

8 CONDUCTED RF OUPUT POWER

8.1	WCDMA Output Power
8.2	LTE Output Power
8.2.1	LTE Band2 Output Power
8.2.2	LTE Band4 Output Power
8.2.3	LTE Band5 Output Power
8.2.4	LTE Band7 Output Power
8.2.5	LTE Band12 Output Power
8.2.6	LTE Band13 Output Power
8.2.7	LTE Band14 Output Power
8.2.8	LTE Band17 Output Power
8.2.9	LTE Band25 Output Power
8.2.10	LTE Band30 Output Power
8.2.11	LTE Band38 Output Power
8.2.12	LTE Band41 Output Power
8.2.13	LTE Band42 Output Power
8.2.14	LTE Band43 Output Power
8.2.15	LTE Band48 Output Power
8.2.16	LTE Band66 Output Power
8.2.17	LTE Band71 Output Power
8.3	5G NR Output Power
8.3.1	NR n2 Output Power
8.3.2	NR n5 Output Power
8.3.3	NR n12 Output Power
8.3.4	NR n25 Output Power
8.3.5	NR n30 Output Power
8.3.6	NR n38 Output Power
8.3.7	NR n41 Output Power
8.3.8	NR n66 Output Power
8.3.9	NR n71 Output Power
8.3.10	NR n77 Output Power
8.3.11	NR n78 Output Power

8.1 WCDMA Output Power

WCDMA -Ant.0-Full Power				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	24.19	24.23	24.11	24.50
HSDPA Subtest-1	23.21	23.00	23.06	24.50
HSDPA Subtest-2	22.69	22.51	22.54	24.50
HSDPA Subtest-3	22.72	22.50	22.55	24.00
HSDPA Subtest-4	22.74	22.48	22.56	24.00
HSUPA Subtest-1	23.16	22.99	23.12	23.50
HSUPA Subtest-2	21.21	21.02	21.00	21.50
HSUPA Subtest-3	22.16	21.85	22.04	22.50
HSUPA Subtest-4	21.21	20.98	21.04	21.50
HSUPA Subtest-5	23.23	22.99	23.10	23.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	23.33	23.54	23.38	23.80
HSDPA Subtest-1	22.73	22.61	22.43	23.80
HSDPA Subtest-2	22.28	22.12	21.98	23.80
HSDPA Subtest-3	22.27	22.11	21.97	23.30
HSDPA Subtest-4	22.23	22.09	21.93	23.30
HSUPA Subtest-1	22.71	22.61	22.41	22.80
HSUPA Subtest-2	20.80	20.56	20.50	20.80
HSUPA Subtest-3	21.70	21.59	21.40	21.80
HSUPA Subtest-4	20.71	20.56	20.41	20.80
HSUPA Subtest-5	22.76	22.57	22.46	22.80
Band	Band 5			Tune-up Limit Power(dBm)
Channel	4132	4182	4233	
Frequency	826.40	836.40	846.60	
RMC 12.2Kbps	23.81	23.83	23.78	24.00
HSDPA Subtest-1	22.68	22.43	22.79	24.00
HSDPA Subtest-2	22.19	21.90	22.25	24.00
HSDPA Subtest-3	22.20	21.94	22.23	23.50
HSDPA Subtest-4	22.19	21.94	22.25	23.50
HSUPA Subtest-1	22.62	22.42	22.70	23.00
HSUPA Subtest-2	20.61	20.44	20.81	21.00
HSUPA Subtest-3	21.68	21.42	21.71	22.00
HSUPA Subtest-4	20.70	20.36	20.76	21.00
HSUPA Subtest-5	22.69	22.44	22.75	23.00

WCDMA-Ant.0-Table 3				
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	17.39	17.48	17.27	17.80
HSDPA Subtest-1	16.67	16.60	16.34	17.80
HSDPA Subtest-2	16.23	16.10	15.95	17.80
HSDPA Subtest-3	16.23	16.09	15.93	17.30
HSDPA Subtest-4	16.14	16.08	15.85	17.30
HSUPA Subtest-1	16.61	16.57	16.35	16.80
HSUPA Subtest-2	14.77	14.49	14.43	14.80
HSUPA Subtest-3	15.61	15.55	15.31	15.80
HSUPA Subtest-4	14.63	14.48	14.37	14.80
HSUPA Subtest-5	16.69	16.52	16.42	16.80

WCDMA-Ant.0-Table 7				
Band	Band 2			Tune-up Limit Power(dBm)
Channel	9262	9400	9538	
Frequency	1852.40	1880.00	1907.60	
RMC 12.2Kbps	21.17	21.22	21.06	21.50
HSDPA Subtest-1	20.14	19.93	20.04	21.50
HSDPA Subtest-2	19.62	19.51	19.54	21.50
HSDPA Subtest-3	19.65	19.49	19.54	21.00
HSDPA Subtest-4	19.65	19.38	19.46	21.00
HSUPA Subtest-1	20.08	19.89	20.02	20.50
HSUPA Subtest-2	18.16	17.95	17.90	18.50
HSUPA Subtest-3	19.08	18.81	19.02	19.50
HSUPA Subtest-4	18.16	17.91	18.02	18.50
HSUPA Subtest-5	20.19	19.89	20.06	20.50
Band	Band 4			Tune-up Limit Power(dBm)
Channel	1312	1412	1513	
Frequency	1712.40	1732.40	1752.60	
RMC 12.2Kbps	17.39	17.48	17.27	17.80
HSDPA Subtest-1	16.67	16.60	16.34	17.80
HSDPA Subtest-2	16.23	16.10	15.95	17.80
HSDPA Subtest-3	16.23	16.09	15.93	17.30
HSDPA Subtest-4	16.14	16.08	15.85	17.30
HSUPA Subtest-1	16.61	16.57	16.35	16.80
HSUPA Subtest-2	14.77	14.49	14.43	14.80
HSUPA Subtest-3	15.61	15.55	15.31	15.80
HSUPA Subtest-4	14.63	14.48	14.37	14.80
HSUPA Subtest-5	16.69	16.52	16.42	16.80

8.2.1 LTE Band 2 Output Power

LTE Band 2 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	23.78	23.89	23.75	24.5
20	QPSK	1	49	23.77	23.83	23.71	
20	QPSK	1	99	23.72	23.51	23.62	
20	QPSK	50	0	22.86	22.91	22.78	23.5
20	QPSK	50	24	22.82	22.66	22.66	
20	QPSK	50	50	22.59	22.71	22.71	
20	QPSK	100	0	22.74	23.01	22.77	23.5
20	16QAM	1	0	22.85	22.91	22.82	
20	16QAM	1	49	22.77	22.77	22.72	
20	16QAM	1	99	22.68	22.59	22.67	22.5
20	16QAM	50	0	21.87	21.94	21.71	
20	16QAM	50	24	21.82	21.67	21.63	
20	16QAM	50	50	21.58	21.63	21.67	22.5
20	16QAM	100	0	21.8	22.05	21.82	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	23.58	23.69	23.50	
15	QPSK	1	37	23.53	23.59	23.46	24.5
15	QPSK	1	74	23.59	23.31	23.36	
15	QPSK	36	0	22.62	22.76	22.53	23.5
15	QPSK	36	20	22.61	22.40	22.44	
15	QPSK	36	39	22.32	22.55	22.48	
15	QPSK	75	0	22.57	22.74	22.52	23.5
15	16QAM	1	0	22.68	22.75	22.60	
15	16QAM	1	37	22.59	22.60	22.58	
15	16QAM	1	74	22.41	22.40	22.40	22.5
15	16QAM	36	0	21.66	21.77	21.55	
15	16QAM	36	20	21.65	21.51	21.38	
15	16QAM	36	39	21.39	21.38	21.43	22.5
15	16QAM	75	0	21.59	21.89	21.64	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	23.62	23.76	23.52	
10	QPSK	1	25	23.60	23.56	23.50	24.5
10	QPSK	1	49	23.55	23.29	23.47	
10	QPSK	25	0	22.68	22.71	22.54	23.5
10	QPSK	25	12	22.66	22.40	22.42	
10	QPSK	25	25	22.46	22.44	22.57	
10	QPSK	50	0	22.60	22.79	22.60	23.5
10	16QAM	1	0	22.71	22.72	22.66	
10	16QAM	1	25	22.52	22.52	22.45	
10	16QAM	1	49	22.47	22.31	22.44	22.5
10	16QAM	25	0	21.72	21.73	21.51	
10	16QAM	25	12	21.55	21.46	21.39	
10	16QAM	25	25	21.44	21.49	21.50	22.5
10	16QAM	50	0	21.59	21.86	21.66	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	23.52	23.70	23.60	
5	QPSK	1	12	23.52	23.68	23.53	24.5
5	QPSK	1	24	23.56	23.34	23.47	
5	QPSK	12	0	22.69	22.76	22.60	23.5
5	QPSK	12	7	22.61	22.51	22.40	

5	QPSK	12	13	22.39	22.48	22.48	
5	QPSK	25	0	22.61	22.80	22.55	
5	16QAM	1	0	22.65	22.72	22.60	
5	16QAM	1	12	22.55	22.60	22.48	23.5
5	16QAM	1	24	22.45	22.39	22.48	
5	16QAM	12	0	21.60	21.81	21.44	
5	16QAM	12	7	21.67	21.42	21.39	22.5
5	16QAM	12	13	21.41	21.41	21.46	
5	16QAM	25	0	21.63	21.83	21.64	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	23.65	23.72	23.61	24.5
3	QPSK	1	8	23.64	23.60	23.54	
3	QPSK	1	14	23.49	23.35	23.48	
3	QPSK	8	0	22.69	22.66	22.66	23.5
3	QPSK	8	4	22.54	22.44	22.49	
3	QPSK	8	7	22.39	22.44	22.49	
3	QPSK	15	0	22.54	22.74	22.62	23.5
3	16QAM	1	0	22.61	22.79	22.65	
3	16QAM	1	8	22.54	22.55	22.56	
3	16QAM	1	14	22.41	22.47	22.45	22.5
3	16QAM	8	0	21.71	21.70	21.44	
3	16QAM	8	4	21.62	21.41	21.49	
3	16QAM	8	7	21.35	21.50	21.47	
3	16QAM	15	0	21.53	21.90	21.60	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	23.65	23.68	23.57	24.5
1.4	QPSK	1	3	23.62	23.69	23.58	
1.4	QPSK	1	5	23.60	23.40	23.47	
1.4	QPSK	3	0	23.69	23.70	23.68	
1.4	QPSK	3	1	23.62	23.75	23.48	
1.4	QPSK	3	3	23.67	23.71	23.55	
1.4	QPSK	6	0	22.60	22.83	22.59	23.5
1.4	16QAM	1	0	22.63	22.72	22.64	23.5
1.4	16QAM	1	3	22.57	22.70	22.51	
1.4	16QAM	1	5	22.44	22.43	22.41	
1.4	16QAM	3	0	22.61	22.79	22.59	
1.4	16QAM	3	1	22.59	22.69	22.61	
1.4	16QAM	3	3	22.56	22.42	22.43	
1.4	16QAM	6	0	21.58	21.84	21.56	22.5

LTE Band 2 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	20.74	20.94	20.71	21.5
20	QPSK	1	49	20.72	20.73	20.63	
20	QPSK	1	99	20.69	20.41	20.53	
20	QPSK	50	0	20.81	20.83	20.69	21.5
20	QPSK	50	24	20.80	20.65	20.59	
20	QPSK	50	50	20.57	20.61	20.66	
20	QPSK	100	0	20.71	20.83	20.69	21.5
20	16QAM	1	0	20.78	20.84	20.8	
20	16QAM	1	49	20.75	20.68	20.69	
20	16QAM	1	99	20.67	20.53	20.58	21.5
20	16QAM	50	0	20.59	20.60	20.49	
20	16QAM	50	24	20.72	20.36	20.46	
20	16QAM	50	50	20.33	20.44	20.44	21.5
20	16QAM	100	0	20.59	20.81	20.63	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	20.73	20.81	20.69	
15	QPSK	1	37	20.70	20.66	20.54	21.5
15	QPSK	1	74	20.62	20.33	20.51	
15	QPSK	36	0	20.83	20.79	20.64	21.5
15	QPSK	36	20	20.75	20.62	20.55	
15	QPSK	36	39	20.50	20.53	20.58	
15	QPSK	75	0	20.68	20.91	20.59	21.5
15	16QAM	1	0	20.74	20.75	20.76	
15	16QAM	1	37	20.72	20.65	20.63	
15	16QAM	1	74	20.57	20.48	20.53	21.5
15	16QAM	36	0	20.58	20.58	20.46	
15	16QAM	36	20	20.62	20.26	20.42	
15	16QAM	36	39	20.30	20.42	20.43	21.5
15	16QAM	75	0	20.49	20.78	20.61	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	20.71	20.82	20.61	
10	QPSK	1	25	20.66	20.66	20.62	21.5
10	QPSK	1	49	20.60	20.41	20.49	
10	QPSK	25	0	20.77	20.82	20.62	21.5
10	QPSK	25	12	20.73	20.56	20.52	
10	QPSK	25	25	20.55	20.58	20.64	
10	QPSK	50	0	20.66	20.91	20.60	21.5
10	16QAM	1	0	20.72	20.82	20.76	
10	16QAM	1	25	20.67	20.63	20.61	
10	16QAM	1	49	20.62	20.43	20.52	21.5
10	16QAM	25	0	20.56	20.54	20.46	
10	16QAM	25	12	20.64	20.29	20.41	
10	16QAM	25	25	20.30	20.41	20.39	21.5
10	16QAM	50	0	20.50	20.75	20.57	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	20.73	20.73	20.69	
5	QPSK	1	12	20.70	20.65	20.62	21.5
5	QPSK	1	24	20.63	20.37	20.45	
5	QPSK	12	0	20.79	20.74	20.59	21.5
5	QPSK	12	7	20.71	20.60	20.57	
5	QPSK	12	13	20.56	20.55	20.56	

BL-SH2460232-AP

5	QPSK	25	0	20.70	20.84	20.64	
5	16QAM	1	0	20.72	20.79	20.79	21.5
5	16QAM	1	12	20.69	20.60	20.63	
5	16QAM	1	24	20.57	20.46	20.57	
5	16QAM	12	0	20.55	20.54	20.40	21.5
5	16QAM	12	7	20.62	20.34	20.40	
5	16QAM	12	13	20.25	20.43	20.43	
5	16QAM	25	0	20.50	20.80	20.62	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	20.70	20.80	20.63	21.5
3	QPSK	1	8	20.63	20.64	20.57	
3	QPSK	1	14	20.64	20.36	20.48	
3	QPSK	8	0	20.75	20.75	20.60	21.5
3	QPSK	8	4	20.76	20.55	20.54	
3	QPSK	8	7	20.48	20.58	20.61	
3	QPSK	15	0	20.63	20.89	20.68	
3	16QAM	1	0	20.77	20.78	20.72	21.5
3	16QAM	1	8	20.71	20.64	20.61	
3	16QAM	1	14	20.61	20.50	20.50	
3	16QAM	8	0	20.58	20.55	20.41	21.5
3	16QAM	8	4	20.64	20.33	20.42	
3	16QAM	8	7	20.26	20.35	20.40	
3	16QAM	15	0	20.54	20.74	20.57	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	20.65	20.82	20.65	21.5
1.4	QPSK	1	3	20.71	20.67	20.62	
1.4	QPSK	1	5	20.64	20.40	20.51	
1.4	QPSK	3	0	20.78	20.81	20.63	
1.4	QPSK	3	1	20.70	20.63	20.56	
1.4	QPSK	3	3	20.52	20.55	20.64	
1.4	QPSK	6	0	20.67	20.86	20.62	21.5
1.4	16QAM	1	0	20.76	20.78	20.77	21.5
1.4	16QAM	1	3	20.66	20.60	20.66	
1.4	16QAM	1	5	20.62	20.50	20.51	
1.4	16QAM	3	0	20.56	20.56	20.41	
1.4	16QAM	3	1	20.65	20.32	20.37	
1.4	16QAM	3	3	20.31	20.43	20.39	
1.4	16QAM	6	0	20.56	20.76	20.59	21.5

LTE Band 2 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	18.78	18.98	18.75	19.5
20	QPSK	1	49	18.77	18.83	18.71	
20	QPSK	1	99	18.72	18.51	18.62	
20	QPSK	50	0	18.86	18.91	18.78	19.5
20	QPSK	50	24	18.82	18.66	18.66	
20	QPSK	50	50	18.59	18.71	18.71	
20	QPSK	100	0	18.74	18.91	18.77	19.5
20	16QAM	1	0	18.85	18.91	18.82	
20	16QAM	1	49	18.77	18.77	18.72	
20	16QAM	1	99	18.68	18.59	18.67	19.5
20	16QAM	50	0	18.77	18.79	18.59	
20	16QAM	50	24	18.73	18.56	18.59	
20	16QAM	50	50	18.47	18.51	18.51	19.5
20	16QAM	100	0	18.75	18.92	18.7	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	18.68	18.86	18.68	
15	QPSK	1	37	18.67	18.81	18.67	19.5
15	QPSK	1	74	18.71	18.43	18.54	
15	QPSK	36	0	18.79	18.86	18.70	19.5
15	QPSK	36	20	18.81	18.62	18.59	
15	QPSK	36	39	18.54	18.65	18.70	
15	QPSK	75	0	18.68	18.99	18.73	19.5
15	16QAM	1	0	18.80	18.84	18.72	
15	16QAM	1	37	18.74	18.68	18.69	
15	16QAM	1	74	18.66	18.51	18.58	19.5
15	16QAM	36	0	18.70	18.75	18.50	
15	16QAM	36	20	18.69	18.54	18.50	
15	16QAM	36	39	18.41	18.49	18.47	19.5
15	16QAM	75	0	18.74	18.91	18.62	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	18.77	18.79	18.71	
10	QPSK	1	25	18.67	18.73	18.63	19.5
10	QPSK	1	49	18.66	18.46	18.54	
10	QPSK	25	0	18.82	18.88	18.71	19.5
10	QPSK	25	12	18.78	18.62	18.57	
10	QPSK	25	25	18.55	18.61	18.69	
10	QPSK	50	0	18.72	18.93	18.74	19.5
10	16QAM	1	0	18.83	18.89	18.75	
10	16QAM	1	25	18.75	18.74	18.62	
10	16QAM	1	49	18.64	18.54	18.60	19.5
10	16QAM	25	0	18.74	18.74	18.49	
10	16QAM	25	12	18.63	18.54	18.58	
10	16QAM	25	25	18.43	18.45	18.45	19.5
10	16QAM	50	0	18.71	18.89	18.67	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	18.72	18.83	18.71	
5	QPSK	1	12	18.72	18.82	18.63	19.5
5	QPSK	1	24	18.66	18.43	18.54	
5	QPSK	12	0	18.76	18.88	18.71	19.5
5	QPSK	12	7	18.79	18.60	18.58	
5	QPSK	12	13	18.53	18.68	18.61	
5	QPSK	25	0	18.70	18.98	18.76	19.5
Channel				18625	18900	19175	
Frequency (MHz)				1852.5	1880	1907.5	

BL-SH2460232-AP

5	16QAM	1	0	18.77	18.90	18.81	19.5
5	16QAM	1	12	18.71	18.70	18.69	
5	16QAM	1	24	18.62	18.58	18.66	
5	16QAM	12	0	18.75	18.70	18.52	19.5
5	16QAM	12	7	18.71	18.49	18.50	
5	16QAM	12	13	18.43	18.47	18.45	
5	16QAM	25	0	18.74	18.87	18.64	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	18.68	18.82	18.68	19.5
3	QPSK	1	8	18.75	18.82	18.62	
3	QPSK	1	14	18.69	18.43	18.61	
3	QPSK	8	0	18.84	18.87	18.77	19.5
3	QPSK	8	4	18.75	18.65	18.59	
3	QPSK	8	7	18.49	18.62	18.70	
3	QPSK	15	0	18.71	18.94	18.71	
3	16QAM	1	0	18.82	18.90	18.74	19.5
3	16QAM	1	8	18.67	18.73	18.67	
3	16QAM	1	14	18.66	18.51	18.66	
3	16QAM	8	0	18.69	18.70	18.58	19.5
3	16QAM	8	4	18.65	18.51	18.49	
3	16QAM	8	7	18.45	18.43	18.47	
3	16QAM	15	0	18.66	18.82	18.62	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	18.75	18.82	18.72	19.5
1.4	QPSK	1	3	18.70	18.74	18.65	
1.4	QPSK	1	5	18.65	18.46	18.53	
1.4	QPSK	3	0	18.77	18.82	18.76	
1.4	QPSK	3	1	18.73	18.60	18.59	
1.4	QPSK	3	3	18.57	18.65	18.61	
1.4	QPSK	6	0	18.72	18.99	18.75	19.5
1.4	16QAM	1	0	18.84	18.87	18.80	19.5
1.4	16QAM	1	3	18.75	18.71	18.69	
1.4	16QAM	1	5	18.63	18.55	18.62	
1.4	16QAM	3	0	18.75	18.70	18.53	
1.4	16QAM	3	1	18.65	18.49	18.57	
1.4	16QAM	3	3	18.38	18.44	18.44	
1.4	16QAM	6	0	18.69	18.86	18.65	19.5

8.2.2 LTE Band 4 Output Power

LTE Band 4 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.4	23.44	23.43	24.5
20	QPSK	1	49	23.32	23.43	23.27	
20	QPSK	1	99	23.25	23.15	23.19	
20	QPSK	50	0	22.44	22.47	22.46	23.5
20	QPSK	50	24	22.41	22.21	22.19	
20	QPSK	50	50	22.25	22.27	22.24	
20	QPSK	100	0	22.4	22.55	22.37	
20	16QAM	1	0	22.43	22.44	22.35	23.5
20	16QAM	1	49	22.34	22.43	22.33	
20	16QAM	1	99	22.35	22.11	22.2	
20	16QAM	50	0	21.41	21.47	21.26	22.5
20	16QAM	50	24	21.39	21.34	21.26	
20	16QAM	50	50	21.15	21.16	21.22	
20	16QAM	100	0	21.36	21.59	21.45	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.34	23.40	23.29	24.5
15	QPSK	1	37	23.21	23.30	23.16	
15	QPSK	1	74	23.22	22.92	23.15	
15	QPSK	36	0	22.34	22.47	22.32	23.5
15	QPSK	36	20	22.36	22.19	22.10	
15	QPSK	36	39	22.14	22.23	22.23	
15	QPSK	75	0	22.16	22.54	22.33	
15	16QAM	1	0	22.38	22.47	22.33	23.5
15	16QAM	1	37	22.31	22.24	22.24	
15	16QAM	1	74	22.12	22.04	22.12	
15	16QAM	36	0	21.31	21.47	21.27	22.5
15	16QAM	36	20	21.31	21.11	21.16	
15	16QAM	36	39	21.08	21.08	21.23	
15	16QAM	75	0	21.35	21.59	21.33	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.34	23.31	23.22	24.5
10	QPSK	1	25	23.27	23.38	23.15	
10	QPSK	1	49	23.27	23.08	23.12	
10	QPSK	25	0	22.36	22.36	22.23	23.5
10	QPSK	25	12	22.25	22.13	22.07	
10	QPSK	25	25	22.12	22.21	22.23	
10	QPSK	50	0	22.22	22.50	22.33	
10	16QAM	1	0	22.38	22.43	22.31	23.5
10	16QAM	1	25	22.33	22.28	22.28	
10	16QAM	1	49	22.20	22.01	22.12	
10	16QAM	25	0	21.42	21.42	21.14	22.5
10	16QAM	25	12	21.30	21.18	21.06	
10	16QAM	25	25	21.09	21.18	21.12	
10	16QAM	50	0	21.37	21.48	21.34	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.22	23.40	23.27	24.5
5	QPSK	1	12	23.25	23.30	23.15	
5	QPSK	1	24	23.25	23.05	23.13	
5	QPSK	12	0	22.42	22.46	22.34	23.5

BL-SH2460232-AP

5	QPSK	12	7	22.35	22.08	22.20	
5	QPSK	12	13	22.14	22.20	22.16	
5	QPSK	25	0	22.16	22.57	22.32	
5	16QAM	1	0	22.39	22.45	22.38	23.5
5	16QAM	1	12	22.29	22.20	22.17	
5	16QAM	1	24	22.19	22.15	22.16	
5	16QAM	12	0	21.44	21.36	21.28	22.5
5	16QAM	12	7	21.39	21.13	21.18	
5	16QAM	12	13	21.11	21.15	21.22	
5	16QAM	25	0	21.22	21.57	21.23	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	23.28	23.39	23.20	24.5
3	QPSK	1	8	23.28	23.35	23.26	
3	QPSK	1	14	23.24	22.94	23.06	
3	QPSK	8	0	22.33	22.37	22.30	23.5
3	QPSK	8	4	22.25	22.13	22.11	
3	QPSK	8	7	22.11	22.14	22.18	
3	QPSK	15	0	22.15	22.43	22.30	
3	16QAM	1	0	22.37	22.41	22.26	23.5
3	16QAM	1	8	22.21	22.19	22.16	
3	16QAM	1	14	22.14	22.05	22.13	
3	16QAM	8	0	21.41	21.37	21.20	22.5
3	16QAM	8	4	21.29	21.09	21.20	
3	16QAM	8	7	21.03	21.13	21.18	
3	16QAM	15	0	21.30	21.49	21.25	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.14	23.31	23.16	24.5
1.4	QPSK	1	3	23.19	23.32	23.10	
1.4	QPSK	1	5	23.18	22.99	23.03	
1.4	QPSK	3	0	23.25	23.21	23.16	
1.4	QPSK	3	1	23.23	23.30	22.96	
1.4	QPSK	3	3	23.29	23.28	23.05	
1.4	QPSK	6	0	22.16	22.40	22.21	23.5
1.4	16QAM	1	0	22.15	22.33	22.15	23.5
1.4	16QAM	1	3	22.11	22.31	22.01	
1.4	16QAM	1	5	21.96	21.99	22.02	
1.4	16QAM	3	0	22.21	22.40	22.07	
1.4	16QAM	3	1	22.21	22.20	22.20	
1.4	16QAM	3	3	22.10	21.98	21.98	
1.4	16QAM	6	0	21.05	21.45	21.11	22.5

LTE Band 4 Ant.0-Table 3&7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	14.34	14.48	14.32	15.5
20	QPSK	1	49	14.32	14.43	14.27	
20	QPSK	1	99	14.25	14.15	14.19	
20	QPSK	50	0	14.40	14.41	14.40	15.5
20	QPSK	50	24	14.41	14.21	14.19	
20	QPSK	50	50	14.25	14.27	14.24	
20	QPSK	100	0	14.40	14.41	14.37	15.5
20	16QAM	1	0	14.43	14.42	14.35	
20	16QAM	1	49	14.34	14.43	14.33	
20	16QAM	1	99	14.35	14.11	14.20	15.5
20	16QAM	50	0	14.29	14.36	14.06	
20	16QAM	50	24	14.29	14.25	14.21	
20	16QAM	50	50	14.03	14.02	14.13	15.5
20	16QAM	100	0	14.27	14.26	14.32	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	14.31	14.40	14.37	
15	QPSK	1	37	14.30	14.40	14.18	15.5
15	QPSK	1	74	14.16	14.08	14.13	
15	QPSK	36	0	14.36	14.41	14.39	15.5
15	QPSK	36	20	14.37	14.14	14.14	
15	QPSK	36	39	14.24	14.26	14.14	
15	QPSK	75	0	14.30	14.35	14.28	15.5
15	16QAM	1	0	14.36	14.37	14.34	
15	16QAM	1	37	14.24	14.39	14.25	
15	16QAM	1	74	14.33	14.03	14.19	15.5
15	16QAM	36	0	14.26	14.42	14.08	
15	16QAM	36	20	14.37	14.25	14.13	
15	16QAM	36	39	14.02	14.00	14.11	15.5
15	16QAM	75	0	14.19	14.32	14.30	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	14.35	14.42	14.40	
10	QPSK	1	25	14.27	14.40	14.24	15.5
10	QPSK	1	49	14.20	14.05	14.10	
10	QPSK	25	0	14.35	14.39	14.38	15.5
10	QPSK	25	12	14.33	14.13	14.15	
10	QPSK	25	25	14.21	14.17	14.17	
10	QPSK	50	0	14.32	14.42	14.35	15.5
10	16QAM	1	0	14.40	14.42	14.25	
10	16QAM	1	25	14.33	14.41	14.31	
10	16QAM	1	49	14.28	14.02	14.14	15.5
10	16QAM	25	0	14.25	14.41	14.08	
10	16QAM	25	12	14.30	14.20	14.21	
10	16QAM	25	25	14.08	14.08	14.17	15.5
10	16QAM	50	0	14.20	14.42	14.28	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	14.30	14.43	14.38	
5	QPSK	1	12	14.29	14.39	14.21	15.5
5	QPSK	1	24	14.20	14.13	14.09	
5	QPSK	12	0	14.43	14.41	14.39	15.5
5	QPSK	12	7	14.31	14.14	14.10	
5	QPSK	12	13	14.15	14.21	14.20	

BL-SH2460232-AP

5	QPSK	25	0	14.37	14.32	14.32	
5	16QAM	1	0	14.33	14.38	14.32	15.5
5	16QAM	1	12	14.27	14.39	14.24	
5	16QAM	1	24	14.31	14.08	14.11	
5	16QAM	12	0	14.24	14.37	14.14	15.5
5	16QAM	12	7	14.35	14.23	14.19	
5	16QAM	12	13	14.07	14.08	14.11	
5	16QAM	25	0	14.25	14.33	14.33	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	14.32	14.42	14.41	15.5
3	QPSK	1	8	14.26	14.42	14.20	
3	QPSK	1	14	14.22	14.09	14.11	
3	QPSK	8	0	14.38	14.40	14.36	15.5
3	QPSK	8	4	14.37	14.14	14.17	
3	QPSK	8	7	14.22	14.24	14.19	
3	QPSK	15	0	14.31	14.42	14.36	
3	16QAM	1	0	14.42	14.35	14.34	15.5
3	16QAM	1	8	14.29	14.40	14.24	
3	16QAM	1	14	14.25	14.06	14.14	
3	16QAM	8	0	14.23	14.42	14.12	15.5
3	16QAM	8	4	14.28	14.27	14.18	
3	16QAM	8	7	14.06	14.04	14.09	
3	16QAM	15	0	14.22	14.31	14.34	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	14.37	14.39	14.40	15.5
1.4	QPSK	1	3	14.25	14.42	14.18	
1.4	QPSK	1	5	14.16	14.10	14.15	
1.4	QPSK	3	0	14.34	14.33	14.43	
1.4	QPSK	3	1	14.37	14.19	14.10	
1.4	QPSK	3	3	14.22	14.26	14.21	
1.4	QPSK	6	0	14.39	14.39	14.34	15.5
1.4	16QAM	1	0	14.40	14.43	14.33	15.5
1.4	16QAM	1	3	14.25	14.33	14.25	
1.4	16QAM	1	5	14.26	14.01	14.10	
1.4	16QAM	3	0	14.27	14.36	14.13	
1.4	16QAM	3	1	14.31	14.29	14.15	
1.4	16QAM	3	3	14.07	14.05	14.13	
1.4	16QAM	6	0	14.19	14.42	14.32	15.5

8.2.3 LTE Band 5 Output Power

LTE Band 5 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	23.63	23.76	23.66	24.5
10	QPSK	1	25	23.61	23.62	23.55	
10	QPSK	1	49	23.46	23.44	23.45	
10	QPSK	25	0	22.63	22.74	22.74	23.5
10	QPSK	25	12	22.74	22.42	22.51	
10	QPSK	25	25	22.45	22.59	22.45	
10	QPSK	50	0	22.66	22.83	22.56	23.5
10	16QAM	1	0	22.69	22.63	22.59	
10	16QAM	1	25	22.52	22.72	22.60	
10	16QAM	1	49	22.68	22.37	22.49	22.5
10	16QAM	25	0	21.69	21.70	21.57	
10	16QAM	25	12	21.67	21.54	21.53	
10	16QAM	25	25	21.48	21.37	21.41	22.5
10	16QAM	50	0	21.59	21.81	21.67	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	23.49	23.70	23.63	
5	QPSK	1	12	23.50	23.52	23.36	24.5
5	QPSK	1	24	23.41	23.30	23.29	
5	QPSK	12	0	22.54	22.67	22.69	23.5
5	QPSK	12	7	22.49	22.40	22.31	
5	QPSK	12	13	22.37	22.39	22.44	
5	QPSK	25	0	22.47	22.76	22.49	23.5
5	16QAM	1	0	22.57	22.58	22.43	
5	16QAM	1	12	22.46	22.60	22.55	
5	16QAM	1	24	22.52	22.24	22.27	22.5
5	16QAM	12	0	21.60	21.56	21.46	
5	16QAM	12	7	21.56	21.56	21.35	
5	16QAM	12	13	21.23	21.36	21.35	22.5
5	16QAM	25	0	21.58	21.67	21.62	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	23.59	23.67	23.61	
3	QPSK	1	8	23.43	23.61	23.46	24.5
3	QPSK	1	14	23.33	23.34	23.38	
3	QPSK	8	0	22.67	22.54	22.57	23.5
3	QPSK	8	4	22.60	22.29	22.30	
3	QPSK	8	7	22.47	22.44	22.42	
3	QPSK	15	0	22.61	22.71	22.47	23.5
3	16QAM	1	0	22.55	22.62	22.51	
3	16QAM	1	8	22.53	22.61	22.45	
3	16QAM	1	14	22.54	22.25	22.32	22.5
3	16QAM	8	0	21.55	21.60	21.39	
3	16QAM	8	4	21.62	21.52	21.40	
3	16QAM	8	7	21.29	21.36	21.44	22.5
3	16QAM	15	0	21.54	21.76	21.54	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	23.44	23.58	23.50	
1.4	QPSK	1	3	23.57	23.69	23.43	24.5
1.4	QPSK	1	5	23.56	23.36	23.42	
1.4	QPSK	3	0	23.59	23.50	23.54	
1.4	QPSK	3	1	23.53	23.61	23.23	24.5

1.4	QPSK	3	3	23.64	23.56	23.41	
1.4	QPSK	6	0	22.53	22.70	22.53	23.5
1.4	16QAM	1	0	22.43	22.67	22.48	23.5
1.4	16QAM	1	3	22.49	22.68	22.38	
1.4	16QAM	1	5	22.32	22.39	22.39	
1.4	16QAM	3	0	22.61	22.69	22.43	
1.4	16QAM	3	1	22.59	22.52	22.59	
1.4	16QAM	3	3	22.36	22.25	22.29	
1.4	16QAM	6	0	21.40	21.76	21.43	22.5

8.2.4 LTE Band 7 Output Power

LTE Band 7 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	24.14	24.39	24.25	24.5
20	QPSK	1	49	24.13	24.14	24.09	
20	QPSK	1	99	24.07	24	23.95	
20	QPSK	50	0	23.17	23.28	23.23	23.5
20	QPSK	50	24	23.24	22.92	23.01	
20	QPSK	50	50	23.01	23.07	23.02	
20	QPSK	100	0	23.18	23.45	23.18	
20	16QAM	1	0	23.32	23.18	23.12	23.5
20	16QAM	1	49	23.05	23.27	23.19	
20	16QAM	1	99	23.15	22.9	22.98	
20	16QAM	50	0	22.18	22.22	22.11	22.5
20	16QAM	50	24	22.23	22.12	22.04	
20	16QAM	50	50	21.98	21.84	21.91	
20	16QAM	100	0	22.07	22.32	22.18	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	24.16	24.19	24.08	
15	QPSK	1	37	24.13	24.05	23.96	24.5
15	QPSK	1	74	23.86	23.96	23.98	
15	QPSK	36	0	23.14	23.24	23.23	23.5
15	QPSK	36	20	23.23	22.94	22.93	
15	QPSK	36	39	22.88	23.06	22.86	
15	QPSK	75	0	23.16	23.32	23.09	
15	16QAM	1	0	23.21	23.09	23.12	23.5
15	16QAM	1	37	22.91	23.17	22.99	
15	16QAM	1	74	23.18	22.87	22.98	
15	16QAM	36	0	22.17	22.21	21.95	22.5
15	16QAM	36	20	22.13	22.04	22.06	
15	16QAM	36	39	21.94	21.78	21.80	
15	16QAM	75	0	22.08	22.28	22.13	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	24.12	24.13	24.04	
10	QPSK	1	25	24.05	24.13	23.97	24.5
10	QPSK	1	49	23.83	23.87	23.93	
10	QPSK	25	0	23.06	23.26	23.20	23.5
10	QPSK	25	12	23.15	22.91	22.94	
10	QPSK	25	25	22.84	23.10	22.93	
10	QPSK	50	0	23.18	23.21	22.96	
10	16QAM	1	0	23.17	23.10	23.06	23.5
10	16QAM	1	25	22.91	23.16	23.06	
10	16QAM	1	49	23.12	22.87	22.96	
10	16QAM	25	0	22.08	22.20	22.09	22.5

10	16QAM	25	12	22.13	21.99	22.04	
10	16QAM	25	25	21.96	21.76	21.90	
10	16QAM	50	0	22.01	22.21	22.08	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	24.09	24.26	24.14	24.5
5	QPSK	1	12	24.07	24.03	23.96	
5	QPSK	1	24	23.89	23.84	23.94	
5	QPSK	12	0	23.05	23.26	23.16	23.5
5	QPSK	12	7	23.18	22.86	22.92	
5	QPSK	12	13	22.90	22.99	22.90	
5	QPSK	25	0	23.09	23.30	22.96	
5	16QAM	1	0	23.21	23.07	23.04	23.5
5	16QAM	1	12	22.90	23.13	23.11	
5	16QAM	1	24	23.07	22.80	22.93	
5	16QAM	12	0	22.11	22.12	22.06	22.5
5	16QAM	12	7	22.12	22.06	21.99	
5	16QAM	12	13	22.00	21.85	21.81	
5	16QAM	25	0	22.02	22.34	22.18	

LTE Band 7 Ant.0-Table 7							
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	QPSK	1	0	21.10	21.39	21.28	21.5
20	QPSK	1	49	21.13	21.14	21.09	
20	QPSK	1	99	21.07	21.00	20.95	
20	QPSK	50	0	21.17	21.28	21.23	21.5
20	QPSK	50	24	21.24	20.92	21.01	
20	QPSK	50	50	21.01	21.07	21.02	
20	QPSK	100	0	21.18	21.35	21.18	
20	16QAM	1	0	21.32	21.18	21.12	21.5
20	16QAM	1	49	21.05	21.27	21.19	
20	16QAM	1	99	21.15	20.90	20.98	
20	16QAM	50	0	21.18	21.22	21.11	21.5
20	16QAM	50	24	21.23	21.12	21.04	
20	16QAM	50	50	20.98	20.84	20.91	
20	16QAM	100	0	21.07	21.32	21.18	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	21.11	21.36	21.24	21.5
15	QPSK	1	37	21.05	21.04	20.99	
15	QPSK	1	74	21.04	20.97	20.87	
15	QPSK	36	0	20.07	20.19	20.14	21.5
15	QPSK	36	20	20.23	19.89	19.98	
15	QPSK	36	39	19.96	20.03	19.98	
15	QPSK	75	0	20.13	20.36	20.14	
15	16QAM	1	0	20.27	20.10	20.07	21.5
15	16QAM	1	37	19.97	20.19	20.15	
15	16QAM	1	74	20.14	19.89	19.92	
15	16QAM	36	0	20.08	20.17	20.05	21.5
15	16QAM	36	20	20.14	20.11	19.96	
15	16QAM	36	39	19.88	19.78	19.85	
15	16QAM	75	0	20.01	20.29	20.17	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	21.13	21.32	21.24	21.5
10	QPSK	1	25	21.06	21.09	21.01	

10	QPSK	1	49	21.02	20.99	20.92	
10	QPSK	25	0	20.16	20.20	20.14	21.5
10	QPSK	25	12	20.19	19.84	20.00	
10	QPSK	25	25	19.94	20.01	19.99	
10	QPSK	50	0	20.10	20.44	20.10	
10	16QAM	1	0	20.26	20.08	20.11	21.5
10	16QAM	1	25	19.99	20.25	20.17	
10	16QAM	1	49	20.12	19.88	19.92	
10	16QAM	25	0	20.13	20.13	20.08	21.5
10	16QAM	25	12	20.19	20.04	19.98	
10	16QAM	25	25	19.93	19.81	19.85	
10	16QAM	50	0	20.06	20.29	20.13	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	21.12	21.29	21.17	21.5
5	QPSK	1	12	21.08	21.09	21.07	
5	QPSK	1	24	21.02	20.96	20.87	
5	QPSK	12	0	20.12	20.24	20.17	21.5
5	QPSK	12	7	20.22	19.86	20.00	
5	QPSK	12	13	19.97	20.06	19.95	
5	QPSK	25	0	20.15	20.39	20.12	
5	16QAM	1	0	20.31	20.08	20.06	21.5
5	16QAM	1	12	20.03	20.24	20.16	
5	16QAM	1	24	20.07	19.85	19.95	
5	16QAM	12	0	20.13	20.18	20.01	21.5
5	16QAM	12	7	20.18	20.11	19.99	
5	16QAM	12	13	19.94	19.80	19.83	
5	16QAM	25	0	19.97	20.23	20.10	

8.2.5 LTE Band 12 Output Power

LTE Band 12 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.68	23.68	23.63	24.5
10	QPSK	1	25	23.54	23.66	23.62	
10	QPSK	1	49	23.7	23.81	23.63	
10	QPSK	25	0	22.71	22.9	22.79	23.5
10	QPSK	25	12	22.77	22.53	22.46	
10	QPSK	25	25	22.55	22.71	22.45	
10	QPSK	50	0	22.66	22.93	22.58	
10	16QAM	1	0	22.8	22.65	22.58	23.5
10	16QAM	1	25	22.49	22.75	22.63	
10	16QAM	1	49	22.76	22.4	22.48	
10	16QAM	25	0	21.66	21.8	21.64	22.5
10	16QAM	25	12	21.69	21.58	21.58	
10	16QAM	25	25	21.6	21.53	21.51	
10	16QAM	50	0	21.76	21.82	21.72	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.54	23.52	23.56	24.5
5	QPSK	1	12	23.57	23.56	23.62	
5	QPSK	1	24	23.54	23.66	23.65	
5	QPSK	12	0	22.60	22.77	22.78	23.5
5	QPSK	12	7	22.71	22.48	22.41	
5	QPSK	12	13	22.41	22.57	22.36	
5	QPSK	25	0	22.75	22.85	22.60	
5	16QAM	1	0	22.76	22.62	22.61	23.5

5	16QAM	1	12	22.41	22.64	22.69	
5	16QAM	1	24	22.72	22.33	22.47	
5	16QAM	12	0	21.68	21.72	21.53	
5	16QAM	12	7	21.65	21.42	21.50	22.5
5	16QAM	12	13	21.54	21.40	21.50	
5	16QAM	25	0	21.72	21.74	21.62	
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)
3	QPSK	1	0	23.56	23.48	23.48	24.5
3	QPSK	1	8	23.46	23.64	23.56	
3	QPSK	1	14	23.53	23.56	23.65	
3	QPSK	8	0	22.57	22.75	22.69	23.5
3	QPSK	8	4	22.63	22.47	22.51	
3	QPSK	8	7	22.47	22.68	22.38	
3	QPSK	15	0	22.76	22.85	22.52	
3	16QAM	1	0	22.72	22.61	22.63	23.5
3	16QAM	1	8	22.42	22.57	22.56	
3	16QAM	1	14	22.65	22.28	22.49	
3	16QAM	8	0	21.72	21.76	21.58	22.5
3	16QAM	8	4	21.64	21.45	21.46	
3	16QAM	8	7	21.45	21.47	21.46	
3	16QAM	15	0	21.61	21.82	21.66	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.27	23.25	23.19	24.5
1.4	QPSK	1	3	23.19	23.37	23.35	
1.4	QPSK	1	5	23.40	23.58	23.44	
1.4	QPSK	3	0	23.41	23.34	23.35	
1.4	QPSK	3	1	23.32	23.39	23.45	
1.4	QPSK	3	3	23.43	23.48	23.46	
1.4	QPSK	6	0	22.44	22.67	22.48	23.5
1.4	16QAM	1	0	22.52	22.50	22.35	23.5
1.4	16QAM	1	3	22.22	22.54	22.33	
1.4	16QAM	1	5	22.45	22.38	22.34	
1.4	16QAM	3	0	22.55	22.24	22.46	
1.4	16QAM	3	1	22.25	22.50	22.44	
1.4	16QAM	3	3	22.51	22.08	22.38	
1.4	16QAM	6	0	21.59	21.55	21.49	22.5

8.2.6 LTE Band 13 Output Power

LTE Band 13 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		23.97		24.5
10	QPSK	1	25		23.55		
10	QPSK	1	49		23.61		
10	QPSK	25	0		22.79		23.5
10	QPSK	25	12		22.75		
10	QPSK	25	25		22.66		
10	QPSK	50	0		22.83		
10	16QAM	1	0		23.04		23.5
10	16QAM	1	25		23.01		
10	16QAM	1	49		22.88		
10	16QAM	25	0		21.84		22.5
10	16QAM	25	12		21.83		
10	16QAM	25	25		21.78		
10	16QAM	50	0		21.91		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.62	23.61	23.58	24.5
5	QPSK	1	12	23.55	23.51	23.68	
5	QPSK	1	24	23.65	23.80	23.73	
5	QPSK	12	0	22.55	22.77	22.79	23.5
5	QPSK	12	7	22.73	22.43	22.51	
5	QPSK	12	13	22.44	22.69	22.35	
5	QPSK	25	0	22.61	23.03	22.59	
5	16QAM	1	0	22.87	22.71	22.61	23.5
5	16QAM	1	12	22.60	22.70	22.78	
5	16QAM	1	24	22.82	22.55	22.58	
5	16QAM	12	0	21.74	21.73	21.60	22.5
5	16QAM	12	7	21.69	21.42	21.61	
5	16QAM	12	13	21.49	21.35	21.50	
5	16QAM	25	0	21.81	21.74	21.70	

8.2.7 LTE Band 14 Output Power

LTE Band 14 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		23.44		24.5
10	QPSK	1	25		23.37		
10	QPSK	1	49		23.54		
10	QPSK	25	0		22.21		23.5
10	QPSK	25	12		22.17		
10	QPSK	25	25		22.31		
10	QPSK	50	0		22.25		
10	16QAM	1	0		22.11		23.5
10	16QAM	1	25		22.23		
10	16QAM	1	49		22.44		
10	16QAM	25	0		21.16		22.5
10	16QAM	25	12		21.16		
10	16QAM	25	25		21.4		
10	16QAM	50	0		21.21		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.29	23.17	23.19	24.5
5	QPSK	1	12	23.15	23.19	23.26	
5	QPSK	1	24	23.31	23.43	23.27	
5	QPSK	12	0	22.18	22.32	22.47	23.5
5	QPSK	12	7	22.34	22.00	22.04	
5	QPSK	12	13	22.06	22.32	22.01	
5	QPSK	25	0	22.14	22.61	22.24	
5	16QAM	1	0	22.43	22.37	22.14	23.5
5	16QAM	1	12	22.23	22.34	22.30	
5	16QAM	1	24	22.37	22.11	22.18	
5	16QAM	12	0	21.28	21.37	21.15	22.5
5	16QAM	12	7	21.31	20.97	21.16	
5	16QAM	12	13	21.11	20.90	21.05	
5	16QAM	25	0	21.34	21.40	21.33	

8.2.8 LTE Band 17 Output Power

LTE Band 17 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.62	23.59	23.53	24.5
10	QPSK	1	25	23.6	23.58	23.71	
10	QPSK	1	49	23.67	23.79	23.68	
10	QPSK	25	0	22.66	22.86	22.81	23.5
10	QPSK	25	12	22.67	22.54	22.58	
10	QPSK	25	25	22.48	22.65	22.55	
10	QPSK	50	0	22.72	22.94	22.55	
10	16QAM	1	0	22.76	22.64	22.64	23.5
10	16QAM	1	25	22.46	22.64	22.69	
10	16QAM	1	49	22.75	22.3	22.46	
10	16QAM	25	0	21.7	21.74	21.57	22.5
10	16QAM	25	12	21.65	21.59	21.59	
10	16QAM	25	25	21.56	21.38	21.55	
10	16QAM	50	0	21.72	21.85	21.72	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.45	23.47	23.44	24.5
5	QPSK	1	12	23.52	23.38	23.53	
5	QPSK	1	24	23.48	23.65	23.59	
5	QPSK	12	0	22.53	22.71	22.77	23.5
5	QPSK	12	7	22.51	22.39	22.38	
5	QPSK	12	13	22.39	22.56	22.51	
5	QPSK	25	0	22.55	22.77	22.38	
5	16QAM	1	0	22.61	22.49	22.55	23.5
5	16QAM	1	12	22.39	22.54	22.54	
5	16QAM	1	24	22.62	22.13	22.36	
5	16QAM	12	0	21.55	21.61	21.52	22.5
5	16QAM	12	7	21.60	21.40	21.52	
5	16QAM	12	13	21.44	21.22	21.50	
5	16QAM	25	0	21.68	21.74	21.66	

8.2.9 LTE Band 25 Output Power

LTE Band 25 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.03	24.05	23.98	24.5
20	QPSK	1	49	23.91	23.95	23.94	
20	QPSK	1	99	23.89	23.74	23.87	
20	QPSK	50	0	23.01	23.07	23.04	23.5
20	QPSK	50	24	23.03	22.9	22.84	
20	QPSK	50	50	22.84	22.89	22.97	
20	QPSK	100	0	22.99	23.23	22.99	
20	16QAM	1	0	23.04	23.11	23	23.5
20	16QAM	1	49	22.95	23.03	22.85	
20	16QAM	1	99	22.87	22.73	22.86	
20	16QAM	50	0	22.08	22.11	21.83	22.5
20	16QAM	50	24	22.09	21.89	21.88	
20	16QAM	50	50	21.81	21.84	21.88	
20	16QAM	100	0	21.95	22.24	22.05	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.86	24.01	23.82	24.5
15	QPSK	1	37	23.87	23.88	23.82	
15	QPSK	1	74	23.75	23.60	23.75	
15	QPSK	36	0	22.99	22.99	22.81	23.5
15	QPSK	36	20	22.87	22.74	22.73	
15	QPSK	36	39	22.67	22.84	22.88	
15	QPSK	75	0	22.83	23.14	22.95	
15	16QAM	1	0	23.01	23.06	22.95	23.5
15	16QAM	1	37	22.80	22.94	22.84	
15	16QAM	1	74	22.72	22.73	22.76	
15	16QAM	36	0	22.01	22.08	21.88	22.5
15	16QAM	36	20	21.88	21.80	21.77	
15	16QAM	36	39	21.70	21.69	21.77	
15	16QAM	75	0	21.84	22.11	21.95	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.88	23.98	23.82	24.5
10	QPSK	1	25	23.92	23.88	23.85	
10	QPSK	1	49	23.75	23.68	23.69	
10	QPSK	25	0	22.92	22.97	22.88	23.5
10	QPSK	25	12	22.96	22.79	22.78	
10	QPSK	25	25	22.61	22.86	22.75	
10	QPSK	50	0	22.86	23.05	22.86	
10	16QAM	1	0	22.96	23.09	22.94	23.5
10	16QAM	1	25	22.91	22.85	22.81	
10	16QAM	1	49	22.74	22.62	22.72	
10	16QAM	25	0	22.03	22.01	21.85	22.5
10	16QAM	25	12	21.92	21.82	21.76	
10	16QAM	25	25	21.70	21.77	21.79	
10	16QAM	50	0	21.88	22.15	21.94	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.86	23.99	23.79	24.5
5	QPSK	1	12	23.85	23.99	23.87	
5	QPSK	1	24	23.86	23.67	23.71	
5	QPSK	12	0	23.00	22.94	22.86	23.5

BL-SH2460232-AP

5	QPSK	12	7	22.98	22.73	22.81	
5	QPSK	12	13	22.68	22.73	22.86	
5	QPSK	25	0	22.84	23.11	22.90	
5	16QAM	1	0	23.02	23.01	22.90	23.5
5	16QAM	1	12	22.83	22.89	22.78	
5	16QAM	1	24	22.70	22.68	22.79	
5	16QAM	12	0	21.99	22.03	21.85	22.5
5	16QAM	12	7	21.87	21.77	21.73	
5	16QAM	12	13	21.61	21.70	21.85	
5	16QAM	25	0	21.91	22.17	21.98	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	23.94	24.01	23.92	24.5
3	QPSK	1	8	23.91	23.90	23.87	
3	QPSK	1	14	23.83	23.65	23.66	
3	QPSK	8	0	22.91	22.97	22.81	23.5
3	QPSK	8	4	22.98	22.79	22.81	
3	QPSK	8	7	22.72	22.84	22.83	
3	QPSK	15	0	22.80	23.10	22.90	
3	16QAM	1	0	22.93	23.00	22.94	23.5
3	16QAM	1	8	22.89	22.93	22.83	
3	16QAM	1	14	22.80	22.67	22.70	
3	16QAM	8	0	22.02	22.01	21.83	22.5
3	16QAM	8	4	21.96	21.83	21.80	
3	16QAM	8	7	21.63	21.73	21.72	
3	16QAM	15	0	21.96	22.20	21.90	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	23.93	23.96	23.78	24.5
1.4	QPSK	1	3	23.85	23.94	23.76	
1.4	QPSK	1	5	23.82	23.61	23.71	
1.4	QPSK	3	0	23.88	24.00	23.90	
1.4	QPSK	3	1	23.93	23.89	23.87	
1.4	QPSK	3	3	23.89	23.58	23.72	
1.4	QPSK	6	0	22.80	23.08	22.81	23.5
1.4	16QAM	1	0	22.98	23.05	22.94	23.5
1.4	16QAM	1	3	22.85	22.81	22.76	
1.4	16QAM	1	5	22.83	22.77	22.83	
1.4	16QAM	3	0	22.96	22.95	22.97	
1.4	16QAM	3	1	22.82	22.93	22.85	
1.4	16QAM	3	3	22.78	22.67	22.75	
1.4	16QAM	6	0	21.83	22.22	21.99	22.5

LTE Band 25 Ant.0-Table 7							
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	QPSK	1	0	21.11	21.13	20.86	21.5
20	QPSK	1	49	21.03	20.83	20.95	
20	QPSK	1	99	20.74	20.66	20.82	
20	QPSK	50	0	20.65	20.89	20.85	21.5
20	QPSK	50	24	20.83	20.63	20.74	
20	QPSK	50	50	20.7	20.59	20.83	
20	QPSK	100	0	20.74	21.02	20.74	
20	16QAM	1	0	21.02	20.97	20.61	21.5
20	16QAM	1	49	20.66	21.02	20.83	
20	16QAM	1	99	20.68	20.58	20.79	
20	16QAM	50	0	21.01	20.95	20.75	21.5
20	16QAM	50	24	20.8	20.62	20.82	
20	16QAM	50	50	20.54	20.55	20.51	
20	16QAM	100	0	20.81	20.93	20.71	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	21.00	20.95	20.95	21.5
15	QPSK	1	37	20.90	20.85	20.84	
15	QPSK	1	74	20.87	20.66	20.84	
15	QPSK	36	0	20.72	20.85	20.80	21.5
15	QPSK	36	20	20.76	20.68	20.58	
15	QPSK	36	39	20.57	20.66	20.68	
15	QPSK	75	0	20.74	21.01	20.78	
15	16QAM	1	0	20.77	20.88	20.77	21.5
15	16QAM	1	37	20.67	20.80	20.63	
15	16QAM	1	74	20.65	20.51	20.58	
15	16QAM	36	0	20.83	20.86	20.56	21.5
15	16QAM	36	20	20.82	20.65	20.65	
15	16QAM	36	39	20.58	20.61	20.65	
15	16QAM	75	0	20.67	20.98	20.77	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	20.97	20.99	20.89	21.5
10	QPSK	1	25	20.89	20.94	20.93	
10	QPSK	1	49	20.86	20.69	20.84	
10	QPSK	25	0	20.74	20.77	20.76	21.5
10	QPSK	25	12	20.74	20.62	20.54	
10	QPSK	25	25	20.54	20.68	20.75	
10	QPSK	50	0	20.76	20.95	20.69	
10	16QAM	1	0	20.74	20.85	20.73	21.5
10	16QAM	1	25	20.69	20.80	20.64	
10	16QAM	1	49	20.63	20.48	20.63	
10	16QAM	25	0	20.78	20.86	20.59	21.5
10	16QAM	25	12	20.88	20.67	20.61	
10	16QAM	25	25	20.51	20.55	20.61	
10	16QAM	50	0	20.71	21.00	20.83	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	20.95	21.03	20.88	21.5
5	QPSK	1	12	20.89	20.92	20.84	
5	QPSK	1	24	20.80	20.67	20.78	
5	QPSK	12	0	20.76	20.78	20.80	21.5
5	QPSK	12	7	20.74	20.66	20.61	

5	QPSK	12	13	20.54	20.62	20.70	
5	QPSK	25	0	20.71	21.01	20.71	
5	16QAM	1	0	20.82	20.86	20.76	21.5
5	16QAM	1	12	20.73	20.78	20.56	
5	16QAM	1	24	20.64	20.45	20.57	
5	16QAM	12	0	20.86	20.83	20.54	21.5
5	16QAM	12	7	20.82	20.67	20.65	
5	16QAM	12	13	20.55	20.54	20.64	
5	16QAM	25	0	20.67	20.97	20.80	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	21.02	20.98	20.97	21.5
3	QPSK	1	8	20.83	20.89	20.86	
3	QPSK	1	14	20.82	20.68	20.77	
3	QPSK	8	0	20.72	20.84	20.79	21.5
3	QPSK	8	4	20.81	20.66	20.63	
3	QPSK	8	7	20.56	20.67	20.70	
3	QPSK	15	0	20.77	21.00	20.72	
3	16QAM	1	0	20.75	20.83	20.70	21.5
3	16QAM	1	8	20.70	20.75	20.58	
3	16QAM	1	14	20.61	20.47	20.63	
3	16QAM	8	0	20.85	20.82	20.62	21.5
3	16QAM	8	4	20.82	20.65	20.61	
3	16QAM	8	7	20.53	20.59	20.58	
3	16QAM	15	0	20.67	20.96	20.82	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	20.98	20.95	20.97	21.5
1.4	QPSK	1	3	20.87	20.91	20.85	
1.4	QPSK	1	5	20.80	20.70	20.77	
1.4	QPSK	3	0	20.72	20.80	20.74	
1.4	QPSK	3	1	20.79	20.61	20.58	
1.4	QPSK	3	3	20.59	20.62	20.74	
1.4	QPSK	6	0	20.70	20.93	20.69	21.5
1.4	16QAM	1	0	20.82	20.81	20.71	21.5
1.4	16QAM	1	3	20.72	20.82	20.56	
1.4	16QAM	1	5	20.61	20.46	20.63	
1.4	16QAM	3	0	20.78	20.90	20.55	
1.4	16QAM	3	1	20.85	20.61	20.64	
1.4	16QAM	3	3	20.59	20.60	20.64	
1.4	16QAM	6	0	20.69	21.01	20.77	21.5

8.2.10 LTE Band 30 Output Power

LTE Band 30Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		22.33		23.7
10	QPSK	1	25		21.84		
10	QPSK	1	49		21.93		
10	QPSK	25	0		21.2		22.7
10	QPSK	25	12		21.19		
10	QPSK	25	25		21.12		
10	QPSK	50	0		20.91		
10	16QAM	1	0		21.25		22.7
10	16QAM	1	25		21.03		
10	16QAM	1	49		21.01		
10	16QAM	25	0		20.27		21.7
10	16QAM	25	12		20.23		
10	16QAM	25	25		20.03		
10	16QAM	50	0		19.92		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	22.22	22.21	22.18	23.7
5	QPSK	1	12	21.82	21.73	21.73	
5	QPSK	1	24	21.81	21.84	21.87	
5	QPSK	12	0	21.09	21.04	21.12	22.7
5	QPSK	12	7	21.15	21.11	21.04	
5	QPSK	12	13	21.01	20.95	20.95	
5	QPSK	25	0	20.74	20.88	20.89	
5	16QAM	1	0	21.08	21.11	21.23	22.7
5	16QAM	1	12	20.88	20.91	20.92	
5	16QAM	1	24	20.86	20.93	20.87	
5	16QAM	12	0	20.24	20.09	20.18	21.7
5	16QAM	12	7	20.09	20.09	20.15	
5	16QAM	12	13	19.93	19.89	19.87	
5	16QAM	25	0	19.81	19.85	19.75	

LTE Band 30 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		19.36		20.7
10	QPSK	1	25		18.95		
10	QPSK	1	49		18.93		
10	QPSK	25	0		19.20		20.7
10	QPSK	25	12		19.19		
10	QPSK	25	25		19.12		
10	QPSK	50	0		18.91		
10	16QAM	1	0		19.25		20.7
10	16QAM	1	25		19.03		
10	16QAM	1	49		19.01		
10	16QAM	25	0		19.24		20.7
10	16QAM	25	12		19.23		
10	16QAM	25	25		19.34		
10	16QAM	50	0		19.19		
Channel				27685	27710	27735	

Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	0	19.28	19.26	19.27	20.7
5	QPSK	1	12	18.90	19.05	18.80	
5	QPSK	1	24	18.87	18.91	18.90	
5	QPSK	12	0	19.16	19.16	19.12	20.7
5	QPSK	12	7	19.15	19.15	19.11	
5	QPSK	12	13	19.03	19.05	19.08	
5	QPSK	25	0	18.82	18.81	18.83	
5	16QAM	1	0	19.22	19.24	19.21	20.7
5	16QAM	1	12	19.00	18.99	19.02	
5	16QAM	1	24	18.97	19.00	19.00	
5	16QAM	12	0	19.18	19.16	19.17	20.7
5	16QAM	12	7	19.21	19.18	19.22	
5	16QAM	12	13	19.30	19.29	19.26	
5	16QAM	25	0	19.09	19.15	19.12	

LTE Band 30 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		17.83		18.2
10	QPSK	1	25		17.34		
10	QPSK	1	49		17.43		
10	QPSK	25	0		17.66		18.2
10	QPSK	25	12		17.55		
10	QPSK	25	25		17.56		
10	QPSK	50	0		16.91		
10	16QAM	1	0		17.25		18.2
10	16QAM	1	25		17.03		
10	16QAM	1	49		17.01		
10	16QAM	25	0		17.27		18.2
10	16QAM	25	12		17.23		
10	16QAM	25	25		17.03		
10	16QAM	50	0		16.92		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.73	17.81	17.75	18.2
5	QPSK	1	12	17.27	17.33	17.25	
5	QPSK	1	24	17.35	17.38	17.41	
5	QPSK	12	0	17.10	17.14	17.13	18.2
5	QPSK	12	7	17.16	17.12	17.09	
5	QPSK	12	13	17.03	17.11	17.10	
5	QPSK	25	0	16.90	16.87	16.87	
5	16QAM	1	0	17.23	17.22	17.17	18.2
5	16QAM	1	12	16.98	16.95	16.98	
5	16QAM	1	24	16.93	16.99	16.93	
5	16QAM	12	0	17.25	17.19	17.25	18.2
5	16QAM	12	7	17.14	17.17	17.18	
5	16QAM	12	13	17.02	16.98	17.00	
5	16QAM	25	0	16.87	16.83	16.86	

8.2.11 LTE Band 38 Output Power

LTE Band 38Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.81	24.04	23.79	
20	QPSK	1	49	23.92	23.90	23.82	24.5
20	QPSK	1	99	23.90	23.67	23.69	
20	QPSK	50	0	22.99	23.04	22.82	23.5
20	QPSK	50	24	22.87	22.83	22.81	
20	QPSK	50	50	22.75	22.87	22.76	
20	QPSK	100	0	22.79	23.11	22.88	
20	16QAM	1	0	22.91	23.01	22.93	23.5
20	16QAM	1	49	22.80	22.86	22.74	
20	16QAM	1	99	22.74	22.69	22.73	
20	16QAM	50	0	22.02	22.00	21.79	22.5
20	16QAM	50	24	21.90	21.85	21.76	
20	16QAM	50	50	21.71	21.78	21.80	
20	16QAM	100	0	21.86	22.11	21.93	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.83	23.88	23.79	24.5
15	QPSK	1	37	23.84	23.81	23.79	
15	QPSK	1	74	23.68	23.53	23.58	
15	QPSK	36	0	22.94	22.94	22.86	23.5
15	QPSK	36	20	22.74	22.59	22.72	
15	QPSK	36	39	22.56	22.67	22.79	
15	QPSK	75	0	22.70	22.96	22.72	
15	16QAM	1	0	22.85	22.95	22.77	23.5
15	16QAM	1	37	22.85	22.79	22.67	
15	16QAM	1	74	22.76	22.64	22.61	
15	16QAM	36	0	21.82	21.90	21.79	22.5
15	16QAM	36	20	21.75	21.60	21.58	
15	16QAM	36	39	21.61	21.60	21.68	
15	16QAM	75	0	21.75	21.98	21.83	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.82	23.92	23.75	24.5
10	QPSK	1	25	23.74	23.88	23.69	
10	QPSK	1	49	23.72	23.45	23.60	
10	QPSK	25	0	22.85	22.91	22.72	23.5
10	QPSK	25	12	22.74	22.66	22.59	
10	QPSK	25	25	22.59	22.76	22.74	
10	QPSK	50	0	22.74	23.02	22.82	
10	16QAM	1	0	22.91	22.97	22.85	23.5
10	16QAM	1	25	22.85	22.81	22.74	
10	16QAM	1	49	22.72	22.63	22.70	
10	16QAM	25	0	21.84	21.93	21.76	22.5
10	16QAM	25	12	21.89	21.66	21.62	
10	16QAM	25	25	21.64	21.60	21.72	
10	16QAM	50	0	21.77	22.01	21.81	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.71	23.93	23.83	24.5
5	QPSK	1	12	23.75	23.90	23.75	
5	QPSK	1	24	23.78	23.49	23.66	
5	QPSK	12	0	22.90	22.96	22.74	23.5

5	QPSK	12	7	22.88	22.66	22.70	
5	QPSK	12	13	22.66	22.73	22.67	
5	QPSK	25	0	22.67	23.06	22.81	
5	16QAM	1	0	22.85	22.85	22.85	23.5
5	16QAM	1	12	22.81	22.72	22.76	
5	16QAM	1	24	22.65	22.59	22.68	
5	16QAM	12	0	21.93	21.90	21.64	22.5
5	16QAM	12	7	21.83	21.68	21.67	
5	16QAM	12	13	21.61	21.70	21.67	
5	16QAM	25	0	21.72	22.08	21.74	

8.2.12 LTE Band 41 Output Power

LTE Band 41 Ant.0-Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle 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	QPSK	1	0	24.02	24.05	24.32	24.10	24.18	24.5
20	QPSK	1	49	24.07	24.03	24.26	24.24	24.07	
20	QPSK	1	99	24.00	24.05	24.12	24.00	24.07	
20	QPSK	50	0	23.00	23.06	23.36	23.08	23.03	23.5
20	QPSK	50	24	23.03	23.07	23.14	23.14	23.05	
20	QPSK	50	50	23.06	23.06	23.14	23.15	22.95	
20	QPSK	100	0	23.11	23.18	23.23	23.04	23.22	
20	16QAM	1	0	23.08	23.27	23.27	23.24	23.12	23.5
20	16QAM	1	49	23.04	23.13	23.13	23.06	23.05	
20	16QAM	1	99	23.04	23.02	23.02	23.06	22.98	
20	16QAM	50	0	22.09	22.09	22.39	22.13	22.07	22.5
20	16QAM	50	24	22.13	22.09	22.25	22.00	22.15	
20	16QAM	50	50	22.12	22.20	22	22.15	22.06	
20	16QAM	100	0	22.36	22.23	22.15	22.22	22.2	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	23.97	23.96	24.12	24.00	24.01	24.50
15	QPSK	1	37	23.94	24.00	24.06	24.09	24.00	
15	QPSK	1	74	23.84	23.84	24.16	23.84	23.89	
15	QPSK	36	0	22.99	22.90	23.16	22.96	22.88	23.5
15	QPSK	36	20	22.91	22.95	23.09	22.93	22.99	
15	QPSK	36	39	22.95	22.90	22.96	23.03	22.88	
15	QPSK	75	0	23.11	23.02	23.09	22.99	23.06	
15	16QAM	1	0	23.04	23.11	23.14	23.17	23.10	23.5
15	16QAM	1	37	23.09	22.95	22.99	23.08	22.91	
15	16QAM	1	74	22.90	22.94	22.94	22.96	22.95	
15	16QAM	36	0	21.92	22.00	22.18	22.11	21.92	22.5
15	16QAM	36	20	22.06	22.09	22.14	21.97	21.92	
15	16QAM	36	39	22.10	22.05	21.90	21.99	21.90	
15	16QAM	75	0	22.18	22.14	21.98	22.02	22.08	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.94	23.97	24.23	24.06	24.01	24.50
10	QPSK	1	25	23.97	23.92	24.15	24.11	24.10	
10	QPSK	1	49	23.93	23.95	24.14	23.92	23.95	
10	QPSK	25	0	22.90	23.02	23.23	23.00	23.02	23.5
10	QPSK	25	12	23.01	23.02	23.13	22.94	23.04	
10	QPSK	25	25	22.94	22.87	22.92	22.94	22.84	
10	QPSK	50	0	23.05	23.11	23.09	22.94	23.03	
10	16QAM	1	0	23.03	23.09	23.17	23.14	23.01	23.5

BL-SH2460232-AP

10	16QAM	1	25	23.10	23.04	22.94	23.04	22.94	
10	16QAM	1	49	22.99	22.89	22.93	22.86	22.97	
10	16QAM	25	0	21.97	22.03	22.23	21.98	21.95	
10	16QAM	25	12	22.02	22.10	22.03	21.87	22.06	22.5
10	16QAM	25	25	22.05	22.01	21.91	22.09	22.01	
10	16QAM	50	0	22.15	22.05	22.11	22.12	22.01	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	23.99	23.95	24.12	24.05	23.97	24.50
5	QPSK	1	12	24.05	23.99	24.13	24.18	24.09	
5	QPSK	1	24	23.91	23.83	24.17	23.83	23.97	
5	QPSK	12	0	22.91	22.94	23.17	22.95	22.98	23.5
5	QPSK	12	7	22.94	23.00	23.05	22.95	22.99	
5	QPSK	12	13	22.89	22.94	23.01	23.04	22.89	
5	QPSK	25	0	23.14	22.99	23.09	23.01	23.08	
5	16QAM	1	0	22.99	23.05	23.17	23.25	23.01	23.5
5	16QAM	1	12	23.02	22.97	23.05	22.99	22.97	
5	16QAM	1	24	22.85	22.91	22.94	22.94	23.00	
5	16QAM	12	0	21.98	21.91	22.30	22.12	22.03	22.5
5	16QAM	12	7	22.10	22.07	22.09	21.88	22.02	
5	16QAM	12	13	21.99	22.14	21.98	21.99	21.90	
5	16QAM	25	0	22.11	22.09	22.02	22.12	22.13	

8.2.13 LTE Band 42 Output Power

LTE Band 42Ant.1-Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42680	42840	43000	43490	
Frequency (MHz)				3460	3509	3525	3541	3590	
20	QPSK	1	0	23.44	23.48	23.80	23.49	23.52	24.5
20	QPSK	1	49	23.50	23.37	23.61	23.69	23.43	
20	QPSK	1	99	23.76	23.68	23.87	23.85	23.70	
20	QPSK	50	0	22.49	22.45	22.74	22.45	22.40	23.5
20	QPSK	50	24	22.52	22.49	22.59	22.53	22.42	
20	QPSK	50	50	22.59	22.43	22.53	22.49	22.41	
20	QPSK	100	0	22.59	22.60	22.71	22.50	22.68	
20	16QAM	1	0	22.51	22.67	22.72	22.67	22.49	23.5
20	16QAM	1	49	22.35	22.51	22.57	22.50	22.38	
20	16QAM	1	99	22.40	22.46	22.40	22.45	22.40	
20	16QAM	50	0	21.52	21.55	21.73	21.46	21.41	22.5
20	16QAM	50	24	21.57	21.52	21.73	21.41	21.59	
20	16QAM	50	50	21.55	21.63	21.37	21.50	21.49	
20	16QAM	100	0	21.63	21.59	21.57	21.58	21.67	
Channel				42165	42670	42840	43010	43515	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3508	3525	3542	3592.5	
15	QPSK	1	0	23.26	23.36	23.57	23.32	23.32	24.5
15	QPSK	1	37	23.32	23.26	23.46	23.60	23.30	
15	QPSK	1	74	23.64	23.49	23.67	23.62	23.60	
15	QPSK	36	0	22.39	22.22	22.61	22.28	22.22	23.5
15	QPSK	36	20	22.35	22.32	22.38	22.34	22.26	
15	QPSK	36	39	22.46	22.30	22.34	22.27	22.17	
15	QPSK	75	0	22.46	22.39	22.35	22.40	22.52	
15	16QAM	1	0	22.38	22.58	22.59	22.55	22.33	23.5
15	16QAM	1	37	22.13	22.38	22.36	22.34	22.17	
15	16QAM	1	74	22.21	22.35	22.18	22.25	22.29	
15	16QAM	36	0	21.38	21.39	21.63	21.34	21.27	22.5
15	16QAM	36	20	21.35	21.31	21.60	21.19	21.40	

15	16QAM	36	39	21.41	21.40	21.23	21.31	21.30	
15	16QAM	75	0	21.54	21.44	21.42	21.48	21.55	
Channel				42140	42665	42840	43015	43540	Tune-up limit (dBm)
Frequency (MHz)				3455	3507.5	3525	3542.5	3595	
10	QPSK	1	0	23.26	23.32	23.71	23.34	23.29	24.5
10	QPSK	1	25	23.31	23.31	23.37	23.55	23.27	
10	QPSK	1	49	23.58	23.56	23.75	23.72	23.58	
10	QPSK	25	0	22.26	22.21	22.63	22.28	22.18	23.5
10	QPSK	25	12	22.39	22.38	22.43	22.36	22.25	
10	QPSK	25	25	22.44	22.25	22.32	22.38	22.33	
10	QPSK	50	0	22.49	22.51	22.40	22.42	22.55	
10	16QAM	1	0	22.31	22.43	22.54	22.55	22.39	23.5
10	16QAM	1	25	22.14	22.27	22.44	22.31	22.21	
10	16QAM	1	49	22.28	22.35	22.16	22.30	22.18	
10	16QAM	25	0	21.30	21.46	21.65	21.28	21.23	22.5
10	16QAM	25	12	21.43	21.32	21.56	21.29	21.47	
10	16QAM	25	25	21.36	21.51	21.26	21.34	21.33	
10	16QAM	50	0	21.45	21.37	21.35	21.36	21.58	
Channel				42115	42660	42840	43020	43565	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3507	3525	3543	3597.5	
5	QPSK	1	0	23.22	23.26	23.64	23.36	23.36	24.5
5	QPSK	1	12	23.33	23.30	23.39	23.45	23.23	
5	QPSK	1	24	23.61	23.53	23.71	23.71	23.48	
5	QPSK	12	0	22.30	22.28	22.63	22.36	22.28	23.5
5	QPSK	12	7	22.28	22.35	22.45	22.39	22.20	
5	QPSK	12	13	22.50	22.29	22.34	22.38	22.29	
5	QPSK	25	0	22.37	22.36	22.33	22.38	22.58	
5	16QAM	1	0	22.41	22.46	22.48	22.45	22.30	23.5
5	16QAM	1	12	22.15	22.28	22.46	22.30	22.19	
5	16QAM	1	24	22.26	22.27	22.17	22.21	22.18	
5	16QAM	12	0	21.29	21.46	21.51	21.37	21.32	22.5
5	16QAM	12	7	21.35	21.35	21.49	21.27	21.45	
5	16QAM	12	13	21.44	21.52	21.18	21.34	21.39	
5	16QAM	25	0	21.42	21.39	21.42	21.43	21.46	

8.2.14 LTE Band 43 Output Power

LTE Band 43(3600-3650) Ant.1-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				43690	43840	43990	
Frequency (MHz)				3610	3625	3640	
20	QPSK	1	0	23.64	23.72	24.04	24.5
20	QPSK	1	49	23.69	23.58	23.73	
20	QPSK	1	99	23.94	23.9	24.02	
20	QPSK	50	0	22.61	22.56	22.99	23.5
20	QPSK	50	24	22.72	22.67	22.79	
20	QPSK	50	50	22.78	22.6	22.65	
20	QPSK	100	0	22.79	22.7	22.8	
20	16QAM	1	0	22.63	22.78	22.9	23.5
20	16QAM	1	49	22.57	22.63	22.78	
20	16QAM	1	99	22.54	22.56	22.53	
20	16QAM	50	0	21.74	21.68	21.86	22.5
20	16QAM	50	24	21.81	21.71	21.95	
20	16QAM	50	50	21.8	21.84	21.5	
20	16QAM	100	0	21.88	21.82	21.8	
Channel				43665	43840	44015	Tune-up limit (dBm)
Frequency (MHz)				3607.5	3625	3642.5	
15	QPSK	1	0	23.47	23.60	23.95	24.5

BL-SH2460232-AP

15	QPSK	1	37	23.67	23.55	23.67	
15	QPSK	1	74	23.91	23.84	23.91	
15	QPSK	36	0	22.44	22.49	22.90	
15	QPSK	36	20	22.57	22.57	22.75	23.5
15	QPSK	36	39	22.63	22.44	22.57	
15	QPSK	75	0	22.62	22.54	22.75	
15	16QAM	1	0	22.48	22.70	22.75	23.5
15	16QAM	1	37	22.44	22.54	22.65	
15	16QAM	1	74	22.45	22.54	22.50	
15	16QAM	36	0	21.65	21.52	21.70	22.5
15	16QAM	36	20	21.69	21.63	21.83	
15	16QAM	36	39	21.74	21.69	21.46	
15	16QAM	75	0	21.73	21.67	21.66	
Channel				43640	43840	44040	Tune-up limit (dBm)
Frequency (MHz)				3605	3625	3645	
10	QPSK	1	0	23.62	23.54	23.96	24.5
10	QPSK	1	25	23.52	23.50	23.61	
10	QPSK	1	49	23.86	23.80	23.96	
10	QPSK	25	0	22.46	22.46	22.90	23.5
10	QPSK	25	12	22.60	22.58	22.67	
10	QPSK	25	25	22.74	22.48	22.62	
10	QPSK	50	0	22.69	22.62	22.65	
10	16QAM	1	0	22.55	22.67	22.76	23.5
10	16QAM	1	25	22.52	22.50	22.70	
10	16QAM	1	49	22.41	22.39	22.36	
10	16QAM	25	0	21.60	21.55	21.81	22.5
10	16QAM	25	12	21.69	21.59	21.81	
10	16QAM	25	25	21.71	21.77	21.39	
10	16QAM	50	0	21.71	21.74	21.75	
Channel				43615	43840	44065	Tune-up limit (dBm)
Frequency (MHz)				3602.5	3625	3647.5	
5	QPSK	1	0	23.54	23.56	23.95	24.5
5	QPSK	1	12	23.61	23.50	23.57	
5	QPSK	1	24	23.80	23.81	23.97	
5	QPSK	12	0	22.44	22.51	22.84	23.5
5	QPSK	12	7	22.55	22.54	22.70	
5	QPSK	12	13	22.66	22.57	22.54	
5	QPSK	25	0	22.64	22.53	22.69	
5	16QAM	1	0	22.54	22.68	22.77	23.5
5	16QAM	1	12	22.43	22.51	22.62	
5	16QAM	1	24	22.49	22.51	22.40	
5	16QAM	12	0	21.65	21.61	21.68	22.5
5	16QAM	12	7	21.74	21.53	21.90	
5	16QAM	12	13	21.69	21.80	21.45	
5	16QAM	25	0	21.75	21.67	21.75	

LTE Band 43(3650-3700) Ant.1-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44190	44340	44490	
Frequency (MHz)				3660	3675	3690	
20	QPSK	1	0	23.92	23.93	23.86	24.5
20	QPSK	1	49	23.75	23.76	23.6	
20	QPSK	1	99	23.69	23.79	23.58	
20	QPSK	50	0	22.82	22.83	22.77	23.5
20	QPSK	50	24	22.74	22.61	22.51	
20	QPSK	50	50	22.67	22.67	22.51	
20	QPSK	100	0	22.58	22.81	22.73	
20	16QAM	1	0	22.75	22.84	22.51	23.5
20	16QAM	1	49	22.74	22.55	22.44	

20	16QAM	1	99	22.49	22.5	22.42	
20	16QAM	50	0	21.9	21.6	21.46	22.5
20	16QAM	50	24	21.76	21.53	21.75	
20	16QAM	50	50	21.4	21.54	21.6	
20	16QAM	100	0	21.63	21.69	21.77	
Channel				44165	44340	44515	Tune-up limit (dBm)
Frequency (MHz)				3657.5	3675	3692.5	
15	QPSK	1	0	23.85	23.76	23.66	24.5
15	QPSK	1	37	23.56	23.66	23.40	
15	QPSK	1	74	23.62	23.73	23.42	
15	QPSK	36	0	22.68	22.33	22.42	23.5
15	QPSK	36	20	22.68	22.49	22.35	
15	QPSK	36	39	22.52	22.51	22.46	
15	QPSK	75	0	22.38	22.47	22.53	
15	16QAM	1	0	22.70	22.75	22.38	23.5
15	16QAM	1	37	22.58	22.47	22.33	
15	16QAM	1	74	22.43	22.36	22.33	
15	16QAM	36	0	21.82	21.44	21.39	22.5
15	16QAM	36	20	21.71	21.44	21.60	
15	16QAM	36	39	21.45	21.55	21.55	
15	16QAM	75	0	21.46	21.52	21.66	
Channel				44140	44340	44540	Tune-up limit (dBm)
Frequency (MHz)				3655	3675	3695	
10	QPSK	1	0	23.82	23.71	23.67	24.5
10	QPSK	1	25	23.69	23.65	23.50	
10	QPSK	1	49	23.48	23.60	23.41	
10	QPSK	25	0	22.65	22.43	22.40	23.5
10	QPSK	25	12	22.68	22.52	22.39	
10	QPSK	25	25	22.52	22.59	22.46	
10	QPSK	50	0	22.53	22.42	22.63	
10	16QAM	1	0	22.66	22.64	22.33	23.5
10	16QAM	1	25	22.65	22.35	22.30	
10	16QAM	1	49	22.42	22.41	22.32	
10	16QAM	25	0	21.82	21.39	21.34	22.5
10	16QAM	25	12	21.68	21.40	21.57	
10	16QAM	25	25	21.33	21.47	21.50	
10	16QAM	50	0	21.47	21.61	21.65	
Channel				44115	44340	44565	Tune-up limit (dBm)
Frequency (MHz)				3652.5	3675	3697.5	
5	QPSK	1	0	23.83	23.74	23.71	24.5
5	QPSK	1	12	23.59	23.63	23.50	
5	QPSK	1	24	23.59	23.73	23.49	
5	QPSK	12	0	22.69	22.38	22.35	23.5
5	QPSK	12	7	22.64	22.53	22.44	
5	QPSK	12	13	22.49	22.46	22.32	
5	QPSK	25	0	22.41	22.46	22.56	
5	16QAM	1	0	22.60	22.70	22.43	23.5
5	16QAM	1	12	22.57	22.45	22.37	
5	16QAM	1	24	22.42	22.37	22.24	
5	16QAM	12	0	21.73	21.51	21.32	22.5
5	16QAM	12	7	21.58	21.41	21.56	
5	16QAM	12	13	21.23	21.36	21.40	
5	16QAM	25	0	21.52	21.55	21.61	

8.2.15 LTE Band 48 Output Power

LTE Band 48 Ant.1-Full Power									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	23.9	23.66	23.79	23.96	23.8	24.5
20	QPSK	1	49	23.87	23.78	23.84	23.92	23.7	
20	QPSK	1	99	23.77	23.77	24.07	23.67	23.75	
20	QPSK	50	0	22.78	22.73	23.07	22.86	22.74	23.5
20	QPSK	50	24	22.94	22.81	22.82	22.79	22.81	
20	QPSK	50	50	22.91	22.70	22.89	22.87	22.68	
20	QPSK	100	0	22.84	22.95	22.95	22.73	22.91	23.5
20	16QAM	1	0	22.94	23.04	22.9	22.97	22.76	
20	16QAM	1	49	22.64	22.91	22.76	22.83	22.8	
20	16QAM	1	99	22.81	22.79	22.67	22.72	22.74	22.5
20	16QAM	50	0	21.9	21.75	22.12	21.80	21.79	
20	16QAM	50	24	21.75	21.80	21.9	21.64	21.84	
20	16QAM	50	50	21.85	21.89	21.68	21.89	21.77	22.5
20	16QAM	100	0	22	21.89	21.92	22.00	21.84	
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	23.84	23.54	23.74	23.81	23.62	24.5
15	QPSK	1	37	23.76	23.62	23.70	23.76	23.66	
15	QPSK	1	74	23.68	23.57	24.02	23.62	23.58	
15	QPSK	36	0	22.72	22.57	22.94	22.81	22.63	23.5
15	QPSK	36	20	22.86	22.68	22.75	22.60	22.72	
15	QPSK	36	39	22.82	22.56	22.77	22.80	22.61	
15	QPSK	75	0	22.71	22.78	22.85	22.59	22.83	23.5
15	16QAM	1	0	22.81	22.86	22.79	22.78	22.66	
15	16QAM	1	37	22.56	22.82	22.58	22.77	22.70	
15	16QAM	1	74	22.65	22.63	22.60	22.53	22.65	22.5
15	16QAM	36	0	21.78	21.61	21.96	21.61	21.64	
15	16QAM	36	20	21.59	21.70	21.80	21.59	21.67	
15	16QAM	36	39	21.71	21.75	21.59	21.72	21.69	22.5
15	16QAM	75	0	21.93	21.82	21.77	21.81	21.73	
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	23.86	23.88	23.59	23.88	23.65	24.5
10	QPSK	1	25	23.76	23.69	23.78	23.86	23.52	
10	QPSK	1	49	23.71	23.63	24.01	23.60	23.56	
10	QPSK	25	0	22.59	22.63	22.95	22.82	22.63	23.5
10	QPSK	25	12	22.77	22.70	22.78	22.64	22.70	
10	QPSK	25	25	22.71	22.57	22.76	22.73	22.63	
10	QPSK	50	0	22.67	22.77	22.91	22.59	22.76	23.5
10	16QAM	1	0	22.77	22.87	22.72	22.83	22.65	
10	16QAM	1	25	22.57	22.75	22.64	22.74	22.72	
10	16QAM	1	49	22.68	22.71	22.60	22.55	22.68	22.5
10	16QAM	25	0	21.82	21.59	22.02	21.65	21.66	
10	16QAM	25	12	21.60	21.61	21.77	21.53	21.65	
10	16QAM	25	25	21.79	21.77	21.52	21.74	21.59	22.5
10	16QAM	50	0	21.87	21.78	21.75	21.88	21.69	
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	23.71	23.53	23.73	23.91	23.69	24.5
5	QPSK	1	12	23.69	23.68	23.65	23.80	23.52	
5	QPSK	1	24	23.64	23.71	23.96	23.56	23.55	

BL-SH2460232-AP

5	QPSK	12	0	22.68	22.66	23.02	22.73	22.59	23.5
5	QPSK	12	7	22.89	22.73	22.71	22.72	22.63	
5	QPSK	12	13	22.77	22.53	22.71	22.78	22.58	
5	QPSK	25	0	22.74	22.79	22.86	22.58	22.81	
5	16QAM	1	0	22.83	22.84	22.81	22.77	22.58	23.5
5	16QAM	1	12	22.53	22.78	22.61	22.72	22.75	
5	16QAM	1	24	22.62	22.61	22.50	22.66	22.63	
5	16QAM	12	0	21.76	21.65	21.89	21.68	21.73	22.5
5	16QAM	12	7	21.55	21.61	21.71	21.52	21.72	
5	16QAM	12	13	21.74	21.72	21.57	21.83	21.71	
5	16QAM	25	0	21.94	21.76	21.77	21.91	21.74	

LTE Band 48 Ant.1-Table 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.9	21.66	21.79	21.76	21.8	22.5
20	QPSK	1	49	21.87	21.78	21.99	21.92	21.7	
20	QPSK	1	99	21.77	21.77	21.88	21.67	21.75	
20	QPSK	50	0	21.18	21.13	21.04	21.26	21.14	22.5
20	QPSK	50	24	21.34	21.21	21.22	21.19	21.21	
20	QPSK	50	50	21.31	21.10	21.29	21.27	21.08	
20	QPSK	100	0	21.24	21.35	21.35	21.13	21.31	22.5
20	16QAM	1	0	21.34	21.44	21.3	21.37	21.16	
20	16QAM	1	49	21.04	21.31	21.16	21.23	21.2	
20	16QAM	1	99	21.21	21.19	21.07	21.12	21.14	22.5
20	16QAM	50	0	21.6	21.45	21.38	21.50	21.49	
20	16QAM	50	24	21.45	21.50	21.6	21.34	21.54	
20	16QAM	50	50	21.55	21.59	21.38	21.59	21.47	22.5
20	16QAM	100	0	21.7	21.59	21.62	21.70	21.54	
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.88	21.63	21.71	21.87	21.78	22.5
15	QPSK	1	37	21.86	21.77	21.77	21.88	21.61	
15	QPSK	1	74	21.74	21.68	21.66	21.64	21.73	
15	QPSK	36	0	21.13	21.04	21.46	21.21	21.13	22.5
15	QPSK	36	20	21.24	21.20	21.19	21.11	21.15	
15	QPSK	36	39	21.29	21.03	21.26	21.24	21.06	
15	QPSK	75	0	21.23	21.25	21.32	21.11	21.29	22.5
15	16QAM	1	0	21.54	21.71	21.53	21.57	21.38	
15	16QAM	1	37	21.31	21.57	21.43	21.46	21.43	
15	16QAM	1	74	21.44	21.48	21.32	21.38	21.34	22.5
15	16QAM	36	0	21.54	21.43	21.36	21.47	21.48	
15	16QAM	36	20	21.39	21.45	21.50	21.26	21.53	
15	16QAM	36	39	21.52	21.49	21.34	21.53	21.41	22.5
15	16QAM	75	0	21.69	21.49	21.59	21.66	21.44	
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	
10	QPSK	1	0	21.80	21.61	21.74	21.64	21.72	22.5
10	QPSK	1	25	21.77	21.75	21.82	21.87	21.62	
10	QPSK	1	49	21.71	21.70	21.62	21.65	21.68	
10	QPSK	25	0	21.46	21.36	21.69	21.46	21.41	22.5
10	QPSK	25	12	21.63	21.42	21.45	21.41	21.47	
10	QPSK	25	25	21.58	21.39	21.55	21.49	21.31	
10	QPSK	50	0	21.50	21.60	21.59	21.34	21.53	22.5
10	16QAM	1	0	21.63	21.73	21.52	21.66	21.43	
10	16QAM	1	25	21.33	21.60	21.44	21.46	21.42	
10	16QAM	1	49	21.41	21.44	21.27	21.40	21.41	

10	16QAM	25	0	21.57	21.44	21.35	21.46	21.40	22.5
10	16QAM	25	12	21.36	21.44	21.59	21.26	21.50	
10	16QAM	25	25	21.54	21.56	21.29	21.58	21.40	
10	16QAM	50	0	21.61	21.51	21.60	21.60	21.52	
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.84	21.61	21.69	21.88	21.73	22.5
5	QPSK	1	12	21.82	21.74	21.74	21.88	21.64	
5	QPSK	1	24	21.75	21.71	21.59	21.65	21.73	
5	QPSK	12	0	21.44	21.36	21.71	21.49	21.43	22.5
5	QPSK	12	7	21.55	21.45	21.45	21.46	21.41	
5	QPSK	12	13	21.56	21.35	21.56	21.52	21.30	
5	QPSK	25	0	21.50	21.55	21.55	21.39	21.51	
5	16QAM	1	0	21.60	21.71	21.58	21.63	21.39	22.5
5	16QAM	1	12	21.25	21.57	21.45	21.48	21.49	
5	16QAM	1	24	21.41	21.41	21.30	21.39	21.42	
5	16QAM	12	0	21.27	21.12	21.44	21.10	21.10	22.5
5	16QAM	12	7	21.05	21.19	21.21	20.94	21.20	
5	16QAM	12	13	21.21	21.26	21.07	21.28	21.15	
5	16QAM	25	0	21.31	21.27	21.31	21.30	21.23	

LTE Band 48 Ant.1-Table 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	55990	56150	56640	
Frequency (MHz)				3560	3609	3625	3641	3690	
20	QPSK	1	0	21.4	21.16	21.29	21.46	21.3	22
20	QPSK	1	49	21.37	21.28	21.34	21.42	21.2	
20	QPSK	1	99	21.27	21.27	21.57	21.17	21.25	
20	QPSK	50	0	20.78	20.73	21.07	20.86	20.74	22
20	QPSK	50	24	20.94	20.81	20.82	20.79	20.81	
20	QPSK	50	50	20.91	20.70	20.99	20.87	20.68	
20	QPSK	100	0	20.84	20.95	20.95	20.73	20.91	
20	16QAM	1	0	20.94	21.04	20.9	20.97	20.76	22
20	16QAM	1	49	20.64	20.91	20.76	20.83	20.8	
20	16QAM	1	99	20.81	20.79	20.67	20.72	20.74	
20	16QAM	50	0	20.9	20.75	21.12	20.80	20.79	22
20	16QAM	50	24	20.75	20.80	20.9	20.64	20.84	
20	16QAM	50	50	20.85	20.89	20.68	20.89	20.77	
20	16QAM	100	0	21	20.89	20.92	21.00	20.84	
Channel				55315	55820	55990	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3625	3642	3692.5	
15	QPSK	1	0	21.30	21.11	21.19	21.43	21.25	22
15	QPSK	1	37	21.36	21.25	21.29	21.36	21.15	
15	QPSK	1	74	21.23	21.25	21.53	21.13	21.19	
15	QPSK	36	0	20.75	20.69	21.04	20.76	20.70	22
15	QPSK	36	20	20.89	20.78	20.77	20.69	20.72	
15	QPSK	36	39	20.83	20.61	20.80	20.81	20.62	
15	QPSK	75	0	20.79	20.91	20.91	20.72	20.85	
15	16QAM	1	0	20.93	20.98	20.81	20.91	20.72	22
15	16QAM	1	37	20.58	20.90	20.72	20.75	20.70	
15	16QAM	1	74	20.72	20.76	20.57	20.68	20.66	
15	16QAM	36	0	20.84	20.71	21.10	20.72	20.78	22
15	16QAM	36	20	20.73	20.76	20.86	20.54	20.75	
15	16QAM	36	39	20.77	20.87	20.67	20.81	20.75	
15	16QAM	75	0	20.96	20.83	20.87	20.93	20.83	
Channel				55290	55815	55990	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3625	3642.5	3695	

BL-SH2460232-AP

10	QPSK	1	0	21.39	21.10	21.20	21.40	21.23	22
10	QPSK	1	25	21.28	21.24	21.26	21.38	21.17	
10	QPSK	1	49	21.25	21.21	21.48	21.15	21.17	
10	QPSK	25	0	20.77	20.66	21.02	20.83	20.73	22
10	QPSK	25	12	20.91	20.76	20.75	20.72	20.80	
10	QPSK	25	25	20.84	20.62	20.80	20.77	20.59	
10	QPSK	50	0	20.83	20.88	20.93	20.69	20.85	
10	16QAM	1	0	20.85	20.98	20.85	20.89	20.70	22
10	16QAM	1	25	20.63	20.90	20.74	20.75	20.71	
10	16QAM	1	49	20.71	20.76	20.60	20.62	20.64	
10	16QAM	25	0	20.85	20.67	21.09	20.74	20.73	22
10	16QAM	25	12	20.69	20.73	20.81	20.58	20.76	
10	16QAM	25	25	20.82	20.80	20.59	20.81	20.69	
10	16QAM	50	0	20.93	20.88	20.91	20.94	20.77	
Channel				55265	55810	55990	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3625	3643	3697.5	
5	QPSK	1	0	21.36	21.12	21.23	21.43	21.25	22
5	QPSK	1	12	21.31	21.19	21.29	21.41	21.14	
5	QPSK	1	24	21.20	21.21	21.54	21.07	21.22	
5	QPSK	12	0	20.70	20.69	20.97	20.77	20.67	22
5	QPSK	12	7	20.92	20.72	20.76	20.69	20.75	
5	QPSK	12	13	20.83	20.60	20.84	20.83	20.58	
5	QPSK	25	0	20.74	20.88	20.90	20.66	20.85	
5	16QAM	1	0	20.86	20.96	20.83	20.92	20.70	22
5	16QAM	1	12	20.54	20.82	20.73	20.74	20.74	
5	16QAM	1	24	20.73	20.71	20.63	20.66	20.67	
5	16QAM	12	0	20.87	20.66	21.05	20.71	20.73	22
5	16QAM	12	7	20.70	20.76	20.86	20.58	20.77	
5	16QAM	12	13	20.80	20.82	20.58	20.82	20.69	
5	16QAM	25	0	20.97	20.83	20.82	20.94	20.75	

8.2.16 LTE Band 66 Output Power

LTE Band 66Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.45	23.49	23.38	24.5
20	QPSK	1	49	23.43	23.44	23.34	
20	QPSK	1	99	23.37	23.28	23.3	
20	QPSK	50	0	22.55	22.58	22.55	23.5
20	QPSK	50	24	22.54	22.31	22.31	
20	QPSK	50	50	22.35	22.35	22.33	
20	QPSK	100	0	22.48	22.65	22.44	
20	16QAM	1	0	22.54	22.53	22.42	23.5
20	16QAM	1	49	22.44	22.53	22.44	
20	16QAM	1	99	22.43	22.22	22.3	
20	16QAM	50	0	21.5	21.55	21.36	22.5
20	16QAM	50	24	21.48	21.44	21.34	
20	16QAM	50	50	21.24	21.28	21.31	
20	16QAM	100	0	21.46	21.72	21.56	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.37	23.45	23.28	24.5
15	QPSK	1	37	23.38	23.38	23.27	
15	QPSK	1	74	23.23	23.24	23.26	
15	QPSK	36	0	22.43	22.48	22.45	23.5
15	QPSK	36	20	22.39	22.20	22.17	
15	QPSK	36	39	22.24	22.29	22.26	
15	QPSK	75	0	22.44	22.53	22.35	
15	16QAM	1	0	22.43	22.49	22.25	23.5
15	16QAM	1	37	22.34	22.50	22.34	
15	16QAM	1	74	22.30	22.17	22.23	
15	16QAM	36	0	21.43	21.40	21.29	22.5
15	16QAM	36	20	21.34	21.26	21.24	
15	16QAM	36	39	21.21	21.16	21.27	
15	16QAM	75	0	21.34	21.63	21.41	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.38	23.39	23.30	24.5
10	QPSK	1	25	23.25	23.39	23.26	
10	QPSK	1	49	23.24	23.18	23.26	
10	QPSK	25	0	22.48	22.47	22.44	23.5
10	QPSK	25	12	22.47	22.27	22.18	
10	QPSK	25	25	22.33	22.27	22.30	
10	QPSK	50	0	22.38	22.50	22.41	
10	16QAM	1	0	22.46	22.45	22.36	23.5
10	16QAM	1	25	22.39	22.50	22.40	
10	16QAM	1	49	22.36	22.12	22.18	
10	16QAM	25	0	21.36	21.46	21.30	22.5
10	16QAM	25	12	21.33	21.40	21.27	
10	16QAM	25	25	21.12	21.12	21.28	
10	16QAM	50	0	21.30	21.59	21.50	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.36	23.40	23.36	24.5
5	QPSK	1	12	23.26	23.33	23.28	
5	QPSK	1	24	23.22	23.13	23.18	
5	QPSK	12	0	22.41	22.44	22.39	23.5

5	QPSK	12	7	22.43	22.21	22.17	
5	QPSK	12	13	22.21	22.29	22.16	
5	QPSK	25	0	22.37	22.49	22.26	
5	16QAM	1	0	22.46	22.36	22.25	23.5
5	16QAM	1	12	22.39	22.42	22.37	
5	16QAM	1	24	22.32	22.19	22.19	
5	16QAM	12	0	21.38	21.53	21.28	22.5
5	16QAM	12	7	21.39	21.36	21.27	
5	16QAM	12	13	21.08	21.15	21.26	
5	16QAM	25	0	21.29	21.56	21.41	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.29	23.45	23.26	24.5
3	QPSK	1	8	23.33	23.33	23.23	
3	QPSK	1	14	23.29	23.16	23.14	
3	QPSK	8	0	22.51	22.45	22.41	23.5
3	QPSK	8	4	22.47	22.23	22.20	
3	QPSK	8	7	22.26	22.31	22.16	
3	QPSK	15	0	22.43	22.56	22.39	
3	16QAM	1	0	22.49	22.48	22.28	23.5
3	16QAM	1	8	22.35	22.45	22.37	
3	16QAM	1	14	22.37	22.16	22.28	
3	16QAM	8	0	21.44	21.39	21.24	22.5
3	16QAM	8	4	21.41	21.36	21.19	
3	16QAM	8	7	21.13	21.20	21.20	
3	16QAM	15	0	21.41	21.60	21.44	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.43	23.44	23.27	24.5
1.4	QPSK	1	3	23.30	23.41	23.18	
1.4	QPSK	1	5	23.21	23.19	23.19	
1.4	QPSK	3	0	23.34	23.41	23.22	
1.4	QPSK	3	1	23.27	23.32	23.19	
1.4	QPSK	3	3	23.32	23.18	23.20	
1.4	QPSK	6	0	22.46	22.53	22.41	23.5
1.4	16QAM	1	0	22.39	22.44	22.33	23.5
1.4	16QAM	1	3	22.29	22.51	22.35	
1.4	16QAM	1	5	22.38	22.13	22.26	
1.4	16QAM	3	0	22.41	22.46	22.28	
1.4	16QAM	3	1	22.39	22.44	22.39	
1.4	16QAM	3	3	22.34	22.11	22.28	
1.4	16QAM	6	0	21.42	21.61	21.52	22.5

LTE Band 66 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	14.40	14.62	14.28	15.5
20	QPSK	1	49	14.43	14.44	14.34	
20	QPSK	1	99	14.37	14.28	14.3	
20	QPSK	50	0	14.55	14.58	14.55	15.5
20	QPSK	50	24	14.54	14.31	14.31	
20	QPSK	50	50	14.35	14.35	14.33	
20	QPSK	100	0	14.48	14.41	14.44	
20	16QAM	1	0	14.54	14.53	14.42	15.5
20	16QAM	1	49	14.44	14.53	14.44	
20	16QAM	1	99	14.43	14.22	14.3	
20	16QAM	50	0	14.2	14.21	14.02	15.5
20	16QAM	50	24	14.1	14.16	14	

20	16QAM	50	50	13.89	14.07	14	
20	16QAM	100	0	14.19	14.42	14.19	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	14.4	14.47	14.34	15.5
15	QPSK	1	37	14.36	14.36	14.25	
15	QPSK	1	74	14.36	14.21	14.27	
15	QPSK	36	0	14.45	14.49	14.46	15.5
15	QPSK	36	20	14.48	14.26	14.21	
15	QPSK	36	39	14.33	14.31	14.3	
15	QPSK	75	0	14.44	14.42	14.34	
15	16QAM	1	0	14.53	14.46	14.37	15.5
15	16QAM	1	37	14.37	14.46	14.36	
15	16QAM	1	74	14.4	14.19	14.24	
15	16QAM	36	0	14.17	14.11	13.95	15.5
15	16QAM	36	20	14.05	14.09	13.95	
15	16QAM	36	39	13.83	14.03	13.99	
15	16QAM	75	0	14.16	14.41	14.12	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	14.36	14.44	14.35	15.5
10	QPSK	1	25	14.35	14.35	14.27	
10	QPSK	1	49	14.31	14.26	14.22	
10	QPSK	25	0	14.48	14.51	14.5	15.5
10	QPSK	25	12	14.53	14.3	14.25	
10	QPSK	25	25	14.32	14.29	14.27	
10	QPSK	50	0	14.43	14.55	14.35	
10	16QAM	1	0	14.45	14.49	14.39	15.5
10	16QAM	1	25	14.36	14.44	14.38	
10	16QAM	1	49	14.33	14.15	14.2	
10	16QAM	25	0	14.14	14.12	13.99	15.5
10	16QAM	25	12	14.09	14.07	13.96	
10	16QAM	25	25	13.84	14.04	13.9	
10	16QAM	50	0	14.14	14.4	14.15	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	14.41	14.39	14.33	15.5
5	QPSK	1	12	14.39	14.38	14.28	
5	QPSK	1	24	14.28	14.24	14.21	
5	QPSK	12	0	14.46	14.5	14.48	15.5
5	QPSK	12	7	14.46	14.23	14.22	
5	QPSK	12	13	14.28	14.32	14.29	
5	QPSK	25	0	14.43	14.4	14.4	
5	16QAM	1	0	14.49	14.46	14.34	15.5
5	16QAM	1	12	14.42	14.46	14.38	
5	16QAM	1	24	14.4	14.16	14.29	
5	16QAM	12	0	14.13	14.18	13.93	15.5
5	16QAM	12	7	14.01	14.15	13.99	
5	16QAM	12	13	13.88	14.02	13.97	
5	16QAM	25	0	14.17	14.33	14.1	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	14.44	14.47	14.3	15.5
3	QPSK	1	8	14.34	14.39	14.28	
3	QPSK	1	14	14.3	14.19	14.21	
3	QPSK	8	0	14.47	14.55	14.53	15.5
3	QPSK	8	4	14.52	14.28	14.23	
3	QPSK	8	7	14.33	14.26	14.23	
3	QPSK	15	0	14.38	14.38	14.37	
3	16QAM	1	0	14.44	14.49	14.41	15.5

3	16QAM	1	8	14.4	14.46	14.42	
3	16QAM	1	14	14.36	14.21	14.25	
3	16QAM	8	0	14.11	14.18	13.97	15.5
3	16QAM	8	4	14.03	14.06	13.91	
3	16QAM	8	7	13.85	14.01	13.9	
3	16QAM	15	0	14.09	14.39	14.14	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	14.41	14.43	14.31	15.5
1.4	QPSK	1	3	14.39	14.4	14.24	
1.4	QPSK	1	5	14.28	14.21	14.28	
1.4	QPSK	3	0	14.5	14.56	14.51	
1.4	QPSK	3	1	14.48	14.21	14.24	
1.4	QPSK	3	3	14.29	14.34	14.24	
1.4	QPSK	6	0	14.45	14.57	14.42	15.5
1.4	16QAM	1	0	14.44	14.52	14.33	15.5
1.4	16QAM	1	3	14.37	14.45	14.34	
1.4	16QAM	1	5	14.36	14.19	14.2	
1.4	16QAM	3	0	14.12	14.12	13.96	
1.4	16QAM	3	1	14.09	14.07	13.99	
1.4	16QAM	3	3	13.83	14.03	13.92	
1.4	16QAM	6	0	14.41	14.4	14.33	15.5

LTE Band 66 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	12.95	13.12	12.88	14
20	QPSK	1	49	12.93	12.94	12.84	
20	QPSK	1	99	12.87	12.78	12.8	
20	QPSK	50	0	13.05	13.08	13.05	14
20	QPSK	50	24	13.04	12.81	12.81	
20	QPSK	50	50	12.85	12.85	12.83	
20	QPSK	100	0	12.98	12.91	12.94	
20	16QAM	1	0	13.04	13.03	12.92	14
20	16QAM	1	49	12.94	13.03	12.94	
20	16QAM	1	99	12.93	12.72	12.8	
20	16QAM	50	0	12.7	12.71	12.52	14
20	16QAM	50	24	12.6	12.66	12.50	
20	16QAM	50	50	12.39	12.57	12.50	
20	16QAM	100	0	12.69	12.92	12.69	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	12.87	13.09	12.86	14
15	QPSK	1	37	12.90	12.88	12.82	
15	QPSK	1	74	12.85	12.76	12.71	
15	QPSK	36	0	13.02	13.07	13.03	14
15	QPSK	36	20	12.99	12.77	12.78	
15	QPSK	36	39	12.79	12.81	12.78	
15	QPSK	75	0	12.89	12.85	12.84	
15	16QAM	1	0	13.03	12.96	12.90	14
15	16QAM	1	37	12.91	12.93	12.93	
15	16QAM	1	74	12.88	12.71	12.70	
15	16QAM	36	0	12.61	12.69	12.49	14
15	16QAM	36	20	12.54	12.63	12.48	
15	16QAM	36	39	12.31	12.53	12.44	
15	16QAM	75	0	12.63	12.89	12.60	
Channel				132022	132322	132622	

Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)
10	QPSK	1	0	12.88	13.09	12.80	14
10	QPSK	1	25	12.83	12.87	12.74	
10	QPSK	1	49	12.79	12.69	12.79	
10	QPSK	25	0	13.03	13.04	12.95	14
10	QPSK	25	12	12.96	12.79	12.71	
10	QPSK	25	25	12.84	12.75	12.79	
10	QPSK	50	0	12.96	12.84	12.85	
10	16QAM	1	0	12.98	12.96	12.84	14
10	16QAM	1	25	12.88	12.97	12.91	
10	16QAM	1	49	12.89	12.71	12.73	
10	16QAM	25	0	12.63	12.63	12.45	14
10	16QAM	25	12	12.58	12.63	12.42	
10	16QAM	25	25	12.37	12.54	12.49	
10	16QAM	50	0	12.63	12.83	12.59	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	12.92	13.08	12.85	14
5	QPSK	1	12	12.92	12.92	12.74	
5	QPSK	1	24	12.86	12.75	12.74	
5	QPSK	12	0	13.02	13.03	12.98	14
5	QPSK	12	7	12.98	12.77	12.79	
5	QPSK	12	13	12.82	12.84	12.82	
5	QPSK	25	0	12.93	12.85	12.93	
5	16QAM	1	0	13.02	12.99	12.86	14
5	16QAM	1	12	12.90	12.99	12.87	
5	16QAM	1	24	12.88	12.63	12.79	
5	16QAM	12	0	12.65	12.66	12.50	14
5	16QAM	12	7	12.51	12.63	12.40	
5	16QAM	12	13	12.31	12.55	12.43	
5	16QAM	25	0	12.60	12.89	12.62	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	12.89	13.03	12.83	14
3	QPSK	1	8	12.86	12.86	12.77	
3	QPSK	1	14	12.86	12.69	12.73	
3	QPSK	8	0	13.03	13.02	13.04	14
3	QPSK	8	4	13.00	12.77	12.72	
3	QPSK	8	7	12.79	12.80	12.79	
3	QPSK	15	0	12.95	12.89	12.90	
3	16QAM	1	0	12.96	13.01	12.90	14
3	16QAM	1	8	12.85	12.95	12.89	
3	16QAM	1	14	12.86	12.66	12.76	
3	16QAM	8	0	12.67	12.62	12.47	14
3	16QAM	8	4	12.54	12.65	12.48	
3	16QAM	8	7	12.32	12.47	12.41	
3	16QAM	15	0	12.64	12.89	12.64	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	12.93	13.10	12.85	14
1.4	QPSK	1	3	12.91	12.84	12.74	
1.4	QPSK	1	5	12.83	12.68	12.75	
1.4	QPSK	3	0	13.01	13.03	12.96	
1.4	QPSK	3	1	12.95	12.78	12.80	
1.4	QPSK	3	3	12.77	12.76	12.79	
1.4	QPSK	6	0	12.89	12.81	12.88	14
1.4	16QAM	1	0	12.94	13.00	12.85	14
1.4	16QAM	1	3	12.91	12.94	12.92	
1.4	16QAM	1	5	12.85	12.70	12.77	

BL-SH2460232-AP

1.4	16QAM	3	0	12.67	12.61	12.43	
1.4	16QAM	3	1	12.50	12.57	12.49	
1.4	16QAM	3	3	12.37	12.48	12.49	
1.4	16QAM	6	0	12.65	12.90	12.59	14

8.2.17 LTE Band 71 Output Power

LTE Band 71Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133322	133372	
Frequency (MHz)				673	683	688	
20	QPSK	1	0	23.74	23.72	23.69	24.5
20	QPSK	1	49	23.67	23.72	23.74	
20	QPSK	1	99	23.81	23.85	23.71	
20	QPSK	50	0	22.80	23.00	22.91	23.5
20	QPSK	50	24	22.91	22.59	22.53	
20	QPSK	50	50	22.70	22.75	22.55	
20	QPSK	100	0	22.73	23.04	22.61	
20	16QAM	1	0	22.91	22.81	22.67	23.5
20	16QAM	1	49	22.62	22.81	22.74	
20	16QAM	1	99	22.80	22.49	22.54	
20	16QAM	50	0	21.73	21.88	21.76	22.5
20	16QAM	50	24	21.76	21.68	21.67	
20	16QAM	50	50	21.74	21.63	21.57	
20	16QAM	100	0	21.87	21.91	21.80	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.61	23.47	23.43	24.5
15	QPSK	1	37	23.50	23.43	23.60	
15	QPSK	1	74	23.57	23.70	23.62	
15	QPSK	36	0	22.66	22.84	22.71	23.5
15	QPSK	36	20	22.69	22.35	22.61	
15	QPSK	36	39	22.49	22.50	22.55	
15	QPSK	75	0	22.62	22.76	22.37	
15	16QAM	1	0	22.81	22.66	22.57	23.5
15	16QAM	1	37	22.38	22.55	22.48	
15	16QAM	1	74	22.66	22.50	22.43	
15	16QAM	36	0	21.42	21.76	21.55	22.5
15	16QAM	36	20	21.60	21.43	21.53	
15	16QAM	36	39	21.62	21.51	21.47	
15	16QAM	75	0	21.56	21.68	21.57	
Channel				133172	133272	133422	Tune-up limit (dBm)
Frequency (MHz)				668	678	693	
10	QPSK	1	0	23.52	23.43	23.34	24.5
10	QPSK	1	25	23.51	23.45	23.53	
10	QPSK	1	49	23.51	23.63	23.52	
10	QPSK	25	0	22.62	22.77	22.69	23.5
10	QPSK	25	12	22.59	22.42	22.28	
10	QPSK	25	25	22.40	22.60	22.36	
10	QPSK	50	0	22.49	22.79	22.48	
10	16QAM	1	0	22.72	22.71	22.52	23.5
10	16QAM	1	25	22.36	22.59	22.55	
10	16QAM	1	49	22.55	22.52	22.47	
10	16QAM	25	0	21.44	21.68	21.63	22.5
10	16QAM	25	12	21.54	21.55	21.56	
10	16QAM	25	25	21.50	21.49	21.43	
10	16QAM	50	0	21.58	21.70	21.62	
Channel				133147	133247	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	675.5	695.5	
5	QPSK	1	0	23.58	23.56	23.39	24.5
5	QPSK	1	12	23.56	23.44	23.58	
5	QPSK	1	24	23.55	23.73	23.52	
5	QPSK	12	0	22.65	22.83	22.76	23.5
5	QPSK	12	7	22.71	22.39	22.64	

5	QPSK	12	13	22.52	22.56	22.67	
5	QPSK	25	0	22.64	22.75	22.42	
5	16QAM	1	0	22.75	22.60	22.43	
5	16QAM	1	12	22.35	22.51	22.54	23.5
5	16QAM	1	24	22.70	22.62	22.38	
5	16QAM	12	0	21.49	21.64	21.56	
5	16QAM	12	7	21.49	21.45	21.54	22.5
5	16QAM	12	13	21.65	21.51	21.40	
5	16QAM	25	0	21.58	21.68	21.56	

8.3.1 NR n2 Output Power

NR n2 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.55	23.59	23.67	
20	PI/2 BPSK	1	53	23.49	23.61	23.53	24.5
20	PI/2 BPSK	1	104	23.36	23.56	23.67	
20	PI/2 BPSK	50	0	23.19	23.35	23.30	24.0
20	PI/2 BPSK	50	28	23.66	23.79	23.82	24.5
20	PI/2 BPSK	50	56	23.22	23.40	23.39	24.0
20	PI/2 BPSK	100	0	23.18	23.33	23.24	
20	QPSK	1	1	23.69	23.83	23.76	
20	QPSK	1	53	23.66	23.78	23.53	24.5
20	QPSK	1	104	23.48	23.67	23.55	
20	QPSK	50	0	22.64	22.70	22.71	23.5
20	QPSK	50	28	23.63	23.74	23.65	24.5
20	QPSK	50	56	22.67	22.87	22.82	23.5
20	QPSK	100	0	22.59	22.76	22.66	
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	1	23.53	23.76	23.53	24.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	23.52	23.69	23.54	24.5

NR n2 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.49	20.52	20.79	
20	PI/2 BPSK	1	53	20.48	20.68	20.56	21.5
20	PI/2 BPSK	1	104	20.45	20.54	20.81	
20	PI/2 BPSK	50	0	20.27	20.21	20.16	21.0
20	PI/2 BPSK	50	28	20.85	20.90	20.82	21.5
20	PI/2 BPSK	50	56	20.13	20.31	20.56	21.0
20	PI/2 BPSK	100	0	20.00	20.19	20.15	
20	QPSK	1	1	20.68	20.99	20.56	
20	QPSK	1	53	20.60	20.96	20.63	21.5
20	QPSK	1	104	20.49	20.51	20.68	
20	QPSK	50	0	19.70	19.70	19.70	20.5
20	QPSK	50	28	20.81	21.06	20.63	21.5
20	QPSK	50	56	20.79	21.04	21.00	20.5
20	QPSK	100	0	20.56	20.77	20.58	
Channel				371500	376000	380500	
Frequency (MHz)				1857.5	1880	1902.5	Tune-up limit (dBm)

BL-SH2460232-AP

15	QPSK	1	1	20.53	20.76	20.53	21.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	1	20.52	20.69	20.54	21.5

NR n2 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.68	18.43	18.75	19.5
20	PI/2 BPSK	1	53	18.58	18.53	18.58	
20	PI/2 BPSK	1	104	18.18	18.40	18.57	
20	PI/2 BPSK	50	0	18.23	18.41	18.26	19.0
20	PI/2 BPSK	50	28	18.85	18.78	18.64	19.5
20	PI/2 BPSK	50	56	18.18	18.43	18.48	19.0
20	PI/2 BPSK	100	0	18.20	18.19	18.40	
20	QPSK	1	1	18.68	18.85	18.60	19.5
20	QPSK	1	53	18.67	18.62	18.64	
20	QPSK	1	104	18.52	18.59	18.37	
20	QPSK	50	0	17.46	17.65	17.85	19.0
20	QPSK	50	28	18.50	18.81	18.80	19.5
20	QPSK	50	56	17.53	18.05	17.80	19.0
20	QPSK	100	0	17.56	17.65	17.56	
Channel				371500	376000	380500	371500
Frequency (MHz)				1857.5	1880	1902.5	1857.5
15	QPSK	1	1	18.53	18.76	18.53	19.5
Channel				370500	376000	381500	370500
Frequency (MHz)				1852.5	1880	1907.5	1852.5
5	QPSK	1	1	18.52	18.69	18.54	19.5

8.3.2 NR n5 Output Power

NR n5 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	23.59	23.83	23.65	24.5
20	PI/2 BPSK	1	53	23.46	23.67	23.51	
20	PI/2 BPSK	1	104	23.39	23.66	23.44	
20	PI/2 BPSK	50	0	23.14	23.29	23.16	24.0
20	PI/2 BPSK	50	28	23.54	23.73	23.48	24.5
20	PI/2 BPSK	50	56	23.06	23.28	23.02	24.0
20	PI/2 BPSK	100	0	23.05	23.24	23.01	
20	QPSK	1	1	23.76	23.92	23.83	24.5
20	QPSK	1	53	23.49	23.65	23.44	
20	QPSK	1	104	23.45	23.74	23.48	
20	QPSK	50	0	22.61	22.75	22.58	23.5
20	QPSK	50	28	23.55	23.67	23.48	24.5
20	QPSK	50	56	22.57	22.75	22.57	23.5
20	QPSK	100	0	22.62	22.92	22.65	
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	23.51	23.77	23.59	24.5
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	1	23.59	23.72	23.69	24.5

8.3.3 NR n12 Output Power

NR n12 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	23.57	23.52	23.62	24.5
15	PI/2 BPSK	1	40	23.51	23.43	23.51	
15	PI/2 BPSK	1	77	23.37	23.48	23.42	
15	PI/2 BPSK	36	0	22.96	22.94	23.05	24.0
15	PI/2 BPSK	36	22	23.36	23.47	23.46	24.5
15	PI/2 BPSK	36	43	22.92	22.99	23.01	24.0
15	PI/2 BPSK	75	0	23.07	23.01	23.09	
15	QPSK	1	1	23.58	23.70	23.58	24.5
15	QPSK	1	40	23.23	23.34	23.22	
15	QPSK	1	77	23.01	22.94	22.92	
15	QPSK	36	0	22.62	22.48	22.56	23.5
15	QPSK	36	22	23.45	23.51	23.37	24.5
15	QPSK	36	43	22.55	22.53	22.59	23.5
15	QPSK	75	0	22.38	22.51	22.44	
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	QPSK	1	1	23.63	23.52	23.49	24.5
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	1	23.48	23.60	23.58	24.5

8.3.4 NR n25 Output Power

NR n25 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.72	23.63	23.60	24.5
20	PI/2 BPSK	1	53	23.85	23.80	23.86	
20	PI/2 BPSK	1	104	23.73	23.74	23.76	
20	PI/2 BPSK	50	0	23.17	23.29	23.27	24.0
20	PI/2 BPSK	50	28	23.84	23.80	23.75	24.5
20	PI/2 BPSK	50	56	23.18	23.32	23.30	24.0
20	PI/2 BPSK	100	0	23.26	23.36	23.26	
20	QPSK	1	1	23.76	23.87	23.86	24.5
20	QPSK	1	53	23.66	23.68	23.59	
20	QPSK	1	104	23.50	23.56	23.54	
20	QPSK	50	0	22.79	22.71	22.76	23.5
20	QPSK	50	28	23.73	23.82	23.71	24.5
20	QPSK	50	56	22.82	22.75	22.79	23.5
20	QPSK	100	0	22.86	22.91	22.80	
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	23.60	23.56	23.47	24.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	23.52	23.50	23.57	24.5

NR n25 Ant.0-Table 3							
BW [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	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	20.59	20.59	20.47	21.5
20	PI/2 BPSK	1	53	20.81	20.79	20.86	
20	PI/2 BPSK	1	104	20.85	20.71	20.76	
20	PI/2 BPSK	50	0	20.19	20.36	20.33	21.0
20	PI/2 BPSK	50	28	20.95	20.86	20.65	21.5
20	PI/2 BPSK	50	56	20.26	20.17	20.39	21.0
20	PI/2 BPSK	100	0	20.31	20.29	20.15	
20	QPSK	1	1	20.69	20.96	20.92	21.5
20	QPSK	1	53	20.55	20.80	20.55	
20	QPSK	1	104	20.70	20.57	20.71	
20	QPSK	50	0	19.95	19.75	19.77	20.5
20	QPSK	50	28	20.64	20.81	20.78	21.5
20	QPSK	50	56	19.87	19.83	19.80	20.5
20	QPSK	100	0	19.71	19.84	19.70	
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	20.63	20.56	20.41	21.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	20.57	20.65	20.53	21.5

NR n25 Ant.0-Table 7							
BW [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	
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.86	18.48	18.60	19.5
20	PI/2 BPSK	1	53	18.73	18.77	18.81	
20	PI/2 BPSK	1	104	18.88	18.67	18.65	
20	PI/2 BPSK	50	0	18.26	18.18	18.32	19.0
20	PI/2 BPSK	50	28	18.75	18.64	18.66	19.5
20	PI/2 BPSK	50	56	18.15	18.35	18.33	19.0
20	PI/2 BPSK	100	0	18.13	18.24	18.20	
20	QPSK	1	1	18.89	18.92	18.88	19.5
20	QPSK	1	53	18.53	18.69	18.41	
20	QPSK	1	104	18.67	18.47	18.59	
20	QPSK	50	0	17.81	17.55	17.60	18.5
20	QPSK	50	28	18.59	18.84	18.81	19.5
20	QPSK	50	56	17.95	17.81	17.67	18.5
20	QPSK	100	0	17.92	17.76	17.98	
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	18.65	18.56	18.30	19.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	18.56	18.34	18.60	19.5

8.3.5 NR n30 Output Power

NR n30 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.49		24.5
10	PI/2 BPSK	1	26		23.57		
10	PI/2 BPSK	1	50		23.52		
10	PI/2 BPSK	25	0		23.02		24.0
10	PI/2 BPSK	25	14		23.41		24.5
10	PI/2 BPSK	25	27		22.96		24.0
10	PI/2 BPSK	50	0		23.01		
10	QPSK	1	1		23.81		24.5
10	QPSK	1	26		23.78		
10	QPSK	1	50		23.44		
10	QPSK	25	0		22.51		23.5
10	QPSK	25	14		23.46		24.5
10	QPSK	25	27		22.46		23.5
10	QPSK	50	0		22.51		
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	23.73	23.75	23.67	24.5

NR n30 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		20.42		21.5
10	PI/2 BPSK	1	26		20.37		
10	PI/2 BPSK	1	50		20.56		
10	PI/2 BPSK	25	0		20.06		21.0
10	PI/2 BPSK	25	14		20.34		21.5
10	PI/2 BPSK	25	27		19.79		21.0
10	PI/2 BPSK	50	0		20.16		
10	QPSK	1	1		20.90		21.5
10	QPSK	1	26		20.69		
10	QPSK	1	50		20.36		
10	QPSK	25	0		19.41		20.5
10	QPSK	25	14		20.46		21.5
10	QPSK	25	27		19.47		20.5
10	QPSK	50	0		19.52		
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	20.67	20.91	20.67	21.5

NR n30 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.05		19.0
10	PI/2 BPSK	1	26		17.89		
10	PI/2 BPSK	1	50		18.08		
10	PI/2 BPSK	25	0		17.71		18.5
10	PI/2 BPSK	25	14		17.73		19.0
10	PI/2 BPSK	25	27		17.31		18.5
10	PI/2 BPSK	50	0		17.65		
10	QPSK	1	1		18.24		19.0
10	QPSK	1	26		18.12		
10	QPSK	1	50		17.94		
10	QPSK	25	0		17.12		18.0
10	QPSK	25	14		17.98		19.0
10	QPSK	25	27		16.87		18.0
10	QPSK	50	0		17.08		
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	18.23	18.25	18.17	19.0

8.3.6 NR n38 Output Power

NR n38 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518004	519000	519996	
Frequency (MHz)				2590.02	2595	2599.98	
40	PI/2 BPSK	1	1	23.46	23.48	23.51	24.5
40	PI/2 BPSK	1	53	23.55	23.45	23.56	
40	PI/2 BPSK	1	104	23.83	23.83	23.80	
40	PI/2 BPSK	50	0	23.23	23.20	23.33	24.0
40	PI/2 BPSK	50	28	23.73	23.78	23.81	24.5
40	PI/2 BPSK	50	56	23.40	23.45	23.35	24.0
40	PI/2 BPSK	100	0	23.24	23.23	23.15	
40	QPSK	1	1	23.89	23.96	23.92	24.5
40	QPSK	1	53	23.74	23.83	23.71	
40	QPSK	1	104	23.88	23.79	23.73	
40	QPSK	50	0	22.58	22.78	22.82	23.5
40	QPSK	50	28	23.75	23.82	23.78	24.5
40	QPSK	50	56	22.41	22.39	22.45	23.5
40	QPSK	100	0	22.77	22.81	22.78	
Channel				517002	519000	520998	Tune-up limit (dBm)
Frequency (MHz)				2585.01	2595	2604.99	
30	QPSK	1	1	23.74	23.76	23.71	24.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	1	23.66	23.82	23.67	24.5

8.3.7 NR n41 Output Power

NR n41 Ant.0-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.96	25.04	24.95	26.0
100	PI/2 BPSK	1	137	24.92	24.90	24.80	
100	PI/2 BPSK	1	271	24.74	24.77	24.69	
100	PI/2 BPSK	135	0	24.48	24.49	24.55	25.5
100	PI/2 BPSK	135	69	24.82	24.94	24.92	26.0
100	PI/2 BPSK	135	138	24.47	24.49	24.43	25.5
100	PI/2 BPSK	270	0	24.47	24.35	24.43	
100	QPSK	1	1	24.99	25.10	25.06	26.0
100	QPSK	1	137	24.86	24.86	24.87	
100	QPSK	1	271	24.64	24.58	24.63	
100	QPSK	135	0	23.95	23.86	23.98	25.0
100	QPSK	135	69	24.87	24.95	24.85	26.0
100	QPSK	135	138	23.96	23.93	23.93	25.0
100	QPSK	270	0	23.81	24.15	24.01	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	24.92	25.02	24.98	26.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	24.83	24.95	24.92	26.0

NR n41 Ant.0-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.90	21.97	21.93	23.0
100	PI/2 BPSK	1	137	21.89	21.85	21.71	
100	PI/2 BPSK	1	271	21.64	21.75	21.62	
100	PI/2 BPSK	135	0	21.40	21.46	21.46	22.5
100	PI/2 BPSK	135	69	21.74	21.89	21.89	23.0
100	PI/2 BPSK	135	138	21.46	21.45	21.33	22.5
100	PI/2 BPSK	270	0	21.39	21.28	21.39	
100	QPSK	1	1	21.97	22.08	22.02	23.0
100	QPSK	1	137	21.79	21.79	21.79	
100	QPSK	1	271	21.58	21.50	21.62	
100	QPSK	135	0	20.86	20.79	20.96	22.0
100	QPSK	135	69	21.81	21.88	21.77	23.0
100	QPSK	135	138	20.95	20.85	20.88	22.0
100	QPSK	270	0	20.79	21.06	20.95	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	21.90	22.00	21.90	23.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	21.90	21.96	21.89	23.0

NR n41 Ant.0-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.88	20.98	20.94	22.0
100	PI/2 BPSK	1	137	20.82	20.82	20.75	
100	PI/2 BPSK	1	271	20.71	20.68	20.64	
100	PI/2 BPSK	135	0	20.43	20.48	20.45	21.5
100	PI/2 BPSK	135	69	20.73	20.86	20.83	22.0
100	PI/2 BPSK	135	138	20.45	20.43	20.33	21.5
100	PI/2 BPSK	270	0	20.40	20.27	20.33	
100	QPSK	1	1	20.93	21.03	21.03	22.0
100	QPSK	1	137	20.78	20.81	20.80	
100	QPSK	1	271	20.58	20.49	20.56	
100	QPSK	135	0	19.91	19.84	19.88	21.0
100	QPSK	135	69	20.78	20.92	20.75	22.0
100	QPSK	135	138	19.93	19.88	19.86	21.0
100	QPSK	270	0	19.74	20.09	19.92	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	20.93	21.03	20.94	22.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	20.89	21.00	20.90	22.0

NR n41 Ant.0-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.81	17.95	17.84	19.0
100	PI/2 BPSK	1	137	17.80	17.77	17.68	
100	PI/2 BPSK	1	271	17.63	17.65	17.59	
100	PI/2 BPSK	135	0	17.42	17.45	17.44	18.5
100	PI/2 BPSK	135	69	17.63	17.82	17.82	19.0
100	PI/2 BPSK	135	138	17.40	17.41	17.32	18.5
100	PI/2 BPSK	270	0	17.36	17.23	17.24	
100	QPSK	1	1	17.92	17.96	17.98	19.0
100	QPSK	1	137	17.70	17.76	17.72	
100	QPSK	1	271	17.52	17.48	17.46	
100	QPSK	135	0	16.82	16.79	16.85	18.0
100	QPSK	135	69	17.74	17.85	17.70	19.0
100	QPSK	135	138	16.87	16.81	16.77	18.0
100	QPSK	270	0	16.73	17.05	16.84	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	17.84	17.96	17.86	19.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	17.84	17.89	17.91	19.0

NR n41 Ant.0-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.86	18.01	17.90	19.0
100	PI/2 BPSK	1	137	17.87	17.84	17.72	
100	PI/2 BPSK	1	271	17.66	17.67	17.67	
100	PI/2 BPSK	135	0	17.45	17.46	17.48	18.5
100	PI/2 BPSK	135	69	17.75	17.92	17.87	19.0
100	PI/2 BPSK	135	138	17.45	17.48	17.41	18.5
100	PI/2 BPSK	270	0	17.38	17.32	17.39	
100	QPSK	1	1	17.97	18.07	18.00	19.0
100	QPSK	1	137	17.80	17.83	17.84	
100	QPSK	1	271	17.60	17.51	17.53	
100	QPSK	135	0	16.90	16.76	16.88	18.0
100	QPSK	135	69	17.79	17.93	17.78	19.0
100	QPSK	135	138	16.95	16.88	16.90	18.0
100	QPSK	270	0	16.74	17.05	16.99	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	17.92	18.02	17.91	19.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	17.87	17.95	17.89	19.0

NR n41 Ant.0-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	14.78	14.97	14.81	16.0
100	PI/2 BPSK	1	137	14.78	14.80	14.66	
100	PI/2 BPSK	1	271	14.57	14.66	14.58	
100	PI/2 BPSK	135	0	14.43	14.39	14.47	15.5
100	PI/2 BPSK	135	69	14.65	14.85	14.84	16.0
100	PI/2 BPSK	135	138	14.43	14.38	14.37	15.5
100	PI/2 BPSK	270	0	14.33	14.30	14.29	
100	QPSK	1	1	14.94	15.01	14.97	16.0
100	QPSK	1	137	14.70	14.79	14.80	
100	QPSK	1	271	14.53	14.44	14.43	
100	QPSK	135	0	13.81	13.74	13.87	15.0
100	QPSK	135	69	14.78	14.90	14.75	16.0
100	QPSK	135	138	13.90	13.81	13.87	15.0
100	QPSK	270	0	13.69	14.01	13.94	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	14.92	15.02	14.91	16.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	14.87	14.95	14.89	16.0

NR n41 Ant.2-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.95	24.94	24.88	26.0
100	PI/2 BPSK	1	137	24.90	24.89	24.70	
100	PI/2 BPSK	1	271	24.68	24.69	24.64	
100	PI/2 BPSK	135	0	24.42	24.48	24.54	25.5
100	PI/2 BPSK	135	69	24.77	24.84	24.89	26.0
100	PI/2 BPSK	135	138	24.43	24.48	24.34	25.5
100	PI/2 BPSK	270	0	24.43	24.26	24.38	
100	QPSK	1	1	24.97	25.04	25.01	26.0
100	QPSK	1	137	24.78	24.78	24.84	
100	QPSK	1	271	24.62	24.52	24.55	
100	QPSK	135	0	23.86	23.79	23.92	25.0
100	QPSK	135	69	24.80	24.90	24.80	26.0
100	QPSK	135	138	23.87	23.87	23.90	25.0
100	QPSK	270	0	23.75	24.05	23.96	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	24.92	24.99	24.85	26.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	24.95	25.02	24.91	26.0

NR n41 Ant.2-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.91	21.90	21.83	23.0
100	PI/2 BPSK	1	137	21.84	21.83	21.66	
100	PI/2 BPSK	1	271	21.62	21.62	21.63	
100	PI/2 BPSK	135	0	21.38	21.46	21.46	22.5
100	PI/2 BPSK	135	69	21.74	21.78	21.85	23.0
100	PI/2 BPSK	135	138	21.37	21.45	21.27	22.5
100	PI/2 BPSK	270	0	21.34	21.17	21.37	
100	QPSK	1	1	21.90	22.01	21.97	23.0
100	QPSK	1	137	21.68	21.71	21.76	
100	QPSK	1	271	21.55	21.42	21.53	
100	QPSK	135	0	20.82	20.75	20.85	22.0
100	QPSK	135	69	21.76	21.86	21.78	23.0
100	QPSK	135	138	20.78	20.80	20.88	22.0
100	QPSK	270	0	20.74	21.01	20.95	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	1	21.93	21.91	21.84	23.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	1	21.85	21.88	21.81	23.0

8.3.8 NR n66 Output Power

NR n66 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.93	23.93	23.91	24.5
20	PI/2 BPSK	1	53	23.78	23.83	23.91	
20	PI/2 BPSK	1	104	23.88	23.91	23.84	
20	PI/2 BPSK	50	0	23.34	23.28	23.30	24.0
20	PI/2 BPSK	50	28	23.71	23.70	23.77	24.5
20	PI/2 BPSK	50	56	23.30	23.24	23.23	24.0
20	PI/2 BPSK	100	0	23.24	23.29	23.22	
20	QPSK	1	1	23.91	23.97	23.87	24.5
20	QPSK	1	53	23.76	23.71	23.79	
20	QPSK	1	104	23.70	23.75	23.74	
20	QPSK	50	0	22.85	22.75	22.81	23.5
20	QPSK	50	28	23.81	23.86	23.77	24.5
20	QPSK	50	56	22.86	22.84	22.76	23.5
20	QPSK	100	0	22.79	22.88	22.74	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.84	23.84	23.76	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.82	23.87	23.77	24.5

NR n66 Ant.0-Table 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	14.90	14.70	14.79	15.5
20	PI/2 BPSK	1	53	14.76	14.65	14.84	
20	PI/2 BPSK	1	104	14.79	15.01	14.74	
20	PI/2 BPSK	50	0	14.54	14.14	14.36	15.0
20	PI/2 BPSK	50	28	14.69	14.75	14.92	15.5
20	PI/2 BPSK	50	56	14.10	14.04	14.33	15.0
20	PI/2 BPSK	100	0	14.35	14.12	14.03	
20	QPSK	1	1	14.86	15.03	14.93	15.5
20	QPSK	1	53	14.65	14.63	14.84	
20	QPSK	1	104	14.57	14.93	14.74	
20	QPSK	50	0	13.87	13.60	13.98	14.5
20	QPSK	50	28	14.63	14.75	14.74	15.5
20	QPSK	50	56	13.96	13.73	13.75	14.5
20	QPSK	100	0	13.64	13.96	13.86	
Channel				343500	349000	354500	343500 1717.5
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	14.68	14.66	14.88	15.5
Channel				342500	349000	355500	342500 1712.5
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	14.97	14.73	14.74	15.5

NR n66 Ant.0-Table 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	13.45	13.33	13.34	14.0
20	PI/2 BPSK	1	53	13.46	13.45	13.48	
20	PI/2 BPSK	1	104	13.44	13.56	13.48	
20	PI/2 BPSK	50	0	12.89	12.75	12.99	13.5
20	PI/2 BPSK	50	28	13.31	13.38	13.18	14.0
20	PI/2 BPSK	50	56	12.65	12.78	12.81	13.5
20	PI/2 BPSK	100	0	12.67	12.86	12.87	
20	QPSK	1	1	13.31	13.58	13.57	14.0
20	QPSK	1	53	13.25	13.09	13.19	
20	QPSK	1	104	13.21	13.35	13.38	
20	QPSK	50	0	12.41	12.19	12.44	13.0
20	QPSK	50	28	13.32	13.53	13.43	14.0
20	QPSK	50	56	12.29	12.27	12.44	13.0
20	QPSK	100	0	12.15	12.36	12.32	
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	13.34	13.34	13.26	14.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	13.32	13.37	13.27	14.0

8.3.9 NR n71 Output Power

NR n71 Ant.0-Full Power							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.74	23.78	23.61	24.5
20	PI/2 BPSK	1	53	23.53	23.55	23.60	
20	PI/2 BPSK	1	104	23.51	23.50	23.45	
20	PI/2 BPSK	50	0	23.18	23.15	23.15	24.0
20	PI/2 BPSK	50	28	23.54	23.61	23.46	24.5
20	PI/2 BPSK	50	56	23.04	23.01	23.02	24.0
20	PI/2 BPSK	100	0	23.11	23.16	23.06	
20	QPSK	1	1	23.62	23.48	23.53	24.5
20	QPSK	1	53	23.29	23.26	23.26	
20	QPSK	1	104	23.41	23.38	23.41	
20	QPSK	50	0	22.67	22.60	22.60	23.5
20	QPSK	50	28	23.57	23.66	23.52	24.5
20	QPSK	50	56	22.49	22.54	22.56	23.5
20	QPSK	100	0	22.65	22.63	22.65	
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.45	23.55	23.56	24.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.57	23.58	23.51	24.5

8.3.10 NR n77 Output Power

NR n77(3450~3550MHz) Ant.1-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		24.96		26.0
100	PI/2 BPSK	1	137		25.15		
100	PI/2 BPSK	1	271		25.05		
100	PI/2 BPSK	135	0		24.58		25.5
100	PI/2 BPSK	135	69		25.25		26.0
100	PI/2 BPSK	135	138		24.89		25.5
100	PI/2 BPSK	270	0		24.68		
100	QPSK	1	1		25.27		26.0
100	QPSK	1	137		25.21		
100	QPSK	1	271		25.13		
100	QPSK	135	0		24.07		25.0
100	QPSK	135	69		25.21		26.0
100	QPSK	135	138		24.22		25.0
100	QPSK	270	0		24.19		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	25.07	24.96	24.89	26.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	25.01	24.89	24.91	26.0

NR n77(3700~3980MHz) Ant.1-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.14	25.23	25.16	26.0
100	PI/2 BPSK	1	137	24.88	24.78	24.66	
100	PI/2 BPSK	1	271	24.79	24.83	24.74	
100	PI/2 BPSK	135	0	24.48	24.53	24.53	25.5
100	PI/2 BPSK	135	69	25.11	25.15	25.04	26.0
100	PI/2 BPSK	135	138	24.67	24.68	24.75	25.5
100	PI/2 BPSK	270	0	24.72	24.89	24.67	
100	QPSK	1	1	25.00	25.00	24.97	26.0
100	QPSK	1	137	24.91	24.93	24.94	
100	QPSK	1	271	24.67	24.67	24.71	
100	QPSK	135	0	23.88	23.91	23.91	25.0
100	QPSK	135	69	24.97	25.05	24.95	26.0
100	QPSK	135	138	23.95	23.90	24.02	25.0
100	QPSK	270	0	24.00	23.98	24.06	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.78	24.70	24.52	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.74	24.72	24.56	26.0

NR n77(3450~3550MHz) Ant.1-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		22.01		23.0
100	PI/2 BPSK	1	137		22.10		
100	PI/2 BPSK	1	271		22.17		
100	PI/2 BPSK	135	0		21.38		22.5
100	PI/2 BPSK	135	69		22.31		23.0
100	PI/2 BPSK	135	138		21.79		22.5
100	PI/2 BPSK	270	0		21.73		
100	QPSK	1	1		22.21		23.0
100	QPSK	1	137		22.20		
100	QPSK	1	271		22.01		
100	QPSK	135	0		20.95		22.0
100	QPSK	135	69		22.13		23.0
100	QPSK	135	138		21.28		22.0
100	QPSK	270	0		21.24		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	22.20	22.09	21.82	23.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	21.84	22.07	21.73	23.0

NR n77(3700~3980MHz) Ant.1-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.09	22.29	22.00	23.0
100	PI/2 BPSK	1	137	21.86	21.57	21.54	
100	PI/2 BPSK	1	271	21.57	21.66	21.61	
100	PI/2 BPSK	135	0	21.39	21.48	21.33	22.5
100	PI/2 BPSK	135	69	21.98	22.20	21.92	23.0
100	PI/2 BPSK	135	138	21.75	21.72	21.76	22.5
100	PI/2 BPSK	270	0	21.55	21.93	21.67	
100	QPSK	1	1	22.08	22.11	22.01	23.0
100	QPSK	1	137	21.86	21.91	22.02	
100	QPSK	1	271	21.52	21.66	21.42	
100	QPSK	135	0	20.75	21.01	20.75	22.0
100	QPSK	135	69	21.72	22.17	21.87	23.0
100	QPSK	135	138	20.88	20.87	20.77	22.0
100	QPSK	270	0	21.00	20.80	21.13	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.63	21.80	21.38	23.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.83	21.54	21.76	23.0

NR n77(3450~3550MHz) Ant.1-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		18.93		20.0
100	PI/2 BPSK	1	137		19.06		
100	PI/2 BPSK	1	271		18.95		
100	PI/2 BPSK	135	0		18.49		19.5
100	PI/2 BPSK	135	69		19.17		20.0
100	PI/2 BPSK	135	138		18.80		19.5
100	PI/2 BPSK	270	0		18.63		
100	QPSK	1	1		19.24		20.0
100	QPSK	1	137		19.19		
100	QPSK	1	271		19.10		
100	QPSK	135	0		18.01		19.0
100	QPSK	135	69		19.13		20.0
100	QPSK	135	138		18.14		19.0
100	QPSK	270	0		18.16		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	18.50	18.64	18.76	20.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	18.54	18.60	18.79	20.0

NR n77(3450~3550MHz) Ant.1-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.83		17.0
100	PI/2 BPSK	1	137		15.99		
100	PI/2 BPSK	1	271		15.87		
100	PI/2 BPSK	135	0		15.40		16.5
100	PI/2 BPSK	135	69		16.15		17.0
100	PI/2 BPSK	135	138		15.75		16.5
100	PI/2 BPSK	270	0		15.61		
100	QPSK	1	1		16.22		17.0
100	QPSK	1	137		16.17		
100	QPSK	1	271		16.07		
100	QPSK	135	0		14.96		16.0
100	QPSK	135	69		16.10		17.0
100	QPSK	135	138		15.11		16.0
100	QPSK	270	0		15.12		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	15.87	16.02	16.01	17.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.87	16.03	16.02	17.0

NR n77(3700~3980MHz) Ant.1-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.07	19.16	19.15	20.0
100	PI/2 BPSK	1	137	18.85	18.75	18.58	
100	PI/2 BPSK	1	271	18.73	18.78	18.66	
100	PI/2 BPSK	135	0	18.43	18.44	18.48	19.5
100	PI/2 BPSK	135	69	19.05	19.09	18.95	20.0
100	PI/2 BPSK	135	138	18.59	18.61	18.72	19.5
100	PI/2 BPSK	270	0	18.66	18.81	18.58	
100	QPSK	1	1	18.98	18.96	18.95	20.0
100	QPSK	1	137	18.84	18.90	18.93	
100	QPSK	1	271	18.66	18.61	18.66	
100	QPSK	135	0	17.80	17.81	17.87	19.0
100	QPSK	135	69	18.95	18.99	18.93	20.0
100	QPSK	135	138	17.86	17.89	17.99	19.0
100	QPSK	270	0	17.93	17.91	18.04	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	19.11	19.13	19.15	20.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	19.06	19.22	19.06	20.0

NR n77(3700~3980MHz) Ant.1-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.03	16.13	16.09	17.0
100	PI/2 BPSK	1	137	15.80	15.72	15.55	
100	PI/2 BPSK	1	271	15.68	15.71	15.56	
100	PI/2 BPSK	135	0	15.33	15.34	15.46	16.5
100	PI/2 BPSK	135	69	16.01	16.07	15.90	17.0
100	PI/2 BPSK	135	138	15.50	15.56	15.65	16.5
100	PI/2 BPSK	270	0	15.61	15.71	15.57	
100	QPSK	1	1	15.95	15.93	15.86	17.0
100	QPSK	1	137	15.75	15.89	15.83	
100	QPSK	1	271	15.59	15.52	15.65	
100	QPSK	135	0	14.73	14.78	14.81	16.0
100	QPSK	135	69	15.85	15.98	15.88	17.0
100	QPSK	135	138	14.79	14.82	14.96	16.0
100	QPSK	270	0	14.89	14.87	14.94	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.77	15.69	15.50	17.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.84	15.73	15.48	17.0

NR n77(3450~3550MHz) Ant.1-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		17.86		19.0
100	PI/2 BPSK	1	137		18.07		
100	PI/2 BPSK	1	271		17.97		
100	PI/2 BPSK	135	0		17.49		18.5
100	PI/2 BPSK	135	69		18.21		19.0
100	PI/2 BPSK	135	138		17.85		18.5
100	PI/2 BPSK	270	0		17.67		
100	QPSK	1	1		18.21		19.0
100	QPSK	1	137		18.14		
100	QPSK	1	271		18.04		
100	QPSK	135	0		16.99		18.0
100	QPSK	135	69		18.20		19.0
100	QPSK	135	138		17.17		18.0
100	QPSK	270	0		17.15		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	17.90	17.88	17.89	19.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	17.89	17.89	17.88	19.0

NR n77(3450~3550MHz) Ant.1-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		14.83		16.0
100	PI/2 BPSK	1	137		15.00		
100	PI/2 BPSK	1	271		14.93		
100	PI/2 BPSK	135	0		14.42		15.5
100	PI/2 BPSK	135	69		15.14		16.0
100	PI/2 BPSK	135	138		14.76		15.5
100	PI/2 BPSK	270	0		14.51		
100	QPSK	1	1		15.24		16.0
100	QPSK	1	137		15.11		
100	QPSK	1	271		15.04		
100	QPSK	135	0		13.95		15.0
100	QPSK	135	69		15.06		16.0
100	QPSK	135	138		14.05		15.0
100	QPSK	270	0		14.14		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	14.82	14.96	14.95	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	14.79	15.00	14.96	16.0

NR n77(3700~3980MHz) Ant.1-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.13	18.25	18.18	19.0
100	PI/2 BPSK	1	137	17.84	17.80	17.62	
100	PI/2 BPSK	1	271	17.81	17.85	17.69	
100	PI/2 BPSK	135	0	17.49	17.50	17.54	18.5
100	PI/2 BPSK	135	69	18.11	18.18	18.05	19.0
100	PI/2 BPSK	135	138	17.62	17.65	17.70	18.5
100	PI/2 BPSK	270	0	17.73	17.93	17.62	
100	QPSK	1	1	18.00	18.02	17.92	19.0
100	QPSK	1	137	17.94	17.94	17.96	
100	QPSK	1	271	17.67	17.62	17.74	
100	QPSK	135	0	16.86	16.86	16.93	18.0
100	QPSK	135	69	17.99	18.07	17.97	19.0
100	QPSK	135	138	16.90	16.88	16.97	18.0
100	QPSK	270	0	16.99	17.02	17.03	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.86	17.75	17.68	19.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.91	17.75	17.69	19.0

NR n77(3700~3980MHz) Ant.1-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.12	15.26	15.12	16.0
100	PI/2 BPSK	1	137	14.86	14.78	14.58	
100	PI/2 BPSK	1	271	14.81	14.82	14.62	
100	PI/2 BPSK	135	0	14.51	14.50	14.56	15.5
100	PI/2 BPSK	135	69	15.11	15.18	15.07	16.0
100	PI/2 BPSK	135	138	14.56	14.59	14.67	15.5
100	PI/2 BPSK	270	0	14.74	14.86	14.55	
100	QPSK	1	1	14.94	15.01	14.86	16.0
100	QPSK	1	137	14.92	14.95	14.97	
100	QPSK	1	271	14.68	14.62	14.73	
100	QPSK	135	0	13.81	13.85	13.86	15.0
100	QPSK	135	69	15.00	15.08	14.93	16.0
100	QPSK	135	138	13.89	13.84	13.99	15.0
100	QPSK	270	0	14.00	14.04	14.02	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.09	15.22	15.11	16.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.13	15.18	15.16	16.0

NR n77(3450~3550MHz) Ant.1-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		14.92		16.0
100	PI/2 BPSK	1	137		15.05		
100	PI/2 BPSK	1	271		14.98		
100	PI/2 BPSK	135	0		14.49		15.5
100	PI/2 BPSK	135	69		15.22		16.0
100	PI/2 BPSK	135	138		14.79		15.5
100	PI/2 BPSK	270	0		14.59		
100	QPSK	1	1		15.26		16.0
100	QPSK	1	137		15.12		
100	QPSK	1	271		15.05		
100	QPSK	135	0		14.05		15.0
100	QPSK	135	69		15.14		16.0
100	QPSK	135	138		14.21		15.0
100	QPSK	270	0		14.14		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	15.07	14.96	14.89	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.01	14.89	14.91	16.0

NR n77(3450~3550MHz) Ant.1-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.83		13.0
100	PI/2 BPSK	1	137		12.02		
100	PI/2 BPSK	1	271		11.90		
100	PI/2 BPSK	135	0		11.43		12.5
100	PI/2 BPSK	135	69		12.14		13.0
100	PI/2 BPSK	135	138		11.71		12.5
100	PI/2 BPSK	270	0		11.54		
100	QPSK	1	1		12.16		13.0
100	QPSK	1	137		12.03		
100	QPSK	1	271		11.96		
100	QPSK	135	0		10.99		12.0
100	QPSK	135	69		12.08		13.0
100	QPSK	135	138		11.18		12.0
100	QPSK	270	0		11.08		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	11.89	11.87	11.89	13.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	11.87	11.83	11.82	13.0

NR n77(3700~3980MHz) Ant.1-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.16	15.28	15.21	16.0
100	PI/2 BPSK	1	137	14.87	14.81	14.67	
100	PI/2 BPSK	1	271	14.81	14.90	14.76	
100	PI/2 BPSK	135	0	14.55	14.57	14.56	15.5
100	PI/2 BPSK	135	69	15.17	15.19	15.08	16.0
100	PI/2 BPSK	135	138	14.65	14.75	14.82	15.5
100	PI/2 BPSK	270	0	14.73	14.95	14.71	
100	QPSK	1	1	15.03	15.01	15.00	16.0
100	QPSK	1	137	14.93	15.00	14.95	
100	QPSK	1	271	14.73	14.71	14.76	
100	QPSK	135	0	13.88	13.93	13.92	15.0
100	QPSK	135	69	14.99	15.12	14.95	16.0
100	QPSK	135	138	14.00	13.97	14.04	15.0
100	QPSK	270	0	14.01	13.99	14.07	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.20	15.30	15.14	16.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.17	15.23	15.15	16.0

NR n77(3700~3980MHz) Ant.1-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.11	12.19	12.13	13.0
100	PI/2 BPSK	1	137	11.75	11.68	11.53	
100	PI/2 BPSK	1	271	11.68	11.78	11.65	
100	PI/2 BPSK	135	0	11.47	11.48	11.42	12.5
100	PI/2 BPSK	135	69	12.12	12.15	11.98	13.0
100	PI/2 BPSK	135	138	11.60	11.64	11.77	12.5
100	PI/2 BPSK	270	0	11.62	11.85	11.61	
100	QPSK	1	1	11.95	11.93	11.93	13.0
100	QPSK	1	137	11.84	11.87	11.85	
100	QPSK	1	271	11.62	11.61	11.66	
100	QPSK	135	0	10.76	10.85	10.84	12.0
100	QPSK	135	69	11.85	12.00	11.84	13.0
100	QPSK	135	138	10.86	10.90	10.97	12.0
100	QPSK	270	0	10.87	10.87	10.98	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.07	12.20	12.12	13.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.04	12.17	12.14	13.0

NR n77(3450~3550MHz) Ant.4-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		25.08		26.0
100	PI/2 BPSK	1	137		25.12		
100	PI/2 BPSK	1	271		25.08		
100	PI/2 BPSK	135	0		24.48		25.5
100	PI/2 BPSK	135	69		25.19		26.0
100	PI/2 BPSK	135	138		24.73		25.5
100	PI/2 BPSK	270	0		24.75		
100	QPSK	1	1		25.22		26.0
100	QPSK	1	137		25.20		
100	QPSK	1	271		25.13		
100	QPSK	135	0		24.00		25.0
100	QPSK	135	69		25.05		26.0
100	QPSK	135	138		24.17		25.0
100	QPSK	270	0		24.35		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	24.88	24.96	24.74	26.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	24.84	24.89	24.94	26.0

NR n77(3700~3980MHz) Ant.4-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.95	25.12	25.005	26.0
100	PI/2 BPSK	1	137	24.68	24.78	24.59	
100	PI/2 BPSK	1	271	24.79	24.87	24.62	
100	PI/2 BPSK	135	0	24.43	24.71	24.61	25.5
100	PI/2 BPSK	135	69	25.01	25.03	25.05	26.0
100	PI/2 BPSK	135	138	24.56	24.60	24.74	25.5
100	PI/2 BPSK	270	0	24.62	24.90	24.53	
100	QPSK	1	1	24.90	25.07	24.81	26.0
100	QPSK	1	137	25.05	24.75	24.79	
100	QPSK	1	271	24.71	24.77	24.67	
100	QPSK	135	0	24.03	23.99	23.72	25.0
100	QPSK	135	69	25.09	24.93	24.84	26.0
100	QPSK	135	138	23.98	23.80	23.84	25.0
100	QPSK	270	0	23.93	23.91	24.13	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.88	24.64	24.71	26.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.89	24.80	24.70	26.0

NR n77(3450~3550MHz) Ant.4-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		21.97		23.0
100	PI/2 BPSK	1	137		22.19		
100	PI/2 BPSK	1	271		22.11		
100	PI/2 BPSK	135	0		21.41		22.5
100	PI/2 BPSK	135	69		22.03		23.0
100	PI/2 BPSK	135	138		21.99		22.5
100	PI/2 BPSK	270	0		21.92		
100	QPSK	1	1		22.20		23.0
100	QPSK	1	137		22.11		
100	QPSK	1	271		22.16		
100	QPSK	135	0		20.88		22.0
100	QPSK	135	69		22.03		23.0
100	QPSK	135	138		21.28		22.0
100	QPSK	270	0		21.32		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	22.02	21.95	21.92	23.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	21.79	21.90	21.65	23.0

NR n77(3700~3980MHz) Ant.4-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.03	22.40	22.00	23.0
100	PI/2 BPSK	1	137	21.85	21.70	21.64	
100	PI/2 BPSK	1	271	21.68	21.55	21.72	
100	PI/2 BPSK	135	0	21.48	21.33	21.28	22.5
100	PI/2 BPSK	135	69	21.89	22.04	22.06	23.0
100	PI/2 BPSK	135	138	21.71	21.71	21.62	22.5
100	PI/2 BPSK	270	0	21.71	22.11	21.58	
100	QPSK	1	1	22.27	22.20	21.96	23.0
100	QPSK	1	137	21.87	21.98	22.06	
100	QPSK	1	271	21.43	21.62	21.38	
100	QPSK	135	0	20.87	21.10	20.68	22.0
100	QPSK	135	69	21.80	22.25	21.71	23.0
100	QPSK	135	138	20.91	20.93	20.61	22.0
100	QPSK	270	0	21.11	20.96	21.11	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.55	21.95	21.28	23.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.64	21.72	21.61	23.0

NR n77(3450~3550MHz) Ant.4-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		18.86		20.0
100	PI/2 BPSK	1	137		19.09		
100	PI/2 BPSK	1	271		18.96		
100	PI/2 BPSK	135	0		18.52		19.5
100	PI/2 BPSK	135	69		19.17		20.0
100	PI/2 BPSK	135	138		18.80		19.5
100	PI/2 BPSK	270	0		18.61		
100	QPSK	1	1		19.18		20.0
100	QPSK	1	137		19.17		
100	QPSK	1	271		19.07		
100	QPSK	135	0		18.00		19.0
100	QPSK	135	69		19.14		20.0
100	QPSK	135	138		18.13		19.0
100	QPSK	270	0		18.12		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	18.90	18.98	18.98	20.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	18.88	19.05	19.07	20.0

NR n77(3450~3550MHz) Ant.4-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.80		17.0
100	PI/2 BPSK	1	137		16.03		
100	PI/2 BPSK	1	271		15.90		
100	PI/2 BPSK	135	0		15.48		16.5
100	PI/2 BPSK	135	69		16.05		17.0
100	PI/2 BPSK	135	138		15.74		16.5
100	PI/2 BPSK	270	0		15.56		
100	QPSK	1	1		16.11		17.0
100	QPSK	1	137		16.08		
100	QPSK	1	271		16.04		
100	QPSK	135	0		14.96		16.0
100	QPSK	135	69		16.13		17.0
100	QPSK	135	138		15.03		16.0
100	QPSK	270	0		15.15		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	15.78	15.84	15.85	17.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.77	15.77	15.81	17.0

NR n77(3700~3980MHz) Ant.4-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	19.08	19.32	19.12	20.0
100	PI/2 BPSK	1	137	18.86	18.75	18.64	
100	PI/2 BPSK	1	271	18.76	18.79	18.73	
100	PI/2 BPSK	135	0	18.45	18.44	18.46	19.5
100	PI/2 BPSK	135	69	19.04	19.12	19.01	20.0
100	PI/2 BPSK	135	138	18.64	18.58	18.71	19.5
100	PI/2 BPSK	270	0	18.65	18.80	18.62	
100	QPSK	1	1	18.94	18.98	18.89	20.0
100	QPSK	1	137	18.86	18.91	18.92	
100	QPSK	1	271	18.59	18.61	18.65	
100	QPSK	135	0	17.85	17.87	17.88	19.0
100	QPSK	135	69	18.93	18.99	18.88	20.0
100	QPSK	135	138	17.88	17.82	17.96	19.0
100	QPSK	270	0	17.99	17.88	18.05	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.79	18.72	18.56	20.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.87	18.73	18.64	20.0

NR n77(3700~3980MHz) Ant.4-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.05	16.22	16.04	17.0
100	PI/2 BPSK	1	137	15.75	15.63	15.60	
100	PI/2 BPSK	1	271	15.66	15.72	15.62	
100	PI/2 BPSK	135	0	15.30	15.31	15.31	16.5
100	PI/2 BPSK	135	69	15.98	16.00	15.99	17.0
100	PI/2 BPSK	135	138	15.54	15.48	15.67	16.5
100	PI/2 BPSK	270	0	15.49	15.74	15.42	
100	QPSK	1	1	15.87	15.87	15.80	17.0
100	QPSK	1	137	15.80	15.80	15.76	
100	QPSK	1	271	15.46	15.52	15.54	
100	QPSK	135	0	14.73	14.72	14.80	16.0
100	QPSK	135	69	15.85	15.90	15.72	17.0
100	QPSK	135	138	14.74	14.72	14.84	16.0
100	QPSK	270	0	14.97	14.76	14.92	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.66	15.68	15.64	17.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.67	15.71	15.66	17.0

NR n77(3450~3550MHz) Ant.4 -Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		14.91		16.0
100	PI/2 BPSK	1	137		15.05		
100	PI/2 BPSK	1	271		15.01		
100	PI/2 BPSK	135	0		14.48		15.5
100	PI/2 BPSK	135	69		15.22		16.0
100	PI/2 BPSK	135	138		14.79		15.5
100	PI/2 BPSK	270	0		14.63		
100	QPSK	1	1		15.23		16.0
100	QPSK	1	137		15.20		
100	QPSK	1	271		15.05		
100	QPSK	135	0		14.05		15.0
100	QPSK	135	69		15.15		16.0
100	QPSK	135	138		14.12		15.0
100	QPSK	270	0		14.152		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	15.07	14.96	14.89	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.01	14.89	14.91	16.0

NR n77(3450~3550MHz) Ant.4-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.84		13.0
100	PI/2 BPSK	1	137		12.00		
100	PI/2 BPSK	1	271		11.97		
100	PI/2 BPSK	135	0		11.44		12.5
100	PI/2 BPSK	135	69		12.13		13.0
100	PI/2 BPSK	135	138		11.77		12.5
100	PI/2 BPSK	270	0		11.59		
100	QPSK	1	1		12.18		13.0
100	QPSK	1	137		12.06		
100	QPSK	1	271		11.98		
100	QPSK	135	0		10.96		12.0
100	QPSK	135	69		12.08		13.0
100	QPSK	135	138		11.05		12.0
100	QPSK	270	0		11.15		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	11.87	11.89	11.91	13.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	11.80	11.96	11.88	13.0

NR n77(3700~3980MHz) Ant.4-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.10	15.26	15.20	16.0
100	PI/2 BPSK	1	137	14.92	14.75	14.62	
100	PI/2 BPSK	1	271	14.75	14.83	14.74	
100	PI/2 BPSK	135	0	14.46	14.57	14.51	15.5
100	PI/2 BPSK	135	69	15.12	15.18	15.04	16.0
100	PI/2 BPSK	135	138	14.67	14.66	14.70	15.5
100	PI/2 BPSK	270	0	14.76	14.84	14.64	
100	QPSK	1	1	14.97	14.96	14.99	16.0
100	QPSK	1	137	14.95	14.96	14.92	
100	QPSK	1	271	14.68	14.64	14.68	
100	QPSK	135	0	13.86	13.90	13.95	15.0
100	QPSK	135	69	14.97	15.09	14.90	16.0
100	QPSK	135	138	13.96	13.90	14.05	15.0
100	QPSK	270	0	14.03	13.98	14.07	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.17	15.18	15.15	16.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.12	15.20	15.19	16.0

NR n77(3700~3980MHz) Ant.4-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.00	12.34	12.20	13.0
100	PI/2 BPSK	1	137	12.20	11.81	11.53	
100	PI/2 BPSK	1	271	11.69	12.07	11.89	
100	PI/2 BPSK	135	0	11.56	11.87	11.65	12.5
100	PI/2 BPSK	135	69	12.37	12.37	12.01	13.0
100	PI/2 BPSK	135	138	11.62	11.76	11.63	12.5
100	PI/2 BPSK	270	0	11.72	12.03	11.57	
100	QPSK	1	1	11.89	11.88	11.90	13.0
100	QPSK	1	137	11.95	12.16	11.95	
100	QPSK	1	271	11.82	11.64	11.80	
100	QPSK	135	0	11.09	10.90	11.20	12.0
100	QPSK	135	69	12.23	12.27	12.19	13.0
100	QPSK	135	138	11.25	11.13	11.15	12.0
100	QPSK	270	0	11.05	11.01	11.22	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.17	12.09	12.38	13.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.17	12.48	12.11	13.0

NR n77(3450~3550MHz) Ant.4-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.86		13.0
100	PI/2 BPSK	1	137		12.12		
100	PI/2 BPSK	1	271		11.99		
100	PI/2 BPSK	135	0		11.53		12.5
100	PI/2 BPSK	135	69		12.17		13.0
100	PI/2 BPSK	135	138		11.80		12.5
100	PI/2 BPSK	270	0		11.59		
100	QPSK	1	1		12.25		13.0
100	QPSK	1	137		12.19		
100	QPSK	1	271		12.08		
100	QPSK	135	0		11.04		12.0
100	QPSK	135	69		12.18		13.0
100	QPSK	135	138		11.14		12.0
100	QPSK	270	0		11.16		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	11.88	11.87	11.90	13.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	11.91	11.89	11.92	13.0

NR n77(3450~3550MHz) Ant.4-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		8.94		10.0
100	PI/2 BPSK	1	137		9.13		
100	PI/2 BPSK	1	271		9.01		
100	PI/2 BPSK	135	0		8.54		9.5
100	PI/2 BPSK	135	69		9.25		10.0
100	PI/2 BPSK	135	138		8.82		9.5
100	PI/2 BPSK	270	0		8.65		
100	QPSK	1	1		9.27		10.0
100	QPSK	1	137		9.14		
100	QPSK	1	271		9.07		
100	QPSK	135	0		8.10		9.0
100	QPSK	135	69		9.19		10.0
100	QPSK	135	138		8.29		9.0
100	QPSK	270	0		8.19		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	9.00	8.98	9.05	10.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	8.98	8.94	8.93	10.0

NR n77(3700~3980MHz) Ant.1-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	12.00	12.35	12.12	13.0
100	PI/2 BPSK	1	137	12.05	11.73	11.72	
100	PI/2 BPSK	1	271	11.62	11.79	11.91	
100	PI/2 BPSK	135	0	11.66	11.69	11.62	12.5
100	PI/2 BPSK	135	69	11.99	12.16	12.25	13.0
100	PI/2 BPSK	135	138	11.71	11.67	11.64	12.5
100	PI/2 BPSK	270	0	11.91	11.95	11.60	
100	QPSK	1	1	12.05	12.17	11.80	13.0
100	QPSK	1	137	11.92	12.04	12.13	
100	QPSK	1	271	11.85	11.58	11.71	
100	QPSK	135	0	11.01	10.92	10.73	12.0
100	QPSK	135	69	11.99	12.04	12.01	13.0
100	QPSK	135	138	10.98	10.90	10.97	12.0
100	QPSK	270	0	11.16	11.05	11.13	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	12.26	12.11	12.06	13.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	12.23	12.31	12.32	13.0

NR n77(3700~3980MHz) Ant.1-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	9.03	9.27	9.10	10.0
100	PI/2 BPSK	1	137	8.62	8.83	8.68	
100	PI/2 BPSK	1	271	8.67	8.74	8.74	
100	PI/2 BPSK	135	0	8.32	8.46	8.30	9.5
100	PI/2 BPSK	135	69	9.02	9.08	8.97	10.0
100	PI/2 BPSK	135	138	8.81	8.86	8.75	9.5
100	PI/2 BPSK	270	0	8.66	9.08	8.60	
100	QPSK	1	1	8.85	8.83	8.96	10.0
100	QPSK	1	137	8.80	8.91	8.69	
100	QPSK	1	271	8.69	8.50	8.71	
100	QPSK	135	0	8.00	7.98	7.80	9.0
100	QPSK	135	69	8.95	9.06	8.97	10.0
100	QPSK	135	138	7.94	7.85	8.10	9.0
100	QPSK	270	0	8.05	7.98	7.98	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	9.18	9.18	9.10	10.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	8.99	9.14	9.03	10.0

8.3.11 NR n78 Output Power

NR n78(3450~3550MHz) Ant.1-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		25.08		26.0
100	PI/2 BPSK	1	137		25.16		
100	PI/2 BPSK	1	271		24.95		
100	PI/2 BPSK	135	0		24.70		25.5
100	PI/2 BPSK	135	69		25.15		26.0
100	PI/2 BPSK	135	138		24.74		25.5
100	PI/2 BPSK	270	0		24.80		
100	QPSK	1	1		25.19		26.0
100	QPSK	1	137		25.10		
100	QPSK	1	271		25.17		
100	QPSK	135	0		24.02		25.0
100	QPSK	135	69		25.05		26.0
100	QPSK	135	138		24.06		25.0
100	QPSK	270	0		24.09		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	24.93	24.82	24.80	26.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	24.94	24.88	25.04	26.0

NR n78(3700~3800MHz) Ant.1-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.14		26.0
100	PI/2 BPSK	1	137		24.88		
100	PI/2 BPSK	1	271		24.79		
100	PI/2 BPSK	135	0		24.48		25.5
100	PI/2 BPSK	135	69		25.11		26.0
100	PI/2 BPSK	135	138		24.67		25.5
100	PI/2 BPSK	270	0		24.72		
100	QPSK	1	1		25.00		26.0
100	QPSK	1	137		24.91		
100	QPSK	1	271		24.67		
100	QPSK	135	0		23.88		25.0
100	QPSK	135	69		24.97		26.0
100	QPSK	135	138		23.95		25.0
100	QPSK	270	0		24.00		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.77	24.62	24.54	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.85	24.70	24.64	26.0

NR n78(3450~3550MHz) Ant.1-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		22.26		23.0
100	PI/2 BPSK	1	137		22.08		
100	PI/2 BPSK	1	271		21.95		
100	PI/2 BPSK	135	0		21.77		22.5
100	PI/2 BPSK	135	69		22.21		23.0
100	PI/2 BPSK	135	138		21.60		22.5
100	PI/2 BPSK	270	0		21.69		
100	QPSK	1	1		22.06		23.0
100	QPSK	1	137		22.14		
100	QPSK	1	271		21.67		
100	QPSK	135	0		20.93		22.0
100	QPSK	135	69		21.98		23.0
100	QPSK	135	138		21.07		22.0
100	QPSK	270	0		21.24		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	21.86	21.78	21.58	23.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	21.76	21.75	21.67	23.0

NR n78(3700~3800MHz) Ant.1-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.30		23.0
100	PI/2 BPSK	1	137		22.06		
100	PI/2 BPSK	1	271		21.97		
100	PI/2 BPSK	135	0		21.49		22.5
100	PI/2 BPSK	135	69		22.36		23.0
100	PI/2 BPSK	135	138		21.63		22.5
100	PI/2 BPSK	270	0		21.71		
100	QPSK	1	1		22.05		23.0
100	QPSK	1	137		21.92		
100	QPSK	1	271		21.97		
100	QPSK	135	0		21.15		22.0
100	QPSK	135	69		22.00		23.0
100	QPSK	135	138		21.05		22.0
100	QPSK	270	0		21.00		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.98	21.63	21.48	23.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.00	21.93	21.89	23.0

NR n78(3450~3550MHz) Ant.1-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		18.82		20.0
100	PI/2 BPSK	1	137		18.93		
100	PI/2 BPSK	1	271		19.11		
100	PI/2 BPSK	135	0		18.66		19.5
100	PI/2 BPSK	135	69		19.19		20.0
100	PI/2 BPSK	135	138		18.92		19.5
100	PI/2 BPSK	270	0		18.83		
100	QPSK	1	1		19.25		20.0
100	QPSK	1	137		19.10		
100	QPSK	1	271		19.23		
100	QPSK	135	0		18.13		19.0
100	QPSK	135	69		19.09		20.0
100	QPSK	135	138		18.11		19.0
100	QPSK	270	0		18.29		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	18.57	18.66	18.74	20.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	18.54	18.60	18.79	20.0

NR n78(3450~3550MHz) Ant.1-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.81		17.0
100	PI/2 BPSK	1	137		15.92		
100	PI/2 BPSK	1	271		16.22		
100	PI/2 BPSK	135	0		15.63		16.5
100	PI/2 BPSK	135	69		16.27		17.0
100	PI/2 BPSK	135	138		16.18		16.5
100	PI/2 BPSK	270	0		15.90		
100	QPSK	1	1		16.42		17.0
100	QPSK	1	137		16.26		
100	QPSK	1	271		16.22		
100	QPSK	135	0		15.11		16.0
100	QPSK	135	69		16.24		17.0
100	QPSK	135	138		15.15		16.0
100	QPSK	270	0		15.57		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.64	15.87	15.83	17.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.64	15.55	15.90	17.0

NR n78(3700~3800MHz) Ant.1-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.07		20.0
100	PI/2 BPSK	1	137		18.85		
100	PI/2 BPSK	1	271		18.73		
100	PI/2 BPSK	135	0		18.43		19.5
100	PI/2 BPSK	135	69		19.05		20.0
100	PI/2 BPSK	135	138		18.59		19.5
100	PI/2 BPSK	270	0		18.66		
100	QPSK	1	1		18.98		20.0
100	QPSK	1	137		18.84		
100	QPSK	1	271		18.66		
100	QPSK	135	0		17.80		19.0
100	QPSK	135	69		18.95		20.0
100	QPSK	135	138		17.86		19.0
100	QPSK	270	0		17.93		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.15	19.15	19.18	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.17	19.20	19.13	20.0

NR n78(3700~3800MHz) Ant.1-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.06		17.0
100	PI/2 BPSK	1	137		15.79		
100	PI/2 BPSK	1	271		15.96		
100	PI/2 BPSK	135	0		15.56		16.5
100	PI/2 BPSK	135	69		16.11		17.0
100	PI/2 BPSK	135	138		15.51		16.5
100	PI/2 BPSK	270	0		15.92		
100	QPSK	1	1		16.37		17.0
100	QPSK	1	137		16.10		
100	QPSK	1	271		15.85		
100	QPSK	135	0		14.91		16.0
100	QPSK	135	69		16.06		17.0
100	QPSK	135	138		14.93		16.0
100	QPSK	270	0		14.87		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.16	16.26	16.18	17.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.20	16.30	16.22	17.0

NR n78(3450~3550MHz) Ant.1-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		18.04		19.0
100	PI/2 BPSK	1	137		18.14		
100	PI/2 BPSK	1	271		17.78		
100	PI/2 BPSK	135	0		17.48		18.5
100	PI/2 BPSK	135	69		18.09		19.0
100	PI/2 BPSK	135	138		17.74		18.5
100	PI/2 BPSK	270	0		17.78		
100	QPSK	1	1		18.34		19.0
100	QPSK	1	137		17.98		
100	QPSK	1	271		18.16		
100	QPSK	135	0		16.95		18.0
100	QPSK	135	69		18.28		19.0
100	QPSK	135	138		17.18		18.0
100	QPSK	270	0		17.22		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	18.27	17.85	18.02	19.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	17.74	17.79	18.06	19.0

NR n78(3450~3550MHz) Ant.1-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.04		16.0
100	PI/2 BPSK	1	137		15.22		
100	PI/2 BPSK	1	271		14.89		
100	PI/2 BPSK	135	0		14.39		15.5
100	PI/2 BPSK	135	69		15.22		16.0
100	PI/2 BPSK	135	138		14.89		15.5
100	PI/2 BPSK	270	0		14.78		
100	QPSK	1	1		15.25		16.0
100	QPSK	1	137		15.10		
100	QPSK	1	271		15.19		
100	QPSK	135	0		13.88		15.0
100	QPSK	135	69		15.58		16.0
100	QPSK	135	138		14.12		15.0
100	QPSK	270	0		14.34		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.36	14.81	15.23	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	14.95	14.80	15.11	16.0

NR n78(3700~3800MHz) Ant.1- Table 3--PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.17		19.0
100	PI/2 BPSK	1	137		18.12		
100	PI/2 BPSK	1	271		17.75		
100	PI/2 BPSK	135	0		17.70		18.5
100	PI/2 BPSK	135	69		18.07		19.0
100	PI/2 BPSK	135	138		17.77		18.5
100	PI/2 BPSK	270	0		17.67		
100	QPSK	1	1		18.19		19.0
100	QPSK	1	137		17.93		
100	QPSK	1	271		17.85		
100	QPSK	135	0		16.80		18.0
100	QPSK	135	69		18.12		19.0
100	QPSK	135	138		17.11		18.0
100	QPSK	270	0		17.20		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.65	17.64	17.51	19.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.05	18.83	18.72	19.0

NR n78(3700~3800MHz) Ant.1- Table 3--PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.23		16.0
100	PI/2 BPSK	1	137		15.02		
100	PI/2 BPSK	1	271		14.92		
100	PI/2 BPSK	135	0		14.62		15.5
100	PI/2 BPSK	135	69		15.07		16.0
100	PI/2 BPSK	135	138		14.73		15.5
100	PI/2 BPSK	270	0		14.57		
100	QPSK	1	1		14.89		16.0
100	QPSK	1	137		14.94		
100	QPSK	1	271		14.72		
100	QPSK	135	0		13.98		15.0
100	QPSK	135	69		15.11		16.0
100	QPSK	135	138		14.07		15.0
100	QPSK	270	0		14.32		
Channel				648334	650000	651666	648334
Frequency (MHz)				3725.01	3750	3774.99	3725.01
50	PI/2 BPSK	1	1	15.11	14.66	14.55	16.0
Channel				647334	650000	652666	647334
Frequency (MHz)				3710.01	3750	3789.99	3710.01
20	PI/2 BPSK	1	1	14.69	15.88	15.76	16.0

NR n78(3450~3550MHz) Ant.1-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.00		16.0
100	PI/2 BPSK	1	137		15.06		
100	PI/2 BPSK	1	271		14.91		
100	PI/2 BPSK	135	0		14.40		15.5
100	PI/2 BPSK	135	69		15.11		16.0
100	PI/2 BPSK	135	138		14.64		15.5
100	PI/2 BPSK	270	0		14.62		
100	QPSK	1	1		15.21		16.0
100	QPSK	1	137		15.29		
100	QPSK	1	271		14.87		
100	QPSK	135	0		14.19		15.0
100	QPSK	135	69		15.14		16.0
100	QPSK	135	138		14.11		15.0
100	QPSK	270	0		14.16		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.09	14.87	14.96	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.14	14.97	14.72	16.0

NR n78(3450~3550MHz) Ant.1-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.82		13.0
100	PI/2 BPSK	1	137		12.15		
100	PI/2 BPSK	1	271		11.95		
100	PI/2 BPSK	135	0		11.50		12.5
100	PI/2 BPSK	135	69		12.19		13.0
100	PI/2 BPSK	135	138		11.52		12.5
100	PI/2 BPSK	270	0		11.59		
100	QPSK	1	1		12.23		13.0
100	QPSK	1	137		12.34		
100	QPSK	1	271		12.09		
100	QPSK	135	0		11.22		12.0
100	QPSK	135	69		12.32		13.0
100	QPSK	135	138		11.18		12.0
100	QPSK	270	0		11.07		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	12.24	12.07	12.17	13.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	12.34	12.03	11.84	13.0

NR n78(3700~3800MHz) Ant.1-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.28		16.0
100	PI/2 BPSK	1	137		14.89		
100	PI/2 BPSK	1	271		14.83		
100	PI/2 BPSK	135	0		14.57		15.5
100	PI/2 BPSK	135	69		15.19		16.0
100	PI/2 BPSK	135	138		14.67		15.5
100	PI/2 BPSK	270	0		14.75		
100	QPSK	1	1		15.05		16.0
100	QPSK	1	137		14.95		
100	QPSK	1	271		14.75		
100	QPSK	135	0		13.90		15.0
100	QPSK	135	69		15.01		16.0
100	QPSK	135	138		14.02		15.0
100	QPSK	270	0		14.03		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.13	15.04	15.09	16.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.06	15.07	15.04	16.0

NR n78(3700~3800MHz) Ant.1-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.13		13.0
100	PI/2 BPSK	1	137		11.79		
100	PI/2 BPSK	1	271		11.74		
100	PI/2 BPSK	135	0		11.55		12.5
100	PI/2 BPSK	135	69		12.14		13.0
100	PI/2 BPSK	135	138		11.57		12.5
100	PI/2 BPSK	270	0		11.66		
100	QPSK	1	1		12.00		13.0
100	QPSK	1	137		11.88		
100	QPSK	1	271		11.73		
100	QPSK	135	0		10.87		12.0
100	QPSK	135	69		11.94		13.0
100	QPSK	135	138		10.98		12.0
100	QPSK	270	0		11.01		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	12.16	12.08	12.08	13.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	12.15	12.08	12.12	13.0

NR n78(3450~3550MHz) Ant.4-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		24.97		26.0
100	PI/2 BPSK	1	137		25.07		
100	PI/2 BPSK	1	271		24.84		
100	PI/2 BPSK	135	0		24.61		25.5
100	PI/2 BPSK	135	69		25.22		26.0
100	PI/2 BPSK	135	138		24.93		25.5
100	PI/2 BPSK	270	0		24.79		
100	QPSK	1	1		25.28		26.0
100	QPSK	1	137		25.00		
100	QPSK	1	271		25.20		
100	QPSK	135	0		23.88		25.0
100	QPSK	135	69		25.04		26.0
100	QPSK	135	138		24.24		25.0
100	QPSK	270	0		24.25		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	24.88	24.91	24.64	26.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	24.75	24.70	25.04	26.0

NR n78(3700~3800MHz) Ant.4-Full Power-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		25.18		26.0
100	PI/2 BPSK	1	137		24.79		
100	PI/2 BPSK	1	271		24.73		
100	PI/2 BPSK	135	0		24.65		25.5
100	PI/2 BPSK	135	69		25.00		26.0
100	PI/2 BPSK	135	138		24.52		25.5
100	PI/2 BPSK	270	0		24.65		
100	QPSK	1	1		25.10		26.0
100	QPSK	1	137		24.96		
100	QPSK	1	271		24.78		
100	QPSK	135	0		23.94		25.0
100	QPSK	135	69		24.98		26.0
100	QPSK	135	138		23.92		25.0
100	QPSK	270	0		24.01		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.60	24.50	24.38	26.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.97	24.66	24.68	26.0

NR n78(3450~3550MHz) Ant.4-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		22.18		23.0
100	PI/2 BPSK	1	137		22.19		
100	PI/2 BPSK	1	271		21.87		
100	PI/2 BPSK	135	0		21.71		22.5
100	PI/2 BPSK	135	69		22.16		23.0
100	PI/2 BPSK	135	138		21.77		22.5
100	PI/2 BPSK	270	0		21.83		
100	QPSK	1	1		22.11		23.0
100	QPSK	1	137		22.22		
100	QPSK	1	271		21.57		
100	QPSK	135	0		20.88		22.0
100	QPSK	135	69		22.17		23.0
100	QPSK	135	138		21.07		22.0
100	QPSK	270	0		21.14		
Channel				632000	633334	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3500.01	3519.99	
60	QPSK	1	1	21.97	21.91	21.39	23.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	21.65	21.86	21.54	23.0

NR n78(3700~3800MHz) Ant.4-Full Power-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		22.36		23.0
100	PI/2 BPSK	1	137		22.06		
100	PI/2 BPSK	1	271		22.03		
100	PI/2 BPSK	135	0		21.49		22.5
100	PI/2 BPSK	135	69		22.50		23.0
100	PI/2 BPSK	135	138		21.65		22.5
100	PI/2 BPSK	270	0		21.71		
100	QPSK	1	1		22.10		23.0
100	QPSK	1	137		22.04		
100	QPSK	1	271		22.07		
100	QPSK	135	0		21.30		22.0
100	QPSK	135	69		22.08		23.0
100	QPSK	135	138		20.86		22.0
100	QPSK	270	0		21.14		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	22.06	21.44	21.55	23.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.94	21.77	21.78	23.0

NR n78(3450~3550MHz) Ant.4-Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		18.77		20.0
100	PI/2 BPSK	1	137		19.03		
100	PI/2 BPSK	1	271		19.24		
100	PI/2 BPSK	135	0		18.59		19.5
100	PI/2 BPSK	135	69		19.21		20.0
100	PI/2 BPSK	135	138		19.01		19.5
100	PI/2 BPSK	270	0		18.65		
100	QPSK	1	1		19.31		20.0
100	QPSK	1	137		19.15		
100	QPSK	1	271		19.22		
100	QPSK	135	0		18.26		19.0
100	QPSK	135	69		19.27		20.0
100	QPSK	135	138		18.03		19.0
100	QPSK	270	0		18.18		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	18.44	18.68	18.70	20.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	18.70	18.46	18.82	20.0

NR n78(3450~3550MHz) Ant.4-Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.87		17.0
100	PI/2 BPSK	1	137		15.77		
100	PI/2 BPSK	1	271		16.35		
100	PI/2 BPSK	135	0		15.47		16.5
100	PI/2 BPSK	135	69		16.39		17.0
100	PI/2 BPSK	135	138		16.20		16.5
100	PI/2 BPSK	270	0		16.02		
100	QPSK	1	1		16.50		17.0
100	QPSK	1	137		16.22		
100	QPSK	1	271		16.10		
100	QPSK	135	0		15.11		16.0
100	QPSK	135	69		16.34		17.0
100	QPSK	135	138		15.27		16.0
100	QPSK	270	0		15.64		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.54	15.90	15.88	17.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.58	15.49	15.74	17.0

NR n78(3700~3800MHz) Ant.4- Table 2-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.19		20.0
100	PI/2 BPSK	1	137		19.06		
100	PI/2 BPSK	1	271		18.88		
100	PI/2 BPSK	135	0		18.45		19.5
100	PI/2 BPSK	135	69		18.94		20.0
100	PI/2 BPSK	135	138		18.74		19.5
100	PI/2 BPSK	270	0		18.86		
100	QPSK	1	1		18.85		20.0
100	QPSK	1	137		18.83		
100	QPSK	1	271		18.73		
100	QPSK	135	0		17.80		19.0
100	QPSK	135	69		19.10		20.0
100	QPSK	135	138		18.03		19.0
100	QPSK	270	0		18.18		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.86	18.69	18.73	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.86	18.60	18.53	20.0

NR n78(3700~3800MHz) Ant.1- Table 2-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.32		17.0
100	PI/2 BPSK	1	137		16.06		
100	PI/2 BPSK	1	271		15.85		
100	PI/2 BPSK	135	0		15.53		16.5
100	PI/2 BPSK	135	69		16.01		17.0
100	PI/2 BPSK	135	138		15.71		16.5
100	PI/2 BPSK	270	0		15.89		
100	QPSK	1	1		15.99		17.0
100	QPSK	1	137		16.12		
100	QPSK	1	271		15.38		
100	QPSK	135	0		15.02		16.0
100	QPSK	135	69		16.28		17.0
100	QPSK	135	138		15.10		16.0
100	QPSK	270	0		15.17		
Channel				648334	650000	651666	648334 3725.01
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.04	15.71	15.56	17.0
Channel				647334	650000	652666	647334 3710.01
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.02	16.09	15.80	17.0

NR n78(3450~3550MHz) Ant.4-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		15.00		16.0
100	PI/2 BPSK	1	137		15.18		
100	PI/2 BPSK	1	271		14.73		
100	PI/2 BPSK	135	0		14.42		15.5
100	PI/2 BPSK	135	69		15.03		16.0
100	PI/2 BPSK	135	138		14.76		15.5
100	PI/2 BPSK	270	0		15.06		
100	QPSK	1	1		15.34		16.0
100	QPSK	1	137		15.13		
100	QPSK	1	271		15.29		
100	QPSK	135	0		14.12		15.0
100	QPSK	135	69		15.05		16.0
100	QPSK	135	138		14.25		15.0
100	QPSK	270	0		14.41		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.13	15.11	15.10	16.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	14.94	14.76	15.33	16.0

NR n78(3450~3550MHz) Ant.4-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.94		13.0
100	PI/2 BPSK	1	137		12.48		
100	PI/2 BPSK	1	271		11.79		
100	PI/2 BPSK	135	0		11.72		12.5
100	PI/2 BPSK	135	69		11.93		13.0
100	PI/2 BPSK	135	138		11.79		12.5
100	PI/2 BPSK	270	0		12.23		
100	QPSK	1	1		12.48		13.0
100	QPSK	1	137		12.04		
100	QPSK	1	271		12.51		
100	QPSK	135	0		11.17		12.0
100	QPSK	135	69		11.99		13.0
100	QPSK	135	138		11.18		12.0
100	QPSK	270	0		11.44		
Channel				631668	633334	635000	
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	12.12	12.33	12.37	13.0
Channel				630668	633334	636000	
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	12.17	11.86	12.23	13.0

NR n78(3700~3800MHz) Ant.4-Table 3-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.17		16.0
100	PI/2 BPSK	1	137		14.80		
100	PI/2 BPSK	1	271		14.75		
100	PI/2 BPSK	135	0		14.44		15.5
100	PI/2 BPSK	135	69		15.02		16.0
100	PI/2 BPSK	135	138		14.58		15.5
100	PI/2 BPSK	270	0		14.64		
100	QPSK	1	1		14.90		16.0
100	QPSK	1	137		14.89		
100	QPSK	1	271		14.66		
100	QPSK	135	0		13.78		15.0
100	QPSK	135	69		14.87		16.0
100	QPSK	135	138		13.91		15.0
100	QPSK	270	0		13.94		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.11	15.10	15.06	16.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.10	15.13	15.00	16.0

NR n78(3700~3800MHz) Ant.4-Table 3-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.25		13.0
100	PI/2 BPSK	1	137		11.88		
100	PI/2 BPSK	1	271		11.83		
100	PI/2 BPSK	135	0		11.52		12.5
100	PI/2 BPSK	135	69		12.10		13.0
100	PI/2 BPSK	135	138		11.66		12.5
100	PI/2 BPSK	270	0		11.72		
100	QPSK	1	1		11.98		13.0
100	QPSK	1	137		11.97		
100	QPSK	1	271		11.74		
100	QPSK	135	0		10.86		12.0
100	QPSK	135	69		11.95		13.0
100	QPSK	135	138		10.99		12.0
100	QPSK	270	0		11.02		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	12.19	12.18	12.14	13.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	12.18	12.21	12.08	13.0

NR n78(3450~3550MHz) Ant.4-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		11.86		13.0
100	PI/2 BPSK	1	137		12.12		
100	PI/2 BPSK	1	271		11.99		
100	PI/2 BPSK	135	0		11.53		12.5
100	PI/2 BPSK	135	69		12.17		13.0
100	PI/2 BPSK	135	138		11.80		12.5
100	PI/2 BPSK	270	0		11.59		
100	QPSK	1	1		12.25		13.0
100	QPSK	1	137		12.19		
100	QPSK	1	271		12.08		
100	QPSK	135	0		11.04		12.0
100	QPSK	135	69		12.18		13.0
100	QPSK	135	138		11.14		12.0
100	QPSK	270	0		11.16		
Channel				631668	633334	635000	632000
Frequency (MHz)				3475.02	3500.01	3525	3480
50	QPSK	1	1	11.88	11.87	11.90	13.0
Channel				630668	633334	636000	631668
Frequency (MHz)				3460.02	3500.01	3540	3475.02
20	QPSK	1	1	11.91	11.95	11.90	13.0

NR n78(3450~3550MHz) Ant.4-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633334		
Frequency (MHz)					3500.01		
100	PI/2 BPSK	1	1		8.65		10.0
100	PI/2 BPSK	1	137		9.21		
100	PI/2 BPSK	1	271		8.92		
100	PI/2 BPSK	135	0		8.53		9.5
100	PI/2 BPSK	135	69		9.32		10.0
100	PI/2 BPSK	135	138		8.85		9.5
100	PI/2 BPSK	270	0		8.76		
100	QPSK	1	1		1.03		10.0
100	QPSK	1	137		9.11		
100	QPSK	1	271		8.92		
100	QPSK	135	0		7.96		9.0
100	QPSK	135	69		9.21		10.0
100	QPSK	135	138		8.24		9.0
100	QPSK	270	0		8.10		
Channel				631668	633334	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	8.67	8.90	8.95	10.0
Channel				630668	633334	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	8.93	8.91	9.06	10.0

NR n78(3700~3800MHz) Ant.4-Table 7-PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		12.20		13.0
100	PI/2 BPSK	1	137		11.79		
100	PI/2 BPSK	1	271		11.69		
100	PI/2 BPSK	135	0		11.39		12.5
100	PI/2 BPSK	135	69		12.04		13.0
100	PI/2 BPSK	135	138		11.64		12.5
100	PI/2 BPSK	270	0		11.62		
100	QPSK	1	1		11.92		13.0
100	QPSK	1	137		11.81		
100	QPSK	1	271		11.61		
100	QPSK	135	0		10.81		12.0
100	QPSK	135	69		11.96		13.0
100	QPSK	135	138		10.94		12.0
100	QPSK	270	0		10.94		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	12.07	12.12	12.04	13.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	12.12	12.08	12.05	13.0

NR n78(3700~3800MHz) Ant.4-Table 7-PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		9.16		10.0
100	PI/2 BPSK	1	137		8.97		
100	PI/2 BPSK	1	271		8.68		
100	PI/2 BPSK	135	0		8.48		9.5
100	PI/2 BPSK	135	69		8.97		10.0
100	PI/2 BPSK	135	138		8.71		9.5
100	PI/2 BPSK	270	0		8.53		
100	QPSK	1	1		8.77		10.0
100	QPSK	1	137		8.95		
100	QPSK	1	271		8.64		
100	QPSK	135	0		8.01		9.0
100	QPSK	135	69		8.93		10.0
100	QPSK	135	138		8.12		9.0
100	QPSK	270	0		8.07		
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	9.23	9.12	9.07	10.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	9.12	9.16	9.18	10.0