	18.33	18.63	18.64	19.50	

8.3.3 LTE Band5 Output Power

LTE B5 Ant.1 Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	22.76	22.91	22.74	24.00
			25	22.77	22.79	22.70	24.00
			49	22.71	22.83	22.68	24.00
		25	0	21.63	21.93	21.77	23.00
			12	21.72	21.85	21.77	23.00
			25	21.75	21.71	21.78	23.00
		50	0	21.37	21.47	21.45	23.00
			0	22.54	22.61	22.56	23.00
			25	22.55	22.51	22.54	23.00
		16QAM	49	22.31	22.47	22.37	23.00
			0	20.68	20.64	20.58	22.00
			12	20.56	20.60	20.55	22.00
			25	20.57	20.75	20.57	22.00
			0	20.58	20.62	20.57	22.00
		64QAM	0	20.68	20.71	20.64	22.00
			25	20.65	20.80	20.66	22.00
			49	20.49	20.63	20.63	22.00
			0	19.57	19.70	19.62	21.00
			12	19.66	19.63	19.53	21.00
			25	19.61	19.72	19.67	21.00
			0	19.59	19.68	19.69	21.00
			0	20.425	20525	20625	Tune-up limit (dBm)
			0	826.5	836.5	846.5	
5	QPSK	1	0	22.77	22.85	22.80	24.00
			12	22.72	22.84	22.66	24.00
			24	22.68	22.80	22.69	24.00
		12	0	21.57	21.88	21.75	23.00
			7	21.66	21.82	21.74	23.00
			13	21.72	21.62	21.76	23.00
		25	0	21.38	21.42	21.47	23.00
			0	22.53	22.60	22.56	23.00
			12	22.41	22.57	22.47	23.00
		16QAM	24	22.41	22.48	22.25	23.00
			0	20.64	20.76	20.66	22.00
			7	20.65	20.62	20.48	22.00
			13	20.61	20.75	20.56	22.00
		64QAM	0	20.51	20.67	20.63	22.00
			0	20.66	20.78	20.75	22.00
			12	20.70	20.80	20.74	22.00
			24	20.58	20.73	20.51	22.00
			0	19.53	19.61	19.54	21.00
			7	19.57	19.68	19.63	21.00
			13	19.65	19.74	19.57	21.00
			0	19.69	19.67	19.66	21.00
			0	20415	20525	20635	Tune-up limit (dBm)
			0	825.5	836.5	847.5	
3	QPSK	1	0	22.75	22.86	22.75	24.00
			8	22.81	22.82	22.67	24.00
			14	22.71	22.84	22.64	24.00
		8	0	21.54	21.86	21.68	23.00
			4	21.67	21.80	21.76	23.00
			7	21.66	21.67	21.74	23.00
		15	0	21.36	21.40	21.40	23.00
			0	22.53	22.63	22.54	23.00
			8	22.51	22.55	22.51	23.00
		16QAM	14	22.35	22.48	22.26	23.00
			0	20.74	20.75	20.62	22.00
			4	20.55	20.72	20.50	22.00
			7	20.51	20.69	20.63	22.00
			0	20.56	20.71	20.59	22.00
		64QAM	0	20.68	20.73	20.69	22.00
			8	20.60	20.70	20.64	22.00
			14	20.48	20.76	20.52	22.00
			0	19.52	19.67	19.61	21.00
			4	19.63	19.62	19.54	21.00
			7	19.63	19.71	19.63	21.00
			0	19.56	19.70	19.69	21.00
			0	20407	20525	20643	Tune-up limit (dBm)
			0	824.7	836.5	848.3	
1.4	QPSK	1	0	22.76	22.86	22.74	24.00
			3	22.77	22.78	22.79	24.00
			5	22.66	22.81	22.70	24.00
		3	0	22.60	22.65	22.61	24.00
			1	22.44	22.43	22.40	24.00
			3	22.46	22.47	22.45	24.00
		6	0	21.58	21.50	21.37	23.00
			0	22.05	22.22	22.06	23.00
			3	22.21	22.25	22.20	23.00
		16QAM	5	22.03	22.08	21.92	23.00
			0	21.67	21.75	21.82	23.00
			1	21.86	21.82	21.74	23.00
			3	21.59	21.69	21.68	23.00
			0	20.67	20.78	20.71	22.00
		64QAM	0	20.81	20.79	20.77	22.00
			3	20.79	20.95	20.71	22.00
			5	20.72	20.89	20.79	22.00
			0	20.79	20.91	20.86	22.00
			1	20.72	20.89	20.73	22.00
			3	20.77	20.81	20.84	22.00
			0	19.71	19.89	19.79	21.00

8.3.4 LTE Band7 Output Power

LTE B7 Ant.1 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up lim (dBm)		
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.90	22.19	22.07	23.00		
			49	22.00	22.11	22.00	23.00		
			99	22.08	22.14	22.09	23.00		
		50	0	20.94	21.18	21.17	22.00		
			24	20.99	21.15	21.16	22.00		
			50	20.99	21.12	21.14	22.00		
		100	0	21.04	21.16	21.24	22.00		
			16QAM	1	0	21.31	21.77	21.45	22.00
					49	21.42	21.74	21.46	22.00
	99	21.44			21.80	21.37	22.00		
	50	0		20.10	20.27	20.16	21.00		
		24		20.13	20.13	20.22	21.00		
		50		20.35	20.22	20.10	21.00		
	100	0		20.11	20.20	20.17	21.00		
		64QAM		1	0	19.20	19.23	19.86	21.00
					49	19.32	19.33	19.98	21.00
	99		19.55		19.39	20.00	21.00		
	50		0	19.12	19.07	19.15	20.00		
			24	19.22	19.04	19.24	20.00		
			50	19.15	19.00	19.19	20.00		
	100		0	19.01	19.19	19.19	20.00		
Channel				20825	21100	21375	Tune-up power(dBm)		
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.89	22.16	22.00	23.00		
			37	21.98	22.09	21.95	23.00		
			74	21.99	22.09	22.02	23.00		
		36	0	20.91	21.17	21.08	22.00		
			20	20.94	21.10	21.14	22.00		
			39	20.96	21.15	21.18	22.00		
		75	0	20.97	21.15	21.20	22.00		
			16QAM	1	0	21.28	21.68	21.39	22.00
					37	21.37	21.70	21.42	22.00
	74	21.39			21.76	21.36	22.00		
	36	0		20.06	20.25	20.07	21.00		
		20		20.10	20.05	20.19	21.00		
		39		20.26	20.21	20.06	21.00		
	75	0		20.08	20.12	20.11	21.00		
		64QAM		1	0	19.13	19.18	19.84	21.00
					37	19.26	19.25	19.94	21.00
	74		19.51		19.31	19.95	21.00		
	36		0	19.07	19.05	19.11	20.00		
			20	19.13	19.00	19.18	20.00		
			39	19.07	18.93	19.11	20.00		
	75		0	18.93	19.18	19.16	20.00		
Channel				20800	21100	21400	Tune-up power(dBm)		
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.84	22.17	22.03	23.00		
			25	21.94	22.09	21.96	23.00		
			49	21.99	22.06	22.00	23.00		
		25	0	20.86	21.17	21.15	22.00		
			12	20.90	21.09	21.13	22.00		
			25	20.91	21.16	21.18	22.00		
		50	0	21.01	21.12	21.20	22.00		
			16QAM	1	0	21.25	21.71	21.44	22.00
					25	21.35	21.65	21.40	22.00
	49	21.36			21.72	21.28	22.00		
	25	0		20.02	20.23	20.15	21.00		
		12		20.12	20.10	20.13	21.00		
		25		20.29	20.15	20.03	21.00		
	50	0		20.02	20.16	20.10	21.00		
		64QAM		1	0	19.18	19.17	19.80	21.00
					25	19.28	19.24	19.93	21.00
	49		19.54		19.35	19.97	21.00		
	25		0	19.10	19.00	19.14	20.00		
			12	19.14	19.03	19.15	20.00		
			25	19.07	18.98	19.12	20.00		
	50		0	18.99	19.17	19.15	20.00		
Channel				20775	21100	21425	Tune-up power(dBm)		
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.87	22.16	22.03	23.00		
			12	21.95	22.05	21.96	23.00		
			24	22.04	22.05	22.00	23.00		
		12	0	20.87	21.17	21.11	22.00		
			7	20.98	21.12	21.10	22.00		
			13	20.97	21.12	21.17	22.00		
		25	0	20.95	21.11	21.18	22.00		
			16QAM	1	0	21.23	21.75	21.36	22.00
					12	21.34	21.70	21.40	22.00
	24	21.37			21.76	21.29	22.00		
	12	0		20.06	20.23	20.15	21.00		
		7		20.04	20.11	20.17	21.00		
		13		20.27	20.14	20.06	21.00		
	25	0		20.05	20.12	20.15	21.00		
		64QAM		1	0	19.13	19.18	19.84	21.00
					12	19.23	19.29	19.93	21.00
	24		19.52		19.33	19.91	21.00		
	12		0	19.11	18.98	19.12	20.00		
			7	19.21	19.02	19.19	20.00		
			13	19.10	18.92	19.18	20.00		
	25		0	18.95	19.10	19.11	20.00		

8.3.4 LTE Band7 Output Power

LTE B7 Ant.2 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up lim (dBm)		
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.12	22.18	22.07	23.00		
			49	22.12	22.14	22.03	23.00		
			99	22.05	22.10	21.96	23.00		
		50	0	21.14	21.15	21.07	22.00		
			24	21.05	21.10	20.99	22.00		
			50	20.99	21.09	21.06	22.00		
		100	0	21.00	21.03	20.89	22.00		
			0	21.61	21.73	21.71	22.00		
			49	21.62	21.65	21.59	22.00		
		16QAM	1	99	21.57	21.66	21.58	22.00	
				0	20.19	20.27	20.22	21.00	
				24	20.10	20.14	20.03	21.00	
	50		50	20.02	20.16	20.09	21.00		
			0	20.06	20.17	20.10	21.00		
			0	20.21	20.26	20.24	21.00		
	64QAM	1	49	20.00	20.11	20.07	21.00		
			99	19.93	20.08	19.97	21.00		
			0	19.08	19.21	19.09	20.00		
		50	24	18.99	19.03	18.96	20.00		
			50	18.96	19.07	19.00	20.00		
			0	19.05	19.12	19.09	20.00		
		100	0	20.825	21.100	21.375	Tune-up power(dBm)		
			Frequency (MHz)				2507.5	2535	2562.5
			15	QPSK	1	0	21.97	22.09	22.01
		37				22.08	22.05	21.97	23.00
		74				21.92	22.08	21.87	23.00
		36			0	21.00	21.12	21.04	22.00
20	20.96				20.99	20.91	22.00		
39	20.98				20.99	20.95	22.00		
75	0	20.90			20.99	20.75	22.00		
	0	21.50			21.59	21.70	22.00		
	37	21.49			21.50	21.53	22.00		
16QAM	1	74			21.46	21.51	21.52	22.00	
		0			20.08	20.19	20.16	21.00	
		20			20.04	19.99	19.88	21.00	
	36	39		19.87	20.12	19.98	21.00		
		0		20.05	20.13	20.01	21.00		
		0		20.07	20.21	20.21	21.00		
64QAM	1	37		19.99	19.99	19.99	21.00		
		74		19.81	19.94	19.90	21.00		
		0		18.94	19.14	18.94	20.00		
	36	20		18.87	19.00	18.93	20.00		
		39		18.87	19.00	18.89	20.00		
		75		0	19.04	19.00	19.07	20.00	
Channel				20800	21100	21400	Tune-up power(dBm)		
Frequency (MHz)				2505	2535	2565			
10	QPSK	1		0	22.04	22.13	22.02	23.00	
				25	22.02	22.00	21.89	23.00	
				49	21.94	22.07	21.82	23.00	
		25		0	21.13	21.14	21.00	22.00	
			12	20.93	21.08	20.84	22.00		
			25	20.86	21.04	20.94	22.00		
		50	0	20.87	20.95	20.79	22.00		
			0	21.51	21.59	21.68	22.00		
			25	21.55	21.51	21.46	22.00		
		16QAM	1	49	21.51	21.52	21.49	22.00	
				0	20.15	20.12	20.10	21.00	
				12	20.02	20.10	20.02	21.00	
	25		25	19.89	20.13	20.03	21.00		
			0	19.98	20.15	20.01	21.00		
			0	20.18	20.19	20.22	21.00		
	64QAM	1	25	19.91	20.05	20.06	21.00		
			49	19.87	20.01	19.87	21.00		
			0	18.98	19.06	19.07	20.00		
		25	12	18.85	19.00	18.90	20.00		
			25	18.82	18.98	18.99	20.00		
			0	18.96	19.06	19.06	20.00		
		50	0	20.12	20.17	20.12	21.00		
			12	19.90	19.97	19.97	21.00		
			24	19.85	19.95	19.92	21.00		
	Channel				20775	21100	21425	Tune-up power(dBm)	
	Frequency (MHz)				2502.5	2535	2567.5		
	5	QPSK	1	0	22.08	22.17	21.95	23.00	
12				22.04	22.11	21.98	23.00		
24				21.94	21.96	21.86	23.00		
12			0	20.99	21.09	21.00	22.00		
			7	20.90	21.08	20.92	22.00		
			13	20.86	21.07	21.01	22.00		
25			0	20.86	20.95	20.83	22.00		
			0	21.55	21.61	21.70	22.00		
			12	21.60	21.57	21.47	22.00		
16QAM			1	24	21.55	21.55	21.46	22.00	
				0	20.13	20.18	20.09	21.00	
				7	20.05	20.05	19.95	21.00	
		12	13	19.91	20.08	20.08	21.00		
			0	19.98	20.06	20.06	21.00		
			0	20.12	20.17	20.12	21.00		
64QAM		1	12	19.90	19.97	19.97	21.00		
			24	19.85	19.95	19.92	21.00		
			0	18.94	19.17	18.98	20.00		
		12	7	18.93	18.91	18.86	20.00		
			13	18.82	19.06	18.90	20.00		
			0	18.98	19.06	19.02	20.00		

8.3.5 LTE Band12 Output Power

LTE B12 Ant.1 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	23.22	23.36	23.26	24.50		
			25	23.21	23.29	23.26	24.50		
			49	23.15	23.19	23.17	24.50		
		25	0	22.42	22.47	22.41	23.50		
			12	22.27	22.44	22.23	23.50		
			25	22.29	22.33	22.25	23.50		
		50	0	22.28	22.44	22.33	23.50		
			16QAM	1	0	22.84	22.88	22.73	23.50
					25	22.79	22.96	22.91	23.50
		49			22.87	22.86	22.80	23.50	
		25		0	21.65	21.78	21.56	22.50	
				12	21.75	21.77	21.69	22.50	
	25		21.80	21.75	21.78	22.50			
	64QAM	50	0	21.66	21.65	21.63	22.50		
			0	21.47	21.62	21.55	22.50		
			1	25	21.53	21.58	21.59	22.50	
		25		49	21.64	21.68	21.70	22.50	
				0	20.67	20.61	20.53	21.50	
			12	20.54	20.69	20.71	21.50		
		25	20.76	20.78	20.64	21.50			
		50	0	20.49	20.55	20.53	21.50		
Channel				23035	23095	23155	Tune-up power(dBm)		
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	23.21	23.32	23.17	24.50		
			12	23.15	23.20	23.23	24.50		
			24	23.11	23.15	23.15	24.50		
		12	0	22.35	22.44	22.37	23.50		
			7	22.26	22.43	22.17	23.50		
			13	22.21	22.31	22.22	23.50		
		25	0	22.23	22.35	22.31	23.50		
			16QAM	1	0	22.80	22.86	22.72	23.50
					12	22.73	22.91	22.84	23.50
		24			22.82	22.77	22.76	23.50	
		12		0	21.60	21.72	21.54	22.50	
				7	21.71	21.76	21.67	22.50	
	13		21.76	21.72	21.71	22.50			
	64QAM	25	0	21.64	21.64	21.58	22.50		
			1	0	21.39	21.56	21.53	22.50	
				12	21.50	21.55	21.57	22.50	
		12		24	21.60	21.66	21.66	22.50	
			0	20.58	20.57	20.45	21.50		
			7	20.51	20.66	20.63	21.50		
	25	13	20.70	20.69	20.61	21.50			
		0	20.44	20.46	20.48	21.50			
Channel				23025	23095	23165	Tune-up power(dBm)		
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	23.19	23.31	23.25	24.50		
			8	23.14	23.25	23.23	24.50		
			14	23.14	23.12	23.14	24.50		
		8	0	22.41	22.38	22.37	23.50		
			4	22.26	22.42	22.14	23.50		
			7	22.27	22.27	22.24	23.50		
		15	0	22.25	22.36	22.27	23.50		
			0	22.80	22.81	22.71	23.50		
			8	22.75	22.91	22.89	23.50		
		16QAM	1	14	22.84	22.77	22.73	23.50	
				0	21.63	21.75	21.51	22.50	
				4	21.66	21.74	21.65	22.50	
	8		7	21.78	21.74	21.70	22.50		
			15	0	21.63	21.64	21.55	22.50	
		64QAM	1	0	21.38	21.59	21.48	22.50	
	8			21.48	21.51	21.53	22.50		
	14			21.58	21.64	21.68	22.50		
	8		0	20.61	20.52	20.47	21.50		
			4	20.47	20.67	20.68	21.50		
			7	20.68	20.69	20.60	21.50		
	15		0	20.48	20.54	20.48	21.50		
Channel				23017	23095	23173	Tune-up power(dBm)		
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	23.22	23.33	23.25	24.50		
			3	23.23	23.25	23.17	24.50		
			5	23.31	23.31	23.25	24.50		
		3	0	23.21	23.25	23.21	24.50		
			1	23.16	23.27	23.17	24.50		
			3	23.17	23.31	23.29	24.50		
		6	0	22.32	22.40	22.31	23.50		
			0	22.51	22.52	22.42	23.50		
			16QAM	1	3	22.50	22.63	22.56	23.50
		5			22.48	22.63	22.60	23.50	
		0			21.92	22.05	21.99	23.50	
		3		1	21.89	22.00	21.90	23.50	
	3			22.00	22.02	21.90	23.50		
	6		0	21.18	21.27	21.21	22.50		
	64QAM	1	0	20.82	20.95	20.92	22.50		
			3	20.79	20.90	20.76	22.50		
			5	20.81	20.95	20.93	22.50		
		3	0	20.92	21.02	21.01	22.50		
			1	20.83	20.94	20.83	22.50		
			3	20.92	20.96	20.85	22.50		
		6	0	19.87	19.96	19.85	21.50		

8.3.6 LTE Band17 Output Power

LTE B17 Ant.1 Full Power								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.21	23.27	23.19	24.50	
			25	23.19	23.24	23.17	24.50	
			49	23.10	23.12	23.15	24.50	
		25	0	22.40	22.41	22.40	23.50	
			12	22.21	22.39	22.15	23.50	
			25	22.25	22.29	22.18	23.50	
		50	0	22.21	22.42	22.25	23.50	
			0	22.76	22.84	22.71	23.50	
			25	22.71	22.93	22.83	23.50	
	16QAM	1	49	22.84	22.82	22.74	23.50	
			0	21.61	21.74	21.49	22.50	
			12	21.68	21.71	21.62	22.50	
		25	25	21.79	21.66	21.74	22.50	
			0	21.62	21.60	21.58	22.50	
			0	21.44	21.59	21.53	22.50	
		64QAM	1	25	21.48	21.56	21.53	22.50
				49	21.56	21.64	21.69	22.50
				0	20.61	20.58	20.45	21.50
	25		12	20.51	20.60	20.66	21.50	
			25	20.73	20.75	20.56	21.50	
			0	20.44	20.50	20.52	21.50	
	Channel				23755	23790	23825	Tune-up power(dBm)
Frequency (MHz)				706.5	710	713.5		
5	QPSK		1	0	23.17	23.31	23.24	24.50
		12		23.16	23.28	23.19	24.50	
		24		23.10	23.12	23.14	24.50	
		12	0	22.33	22.46	22.37	23.50	
			7	22.25	22.39	22.21	23.50	
			13	22.24	22.32	22.23	23.50	
		25	0	22.23	22.43	22.32	23.50	
			0	22.80	22.81	22.65	23.50	
			12	22.78	22.90	22.84	23.50	
	16QAM	1	24	22.80	22.85	22.73	23.50	
			0	21.56	21.71	21.47	22.50	
			7	21.68	21.72	21.61	22.50	
		12	13	21.77	21.68	21.75	22.50	
			0	21.61	21.64	21.58	22.50	
			0	21.39	21.53	21.49	22.50	
		64QAM	1	12	21.50	21.57	21.56	22.50
				24	21.59	21.66	21.67	22.50
				0	20.58	20.54	20.46	21.50
	12		7	20.50	20.65	20.67	21.50	
			13	20.75	20.71	20.61	21.50	
			0	20.47	20.49	20.52	21.50	

8.3.7 LTE Band26 Output Power

LTE B26 Ant.1 Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	22.95	23.03	22.85	24.00
			37	22.92	22.90	22.89	24.00
			74	22.87	22.95	22.80	24.00
		36	0	21.80	22.05	21.89	23.00
			20	21.87	21.97	21.95	23.00
			39	21.93	21.85	21.89	23.00
		75	0	21.51	21.60	21.59	23.00
			0	22.65	22.74	22.67	23.00
			37	22.70	22.67	22.72	23.00
	16QAM	1	74	22.43	22.58	22.49	23.00
			0	20.85	20.75	20.76	22.00
			20	20.70	20.72	20.69	22.00
		36	39	20.75	20.92	20.69	22.00
			0	20.69	20.75	20.68	22.00
		75	0	20.83	20.87	20.82	22.00
			37	20.79	20.91	20.78	22.00
			74	20.65	20.76	20.82	22.00
		64QAM	0	19.72	19.84	19.81	21.00
			20	19.83	19.81	19.70	21.00
			39	19.80	19.83	19.81	21.00
		75	0	19.77	19.85	19.87	21.00
			0	26740	26865	26990	Tune-up limit (dBm)
			0	819	831.5	844	
10	QPSK	1	0	22.91	23.00	22.81	24.00
			25	22.84	22.89	22.88	24.00
			49	22.78	22.90	22.74	24.00
		25	0	21.73	21.96	21.81	23.00
			12	21.81	21.91	21.87	23.00
			25	21.84	21.80	21.81	23.00
		50	0	21.47	21.52	21.57	23.00
			0	22.63	22.71	22.63	23.00
			25	22.67	22.59	22.64	23.00
	16QAM	1	49	22.41	22.55	22.46	23.00
			0	20.81	20.69	20.74	22.00
			12	20.65	20.63	20.68	22.00
		25	25	20.73	20.89	20.68	22.00
			0	20.68	20.71	20.65	22.00
		50	0	20.81	20.83	20.76	22.00
			25	20.78	20.87	20.76	22.00
			49	20.56	20.74	20.76	22.00
		64QAM	0	19.66	19.80	19.80	21.00
			12	19.77	19.73	19.67	21.00
			25	19.75	19.74	19.78	21.00
		50	0	19.71	19.80	19.82	21.00
			0	26715	26865	27015	Tune-up limit (dBm)
			0	816.5	831.5	846.5	
5	QPSK	1	0	22.92	22.98	22.76	24.00
			12	22.90	22.86	22.85	24.00
			24	22.84	22.89	22.75	24.00
		12	0	21.79	21.96	21.86	23.00
			7	21.86	21.93	21.91	23.00
			13	21.90	21.83	21.84	23.00
		25	0	21.49	21.58	21.54	23.00
			0	22.56	22.66	22.64	23.00
			12	22.69	22.66	22.67	23.00
	16QAM	1	24	22.38	22.54	22.41	23.00
			0	20.83	20.67	20.67	22.00
			7	20.68	20.66	20.63	22.00
		12	13	20.71	20.90	20.63	22.00
			0	20.63	20.71	20.67	22.00
			0	20.82	20.81	20.79	22.00
		25	12	20.70	20.85	20.70	22.00
			24	20.57	20.67	20.75	22.00
			0	19.70	19.82	19.77	21.00
		64QAM	7	19.76	19.77	19.68	21.00
			13	19.75	19.80	19.75	21.00
			0	19.73	19.83	19.82	21.00

Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	
3	QPSK	1	0	22.86	23.00	22.84	24.00
			8	22.83	22.83	22.80	24.00
			14	22.85	22.88	22.79	24.00
		8	0	21.74	22.01	21.80	23.00
			4	21.83	21.92	21.94	23.00
			7	21.86	21.77	21.83	23.00
		15	0	21.49	21.58	21.51	23.00
			0	22.61	22.70	22.65	23.00
			8	22.63	22.63	22.64	23.00
	16QAM	1	14	22.39	22.50	22.43	23.00
			0	20.80	20.67	20.72	22.00
			4	20.67	20.64	20.68	22.00
		8	7	20.74	20.88	20.66	22.00
			0	20.65	20.72	20.60	22.00
			0	20.75	20.82	20.81	22.00
		15	8	20.77	20.89	20.71	22.00
			14	20.63	20.73	20.79	22.00
			0	19.63	19.76	19.78	21.00
	64QAM	1	4	19.78	19.77	19.62	21.00
			7	19.76	19.77	19.75	21.00
			0	19.69	19.81	19.86	21.00
		8	0	22.82	22.88	22.71	24.00
			3	22.74	22.75	22.74	24.00
			5	22.64	22.70	22.63	24.00
		3	0	22.47	22.62	22.49	24.00
			1	22.38	22.52	22.37	24.00
			3	22.41	22.42	22.46	24.00
		6	0	21.48	21.50	21.41	23.00
			0	22.25	22.29	22.16	23.00
			3	22.37	22.34	22.44	23.00
	16QAM	1	5	22.29	22.32	22.20	23.00
			0	21.73	21.75	21.78	23.00
			1	21.77	21.77	21.74	23.00
		3	3	21.54	21.72	21.60	23.00
			0	20.67	20.82	20.70	22.00
			0	20.70	20.85	20.72	22.00
		6	3	20.84	20.88	20.82	22.00
			5	20.79	20.82	20.75	22.00
			0	20.80	20.85	20.76	22.00
1.4	64QAM	1	1	20.78	20.79	20.71	22.00
			3	20.74	20.75	20.83	22.00
			0	19.70	19.89	19.81	21.00

8.3.8 LTE Band66 Output Power

LTE B66 Ant.1 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.90	22.37	21.81	23.00		
			49	21.97	22.01	21.90	23.00		
			99	21.93	22.02	21.87	23.00		
		50	0	20.81	20.95	20.88	22.00		
			24	20.72	20.77	20.85	22.00		
			50	20.77	20.68	20.92	22.00		
			100	0	20.77	20.89	20.76	22.00	
				0	21.78	21.81	21.76	22.00	
				49	21.73	21.79	21.85	22.00	
	16QAM	1	99	21.74	21.74	21.96	22.00		
			0	19.75	19.77	19.84	21.00		
			24	19.84	19.86	19.80	21.00		
		50	50	19.82	19.85	19.80	21.00		
			0	19.80	19.89	19.81	21.00		
			0	20.86	20.22	20.36	21.00		
		64QAM	1	49	20.75	20.21	20.23	21.00	
				99	20.76	20.15	20.24	21.00	
				0	19.50	19.46	19.62	20.00	
	50		24	19.58	19.51	19.55	20.00		
			50	19.50	19.46	19.65	20.00		
			0	19.65	19.51	19.49	20.00		
	Channel				132047	132322	132597	Tune-up limit	
	Frequency (MHz)				1717.5	1745	1772.5	(dBm)	
	15		QPSK	1	0	21.86	22.05	21.75	23.00
37		21.90			21.92	21.88	23.00		
74		21.84			21.95	21.83	23.00		
36		0		20.75	20.92	20.80	22.00		
		20		20.69	20.68	20.77	22.00		
		39		20.70	20.60	20.91	22.00		
		75		0	20.72	20.87	20.71	22.00	
				0	21.69	21.75	21.67	22.00	
				37	21.67	21.71	21.83	22.00	
16QAM		1	74	21.70	21.65	21.92	22.00		
			0	19.68	19.70	19.82	21.00		
			20	19.83	19.85	19.75	21.00		
		36	39	19.79	19.79	19.73	21.00		
			0	19.78	19.88	19.73	21.00		
			0	20.83	20.20	20.34	21.00		
		64QAM	1	37	20.71	20.17	20.19	21.00	
				74	20.70	20.06	20.21	21.00	
				0	19.42	19.40	19.60	20.00	
36			20	19.55	19.42	19.54	20.00		
			39	19.46	19.42	19.62	20.00		
			0	19.59	19.43	19.44	20.00		
Channel				132022	132322	132622	Tune-up limit		
Frequency (MHz)				1715	1745	1775	(dBm)		
10		QPSK	1	0	21.84	22.04	21.76	23.00	
	25			21.93	21.92	21.81	23.00		
	49			21.86	21.99	21.83	23.00		
	25		0	20.72	20.89	20.84	22.00		
			12	20.71	20.68	20.81	22.00		
			25	20.71	20.62	20.88	22.00		
			50	0	20.75	20.81	20.68	22.00	
				0	21.69	21.73	21.69	22.00	
				25	21.70	21.74	21.76	22.00	
	16QAM	1	49	21.73	21.73	21.89	22.00		
			0	19.70	19.70	19.82	21.00		
			12	19.80	19.80	19.73	21.00		
		25	25	19.77	19.82	19.75	21.00		
			0	19.79	19.85	19.73	21.00		
			0	20.80	20.21	20.29	21.00		
		64QAM	1	25	20.70	20.16	20.16	21.00	
				49	20.73	20.07	20.15	21.00	
				0	19.46	19.44	19.59	20.00	
	25		12	19.57	19.49	19.52	20.00		
			25	19.49	19.40	19.58	20.00		
			0	19.63	19.49	19.48	20.00		

Channel				131997	132322	132647	Tune-up limit		
Frequency (MHz)				1712.5	1745	1777.5	(dBm)		
5	QPSK	1	0	21.87	22.08	21.79	23.00		
			12	21.89	21.92	21.84	23.00		
			24	21.86	21.96	21.78	23.00		
		12	0	20.76	20.89	20.85	22.00		
			7	20.66	20.68	20.81	22.00		
			13	20.70	20.67	20.91	22.00		
		25	0	20.72	20.84	20.69	22.00		
			16QAM	1	0	21.73	21.79	21.74	22.00
					12	21.72	21.76	21.78	22.00
	24	21.73			21.68	21.90	22.00		
	12	0		19.73	19.72	19.82	21.00		
		7		19.75	19.77	19.74	21.00		
		13		19.75	19.78	19.71	21.00		
	25	0		19.72	19.85	19.76	21.00		
		64QAM		1	0	20.84	20.18	20.35	21.00
					12	20.69	20.16	20.17	21.00
	24		20.67		20.10	20.15	21.00		
	12		0	19.47	19.44	19.54	20.00		
			7	19.57	19.48	19.49	20.00		
			13	19.46	19.41	19.64	20.00		
	25		0	19.64	19.45	19.41	20.00		
Channel				131987	132322	132657	Tune-up limit		
Frequency (MHz)				1711.5	1745	1778.5	(dBm)		
3	QPSK	1	0	21.89	22.01	21.74	23.00		
			8	21.96	21.95	21.88	23.00		
			14	21.92	21.95	21.83	23.00		
		8	0	20.80	20.89	20.86	22.00		
			4	20.67	20.76	20.84	22.00		
			7	20.71	20.59	20.91	22.00		
		15	0	20.71	20.83	20.71	22.00		
			16QAM	1	0	21.71	21.77	21.67	22.00
					8	21.72	21.70	21.77	22.00
	14	21.65			21.65	21.88	22.00		
	8	0		19.74	19.74	19.79	21.00		
		4		19.75	19.82	19.71	21.00		
		7		19.75	19.77	19.78	21.00		
	15	0		19.75	19.85	19.80	21.00		
		64QAM		1	0	20.82	20.19	20.29	21.00
					8	20.71	20.20	20.17	21.00
	14		20.74		20.14	20.19	21.00		
	8		0	19.41	19.39	19.59	20.00		
			4	19.53	19.48	19.52	20.00		
			7	19.42	19.40	19.61	20.00		
	15		0	19.62	19.49	19.48	20.00		
Channel				131979	132322	132665	Tune-up limit		
Frequency (MHz)				1710.7	1745	1779.3	(dBm)		
1.4	QPSK	1	0	21.79	21.84	21.80	23.00		
			3	21.67	21.79	21.75	23.00		
			5	21.80	21.87	21.77	23.00		
		3	0	21.65	21.67	21.60	23.00		
			1	21.72	21.68	21.66	23.00		
			3	21.68	21.60	21.62	23.00		
		6	0	20.64	20.68	20.77	22.00		
			16QAM	1	0	21.78	21.82	21.53	22.00
					3	21.80	21.77	21.79	22.00
	5	21.75			21.78	21.82	22.00		
	3	0		20.79	20.85	20.44	22.00		
		1		20.90	20.67	20.42	22.00		
		3		20.84	20.76	20.46	22.00		
	6	0		19.90	19.86	19.74	21.00		
		64QAM		1	0	20.74	20.61	19.84	21.00
					3	20.71	20.56	19.79	21.00
	5		20.68		20.57	19.75	21.00		
	3		0	20.90	20.53	20.29	21.00		
			1	20.99	20.54	20.24	21.00		
			3	20.91	20.56	20.27	21.00		
	6		0	19.24	19.56	19.58	20.00		

8.3.9 LTE Band38 Output Power

LTE B38 Ant.1 Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.35	22.65	22.43	23.50		
			49	22.39	22.46	22.21	23.50		
			99	22.34	22.48	22.24	23.50		
		50	0	21.23	21.55	21.38	22.50		
			24	21.24	21.38	21.47	22.50		
			50	21.22	21.39	21.41	22.50		
		100	0	21.18	21.35	21.46	22.50		
			16QAM	1	0	21.80	22.12	21.55	22.50
		49			21.77	21.76	21.58	22.50	
		99			21.84	22.25	21.93	22.50	
		50		0	20.28	20.26	20.40	21.50	
	24			20.34	20.27	20.39	21.50		
	50			20.40	20.28	20.42	21.50		
	100	0		20.35	20.50	20.49	21.50		
		64QAM		1	0	20.60	20.64	21.12	21.50
	49				20.68	20.83	20.59	21.50	
	99				20.84	21.05	20.63	21.50	
	50			0	19.28	19.22	19.35	20.50	
			24	19.28	19.27	19.38	20.50		
			50	19.35	19.27	19.39	20.50		
	100		0	19.24	19.39	19.46	20.50		
Channel				37825	38000	38175	Tune-up limit (dBm)		
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK		1	0	22.33	22.57	22.39	23.50	
				37	22.34	22.38	22.20	23.50	
		74		22.26	22.43	22.21	23.50		
		36	0	21.17	21.54	21.36	22.50		
			20	21.15	21.35	21.38	22.50		
			39	21.19	21.38	21.32	22.50		
		75	0	21.14	21.29	21.43	22.50		
			16QAM	1	0	21.72	22.04	21.51	22.50
		37			21.76	21.72	21.52	22.50	
		74			21.79	22.18	21.89	22.50	
		36		0	20.26	20.23	20.34	21.50	
	20			20.32	20.22	20.38	21.50		
	39			20.32	20.24	20.38	21.50		
	75	0		20.34	20.46	20.43	21.50		
		64QAM		1	0	20.53	20.55	21.04	21.50
	37				20.67	20.82	20.53	21.50	
	74				20.76	21.02	20.62	21.50	
	36			0	19.25	19.20	19.28	20.50	
			20	19.23	19.21	19.34	20.50		
			39	19.26	19.26	19.37	20.50		
	75		0	19.17	19.37	19.40	20.50		
Channel				37800	38000	38200	Tune-up limit (dBm)		
Frequency (MHz)				2575	2595	2615			
10	QPSK		1	0	22.34	22.60	22.35	23.50	
				25	22.30	22.37	22.19	23.50	
		49		22.25	22.39	22.19	23.50		
		25	0	21.22	21.50	21.29	22.50		
			12	21.23	21.36	21.42	22.50		
			25	21.15	21.31	21.37	22.50		
		50	0	21.13	21.28	21.39	22.50		
			16QAM	1	0	21.77	22.10	21.46	22.50
		25			21.71	21.67	21.53	22.50	
		49			21.82	22.17	21.92	22.50	
		25		0	20.27	20.23	20.31	21.50	
	12			20.33	20.20	20.35	21.50		
	25			20.31	20.25	20.35	21.50		
	50	0		20.31	20.43	20.42	21.50		
		64QAM		1	0	20.52	20.58	21.07	21.50
	25				20.59	20.77	20.51	21.50	
	49				20.80	21.03	20.55	21.50	
	25			0	19.27	19.20	19.28	20.50	
			12	19.27	19.19	19.37	20.50		
			25	19.32	19.21	19.30	20.50		
	50		0	19.18	19.34	19.45	20.50		
Channel				37775	38000	38225	Tune-up limit (dBm)		
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK		1	0	22.34	22.62	22.38	23.50	
				12	22.33	22.42	22.20	23.50	
		24		22.33	22.40	22.20	23.50		
		12	0	21.18	21.51	21.30	22.50		
			7	21.15	21.31	21.39	22.50		
			13	21.17	21.34	21.34	22.50		
		25	0	21.14	21.27	21.37	22.50		
			16QAM	1	0	21.77	22.09	21.54	22.50
		12			21.68	21.67	21.56	22.50	
		24			21.76	22.19	21.87	22.50	
		12		0	20.24	20.25	20.31	21.50	
	7			20.26	20.24	20.32	21.50		
	13			20.31	20.23	20.33	21.50		
	25	0		20.28	20.49	20.41	21.50		
		64QAM		1	0	20.52	20.59	21.05	21.50
	12				20.61	20.80	20.54	21.50	
	24				20.83	21.01	20.54	21.50	
	12			0	19.23	19.20	19.27	20.50	
			7	19.27	19.18	19.36	20.50		
			13	19.28	19.21	19.35	20.50		
	25		0	19.17	19.34	19.41	20.50		

8.3.9 LTE Band38 Output Power

LTE B38 Ant.2 Full Power										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up lim (dBm)			
Channel				37850	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.03	22.21	21.98	23.00			
			49	22.05	21.93	22.01	23.00			
			99	21.89	22.07	21.89	23.00			
		50	0	21.05	21.18	21.04	22.00			
			24	21.08	21.08	20.94	22.00			
			50	21.03	21.00	20.95	22.00			
		100	0	20.93	20.99	21.07	22.00			
			16QAM	1	0	21.83	21.89	21.81	22.00	
					49	21.64	21.63	21.66	22.00	
		99			21.72	21.76	21.63	22.00		
		50		0	20.04	20.09	19.98	21.00		
				24	19.95	19.96	20.10	21.00		
	50			19.96	20.09	19.93	21.00			
	100	0		19.81	20.14	19.98	21.00			
		64QAM		1	0	19.93	20.09	19.97	21.00	
					49	19.88	19.84	19.94	21.00	
	99				20.09	20.12	19.91	21.00		
	50			0	19.05	19.10	19.22	20.00		
				24	18.90	19.04	18.92	20.00		
			50	18.97	19.05	19.05	20.00			
	100		0	18.82	18.99	18.92	20.00			
			Channel				37825	38000	38175	Tune-up lim (dBm)
			Frequency (MHz)				2577.5	2595	2612.5	
	15		QPSK	1	0	22.01	22.17	21.92	23.00	
					37	22.05	22.05	22.07	23.00	
					74	21.87	22.04	21.86	23.00	
		36		0	21.01	21.21	21.10	22.00		
				20	21.10	21.08	20.99	22.00		
				39	21.13	21.00	20.98	22.00		
		75		0	20.97	20.98	21.05	22.00		
16QAM				1	0	21.88	21.88	21.79	22.00	
					37	21.62	21.66	21.73	22.00	
		74			21.63	21.84	21.62	22.00		
		36		0	19.96	20.11	20.01	21.00		
				20	20.04	19.92	20.03	21.00		
			39	19.96	20.01	19.94	21.00			
		75	0	19.90	20.14	19.89	21.00			
			64QAM	1	0	20.00	20.18	20.07	21.00	
					37	19.77	19.84	19.90	21.00	
		74			20.07	20.11	19.91	21.00		
		36		0	19.12	19.20	19.09	20.00		
				20	18.90	18.98	18.92	20.00		
39				19.05	19.02	19.02	20.00			
75		0		18.76	19.01	19.04	20.00			
		Channel				37800	38000	38200	Tune-up lim (dBm)	
		Frequency (MHz)				2575	2595	2615		
10		QPSK		1	0	22.04	22.20	22.04	23.00	
					25	21.95	21.93	22.01	23.00	
					49	21.98	22.02	21.82	23.00	
			25	0	21.07	21.22	21.11	22.00		
				12	21.14	20.97	20.98	22.00		
				25	21.09	20.98	21.02	22.00		
			50	0	20.95	20.92	20.94	22.00		
	16QAM			1	0	21.77	21.78	21.81	22.00	
					25	21.69	21.71	21.72	22.00	
			49		21.63	21.87	21.63	22.00		
			25	0	19.95	20.13	20.06	21.00		
				12	20.02	20.04	20.08	21.00		
		25		19.90	20.07	19.92	21.00			
		50	0	19.80	20.09	19.88	21.00			
			64QAM	1	0	19.92	20.18	19.99	21.00	
					25	19.76	19.88	19.99	21.00	
		49			19.97	20.07	19.92	21.00		
		25		0	19.07	19.11	19.12	20.00		
				12	18.91	18.96	19.03	20.00		
	25			19.07	19.01	19.04	20.00			
	50	0		18.79	18.97	18.93	20.00			
		Channel				37775	38000	38225	Tune-up lim (dBm)	
		Frequency (MHz)				2572.5	2595	2617.5		
	5	QPSK		1	0	22.05	22.13	22.05	23.00	
					12	22.06	22.04	22.02	23.00	
					24	21.96	21.95	21.82	23.00	
			12	0	21.04	21.24	21.08	22.00		
				7	21.22	21.01	21.06	22.00		
				13	21.02	20.98	20.93	22.00		
			25	0	20.95	20.96	20.97	22.00		
16QAM				1	0	21.84	21.80	21.88	22.00	
					12	21.68	21.62	21.68	22.00	
			24		21.70	21.80	21.68	22.00		
			12	0	19.99	20.11	20.04	21.00		
				7	19.93	20.03	20.10	21.00		
		13		19.96	20.00	19.93	21.00			
		25	0	19.82	20.10	19.93	21.00			
			64QAM	1	0	19.92	20.15	20.05	21.00	
					12	19.86	19.85	19.91	21.00	
		24			20.03	20.08	19.89	21.00		
		12		0	19.10	19.10	19.20	20.00		
				7	18.90	19.04	18.92	20.00		
13				19.07	19.02	19.10	20.00			
25		0		18.79	19.03	18.92	20.00			

8.3.10 LTE Band41 Output Power

LTE B41 Ant.1 Full Power										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				40140	40640	40890	41140			
Frequency (MHz)				2545	2595	2620	2645			
20	QPSK	1	0	21.87	22.47	22.10	22.23	23.50		
			49	21.92	22.25	22.17	22.31	23.50		
			99	21.86	22.31	22.23	22.33	23.50		
		50	0	21.25	21.46	21.36	21.28	22.50		
			24	21.27	21.31	21.34	21.32	22.50		
			50	21.25	21.39	21.44	21.29	22.50		
		100	0	21.30	21.36	21.45	21.46	22.50		
			16QAM	1	0	21.49	21.36	21.24	21.29	22.50
					49	21.54	21.39	21.21	21.29	22.50
		99			21.50	21.50	21.30	21.34	22.50	
		50		0	20.38	20.38	20.43	20.56	21.50	
				24	20.41	20.36	20.52	20.54	21.50	
	50		20.34	20.42	20.63	20.68	21.50			
	64QAM	100	0	20.21	20.48	20.47	20.51	21.50		
			1	0	21.41	20.84	21.22	21.32	21.50	
				49	21.40	20.85	21.04	21.05	21.50	
		99		21.45	20.90	21.29	21.34	21.50		
		50	0	19.24	19.33	19.52	19.58	20.50		
			24	19.31	19.34	19.49	19.59	20.50		
			50	19.28	19.41	19.57	19.71	20.50		
		100	0	19.27	19.47	19.29	19.44	20.50		
		Channel				40115	40640	40903	41165	Tune-up limit (dBm)
Frequency (MHz)				2542.5	2595	2621.3	2647.5			
15	QPSK	1	0	21.84	22.41	22.03	22.14	23.50		
			37	21.90	22.24	22.12	22.25	23.50		
			74	21.84	22.24	22.22	22.27	23.50		
		36	0	21.18	21.45	21.27	21.24	22.50		
			20	21.25	21.29	21.33	21.29	22.50		
			39	21.20	21.37	21.39	21.26	22.50		
		75	0	21.23	21.34	21.39	21.45	22.50		
			16QAM	1	0	21.40	21.33	21.18	21.20	22.50
					37	21.51	21.30	21.16	21.21	22.50
		74			21.48	21.45	21.29	21.25	22.50	
		36		0	20.31	20.33	20.37	20.52	21.50	
				20	20.33	20.29	20.43	20.53	21.50	
	39		20.32	20.36	20.56	20.60	21.50			
	64QAM	75	0	20.13	20.46	20.43	20.50	21.50		
			1	0	21.39	20.81	21.16	21.25	21.50	
				37	21.32	20.82	21.00	20.99	21.50	
		74		21.44	20.85	21.21	21.33	21.50		
		36	0	19.22	19.26	19.43	19.57	20.50		
			20	19.23	19.26	19.47	19.58	20.50		
			39	19.26	19.34	19.48	19.63	20.50		
		0	19.22	19.39	19.23	19.36	20.50			
		Channel				40090	40640	40915	41190	Tune-up limit (dBm)
Frequency (MHz)				2540	2595	2622.5	2650			
10	QPSK	1	0	21.84	22.46	22.07	22.17	23.50		
			25	21.84	22.16	22.10	22.23	23.50		
			49	21.83	22.27	22.14	22.25	23.50		
		25	0	21.21	21.43	21.27	21.20	22.50		
			12	21.24	21.29	21.30	21.23	22.50		
			25	21.20	21.31	21.41	21.25	22.50		
		50	0	21.25	21.27	21.41	21.42	22.50		
			16QAM	1	0	21.42	21.33	21.21	21.20	22.50
					25	21.52	21.37	21.18	21.20	22.50
		49			21.43	21.47	21.21	21.31	22.50	
		25		0	20.37	20.34	20.41	20.50	21.50	
				12	20.39	20.28	20.48	20.46	21.50	
	25		20.32	20.39	20.57	20.63	21.50			
	64QAM	50	0	20.15	20.41	20.46	20.50	21.50		
			1	0	21.34	20.82	21.18	21.26	21.50	
				25	21.36	20.79	21.00	21.03	21.50	
		49		21.41	20.82	21.25	21.28	21.50		
		25	0	19.19	19.30	19.48	19.55	20.50		
			12	19.30	19.32	19.44	19.54	20.50		
			25	19.20	19.37	19.51	19.68	20.50		
		0	19.20	19.45	19.23	19.43	20.50			
		Channel				40065	40640	40928	41215	Tune-up limit (dBm)
Frequency (MHz)				2537.5	2595	2623.8	2652.5			
5	QPSK	1	0	21.80	22.43	22.02	22.18	23.50		
			12	21.88	22.19	22.14	22.26	23.50		
			24	21.80	22.26	22.21	22.24	23.50		
		12	0	21.18	21.45	21.34	21.25	22.50		
			7	21.25	21.23	21.29	21.27	22.50		
			13	21.16	21.35	21.36	21.23	22.50		
		25	0	21.27	21.29	21.44	21.38	22.50		
			16QAM	1	0	21.43	21.35	21.18	21.26	22.50
					12	21.53	21.30	21.17	21.26	22.50
		24			21.46	21.47	21.29	21.31	22.50	
		12		0	20.33	20.31	20.41	20.47	21.50	
				7	20.39	20.27	20.43	20.50	21.50	
	13		20.29	20.35	20.55	20.60	21.50			
	64QAM	25	0	20.15	20.44	20.46	20.47	21.50		
			1	0	21.32	20.77	21.13	21.23	21.50	
				12	21.31	20.78	21.02	21.04	21.50	
		24		21.42	20.88	21.27	21.30	21.50		
		12	0	19.21	19.32	19.49	19.56	20.50		
			7	19.27	19.29	19.47	19.55	20.50		
			13	19.21	19.37	19.55	19.66	20.50		
		25	0	19.22	19.45	19.22	19.42	20.50		

8.3.10 LTE Band41 Output Power

LTE B41 Ant.2 Full Power										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)		
Channel				40140	40640	40890	41140			
Frequency (MHz)				2545	2595	2620	2645			
20	QPSK	1	0	22.13	22.35	22.22	22.10	23.00		
			49	22.12	22.10	22.26	22.02	23.00		
			99	21.80	22.29	22.10	21.74	23.00		
		50	0	20.95	21.37	21.17	20.84	22.00		
			24	21.15	21.10	21.04	21.13	22.00		
			50	20.96	21.11	21.14	20.90	22.00		
		100	0	20.87	21.10	21.10	20.76	22.00		
			16QAM	1	0	21.80	22.01	21.91	21.70	22.00
					49	21.67	21.81	21.89	21.58	22.00
	99	21.69			22.18	21.98	21.54	22.00		
	50	0		19.98	20.34	20.19	19.96	21.00		
		24		20.11	20.14	20.29	20.03	21.00		
		50		19.96	20.24	20.13	19.92	21.00		
	100	0		19.80	20.36	20.16	19.76	21.00		
		64QAM		1	0	19.96	20.28	20.20	19.92	21.00
					49	19.84	20.01	20.21	19.74	21.00
	99		20.12		20.29	20.07	20.05	21.00		
	50		0	19.04	19.40	19.38	19.02	20.00		
			24	18.97	19.27	19.17	18.92	20.00		
			50	19.01	19.28	19.31	19.00	20.00		
	100		0	18.81	19.19	19.28	18.78	20.00		
Channel				40115	40640	40903	41165	Tune-up limit (dBm)		
Frequency (MHz)				2542.5	2595	2621.3	2647.5			
15	QPSK	1	0	21.94	22.34	22.13	22.08	23.00		
			37	22.05	22.11	22.24	22.11	23.00		
			74	21.81	22.18	21.95	21.71	23.00		
		36	0	20.82	21.22	21.08	20.93	22.00		
			20	21.00	21.04	20.92	21.13	22.00		
			39	20.98	20.98	20.96	20.88	22.00		
		75	0	20.89	21.05	20.97	20.78	22.00		
			16QAM	1	0	21.69	21.81	21.90	21.70	22.00
					37	21.51	21.76	21.77	21.55	22.00
	74	21.61			21.98	21.80	21.63	22.00		
	36	0		19.88	20.22	20.12	19.87	21.00		
		20		20.02	20.11	20.17	20.06	21.00		
		39		19.89	20.13	20.09	19.95	21.00		
	75	0		19.72	20.32	20.05	19.70	21.00		
		64QAM		1	0	19.93	20.25	20.13	19.93	21.00
					37	19.72	19.86	20.05	19.69	21.00
	74		20.02		20.25	19.97	19.98	21.00		
	36		0	19.07	19.22	19.39	18.93	20.00		
			20	18.74	19.12	19.04	18.95	20.00		
			39	18.99	19.15	19.23	18.99	20.00		
	75		0	18.73	19.12	19.17	18.71	20.00		
Channel				40090	40640	40915	41190	Tune-up limit (dBm)		
Frequency (MHz)				2540	2595	2622.5	2650			
10	QPSK	1	0	22.00	22.32	22.13	22.09	23.00		
			25	22.09	22.06	22.25	22.02	23.00		
			49	21.68	22.23	22.03	21.78	23.00		
		25	0	20.78	21.17	21.09	20.84	22.00		
			12	21.08	21.00	20.88	21.12	22.00		
			25	20.98	21.07	20.92	20.81	22.00		
		50	0	20.78	20.95	21.05	20.81	22.00		
			16QAM	1	0	21.70	21.90	21.86	21.66	22.00
					25	21.59	21.80	21.78	21.59	22.00
	49	21.57			22.04	21.86	21.67	22.00		
	25	0		19.88	20.28	20.22	19.89	21.00		
		12		19.98	20.10	20.19	20.03	21.00		
		25		19.85	20.20	20.14	19.82	21.00		
	50	0		19.73	20.30	20.04	19.74	21.00		
		64QAM		1	0	19.83	20.29	20.05	19.92	21.00
					25	19.84	19.92	20.02	19.71	21.00
	49		19.97		20.25	20.01	19.97	21.00		
	25		0	18.96	19.20	19.32	18.91	20.00		
			12	18.86	19.13	19.08	18.89	20.00		
			25	18.92	19.21	19.33	18.88	20.00		
	50		0	18.79	19.13	19.05	18.69	20.00		
Channel				40065	40640	40928	41215	Tune-up limit (dBm)		
Frequency (MHz)				2537.5	2595	2623.8	2652.5			
5	QPSK	1	0	22.08	22.26	22.12	22.10	23.00		
			12	22.04	22.06	22.24	22.01	23.00		
			24	21.69	22.18	22.00	21.73	23.00		
		12	0	20.82	21.27	21.03	20.84	22.00		
			7	20.99	21.03	20.90	21.06	22.00		
			13	21.00	20.95	21.00	20.92	22.00		
		25	0	20.79	21.01	21.01	20.85	22.00		
			16QAM	1	0	21.66	21.78	21.95	21.79	22.00
					12	21.49	21.73	21.75	21.66	22.00
	24	21.52			22.07	21.79	21.60	22.00		
	12	0		19.91	20.28	20.16	19.87	21.00		
		7		20.04	20.08	20.28	20.02	21.00		
		13		19.84	20.19	20.11	19.95	21.00		
	25	0		19.71	20.24	19.99	19.77	21.00		
		64QAM		1	0	19.82	20.20	20.06	19.86	21.00
					12	19.83	19.89	20.07	19.70	21.00
	24		20.04		20.15	20.04	19.98	21.00		
	12		0	18.98	19.27	19.40	18.97	20.00		
			7	18.73	19.11	19.00	18.93	20.00		
			13	19.04	19.17	19.32	18.96	20.00		
	25		0	18.74	19.13	19.12	18.67	20.00		