

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 Band13 Output Power
8.3.7	LTE Band17 Output Power
8.3.8	LTE Band25 Output Power
8.3.9	LTE Band26 Output Power
8.3.10	LTE Band66 Output Power
8.3.11	LTE Band71 Output Power
8.3.12	LTE Band38 Output Power
8.3.13	LTE Band41 Output Power
8.3.14	LTE Band42 Output Power
8.3.15	LTE Band43 Output Power
8.4	NR Output Power
8.4.1	NR Band2 Output Power
8.4.2	NR Band5 Output Power
8.4.3	NR Band7 Output Power
8.4.4	NR Band25 Output Power
8.4.5	NR Band26 Output Power
8.4.6	NR Band66 Output Power
8.4.7	NR Band71 Output Power
8.4.8	NR Band38 Output Power
8.4.9	NR Band41 Output Power
8.4.10	NR Bandn77(3450-3650MHz) Output Power
8.4.11	NR Bandn77(3700-3980MHz) Output Power
8.4.12	NR Bandn78(3450-3650MHz) Output Power
8.4.13	NR Bandn78(3700-3800 MHz) Output Power

8.1 GSM Output Power

GSM 850 Full Power ANT0									
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)	33.24	33.27	33.04	34.50	9.19	24.05	24.08	23.85	25.31
GPRS (GMSK, 1-Slot)	33.51	33.54	33.54	34.50	9.19	24.32	24.35	24.35	25.31
GPRS (GMSK, 2-Slots)	33.37	33.38	33.37	34.50	6.13	27.24	27.25	27.24	28.37
GPRS (GMSK, 3-Slots)	33.26	33.30	33.22	34.50	4.42	28.84	28.88	28.80	30.08
GPRS (GMSK, 4-Slots)	33.13	33.15	33.09	34.00	3.18	29.95	29.97	29.91	30.82
EGPRS (8PSK, 1-Slot)	28.12	28.12	28.15	29.00	9.19	18.93	18.93	18.96	19.81
EGPRS (8PSK, 2-Slots)	27.38	27.65	26.75	28.50	6.13	21.25	21.52	20.62	22.37
EGPRS (8PSK, 3-Slots)	26.40	26.47	26.48	27.50	4.42	21.98	22.05	22.06	23.08
EGPRS (8PSK, 4-Slots)	26.46	26.56	25.87	27.50	3.18	23.28	23.38	22.69	24.32

GSM 1900 Full Power ANT0									
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)	31.24	30.08	30.45	32.00	9.19	22.05	20.89	21.26	22.81
GPRS (GMSK, 1-Slot)	31.28	30.32	30.45	32.00	9.19	22.09	21.13	21.26	22.81
GPRS (GMSK, 2-Slots)	30.98	30.86	29.95	31.50	6.13	24.85	24.73	23.82	25.37
GPRS (GMSK, 3-Slots)	30.76	30.49	29.64	31.50	4.42	26.34	26.07	25.22	27.08
GPRS (GMSK, 4-Slots)	29.58	29.61	29.44	30.50	3.18	26.40	26.43	26.26	27.32
EGPRS (8PSK, 1-Slot)	19.08	19.01	18.87	19.50	9.19	9.89	9.82	9.68	10.31
EGPRS (8PSK, 2-Slots)	19.31	19.17	19.20	19.50	6.13	13.18	13.04	13.07	13.37
EGPRS (8PSK, 3-Slots)	19.03	20.06	20.76	19.50	4.42	14.61	15.64	16.34	15.08
EGPRS (8PSK, 4-Slots)	19.03	18.94	18.78	19.50	3.18	15.85	15.76	15.60	16.32

8.2 WCDMA Output Power

WCDMA II Full Power ANT0				
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	24.60	24.66	24.63	25.50
HSDPA Subtest-1	23.71	23.70	23.66	24.50
HSDPA Subtest-2	23.71	23.64	23.64	24.50
HSDPA Subtest-3	23.21	23.20	23.12	24.00
HSDPA Subtest-4	23.21	23.15	23.13	24.00
HSUPA Subtest-1	23.65	23.71	23.68	24.50
HSUPA Subtest-2	21.52	21.63	21.58	22.50
HSUPA Subtest-3	22.57	22.64	22.52	23.50
HSUPA Subtest-4	21.52	21.59	21.54	22.50
HSUPA Subtest-5	23.58	23.64	23.51	24.50

8.2 WCDMA Output Power

WCDMA IV Full Power ANT0				
Band	Band 4			Tune-up Limit Power(dBm)
TX Channel	1312	1412	1513	
RX Channel	1537	1637	1738	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	24.67	24.70	24.66	25.50
HSDPA Subtest-1	23.72	23.72	23.66	24.50
HSDPA Subtest-2	23.74	23.71	23.66	24.50
HSDPA Subtest-3	23.22	23.22	23.15	24.00
HSDPA Subtest-4	23.16	23.20	23.16	24.00
HSUPA Subtest-1	23.55	23.68	23.63	24.50
HSUPA Subtest-2	21.37	21.60	21.46	22.50
HSUPA Subtest-3	22.48	22.61	22.37	23.50
HSUPA Subtest-4	21.43	21.54	21.51	22.50
HSUPA Subtest-5	23.44	23.53	23.41	24.50

8.2 WCDMA Output Power

WCDMA V Full Power ANT0				
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	24.12	24.16	24.15	25.00
HSDPA Subtest-1	23.17	23.22	23.17	24.00
HSDPA Subtest-2	23.19	23.22	23.17	24.00
HSDPA Subtest-3	22.75	22.74	22.72	23.50
HSDPA Subtest-4	22.63	22.73	22.67	23.50
HSUPA Subtest-1	23.03	23.08	23.14	24.00
HSUPA Subtest-2	20.88	21.07	20.98	22.00
HSUPA Subtest-3	21.96	22.13	21.90	23.00
HSUPA Subtest-4	20.97	21.04	20.94	22.00
HSUPA Subtest-5	23.01	23.10	22.86	24.00

8.3.1 LTE Band2 Output Power

LTE B2 Full Power ANT0							
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	1	0	QPSK	23.58	23.64	23.54	24.50
		49	QPSK	23.60	23.52	23.51	24.50
		99	QPSK	23.58	23.51	23.59	24.50
	50	0	QPSK	22.50	22.54	22.49	23.50
		24	QPSK	22.46	22.45	22.48	23.50
		50	QPSK	22.42	22.43	22.46	23.50
	100	0	QPSK	22.73	22.76	22.70	23.50
20	1	0	16QAM	22.99	22.89	22.94	23.50
		49	16QAM	23.01	23.06	23.02	23.50
		99	16QAM	22.91	23.16	22.94	23.50
	50	0	16QAM	21.64	21.66	21.73	22.50
		24	16QAM	21.74	21.79	21.71	22.50
		50	16QAM	21.74	21.81	21.76	22.50
	100	0	16QAM	21.71	21.76	21.69	22.50
20	1	0	64QAM	21.44	21.49	21.49	22.50
		49	64QAM	21.59	21.41	21.49	22.50
		99	64QAM	21.43	21.43	21.49	22.50
	50	0	64QAM	20.56	20.49	20.43	21.50
		24	64QAM	20.55	20.57	20.49	21.50
		50	64QAM	20.45	20.43	20.40	21.50
	100	0	64QAM	20.43	20.48	20.47	21.50
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	1	0	QPSK	23.51	23.60	23.55	24.50
		37	QPSK	23.49	23.53	23.55	24.50
		74	QPSK	23.50	23.57	23.58	24.50
	36	0	QPSK	22.76	22.70	22.72	23.50
		20	QPSK	22.76	22.67	22.70	23.50
		39	QPSK	22.75	22.80	22.74	23.50
	75	0	QPSK	22.77	22.79	22.74	23.50
15	1	0	16QAM	22.99	22.87	23.04	23.50
		37	16QAM	23.05	22.95	23.24	23.50
		74	16QAM	23.18	22.96	22.88	23.50
	36	0	16QAM	21.72	21.68	21.73	22.50
		20	16QAM	21.73	21.72	21.68	22.50
		39	16QAM	21.73	21.79	21.76	22.50
	75	0	16QAM	21.74	21.78	21.69	22.50
15	1	0	64QAM	21.45	21.61	21.53	22.50
		37	64QAM	21.51	21.42	21.42	22.50
		74	64QAM	21.47	21.47	21.51	22.50
	36	0	64QAM	20.54	20.62	20.42	21.50
		20	64QAM	20.48	20.55	20.46	21.50
		39	64QAM	20.55	20.47	20.46	21.50
	75	0	64QAM	20.57	20.49	20.45	21.50
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	1	0	QPSK	23.58	23.63	23.55	24.50
		25	QPSK	23.55	23.52	23.61	24.50
		49	QPSK	23.53	23.49	23.62	24.50
	25	0	QPSK	22.90	22.81	22.84	23.50
		12	QPSK	22.96	22.95	22.87	23.50
		25	QPSK	22.85	22.91	22.86	23.50
	50	0	QPSK	22.87	22.87	22.82	23.50
10	1	0	16QAM	23.11	23.21	23.09	23.50
		25	16QAM	23.16	23.18	23.05	23.50
		49	16QAM	23.11	23.24	23.02	23.50
	25	0	16QAM	21.87	21.85	21.84	22.50
		12	16QAM	21.92	21.96	21.88	22.50
		25	16QAM	21.92	21.99	21.89	22.50
	50	0	16QAM	21.88	21.90	21.84	22.50
10	1	0	64QAM	21.48	21.51	21.39	22.50
		25	64QAM	21.51	21.46	21.38	22.50
		49	64QAM	21.47	21.41	21.47	22.50
	25	0	64QAM	20.47	20.59	20.44	21.50
		12	64QAM	20.44	20.59	20.47	21.50
		25	64QAM	20.48	20.49	20.49	21.50
	50	0	64QAM	20.44	20.39	20.50	21.50

LTE B2 Full Power ANTO							
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	1	0	QPSK	23.49	23.62	23.57	24.50
		12	QPSK	23.56	23.53	23.53	24.50
		24	QPSK	23.57	23.59	23.50	24.50
	12	0	QPSK	22.94	22.81	22.85	23.50
		7	QPSK	22.91	22.94	22.90	23.50
		13	QPSK	22.91	22.92	22.84	23.50
	25	0	QPSK	22.86	22.93	22.88	23.50
5	1	0	16QAM	23.19	23.30	23.23	23.50
		12	16QAM	23.27	23.29	23.16	23.50
		24	16QAM	23.19	23.33	23.18	23.50
	12	0	16QAM	22.00	21.87	21.90	22.50
		7	16QAM	22.04	22.00	21.93	22.50
		13	16QAM	21.99	21.98	21.87	22.50
	25	0	16QAM	21.92	21.92	21.88	22.50
5	1	0	64QAM	21.54	21.58	21.41	22.50
		12	64QAM	21.46	21.39	21.50	22.50
		24	64QAM	21.52	21.36	21.49	22.50
	12	0	64QAM	20.52	20.53	20.46	21.50
		7	64QAM	20.47	20.63	20.42	21.50
		13	64QAM	20.52	20.40	20.46	21.50
	25	0	64QAM	20.45	20.42	20.55	21.50
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	1	0	QPSK	23.53	23.60	23.54	24.50
		8	QPSK	23.54	23.58	23.54	24.50
		14	QPSK	23.61	23.62	23.55	24.50
	8	0	QPSK	22.92	22.79	22.86	23.50
		4	QPSK	22.97	22.93	22.87	23.50
		7	QPSK	22.95	22.91	22.81	23.50
	15	0	QPSK	22.93	22.90	22.83	23.50
3	1	0	16QAM	23.37	23.20	23.12	23.50
		8	16QAM	23.36	23.28	23.15	23.50
		14	16QAM	23.28	23.14	23.06	23.50
	8	0	16QAM	21.97	21.91	21.88	22.50
		4	16QAM	21.99	21.99	21.91	22.50
		7	16QAM	21.96	22.00	21.84	22.50
	15	0	16QAM	21.94	21.91	21.84	22.50
3	1	0	64QAM	21.45	21.60	21.39	22.50
		8	64QAM	21.47	21.38	21.45	22.50
		14	64QAM	21.45	21.47	21.52	22.50
	8	0	64QAM	20.48	20.58	20.52	21.50
		4	64QAM	20.51	20.52	20.42	21.50
		7	64QAM	20.47	20.37	20.46	21.50
	15	0	64QAM	20.55	20.46	20.51	21.50
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	1	0	QPSK	23.62	23.63	23.55	24.50
		3	QPSK	23.53	23.51	23.52	24.50
		5	QPSK	23.54	23.51	23.52	24.50
	3	0	QPSK	23.56	23.52	23.56	24.50
		1	QPSK	23.56	23.61	23.60	24.50
		3	QPSK	23.55	23.57	23.50	24.50
	6	0	QPSK	22.89	22.85	22.73	23.50
1.4	1	0	16QAM	23.07	23.20	23.07	23.50
		3	16QAM	23.11	23.21	22.98	23.50
		5	16QAM	23.09	23.14	22.96	23.50
	3	0	16QAM	23.02	23.02	22.95	23.50
		1	16QAM	22.98	22.93	22.94	23.50
		3	16QAM	23.01	23.07	22.91	23.50
	6	0	16QAM	21.96	21.88	21.84	22.50
1.4	1	0	64QAM	21.44	21.51	21.45	22.50
		3	64QAM	21.54	21.47	21.47	22.50
		5	64QAM	21.55	21.47	21.46	22.50
	3	0	64QAM	21.46	21.53	21.42	22.50
		1	64QAM	21.45	21.47	21.50	22.50
		3	64QAM	21.47	21.43	21.57	22.50
	6	0	64QAM	20.56	20.51	20.45	21.50

8.3.2 LTE Band4 Output Power

LTE B4 Full Power ANT0							
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	1	0	QPSK	23.01	23.11	23.05	24.00
		49	QPSK	23.04	23.16	23.10	24.00
		99	QPSK	23.08	23.07	23.14	24.00
	50	0	QPSK	22.10	22.22	22.11	23.00
		24	QPSK	22.12	22.14	22.09	23.00
		50	QPSK	22.09	22.14	22.04	23.00
	100	0	QPSK	22.14	22.10	22.15	23.00
20	1	0	16QAM	22.37	22.63	22.33	23.00
		49	16QAM	22.44	22.31	22.37	23.00
		99	16QAM	22.38	22.47	22.26	23.00
	50	0	16QAM	21.12	21.16	21.00	22.00
		24	16QAM	21.19	21.22	21.11	22.00
		50	16QAM	21.19	21.18	21.16	22.00
	100	0	16QAM	21.17	21.18	21.10	22.00
20	1	0	64QAM	20.95	21.09	21.06	22.00
		49	64QAM	21.04	21.05	21.10	22.00
		99	64QAM	20.98	20.99	21.02	22.00
	50	0	64QAM	19.88	20.06	19.92	21.00
		24	64QAM	19.96	20.03	19.93	21.00
		50	64QAM	19.88	20.03	20.08	21.00
	100	0	64QAM	19.99	19.96	19.98	21.00
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	1	0	QPSK	22.97	23.12	23.02	24.00
		37	QPSK	23.02	23.14	23.13	24.00
		74	QPSK	23.07	23.07	23.17	24.00
	36	0	QPSK	22.11	22.20	22.14	23.00
		20	QPSK	22.14	22.17	22.09	23.00
		39	QPSK	22.11	22.12	22.08	23.00
	75	0	QPSK	22.16	22.10	22.12	23.00
15	1	0	16QAM	22.38	22.57	22.28	23.00
		37	16QAM	22.43	22.32	22.41	23.00
		74	16QAM	22.38	22.48	22.18	23.00
	36	0	16QAM	21.20	21.16	21.05	22.00
		20	16QAM	21.17	21.23	21.12	22.00
		39	16QAM	21.20	21.20	21.20	22.00
	75	0	16QAM	21.15	21.10	21.09	22.00
15	1	0	64QAM	20.93	21.11	20.99	22.00
		37	64QAM	21.01	21.04	21.09	22.00
		74	64QAM	20.97	21.02	21.04	22.00
	36	0	64QAM	19.90	20.08	19.90	21.00
		20	64QAM	19.96	19.98	19.93	21.00
		39	64QAM	19.87	20.05	20.09	21.00
	75	0	64QAM	19.94	19.93	20.06	21.00
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	1	0	QPSK	22.96	23.17	23.04	24.00
		25	QPSK	23.02	23.11	23.13	24.00
		49	QPSK	23.04	23.07	23.11	24.00
	25	0	QPSK	22.10	22.18	22.13	23.00
		12	QPSK	22.13	22.13	22.13	23.00
		25	QPSK	22.09	22.16	22.10	23.00
	50	0	QPSK	22.16	22.12	22.07	23.00
10	1	0	16QAM	22.34	22.59	22.32	23.00
		25	16QAM	22.42	22.30	22.37	23.00
		49	16QAM	22.45	22.49	22.20	23.00
	25	0	16QAM	21.20	21.21	21.05	22.00
		12	16QAM	21.15	21.16	21.12	22.00
		25	16QAM	21.17	21.16	21.15	22.00
	50	0	16QAM	21.16	21.10	21.12	22.00
10	1	0	64QAM	20.95	21.13	20.99	22.00
		25	64QAM	21.04	21.06	21.07	22.00
		49	64QAM	20.97	21.04	21.02	22.00
	25	0	64QAM	19.85	20.06	19.91	21.00
		12	64QAM	19.88	19.98	19.90	21.00
		25	64QAM	19.92	20.04	20.05	21.00
	50	0	64QAM	19.96	19.97	19.98	21.00

LTE B4 Full Power ANT0							
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	1	0	QPSK	22.98	23.16	23.05	24.00
		12	QPSK	23.08	23.15	23.15	24.00
		24	QPSK	23.06	23.05	23.17	24.00
	12	0	QPSK	22.11	22.17	22.15	23.00
		7	QPSK	22.13	22.13	22.06	23.00
		13	QPSK	22.11	22.13	22.04	23.00
	25	0	QPSK	22.18	22.12	22.12	23.00
5	1	0	16QAM	22.37	22.59	22.33	23.00
		12	16QAM	22.43	22.32	22.42	23.00
		24	16QAM	22.45	22.50	22.20	23.00
	12	0	16QAM	21.19	21.15	21.05	22.00
		7	16QAM	21.13	21.22	21.08	22.00
		13	16QAM	21.20	21.13	21.14	22.00
	25	0	16QAM	21.21	21.14	21.05	22.00
5	1	0	64QAM	20.94	21.07	20.99	22.00
		12	64QAM	21.05	21.05	21.09	22.00
		24	64QAM	21.00	20.98	21.02	22.00
	12	0	64QAM	19.85	20.07	19.87	21.00
		7	64QAM	19.92	20.03	19.92	21.00
		13	64QAM	19.87	20.08	20.04	21.00
	25	0	64QAM	19.95	19.99	20.02	21.00
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	1	0	QPSK	22.94	23.16	23.04	24.00
		8	QPSK	23.08	23.10	23.14	24.00
		14	QPSK	23.02	23.01	23.14	24.00
	8	0	QPSK	22.18	22.18	22.09	23.00
		4	QPSK	22.13	22.13	22.07	23.00
		7	QPSK	22.15	22.12	22.09	23.00
	15	0	QPSK	22.18	22.13	22.09	23.00
3	1	0	16QAM	22.32	22.61	22.33	23.00
		8	16QAM	22.40	22.27	22.36	23.00
		14	16QAM	22.43	22.44	22.20	23.00
	8	0	16QAM	21.14	21.22	21.08	22.00
		4	16QAM	21.14	21.21	21.11	22.00
		7	16QAM	21.22	21.15	21.21	22.00
	15	0	16QAM	21.20	21.13	21.10	22.00
3	1	0	64QAM	20.96	21.07	21.05	22.00
		8	64QAM	21.01	21.10	21.13	22.00
		14	64QAM	21.00	21.02	21.02	22.00
	8	0	64QAM	19.91	20.08	19.92	21.00
		4	64QAM	19.89	20.05	19.89	21.00
		7	64QAM	19.91	20.05	20.07	21.00
	15	0	64QAM	20.02	19.98	20.05	21.00
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	1	0	QPSK	23.06	23.13	23.11	24.00
		3	QPSK	23.04	23.05	23.01	24.00
		5	QPSK	23.02	23.05	23.02	24.00
	3	0	QPSK	22.99	22.98	23.11	24.00
		1	QPSK	23.06	23.02	23.01	24.00
		3	QPSK	23.06	22.99	23.05	24.00
	6	0	QPSK	22.25	22.29	22.35	23.00
1.4	1	0	16QAM	22.45	22.55	22.57	23.00
		3	16QAM	22.46	22.56	22.64	23.00
		5	16QAM	22.30	22.49	22.66	23.00
	3	0	16QAM	22.36	22.42	22.46	23.00
		1	16QAM	22.35	22.39	22.51	23.00
		3	16QAM	22.34	22.44	22.57	23.00
	6	0	16QAM	21.26	21.24	21.35	22.00
1.4	1	0	64QAM	20.95	21.10	21.01	22.00
		3	64QAM	20.91	21.03	20.96	22.00
		5	64QAM	21.05	21.01	21.13	22.00
	3	0	64QAM	20.87	21.10	20.89	22.00
		1	64QAM	20.99	21.01	20.97	22.00
		3	64QAM	20.97	20.87	21.04	22.00
	6	0	64QAM	19.84	20.02	19.96	21.00

8.3.3 LTE Band5 Output Power

LTE B5 Full Power ANT0							
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	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	1	0	QPSK	23.39	23.40	23.33	24.50
		25	QPSK	23.33	23.29	23.28	24.50
		49	QPSK	23.28	23.33	23.29	24.50
	25	0	QPSK	22.36	22.41	22.37	23.50
		12	QPSK	22.35	22.38	22.36	23.50
		25	QPSK	22.31	22.34	22.33	23.50
50	0	QPSK	22.46	22.36	22.35	23.50	
10	1	0	16QAM	22.69	22.62	22.60	23.50
		25	16QAM	22.74	22.84	22.66	23.50
		49	16QAM	22.73	22.70	22.50	23.50
	25	0	16QAM	21.37	21.39	21.39	22.50
		12	16QAM	21.43	21.44	21.45	22.50
		25	16QAM	21.44	21.49	21.41	22.50
50	0	16QAM	21.43	21.38	21.33	22.50	
10	1	0	64QAM	21.27	21.25	21.25	22.50
		25	64QAM	21.24	21.26	21.27	22.50
		49	64QAM	21.18	21.21	21.21	22.50
	25	0	64QAM	20.37	20.27	20.32	21.50
		12	64QAM	20.36	20.35	20.31	21.50
		25	64QAM	20.28	20.18	20.27	21.50
50	0	64QAM	20.18	20.31	20.16	21.50	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	1	0	QPSK	23.25	23.36	23.25	24.50
		12	QPSK	23.26	23.29	23.31	24.50
		24	QPSK	23.36	23.26	23.29	24.50
	12	0	QPSK	22.46	22.39	22.38	23.50
		7	QPSK	22.44	22.43	22.40	23.50
		13	QPSK	22.40	22.43	22.47	23.50
25	0	QPSK	22.41	22.38	22.37	23.50	
5	1	0	16QAM	22.67	22.87	22.80	23.50
		12	16QAM	22.68	22.81	22.88	23.50
		24	16QAM	22.78	22.77	22.89	23.50
	12	0	16QAM	21.52	21.45	21.40	22.50
		7	16QAM	21.57	21.49	21.40	22.50
		13	16QAM	21.52	21.52	21.43	22.50
25	0	16QAM	21.42	21.42	21.35	22.50	
5	1	0	64QAM	21.34	21.32	21.23	22.50
		12	64QAM	21.22	21.23	21.22	22.50
		24	64QAM	21.27	21.18	21.24	22.50
	12	0	64QAM	20.38	20.29	20.32	21.50
		7	64QAM	20.25	20.28	20.30	21.50
		13	64QAM	20.19	20.27	20.27	21.50
25	0	64QAM	20.17	20.18	20.21	21.50	

LTE B5 Full Power ANT0							
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	1	0	QPSK	23.35	23.39	23.35	24.50
		8	QPSK	23.34	23.32	23.31	24.50
		14	QPSK	23.27	23.27	23.38	24.50
	8	0	QPSK	22.39	22.43	22.43	23.50
		4	QPSK	22.44	22.43	22.48	23.50
		7	QPSK	22.41	22.44	22.40	23.50
	15	0	QPSK	22.40	22.38	22.46	23.50
3	1	0	16QAM	22.67	22.75	22.67	23.50
		8	16QAM	22.74	22.80	22.75	23.50
		14	16QAM	22.71	22.76	22.66	23.50
	8	0	16QAM	21.47	21.44	21.46	22.50
		4	16QAM	21.47	21.44	21.45	22.50
		7	16QAM	21.46	21.49	21.44	22.50
	15	0	16QAM	21.45	21.44	21.50	22.50
3	1	0	64QAM	21.27	21.28	21.20	22.50
		8	64QAM	21.32	21.22	21.25	22.50
		14	64QAM	21.17	21.29	21.22	22.50
	8	0	64QAM	20.36	20.39	20.20	21.50
		4	64QAM	20.31	20.36	20.26	21.50
		7	64QAM	20.32	20.16	20.20	21.50
	15	0	64QAM	20.20	20.26	20.19	21.50
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	1	0	QPSK	23.36	23.40	23.34	24.50
		3	QPSK	23.36	23.31	23.26	24.50
		5	QPSK	23.33	23.33	23.38	24.50
	3	0	QPSK	23.33	23.39	23.39	24.50
		1	QPSK	23.39	23.39	23.38	24.50
		3	QPSK	23.36	23.39	23.37	24.50
	6	0	QPSK	22.41	22.38	22.42	23.50
1.4	1	0	16QAM	22.59	22.63	22.61	23.50
		3	16QAM	22.54	22.74	22.69	23.50
		5	16QAM	22.56	22.74	22.68	23.50
	3	0	16QAM	22.53	22.44	22.54	23.50
		1	16QAM	22.49	22.52	22.47	23.50
		3	16QAM	22.48	22.57	22.40	23.50
	6	0	16QAM	21.45	21.38	21.48	22.50
1.4	1	0	64QAM	21.24	21.35	21.22	22.50
		3	64QAM	21.24	21.16	21.13	22.50
		5	64QAM	21.19	21.22	21.14	22.50
	3	0	64QAM	21.37	21.33	21.24	22.50
		1	64QAM	21.27	21.15	21.19	22.50
		3	64QAM	21.17	21.21	21.27	22.50
	6	0	64QAM	20.28	20.26	20.21	21.50

8.3.4 LTE Band7 Output Power

LTE B7 Full Power ANT0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	1	0	QPSK	16.33	16.39	16.35	17.50
		49	QPSK	16.31	16.30	16.29	17.50
		99	QPSK	16.34	16.27	16.23	17.50
	50	0	QPSK	15.44	15.51	15.47	16.50
		24	QPSK	15.42	15.47	15.45	16.50
		50	QPSK	15.41	15.45	15.44	16.50
	100	0	QPSK	15.52	15.42	15.42	16.50
20	1	0	16QAM	15.83	15.57	15.59	16.50
		49	16QAM	15.90	15.79	15.62	16.50
		99	16QAM	15.75	15.47	15.51	16.50
	50	0	16QAM	14.59	14.47	14.47	15.50
		24	16QAM	14.56	14.53	14.50	15.50
		50	16QAM	14.57	14.48	14.48	15.50
	100	0	16QAM	14.55	14.47	14.46	15.50
20	1	0	64QAM	14.27	14.32	14.29	15.50
		49	64QAM	14.23	14.21	14.17	15.50
		99	64QAM	14.27	14.17	14.16	15.50
	50	0	64QAM	13.26	13.28	13.23	14.50
		24	64QAM	13.20	13.25	13.34	14.50
		50	64QAM	13.29	13.26	13.23	14.50
	100	0	64QAM	13.24	13.20	13.18	14.50
Channel				20825	21100	21375	Tune-up power(dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	1	0	QPSK	16.28	16.36	16.34	17.50
		37	QPSK	16.29	16.26	16.33	17.50
		74	QPSK	16.26	16.35	16.29	17.50
	36	0	QPSK	15.49	15.40	15.38	16.50
		20	QPSK	15.52	15.39	15.38	16.50
		39	QPSK	15.48	15.38	15.34	16.50
75	0	QPSK	15.47	15.39	15.39	16.50	
15	1	0	16QAM	15.61	15.64	15.40	16.50
		37	16QAM	15.66	15.78	15.59	16.50
		74	16QAM	15.58	15.58	15.47	16.50
	36	0	16QAM	14.51	14.42	14.40	15.50
		20	16QAM	14.52	14.45	14.41	15.50
		39	16QAM	14.52	14.44	14.41	15.50
75	0	16QAM	14.52	14.42	14.43	15.50	
15	1	0	64QAM	14.23	14.38	14.28	15.50
		37	64QAM	14.16	14.25	14.16	15.50
		74	64QAM	14.29	14.20	14.20	15.50
	36	0	64QAM	13.20	13.27	13.23	14.50
		20	64QAM	13.19	13.30	13.27	14.50
		39	64QAM	13.22	13.23	13.15	14.50
	75	0	64QAM	13.29	13.24	13.18	14.50

LTE B7 Full Power ANT0							
Channel				20800	21100	21400	Tune-up power(dBm)
Frequency (MHz)				2505	2535	2565	
10	1	0	QPSK	16.24	16.25	16.24	17.50
		25	QPSK	16.29	16.31	16.29	17.50
		49	QPSK	16.26	16.33	16.25	17.50
	25	0	QPSK	15.72	15.65	15.56	16.50
		12	QPSK	15.74	15.66	15.64	16.50
		25	QPSK	15.71	15.63	15.61	16.50
	50	0	QPSK	15.72	15.59	15.58	16.50
10	1	0	16QAM	16.07	15.88	15.68	16.50
		25	16QAM	15.97	16.00	15.90	16.50
		49	16QAM	15.94	15.87	15.73	16.50
	25	0	16QAM	14.77	14.66	14.63	15.50
		12	16QAM	14.79	14.68	14.64	15.50
		25	16QAM	14.79	14.60	14.59	15.50
	50	0	16QAM	14.72	14.65	14.61	15.50
10	1	0	64QAM	14.19	14.26	14.20	15.50
		25	64QAM	14.22	14.25	14.20	15.50
		49	64QAM	14.20	14.23	14.22	15.50
	25	0	64QAM	13.22	13.33	13.33	14.50
		12	64QAM	13.20	13.25	13.28	14.50
		25	64QAM	13.20	13.27	13.19	14.50
	50	0	64QAM	13.26	13.19	13.22	14.50
Channel				20775	21100	21425	Tune-up power(dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	1	0	QPSK	16.36	16.34	16.36	17.50
		12	QPSK	16.32	16.37	16.27	17.50
		24	QPSK	16.30	16.38	16.37	17.50
	12	0	QPSK	15.67	15.58	15.57	16.50
		7	QPSK	15.71	15.72	15.59	16.50
		13	QPSK	15.66	15.66	15.56	16.50
	25	0	QPSK	15.66	15.61	15.60	16.50
5	1	0	16QAM	16.07	15.89	15.79	16.50
		12	16QAM	16.09	15.96	15.87	16.50
		24	16QAM	15.96	15.95	15.86	16.50
	12	0	16QAM	14.77	14.74	14.68	15.50
		7	16QAM	14.81	14.88	14.72	15.50
		13	16QAM	14.78	14.81	14.73	15.50
	25	0	16QAM	14.71	14.71	14.60	15.50
5	1	0	64QAM	14.32	14.38	14.33	15.50
		12	64QAM	14.24	14.19	14.22	15.50
		24	64QAM	14.33	14.24	14.17	15.50
	12	0	64QAM	13.31	13.38	13.29	14.50
		7	64QAM	13.21	13.27	13.25	14.50
		13	64QAM	13.28	13.22	13.20	14.50
	25	0	64QAM	13.30	13.24	13.13	14.50

8.3.5 LTE Band12 Output Power

LTE B12 Full Power ANT0							
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	1	0	QPSK	23.27	23.29	23.21	24.00
		25	QPSK	23.28	23.26	23.16	24.00
		49	QPSK	23.14	23.15	23.16	24.00
	25	0	QPSK	22.21	22.26	22.18	23.00
		12	QPSK	22.20	22.23	22.11	23.00
		25	QPSK	22.18	22.20	22.16	23.00
50	0	QPSK	22.27	22.19	22.19	23.00	
10	1	0	16QAM	22.62	22.46	22.45	23.00
		25	16QAM	22.57	22.53	22.48	23.00
		49	16QAM	22.48	22.43	22.28	23.00
	25	0	16QAM	21.23	21.23	21.16	22.00
		12	16QAM	21.32	21.23	21.19	22.00
		25	16QAM	21.26	21.26	21.17	22.00
50	0	16QAM	21.33	21.20	21.19	22.00	
10	1	0	64QAM	21.13	21.23	21.17	22.00
		25	64QAM	21.26	21.19	21.07	22.00
		49	64QAM	21.12	21.00	21.03	22.00
	25	0	64QAM	20.24	20.18	20.11	21.00
		12	64QAM	20.17	20.28	20.20	21.00
		25	64QAM	20.21	20.15	20.08	21.00
50	0	64QAM	20.07	20.11	20.01	21.00	
Channel				23035	23095	23155	Tune-up power(dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	1	0	QPSK	23.25	23.28	23.17	24.00
		12	QPSK	23.24	23.27	23.22	24.00
		24	QPSK	23.25	23.12	23.16	24.00
	12	0	QPSK	22.31	22.17	22.18	23.00
		7	QPSK	22.34	22.20	22.23	23.00
		13	QPSK	22.27	22.21	22.24	23.00
25	0	QPSK	22.30	22.18	22.20	23.00	
5	1	0	16QAM	22.54	22.62	22.58	23.00
		12	16QAM	22.61	22.66	22.62	23.00
		24	16QAM	22.53	22.67	22.51	23.00
	12	0	16QAM	21.23	21.26	21.16	22.00
		7	16QAM	21.27	21.29	21.25	22.00
		13	16QAM	21.23	21.30	21.20	22.00
25	0	16QAM	21.35	21.19	21.19	22.00	
5	1	0	64QAM	21.17	21.21	21.07	22.00
		12	64QAM	21.23	21.19	21.14	22.00
		24	64QAM	21.08	21.11	21.03	22.00
	12	0	64QAM	20.22	20.18	20.20	21.00
		7	64QAM	20.20	20.16	20.11	21.00
		13	64QAM	20.26	20.21	20.11	21.00
25	0	64QAM	20.07	20.12	20.04	21.00	

LTE B12 Full Power ANT0							
Channel				23025	23095	23165	Tune-up power(dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	1	0	QPSK	23.28	23.20	23.15	24.00
		8	QPSK	23.28	23.29	23.23	24.00
		14	QPSK	23.16	23.20	23.18	24.00
	8	0	QPSK	22.28	22.19	22.17	23.00
		4	QPSK	22.31	22.21	22.26	23.00
		7	QPSK	22.27	22.28	22.24	23.00
15	0	QPSK	22.27	22.19	22.14	23.00	
3	1	0	16QAM	22.70	22.62	22.36	23.00
		8	16QAM	22.67	22.61	22.56	23.00
		14	16QAM	22.54	22.46	22.48	23.00
	8	0	16QAM	21.33	21.25	21.19	22.00
		4	16QAM	21.33	21.23	21.28	22.00
		7	16QAM	21.29	21.31	21.22	22.00
15	0	16QAM	21.31	21.25	21.17	22.00	
3	1	0	64QAM	21.14	21.17	21.09	22.00
		8	64QAM	21.24	21.11	21.09	22.00
		14	64QAM	21.02	21.03	21.09	22.00
	8	0	64QAM	20.22	20.28	20.12	21.00
		4	64QAM	20.26	20.28	20.10	21.00
		7	64QAM	20.15	20.15	20.10	21.00
15	0	64QAM	20.06	20.04	20.08	21.00	
Channel				23017	23095	23173	Tune-up power(dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	1	0	QPSK	23.21	23.25	23.15	24.00
		3	QPSK	23.23	23.21	23.20	24.00
		5	QPSK	23.20	23.19	23.13	24.00
	3	0	QPSK	23.14	23.18	23.17	24.00
		1	QPSK	23.25	23.21	23.16	24.00
		3	QPSK	23.23	23.22	23.15	24.00
6	0	QPSK	22.27	22.14	22.18	23.00	
1.4	1	0	16QAM	22.37	22.46	22.53	23.00
		3	16QAM	22.41	22.50	22.44	23.00
		5	16QAM	22.38	22.48	22.47	23.00
	3	0	16QAM	22.36	22.35	22.27	23.00
		1	16QAM	22.37	22.28	22.30	23.00
		3	16QAM	22.33	22.38	22.29	23.00
6	0	16QAM	21.37	21.21	21.26	22.00	
1.4	1	0	64QAM	21.18	21.26	21.12	22.00
		3	64QAM	21.16	21.22	21.14	22.00
		5	64QAM	20.99	21.14	21.07	22.00
	3	0	64QAM	21.16	21.17	21.16	22.00
		1	64QAM	21.24	21.21	21.05	22.00
		3	64QAM	21.09	21.08	21.12	22.00
6	0	64QAM	20.13	20.28	20.14	21.00	

8.3.6 LTE Band13 Output Power

LTE B13 Full Power ANT0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	
Channel				23230				
Frequency (MHz)				782				
10	1	0	QPSK		23.46		24.50	
		25	QPSK		23.37		24.50	
		49	QPSK		23.29		24.50	
	25	0	QPSK		22.31		23.50	
		12	QPSK		22.28		23.50	
		25	QPSK		22.24		23.50	
	50	0	QPSK		22.28		23.50	
10	1	0	16QAM		22.53		23.50	
		25	16QAM		22.63		23.50	
		49	16QAM		22.61		23.50	
	25	0	16QAM		21.27		22.50	
		12	16QAM		21.34		22.50	
		25	16QAM		21.34		22.50	
50	0	16QAM	21.30		22.50			
10	1	0	64QAM	21.38	22.50			
		25	64QAM	21.40	22.50			
		49	64QAM	21.35	22.50			
	25	0	64QAM	20.36	21.50			
		12	64QAM	20.40	21.50			
		25	64QAM	20.32	21.50			
	50	0	64QAM	20.45	21.50			
	Channel				23205	23230	23255	Tune-up power(dBm)
	Frequency (MHz)				779.5	782	784.5	
5	1	0	QPSK	23.37	23.42	23.31	24.50	
		12	QPSK	23.30	23.34	23.32	24.50	
		24	QPSK	23.30	23.27	23.22	24.50	
	12	0	QPSK	22.22	22.22	22.25	23.50	
		7	QPSK	22.29	22.26	22.27	23.50	
		13	QPSK	22.28	22.32	22.32	23.50	
25	0	QPSK	22.27	22.22	22.23	23.50		
5	1	0	16QAM	22.63	22.69	22.76	23.50	
		12	16QAM	22.58	22.73	22.68	23.50	
		24	16QAM	22.61	22.77	22.62	23.50	
	12	0	16QAM	21.20	21.36	21.34	22.50	
		7	16QAM	21.34	21.39	21.37	22.50	
		13	16QAM	21.33	21.39	21.40	22.50	
25	0	16QAM	21.24	21.21	21.24	22.50		
5	1	0	64QAM	21.29	21.39	21.23	22.50	
		12	64QAM	21.26	21.24	21.27	22.50	
		24	64QAM	21.28	21.24	21.13	22.50	
	12	0	64QAM	20.27	20.27	20.26	21.50	
		7	64QAM	20.23	20.39	20.28	21.50	
		13	64QAM	20.29	20.24	20.26	21.50	
	25	0	64QAM	20.21	20.24	20.13	21.50	

8.3.7 LTE Band17 Output Power

LTE B17 Full Power ANT0							
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	1	0	QPSK	23.23	23.26	23.12	24.00
		25	QPSK	23.23	23.20	23.07	24.00
		49	QPSK	23.12	23.09	23.07	24.00
	25	0	QPSK	22.17	22.23	22.15	23.00
		12	QPSK	22.18	22.18	22.08	23.00
		25	QPSK	22.11	22.16	22.14	23.00
50	0	QPSK	22.21	22.18	22.14	23.00	
10	1	0	16QAM	22.54	22.45	22.43	23.00
		25	16QAM	22.55	22.47	22.41	23.00
		49	16QAM	22.42	22.42	22.27	23.00
	25	0	16QAM	21.21	21.20	21.14	22.00
		12	16QAM	21.27	21.22	21.10	22.00
		25	16QAM	21.19	21.19	21.10	22.00
50	0	16QAM	21.24	21.12	21.17	22.00	
10	1	0	64QAM	21.04	21.18	21.13	22.00
		25	64QAM	21.20	21.15	21.03	22.00
		49	64QAM	21.10	20.99	21.01	22.00
	25	0	64QAM	20.17	20.15	20.09	21.00
		12	64QAM	20.16	20.24	20.14	21.00
		25	64QAM	20.12	20.09	20.00	21.00
50	0	64QAM	20.05	20.02	19.92	21.00	
Channel				23755	23790	23825	Tune-up power(dBm)
Frequency (MHz)				706.5	710	713.5	
5	1	0	QPSK	23.24	23.27	23.13	24.00
		12	QPSK	23.23	23.23	23.15	24.00
		24	QPSK	23.07	23.08	23.14	24.00
	12	0	QPSK	22.20	22.18	22.11	23.00
		7	QPSK	22.16	22.19	22.03	23.00
		13	QPSK	22.10	22.12	22.14	23.00
25	0	QPSK	22.20	22.10	22.10	23.00	
5	1	0	16QAM	22.55	22.45	22.38	23.00
		12	16QAM	22.54	22.49	22.41	23.00
		24	16QAM	22.40	22.34	22.26	23.00
	12	0	16QAM	21.17	21.14	21.10	22.00
		7	16QAM	21.30	21.18	21.18	22.00
		13	16QAM	21.17	21.18	21.14	22.00
25	0	16QAM	21.25	21.12	21.10	22.00	
5	1	0	64QAM	21.04	21.19	21.11	22.00
		12	64QAM	21.22	21.13	21.06	22.00
		24	64QAM	21.04	20.98	20.99	22.00
	12	0	64QAM	20.18	20.10	20.02	21.00
		7	64QAM	20.14	20.24	20.17	21.00
		13	64QAM	20.17	20.09	20.00	21.00
25	0	64QAM	20.00	20.09	19.99	21.00	

8.3.8 LTE Band25 Output Power

LTE B25 Full Power ANT0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	1	0	QPSK	23.54	23.59	23.55	24.50
		49	QPSK	23.44	23.55	23.45	24.50
		99	QPSK	23.56	23.47	23.55	24.50
	50	0	QPSK	22.56	22.61	22.55	23.50
		24	QPSK	22.45	22.54	22.54	23.50
		50	QPSK	22.41	22.51	22.47	23.50
	100	0	QPSK	22.65	22.68	22.75	23.50
20	1	0	16QAM	22.86	22.85	22.89	23.50
		49	16QAM	22.83	23.03	22.88	23.50
		99	16QAM	22.94	23.05	22.69	23.50
	50	0	16QAM	21.56	21.60	21.69	22.50
		24	16QAM	21.66	21.73	21.73	22.50
		50	16QAM	21.63	21.71	21.66	22.50
	100	0	16QAM	21.65	21.69	21.72	22.50
20	1	0	64QAM	21.50	21.57	21.43	22.50
		49	64QAM	21.40	21.45	21.41	22.50
		99	64QAM	21.49	21.44	21.50	22.50
	50	0	64QAM	20.39	20.51	20.41	21.50
		24	64QAM	20.52	20.53	20.46	21.50
		50	64QAM	20.32	20.42	20.44	21.50
	100	0	64QAM	20.42	20.36	20.50	21.50
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	1	0	QPSK	23.49	23.52	23.55	24.50
		37	QPSK	23.52	23.56	23.45	24.50
		74	QPSK	23.55	23.51	23.43	24.50
	36	0	QPSK	22.69	22.64	22.65	23.50
		20	QPSK	22.68	22.73	22.64	23.50
		39	QPSK	22.69	22.79	22.68	23.50
	75	0	QPSK	22.68	22.74	22.66	23.50
15	1	0	16QAM	22.97	22.91	23.09	23.50
		37	16QAM	23.17	22.95	23.04	23.50
		74	16QAM	23.03	22.95	23.06	23.50
	36	0	16QAM	21.68	21.61	21.66	22.50
		20	16QAM	21.65	21.72	21.66	22.50
		39	16QAM	21.63	21.79	21.66	22.50
	75	0	16QAM	21.64	21.74	21.65	22.50
15	1	0	64QAM	21.53	21.44	21.48	22.50
		37	64QAM	21.29	21.52	21.39	22.50
		74	64QAM	21.44	21.42	21.54	22.50
	36	0	64QAM	20.46	20.45	20.42	21.50
		20	64QAM	20.41	20.50	20.43	21.50
		39	64QAM	20.36	20.46	20.40	21.50
	75	0	64QAM	20.52	20.38	20.54	21.50
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	1	0	QPSK	23.45	23.55	23.47	24.50
		25	QPSK	23.54	23.46	23.44	24.50
		49	QPSK	23.52	23.49	23.51	24.50
	25	0	QPSK	22.84	22.77	22.78	23.50
		12	QPSK	22.85	22.90	22.78	23.50
		25	QPSK	22.82	22.90	22.80	23.50
	50	0	QPSK	22.82	22.90	22.77	23.50
10	1	0	16QAM	23.10	23.07	23.05	23.50
		25	16QAM	23.12	23.34	22.98	23.50
		49	16QAM	22.99	23.16	23.04	23.50
	25	0	16QAM	21.86	21.83	21.82	22.50
		12	16QAM	21.91	21.91	21.78	22.50
		25	16QAM	21.85	21.92	21.83	22.50
	50	0	16QAM	21.81	21.90	21.74	22.50
10	1	0	64QAM	21.43	21.52	21.48	22.50
		25	64QAM	21.35	21.43	21.35	22.50
		49	64QAM	21.52	21.32	21.49	22.50
	25	0	64QAM	20.53	20.52	20.43	21.50
		12	64QAM	20.50	20.52	20.41	21.50
		25	64QAM	20.34	20.49	20.32	21.50
	50	0	64QAM	20.45	20.45	20.48	21.50

LTE B25 Full Power ANT0							
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	1	0	QPSK	23.48	23.56	23.55	24.50
		12	QPSK	23.44	23.49	23.45	24.50
		24	QPSK	23.47	23.50	23.54	24.50
	12	0	QPSK	22.86	22.78	22.82	23.50
		7	QPSK	22.85	22.82	22.82	23.50
		13	QPSK	22.83	22.87	22.77	23.50
	25	0	QPSK	22.81	22.85	22.78	23.50
5	1	0	16QAM	23.05	23.20	23.20	23.50
		12	16QAM	23.22	23.33	23.25	23.50
		24	16QAM	23.16	23.25	23.09	23.50
	12	0	16QAM	21.86	21.87	21.84	22.50
		7	16QAM	21.87	21.94	21.83	22.50
		13	16QAM	21.88	21.93	21.79	22.50
	25	0	16QAM	21.82	21.84	21.79	22.50
5	1	0	64QAM	21.49	21.58	21.52	22.50
		12	64QAM	21.36	21.47	21.37	22.50
		24	64QAM	21.41	21.43	21.47	22.50
	12	0	64QAM	20.48	20.50	20.54	21.50
		7	64QAM	20.51	20.57	20.49	21.50
		13	64QAM	20.29	20.53	20.42	21.50
	25	0	64QAM	20.43	20.34	20.49	21.50
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	1	0	QPSK	23.50	23.56	23.51	24.50
		8	QPSK	23.50	23.46	23.53	24.50
		14	QPSK	23.52	23.51	23.51	24.50
	8	0	QPSK	22.87	22.77	22.78	23.50
		4	QPSK	22.90	22.87	22.79	23.50
		7	QPSK	22.82	22.85	22.76	23.50
	15	0	QPSK	22.81	22.84	22.75	23.50
3	1	0	16QAM	23.23	23.15	22.99	23.50
		8	16QAM	23.19	23.28	23.11	23.50
		14	16QAM	23.13	23.17	22.99	23.50
	8	0	16QAM	21.94	21.81	21.79	22.50
		4	16QAM	21.95	21.92	21.84	22.50
		7	16QAM	21.91	21.89	21.79	22.50
	15	0	16QAM	21.83	21.92	21.78	22.50
3	1	0	64QAM	21.52	21.57	21.46	22.50
		8	64QAM	21.31	21.41	21.33	22.50
		14	64QAM	21.52	21.46	21.48	22.50
	8	0	64QAM	20.53	20.47	20.45	21.50
		4	64QAM	20.41	20.57	20.50	21.50
		7	64QAM	20.33	20.48	20.42	21.50
	15	0	64QAM	20.52	20.42	20.47	21.50
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	1	0	QPSK	23.48	23.50	23.47	24.50
		3	QPSK	23.47	23.57	23.54	24.50
		5	QPSK	23.51	23.52	23.52	24.50
	3	0	QPSK	23.54	23.46	23.44	24.50
		1	QPSK	23.49	23.54	23.46	24.50
		3	QPSK	23.46	23.48	23.50	24.50
	6	0	QPSK	22.88	22.81	22.75	23.50
1.4	1	0	16QAM	22.97	23.25	23.02	23.50
		3	16QAM	23.07	23.08	23.01	23.50
		5	16QAM	23.04	23.10	23.00	23.50
	3	0	16QAM	22.89	22.91	22.85	23.50
		1	16QAM	22.97	22.92	22.88	23.50
		3	16QAM	22.93	22.94	22.86	23.50
	6	0	16QAM	21.91	21.87	21.79	22.50
1.4	1	0	64QAM	21.44	21.55	21.43	22.50
		3	64QAM	21.33	21.43	21.34	22.50
		5	64QAM	21.44	21.32	21.47	22.50
	3	0	64QAM	21.52	21.45	21.53	22.50
		1	64QAM	21.41	21.52	21.32	22.50
		3	64QAM	21.54	21.46	21.45	22.50
	6	0	64QAM	20.52	20.50	20.51	21.50

8.3.9 LTE Band26 Output Power

LTE B26 Full Power ANT0							
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	1	0	QPSK	22.95	23.07	22.86	24.00
		37	QPSK	22.81	23.05	22.78	24.00
		74	QPSK	22.80	23.02	22.83	24.00
	36	0	QPSK	21.95	22.23	21.86	23.00
		20	QPSK	21.82	22.21	21.82	23.00
		39	QPSK	21.87	22.18	21.77	23.00
	75	0	QPSK	21.85	22.18	21.83	23.00
15	1	0	16QAM	21.90	22.19	21.74	23.00
		37	16QAM	21.88	22.25	21.81	23.00
		74	16QAM	21.90	22.15	21.83	23.00
	36	0	16QAM	20.81	21.17	20.71	22.00
		20	16QAM	20.88	21.18	20.77	22.00
		39	16QAM	20.93	21.21	20.75	22.00
	75	0	16QAM	20.91	21.19	20.76	22.00
15	1	0	64QAM	20.84	21.02	20.84	22.00
		37	64QAM	20.71	20.96	20.67	22.00
		74	64QAM	20.73	20.97	20.78	22.00
	36	0	64QAM	19.83	19.93	19.78	21.00
		20	64QAM	19.81	20.02	19.74	21.00
		39	64QAM	19.80	19.99	19.73	21.00
	75	0	64QAM	19.78	19.90	19.71	21.00
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	1	0	QPSK	22.83	22.94	22.82	24.00
		25	QPSK	22.71	23.00	22.77	24.00
		49	QPSK	22.66	23.01	22.78	24.00
	25	0	QPSK	21.84	22.04	21.70	23.00
		12	QPSK	21.86	22.15	21.70	23.00
		25	QPSK	21.80	22.22	21.67	23.00
	50	0	QPSK	21.83	22.09	21.82	23.00
10	1	0	16QAM	21.84	22.14	21.72	23.00
		25	16QAM	21.76	22.22	21.71	23.00
		49	16QAM	21.80	22.14	21.80	23.00
	25	0	16QAM	20.75	21.12	20.62	22.00
		12	16QAM	20.83	21.03	20.74	22.00
		25	16QAM	20.86	21.13	20.67	22.00
	50	0	16QAM	20.78	21.18	20.74	22.00
10	1	0	64QAM	20.73	20.93	20.77	22.00
		25	64QAM	20.69	20.88	20.56	22.00
		49	64QAM	20.70	20.88	20.72	22.00
	25	0	64QAM	19.71	19.79	19.72	21.00
		12	64QAM	19.79	19.93	19.70	21.00
		25	64QAM	19.70	19.98	19.69	21.00
	50	0	64QAM	19.69	19.75	19.57	21.00
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	1	0	QPSK	22.83	22.93	22.74	24.00
		12	QPSK	22.70	23.03	22.73	24.00
		24	QPSK	22.73	22.95	22.71	24.00
	12	0	QPSK	21.83	22.07	21.64	23.00
		7	QPSK	21.78	22.20	21.80	23.00
		13	QPSK	21.72	22.13	21.74	23.00
	25	0	QPSK	21.81	22.09	21.82	23.00
5	1	0	16QAM	21.84	22.08	21.71	23.00
		12	16QAM	21.80	22.12	21.77	23.00
		24	16QAM	21.84	22.08	21.72	23.00
	12	0	16QAM	20.70	21.08	20.57	22.00
		7	16QAM	20.81	21.11	20.74	22.00
		13	16QAM	20.89	21.17	20.64	22.00
	25	0	16QAM	20.90	21.06	20.67	22.00
5	1	0	64QAM	20.72	20.94	20.76	22.00
		12	64QAM	20.57	20.85	20.63	22.00
		24	64QAM	20.69	20.95	20.65	22.00
	12	0	64QAM	19.79	19.86	19.68	21.00
		7	64QAM	19.71	19.98	19.68	21.00
		13	64QAM	19.76	19.88	19.68	21.00
	25	0	64QAM	19.71	19.78	19.59	21.00

LTE B26 Full Power ANT0							
Channel				26705	26865	27025	Tune-up limit
Frequency (MHz)				815.5	831.5	847.5	(dBm)
3	1	0	QPSK	22.90	22.98	22.83	24.00
		8	QPSK	22.67	22.95	22.76	24.00
		14	QPSK	22.76	22.89	22.81	24.00
	8	0	QPSK	21.80	22.12	21.71	23.00
		4	QPSK	21.74	22.13	21.69	23.00
		7	QPSK	21.80	22.13	21.64	23.00
	15	0	QPSK	21.81	22.11	21.70	23.00
3	1	0	16QAM	21.85	22.09	21.71	23.00
		8	16QAM	21.81	22.18	21.70	23.00
		14	16QAM	21.86	22.09	21.74	23.00
	8	0	16QAM	20.79	21.04	20.56	22.00
		4	16QAM	20.76	21.04	20.67	22.00
		7	16QAM	20.88	21.13	20.69	22.00
	15	0	16QAM	20.80	21.08	20.72	22.00
3	1	0	64QAM	20.73	20.96	20.70	22.00
		8	64QAM	20.62	20.81	20.56	22.00
		14	64QAM	20.59	20.83	20.72	22.00
	8	0	64QAM	19.71	19.82	19.70	21.00
		4	64QAM	19.79	19.92	19.65	21.00
		7	64QAM	19.77	19.95	19.66	21.00
	15	0	64QAM	19.75	19.79	19.60	21.00
Channel				26697	26865	27033	Tune-up limit
Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	1	0	QPSK	22.93	23.01	22.76	24.00
		3	QPSK	22.76	22.98	22.67	24.00
		5	QPSK	22.79	22.93	22.80	24.00
	3	0	QPSK	22.84	22.93	22.76	24.00
		1	QPSK	22.70	23.03	22.71	24.00
		3	QPSK	22.77	22.88	22.79	24.00
	6	0	QPSK	21.79	22.13	21.64	23.00
1.4	1	0	16QAM	21.81	22.21	21.75	23.00
		3	16QAM	21.79	22.19	21.75	23.00
		5	16QAM	21.81	22.11	21.70	23.00
	3	0	16QAM	21.81	22.10	21.65	23.00
		1	16QAM	21.86	22.12	21.77	23.00
		3	16QAM	21.68	22.09	21.63	23.00
	6	0	16QAM	20.78	21.17	20.76	22.00
1.4	1	0	64QAM	20.93	21.05	20.76	22.00
		3	64QAM	20.78	20.98	20.77	22.00
		5	64QAM	20.65	20.87	20.68	22.00
	3	0	64QAM	20.91	20.99	20.81	22.00
		1	64QAM	20.72	21.04	20.69	22.00
		3	64QAM	20.74	20.88	20.79	22.00
	6	0	64QAM	19.88	20.02	19.80	21.00

8.3.10 LTE Band66 Output Power

LTE B66 Full Power ANT0							
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	1	0	QPSK	23.03	23.20	23.10	24.00
		49	QPSK	23.11	23.18	23.16	24.00
		99	QPSK	23.11	23.08	23.18	24.00
	50	0	QPSK	22.19	22.24	22.16	23.00
		24	QPSK	22.17	22.21	22.15	23.00
		50	QPSK	22.17	22.20	22.11	23.00
	100	0	QPSK	22.19	22.18	22.16	23.00
20	1	0	16QAM	22.41	22.64	22.36	23.00
		49	16QAM	22.47	22.36	22.43	23.00
		99	16QAM	22.46	22.52	22.27	23.00
	50	0	16QAM	21.21	21.23	21.09	22.00
		24	16QAM	21.22	21.24	21.14	22.00
		50	16QAM	21.25	21.22	21.22	22.00
	100	0	16QAM	21.22	21.19	21.13	22.00
20	1	0	64QAM	20.97	21.15	21.07	22.00
		49	64QAM	21.08	21.13	21.15	22.00
		99	64QAM	21.04	21.05	21.06	22.00
	50	0	64QAM	19.92	20.12	19.96	21.00
		24	64QAM	19.97	20.06	19.98	21.00
		50	64QAM	19.96	20.11	20.12	21.00
	100	0	64QAM	20.03	20.01	20.07	21.00
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	1	0	QPSK	23.09	23.19	23.08	24.00
		37	QPSK	23.15	23.09	23.11	24.00
		74	QPSK	23.14	23.15	23.11	24.00
	36	0	QPSK	22.21	22.22	22.14	23.00
		20	QPSK	22.21	22.25	22.21	23.00
		39	QPSK	22.21	22.22	22.29	23.00
	75	0	QPSK	22.22	22.21	22.19	23.00
15	1	0	16QAM	22.65	22.51	22.54	23.00
		37	16QAM	22.46	22.45	22.64	23.00
		74	16QAM	22.55	22.44	22.54	23.00
	36	0	16QAM	21.20	21.25	21.14	22.00
		20	16QAM	21.23	21.25	21.16	22.00
		39	16QAM	21.18	21.21	21.29	22.00
	75	0	16QAM	21.25	21.19	21.18	22.00
15	1	0	64QAM	20.89	21.06	21.00	22.00
		37	64QAM	21.08	21.05	21.13	22.00
		74	64QAM	20.97	20.97	21.09	22.00
	36	0	64QAM	19.91	20.07	20.07	21.00
		20	64QAM	19.97	20.10	19.95	21.00
		39	64QAM	20.02	20.10	20.04	21.00
	75	0	64QAM	19.97	20.01	20.09	21.00
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	1	0	QPSK	23.08	23.10	23.15	24.00
		25	QPSK	23.13	23.16	23.10	24.00
		49	QPSK	23.06	23.14	23.13	24.00
	25	0	QPSK	22.35	22.40	22.33	23.00
		12	QPSK	22.34	22.42	22.34	23.00
		25	QPSK	22.35	22.34	22.38	23.00
	50	0	QPSK	22.36	22.40	22.32	23.00
10	1	0	16QAM	22.59	22.68	22.41	23.00
		25	16QAM	22.61	22.69	22.61	23.00
		49	16QAM	22.64	22.61	22.60	23.00
	25	0	16QAM	21.35	21.41	21.31	22.00
		12	16QAM	21.41	21.44	21.34	22.00
		25	16QAM	21.40	21.40	21.41	22.00
	50	0	16QAM	21.36	21.40	21.31	22.00
10	1	0	64QAM	20.92	21.17	20.97	22.00
		25	64QAM	21.03	21.06	21.14	22.00
		49	64QAM	21.07	21.05	21.09	22.00
	25	0	64QAM	19.94	20.13	19.98	21.00
		12	64QAM	19.92	20.05	19.97	21.00
		25	64QAM	20.04	20.17	20.13	21.00
	50	0	64QAM	19.99	20.01	20.06	21.00

LTE B66 Full Power ANT0							
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	1	0	QPSK	23.12	23.08	23.14	24.00
		12	QPSK	23.10	23.14	23.05	24.00
		24	QPSK	23.05	23.15	23.05	24.00
	12	0	QPSK	22.29	22.35	22.40	23.00
		7	QPSK	22.32	22.41	22.41	23.00
		13	QPSK	22.32	22.37	22.36	23.00
	25	0	QPSK	22.33	22.34	22.40	23.00
5	1	0	16QAM	22.60	22.69	22.67	23.00
		12	16QAM	22.76	22.93	22.83	23.00
		24	16QAM	22.64	22.71	22.71	23.00
	12	0	16QAM	21.34	21.49	21.36	22.00
		7	16QAM	21.37	21.57	21.41	22.00
		13	16QAM	21.29	21.52	21.38	22.00
	25	0	16QAM	21.30	21.38	21.37	22.00
5	1	0	64QAM	20.93	21.05	21.07	22.00
		12	64QAM	20.98	21.13	21.01	22.00
		24	64QAM	21.10	20.93	21.05	22.00
	12	0	64QAM	20.00	20.12	20.06	21.00
		7	64QAM	19.89	20.17	19.99	21.00
		13	64QAM	20.07	20.06	20.03	21.00
	25	0	64QAM	19.99	19.95	20.10	21.00
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	1	0	QPSK	23.15	23.17	23.12	24.00
		8	QPSK	23.07	23.06	23.13	24.00
		14	QPSK	23.11	23.08	23.09	24.00
	8	0	QPSK	22.33	22.38	22.40	23.00
		4	QPSK	22.34	22.41	22.46	23.00
		7	QPSK	22.33	22.35	22.42	23.00
	15	0	QPSK	22.31	22.33	22.42	23.00
3	1	0	16QAM	22.58	22.56	22.64	23.00
		8	16QAM	22.78	22.83	22.67	23.00
		14	16QAM	22.74	22.64	22.68	23.00
	8	0	16QAM	21.32	21.45	21.40	22.00
		4	16QAM	21.33	21.47	21.46	22.00
		7	16QAM	21.34	21.41	21.42	22.00
	15	0	16QAM	21.32	21.33	21.39	22.00
3	1	0	64QAM	20.98	21.08	21.02	22.00
		8	64QAM	20.96	21.07	21.11	22.00
		14	64QAM	21.05	21.05	21.10	22.00
	8	0	64QAM	19.93	20.18	20.08	21.00
		4	64QAM	19.88	20.15	20.03	21.00
		7	64QAM	20.04	20.15	20.06	21.00
	15	0	64QAM	20.01	20.04	20.13	21.00
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	1	0	QPSK	23.10	23.16	23.13	24.00
		3	QPSK	23.13	23.10	23.06	24.00
		5	QPSK	23.11	23.13	23.10	24.00
	3	0	QPSK	23.05	23.07	23.16	24.00
		1	QPSK	23.09	23.05	23.05	24.00
		3	QPSK	23.15	23.07	23.10	24.00
	6	0	QPSK	22.30	22.33	22.39	23.00
1.4	1	0	16QAM	22.51	22.57	22.63	23.00
		3	16QAM	22.49	22.57	22.73	23.00
		5	16QAM	22.34	22.55	22.68	23.00
	3	0	16QAM	22.39	22.44	22.53	23.00
		1	16QAM	22.40	22.48	22.58	23.00
		3	16QAM	22.39	22.46	22.58	23.00
	6	0	16QAM	21.31	21.33	21.44	22.00
1.4	1	0	64QAM	20.98	21.18	21.07	22.00
		3	64QAM	20.99	21.09	21.01	22.00
		5	64QAM	21.09	21.05	21.15	22.00
	3	0	64QAM	20.91	21.17	20.97	22.00
		1	64QAM	21.05	21.08	21.03	22.00
		3	64QAM	21.04	20.95	21.10	22.00
	6	0	64QAM	19.88	20.05	19.99	21.00

8.3.11 LTE Band71 Output Power

LTE B71 Full Power ANT0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	1	0	QPSK	23.16	23.21	23.14	24.00
		49	QPSK	23.07	23.18	23.13	24.00
		99	QPSK	23.06	23.14	23.08	24.00
	50	0	QPSK	22.12	22.26	22.15	23.00
		24	QPSK	22.09	22.20	22.04	23.00
		50	QPSK	22.07	22.21	22.14	23.00
	100	0	QPSK	22.10	22.24	22.03	23.00
20	1	0	16QAM	22.11	22.26	22.02	23.00
		49	16QAM	22.05	22.23	22.04	23.00
		99	16QAM	22.12	22.15	22.14	23.00
	50	0	16QAM	21.03	21.28	21.05	22.00
		24	16QAM	21.10	21.23	21.13	22.00
		50	16QAM	21.12	21.24	21.01	22.00
	100	0	16QAM	21.04	21.25	21.14	22.00
20	1	0	64QAM	21.07	21.18	21.00	22.00
		49	64QAM	21.04	21.11	21.04	22.00
		99	64QAM	20.99	21.10	20.98	22.00
	50	0	64QAM	20.01	20.17	20.04	21.00
		24	64QAM	20.13	20.10	20.08	21.00
		50	64QAM	19.94	20.12	20.03	21.00
	100	0	64QAM	19.97	19.99	19.94	21.00
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	1	0	QPSK	23.09	23.07	23.04	24.00
		37	QPSK	22.96	23.05	23.04	24.00
		74	QPSK	23.01	23.10	22.93	24.00
	36	0	QPSK	22.05	22.19	22.10	23.00
		20	QPSK	22.00	22.10	21.99	23.00
		39	QPSK	22.05	22.12	22.12	23.00
75	0	QPSK	22.04	22.09	21.96	23.00	
15	1	0	16QAM	22.01	22.19	21.94	23.00
		37	16QAM	21.96	22.20	22.02	23.00
		74	16QAM	22.06	22.11	22.05	23.00
	36	0	16QAM	20.91	21.16	20.92	22.00
		20	16QAM	20.98	21.10	21.11	22.00
		39	16QAM	21.06	21.10	20.95	22.00
75	0	16QAM	20.96	21.13	21.04	22.00	
15	1	0	64QAM	20.98	21.14	20.94	22.00
		37	64QAM	20.96	20.99	20.91	22.00
		74	64QAM	20.96	21.07	20.87	22.00
	36	0	64QAM	19.94	20.10	19.94	21.00
		20	64QAM	20.00	19.99	19.99	21.00
		39	64QAM	19.88	19.97	19.89	21.00
	75	0	64QAM	19.88	19.92	19.79	21.00

LTE B71 Full Power ANT0							
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	1	0	QPSK	23.15	23.19	23.01	24.00
		25	QPSK	22.99	23.11	23.00	24.00
		49	QPSK	22.99	23.13	22.96	24.00
	25	0	QPSK	22.01	22.12	22.09	23.00
		12	QPSK	22.06	22.15	22.03	23.00
		25	QPSK	22.01	22.19	22.09	23.00
	50	0	QPSK	22.03	22.23	21.94	23.00
10	1	0	16QAM	22.05	22.14	21.90	23.00
		25	16QAM	22.03	22.17	21.99	23.00
		49	16QAM	21.99	22.04	22.00	23.00
	25	0	16QAM	20.99	21.22	20.94	22.00
		12	16QAM	21.06	21.18	21.02	22.00
		25	16QAM	20.97	21.23	21.00	22.00
	50	0	16QAM	20.99	21.11	21.05	22.00
10	1	0	64QAM	21.01	21.08	20.89	22.00
		25	64QAM	20.90	20.99	20.96	22.00
		49	64QAM	20.91	21.04	20.89	22.00
	25	0	64QAM	19.94	20.06	19.94	21.00
		12	64QAM	20.03	20.02	19.95	21.00
		25	64QAM	19.92	20.00	19.96	21.00
	50	0	64QAM	19.95	19.94	19.91	21.00
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	1	0	QPSK	23.02	23.09	23.01	24.00
		12	QPSK	22.96	23.14	23.02	24.00
		24	QPSK	22.96	23.09	23.01	24.00
	12	0	QPSK	22.00	22.16	22.09	23.00
		7	QPSK	21.94	22.14	21.98	23.00
		13	QPSK	21.92	22.11	22.00	23.00
	25	0	QPSK	21.97	22.10	21.93	23.00
5	1	0	16QAM	21.96	22.11	21.89	23.00
		12	16QAM	21.97	22.20	21.89	23.00
		24	16QAM	22.09	22.06	22.00	23.00
	12	0	16QAM	20.91	21.25	20.91	22.00
		7	16QAM	21.06	21.10	21.01	22.00
		13	16QAM	21.09	21.23	20.87	22.00
	25	0	16QAM	20.99	21.11	21.12	22.00
5	1	0	64QAM	21.06	21.15	20.96	22.00
		12	64QAM	20.97	21.10	20.92	22.00
		24	64QAM	20.95	21.09	20.85	22.00
	12	0	64QAM	19.88	20.08	20.01	21.00
		7	64QAM	20.06	19.98	19.98	21.00
		13	64QAM	19.88	20.02	20.02	21.00
	25	0	64QAM	19.89	19.92	19.84	21.00

8.3.12 LTE Band38 Output Power

LTE B38 Full Power ANT0							
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	1	0	QPSK	18.21	18.25	18.23	19.00
		49	QPSK	18.18	18.22	18.15	19.00
		99	QPSK	18.16	18.21	18.17	19.00
	50	0	QPSK	17.35	17.37	17.34	18.00
		24	QPSK	17.36	17.32	17.34	18.00
		50	QPSK	17.33	17.30	17.32	18.00
	100	0	QPSK	17.33	17.38	17.28	18.00
20	1	0	16QAM	17.68	17.51	17.67	18.00
		49	16QAM	17.69	17.59	17.72	18.00
		99	16QAM	17.60	17.43	17.70	18.00
	50	0	16QAM	16.39	16.35	16.35	17.00
		24	16QAM	16.44	16.47	16.41	17.00
		50	16QAM	16.46	16.47	16.44	17.00
	100	0	16QAM	16.40	16.42	16.35	17.00
20	1	0	64QAM	16.09	16.22	16.22	17.00
		49	64QAM	16.13	16.16	16.04	17.00
		99	64QAM	16.09	16.14	16.10	17.00
	50	0	64QAM	15.06	15.14	15.09	16.00
		24	64QAM	15.07	15.20	15.16	16.00
		50	64QAM	15.06	15.14	15.01	16.00
	100	0	64QAM	15.12	15.08	15.14	16.00
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	1	0	QPSK	18.21	18.27	18.16	19.00
		37	QPSK	18.16	18.16	18.13	19.00
		74	QPSK	18.16	18.10	18.23	19.00
	36	0	QPSK	17.28	17.26	17.24	18.00
		20	QPSK	17.31	17.35	17.34	18.00
		39	QPSK	17.30	17.33	17.34	18.00
	75	0	QPSK	17.34	17.34	17.35	18.00
15	1	0	16QAM	17.51	17.66	17.42	18.00
		37	16QAM	17.60	17.61	17.68	18.00
		74	16QAM	17.48	17.55	17.52	18.00
	36	0	16QAM	16.36	16.25	16.33	17.00
		20	16QAM	16.34	16.37	16.37	17.00
		39	16QAM	16.35	16.37	16.40	17.00
	75	0	16QAM	16.32	16.40	16.37	17.00
15	1	0	64QAM	16.06	16.16	16.22	17.00
		37	64QAM	16.07	16.07	16.10	17.00
		74	64QAM	16.02	16.18	16.14	17.00
	36	0	64QAM	15.08	15.13	15.20	16.00
		20	64QAM	15.20	15.11	15.13	16.00
		39	64QAM	15.03	15.11	15.07	16.00
	75	0	64QAM	15.10	15.11	15.15	16.00

LTE B38 Full Power ANT0							
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	1	0	QPSK	18.19	18.21	18.12	19.00
		25	QPSK	18.12	18.17	18.16	19.00
		49	QPSK	18.10	18.11	18.14	19.00
	25	0	QPSK	17.52	17.45	17.48	18.00
		12	QPSK	17.54	17.60	17.51	18.00
		25	QPSK	17.49	17.57	17.63	18.00
	50	0	QPSK	17.52	17.58	17.55	18.00
10	1	0	16QAM	17.66	17.83	17.85	18.00
		25	16QAM	17.74	17.93	17.83	18.00
		49	16QAM	17.69	17.94	18.00	18.00
	25	0	16QAM	16.60	16.41	16.65	17.00
		12	16QAM	16.55	16.56	16.63	17.00
		25	16QAM	16.57	16.53	16.68	17.00
	50	0	16QAM	16.54	16.61	16.56	17.00
10	1	0	64QAM	16.15	16.12	16.09	17.00
		25	64QAM	16.03	16.11	16.10	17.00
		49	64QAM	16.11	16.15	16.03	17.00
	25	0	64QAM	15.15	15.19	15.19	16.00
		12	64QAM	15.13	15.13	15.18	16.00
		25	64QAM	15.05	15.08	15.07	16.00
	50	0	64QAM	15.04	15.16	15.05	16.00
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	1	0	QPSK	18.13	18.22	18.21	19.00
		12	QPSK	18.18	18.23	18.14	19.00
		24	QPSK	18.11	18.20	18.12	19.00
	12	0	QPSK	17.48	17.58	17.56	18.00
		7	QPSK	17.54	17.62	17.60	18.00
		13	QPSK	17.50	17.56	17.61	18.00
	25	0	QPSK	17.50	17.57	17.60	18.00
5	1	0	16QAM	17.74	17.89	17.86	18.00
		12	16QAM	17.81	17.86	17.75	18.00
		24	16QAM	17.68	17.93	17.88	18.00
	12	0	16QAM	16.68	16.65	16.57	17.00
		7	16QAM	16.72	16.68	16.60	17.00
		13	16QAM	16.68	16.63	16.60	17.00
	25	0	16QAM	16.52	16.60	16.60	17.00
5	1	0	64QAM	16.12	16.14	16.15	17.00
		12	64QAM	16.04	16.16	16.04	17.00
		24	64QAM	16.07	16.10	16.10	17.00
	12	0	64QAM	15.16	15.22	15.11	16.00
		7	64QAM	15.18	15.14	15.21	16.00
		13	64QAM	15.04	15.15	15.00	16.00
	25	0	64QAM	15.02	15.12	15.12	16.00

8.3.13 LTE Band41 Output Power

LTE B41 Full Power ANTO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	1	0	QPSK	18.45	18.30	18.48	18.42	18.44	19.50
		49	QPSK	18.43	18.34	18.36	18.40	18.42	19.50
		99	QPSK	18.37	18.29	18.40	18.41	18.43	19.50
	50	0	QPSK	17.48	17.34	17.51	17.45	17.48	18.50
		24	QPSK	17.37	17.33	17.36	17.43	17.43	18.50
		50	QPSK	17.47	17.33	17.41	17.47	17.54	18.50
	100	0	QPSK	17.43	17.38	17.42	17.50	17.52	18.50
20	1	0	16QAM	17.83	17.61	17.55	17.73	17.93	18.50
		49	16QAM	17.91	17.72	17.58	17.63	17.87	18.50
		99	16QAM	17.82	17.65	17.62	17.70	17.88	18.50
	50	0	16QAM	16.55	16.43	16.43	16.57	16.60	17.50
		24	16QAM	16.48	16.45	16.47	16.58	16.60	17.50
		50	16QAM	16.53	16.45	16.45	16.56	16.70	17.50
	100	0	16QAM	16.49	16.46	16.48	16.59	16.58	17.50
20	1	0	64QAM	16.43	16.23	16.26	16.41	16.43	17.50
		49	64QAM	16.36	16.20	16.27	16.36	16.38	17.50
		99	64QAM	16.22	16.16	16.27	16.34	16.33	17.50
	50	0	64QAM	15.37	15.20	15.19	15.39	15.29	16.50
		24	64QAM	15.32	15.20	15.23	15.27	15.32	16.50
		50	64QAM	15.30	15.32	15.34	15.30	15.31	16.50
	100	0	64QAM	15.29	15.27	15.27	15.34	15.37	16.50
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	1	0	QPSK	18.33	18.30	18.32	18.49	18.51	19.50
		37	QPSK	18.37	18.29	18.41	18.57	18.56	19.50
		74	QPSK	18.24	18.28	18.46	18.54	18.60	19.50
	36	0	QPSK	17.39	17.37	17.32	17.47	17.47	18.50
		20	QPSK	17.39	17.36	17.33	17.48	17.54	18.50
		39	QPSK	17.34	17.36	17.39	17.49	17.54	18.50
	75	0	QPSK	17.37	17.37	17.38	17.51	17.59	18.50
15	1	0	16QAM	17.52	17.56	17.59	17.67	17.74	18.50
		37	16QAM	17.69	17.66	17.66	17.77	17.80	18.50
		74	16QAM	17.57	17.52	17.66	17.77	17.73	18.50
	36	0	16QAM	16.54	16.39	16.37	16.53	16.48	17.50
		20	16QAM	16.42	16.39	16.43	16.52	16.57	17.50
		39	16QAM	16.41	16.41	16.41	16.53	16.59	17.50
	75	0	16QAM	16.45	16.41	16.43	16.52	16.57	17.50
15	1	0	64QAM	16.39	16.26	16.13	16.32	16.34	17.50
		37	64QAM	16.34	16.33	16.25	16.26	16.29	17.50
		74	64QAM	16.22	16.20	16.27	16.29	16.33	17.50
	36	0	64QAM	15.39	15.22	15.25	15.35	15.38	16.50
		20	64QAM	15.41	15.18	15.25	15.38	15.37	16.50
		39	64QAM	15.31	15.31	15.22	15.27	15.35	16.50
	75	0	64QAM	15.24	15.22	15.26	15.26	15.28	16.50

LTE B41 Full Power ANT0									
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	1	0	QPSK	18.64	18.47	18.50	18.61	18.67	19.50
		25	QPSK	18.62	18.50	18.59	18.66	18.81	19.50
		49	QPSK	18.61	18.48	18.52	18.63	18.74	19.50
	25	0	QPSK	17.72	17.58	17.55	17.63	17.68	18.50
		12	QPSK	17.72	17.58	17.61	17.64	17.71	18.50
		25	QPSK	17.65	17.58	17.59	17.67	17.79	18.50
	50	0	QPSK	17.67	17.57	17.60	17.71	17.76	18.50
10	1	0	16QAM	17.81	17.77	17.86	17.98	18.04	18.50
		25	16QAM	17.81	17.69	17.96	18.01	18.07	18.50
		49	16QAM	17.73	17.79	17.91	17.98	18.01	18.50
	25	0	16QAM	16.76	16.65	16.61	16.70	16.81	17.50
		12	16QAM	16.70	16.71	16.63	16.73	16.82	17.50
		25	16QAM	16.75	16.64	16.63	16.82	16.86	17.50
	50	0	16QAM	16.74	16.63	16.65	16.74	16.78	17.50
10	1	0	64QAM	16.35	16.21	16.14	16.37	16.34	17.50
		25	64QAM	16.33	16.24	16.31	16.36	16.33	17.50
		49	64QAM	16.30	16.18	16.30	16.33	16.40	17.50
	25	0	64QAM	15.36	15.15	15.23	15.38	15.29	16.50
		12	64QAM	15.31	15.29	15.17	15.27	15.39	16.50
		25	64QAM	15.38	15.32	15.28	15.30	15.35	16.50
	50	0	64QAM	15.35	15.15	15.34	15.39	15.41	16.50
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5	
5	1	0	QPSK	18.54	18.52	18.46	18.51	18.65	19.50
		12	QPSK	18.61	18.50	18.56	18.64	18.70	19.50
		24	QPSK	18.56	18.49	18.51	18.62	18.64	19.50
	12	0	QPSK	17.61	17.55	17.55	17.69	17.73	18.50
		7	QPSK	17.65	17.60	17.61	17.74	17.74	18.50
		13	QPSK	17.65	17.50	17.55	17.66	17.74	18.50
	25	0	QPSK	17.62	17.52	17.55	17.69	17.76	18.50
5	1	0	16QAM	17.93	17.83	17.95	18.00	17.92	18.50
		12	16QAM	17.94	17.88	17.99	18.06	18.05	18.50
		24	16QAM	17.96	17.81	17.95	17.90	18.05	18.50
	12	0	16QAM	16.81	16.71	16.66	16.75	16.88	17.50
		7	16QAM	16.78	16.74	16.71	16.79	16.92	17.50
		13	16QAM	16.78	16.64	16.69	16.77	16.89	17.50
	25	0	16QAM	16.63	16.66	16.56	16.77	16.87	17.50
5	1	0	64QAM	16.38	16.20	16.12	16.37	16.42	17.50
		12	64QAM	16.34	16.25	16.24	16.34	16.33	17.50
		24	64QAM	16.36	16.22	16.36	16.28	16.36	17.50
	12	0	64QAM	15.44	15.19	15.13	15.32	15.43	16.50
		7	64QAM	15.43	15.21	15.20	15.39	15.32	16.50
		13	64QAM	15.42	15.28	15.21	15.27	15.40	16.50
	25	0	64QAM	15.34	15.18	15.35	15.34	15.37	16.50

8.3.14 LTE Band42 Output Power

LTE B42 Full Power ANT1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				41690	42590	43490	
Frequency (MHz)				3410	3500	3590	
20	1	0	QPSK	23.74	23.92	23.87	25.00
		49	QPSK	23.66	23.88	23.68	25.00
		99	QPSK	23.71	23.89	23.72	25.00
	50	0	QPSK	22.73	22.98	22.74	24.00
		24	QPSK	22.62	22.95	22.85	24.00
		50	QPSK	22.73	22.84	22.78	24.00
	100	0	QPSK	22.67	23.04	22.81	24.00
20	1	0	16QAM	22.73	23.02	22.77	24.00
		49	16QAM	22.66	23.08	22.83	24.00
		99	16QAM	22.68	23.14	22.84	24.00
	50	0	16QAM	21.72	21.99	21.85	23.00
		24	16QAM	21.62	22.03	21.74	23.00
		50	16QAM	21.62	22.09	21.79	23.00
	100	0	16QAM	21.68	21.97	21.73	23.00
20	1	0	64QAM	21.71	21.87	21.81	23.00
		49	64QAM	21.63	21.87	21.64	23.00
		99	64QAM	21.61	21.80	21.57	23.00
	50	0	64QAM	20.64	20.81	20.86	22.00
		24	64QAM	20.62	20.89	20.81	22.00
		50	64QAM	20.65	20.74	20.67	22.00
	100	0	64QAM	20.68	20.78	20.58	22.00
Channel				41665	42590	43515	Tune-up limit (dBm)
Frequency (MHz)				3407.5	3500	3592.5	
15	1	0	QPSK	23.63	23.81	23.80	25.00
		37	QPSK	23.59	23.83	23.64	25.00
		74	QPSK	23.63	23.82	23.68	25.00
	36	0	QPSK	22.66	22.83	22.63	24.00
		20	QPSK	22.54	22.88	22.70	24.00
		39	QPSK	22.66	23.00	22.75	24.00
	75	0	QPSK	22.60	22.89	22.70	24.00
15	1	0	16QAM	22.61	22.98	22.75	24.00
		37	16QAM	22.59	22.94	22.75	24.00
		74	16QAM	22.63	23.11	22.71	24.00
	36	0	16QAM	21.68	21.85	21.84	23.00
		20	16QAM	21.47	22.00	21.68	23.00
		39	16QAM	21.49	21.96	21.71	23.00
	75	0	16QAM	21.58	21.94	21.62	23.00
15	1	0	64QAM	21.63	21.86	21.68	23.00
		37	64QAM	21.62	21.81	21.52	23.00
		74	64QAM	21.56	21.74	21.44	23.00
	36	0	64QAM	20.59	20.79	20.72	22.00
		20	64QAM	20.50	20.81	20.71	22.00
		39	64QAM	20.55	20.72	20.58	22.00
	75	0	64QAM	20.59	20.66	20.44	22.00

LTE B42 Full Power ANT1							
Channel				41640	42590	43540	Tune-up limit (dBm)
Frequency (MHz)				3405	3500	3595	
10	1	0	QPSK	23.69	23.83	23.81	25.00
		25	QPSK	23.64	23.87	23.59	25.00
		49	QPSK	23.68	23.81	23.61	25.00
	25	0	QPSK	22.59	22.97	22.69	24.00
		12	QPSK	22.48	22.82	22.82	24.00
		25	QPSK	22.67	22.99	22.63	24.00
	50	0	QPSK	22.52	22.98	22.68	24.00
10	1	0	16QAM	22.59	22.88	22.74	24.00
		25	16QAM	22.61	22.94	22.75	24.00
		49	16QAM	22.60	23.01	22.74	24.00
	25	0	16QAM	21.62	21.86	21.71	23.00
		12	16QAM	21.52	21.99	21.65	23.00
		25	16QAM	21.54	22.08	21.77	23.00
	50	0	16QAM	21.53	21.94	21.70	23.00
10	1	0	64QAM	21.68	21.83	21.71	23.00
		25	64QAM	21.56	21.76	21.62	23.00
		49	64QAM	21.51	21.74	21.46	23.00
	25	0	64QAM	20.55	20.66	20.75	22.00
		12	64QAM	20.47	20.84	20.78	22.00
		25	64QAM	20.59	20.66	20.62	22.00
	50	0	64QAM	20.61	20.70	20.47	22.00
Channel				41615	42590	43565	Tune-up limit (dBm)
Frequency (MHz)				3402.5	3500	3597.5	
5	1	0	QPSK	23.70	23.88	23.78	25.00
		12	QPSK	23.51	23.73	23.58	25.00
		24	QPSK	23.68	23.85	23.69	25.00
	12	0	QPSK	22.70	22.96	22.69	24.00
		7	QPSK	22.57	22.85	22.76	24.00
		13	QPSK	22.72	22.99	22.66	24.00
	25	0	QPSK	22.61	22.90	22.71	24.00
5	1	0	16QAM	22.66	22.94	22.75	24.00
		12	16QAM	22.64	22.98	22.69	24.00
		24	16QAM	22.63	23.09	22.76	24.00
	12	0	16QAM	21.71	21.87	21.75	23.00
		7	16QAM	21.57	21.91	21.70	23.00
		13	16QAM	21.55	21.94	21.64	23.00
	25	0	16QAM	21.56	21.95	21.69	23.00
5	1	0	64QAM	21.58	21.76	21.71	23.00
		12	64QAM	21.61	21.83	21.57	23.00
		24	64QAM	21.55	21.68	21.45	23.00
	12	0	64QAM	20.62	20.78	20.79	22.00
		7	64QAM	20.54	20.88	20.68	22.00
		13	64QAM	20.50	20.71	20.61	22.00
	25	0	64QAM	20.55	20.77	20.47	22.00

8.3.15 LTE Band43 Output Power

LTE B43 Full Power ANT1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	44140	44590	45040	45490	
Frequency (MHz)				3610	3655	3700	3745	3790	
20	1	0	QPSK	24.18	24.13	24.28	24.16	24.22	25.00
		49	QPSK	24.14	24.04	24.14	24.12	24.19	25.00
		99	QPSK	24.24	24.03	24.13	24.02	24.09	25.00
	50	0	QPSK	23.22	23.00	23.27	23.04	23.20	24.00
		24	QPSK	23.19	23.06	23.24	23.06	23.10	24.00
		50	QPSK	23.25	23.08	23.22	23.12	23.16	24.00
	100	0	QPSK	23.22	23.12	23.25	23.11	23.12	24.00
20	1	0	16QAM	23.19	23.08	23.43	23.01	23.15	24.00
		49	16QAM	23.27	23.02	23.42	23.10	23.11	24.00
		99	16QAM	23.26	23.05	23.38	23.04	23.21	24.00
	50	0	16QAM	22.15	22.03	22.22	22.05	22.07	23.00
		24	16QAM	22.25	22.12	22.28	22.01	22.16	23.00
		50	16QAM	22.20	21.98	22.24	22.06	22.07	23.00
	100	0	16QAM	22.26	22.09	22.27	22.13	22.14	23.00
20	1	0	64QAM	22.21	22.06	22.09	22.09	22.19	23.00
		49	64QAM	22.13	21.98	22.17	22.08	22.15	23.00
		99	64QAM	22.19	22.04	22.10	22.10	22.21	23.00
	50	0	64QAM	21.19	20.99	21.08	22.02	22.20	22.00
		24	64QAM	21.18	21.05	21.06	21.07	21.19	22.00
		50	64QAM	21.15	21.07	21.16	21.03	21.19	22.00
	100	0	64QAM	21.27	21.09	21.13	21.01	21.17	22.00
Channel				43665	44295	44590	44885	45515	
Frequency (MHz)				3607.5	3670.5	3700	3729.5	3792.5	
15	1	0	QPSK	24.15	24.01	24.06	24.14	24.20	25.00
		37	QPSK	24.12	23.99	24.06	24.06	24.14	25.00
		74	QPSK	24.18	23.88	24.03	23.91	23.95	25.00
	36	0	QPSK	23.08	22.98	23.13	22.98	23.18	24.00
		20	QPSK	23.14	23.01	23.15	23.02	22.96	24.00
		39	QPSK	23.15	23.07	23.15	23.04	23.04	24.00
	75	0	QPSK	23.12	23.06	23.23	23.09	23.02	24.00
15	1	0	16QAM	23.10	23.04	23.39	22.92	23.04	24.00
		37	16QAM	23.21	22.98	23.41	23.08	23.10	24.00
		74	16QAM	23.15	23.04	23.27	22.91	23.17	24.00
	36	0	16QAM	22.03	21.93	22.08	22.01	22.04	23.00
		20	16QAM	22.17	22.02	22.18	21.92	22.13	23.00
		39	16QAM	22.16	21.91	22.18	21.92	22.01	23.00
	75	0	16QAM	22.16	21.98	22.13	22.11	22.06	23.00
15	1	0	64QAM	22.10	22.01	21.96	21.95	22.07	23.00
		37	64QAM	22.05	21.90	22.16	21.93	22.04	23.00
		74	64QAM	22.08	21.89	21.99	22.00	22.19	23.00
	36	0	64QAM	21.16	20.84	21.05	21.89	22.15	22.00
		20	64QAM	21.03	20.98	21.00	21.05	21.16	22.00
		39	64QAM	21.01	21.02	21.01	20.95	21.07	22.00
	75	0	64QAM	21.21	21.03	21.05	20.99	21.06	22.00

LTE B43 Full Power ANT1									
Channel				43640	44290	44590	44890	45540	Tune-up limit (dBm)
Frequency (MHz)				3605	3670	3700	3730	3795	
10	1	0	QPSK	24.26	24.05	24.09	24.13	24.14	25.00
		25	QPSK	24.13	23.92	23.99	24.02	24.18	25.00
		49	QPSK	24.21	23.98	24.08	23.95	24.00	25.00
	25	0	QPSK	23.18	22.87	23.20	22.91	23.19	24.00
		12	QPSK	23.10	23.00	23.12	23.02	23.04	24.00
		25	QPSK	23.21	22.97	23.13	22.98	23.01	24.00
50	0	QPSK	23.15	22.98	23.10	22.97	23.06	24.00	
10	1	0	16QAM	23.05	23.06	23.33	22.86	23.07	24.00
		25	16QAM	23.14	22.96	23.32	23.04	23.04	24.00
		49	16QAM	23.18	22.97	23.24	22.90	23.18	24.00
	25	0	16QAM	22.14	21.89	22.08	22.03	22.04	23.00
		12	16QAM	22.12	22.11	22.18	22.00	22.04	23.00
		25	16QAM	22.05	21.87	22.17	21.94	21.93	23.00
50	0	16QAM	22.21	22.07	22.21	22.01	22.04	23.00	
10	1	0	64QAM	22.06	21.94	22.03	22.07	22.16	23.00
		25	64QAM	22.06	21.96	22.05	22.03	22.14	23.00
		49	64QAM	22.14	21.96	22.02	21.99	22.12	23.00
	25	0	64QAM	21.04	20.97	21.00	21.92	22.11	22.00
		12	64QAM	21.05	20.94	20.93	21.06	21.05	22.00
		25	64QAM	21.08	20.97	21.09	21.00	21.08	22.00
50	0	64QAM	21.14	21.06	21.04	21.00	21.09	22.00	
Channel				43615	44285	44590	44895	45565	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3669.5	3700	3730.5	3797.5	
5	1	0	QPSK	24.18	24.02	24.13	24.08	24.17	25.00
		12	QPSK	24.11	23.93	24.13	24.11	24.12	25.00
		24	QPSK	24.22	23.94	23.99	23.92	23.95	25.00
	12	0	QPSK	23.12	22.89	23.24	23.02	23.05	24.00
		7	QPSK	23.16	23.03	23.18	22.98	23.02	24.00
		13	QPSK	23.22	22.97	23.09	23.00	23.10	24.00
25	0	QPSK	23.10	23.00	23.18	23.00	23.02	24.00	
5	1	0	16QAM	23.11	23.03	23.33	22.90	23.10	24.00
		12	16QAM	23.21	23.01	23.33	23.05	22.99	24.00
		24	16QAM	23.25	23.00	23.24	23.02	23.07	24.00
	12	0	16QAM	22.05	21.93	22.13	21.91	22.01	23.00
		7	16QAM	22.22	22.10	22.16	21.97	22.05	23.00
		13	16QAM	22.10	21.97	22.12	21.99	22.06	23.00
25	0	16QAM	22.24	21.97	22.12	22.05	22.13	23.00	
5	1	0	64QAM	22.19	22.05	22.02	22.03	22.07	23.00
		12	64QAM	22.00	21.87	22.06	21.95	22.09	23.00
		24	64QAM	22.12	21.90	21.99	22.08	22.10	23.00
	12	0	64QAM	21.16	20.84	20.98	21.90	22.08	22.00
		7	64QAM	21.07	21.00	21.05	21.03	21.07	22.00
		13	64QAM	21.05	20.94	21.08	20.97	21.15	22.00
25	0	64QAM	21.25	20.98	21.11	20.91	21.06	22.00	

8.4.1 NR Band2 Output Power

N2-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				372000	376000	380000	Tune-up power(dBm)
Frequency(MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.47	23.56	23.52	24.50
		1	53	23.43	23.51	23.44	24.50
		1	104	23.36	23.53	23.39	24.50
	PI/2 BPSK	50	0	22.86	22.86	22.97	24.00
		50	28	23.41	23.46	23.41	24.50
		50	56	22.96	22.88	23.38	24.00
	PI/2 BPSK	100	0	22.94	22.84	22.99	24.00
		1	1	23.37	23.44	23.47	24.50
		1	53	23.43	23.39	23.45	24.50
		1	104	23.38	23.45	23.44	24.50
	QPSK	50	0	22.36	22.43	22.43	23.50
		50	28	23.35	23.35	23.49	24.50
		50	56	22.38	22.41	22.37	23.50
	QPSK	100	0	22.35	22.37	22.42	23.50
	16QAM	1	1	22.41	22.45	22.51	23.50
	64QAM	1	1	20.88	20.94	20.87	22.00
	256QAM	1	1	18.86	19.08	19.01	20.00
Channel				371500	376000	380500	Tune-up power(dBm)
Frequency(MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	23.39	23.55	23.38	24.50
Channel				371000	376000	381000	Tune-up power(dBm)
Frequency(MHz)				1855	1880	1905	
10	QPSK	1	1	23.41	23.41	23.38	24.50
Channel				370500	376000	381500	Tune-up power(dBm)
Frequency(MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	23.35	23.50	23.40	24.50

8.4.2 NR Band5 Output Power

N5-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				166800	167300	167800	Tune-up power(dBm)
Frequency(MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.32	23.39	23.37	24.50
		1	53	23.18	23.21	23.20	24.50
		1	104	22.93	23.04	22.97	24.50
	PI/2 BPSK	50	0	22.68	22.71	22.70	24.00
		50	28	23.12	23.18	23.15	24.50
		50	56	22.51	22.58	22.56	24.00
	PI/2 BPSK	100	0	22.54	22.69	22.63	24.00
	QPSK	1	1	23.27	23.36	23.33	24.50
		1	53	23.13	23.21	23.19	24.50
		1	104	22.87	23.04	22.96	24.50
	QPSK	50	0	22.17	22.29	22.26	23.50
		50	28	23.05	23.18	23.14	24.50
		50	56	21.95	22.12	22.08	23.50
	QPSK	100	0	22.15	22.24	22.20	23.50
	16QAM	1	1	22.38	22.47	22.45	23.50
	64QAM	1	1	20.82	20.95	20.87	22.00
	256QAM	1	1	18.87	18.98	18.94	20.00
Channel				166300	167300	168300	Tune-up power(dBm)
Frequency(MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.25	23.36	23.22	24.50
Channel				165800	167300	168800	Tune-up power(dBm)
Frequency(MHz)				829	836.5	844	
10	QPSK	1	1	23.26	23.35	23.31	24.50
Channel				165300	167300	169300	Tune-up power(dBm)
Frequency(MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.20	23.37	23.25	24.50

8.4.3 NR Band7 Output Power

N7-ANT0 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency(MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	18.39	18.45	18.42	19.50
		1	53	18.37	18.42	18.38	19.50
		1	104	18.38	18.43	18.41	19.50
	PI/2 BPSK	50	0	17.72	17.76	17.74	19.00
		50	28	18.23	18.29	18.28	19.50
		50	56	17.68	17.73	17.72	19.00
	PI/2 BPSK	100	0	17.71	17.75	17.73	19.00
	QPSK	1	1	18.32	18.38	18.35	19.50
		1	53	18.29	18.36	18.33	19.50
		1	104	18.26	18.34	18.31	19.50
	QPSK	50	0	17.25	17.35	17.30	18.50
		50	28	18.28	18.34	18.29	19.50
		50	56	17.24	17.32	17.27	18.50
	QPSK	100	0	17.26	17.34	17.32	18.50
	16QAM	1	1	17.42	17.46	17.44	18.50
	64QAM	1	1	15.87	15.98	15.93	17.00
	256QAM	1	1	13.78	13.85	13.81	15.00
Channel				501500	507000	512500	Tune-up power
Frequency(MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	18.24	18.41	18.39	19.50
Channel				501000	507000	513000	Tune-up power
Frequency(MHz)				2505	2535	2565	
10	QPSK	1	1	18.30	18.43	18.27	19.50
Channel				500500	507000	513500	Tune-up power
Frequency(MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	18.38	18.35	18.40	19.50

8.4.4 NR Band25 Output Power

N25-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency(MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.69	23.71	23.64	24.50
		1	53	23.61	23.66	23.56	24.50
		1	104	23.58	23.65	23.52	24.50
	PI/2 BPSK	50	0	23.12	23.13	23.09	24.00
		50	28	23.62	23.66	23.62	24.50
		50	56	23.10	23.11	23.57	24.00
	PI/2 BPSK	100	0	23.10	23.09	23.01	24.00
	QPSK	1	1	23.65	23.69	23.59	24.50
		1	53	23.59	23.67	23.58	24.50
		1	104	23.66	23.68	23.49	24.50
	QPSK	50	0	22.63	22.57	22.49	23.50
		50	28	23.61	23.61	23.60	24.50
		50	56	22.68	22.62	22.58	23.50
	QPSK	100	0	22.63	22.60	22.63	23.50
	16QAM	1	1	22.60	22.81	22.59	23.50
	64QAM	1	1	21.12	21.27	21.10	22.00
	256QAM	1	1	19.16	19.23	19.06	20.00
Channel				371500	376500	381500	Tune-up power
Frequency(MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	23.59	23.61	23.55	24.50
Channel				371000	376500	382000	Tune-up power
Frequency(MHz)				1855	1882.5	1910	
10	QPSK	1	1	23.54	23.67	23.58	24.50
Channel				370500	376500	382500	Tune-up power
Frequency(MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	23.57	23.57	23.63	24.50

8.4.5 NR Band26 Output Power

N26-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	Tune-up limit (dBm)
Frequency(MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	22.96	23.07	23.05	24.00
		1	53	22.93	23.03	22.97	24.00
		1	104	22.91	22.98	23.01	24.00
	PI/2 BPSK	50	0	22.40	22.58	22.45	23.50
		50	28	22.90	22.98	22.96	24.00
		50	56	22.47	22.54	22.54	23.50
	PI/2 BPSK	100	0	22.44	22.52	22.49	23.50
	QPSK	1	1	22.94	23.06	23.02	24.00
		1	53	22.91	23.04	23.02	24.00
		1	104	22.95	23.00	22.98	24.00
	QPSK	50	0	21.92	22.06	21.98	23.00
		50	28	22.95	23.05	23.03	24.00
		50	56	21.95	22.11	22.02	23.00
	QPSK	100	0	21.90	22.13	21.97	23.00
	16QAM	1	1	21.97	22.16	21.99	23.00
	64QAM	1	1	20.41	20.63	20.51	21.50
	256QAM	1	1	18.47	18.71	18.54	19.50
Channel				164300	166300	168300	Tune-up power
Frequency(MHz)				821.5	831.5	841.5	
15	QPSK	1	1	22.89	23.00	22.95	24.00
Channel				163800	166300	168800	Tune-up power
Frequency(MHz)				819	831.5	844	
10	QPSK	1	1	22.82	22.92	22.96	24.00
Channel				163300	166300	169300	Tune-up power
Frequency(MHz)				816.5	831.5	846.5	
5	QPSK	1	1	22.84	22.96	23.03	24.00

8.4.6 NR Band66 Output Power

N66-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				344000	349000	354000	Tune-up power(dBm)
Frequency(MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.08	23.15	23.12	24.00
		1	53	22.97	23.11	23.03	24.00
		1	104	23.07	23.09	23.02	24.00
	PI/2 BPSK	50	0	22.55	22.65	22.54	23.50
		50	28	22.96	23.08	23.00	24.00
		50	56	22.52	22.61	22.58	23.50
	PI/2 BPSK	100	0	22.49	22.58	22.54	23.50
	QPSK	1	1	22.93	23.14	23.11	24.00
		1	53	22.99	23.08	22.99	24.00
		1	104	23.05	23.07	23.00	24.00
	QPSK	50	0	22.02	22.09	22.05	23.00
		50	28	22.93	23.04	22.99	24.00
		50	56	22.05	22.08	22.01	23.00
	QPSK	100	0	21.98	22.14	21.97	23.00
	16QAM	1	1	22.07	22.24	21.98	23.00
	64QAM	1	1	20.49	20.75	20.59	21.50
	256QAM	1	1	18.54	18.74	18.58	19.50
Channel				343500	349000	354500	Tune-up power(dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.03	23.00	23.02	24.50
Channel				343000	349000	355000	Tune-up power(dBm)
Frequency(MHz)				1715	1745	1775	
10	QPSK	1	1	23.04	23.01	23.00	24.00
Channel				342500	349000	355500	Tune-up power(dBm)
Frequency(MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	22.99	23.06	23.08	24.00

8.4.7 NR Band71 Output Power

N71-ANT0 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				134600	136100	137600	Tune-up power(dBm)
Frequency(MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.43	23.55	23.51	24.50
		1	53	23.39	23.49	23.50	24.50
		1	104	23.41	23.47	23.42	24.50
	PI/2 BPSK	50	0	22.85	22.94	23.00	24.00
		50	28	23.36	23.49	23.44	24.50
		50	56	22.85	22.92	22.89	24.00
	PI/2 BPSK	100	0	22.83	22.86	22.88	24.00
	QPSK	1	1	23.37	23.52	23.37	24.50
		1	53	23.36	23.45	23.46	24.50
		1	104	23.41	23.43	23.50	24.50
	QPSK	50	0	22.40	22.39	22.44	23.50
		50	28	23.42	23.45	23.39	24.50
		50	56	22.36	22.42	22.39	23.50
	QPSK	100	0	22.37	22.49	22.47	23.50
	16QAM	1	1	22.29	22.47	22.39	23.50
	64QAM	1	1	20.91	21.95	20.98	22.00
	256QAM	1	1	18.79	19.04	18.90	20.00
Channel				134100	136100	138100	Tune-up power(dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	1	23.32	23.46	23.38	24.50
Channel				133600	136100	138600	Tune-up power(dBm)
Frequency(MHz)				668	680.5	693	
10	QPSK	1	1	23.35	23.46	23.41	24.50
Channel				133100	136100	139100	Tune-up power(dBm)
Frequency(MHz)				665.5	680.5	695.5	
5	QPSK	1	1	23.32	23.54	23.41	24.50

8.4.8 NR Band38 Output Power

N38-ANT1 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				518004	519000	519996	
Frequency(MHz)				2590.02	2595	2599.98	
40	PI/2 BPSK	1	1	22.39	22.64	22.52	23.50
		1	53	22.37	22.63	22.51	23.50
		1	104	22.34	22.59	22.49	23.50
	PI/2 BPSK	50	0	21.85	22.08	21.94	23.00
		50	28	22.43	22.58	22.52	23.50
		50	56	21.86	22.06	22.02	23.00
	PI/2 BPSK	100	0	21.85	22.03	21.96	23.00
	QPSK	1	1	22.52	22.61	22.57	23.50
		1	53	22.37	22.58	22.47	23.50
		1	104	22.36	22.54	22.46	23.50
	QPSK	50	0	21.25	21.33	21.31	22.50
		50	28	22.42	22.55	22.48	23.50
		50	56	21.24	21.31	21.28	22.50
	QPSK	100	0	21.23	21.28	21.25	22.50
	16QAM	1	1	21.35	21.49	21.43	22.50
	64QAM	1	1	19.82	19.96	19.92	21.00
	256QAM	1	1	17.76	17.87	17.84	19.00
Channel				517002	519000	520998	Tune-up power(dBm)
Frequency(MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	22.24	22.51	22.51	23.50
Channel				516000	519000	522000	Tune-up power(dBm)
Frequency(MHz)				2580	2595	2610	
20	QPSK	1	1	22.27	22.63	22.37	23.50
Channel				515004	519000	522996	Tune-up power(dBm)
Frequency(MHz)				2575.02	2595	2614.98	
10	QPSK	1	1	22.35	22.58	22.44	23.50

8.4.9 NR Band41 Output Power

N41-ANT1 Full power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	Tune-up power(dBm)
Frequency(MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.35	22.11	23.50
		1	137	22.28	22.37	22.14	23.50
		1	271	22.27	22.32	22.08	23.50
	PI/2 BPSK	135	0	21.65	21.72	21.47	23.00
		135	69	22.26	22.33	22.08	23.50
		135	138	21.58	21.68	21.35	23.00
	PI/2 BPSK	270	0	21.63	21.65	21.45	23.00
	QPSK	1	1	22.32	22.35	22.16	23.50
		1	137	22.26	22.31	22.06	23.50
		1	271	22.24	22.29	21.97	23.50
	QPSK	135	0	21.17	21.22	20.94	22.50
		135	69	22.26	22.33	22.00	23.50
		135	138	21.15	21.18	20.99	22.50
	QPSK	270	0	21.14	21.19	20.92	22.50
90	16QAM	1	1	21.43	21.47	21.24	22.50
	64QAM	1	1	20.03	20.05	19.87	21.00
	256QAM	1	1	17.87	17.95	17.69	19.00
Channel				508200	518598	528996	Tune-up power(dBm)
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	22.18	22.35	22.02	23.50
Channel				507204	518598	529998	Tune-up power(dBm)
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	22.26	22.32	21.98	23.50
Channel				505200	518598	531996	Tune-up power(dBm)
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	22.26	22.34	22.03	23.50
Channel				504204	518598	532998	Tune-up power(dBm)
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	22.17	22.32	22.10	23.50
Channel				503202	518598	534000	Tune-up power(dBm)
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	22.22	22.24	21.96	23.50
Channel				502200	518598	534996	Tune-up power(dBm)
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	22.30	22.30	21.99	23.50
Channel				501204	518598	535998	Tune-up power(dBm)
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	22.27	22.35	22.00	23.50
Channel				500202	518598	537000	Tune-up power(dBm)
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	22.21	22.25	22.00	23.50

8.4.9 NR Band41 Output Power

N41-ANT1 Full power_ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel				509202	518598	528000	Tune-up power(dBm)
Frequency(MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.41	21.43	21.20	22.50
		1	137	21.41	21.48	21.21	22.50
		1	271	21.41	21.39	21.17	22.50
	PI/2 BPSK	135	0	20.75	20.83	20.58	22.00
		135	69	21.36	21.41	21.16	22.50
		135	138	20.66	20.77	20.45	22.00
	PI/2 BPSK	270	0	20.71	20.73	20.51	22.00
	QPSK	1	1	21.38	21.44	21.29	23.50
		1	137	21.40	21.45	21.17	23.50
		1	271	21.38	21.37	21.04	23.50
	QPSK	135	0	20.28	20.36	20.00	22.50
		135	69	21.36	21.43	21.12	23.50
		135	138	20.27	20.31	20.06	22.50
	QPSK	270	0	20.26	20.30	19.99	22.50
	16QAM	1	1	20.57	20.57	20.34	22.50
	64QAM	1	1	19.14	19.17	18.99	21.00
	256QAM	1	1	16.93	17.06	16.80	19.00
Channel				508200	518598	528996	Tune-up power(dBm)
Frequency(MHz)				2541	2592.99	2644.98	
90	QPSK	1	1	21.40	21.45	21.21	22.50
Channel				507204	518598	529998	Tune-up power(dBm)
Frequency(MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	1	21.42	21.49	21.25	22.50
Channel				505200	518598	531996	Tune-up power(dBm)
Frequency(MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	21.42	21.49	21.24	22.50
Channel				504204	518598	532998	Tune-up power(dBm)
Frequency(MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	1	21.38	21.50	21.27	22.50
Channel				503202	518598	534000	Tune-up power(dBm)
Frequency(MHz)				2516.01	2592.99	2670	
40	QPSK	1	1	21.37	21.45	21.23	22.50
Channel				502200	518598	534996	Tune-up power(dBm)
Frequency(MHz)				2511	2592.99	2674.98	
30	QPSK	1	1	21.35	21.46	21.25	22.50
Channel				501204	518598	535998	Tune-up power(dBm)
Frequency(MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	21.37	21.47	21.26	22.50
Channel				500202	518598	537000	Tune-up power(dBm)
Frequency(MHz)				2501.01	2592.99	2685	
10	QPSK	1	1	21.41	21.48	21.22	22.50

8.4.10 NR Band77 Output Power

N77(3450-3650MHz) ANT1 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				633334	636666	640000	Tune-up power (dBm)
Frequency(MHz)				3500.01	3549.99	3600	
100	DFT-s-OFDM BPSK	1	1	19.63	19.74	19.71	20.50
		1	137	19.61	19.76	19.72	20.50
		1	271	19.58	19.68	19.64	20.50
	DFT-s-OFDM BPSK	135	0	19.12	19.28	19.27	20.00
		135	69	19.65	19.73	19.71	20.50
		135	138	19.13	19.25	19.23	20.00
	DFT-s-OFDM BPSK	270	0	19.15	19.22	19.18	20.00
	DFT-s-OFDM QPSK	1	1	19.64	19.72	19.69	20.50
		1	137	19.57	19.67	19.64	20.50
		1	271	19.58	19.69	19.62	20.50
	DFT-s-OFDM QPSK	135	0	18.77	18.83	18.82	19.50
		135	69	19.62	19.71	19.67	20.50
		135	138	18.66	18.78	18.73	19.50
	DFT-s-OFDM QPSK	270	0	18.65	18.76	18.72	19.50
	DFT-s-OFDM 16QAM	1	1	18.74	18.86	18.85	19.50
	DFT-s-OFDM 64QAM	1	1	17.28	17.39	17.32	18.00
	DFT-s-OFDM 256QAM	1	1	15.24	15.33	15.29	16.00
Channel				633000	636666	640332	Tune-up power
Frequency(MHz)				3495	3549.99	3604.98	
90	BPSK	1	1	19.61	19.68	19.67	20.50
Channel				632668	636666	640666	Tune-up power
Frequency(MHz)				3490.02	3549.99	3609.99	
80	BPSK	1	1	19.49	19.64	19.57	20.50
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3480	3549.99	3619.98	
60	BPSK	1	1	19.57	19.75	19.70	20.50
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3475.02	3549.99	3624.99	
50	BPSK	1	1	19.53	19.70	19.60	20.50
Channel				631334	636666	642000	Tune-up power
Frequency(MHz)				3470.01	3549.99	3630	
40	BPSK	1	1	19.49	19.70	19.56	20.50
Channel				631000	636666	642332	Tune-up power
Frequency(MHz)				3465	3549.99	3634.98	
30	BPSK	1	1	19.51	19.65	19.64	20.50
Channel				630834	636666	642500	Tune-up power
Frequency(MHz)				3462.51	3549.99	3637.5	
25	BPSK	1	1	19.56	19.68	19.57	20.50
Channel				630668	636666	642666	Tune-up power
Frequency(MHz)				3460.02	3549.99	3639.99	
20	BPSK	1	1	19.52	19.72	19.70	20.50
Channel				630500	636666	642832	Tune-up power
Frequency(MHz)				3457.5	3549.99	3642.48	
15	BPSK	1	1	19.48	19.73	19.64	20.50
Channel				630334	636666	643000	Tune-up power
Frequency(MHz)				3455.01	3549.99	3645	
10	BPSK	1	1	19.62	19.64	19.60	20.50

8.4.10 NR Band77 Output Power

N77(3450-3650MHz) ANT1 Full Power_ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				633334	636666	640000	Tune-up power (dBm)
Frequency(MHz)				3500.01	3549.99	3600	
100	DFT-s-OFDM BPSK	1	1	17.74	17.83	17.82	18.50
		1	137	17.70	17.84	17.81	18.50
		1	271	17.63	17.78	17.77	18.50
	DFT-s-OFDM BPSK	135	0	17.24	17.33	17.38	18.00
		135	69	17.78	17.80	17.81	18.50
		135	138	17.26	17.30	17.31	18.00
	DFT-s-OFDM BPSK	270	0	17.28	17.32	17.30	18.00
	DFT-s-OFDM QPSK	1	1	17.71	17.77	17.74	18.50
		1	137	17.67	17.72	17.77	18.50
		1	271	17.69	17.76	17.75	18.50
	DFT-s-OFDM QPSK	135	0	16.87	16.89	16.89	17.50
		135	69	17.67	17.79	17.72	18.50
		135	138	16.75	16.86	16.86	17.50
	DFT-s-OFDM QPSK	270	0	16.78	16.86	16.81	17.50
	DFT-s-OFDM 16QAM	1	1	16.79	16.99	16.92	17.50
	DFT-s-OFDM 64QAM	1	1	15.35	15.52	15.41	16.00
	DFT-s-OFDM 256QAM	1	1	13.34	13.45	13.40	14.00
Channel				633000	636666	640332	Tune-up power
Frequency(MHz)				3495	3549.99	3604.98	
90	BPSK	1	1	17.70	17.78	17.71	18.50
Channel				632668	636666	640666	Tune-up power
Frequency(MHz)				3490.02	3549.99	3609.99	
80	BPSK	1	1	17.67	17.74	17.77	18.50
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3480	3549.99	3619.98	
60	BPSK	1	1	17.68	17.74	17.75	18.50
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3475.02	3549.99	3624.99	
50	BPSK	1	1	17.69	17.79	17.76	18.50
Channel				631334	636666	642000	Tune-up power
Frequency(MHz)				3470.01	3549.99	3630	
40	BPSK	1	1	17.63	17.78	17.74	18.50
Channel				631000	636666	642332	Tune-up power
Frequency(MHz)				3465	3549.99	3634.98	
30	BPSK	1	1	17.66	17.81	17.74	18.50
Channel				630834	636666	642500	Tune-up power
Frequency(MHz)				3462.51	3549.99	3637.5	
25	BPSK	1	1	17.66	17.78	17.76	18.50
Channel				630668	636666	642666	Tune-up power
Frequency(MHz)				3460.02	3549.99	3639.99	
20	BPSK	1	1	17.65	17.73	17.77	18.50
Channel				630500	636666	642832	Tune-up power
Frequency(MHz)				3457.5	3549.99	3642.48	
15	BPSK	1	1	17.69	17.77	17.75	18.50
Channel				630334	636666	643000	Tune-up power
Frequency(MHz)				3455.01	3549.99	3645	
10	BPSK	1	1	17.71	17.73	17.76	18.50

8.4.11 NR Band77 Output Power

N77(3700-3980MHz)-ANT1 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				650000	656000	662000	Tune-up power (dBm)
Frequency(MHz)				3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	19.51	19.54	19.57	20.50
		1	137	19.47	19.59	19.52	20.50
		1	271	19.49	19.55	19.53	20.50
	DFT-s-OFDM BPSK	135	0	18.97	19.13	19.08	20.00
		135	69	19.46	19.57	19.55	20.50
		135	138	18.94	19.08	19.04	20.00
	DFT-s-OFDM BPSK	270	0	18.99	19.12	19.07	20.00
	DFT-s-OFDM QPSK	1	1	19.45	19.58	19.55	20.50
		1	137	19.43	19.54	19.52	20.50
		1	271	19.42	19.52	19.51	20.50
	DFT-s-OFDM QPSK	135	0	18.45	18.57	18.53	19.50
		135	69	19.47	19.55	19.52	20.50
		135	138	18.43	18.54	18.50	19.50
	DFT-s-OFDM QPSK	270	0	18.46	18.52	18.47	19.50
	DFT-s-OFDM 16QAM	1	1	18.49	18.56	18.54	19.50
	DFT-s-OFDM 64QAM	1	1	16.93	17.09	17.06	18.00
	DFT-s-OFDM 256QAM	1	1	14.92	15.07	15.03	16.00
Channel				649668	656000	662332	Tune-up power
Frequency(MHz)				3745.02	3840	3934.98	
90	BPSK	1	1	19.40	19.58	19.52	20.50
Channel				649334	656000	662666	Tune-up power
Frequency(MHz)				3740.01	3840	3939.99	
80	BPSK	1	1	19.42	19.57	19.43	20.50
Channel				649000	656000	663000	Tune-up power
Frequency(MHz)				3735	3840	3945	
70	BPSK	1	1	19.37	19.57	19.52	20.50
Channel				648668	656000	663332	Tune-up power
Frequency(MHz)				3730.02	3840	3949.98	
60	BPSK	1	1	19.43	19.49	19.48	20.50
Channel				648334	656000	663666	Tune-up power
Frequency(MHz)				3725.01	3840	3954.99	
50	BPSK	1	1	19.44	19.57	19.45	20.50
Channel				648000	656000	664000	Tune-up power
Frequency(MHz)				3720	3840	3960	
40	BPSK	1	1	19.50	19.55	19.50	20.50
Channel				647668	656000	664332	Tune-up power
Frequency(MHz)				3715.02	3840	3964.98	
30	BPSK	1	1	19.39	19.56	19.53	20.50
Channel				647500	656000	664500	Tune-up power
Frequency(MHz)				3712.5	3840	3967.5	
25	BPSK	1	1	19.46	19.58	19.53	20.50
Channel				647334	656000	664666	Tune-up power
Frequency(MHz)				3710.01	3840	3969.99	
20	BPSK	1	1	19.37	19.55	19.42	20.50
Channel				647168	656000	664832	Tune-up power
Frequency(MHz)				3707.52	3840	3972.48	
15	BPSK	1	1	19.45	19.53	19.45	20.50
Channel				647000	656000	665000	Tune-up power
Frequency(MHz)				3705	3840	3975	
10	BPSK	1	1	19.50	19.55	19.44	20.50

8.4.11 NR Band77 Output Power

N77(3700-3980MHz)-ANT1 Full Power_ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				650000	656000	662000	Tune-up power (dBm)
Frequency(MHz)				3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	17.56	17.60	17.68	18.50
		1	137	17.52	17.72	17.63	18.50
		1	271	17.56	17.68	17.64	18.50
	DFT-s-OFDM BPSK	135	0	17.08	17.18	17.13	18.00
		135	69	17.57	17.69	17.63	18.50
		135	138	17.04	17.19	17.16	18.00
	DFT-s-OFDM BPSK	270	0	17.05	17.22	17.14	18.00
	DFT-s-OFDM QPSK	1	1	17.53	17.67	17.63	18.50
		1	137	17.54	17.61	17.65	18.50
		1	271	17.54	17.65	17.60	18.50
	DFT-s-OFDM QPSK	135	0	16.52	16.62	16.64	17.50
		135	69	17.59	17.66	17.60	18.50
		135	138	16.49	16.66	16.60	17.50
	DFT-s-OFDM QPSK	270	0	16.52	16.64	16.56	17.50
	DFT-s-OFDM 16QAM	1	1	16.58	16.65	16.59	17.50
	DFT-s-OFDM 64QAM	1	1	14.99	15.18	15.17	16.00
	DFT-s-OFDM 256QAM	1	1	12.97	13.14	13.10	14.00
Channel				649668	656000	662332	Tune-up power
Frequency(MHz)				3745.02	3840	3934.98	
90	BPSK	1	1	17.61	17.60	17.64	18.50
Channel				649334	656000	662666	Tune-up power
Frequency(MHz)				3740.01	3840	3939.99	
80	BPSK	1	1	17.54	17.68	17.58	18.50
Channel				649000	656000	663000	Tune-up power
Frequency(MHz)				3735	3840	3945	
70	BPSK	1	1	17.61	17.66	17.59	18.50
Channel				648668	656000	663332	Tune-up power
Frequency(MHz)				3730.02	3840	3949.98	
60	BPSK	1	1	17.56	17.67	17.62	18.50
Channel				648334	656000	663666	Tune-up power
Frequency(MHz)				3725.01	3840	3954.99	
50	BPSK	1	1	17.56	17.68	17.63	18.50
Channel				648000	656000	664000	Tune-up power
Frequency(MHz)				3720	3840	3960	
40	BPSK	1	1	17.57	17.67	17.63	18.50
Channel				647668	656000	664332	Tune-up power
Frequency(MHz)				3715.02	3840	3964.98	
30	BPSK	1	1	17.55	17.66	17.59	18.50
Channel				647500	656000	664500	Tune-up power
Frequency(MHz)				3712.5	3840	3967.5	
25	BPSK	1	1	17.59	17.60	17.58	18.50
Channel				647334	656000	664666	Tune-up power
Frequency(MHz)				3710.01	3840	3969.99	
20	BPSK	1	1	17.56	17.68	17.59	18.50
Channel				647168	656000	664832	Tune-up power
Frequency(MHz)				3707.52	3840	3972.48	
15	BPSK	1	1	17.58	17.62	17.61	18.50
Channel				647000	656000	665000	Tune-up power
Frequency(MHz)				3705	3840	3975	
10	BPSK	1	1	17.60	17.60	17.65	18.50

8.4.12 NR Band78 Output Power

N78(3450-3650MHz)-ANT1 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				633334	636666	640000	Tune-up power (dBm)
Frequency(MHz)				3500.01	3549.99	3600	
100	DFT-s-OFDM BPSK	1	1	19.52	19.53	19.58	20.50
		1	137	19.46	19.64	19.49	20.50
		1	271	19.38	19.47	19.45	20.50
	DFT-s-OFDM BPSK	135	0	18.92	19.07	19.03	20.00
		135	69	19.43	19.52	19.46	20.50
		135	138	18.91	19.04	19.01	20.00
	DFT-s-OFDM BPSK	270	0	18.87	19.01	18.96	20.00
	DFT-s-OFDM QPSK	1	1	19.42	19.51	19.48	20.50
		1	137	19.37	19.46	19.44	20.50
		1	271	19.39	19.48	19.46	20.50
	DFT-s-OFDM QPSK	135	0	18.53	18.62	18.59	19.50
		135	69	19.41	19.50	19.47	20.50
		135	138	18.47	18.57	18.55	19.50
	DFT-s-OFDM QPSK	270	0	18.46	18.55	18.53	19.50
	DFT-s-OFDM 16QAM	1	1	18.54	18.65	18.62	19.50
	DFT-s-OFDM 64QAM	1	1	17.06	17.18	17.16	18.00
	DFT-s-OFDM 256QAM	1	1	15.04	15.12	15.08	16.00
Channel				633000	636666	640332	Tune-up power
Frequency(MHz)				3495	3549.99	3604.98	
90	BPSK	1	1	19.50	19.58	19.55	20.50
Channel				632668	636666	640666	Tune-up power
Frequency(MHz)				3490.02	3549.99	3609.99	
80	BPSK	1	1	19.39	19.52	19.45	20.50
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3480	3549.99	3619.98	
60	BPSK	1	1	19.40	19.52	19.52	20.50
Channel				631668	636666	641666	Tune-up power
Frequency(MHz)				3475.02	3549.99	3624.99	
50	BPSK	1	1	19.44	19.57	19.55	20.50
Channel				631334	636666	642000	Tune-up power
Frequency(MHz)				3470.01	3549.99	3630	
40	BPSK	1	1	19.48	19.52	19.53	20.50
Channel				631000	636666	642332	Tune-up power
Frequency(MHz)				3465	3549.99	3634.98	
30	BPSK	1	1	19.39	19.54	19.47	20.50
Channel				630834	636666	642500	Tune-up power
Frequency(MHz)				3462.51	3549.99	3637.5	
25	BPSK	1	1	19.45	19.52	19.46	20.50
Channel				630668	636666	642666	Tune-up power
Frequency(MHz)				3460.02	3549.99	3639.99	
20	BPSK	1	1	19.42	19.58	19.43	20.50
Channel				630500	636666	642832	Tune-up power
Frequency(MHz)				3457.5	3549.99	3642.48	
15	BPSK	1	1	19.48	19.61	19.55	20.50
Channel				630334	636666	643000	Tune-up power
Frequency(MHz)				3455.01	3549.99	3645	
10	BPSK	1	1	19.44	19.56	19.52	20.50

8.4.12 NR Band78 Output Power

N78(3450-3650MHz)-ANT1 Full Power_ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power (dBm)
Channel				633334	636666	640000	Tune-up power (dBm)
Frequency(MHz)				3500.01	3549.99	3600	
100	DFT-s-OFDM BPSK	1	1	16.91	16.97	17.00	18.00
		1	137	16.84	17.08	16.88	18.00
		1	271	16.84	16.89	16.90	18.00
	DFT-s-OFDM BPSK	135	0	16.35	16.51	16.41	17.50
		135	69	16.84	16.90	16.85	18.00
		135	138	16.31	16.45	16.39	17.50
	DFT-s-OFDM BPSK	270	0	16.26	16.47	16.39	17.50
	DFT-s-OFDM QPSK	1	1	16.88	16.97	16.87	18.00
		1	137	16.83	16.92	16.86	18.00
		1	271	16.83	16.93	16.92	18.00
	DFT-s-OFDM QPSK	135	0	15.95	16.05	16.02	17.00
		135	69	16.83	16.91	16.89	18.00
		135	138	15.85	16.02	15.93	17.00
	DFT-s-OFDM QPSK	270	0	15.88	16.00	15.96	17.00
90	DFT-s-OFDM 16QAM	1	1	15.93	16.06	16.08	17.00
	DFT-s-OFDM 64QAM	1	1	14.50	14.61	14.61	15.50
80	DFT-s-OFDM 256QAM	1	1	12.47	12.54	12.52	13.50
Channel				633000	636666	640332	Tune-up power
Frequency(MHz)				3495	3549.99	3604.98	
90	BPSK	1	1	16.84	16.85	16.89	18.00
Channel				632668	636666	640666	Tune-up power
Frequency(MHz)				3490.02	3549.99	3609.99	
80	BPSK	1	1	16.82	16.92	16.89	18.00
Channel				632000	636666	641332	Tune-up power
Frequency(MHz)				3480	3549.99	3619.98	
60	BPSK	1	1	16.83	16.90	16.86	18.00
Channel				631668	636666	641666	Tune-up power
Frequency(MHz)				3475.02	3549.99	3624.99	
50	BPSK	1	1	16.77	16.87	16.86	18.00
Channel				631334	636666	642000	Tune-up power
Frequency(MHz)				3470.01	3549.99	3630	
40	BPSK	1	1	16.81	16.85	16.87	18.00
Channel				631000	636666	642332	Tune-up power
Frequency(MHz)				3465	3549.99	3634.98	
30	BPSK	1	1	16.80	16.92	16.90	18.00
Channel				630834	636666	642500	Tune-up power
Frequency(MHz)				3462.51	3549.99	3637.5	
25	BPSK	1	1	16.83	16.91	16.87	18.00
Channel				630668	636666	642666	Tune-up power
Frequency(MHz)				3460.02	3549.99	3639.99	
20	BPSK	1	1	16.81	16.89	16.84	18.00
Channel				630500	636666	642832	Tune-up power
Frequency(MHz)				3457.5	3549.99	3642.48	
15	BPSK	1	1	16.77	16.89	16.85	18.00
Channel				630334	636666	643000	Tune-up power
Frequency(MHz)				3455.01	3549.99	3645	
10	BPSK	1	1	16.78	16.92	16.90	18.00

8.4.13 NR Band78 Output Power

N78(3700-3800MHz)-ANT1 Full Power							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel					650000		
Frequency(MHz)					3750		
100	DFT-s-OFDM BPSK	1	1		19.53		20.50
		1	137		19.55		20.50
		1	271		19.51		20.50
	DFT-s-OFDM BPSK	135	0		19.03		20.00
		135	69		19.49		20.50
		135	138		19.01		20.00
	DFT-s-OFDM BPSK	270	0		18.96		20.00
		1	1		19.54		20.50
		1	137		19.52		20.50
	DFT-s-OFDM QPSK	1	271		19.47		20.50
		135	0		18.52		19.50
		135	69		19.46		20.50
		135	138		18.48		19.50
	DFT-s-OFDM QPSK	270	0		18.46		19.50
		1	1		18.49		19.50
		1	1		17.12		18.00
	DFT-s-OFDM 256QAM	1	1		15.07		16.00
Channel				649668	650000	650332	Tune-up power
Frequency(MHz)				3745.02	3750	3754.98	
90	BPSK	1	1	19.42	19.53	19.51	20.50
Channel				649334	650000	650666	Tune-up power
Frequency(MHz)				3740.01	3750	3759.99	
80	BPSK	1	1	19.29	19.40	19.36	20.50
Channel				648668	650000	651332	Tune-up power
Frequency(MHz)				3730.02	3750	3769.98	
60	BPSK	1	1	19.34	19.45	19.42	20.50
Channel				648334	650000	651666	Tune-up power
Frequency(MHz)				3725.01	3750	3774.99	
50	BPSK	1	1	19.34	19.47	19.49	20.50
Channel				648000	650000	652000	Tune-up power
Frequency(MHz)				3720	3750	3780	
40	BPSK	1	1	19.38	19.50	19.36	20.50
Channel				647668	650000	652332	Tune-up power
Frequency(MHz)				3715.02	3750	3784.98	
30	BPSK	1	1	19.28	19.48	19.42	20.50
Channel				647334	650000	652666	Tune-up power
Frequency(MHz)				3710.01	3750	3789.99	
20	BPSK	1	1	19.39	19.49	19.38	20.50
Channel				647000	650000	653000	Tune-up power
Frequency(MHz)				3705	3750	3795	
10	BPSK	1	1	19.28	19.46	19.41	20.50

8.4.13 NR Band78 Output Power

N78(3700-3800MHz)-ANT1 Full Power_ENDC							
Bandwidth (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up power(dBm)
Channel					650000		
Frequency(MHz)					3750		
100	DFT-s-OFDM BPSK	1	1		16.94		18.00
		1	137		17.00		18.00
		1	271		16.92		18.00
	DFT-s-OFDM BPSK	135	0		16.46		17.50
		135	69		16.89		18.00
		135	138		16.42		17.50
	DFT-s-OFDM BPSK	270	0		16.40		17.50
	DFT-s-OFDM QPSK	1	1		16.98		18.00
		1	137		16.97		18.00
		1	271		16.87		18.00
	DFT-s-OFDM QPSK	135	0		15.95		17.00
		135	69		16.92		18.00
		135	138		15.94		17.00
	DFT-s-OFDM QPSK	270	0		15.84		17.00
	DFT-s-OFDM 16QAM	1	1		15.93		17.00
	DFT-s-OFDM 64QAM	1	1		14.52		15.50
	DFT-s-OFDM 256QAM	1	1		12.50		13.50
Channel				649668	650000	650332	Tune-up power
Frequency(MHz)				3745.02	3750	3754.98	
90	BPSK	1	1	16.90	16.91	16.97	18.00
Channel				649334	650000	650666	Tune-up power
Frequency(MHz)				3740.01	3750	3759.99	
80	BPSK	1	1	16.89	16.85	16.92	18.00
Channel				648668	650000	651332	Tune-up power
Frequency(MHz)				3730.02	3750	3769.98	
60	BPSK	1	1	16.85	16.82	16.94	18.00
Channel				648334	650000	651666	Tune-up power
Frequency(MHz)				3725.01	3750	3774.99	
50	BPSK	1	1	16.86	16.84	16.93	18.00
Channel				648000	650000	652000	Tune-up power
Frequency(MHz)				3720	3750	3780	
40	BPSK	1	1	16.83	16.87	16.94	18.00
Channel				647668	650000	652332	Tune-up power
Frequency(MHz)				3715.02	3750	3784.98	
30	BPSK	1	1	16.88	16.85	16.95	18.00
Channel				647334	650000	652666	Tune-up power
Frequency(MHz)				3710.01	3750	3789.99	
20	BPSK	1	1	16.89	16.90	16.95	18.00
Channel				647000	650000	653000	Tune-up power
Frequency(MHz)				3705	3750	3795	
10	BPSK	1	1	16.81	16.89	16.91	18.00