

8 CONDUCTED RF OUPUT POWER

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8.1.1 LTE Band2 Output Power

LTE B2-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.26	22.28	22.36	23.50
		MID	QPSK	22.28	22.26	22.35	23.50
		HIGH	QPSK	22.22	22.21	22.29	23.50
	3	LOW	QPSK	22.31	22.25	22.40	23.50
		MID	QPSK	22.27	22.30	22.38	23.50
		HIGH	QPSK	22.23	22.39	22.35	23.50
	6	LOW	QPSK	21.26	21.38	21.36	22.50
	1.4	LOW	Q16	21.78	21.56	21.52	22.50
		MID	Q16	21.60	21.58	21.81	22.50
		HIGH	Q16	21.79	21.67	21.64	22.50
	3	LOW	Q16	21.48	21.45	21.54	22.50
		MID	Q16	21.30	21.45	21.55	22.50
		HIGH	Q16	21.33	21.29	21.55	22.50
	6	LOW	Q16	20.36	20.38	20.47	21.50
1.4	1	LOW	64QAM	20.51	20.43	20.59	21.50
		MID	64QAM	20.57	20.49	20.40	21.50
		HIGH	64QAM	20.40	20.44	20.55	21.50
	3	LOW	64QAM	20.36	20.29	20.34	21.50
		MID	64QAM	20.51	20.51	20.26	21.50
		HIGH	64QAM	20.31	20.39	20.40	21.50
	6	LOW	64QAM	19.27	19.34	19.45	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	22.66	22.55	22.59	23.50
		MID	QPSK	22.38	22.72	22.48	23.50
		HIGH	QPSK	22.64	22.68	22.45	23.50
	8	LOW	QPSK	21.03	21.07	20.91	22.50
		MID	QPSK	21.35	21.61	21.59	22.50
		HIGH	QPSK	20.95	20.77	20.64	22.50
	15	LOW	QPSK	21.13	21.43	21.44	22.50
	3	LOW	Q16	21.64	21.73	21.71	22.50
		MID	Q16	21.37	21.61	21.90	22.50
		HIGH	Q16	21.44	21.71	21.58	22.50
	8	LOW	Q16	20.00	20.35	19.82	21.50
		MID	Q16	20.31	20.43	20.57	21.50
		HIGH	Q16	19.63	19.83	19.85	21.50
	15	LOW	Q16	20.35	20.47	20.58	21.50
3	1	LOW	64QAM	20.54	20.92	20.51	21.50
		MID	64QAM	20.81	20.93	20.65	21.50
		HIGH	64QAM	20.57	20.87	20.67	21.50
	8	LOW	64QAM	19.12	18.82	18.59	20.50
		MID	64QAM	19.31	19.28	19.34	20.50
		HIGH	64QAM	19.19	18.60	19.09	20.50
	15	LOW	64QAM	19.20	19.28	19.48	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	22.53	22.62	22.49	23.50
		MID	QPSK	22.47	22.65	22.60	23.50
		HIGH	QPSK	22.67	22.44	22.30	23.50
	12	LOW	QPSK	21.04	20.94	20.97	22.50
		MID	QPSK	21.49	21.53	21.44	22.50
		HIGH	QPSK	20.96	20.67	20.85	22.50
	25	LOW	QPSK	21.20	21.44	21.40	22.50
	5	LOW	Q16	21.36	21.71	21.85	22.50
		MID	Q16	21.52	21.83	21.86	22.50
		HIGH	Q16	21.35	21.91	21.65	22.50
	12	LOW	Q16	20.05	20.17	20.01	21.50
		MID	Q16	20.38	20.59	20.44	21.50
		HIGH	Q16	19.73	19.69	19.72	21.50
	25	LOW	Q16	20.21	20.40	20.54	21.50
5	1	LOW	64QAM	20.37	20.74	20.59	21.50
		MID	64QAM	20.89	20.92	20.62	21.50
		HIGH	64QAM	20.41	20.85	20.68	21.50
	12	LOW	64QAM	19.14	18.95	18.70	20.50
		MID	64QAM	19.27	19.27	19.54	20.50
		HIGH	64QAM	18.94	18.94	18.87	20.50
	25	LOW	64QAM	19.20	19.28	19.53	20.50

LTE B2-Full Power -Ant.0								
Bandwidth (M	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm	
10	1	LOW	QPSK	22.59	22.58	22.62	23.50	
		MID	QPSK	22.40	22.84	22.41	23.50	
		HIGH	QPSK	22.65	22.42	22.33	23.50	
	25	LOW	QPSK	21.10	20.99	21.16	22.50	
		MID	QPSK	21.33	21.38	21.42	22.50	
		HIGH	QPSK	20.97	20.76	20.69	22.50	
	50	LOW	QPSK	21.22	21.40	21.43	22.50	
	10	1	LOW	Q16	21.42	21.75	21.79	22.50
			MID	Q16	21.59	21.85	21.81	22.50
HIGH			Q16	21.34	21.97	21.63	22.50	
25		LOW	Q16	19.97	20.15	19.93	21.50	
		MID	Q16	20.47	20.34	20.65	21.50	
		HIGH	Q16	19.78	19.63	19.73	21.50	
50		LOW	Q16	20.32	20.49	20.60	21.50	
10		1	LOW	64QAM	20.37	20.91	20.57	21.50
			MID	64QAM	20.60	20.86	20.61	21.50
	HIGH		64QAM	20.60	20.64	20.62	21.50	
	25	LOW	64QAM	18.95	18.92	18.68	20.50	
		MID	64QAM	19.39	19.33	19.50	20.50	
		HIGH	64QAM	19.02	18.94	18.90	20.50	
	50	LOW	64QAM	19.33	19.48	19.53	20.50	
	Bandwidth (M	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm
	15	1	LOW	QPSK	22.74	22.44	22.45	23.50
MID			QPSK	22.34	22.84	22.52	23.50	
HIGH			QPSK	22.74	22.63	22.35	23.50	
36		LOW	QPSK	20.98	21.05	21.12	22.50	
		MID	QPSK	21.21	21.59	21.41	22.50	
		HIGH	QPSK	20.92	20.93	20.87	22.50	
75		LOW	QPSK	21.21	21.38	21.43	22.50	
15		1	LOW	Q16	21.63	21.68	21.75	22.50
			MID	Q16	21.43	21.73	21.74	22.50
	HIGH		Q16	21.50	21.76	21.75	22.50	
	36	LOW	Q16	20.08	20.25	20.00	21.50	
		MID	Q16	20.51	20.35	20.55	21.50	
		HIGH	Q16	19.78	19.66	19.87	21.50	
	75	LOW	Q16	20.47	20.44	20.50	21.50	
	15	1	LOW	64QAM	20.58	20.87	20.71	21.50
			MID	64QAM	20.72	20.93	20.57	21.50
HIGH			64QAM	20.42	20.61	20.54	21.50	
36		LOW	64QAM	19.08	18.59	18.82	20.50	
		MID	64QAM	19.31	19.42	19.37	20.50	
		HIGH	64QAM	18.91	18.87	18.97	20.50	
75	LOW	64QAM	19.28	19.37	19.47	20.50		
Bandwidth (M	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm	
20	1	LOW	QPSK	22.64	22.54	22.57	23.50	
		MID	QPSK	22.37	22.48	22.74	23.50	
		HIGH	QPSK	22.71	22.40	22.57	23.50	
	50	LOW	QPSK	20.97	21.02	21.06	22.50	
		MID	QPSK	21.34	21.50	21.55	22.50	
		HIGH	QPSK	20.93	20.79	20.78	22.50	
	100	LOW	QPSK	21.27	21.45	21.52	22.50	
	20	1	LOW	Q16	21.51	21.65	21.70	22.50
			MID	Q16	21.50	21.75	21.79	22.50
HIGH			Q16	21.43	21.82	21.65	22.50	
50		LOW	Q16	19.99	20.21	19.94	21.50	
		MID	Q16	20.37	20.46	20.55	21.50	
		HIGH	Q16	19.72	19.71	19.72	21.50	
100		LOW	Q16	20.32	20.41	20.49	21.50	
20		1	LOW	64QAM	20.50	20.77	20.62	21.50
			MID	64QAM	20.74	20.78	20.66	21.50
	HIGH		64QAM	20.53	20.75	20.64	21.50	
	50	LOW	64QAM	19.03	18.51	18.67	20.50	
		MID	64QAM	19.41	19.42	19.49	20.50	
		HIGH	64QAM	19.04	18.53	18.99	20.50	
	100	LOW	64QAM	19.25	19.37	19.52	20.50	

LTE B2-State1&2 -Ant.0							
Bandwidth (M	RB Size	RB offset	Modulation	18607	18900	19193	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.29	20.51	20.39	21.00
		MID	QPSK	20.46	20.33	20.43	21.00
		HIGH	QPSK	20.39	20.28	20.51	21.00
	3	LOW	QPSK	20.34	20.30	20.41	21.00
		MID	QPSK	20.34	20.26	20.61	21.00
		HIGH	QPSK	20.39	20.25	20.44	21.00
	6	LOW	QPSK	19.48	19.32	19.57	20.00
1.4	1	LOW	Q16	19.44	19.31	19.47	20.00
		MID	Q16	19.20	19.40	19.33	20.00
		HIGH	Q16	19.15	19.35	19.22	20.00
	3	LOW	Q16	19.73	19.72	19.90	20.00
		MID	Q16	19.81	19.73	19.85	20.00
		HIGH	Q16	19.86	19.95	19.93	20.00
	6	LOW	Q16	18.39	18.48	18.42	19.00
1.4	1	LOW	64QAM	18.44	18.61	18.36	19.00
		MID	64QAM	18.31	18.57	18.52	19.00
		HIGH	64QAM	18.39	18.46	18.48	19.00
	3	LOW	64QAM	18.72	18.87	18.86	19.00
		MID	64QAM	18.81	18.60	18.81	19.00
		HIGH	64QAM	18.55	18.86	18.79	19.00
	6	LOW	64QAM	17.51	17.40	17.33	18.00
Bandwidth (M	RB Size	RB offset	Modulation	18615	18900	19185	Tune-up power(dBm)
3	1	LOW	QPSK	20.21	20.33	20.44	21.00
		MID	QPSK	20.36	20.52	20.60	21.00
		HIGH	QPSK	20.43	20.25	20.38	21.00
	8	LOW	QPSK	19.29	19.36	19.36	20.00
		MID	QPSK	19.42	19.41	19.57	20.00
		HIGH	QPSK	19.28	19.41	19.45	20.00
	15	LOW	QPSK	19.21	19.29	19.23	20.00
3	1	LOW	Q16	19.51	19.63	19.91	20.00
		MID	Q16	19.81	19.70	19.55	20.00
		HIGH	Q16	19.62	19.70	19.96	20.00
	8	LOW	Q16	18.49	18.39	18.44	19.00
		MID	Q16	18.26	18.33	18.53	19.00
		HIGH	Q16	18.23	18.48	18.45	19.00
	15	LOW	Q16	18.26	18.30	18.29	19.00
3	1	LOW	64QAM	18.74	18.77	18.86	19.00
		MID	64QAM	18.55	18.65	18.68	19.00
		HIGH	64QAM	18.79	18.65	18.83	19.00
	8	LOW	64QAM	17.36	17.63	17.41	18.00
		MID	64QAM	17.36	17.61	17.50	18.00
		HIGH	64QAM	17.29	17.47	17.33	18.00
	15	LOW	64QAM	17.45	17.27	17.48	18.00
Bandwidth (M	RB Size	RB offset	Modulation	18625	18900	19175	Tune-up power(dBm)
5	1	LOW	QPSK	20.19	20.52	20.39	21.00
		MID	QPSK	20.39	20.50	20.49	21.00
		HIGH	QPSK	20.51	20.45	20.28	21.00
	12	LOW	QPSK	19.50	19.33	19.49	20.00
		MID	QPSK	19.47	19.24	19.57	20.00
		HIGH	QPSK	19.45	19.27	19.21	20.00
	25	LOW	QPSK	19.16	19.46	19.47	20.00
5	1	LOW	Q16	19.71	19.66	19.91	20.00
		MID	Q16	19.70	19.65	19.57	20.00
		HIGH	Q16	19.62	19.80	19.95	20.00
	12	LOW	Q16	18.32	18.61	18.46	19.00
		MID	Q16	18.28	18.50	18.53	19.00
		HIGH	Q16	18.44	18.56	18.41	19.00
	25	LOW	Q16	18.34	18.27	18.30	19.00
5	1	LOW	64QAM	18.83	18.70	18.90	19.00
		MID	64QAM	18.78	18.49	18.92	19.00
		HIGH	64QAM	18.81	18.71	18.69	19.00
	12	LOW	64QAM	17.38	17.55	17.30	18.00
		MID	64QAM	17.18	17.60	17.51	18.00
		HIGH	64QAM	17.38	17.36	17.36	18.00
	25	LOW	64QAM	17.54	17.36	17.21	18.00

LTE B2-State1&2 -Ant.0							
Bandwidth (M	RB Size	RB offset	Modulation	18650	18900	19150	Tune-up power(dBm)
10	1	LOW	QPSK	20.23	20.35	20.49	21.00
		MID	QPSK	20.46	20.55	20.50	21.00
		HIGH	QPSK	20.38	20.49	20.36	21.00
	25	LOW	QPSK	19.31	19.55	19.42	20.00
		MID	QPSK	19.35	19.50	19.38	20.00
		HIGH	QPSK	19.22	19.40	19.23	20.00
50	LOW	QPSK	19.43	19.37	19.33	20.00	
10	1	LOW	Q16	19.76	19.74	19.95	20.00
		MID	Q16	19.71	19.71	19.92	20.00
		HIGH	Q16	19.83	19.91	19.71	20.00
	25	LOW	Q16	18.28	18.38	18.53	19.00
		MID	Q16	18.41	18.46	18.49	19.00
		HIGH	Q16	18.31	18.30	18.30	19.00
50	LOW	Q16	18.15	18.21	18.34	19.00	
10	1	LOW	64QAM	18.58	18.71	18.59	19.00
		MID	64QAM	18.91	18.72	18.86	19.00
		HIGH	64QAM	18.82	18.91	18.85	19.00
	25	LOW	64QAM	17.24	17.60	17.18	18.00
		MID	64QAM	17.37	17.63	17.41	18.00
		HIGH	64QAM	17.23	17.23	17.59	18.00
50	LOW	64QAM	17.51	17.31	17.40	18.00	
Bandwidth (M	RB Size	RB offset	Modulation	18675	18900	19125	Tune-up power(dBm)
15	1	LOW	QPSK	20.19	20.48	20.41	21.00
		MID	QPSK	20.49	20.29	20.45	21.00
		HIGH	QPSK	20.22	20.36	20.35	21.00
	36	LOW	QPSK	19.44	19.61	19.57	20.00
		MID	QPSK	19.50	19.44	19.57	20.00
		HIGH	QPSK	19.32	19.34	19.31	20.00
75	LOW	QPSK	19.37	19.21	19.50	20.00	
15	1	LOW	Q16	19.57	19.57	19.74	20.00
		MID	Q16	19.89	19.71	19.85	20.00
		HIGH	Q16	19.72	19.93	19.70	20.00
	36	LOW	Q16	18.29	18.49	18.50	19.00
		MID	Q16	18.42	18.48	18.57	19.00
		HIGH	Q16	18.22	18.54	18.52	19.00
75	LOW	Q16	18.39	18.47	18.40	19.00	
15	1	LOW	64QAM	18.82	18.79	18.85	19.00
		MID	64QAM	18.84	18.66	18.91	19.00
		HIGH	64QAM	18.60	18.65	18.76	19.00
	36	LOW	64QAM	17.36	17.50	17.35	18.00
		MID	64QAM	17.38	17.64	17.44	18.00
		HIGH	64QAM	17.37	17.36	17.51	18.00
75	LOW	64QAM	17.55	17.19	17.30	18.00	
Bandwidth (M	RB Size	RB offset	Modulation	18700	18900	19100	Tune-up power(dBm)
20	1	LOW	QPSK	20.32	20.38	20.38	21.00
		MID	QPSK	20.42	20.41	20.47	21.00
		HIGH	QPSK	20.36	20.37	20.37	21.00
	50	LOW	QPSK	19.36	19.47	19.48	20.00
		MID	QPSK	19.39	19.39	19.43	20.00
		HIGH	QPSK	19.32	19.39	19.32	20.00
100	LOW	QPSK	19.29	19.33	19.37	20.00	
20	1	LOW	Q16	19.64	19.71	19.82	20.00
		MID	Q16	19.81	19.73	20.00	20.00
		HIGH	Q16	19.77	19.82	19.85	20.00
	50	LOW	Q16	18.35	18.47	18.44	19.00
		MID	Q16	18.39	18.46	18.50	19.00
		HIGH	Q16	18.36	18.43	18.42	19.00
100	LOW	Q16	18.29	18.34	18.39	19.00	
20	1	LOW	64QAM	18.73	18.79	18.96	19.00
		MID	64QAM	18.91	18.62	18.82	19.00
		HIGH	64QAM	18.72	18.80	18.73	19.00
	50	LOW	64QAM	17.28	17.51	17.29	18.00
		MID	64QAM	17.33	17.53	17.43	18.00
		HIGH	64QAM	17.31	17.37	17.46	18.00
100	LOW	64QAM	17.44	17.22	17.34	18.00	

8.1.2 LTE Band4 Output Power

LTE B4-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.19	22.43	22.39	23.50
		MID	QPSK	22.28	22.47	22.40	23.50
		HIGH	QPSK	22.27	22.44	22.39	23.50
	3	LOW	QPSK	22.31	22.43	22.47	23.50
		MID	QPSK	22.27	22.44	22.48	23.50
		HIGH	QPSK	22.30	22.35	22.38	23.50
	6	LOW	QPSK	21.32	21.46	21.38	22.50
	1.4	LOW	Q16	21.64	21.60	21.84	22.50
		MID	Q16	21.65	21.72	22.00	22.50
		HIGH	Q16	21.58	21.50	21.76	22.50
	3	LOW	Q16	21.39	21.63	21.58	22.50
		MID	Q16	21.39	21.52	21.54	22.50
		HIGH	Q16	21.40	21.58	21.49	22.50
	6	LOW	Q16	20.52	20.48	20.52	21.50
1.4	1	LOW	64QAM	20.49	20.50	20.62	21.50
		MID	64QAM	20.47	20.68	20.61	21.50
		HIGH	64QAM	20.51	20.64	20.56	21.50
	3	LOW	64QAM	20.33	20.47	20.49	21.50
		MID	64QAM	20.43	20.58	20.51	21.50
		HIGH	64QAM	20.34	20.58	20.56	21.50
	6	LOW	64QAM	19.25	19.48	19.45	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	22.58	22.61	22.58	23.50
		MID	QPSK	22.86	22.68	22.64	23.50
		HIGH	QPSK	22.36	22.50	22.77	23.50
	8	LOW	QPSK	21.13	20.71	21.30	22.50
		MID	QPSK	21.50	21.45	21.60	22.50
		HIGH	QPSK	21.04	20.83	21.27	22.50
	15	LOW	QPSK	21.66	21.30	21.54	22.50
	3	LOW	Q16	21.54	21.97	22.07	22.50
		MID	Q16	21.52	21.87	21.92	22.50
		HIGH	Q16	21.57	21.66	21.85	22.50
	8	LOW	Q16	20.18	20.02	20.11	21.50
		MID	Q16	20.38	20.48	20.74	21.50
		HIGH	Q16	20.15	19.94	20.04	21.50
	15	LOW	Q16	20.34	20.47	20.42	21.50
3	1	LOW	64QAM	20.65	20.67	20.88	21.50
		MID	64QAM	20.68	20.66	20.64	21.50
		HIGH	64QAM	20.53	20.67	20.81	21.50
	8	LOW	64QAM	19.32	18.62	19.14	20.50
		MID	64QAM	19.61	19.54	19.64	20.50
		HIGH	64QAM	18.99	18.78	18.84	20.50
	15	LOW	64QAM	19.32	19.51	19.61	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	22.78	22.53	22.37	23.50
		MID	QPSK	22.88	22.61	22.42	23.50
		HIGH	QPSK	22.31	22.44	22.77	23.50
	12	LOW	QPSK	21.34	20.78	21.46	22.50
		MID	QPSK	21.38	21.52	21.47	22.50
		HIGH	QPSK	20.95	20.85	21.35	22.50
	25	LOW	QPSK	21.65	21.50	21.44	22.50
	5	LOW	Q16	21.54	22.07	22.12	22.50
		MID	Q16	21.55	21.71	21.81	22.50
		HIGH	Q16	21.75	21.63	21.74	22.50
	12	LOW	Q16	20.03	19.80	20.28	21.50
		MID	Q16	20.42	20.44	20.47	21.50
		HIGH	Q16	20.38	19.98	20.21	21.50
	25	LOW	Q16	20.51	20.47	20.62	21.50
5	1	LOW	64QAM	20.71	20.63	20.87	21.50
		MID	64QAM	20.61	20.74	20.73	21.50
		HIGH	64QAM	20.58	20.77	20.63	21.50
	12	LOW	64QAM	19.11	18.77	19.13	20.50
		MID	64QAM	19.35	19.33	19.65	20.50
		HIGH	64QAM	18.85	18.74	18.86	20.50
	25	LOW	64QAM	19.36	19.36	19.61	20.50

LTE B4-Full Power -Ant.0							
Bandwidth (M	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm
10	1	LOW	QPSK	22.77	22.47	22.51	23.50
		MID	QPSK	22.76	22.61	22.56	23.50
		HIGH	QPSK	22.37	22.67	23.01	23.50
	25	LOW	QPSK	21.28	20.60	21.46	22.50
		MID	QPSK	21.61	21.43	21.55	22.50
		HIGH	QPSK	21.02	21.05	21.20	22.50
	50	LOW	QPSK	21.61	21.26	21.57	22.50
10	1	LOW	Q16	21.70	22.00	22.02	22.50
		MID	Q16	21.72	21.84	21.74	22.50
		HIGH	Q16	21.73	21.87	21.71	22.50
	25	LOW	Q16	20.27	19.98	20.16	21.50
		MID	Q16	20.53	20.39	20.63	21.50
		HIGH	Q16	20.22	19.80	20.18	21.50
	50	LOW	Q16	20.53	20.49	20.62	21.50
10	1	LOW	64QAM	20.50	20.60	20.74	21.50
		MID	64QAM	20.54	20.79	20.62	21.50
		HIGH	64QAM	20.53	20.69	20.85	21.50
	25	LOW	64QAM	19.33	18.78	19.16	20.50
		MID	64QAM	19.49	19.57	19.60	20.50
		HIGH	64QAM	18.92	18.78	19.11	20.50
	50	LOW	64QAM	19.42	19.48	19.62	20.50
Bandwidth (M	RB Size	RB offset	Modulation	20025	20175	20325	Tune-up power(dBm
15	1	LOW	QPSK	22.72	22.51	22.38	23.50
		MID	QPSK	22.66	22.71	22.70	23.50
		HIGH	QPSK	22.51	22.44	23.00	23.50
	36	LOW	QPSK	21.10	20.86	21.50	22.50
		MID	QPSK	21.35	21.61	21.64	22.50
		HIGH	QPSK	21.13	20.99	21.37	22.50
	75	LOW	QPSK	21.41	21.38	21.55	22.50
15	1	LOW	Q16	21.56	21.84	22.02	22.50
		MID	Q16	21.55	21.91	21.79	22.50
		HIGH	Q16	21.80	21.65	21.90	22.50
	36	LOW	Q16	20.23	19.87	20.28	21.50
		MID	Q16	20.62	20.53	20.71	21.50
		HIGH	Q16	20.25	19.84	19.99	21.50
	75	LOW	Q16	20.47	20.37	20.60	21.50
15	1	LOW	64QAM	20.66	20.75	20.76	21.50
		MID	64QAM	20.52	20.60	20.77	21.50
		HIGH	64QAM	20.72	20.95	20.63	21.50
	36	LOW	64QAM	19.20	18.61	19.38	20.50
		MID	64QAM	19.46	19.50	19.59	20.50
		HIGH	64QAM	18.93	18.79	18.98	20.50
	75	LOW	64QAM	19.49	19.56	19.36	20.50
Bandwidth (M	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm
20	1	LOW	QPSK	22.69	22.49	22.48	23.50
		MID	QPSK	22.74	22.59	22.57	23.50
		HIGH	QPSK	22.44	22.55	22.89	23.50
	50	LOW	QPSK	21.24	20.75	21.42	22.50
		MID	QPSK	21.47	21.51	21.57	22.50
		HIGH	QPSK	21.06	20.98	21.22	22.50
	100	LOW	QPSK	21.51	21.36	21.55	22.50
20	1	LOW	Q16	21.61	21.95	21.97	22.50
		MID	Q16	21.57	21.86	21.84	22.50
		HIGH	Q16	21.66	21.78	21.80	22.50
	50	LOW	Q16	20.17	19.95	20.20	21.50
		MID	Q16	20.49	20.51	20.61	21.50
		HIGH	Q16	20.30	19.92	20.14	21.50
	100	LOW	Q16	20.43	20.46	20.54	21.50
20	1	LOW	64QAM	20.57	20.71	20.82	21.50
		MID	64QAM	20.60	20.64	20.69	21.50
		HIGH	64QAM	20.68	20.81	20.77	21.50
	50	LOW	64QAM	19.23	18.74	19.28	20.50
		MID	64QAM	19.50	19.45	19.61	20.50
		HIGH	64QAM	18.84	18.87	18.97	20.50
	100	LOW	64QAM	19.37	19.42	19.51	20.50

LTE B4-State1&2-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	19957	20175	20393	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.45	20.39	20.42	21.00
		MID	QPSK	20.53	20.44	20.60	21.00
		HIGH	QPSK	20.55	20.50	20.58	21.00
	3	LOW	QPSK	20.40	20.31	20.37	21.00
		MID	QPSK	20.53	20.63	20.45	21.00
		HIGH	QPSK	20.47	20.40	20.32	21.00
	6	LOW	QPSK	19.53	19.34	19.49	20.00
	1.4	LOW	Q16	19.42	19.40	19.44	20.00
		MID	Q16	19.43	19.44	19.61	20.00
		HIGH	Q16	19.36	19.28	19.53	20.00
	3	LOW	Q16	19.80	19.54	19.81	20.00
		MID	Q16	19.72	19.85	19.86	20.00
		HIGH	Q16	19.98	19.84	19.95	20.00
	6	LOW	Q16	18.37	18.59	18.55	19.00
1.4	1	LOW	64QAM	18.27	18.36	18.35	19.00
		MID	64QAM	18.35	18.34	18.73	19.00
		HIGH	64QAM	18.39	18.13	18.40	19.00
	3	LOW	64QAM	18.93	18.43	18.68	19.00
		MID	64QAM	18.87	18.97	18.79	19.00
		HIGH	64QAM	18.97	18.88	18.69	19.00
	6	LOW	64QAM	17.40	17.44	17.46	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19965	20175	20385	Tune-up power(dBm)
3	1	LOW	QPSK	20.52	20.52	20.52	21.00
		MID	QPSK	20.44	20.63	20.52	21.00
		HIGH	QPSK	20.64	20.59	20.43	21.00
	8	LOW	QPSK	19.38	19.35	19.62	20.00
		MID	QPSK	19.47	19.47	19.61	20.00
		HIGH	QPSK	19.59	19.48	19.42	20.00
	15	LOW	QPSK	19.51	19.32	19.64	20.00
	3	LOW	Q16	19.91	19.54	19.74	20.00
		MID	Q16	19.91	19.66	19.83	20.00
		HIGH	Q16	19.72	19.93	19.81	20.00
	8	LOW	Q16	18.63	18.50	18.57	19.00
		MID	Q16	18.70	18.61	18.72	19.00
		HIGH	Q16	18.58	18.38	18.51	19.00
	15	LOW	Q16	18.61	18.52	18.34	19.00
3	1	LOW	64QAM	18.71	18.60	18.93	19.00
		MID	64QAM	18.74	18.73	18.71	19.00
		HIGH	64QAM	18.77	18.80	18.77	19.00
	8	LOW	64QAM	17.62	17.37	17.51	18.00
		MID	64QAM	17.41	17.64	17.35	18.00
		HIGH	64QAM	17.50	17.25	17.38	18.00
	15	LOW	64QAM	17.58	17.44	17.30	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	19975	20175	20375	Tune-up power(dBm)
5	1	LOW	QPSK	20.47	20.30	20.54	21.00
		MID	QPSK	20.42	20.46	20.52	21.00
		HIGH	QPSK	20.39	20.60	20.51	21.00
	12	LOW	QPSK	19.49	19.41	19.41	20.00
		MID	QPSK	19.68	19.32	19.64	20.00
		HIGH	QPSK	19.58	19.31	19.44	20.00
	25	LOW	QPSK	19.40	19.35	19.63	20.00
	5	LOW	Q16	19.89	19.82	19.88	20.00
		MID	Q16	19.77	19.77	19.66	20.00
		HIGH	Q16	19.94	19.93	19.97	20.00
	12	LOW	Q16	18.50	18.31	18.42	19.00
		MID	Q16	18.62	18.60	18.51	19.00
		HIGH	Q16	18.69	18.43	18.43	19.00
	25	LOW	Q16	18.48	18.36	18.47	19.00
5	1	LOW	64QAM	18.82	18.52	18.96	19.00
		MID	64QAM	18.93	18.60	18.81	19.00
		HIGH	64QAM	18.82	18.80	18.99	19.00
	12	LOW	64QAM	17.75	17.44	17.35	18.00
		MID	64QAM	17.61	17.41	17.44	18.00
		HIGH	64QAM	17.43	17.32	17.51	18.00
	25	LOW	64QAM	17.53	17.38	17.41	18.00

LTE B4-State1&2-Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20000	20175	20350	Tune-up power(dBm)
10	1	LOW	QPSK	20.40	20.43	20.51	21.00
		MID	QPSK	20.47	20.42	20.46	21.00
		HIGH	QPSK	20.50	20.62	20.35	21.00
	25	LOW	QPSK	19.34	19.54	19.51	20.00
		MID	QPSK	19.53	19.35	19.46	20.00
		HIGH	QPSK	19.51	19.50	19.42	20.00
	50	LOW	QPSK	19.45	19.53	19.37	20.00
		LOW	Q16	19.77	19.56	19.70	20.00
		MID	Q16	19.77	19.76	19.92	20.00
10	1	MID	Q16	19.72	19.70	19.85	20.00
		HIGH	Q16	18.52	18.43	18.65	19.00
		LOW	Q16	18.43	18.43	18.48	19.00
	25	MID	Q16	18.45	18.34	18.65	19.00
		HIGH	Q16	18.56	18.26	18.60	19.00
		LOW	Q16	18.68	18.53	18.98	19.00
	50	MID	64QAM	18.94	18.68	18.82	19.00
		HIGH	64QAM	18.83	18.84	18.90	19.00
		LOW	64QAM	17.56	17.35	17.42	18.00
10	1	MID	64QAM	17.43	17.58	17.36	18.00
		HIGH	64QAM	17.55	17.50	17.60	18.00
		LOW	64QAM	17.60	17.41	17.29	18.00
	25	LOW	64QAM	18.80	18.61	18.88	19.00
		MID	64QAM	18.72	18.84	18.71	19.00
		HIGH	64QAM	18.76	18.74	18.90	19.00
	50	LOW	64QAM	17.59	17.25	17.49	18.00
		MID	64QAM	17.56	17.49	17.50	18.00
		HIGH	64QAM	17.64	17.38	17.51	18.00
10	1	LOW	64QAM	17.65	17.32	17.42	18.00
		MID	64QAM	18.80	18.61	18.88	19.00
		HIGH	64QAM	18.72	18.84	18.71	19.00
	36	LOW	64QAM	18.76	18.74	18.90	19.00
		MID	64QAM	17.59	17.25	17.49	18.00
		HIGH	64QAM	17.56	17.49	17.50	18.00
	75	LOW	64QAM	17.64	17.38	17.51	18.00
		MID	64QAM	17.65	17.32	17.42	18.00
		HIGH	64QAM	17.65	17.32	17.42	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
15	1	LOW	QPSK	20.42	20.27	20.42	21.00
		MID	QPSK	20.45	20.36	20.52	21.00
		HIGH	QPSK	20.39	20.65	20.37	21.00
	36	LOW	QPSK	19.38	19.48	19.59	20.00
		MID	QPSK	19.67	19.60	19.43	20.00
		HIGH	QPSK	19.59	19.54	19.42	20.00
	75	LOW	QPSK	19.41	19.46	19.56	20.00
		LOW	Q16	19.90	19.76	19.91	20.00
		MID	Q16	19.76	19.82	19.80	20.00
15	1	HIGH	Q16	19.73	19.78	19.83	20.00
		LOW	Q16	18.44	18.38	18.39	19.00
		MID	Q16	18.69	18.33	18.45	19.00
	36	HIGH	Q16	18.50	18.58	18.44	19.00
		LOW	Q16	18.40	18.50	18.32	19.00
		LOW	Q16	18.80	18.61	18.88	19.00
	75	MID	64QAM	18.72	18.84	18.71	19.00
		HIGH	64QAM	18.76	18.74	18.90	19.00
		LOW	64QAM	17.59	17.25	17.49	18.00
15	1	MID	64QAM	17.56	17.49	17.50	18.00
		HIGH	64QAM	17.64	17.38	17.51	18.00
		LOW	64QAM	17.65	17.32	17.42	18.00
	36	LOW	64QAM	18.80	18.61	18.88	19.00
		MID	64QAM	18.72	18.84	18.71	19.00
		HIGH	64QAM	18.76	18.74	18.90	19.00
	75	LOW	64QAM	17.59	17.25	17.49	18.00
		MID	64QAM	17.56	17.49	17.50	18.00
		HIGH	64QAM	17.64	17.38	17.51	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20050	20175	20300	Tune-up power(dBm)
20	1	LOW	QPSK	20.38	20.38	20.39	21.00
		MID	QPSK	20.50	20.51	20.55	21.00
		HIGH	QPSK	20.50	20.51	20.46	21.00
	50	LOW	QPSK	19.47	19.39	19.55	20.00
		MID	QPSK	19.54	19.45	19.52	20.00
		HIGH	QPSK	19.51	19.41	19.47	20.00
	100	LOW	QPSK	19.48	19.38	19.49	20.00
		LOW	Q16	19.80	19.69	19.76	20.00
		MID	Q16	19.78	19.79	19.81	20.00
20	1	HIGH	Q16	19.93	19.89	19.83	20.00
		LOW	Q16	18.52	18.45	18.54	19.00
		MID	Q16	18.55	18.47	18.58	19.00
	50	HIGH	Q16	18.56	18.49	18.53	19.00
		LOW	Q16	18.49	18.38	18.46	19.00
		LOW	Q16	18.69	18.59	18.89	19.00
	100	MID	64QAM	18.85	18.71	18.67	19.00
		HIGH	64QAM	18.89	18.97	18.98	19.00
		LOW	64QAM	17.63	17.32	17.46	18.00
20	1	MID	64QAM	17.50	17.52	17.48	18.00
		HIGH	64QAM	17.58	17.37	17.46	18.00
		LOW	64QAM	17.52	17.35	17.37	18.00
	50	LOW	64QAM	18.85	18.71	18.67	19.00
		MID	64QAM	18.89	18.97	18.98	19.00
		HIGH	64QAM	17.63	17.32	17.46	18.00
	100	LOW	64QAM	17.50	17.52	17.48	18.00
		MID	64QAM	17.58	17.37	17.46	18.00
		HIGH	64QAM	17.52	17.35	17.37	18.00

8.1.3 LTE Band5 Output Power

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.87	22.64	22.85	23.50
		MID	QPSK	22.83	22.83	22.70	23.50
		HIGH	QPSK	22.65	22.70	22.70	23.50
	3	LOW	QPSK	22.83	22.68	22.68	23.50
		MID	QPSK	22.85	22.70	22.73	23.50
		HIGH	QPSK	22.76	22.73	22.64	23.50
	6	LOW	QPSK	21.74	21.61	21.76	22.50
1.4	1	LOW	Q16	22.21	22.15	21.97	22.50
		MID	Q16	22.16	22.01	22.09	22.50
		HIGH	Q16	22.04	21.97	22.03	22.50
	3	LOW	Q16	21.83	21.70	21.88	22.50
		MID	Q16	21.95	22.04	21.72	22.50
		HIGH	Q16	21.75	21.86	21.92	22.50
	6	LOW	Q16	20.86	20.65	20.82	21.50
1.4	1	LOW	64QAM	21.01	20.84	20.97	21.50
		MID	64QAM	21.01	20.76	20.79	21.50
		HIGH	64QAM	20.95	20.89	20.78	21.50
	3	LOW	64QAM	20.96	20.83	20.77	21.50
		MID	64QAM	20.92	20.77	20.76	21.50
		HIGH	64QAM	20.86	20.76	20.84	21.50
	6	LOW	64QAM	19.78	19.67	19.67	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	22.93	22.79	22.70	23.50
		MID	QPSK	22.62	22.76	22.66	23.50
		HIGH	QPSK	22.74	22.60	22.68	23.50
	8	LOW	QPSK	21.56	21.31	21.64	22.50
		MID	QPSK	21.20	21.36	21.11	22.50
		HIGH	QPSK	21.66	20.98	21.25	22.50
	15	LOW	QPSK	21.79	21.56	21.63	22.50
3	1	LOW	Q16	21.97	21.79	22.19	22.50
		MID	Q16	21.92	22.14	22.37	22.50
		HIGH	Q16	22.02	22.24	22.16	22.50
	8	LOW	Q16	19.97	20.06	19.98	21.50
		MID	Q16	20.32	20.20	20.00	21.50
		HIGH	Q16	20.31	20.44	19.99	21.50
	15	LOW	Q16	20.80	20.81	20.60	21.50
3	1	LOW	64QAM	21.22	20.78	20.80	21.50
		MID	64QAM	21.10	20.65	20.97	21.50
		HIGH	64QAM	20.99	20.88	20.82	21.50
	8	LOW	64QAM	19.18	19.09	18.78	20.50
		MID	64QAM	18.90	18.91	19.04	20.50
		HIGH	64QAM	19.00	18.78	18.90	20.50
	15	LOW	64QAM	19.79	19.69	19.87	20.50

LTE B5-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	22.94	22.68	22.82	23.50
		MID	QPSK	22.81	22.74	22.63	23.50
		HIGH	QPSK	22.65	22.87	22.52	23.50
	12	LOW	QPSK	21.60	21.18	21.50	22.50
		MID	QPSK	21.20	21.33	21.14	22.50
		HIGH	QPSK	21.49	21.00	21.13	22.50
	25	LOW	QPSK	21.98	21.53	21.90	22.50
5	1	LOW	Q16	22.09	21.82	22.41	22.50
		MID	Q16	21.78	22.15	22.37	22.50
		HIGH	Q16	22.02	22.28	22.12	22.50
	12	LOW	Q16	20.18	19.91	20.08	21.50
		MID	Q16	20.39	20.18	20.01	21.50
		HIGH	Q16	20.27	20.52	20.09	21.50
	25	LOW	Q16	20.96	20.68	20.83	21.50
5	1	LOW	64QAM	21.19	21.05	20.87	21.50
		MID	64QAM	21.12	20.74	20.91	21.50
		HIGH	64QAM	20.90	20.86	20.81	21.50
	12	LOW	64QAM	19.04	19.06	18.75	20.50
		MID	64QAM	18.82	18.97	18.88	20.50
		HIGH	64QAM	18.84	18.90	18.87	20.50
	25	LOW	64QAM	19.88	19.67	19.81	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	22.81	22.71	22.80	23.50
		MID	QPSK	22.72	22.87	22.77	23.50
		HIGH	QPSK	22.72	22.74	22.65	23.50
	25	LOW	QPSK	21.50	21.26	21.49	22.50
		MID	QPSK	21.35	21.22	21.24	22.50
		HIGH	QPSK	21.52	21.11	21.21	22.50
	50	LOW	QPSK	21.90	21.68	21.75	22.50
10	1	LOW	Q16	21.99	21.94	22.29	22.50
		MID	Q16	21.85	22.13	22.42	22.50
		HIGH	Q16	22.11	22.13	22.14	22.50
	25	LOW	Q16	20.11	19.94	20.06	21.50
		MID	Q16	20.24	20.09	20.10	21.50
		HIGH	Q16	20.29	20.42	20.08	21.50
	50	LOW	Q16	20.82	20.77	20.70	21.50
10	1	LOW	64QAM	21.15	20.93	20.93	21.50
		MID	64QAM	21.07	20.79	20.92	21.50
		HIGH	64QAM	21.00	20.73	20.85	21.50
	25	LOW	64QAM	19.10	19.08	18.78	20.50
		MID	64QAM	18.94	18.97	19.02	20.50
		HIGH	64QAM	18.96	18.84	18.86	20.50
	50	LOW	64QAM	19.92	19.74	19.73	20.50

LTE B5-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	20407	20525	20643	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.05	20.04	20.03	21.00
		MID	QPSK	19.95	20.02	20.10	21.00
		HIGH	QPSK	19.81	20.04	19.88	21.00
	3	LOW	QPSK	19.96	20.21	20.13	21.00
		MID	QPSK	20.00	20.22	19.95	21.00
		HIGH	QPSK	19.92	20.17	19.92	21.00
	6	LOW	QPSK	18.91	19.05	19.02	20.00
1.4	1	LOW	Q16	19.15	19.00	18.90	20.00
		MID	Q16	19.02	19.18	19.07	20.00
		HIGH	Q16	18.99	19.01	19.13	20.00
	3	LOW	Q16	19.47	19.43	19.37	20.00
		MID	Q16	19.14	19.23	19.13	20.00
		HIGH	Q16	19.47	19.17	19.16	20.00
	6	LOW	Q16	18.00	18.17	17.95	19.00
1.4	1	LOW	64QAM	18.06	18.14	17.77	19.00
		MID	64QAM	17.98	18.05	17.96	19.00
		HIGH	64QAM	18.14	18.11	18.13	19.00
	3	LOW	64QAM	18.40	18.51	18.45	19.00
		MID	64QAM	18.04	18.15	18.13	19.00
		HIGH	64QAM	18.54	18.07	18.08	19.00
	6	LOW	64QAM	17.06	17.12	16.87	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	20415	20525	20635	Tune-up power(dBm)
3	1	LOW	QPSK	19.86	20.05	20.06	21.00
		MID	QPSK	19.95	20.16	19.92	21.00
		HIGH	QPSK	20.01	19.88	20.02	21.00
	8	LOW	QPSK	18.99	18.98	18.96	20.00
		MID	QPSK	19.06	19.16	18.91	20.00
		HIGH	QPSK	19.05	19.04	19.10	20.00
	15	LOW	QPSK	19.09	18.97	19.10	20.00
3	1	LOW	Q16	19.47	19.37	19.59	20.00
		MID	Q16	19.29	19.32	19.22	20.00
		HIGH	Q16	19.45	19.25	19.30	20.00
	8	LOW	Q16	17.99	18.00	18.09	19.00
		MID	Q16	18.16	18.26	18.03	19.00
		HIGH	Q16	18.20	18.22	18.19	19.00
	15	LOW	Q16	18.25	18.22	18.09	19.00
3	1	LOW	64QAM	18.40	18.31	18.53	19.00
		MID	64QAM	18.27	18.44	18.34	19.00
		HIGH	64QAM	18.59	18.15	18.14	19.00
	8	LOW	64QAM	17.05	17.13	16.88	18.00
		MID	64QAM	17.22	16.94	17.06	18.00
		HIGH	64QAM	17.04	17.39	17.13	18.00
	15	LOW	64QAM	17.22	17.05	17.17	18.00

LTE B5-State1&2 -Ant.0							
Bandwidth (	RB Size	RB offset	Modulation	20425	20525	20625	Tune-up power(dBm)
5	1	LOW	QPSK	20.05	19.94	20.18	21.00
		MID	QPSK	20.06	20.11	20.13	21.00
		HIGH	QPSK	19.83	19.93	20.10	21.00
	12	LOW	QPSK	19.12	19.16	18.89	20.00
		MID	QPSK	19.21	19.15	19.02	20.00
		HIGH	QPSK	19.10	19.05	19.11	20.00
	25	LOW	QPSK	19.10	19.09	19.01	20.00
5	1	LOW	Q16	19.42	19.30	19.57	20.00
		MID	Q16	19.26	19.23	19.14	20.00
		HIGH	Q16	19.45	19.35	19.16	20.00
	12	LOW	Q16	18.04	18.09	18.01	19.00
		MID	Q16	18.21	18.25	17.99	19.00
		HIGH	Q16	18.03	18.27	18.05	19.00
	25	LOW	Q16	18.09	18.15	18.06	19.00
5	1	LOW	64QAM	18.35	18.17	18.60	19.00
		MID	64QAM	18.06	18.45	18.54	19.00
		HIGH	64QAM	18.56	18.12	18.30	19.00
	12	LOW	64QAM	17.19	17.10	16.95	18.00
		MID	64QAM	17.23	17.03	16.98	18.00
		HIGH	64QAM	17.14	17.37	17.14	18.00
	25	LOW	64QAM	17.06	17.16	17.18	18.00
Bandwidth (	RB Size	RB offset	Modulation	20450	20525	20600	Tune-up power(dBm)
10	1	LOW	QPSK	19.97	20.06	20.06	21.00
		MID	QPSK	19.98	20.09	20.07	21.00
		HIGH	QPSK	19.96	20.03	19.98	21.00
	25	LOW	QPSK	19.01	19.03	18.99	20.00
		MID	QPSK	19.11	19.13	19.02	20.00
		HIGH	QPSK	19.12	19.12	19.07	20.00
	50	LOW	QPSK	19.10	19.07	19.05	20.00
10	1	LOW	Q16	19.45	19.38	19.46	20.00
		MID	Q16	19.28	19.36	19.27	20.00
		HIGH	Q16	19.44	19.32	19.31	20.00
	25	LOW	Q16	18.04	18.10	18.09	19.00
		MID	Q16	18.15	18.14	18.06	19.00
		HIGH	Q16	18.13	18.18	18.11	19.00
	50	LOW	Q16	18.13	18.08	18.05	19.00
10	1	LOW	64QAM	18.37	18.31	18.53	19.00
		MID	64QAM	18.15	18.44	18.42	19.00
		HIGH	64QAM	18.59	18.19	18.24	19.00
	25	LOW	64QAM	17.15	17.09	17.02	18.00
		MID	64QAM	17.16	17.05	17.01	18.00
		HIGH	64QAM	17.06	17.32	17.09	18.00
	50	LOW	64QAM	17.17	17.18	17.11	18.00

8.1.4 LTE Band12 Output Power

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.71	22.74	22.70	23.50
		MID	QPSK	22.84	22.78	22.61	23.50
		HIGH	QPSK	22.76	22.67	22.61	23.50
	3	LOW	QPSK	22.74	22.72	22.76	23.50
		MID	QPSK	22.81	22.81	22.75	23.50
		HIGH	QPSK	22.73	22.72	22.70	23.50
	6	LOW	QPSK	21.74	21.68	21.79	22.50
1.4	1	LOW	Q16	22.14	22.06	21.93	22.50
		MID	Q16	21.90	22.24	21.97	22.50
		HIGH	Q16	21.97	21.92	21.96	22.50
	3	LOW	Q16	21.87	22.04	21.81	22.50
		MID	Q16	21.92	21.84	21.82	22.50
		HIGH	Q16	21.98	21.85	21.94	22.50
	6	LOW	Q16	20.91	20.78	20.84	21.50
1.4	1	LOW	64QAM	20.88	21.02	20.87	21.50
		MID	64QAM	20.91	20.98	20.83	21.50
		HIGH	64QAM	20.90	20.98	20.81	21.50
	3	LOW	64QAM	20.87	20.91	20.89	21.50
		MID	64QAM	20.93	20.77	20.84	21.50
		HIGH	64QAM	20.89	20.81	20.81	21.50
	6	LOW	64QAM	19.74	19.71	19.76	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	22.94	22.86	22.95	23.50
		MID	QPSK	22.88	22.84	22.68	23.50
		HIGH	QPSK	22.70	22.81	22.68	23.50
	8	LOW	QPSK	21.27	20.95	21.19	22.50
		MID	QPSK	21.29	20.96	21.02	22.50
		HIGH	QPSK	21.30	21.26	20.99	22.50
	15	LOW	QPSK	21.93	21.85	21.71	22.50
3	1	LOW	Q16	21.97	21.86	22.10	22.50
		MID	Q16	21.94	21.99	22.04	22.50
		HIGH	Q16	22.11	22.12	21.99	22.50
	8	LOW	Q16	20.02	19.94	19.81	21.50
		MID	Q16	19.93	19.98	19.97	21.50
		HIGH	Q16	19.80	20.15	19.97	21.50
	15	LOW	Q16	20.77	20.82	20.64	21.50
3	1	LOW	64QAM	20.92	20.96	21.11	21.50
		MID	64QAM	21.05	21.14	20.87	21.50
		HIGH	64QAM	21.13	20.70	20.93	21.50
	8	LOW	64QAM	18.72	18.75	18.61	20.50
		MID	64QAM	18.80	19.02	18.62	20.50
		HIGH	64QAM	18.84	18.65	18.53	20.50
	15	LOW	64QAM	19.76	19.84	19.78	20.50

LTE B12-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	22.93	23.03	22.91	23.50
		MID	QPSK	22.80	22.75	22.88	23.50
		HIGH	QPSK	22.47	22.78	22.44	23.50
	12	LOW	QPSK	21.42	21.00	21.14	22.50
		MID	QPSK	21.31	20.99	21.05	22.50
		HIGH	QPSK	21.24	21.28	20.95	22.50
	25	LOW	QPSK	21.79	21.84	21.83	22.50
5	1	LOW	Q16	21.96	22.01	22.10	22.50
		MID	Q16	21.96	22.08	22.09	22.50
		HIGH	Q16	21.94	22.15	21.81	22.50
	12	LOW	Q16	19.91	19.95	19.95	21.50
		MID	Q16	19.91	20.00	19.92	21.50
		HIGH	Q16	19.80	20.21	19.82	21.50
	25	LOW	Q16	20.90	20.62	20.79	21.50
5	1	LOW	64QAM	20.86	21.01	21.03	21.50
		MID	64QAM	20.97	21.01	20.83	21.50
		HIGH	64QAM	21.07	20.72	20.99	21.50
	12	LOW	64QAM	18.63	18.53	18.75	20.50
		MID	64QAM	18.64	19.09	18.57	20.50
		HIGH	64QAM	18.65	18.71	18.56	20.50
	25	LOW	64QAM	20.01	19.88	19.85	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	22.80	22.88	22.82	23.50
		MID	QPSK	22.79	22.90	22.78	23.50
		HIGH	QPSK	22.60	22.67	22.56	23.50
	25	LOW	QPSK	21.37	21.07	21.16	22.50
		MID	QPSK	21.16	21.10	21.14	22.50
		HIGH	QPSK	21.18	21.40	21.01	22.50
	50	LOW	QPSK	21.83	21.78	21.77	22.50
10	1	LOW	Q16	22.06	22.01	22.17	22.50
		MID	Q16	22.05	22.09	22.01	22.50
		HIGH	Q16	21.97	22.04	21.89	22.50
	25	LOW	Q16	19.99	19.84	19.92	21.50
		MID	Q16	19.90	19.96	20.03	21.50
		HIGH	Q16	19.88	20.25	19.93	21.50
	50	LOW	Q16	20.89	20.74	20.71	21.50
10	1	LOW	64QAM	20.89	21.08	21.13	21.50
		MID	64QAM	21.12	20.99	20.93	21.50
		HIGH	64QAM	21.04	20.72	20.84	21.50
	25	LOW	64QAM	18.65	18.67	18.66	20.50
		MID	64QAM	18.71	19.02	18.58	20.50
		HIGH	64QAM	18.71	18.69	18.67	20.50
	50	LOW	64QAM	19.87	19.80	19.76	20.50

LTE B12-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23017	23095	23173	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.16	20.08	19.96	21.00
		MID	QPSK	20.06	20.01	20.29	21.00
		HIGH	QPSK	20.02	20.20	20.04	21.00
	3	LOW	QPSK	20.02	20.16	20.02	21.00
		MID	QPSK	19.93	20.29	20.21	21.00
		HIGH	QPSK	20.22	20.09	19.96	21.00
	6	LOW	QPSK	19.20	19.13	19.21	20.00
1.4	1	LOW	Q16	19.21	19.11	19.28	20.00
		MID	Q16	19.09	19.06	19.31	20.00
		HIGH	Q16	19.14	19.23	19.18	20.00
	3	LOW	Q16	19.67	19.51	19.43	20.00
		MID	Q16	19.55	19.57	19.20	20.00
		HIGH	Q16	19.36	19.50	19.27	20.00
	6	LOW	Q16	18.17	18.14	18.13	19.00
1.4	1	LOW	64QAM	18.06	18.08	18.36	19.00
		MID	64QAM	18.10	18.05	18.21	19.00
		HIGH	64QAM	18.01	18.09	18.27	19.00
	3	LOW	64QAM	18.71	18.50	18.33	19.00
		MID	64QAM	18.45	18.58	18.22	19.00
		HIGH	64QAM	18.41	18.53	18.16	19.00
	6	LOW	64QAM	17.30	17.19	17.09	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23025	23095	23165	Tune-up power(dBm)
3	1	LOW	QPSK	19.94	20.10	20.21	21.00
		MID	QPSK	20.14	20.21	20.15	21.00
		HIGH	QPSK	20.12	20.07	20.02	21.00
	8	LOW	QPSK	18.99	19.32	19.06	20.00
		MID	QPSK	19.12	19.09	19.09	20.00
		HIGH	QPSK	19.09	19.17	19.17	20.00
	15	LOW	QPSK	19.27	19.21	19.12	20.00
3	1	LOW	Q16	19.40	19.39	19.40	20.00
		MID	Q16	19.48	19.55	19.18	20.00
		HIGH	Q16	19.61	19.56	19.24	20.00
	8	LOW	Q16	18.27	18.18	18.19	19.00
		MID	Q16	18.15	18.21	18.06	19.00
		HIGH	Q16	18.18	18.31	18.05	19.00
	15	LOW	Q16	18.34	18.07	17.93	19.00
3	1	LOW	64QAM	18.38	18.53	18.57	19.00
		MID	64QAM	18.27	18.48	18.42	19.00
		HIGH	64QAM	18.56	18.55	18.34	19.00
	8	LOW	64QAM	16.98	17.23	17.13	18.00
		MID	64QAM	17.40	17.21	17.20	18.00
		HIGH	64QAM	17.24	17.17	17.07	18.00
	15	LOW	64QAM	17.16	17.17	16.78	18.00

LTE B12-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23035	23095	23155	Tune-up power(dBm)
5	1	LOW	QPSK	20.21	20.03	20.21	21.00
		MID	QPSK	20.11	20.09	20.24	21.00
		HIGH	QPSK	20.08	20.15	20.09	21.00
	12	LOW	QPSK	19.01	19.21	19.16	20.00
		MID	QPSK	19.06	19.24	19.22	20.00
		HIGH	QPSK	19.25	19.14	19.16	20.00
	25	LOW	QPSK	19.08	19.28	19.09	20.00
5	1	LOW	Q16	19.68	19.39	19.35	20.00
		MID	Q16	19.59	19.63	19.26	20.00
		HIGH	Q16	19.47	19.47	19.47	20.00
	12	LOW	Q16	18.08	18.14	18.22	19.00
		MID	Q16	18.32	18.31	18.09	19.00
		HIGH	Q16	18.23	18.08	18.30	19.00
	25	LOW	Q16	18.06	18.00	17.96	19.00
5	1	LOW	64QAM	18.31	18.56	18.45	19.00
		MID	64QAM	18.39	18.61	18.43	19.00
		HIGH	64QAM	18.52	18.41	18.32	19.00
	12	LOW	64QAM	16.95	17.12	16.93	18.00
		MID	64QAM	17.30	17.19	17.17	18.00
		HIGH	64QAM	17.50	17.18	17.20	18.00
	25	LOW	64QAM	17.33	17.05	16.97	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	23060	23095	23130	Tune-up power(dBm)
10	1	LOW	QPSK	20.07	20.11	20.09	21.00
		MID	QPSK	20.07	20.15	20.14	21.00
		HIGH	QPSK	20.07	20.11	20.07	21.00
	25	LOW	QPSK	19.11	19.22	19.06	20.00
		MID	QPSK	19.21	19.15	19.13	20.00
		HIGH	QPSK	19.21	19.20	19.17	20.00
	50	LOW	QPSK	19.19	19.13	19.07	20.00
10	1	LOW	Q16	19.54	19.48	19.49	20.00
		MID	Q16	19.47	19.55	19.29	20.00
		HIGH	Q16	19.51	19.55	19.37	20.00
	25	LOW	Q16	18.19	18.18	18.12	19.00
		MID	Q16	18.23	18.21	18.18	19.00
		HIGH	Q16	18.28	18.20	18.19	19.00
	50	LOW	Q16	18.21	18.15	18.07	19.00
10	1	LOW	64QAM	18.41	18.61	18.44	19.00
		MID	64QAM	18.36	18.50	18.31	19.00
		HIGH	64QAM	18.49	18.53	18.32	19.00
	25	LOW	64QAM	17.08	17.26	16.98	18.00
		MID	64QAM	17.30	17.21	17.20	18.00
		HIGH	64QAM	17.37	17.32	17.14	18.00
	50	LOW	64QAM	17.23	17.07	16.93	18.00

8.1.5 LTE Band14 Output Power

LTE B14-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	23305	23330	23355	Tune-up power(dBm)
5	1	LOW	QPSK	22.59	22.66	22.68	23.50
		MID	QPSK	22.80	22.62	22.71	23.50
		HIGH	QPSK	22.69	22.54	22.56	23.50
	12	LOW	QPSK	21.68	21.74	21.77	22.50
		MID	QPSK	21.69	21.58	21.72	22.50
		HIGH	QPSK	21.61	21.63	21.66	22.50
	25	LOW	QPSK	21.70	21.72	21.70	22.50
5	1	LOW	Q16	22.02	22.03	22.07	22.50
		MID	Q16	22.09	22.09	22.14	22.50
		HIGH	Q16	21.89	21.74	21.91	22.50
	12	LOW	Q16	20.73	20.66	20.83	21.50
		MID	Q16	20.74	20.63	20.69	21.50
		HIGH	Q16	20.68	20.74	20.69	21.50
	25	LOW	Q16	20.66	20.66	20.64	21.50
5	1	LOW	64QAM	20.95	20.98	20.86	21.50
		MID	64QAM	20.97	20.91	20.84	21.50
		HIGH	64QAM	20.89	20.76	20.62	21.50
	12	LOW	64QAM	19.70	19.80	19.72	20.50
		MID	64QAM	19.72	19.63	19.70	20.50
		HIGH	64QAM	19.67	19.65	19.68	20.50
	25	LOW	64QAM	19.76	19.65	19.76	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	/	23330	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	22.83	/	23.50
		MID	QPSK	/	22.70	/	23.50
		HIGH	QPSK	/	22.53	/	23.50
	25	LOW	QPSK	/	20.99	/	22.50
		MID	QPSK	/	21.12	/	22.50
		HIGH	QPSK	/	21.00	/	22.50
10	50	LOW	QPSK	/	21.71	/	22.50
10	1	LOW	Q16	/	22.09	/	22.50
		MID	Q16	/	21.98	/	22.50
		HIGH	Q16	/	21.90	/	22.50
	25	LOW	Q16	/	20.16	/	21.50
		MID	Q16	/	19.93	/	21.50
		HIGH	Q16	/	20.01	/	21.50
	50	LOW	Q16	/	20.64	/	21.50
10	1	LOW	64QAM	/	20.80	/	21.50
		MID	64QAM	/	20.78	/	21.50
		HIGH	64QAM	/	20.71	/	21.50
	25	LOW	64QAM	/	19.14	/	20.50
		MID	64QAM	/	18.81	/	20.50
		HIGH	64QAM	/	18.71	/	20.50
	50	LOW	64QAM	/	19.63	/	20.50

LTE B14-State1&2 -Ant.0							
Bandwidth (	RB Size	RB offset	Modulation	23305	23330	23355	Tune-up power(dBm)
5	1	LOW	QPSK	20.13	20.06	20.05	21.00
		MID	QPSK	20.17	20.09	20.12	21.00
		HIGH	QPSK	20.08	20.14	20.05	21.00
	12	LOW	QPSK	19.10	19.12	19.07	20.00
		MID	QPSK	19.18	19.09	19.06	20.00
		HIGH	QPSK	19.12	19.15	19.09	20.00
	25	LOW	QPSK	19.14	19.04	19.06	20.00
5	1	LOW	Q16	19.47	19.51	19.40	20.00
		MID	Q16	19.41	19.64	19.46	20.00
		HIGH	Q16	19.44	19.51	19.43	20.00
	12	LOW	Q16	18.20	18.19	18.11	19.00
		MID	Q16	18.25	18.19	18.10	19.00
		HIGH	Q16	18.21	18.25	18.14	19.00
	25	LOW	Q16	18.15	18.07	18.08	19.00
5	1	LOW	64QAM	18.55	18.65	18.48	19.00
		MID	64QAM	18.28	18.53	18.44	19.00
		HIGH	64QAM	18.29	18.45	18.52	19.00
	12	LOW	64QAM	17.06	17.04	16.98	18.00
		MID	64QAM	17.35	17.17	17.07	18.00
		HIGH	64QAM	17.09	17.13	17.03	18.00
	25	LOW	64QAM	17.25	17.02	17.02	18.00
Bandwidth (	RB Size	RB offset	Modulation	/	23330	/	Tune-up power(dBm)
10	1	LOW	QPSK	/	20.08	/	21.00
		MID	QPSK	/	20.12	/	21.00
		HIGH	QPSK	/	20.08	/	21.00
	25	LOW	QPSK	/	19.09	/	20.00
		MID	QPSK	/	19.13	/	20.00
		HIGH	QPSK	/	19.15	/	20.00
	50	LOW	QPSK	/	19.14	/	20.00
10	1	LOW	Q16	/	19.41	/	20.00
		MID	Q16	/	19.54	/	20.00
		HIGH	Q16	/	19.51	/	20.00
	25	LOW	Q16	/	18.13	/	19.00
		MID	Q16	/	18.15	/	19.00
		HIGH	Q16	/	18.17	/	19.00
	50	LOW	Q16	/	18.14	/	19.00
10	1	LOW	64QAM	/	18.51	/	19.00
		MID	64QAM	/	18.64	/	19.00
		HIGH	64QAM	/	18.43	/	19.00
	25	LOW	64QAM	/	17.23	/	18.00
		MID	64QAM	/	17.11	/	18.00
		HIGH	64QAM	/	17.28	/	18.00
	50	LOW	64QAM	/	17.18	/	18.00

8.1.6 LTE Band25 Output Power

LTE B25-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26047	26365	26683	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.37	22.41	22.41	23.50
		MID	QPSK	22.37	22.42	22.40	23.50
		HIGH	QPSK	22.37	22.27	22.24	23.50
	3	LOW	QPSK	22.41	22.36	22.39	23.50
		MID	QPSK	22.43	22.30	22.44	23.50
		HIGH	QPSK	22.36	22.31	22.35	23.50
1.4	1	LOW	Q16	21.76	21.78	21.67	22.50
		MID	Q16	21.56	21.60	21.87	22.50
		HIGH	Q16	21.65	21.59	21.64	22.50
	3	LOW	Q16	21.33	21.41	21.38	22.50
		MID	Q16	21.44	21.59	21.43	22.50
		HIGH	Q16	21.45	21.42	21.42	22.50
	6	LOW	Q16	20.41	20.50	20.50	21.50
1.4	1	LOW	64QAM	20.52	20.61	20.51	21.50
		MID	64QAM	20.54	20.48	20.78	21.50
		HIGH	64QAM	20.59	20.53	20.42	21.50
	3	LOW	64QAM	20.42	20.53	20.50	21.50
		MID	64QAM	20.50	20.45	20.40	21.50
		HIGH	64QAM	20.54	20.31	20.37	21.50
	6	LOW	64QAM	19.36	19.46	19.32	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26055	26365	26675	Tune-up power(dBm)
3	1	LOW	QPSK	22.64	23.08	23.00	23.50
		MID	QPSK	22.38	22.54	22.47	23.50
		HIGH	QPSK	22.93	22.29	22.37	23.50
	8	LOW	QPSK	20.80	21.30	21.08	22.50
		MID	QPSK	21.19	20.88	21.13	22.50
		HIGH	QPSK	20.71	20.95	20.96	22.50
3	1	LOW	Q16	21.52	21.37	21.57	22.50
		MID	Q16	21.41	22.07	21.67	22.50
		HIGH	Q16	21.70	21.62	21.72	22.50
	8	LOW	Q16	21.72	21.61	22.01	22.50
		MID	Q16	19.99	20.16	19.90	21.50
		HIGH	Q16	20.10	19.72	19.76	21.50
	15	LOW	Q16	19.66	20.05	19.65	21.50
		MID	Q16	20.42	20.44	20.42	21.50
		HIGH	Q16	20.42	20.44	20.42	21.50
3	1	LOW	64QAM	20.82	20.69	20.52	21.50
		MID	64QAM	20.76	20.66	20.84	21.50
		HIGH	64QAM	20.78	20.37	20.73	21.50
	8	LOW	64QAM	20.78	20.37	20.73	21.50
		MID	64QAM	18.67	18.71	18.65	20.50
		HIGH	64QAM	19.17	18.51	18.90	20.50
	15	LOW	64QAM	18.75	18.83	18.75	20.50
		MID	64QAM	19.42	19.34	19.52	20.50
		HIGH	64QAM	19.42	19.34	19.52	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)
5	1	LOW	QPSK	22.62	22.92	23.03	23.50
		MID	QPSK	22.53	22.54	22.41	23.50
		HIGH	QPSK	22.83	22.28	22.30	23.50
	12	LOW	QPSK	20.89	21.25	21.18	22.50
		MID	QPSK	21.21	21.08	21.19	22.50
		HIGH	QPSK	20.69	20.79	21.00	22.50
5	1	LOW	Q16	21.50	21.38	21.62	22.50
		MID	Q16	21.49	22.04	21.72	22.50
		HIGH	Q16	21.88	21.73	21.52	22.50
	12	LOW	Q16	21.68	21.75	21.97	22.50
		MID	Q16	19.79	19.89	19.88	21.50
		HIGH	Q16	19.87	19.65	19.86	21.50
	25	LOW	Q16	19.84	19.96	19.85	21.50
		MID	Q16	20.39	20.34	20.38	21.50
		HIGH	Q16	20.39	20.34	20.38	21.50
5	1	LOW	64QAM	20.69	20.45	20.59	21.50
		MID	64QAM	20.58	20.73	20.90	21.50
		HIGH	64QAM	20.87	20.42	20.62	21.50
	12	LOW	64QAM	20.87	20.42	20.62	21.50
		MID	64QAM	18.76	18.50	18.57	20.50
		HIGH	64QAM	19.13	18.76	18.86	20.50
	25	LOW	64QAM	18.71	18.91	18.73	20.50
		MID	64QAM	19.50	19.39	19.52	20.50
		HIGH	64QAM	19.50	19.39	19.52	20.50

LTE B25-Full Power -Ant.0								
Bandwidth (MHz)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)	
10	1	LOW	QPSK	22.44	22.96	22.83	23.50	
		MID	QPSK	22.35	22.44	22.60	23.50	
		HIGH	QPSK	22.99	22.33	22.44	23.50	
	25	LOW	QPSK	20.95	21.28	21.05	22.50	
		MID	QPSK	21.05	20.97	20.97	22.50	
		HIGH	QPSK	20.96	20.93	20.91	22.50	
	50	LOW	QPSK	21.62	21.53	21.37	22.50	
	10	1	LOW	Q16	21.68	22.04	21.61	22.50
			MID	Q16	21.80	21.77	21.78	22.50
HIGH			Q16	21.84	21.62	21.78	22.50	
25		LOW	Q16	19.99	20.16	19.84	21.50	
		MID	Q16	20.07	19.78	19.86	21.50	
		HIGH	Q16	19.58	20.17	19.61	21.50	
50		LOW	Q16	20.27	20.49	20.39	21.50	
10		1	LOW	64QAM	20.69	20.53	20.59	21.50
			MID	64QAM	20.72	20.70	20.92	21.50
	HIGH		64QAM	20.68	20.53	20.58	21.50	
	25	LOW	64QAM	18.87	18.89	18.84	20.50	
		MID	64QAM	19.21	18.57	18.93	20.50	
		HIGH	64QAM	18.52	18.93	18.76	20.50	
	50	LOW	64QAM	19.43	19.35	19.45	20.50	
	Bandwidth (MHz)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)
	15	1	LOW	QPSK	22.50	22.97	22.97	23.50
MID			QPSK	22.45	22.55	22.56	23.50	
HIGH			QPSK	22.87	22.39	22.45	23.50	
36		LOW	QPSK	20.80	21.20	21.04	22.50	
		MID	QPSK	21.10	20.96	21.07	22.50	
		HIGH	QPSK	20.82	20.90	21.03	22.50	
75		LOW	QPSK	21.47	21.46	21.51	22.50	
15		1	LOW	Q16	21.54	21.93	21.76	22.50
			MID	Q16	21.85	21.76	21.64	22.50
	HIGH		Q16	21.79	21.61	21.86	22.50	
	36	LOW	Q16	19.93	20.01	19.91	21.50	
		MID	Q16	20.01	19.72	19.87	21.50	
		HIGH	Q16	19.70	20.10	19.70	21.50	
	75	LOW	Q16	20.42	20.43	20.48	21.50	
	15	1	LOW	64QAM	20.76	20.57	20.45	21.50
			MID	64QAM	20.71	20.61	20.84	21.50
HIGH			64QAM	20.72	20.45	20.61	21.50	
36		LOW	64QAM	18.79	18.83	18.53	20.50	
		MID	64QAM	19.21	18.90	18.91	20.50	
		HIGH	64QAM	18.66	18.83	18.66	20.50	
75		LOW	64QAM	19.45	19.44	19.49	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
20		1	LOW	QPSK	22.55	23.03	23.12	23.50
	MID		QPSK	22.65	23.21	22.73	23.50	
	HIGH		QPSK	22.47	22.55	22.46	23.50	
	50	LOW	QPSK	20.83	21.11	20.91	22.50	
		MID	QPSK	21.32	21.65	21.56	22.50	
		HIGH	QPSK	21.07	20.75	20.97	22.50	
	100	LOW	QPSK	21.31	21.40	21.46	22.50	
	20	1	LOW	Q16	21.66	21.65	21.80	22.50
			MID	Q16	21.78	21.72	21.69	22.50
HIGH			Q16	21.71	21.76	21.74	22.50	
50		LOW	Q16	19.63	19.75	19.93	21.50	
		MID	Q16	20.33	20.31	20.56	21.50	
		HIGH	Q16	19.64	19.60	19.95	21.50	
100		LOW	Q16	20.29	20.39	20.52	21.50	
20		1	LOW	64QAM	20.62	20.78	20.61	21.50
			MID	64QAM	20.48	20.67	20.77	21.50
	HIGH		64QAM	20.28	20.71	20.59	21.50	
	50	LOW	64QAM	19.07	18.65	18.65	20.50	
		MID	64QAM	19.41	19.49	19.51	20.50	
		HIGH	64QAM	18.74	18.62	18.50	20.50	
	100	LOW	64QAM	19.22	19.39	19.57	20.50	

LTE B25-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26047	26365	26683	Tune-up power(dBm)
1.4	1	LOW	QPSK	20.34	20.23	20.26	21.00
		MID	QPSK	20.42	20.48	20.39	21.00
		HIGH	QPSK	20.45	20.37	20.23	21.00
	3	LOW	QPSK	20.16	20.44	20.43	21.00
		MID	QPSK	20.29	20.50	20.56	21.00
		HIGH	QPSK	20.38	20.38	20.34	21.00
1.4	1	LOW	QPSK	19.21	19.35	19.28	20.00
		LOW	Q16	19.29	19.49	19.56	20.00
		MID	Q16	19.42	19.50	19.44	20.00
	3	LOW	Q16	19.29	19.19	19.50	20.00
		LOW	Q16	19.75	19.73	19.86	20.00
		MID	Q16	19.80	19.95	19.89	20.00
		HIGH	Q16	19.87	20.00	19.61	20.00
	6	LOW	Q16	18.34	18.54	18.39	19.00
		LOW	64QAM	18.41	18.53	18.48	19.00
1.4	1	MID	64QAM	18.57	18.37	18.37	19.00
		HIGH	64QAM	18.40	18.20	18.35	19.00
	3	LOW	64QAM	18.65	18.64	18.73	19.00
		MID	64QAM	18.92	18.85	18.82	19.00
		HIGH	64QAM	18.77	18.96	18.56	19.00
	6	LOW	64QAM	17.35	17.67	17.25	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26055	26365	26675	Tune-up power(dBm)
3	1	LOW	QPSK	20.25	20.34	20.39	21.00
		MID	QPSK	20.51	20.61	20.29	21.00
		HIGH	QPSK	20.30	20.24	20.21	21.00
	8	LOW	QPSK	19.32	19.50	19.38	20.00
		MID	QPSK	19.33	19.28	19.45	20.00
		HIGH	QPSK	19.38	19.47	19.42	20.00
3	15	LOW	QPSK	19.35	19.20	19.34	20.00
		LOW	Q16	19.69	19.58	19.76	20.00
		MID	Q16	19.66	19.85	19.89	20.00
	8	HIGH	Q16	19.82	19.86	19.85	20.00
		LOW	Q16	18.21	18.33	18.40	19.00
		MID	Q16	18.35	18.30	18.45	19.00
	15	HIGH	Q16	18.23	18.27	18.48	19.00
		LOW	Q16	18.32	18.43	18.54	19.00
3	1	LOW	64QAM	18.89	18.60	18.83	19.00
		MID	64QAM	18.75	18.92	18.60	19.00
		HIGH	64QAM	18.83	18.89	18.82	19.00
	8	LOW	64QAM	17.52	17.40	17.29	18.00
		MID	64QAM	17.43	17.13	17.31	18.00
		HIGH	64QAM	17.55	17.46	17.64	18.00
	15	LOW	64QAM	17.36	17.24	17.16	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26065	26365	26665	Tune-up power(dBm)
5	1	LOW	QPSK	20.25	20.30	20.43	21.00
		MID	QPSK	20.48	20.55	20.35	21.00
		HIGH	QPSK	20.47	20.39	20.50	21.00
	12	LOW	QPSK	19.45	19.36	19.43	20.00
		MID	QPSK	19.27	19.32	19.37	20.00
		HIGH	QPSK	19.23	19.41	19.48	20.00
5	25	LOW	QPSK	19.21	19.39	19.49	20.00
	1	LOW	Q16	19.73	19.73	19.66	20.00
		MID	Q16	19.75	19.84	19.81	20.00
		HIGH	Q16	19.79	19.98	19.82	20.00
	12	LOW	Q16	18.45	18.29	18.35	19.00
		MID	Q16	18.20	18.26	18.45	19.00
		HIGH	Q16	18.49	18.25	18.40	19.00
	25	LOW	Q16	18.30	18.23	18.36	19.00
5	1	LOW	64QAM	18.84	18.54	18.72	19.00
		MID	64QAM	18.82	18.89	18.76	19.00
		HIGH	64QAM	18.68	18.86	18.77	19.00
	12	LOW	64QAM	17.38	17.13	17.40	18.00
		MID	64QAM	17.45	17.08	17.45	18.00
		HIGH	64QAM	17.48	17.37	17.59	18.00
	25	LOW	64QAM	17.23	17.22	17.20	18.00

LTE B25-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	26090	26365	26640	Tune-up power(dBm)
10	1	LOW	QPSK	20.31	20.27	20.20	21.00
		MID	QPSK	20.40	20.42	20.48	21.00
		HIGH	QPSK	20.44	20.27	20.26	21.00
	25	LOW	QPSK	19.43	19.34	19.30	20.00
		MID	QPSK	19.47	19.36	19.32	20.00
		HIGH	QPSK	19.24	19.33	19.38	20.00
	50	LOW	QPSK	19.22	19.17	19.37	20.00
10	1	LOW	Q16	19.77	19.75	19.72	20.00
		MID	Q16	19.82	19.94	19.69	20.00
		HIGH	Q16	19.62	19.86	19.62	20.00
	25	LOW	Q16	18.24	18.43	18.32	19.00
		MID	Q16	18.18	18.43	18.47	19.00
		HIGH	Q16	18.43	18.31	18.52	19.00
	50	LOW	Q16	18.31	18.20	18.46	19.00
10	1	LOW	64QAM	18.76	18.60	18.85	19.00
		MID	64QAM	18.67	18.89	18.83	19.00
		HIGH	64QAM	18.82	18.98	18.72	19.00
	25	LOW	64QAM	17.51	17.26	17.23	18.00
		MID	64QAM	17.28	17.29	17.49	18.00
		HIGH	64QAM	17.52	17.29	17.47	18.00
	50	LOW	64QAM	17.16	17.43	17.31	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26115	26365	26615	Tune-up power(dBm)
15	1	LOW	QPSK	20.28	20.37	20.32	21.00
		MID	QPSK	20.36	20.48	20.41	21.00
		HIGH	QPSK	20.41	20.39	20.35	21.00
	36	LOW	QPSK	19.33	19.48	19.39	20.00
		MID	QPSK	19.33	19.35	19.45	20.00
		HIGH	QPSK	19.31	19.36	19.42	20.00
	75	LOW	QPSK	19.27	19.31	19.45	20.00
15	1	LOW	Q16	19.69	19.62	19.77	20.00
		MID	Q16	19.76	19.82	19.74	20.00
		HIGH	Q16	19.77	19.91	19.75	20.00
	36	LOW	Q16	18.35	18.39	18.46	19.00
		MID	Q16	18.32	18.34	18.46	19.00
		HIGH	Q16	18.36	18.39	18.45	19.00
	75	LOW	Q16	18.25	18.31	18.45	19.00
15	1	LOW	64QAM	18.76	18.60	18.87	19.00
		MID	64QAM	18.81	18.90	18.71	19.00
		HIGH	64QAM	18.68	18.95	18.81	19.00
	36	LOW	64QAM	17.47	17.25	17.37	18.00
		MID	64QAM	17.40	17.20	17.34	18.00
		HIGH	64QAM	17.41	17.33	17.49	18.00
	75	LOW	64QAM	17.21	17.35	17.30	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	26140	26365	26590	Tune-up power(dBm)
20	1	LOW	QPSK	20.28	20.37	20.32	21.00
		MID	QPSK	20.36	20.48	20.41	21.00
		HIGH	QPSK	20.41	20.39	20.35	21.00
	50	LOW	QPSK	19.33	19.48	19.39	20.00
		MID	QPSK	19.33	19.35	19.45	20.00
		HIGH	QPSK	19.31	19.36	19.42	20.00
	100	LOW	QPSK	19.27	19.31	19.45	20.00
20	1	LOW	Q16	19.69	19.62	19.77	20.00
		MID	Q16	19.76	19.82	19.74	20.00
		HIGH	Q16	19.77	19.91	19.75	20.00
	50	LOW	Q16	18.35	18.39	18.46	19.00
		MID	Q16	18.32	18.34	18.46	19.00
		HIGH	Q16	18.36	18.39	18.45	19.00
	100	LOW	Q16	18.25	18.31	18.45	19.00
20	1	LOW	64QAM	18.66	18.62	18.77	19.00
		MID	64QAM	18.77	18.89	18.83	19.00
		HIGH	64QAM	18.81	18.85	18.87	19.00
	50	LOW	64QAM	17.43	17.26	17.55	18.00
		MID	64QAM	17.24	17.25	17.53	18.00
		HIGH	64QAM	17.51	17.27	17.48	18.00
	100	LOW	64QAM	17.15	17.27	17.30	18.00

8.1.7 LTE Band66 Output Power

LTE B66-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm)
1.4	1	LOW	QPSK	22.11	22.33	22.24	23.50
		MID	QPSK	22.24	22.37	22.36	23.50
		HIGH	QPSK	22.14	22.44	22.32	23.50
	3	LOW	QPSK	22.25	22.36	22.43	23.50
		MID	QPSK	22.27	22.42	22.34	23.50
		HIGH	QPSK	22.22	22.40	22.37	23.50
	6	LOW	QPSK	21.14	21.46	21.42	22.50
	1.4	LOW	Q16	21.58	21.52	21.67	22.50
		MID	Q16	21.37	21.54	21.49	22.50
		HIGH	Q16	21.53	21.57	21.44	22.50
	3	LOW	Q16	21.23	21.53	21.51	22.50
		MID	Q16	21.40	21.60	21.49	22.50
		HIGH	Q16	21.26	21.37	21.46	22.50
	6	LOW	Q16	20.18	20.38	20.35	21.50
1.4	1	LOW	64QAM	20.30	20.51	20.45	21.50
		MID	64QAM	20.24	20.61	20.60	21.50
		HIGH	64QAM	20.23	20.44	20.34	21.50
	3	LOW	64QAM	20.32	20.55	20.47	21.50
		MID	64QAM	20.30	20.53	20.41	21.50
		HIGH	64QAM	20.26	20.40	20.45	21.50
	6	LOW	64QAM	19.24	19.39	19.36	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm)
3	1	LOW	QPSK	22.43	23.12	23.01	23.50
		MID	QPSK	22.40	23.32	22.38	23.50
		HIGH	QPSK	22.24	22.38	22.50	23.50
	8	LOW	QPSK	20.94	21.23	21.23	22.50
		MID	QPSK	21.39	21.42	21.53	22.50
		HIGH	QPSK	21.01	20.55	20.88	22.50
	15	LOW	QPSK	21.29	21.30	21.31	22.50
	3	LOW	Q16	21.44	21.84	21.80	22.50
		MID	Q16	21.45	21.63	21.74	22.50
		HIGH	Q16	21.50	21.93	21.55	22.50
	8	LOW	Q16	19.68	19.95	19.87	21.50
		MID	Q16	20.33	20.52	20.40	21.50
		HIGH	Q16	19.84	19.79	19.89	21.50
	15	LOW	Q16	20.38	20.29	20.20	21.50
3	1	LOW	64QAM	20.56	20.50	20.37	21.50
		MID	64QAM	20.44	20.52	20.71	21.50
		HIGH	64QAM	20.48	20.57	20.37	21.50
	8	LOW	64QAM	18.66	18.84	18.77	20.50
		MID	64QAM	19.27	19.29	19.47	20.50
		HIGH	64QAM	18.50	18.58	18.50	20.50
	15	LOW	64QAM	19.22	19.43	19.34	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm)
5	1	LOW	QPSK	22.64	23.13	23.05	23.50
		MID	QPSK	22.28	23.09	22.54	23.50
		HIGH	QPSK	22.30	22.28	22.58	23.50
	12	LOW	QPSK	20.91	21.20	21.13	22.50
		MID	QPSK	21.27	21.48	21.33	22.50
		HIGH	QPSK	20.92	20.79	20.88	22.50
	25	LOW	QPSK	21.35	21.43	21.40	22.50
	5	LOW	Q16	21.28	21.60	21.58	22.50
		MID	Q16	21.53	21.63	21.79	22.50
		HIGH	Q16	21.59	21.96	21.65	22.50
	12	LOW	Q16	19.84	20.01	19.67	21.50
		MID	Q16	20.42	20.60	20.49	21.50
		HIGH	Q16	19.63	20.02	19.91	21.50
	25	LOW	Q16	20.44	20.47	20.49	21.50
5	1	LOW	64QAM	20.55	20.61	20.48	21.50
		MID	64QAM	20.61	20.48	20.76	21.50
		HIGH	64QAM	20.43	20.67	20.47	21.50
	12	LOW	64QAM	18.65	18.72	18.67	20.50
		MID	64QAM	19.27	19.45	19.28	20.50
		HIGH	64QAM	18.50	18.55	18.61	20.50
	25	LOW	64QAM	19.19	19.26	19.44	20.50

LTE B66-Full Power -Ant.0							
Bandwidth (M	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm
10	1	LOW	QPSK	22.45	23.19	23.08	23.50
		MID	QPSK	22.38	23.16	22.33	23.50
		HIGH	QPSK	22.23	22.53	22.60	23.50
	25	LOW	QPSK	21.09	21.14	21.13	22.50
		MID	QPSK	21.44	21.40	21.41	22.50
		HIGH	QPSK	20.78	20.70	20.67	22.50
	50	LOW	QPSK	21.41	21.28	21.44	22.50
10	1	LOW	Q16	21.50	21.57	21.76	22.50
		MID	Q16	21.62	21.53	21.54	22.50
		HIGH	Q16	21.69	21.85	21.55	22.50
	25	LOW	Q16	19.84	19.78	19.71	21.50
		MID	Q16	20.21	20.59	20.33	21.50
		HIGH	Q16	19.57	19.90	19.81	21.50
	50	LOW	Q16	20.31	20.44	20.35	21.50
10	1	LOW	64QAM	20.48	20.67	20.56	21.50
		MID	64QAM	20.59	20.56	20.76	21.50
		HIGH	64QAM	20.42	20.63	20.23	21.50
	25	LOW	64QAM	18.68	18.97	18.65	20.50
		MID	64QAM	19.24	19.27	19.54	20.50
		HIGH	64QAM	18.74	18.71	18.70	20.50
	50	LOW	64QAM	19.23	19.48	19.49	20.50
Bandwidth (M	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm
15	1	LOW	QPSK	22.50	23.07	23.09	23.50
		MID	QPSK	22.19	23.24	22.28	23.50
		HIGH	QPSK	22.36	22.49	22.55	23.50
	36	LOW	QPSK	20.86	21.22	21.20	22.50
		MID	QPSK	21.41	21.47	21.47	22.50
		HIGH	QPSK	20.84	20.75	20.76	22.50
	75	LOW	QPSK	21.43	21.30	21.50	22.50
15	1	LOW	Q16	21.48	21.59	21.82	22.50
		MID	Q16	21.53	21.54	21.60	22.50
		HIGH	Q16	21.56	21.96	21.65	22.50
	36	LOW	Q16	19.63	19.90	19.67	21.50
		MID	Q16	20.47	20.44	20.56	21.50
		HIGH	Q16	19.71	19.74	19.73	21.50
	75	LOW	Q16	20.42	20.39	20.36	21.50
15	1	LOW	64QAM	20.65	20.48	20.38	21.50
		MID	64QAM	20.48	20.56	20.71	21.50
		HIGH	64QAM	20.50	20.56	20.37	21.50
	36	LOW	64QAM	18.64	18.81	18.72	20.50
		MID	64QAM	19.44	19.39	19.34	20.50
		HIGH	64QAM	18.69	18.62	18.58	20.50
	75	LOW	64QAM	19.36	19.39	19.47	20.50
Bandwidth (M	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm
20	1	LOW	QPSK	22.57	23.05	22.97	23.50
		MID	QPSK	22.29	23.17	22.39	23.50
		HIGH	QPSK	22.32	22.40	22.54	23.50
	50	LOW	QPSK	20.96	21.12	21.15	22.50
		MID	QPSK	21.34	21.47	21.39	22.50
		HIGH	QPSK	20.93	20.70	20.77	22.50
	100	LOW	QPSK	21.37	21.35	21.36	22.50
20	1	LOW	Q16	21.42	21.71	21.68	22.50
		MID	Q16	21.53	21.68	21.67	22.50
		HIGH	Q16	21.62	21.81	21.59	22.50
	50	LOW	Q16	19.72	19.90	19.82	21.50
		MID	Q16	20.36	20.46	20.48	21.50
		HIGH	Q16	19.72	19.88	19.76	21.50
	100	LOW	Q16	20.30	20.33	20.34	21.50
20	1	LOW	64QAM	20.55	20.58	20.52	21.50
		MID	64QAM	20.53	20.43	20.64	21.50
		HIGH	64QAM	20.41	20.58	20.35	21.50
	50	LOW	64QAM	18.53	18.86	18.69	20.50
		MID	64QAM	19.38	19.40	19.42	20.50
		HIGH	64QAM	18.65	18.65	18.61	20.50
	100	LOW	64QAM	19.31	19.33	19.40	20.50

LTE B66-State1&2 -Ant.0							
Bandwidth (M	RB Size	RB offset	Modulation	131979	132322	132665	Tune-up power(dBm
1.4	1	LOW	QPSK	20.16	20.47	20.26	21.00
		MID	QPSK	20.44	20.29	20.26	21.00
		HIGH	QPSK	20.32	20.37	20.36	21.00
	3	LOW	QPSK	20.31	20.47	20.20	21.00
		MID	QPSK	20.49	20.42	20.23	21.00
		HIGH	QPSK	20.46	20.48	20.52	21.00
	6	LOW	QPSK	19.33	19.35	19.22	20.00
1.4	1	LOW	Q16	19.39	19.34	19.31	20.00
		MID	Q16	19.52	19.51	19.24	20.00
		HIGH	Q16	19.48	19.38	19.25	20.00
	3	LOW	Q16	19.63	19.80	19.72	20.00
		MID	Q16	19.88	19.85	19.74	20.00
		HIGH	Q16	19.81	19.78	19.63	20.00
	6	LOW	Q16	18.50	18.35	18.31	19.00
1.4	1	LOW	64QAM	18.31	18.48	18.39	19.00
		MID	64QAM	18.50	18.47	18.36	19.00
		HIGH	64QAM	18.44	18.41	18.37	19.00
	3	LOW	64QAM	18.65	18.68	18.79	19.00
		MID	64QAM	18.95	18.79	18.64	19.00
		HIGH	64QAM	18.96	18.89	18.74	19.00
	6	LOW	64QAM	17.39	17.22	17.27	18.00
Bandwidth (M	RB Size	RB offset	Modulation	131987	132322	132657	Tune-up power(dBm
3	1	LOW	QPSK	20.24	20.35	20.34	21.00
		MID	QPSK	20.48	20.48	20.40	21.00
		HIGH	QPSK	20.31	20.40	20.33	21.00
	8	LOW	QPSK	19.35	19.61	19.50	20.00
		MID	QPSK	19.36	19.26	19.30	20.00
		HIGH	QPSK	19.58	19.23	19.39	20.00
	15	LOW	QPSK	19.30	19.32	19.51	20.00
3	1	LOW	Q16	19.72	19.75	19.73	20.00
		MID	Q16	19.69	19.90	19.97	20.00
		HIGH	Q16	19.90	19.95	19.62	20.00
	8	LOW	Q16	18.42	18.34	18.49	19.00
		MID	Q16	18.36	18.35	18.31	19.00
		HIGH	Q16	18.50	18.53	18.44	19.00
	15	LOW	Q16	18.39	18.47	18.24	19.00
3	1	LOW	64QAM	18.56	18.84	18.75	19.00
		MID	64QAM	18.94	18.93	18.78	19.00
		HIGH	64QAM	18.93	18.78	18.64	19.00
	8	LOW	64QAM	17.47	17.42	17.58	18.00
		MID	64QAM	17.32	17.58	17.24	18.00
		HIGH	64QAM	17.44	17.19	17.47	18.00
	15	LOW	64QAM	17.44	17.52	17.26	18.00
Bandwidth (M	RB Size	RB offset	Modulation	131997	132322	132647	Tune-up power(dBm
5	1	LOW	QPSK	20.29	20.36	20.29	21.00
		MID	QPSK	20.37	20.31	20.21	21.00
		HIGH	QPSK	20.29	20.54	20.31	21.00
	12	LOW	QPSK	19.33	19.38	19.49	20.00
		MID	QPSK	19.45	19.29	19.39	20.00
		HIGH	QPSK	19.43	19.31	19.22	20.00
	25	LOW	QPSK	19.50	19.28	19.48	20.00
5	1	LOW	Q16	19.82	19.74	19.52	20.00
		MID	Q16	19.70	19.91	19.92	20.00
		HIGH	Q16	19.70	19.81	19.63	20.00
	12	LOW	Q16	18.42	18.49	18.31	19.00
		MID	Q16	18.48	18.50	18.33	19.00
		HIGH	Q16	18.56	18.41	18.39	19.00
	25	LOW	Q16	18.54	18.33	18.42	19.00
5	1	LOW	64QAM	18.78	18.98	18.59	19.00
		MID	64QAM	18.96	18.98	18.96	19.00
		HIGH	64QAM	18.93	18.66	18.73	19.00
	12	LOW	64QAM	17.46	17.32	17.29	18.00
		MID	64QAM	17.40	17.31	17.46	18.00
		HIGH	64QAM	17.51	17.20	17.37	18.00
	25	LOW	64QAM	17.47	17.36	17.38	18.00

LTE B66-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	132022	132322	132622	Tune-up power(dBm)
10	1	LOW	QPSK	20.22	20.33	20.45	21.00
		MID	QPSK	20.40	20.46	20.36	21.00
		HIGH	QPSK	20.33	20.45	20.34	21.00
	25	LOW	QPSK	19.49	19.39	19.25	20.00
		MID	QPSK	19.45	19.35	19.53	20.00
		HIGH	QPSK	19.53	19.25	19.24	20.00
	50	LOW	QPSK	19.54	19.36	19.27	20.00
10	1	LOW	Q16	19.83	19.83	19.68	20.00
		MID	Q16	19.79	19.86	19.81	20.00
		HIGH	Q16	19.95	19.76	19.54	20.00
	25	LOW	Q16	18.44	18.55	18.22	19.00
		MID	Q16	18.59	18.45	18.27	19.00
		HIGH	Q16	18.37	18.31	18.42	19.00
	50	LOW	Q16	18.26	18.38	18.24	19.00
10	1	LOW	64QAM	18.69	18.92	18.62	19.00
		MID	64QAM	18.79	18.80	18.91	19.00
		HIGH	64QAM	18.78	18.84	18.66	19.00
	25	LOW	64QAM	17.21	17.41	17.35	18.00
		MID	64QAM	17.33	17.57	17.44	18.00
		HIGH	64QAM	17.69	17.35	17.37	18.00
	50	LOW	64QAM	17.55	17.46	17.38	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132047	132322	132597	Tune-up power(dBm)
15	1	LOW	QPSK	20.37	20.48	20.31	21.00
		MID	QPSK	20.42	20.55	20.42	21.00
		HIGH	QPSK	20.41	20.49	20.50	21.00
	36	LOW	QPSK	19.32	19.62	19.30	20.00
		MID	QPSK	19.51	19.47	19.36	20.00
		HIGH	QPSK	19.46	19.25	19.34	20.00
	75	LOW	QPSK	19.53	19.35	19.53	20.00
15	1	LOW	Q16	19.84	19.90	19.71	20.00
		MID	Q16	19.86	19.97	19.83	20.00
		HIGH	Q16	19.90	19.81	19.78	20.00
	36	LOW	Q16	18.30	18.50	18.25	19.00
		MID	Q16	18.38	18.43	18.32	19.00
		HIGH	Q16	18.61	18.52	18.44	19.00
	75	LOW	Q16	18.34	18.37	18.27	19.00
15	1	LOW	64QAM	18.68	18.80	18.76	19.00
		MID	64QAM	18.90	18.84	18.90	19.00
		HIGH	64QAM	18.75	18.80	18.75	19.00
	36	LOW	64QAM	17.22	17.39	17.51	18.00
		MID	64QAM	17.43	17.41	17.30	18.00
		HIGH	64QAM	17.40	17.38	17.32	18.00
	75	LOW	64QAM	17.35	17.44	17.47	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	132072	132322	132572	Tune-up power(dBm)
20	1	LOW	QPSK	20.30	20.33	20.30	21.00
		MID	QPSK	20.43	20.44	20.36	21.00
		HIGH	QPSK	20.43	20.47	20.38	21.00
	50	LOW	QPSK	19.42	19.51	19.37	20.00
		MID	QPSK	19.45	19.41	19.41	20.00
		HIGH	QPSK	19.44	19.38	19.34	20.00
	100	LOW	QPSK	19.40	19.35	19.38	20.00
20	1	LOW	Q16	19.71	19.85	19.58	20.00
		MID	Q16	19.75	19.93	19.86	20.00
		HIGH	Q16	19.84	19.86	19.66	20.00
	50	LOW	Q16	18.45	18.48	18.37	19.00
		MID	Q16	18.46	18.42	18.37	19.00
		HIGH	Q16	18.49	18.45	18.33	19.00
	100	LOW	Q16	18.41	18.40	18.36	19.00
20	1	LOW	64QAM	18.70	18.99	18.65	19.00
		MID	64QAM	18.89	18.92	18.81	19.00
		HIGH	64QAM	18.83	18.71	18.66	19.00
	50	LOW	64QAM	17.35	17.46	17.43	18.00
		MID	64QAM	17.43	17.46	17.37	18.00
		HIGH	64QAM	17.54	17.32	17.38	18.00
	100	LOW	64QAM	17.49	17.40	17.40	18.00

8.1.8 LTE Band71 Output Power

LTE B71-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	133147	133297	133447	Tune-up power(dBm)
5	1	LOW	QPSK	22.60	22.89	22.83	23.50
		MID	QPSK	22.84	22.70	22.89	23.50
		HIGH	QPSK	22.54	22.84	22.55	23.50
	12	LOW	QPSK	21.35	21.48	20.89	22.50
		MID	QPSK	21.68	21.74	21.70	22.50
		HIGH	QPSK	21.41	21.62	21.24	22.50
	25	LOW	QPSK	21.66	21.91	21.88	22.50
5	1	LOW	Q16	22.07	22.10	22.44	22.50
		MID	Q16	22.02	21.87	22.27	22.50
		HIGH	Q16	22.02	21.88	21.79	22.50
	12	LOW	Q16	20.02	20.36	19.86	21.50
		MID	Q16	20.53	20.86	20.72	21.50
		HIGH	Q16	19.89	20.27	19.79	21.50
	25	LOW	Q16	20.29	20.75	20.67	21.50
5	1	LOW	64QAM	21.06	21.15	21.38	21.50
		MID	64QAM	21.06	20.79	21.26	21.50
		HIGH	64QAM	20.87	20.73	20.77	21.50
	12	LOW	64QAM	19.05	19.28	18.87	20.50
		MID	64QAM	19.41	19.99	19.79	20.50
		HIGH	64QAM	18.86	19.12	18.70	20.50
	25	LOW	64QAM	19.27	19.60	19.75	20.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	133172	133297	133422	Tune-up power(dBm)
10	1	LOW	QPSK	22.75	22.96	22.96	23.50
		MID	QPSK	22.99	22.90	22.94	23.50
		HIGH	QPSK	22.59	22.50	22.53	23.50
	25	LOW	QPSK	21.67	21.58	20.85	22.50
		MID	QPSK	21.70	21.83	21.68	22.50
		HIGH	QPSK	21.42	21.56	21.29	22.50
	50	LOW	QPSK	21.64	21.65	21.55	22.50
10	1	LOW	Q16	22.07	22.37	22.11	22.50
		MID	Q16	22.04	21.69	21.93	22.50
		HIGH	Q16	21.62	21.83	21.89	22.50
	25	LOW	Q16	20.13	20.16	20.06	21.50
		MID	Q16	20.75	20.63	20.61	21.50
		HIGH	Q16	20.02	20.28	19.87	21.50
	50	LOW	Q16	20.62	20.66	20.71	21.50
10	1	LOW	64QAM	20.67	20.73	21.07	21.50
		MID	64QAM	20.90	20.88	20.66	21.50
		HIGH	64QAM	20.73	20.69	20.50	21.50
	25	LOW	64QAM	19.50	19.65	19.37	20.50
		MID	64QAM	19.69	19.72	19.62	20.50
		HIGH	64QAM	19.49	19.83	19.80	20.50
	50	LOW	64QAM	19.53	19.66	19.60	20.50

LTE B71-Full Power -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	133197	133297	133397	Tune-up power(dBm)
15	1	LOW	QPSK	22.55	22.98	22.84	23.50
		MID	QPSK	22.99	22.73	23.01	23.50
		HIGH	QPSK	22.44	22.73	22.40	23.50
	36	LOW	QPSK	21.47	21.48	20.97	22.50
		MID	QPSK	21.65	21.78	21.85	22.50
		HIGH	QPSK	21.45	21.63	21.10	22.50
75	LOW	QPSK	21.63	21.79	21.77	22.50	
15	1	LOW	Q16	22.08	22.11	22.29	22.50
		MID	Q16	21.90	21.81	22.15	22.50
		HIGH	Q16	21.87	21.84	21.83	22.50
	36	LOW	Q16	20.07	20.21	19.87	21.50
		MID	Q16	20.65	20.71	20.66	21.50
		HIGH	Q16	20.04	20.13	19.84	21.50
75	LOW	Q16	20.44	20.80	20.68	21.50	
15	1	LOW	64QAM	20.55	20.90	20.86	21.50
		MID	64QAM	21.07	20.72	20.70	21.50
		HIGH	64QAM	20.75	20.76	20.60	21.50
	36	LOW	64QAM	19.57	19.70	19.35	20.50
		MID	64QAM	19.68	19.67	19.59	20.50
		HIGH	64QAM	19.45	19.88	19.74	20.50
75	LOW	64QAM	19.65	19.82	19.64	20.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	133222	133322	133372	Tune-up power(dBm)
20	1	LOW	QPSK	22.63	22.88	22.87	23.50
		MID	QPSK	23.00	23.08	22.99	23.50
		HIGH	QPSK	22.53	22.62	22.42	23.50
	50	LOW	QPSK	21.61	21.59	20.83	22.50
		MID	QPSK	21.68	21.78	21.73	22.50
		HIGH	QPSK	21.48	21.66	21.17	22.50
100	LOW	QPSK	21.66	21.68	21.67	22.50	
20	1	LOW	Q16	21.97	22.23	22.19	22.50
		MID	Q16	22.00	21.83	22.02	22.50
		HIGH	Q16	21.76	21.72	21.79	22.50
	50	LOW	Q16	20.14	20.22	19.93	21.50
		MID	Q16	20.68	20.74	20.72	21.50
		HIGH	Q16	19.93	20.25	19.85	21.50
100	LOW	Q16	20.59	20.65	20.71	21.50	
20	1	LOW	64QAM	20.58	20.81	20.93	21.50
		MID	64QAM	20.94	20.87	20.72	21.50
		HIGH	64QAM	20.75	20.77	20.62	21.50
	50	LOW	64QAM	19.50	19.56	19.38	20.50
		MID	64QAM	19.58	19.70	19.71	20.50
		HIGH	64QAM	19.35	19.88	19.71	20.50
100	LOW	64QAM	19.54	19.73	19.74	20.50	

LTE B71-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	133147	133297	133447	Tune-up power(dBm)
5	1	LOW	QPSK	19.40	20.00	19.82	21.00
		MID	QPSK	19.46	20.23	20.12	21.00
		HIGH	QPSK	19.08	19.94	20.14	21.00
	12	LOW	QPSK	19.23	19.56	18.93	20.00
		MID	QPSK	19.26	19.16	19.33	20.00
		HIGH	QPSK	19.20	19.47	19.03	20.00
	25	LOW	QPSK	19.23	19.20	18.93	20.00
5	1	LOW	Q16	19.31	19.28	19.31	20.00
		MID	Q16	19.17	19.53	19.38	20.00
		HIGH	Q16	19.11	19.57	19.33	20.00
	12	LOW	Q16	18.41	18.18	18.30	19.00
		MID	Q16	18.32	18.41	18.01	19.00
		HIGH	Q16	18.06	18.18	18.32	19.00
	25	LOW	Q16	18.32	18.13	18.36	19.00
5	1	LOW	64QAM	18.38	18.43	18.40	19.00
		MID	64QAM	18.25	18.57	18.49	19.00
		HIGH	64QAM	17.96	18.61	18.27	19.00
	12	LOW	64QAM	17.29	17.19	17.20	18.00
		MID	64QAM	17.30	17.49	17.05	18.00
		HIGH	64QAM	17.10	17.20	17.34	18.00
	25	LOW	64QAM	17.28	17.20	17.44	18.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	133172	133297	133422	Tune-up power(dBm)
10	1	LOW	QPSK	19.23	19.88	20.14	21.00
		MID	QPSK	19.30	20.14	20.28	21.00
		HIGH	QPSK	19.20	20.22	20.03	21.00
	25	LOW	QPSK	19.17	19.27	19.18	20.00
		MID	QPSK	19.25	19.24	19.27	20.00
		HIGH	QPSK	19.26	19.44	19.12	20.00
50	LOW	QPSK	19.19	19.07	19.05	20.00	
10	1	LOW	Q16	19.36	19.55	19.31	20.00
		MID	Q16	19.26	19.53	19.40	20.00
		HIGH	Q16	19.44	19.44	19.39	20.00
	25	LOW	Q16	18.54	18.30	18.15	19.00
		MID	Q16	18.38	18.25	17.99	19.00
		HIGH	Q16	18.10	18.22	18.35	19.00
50	LOW	Q16	18.39	18.23	18.17	19.00	
10	1	LOW	64QAM	18.30	18.58	18.38	19.00
		MID	64QAM	18.47	18.70	18.46	19.00
		HIGH	64QAM	18.23	18.42	18.32	19.00
	25	LOW	64QAM	17.43	17.04	17.25	18.00
		MID	64QAM	17.21	17.19	17.16	18.00
		HIGH	64QAM	17.34	17.40	17.23	18.00
	50	LOW	64QAM	17.40	17.16	17.06	18.00

LTE B71-State1&2 -Ant.0							
Bandwidth (MHz)	RB Size	RB offset	Modulation	133197	133297	133397	Tune-up power(dBm)
15	1	LOW	QPSK	19.47	20.06	19.97	21.00
		MID	QPSK	19.38	20.16	20.14	21.00
		HIGH	QPSK	19.19	20.09	20.05	21.00
	36	LOW	QPSK	19.27	19.47	19.08	20.00
		MID	QPSK	19.27	19.22	19.24	20.00
		HIGH	QPSK	19.12	19.35	19.14	20.00
75	LOW	QPSK	19.36	19.10	19.03	20.00	
15	1	LOW	Q16	19.35	19.41	19.45	20.00
		MID	Q16	19.18	19.48	19.48	20.00
		HIGH	Q16	19.20	19.47	19.45	20.00
	36	LOW	Q16	18.41	18.25	18.28	19.00
		MID	Q16	18.32	18.34	18.13	19.00
		HIGH	Q16	18.19	18.23	18.20	19.00
75	LOW	Q16	18.44	18.15	18.27	19.00	
15	1	LOW	64QAM	18.43	18.35	18.44	19.00
		MID	64QAM	18.42	18.74	18.62	19.00
		HIGH	64QAM	18.34	18.39	18.40	19.00
	36	LOW	64QAM	17.67	17.23	17.23	18.00
		MID	64QAM	17.28	17.26	17.26	18.00
		HIGH	64QAM	17.15	17.40	17.15	18.00
75	LOW	64QAM	17.37	17.33	17.11	18.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	133222	133322	133372	Tune-up power(dBm)
20	1	LOW	QPSK	19.34	20.02	20.04	21.00
		MID	QPSK	19.33	20.18	20.14	21.00
		HIGH	QPSK	19.32	20.17	20.17	21.00
	50	LOW	QPSK	19.14	19.34	19.11	20.00
		MID	QPSK	19.14	19.32	19.14	20.00
		HIGH	QPSK	19.18	19.33	19.17	20.00
100	LOW	QPSK	19.32	19.15	19.12	20.00	
20	1	LOW	Q16	19.34	19.48	19.33	20.00
		MID	Q16	19.28	19.60	19.52	20.00
		HIGH	Q16	19.29	19.55	19.48	20.00
	50	LOW	Q16	18.46	18.20	18.17	19.00
		MID	Q16	18.34	18.19	18.13	19.00
		HIGH	Q16	18.19	18.27	18.25	19.00
100	LOW	Q16	18.45	18.19	18.13	19.00	
20	1	LOW	64QAM	18.28	18.47	18.44	19.00
		MID	64QAM	18.32	18.64	18.47	19.00
		HIGH	64QAM	18.24	18.40	18.47	19.00
	50	LOW	64QAM	17.55	17.13	17.28	18.00
		MID	64QAM	17.33	17.20	17.22	18.00
		HIGH	64QAM	17.28	17.42	17.16	18.00
100	LOW	64QAM	17.40	17.24	17.09	18.00	

8.1.9 LTE Band41 Output Power

LTE B41-Full Power -Ant.0										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	22.57	22.52	22.81	22.66	22.31	23.00	
		MID	QPSK	22.81	22.51	22.67	22.69	22.68	23.00	
		HIGH	QPSK	22.36	22.59	22.45	22.58	22.68	23.00	
	12	LOW	QPSK	20.28	20.22	20.34	20.35	20.34	22.00	
		MID	QPSK	21.43	21.32	21.52	21.47	21.61	22.00	
		HIGH	QPSK	20.55	20.40	20.36	20.30	20.47	22.00	
	25	LOW	QPSK	21.46	21.44	21.57	21.53	21.39	22.00	
5	1	LOW	Q16	21.75	21.71	21.61	21.90	21.95	22.00	
		MID	Q16	21.63	21.73	21.81	21.75	21.83	22.00	
		HIGH	Q16	21.62	21.81	21.78	21.90	21.97	22.00	
	12	LOW	Q16	19.34	19.28	19.29	19.15	19.13	21.00	
		MID	Q16	20.54	20.64	20.64	20.57	20.47	21.00	
		HIGH	Q16	19.29	19.33	19.05	19.21	19.29	21.00	
	25	LOW	Q16	20.29	20.40	20.38	20.58	20.56	21.00	
5	1	LOW	64QAM	20.88	20.84	20.53	20.99	20.80	21.00	
		MID	64QAM	20.54	20.84	20.85	20.71	20.89	21.00	
		HIGH	64QAM	20.73	20.85	20.86	20.85	20.82	21.00	
	12	LOW	64QAM	18.42	18.15	18.32	18.29	18.11	20.00	
		MID	64QAM	19.57	19.61	19.76	19.60	19.43	20.00	
		HIGH	64QAM	18.26	18.33	18.08	18.13	18.40	20.00	
	25	LOW	64QAM	19.41	19.42	19.49	19.57	19.58	20.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)	
10	1	LOW	QPSK	22.63	22.40	22.83	22.65	22.29	23.00	
		MID	QPSK	22.63	22.68	22.66	22.69	22.77	23.00	
		HIGH	QPSK	22.49	22.57	22.65	22.42	22.58	23.00	
	25	LOW	QPSK	20.24	20.33	20.32	20.40	20.19	22.00	
		MID	QPSK	21.24	21.40	21.54	21.49	21.49	22.00	
		HIGH	QPSK	20.53	20.39	20.49	20.31	20.36	22.00	
10	50	LOW	QPSK	21.22	21.47	21.54	21.65	21.58	22.00	
		LOW	Q16	21.51	21.93	21.81	21.83	21.77	22.00	
		MID	Q16	21.63	21.89	21.98	21.83	21.71	22.00	
	1	HIGH	Q16	21.89	21.66	21.70	21.89	21.91	22.00	
		LOW	Q16	19.10	19.00	19.12	19.15	19.23	21.00	
		MID	Q16	20.55	20.49	20.44	20.52	20.57	21.00	
	HIGH	Q16	19.20	19.16	19.00	19.18	19.26	21.00		
10	50	LOW	Q16	20.21	20.34	20.55	20.58	20.61	21.00	
		1	LOW	64QAM	20.83	20.92	20.77	20.91	20.89	21.00
			MID	64QAM	20.69	20.76	20.68	20.93	20.88	21.00
	HIGH		64QAM	20.75	20.77	20.86	20.92	20.86	21.00	
	25	LOW	64QAM	18.23	18.13	18.12	18.14	18.36	20.00	
		MID	64QAM	19.42	19.39	19.61	19.69	19.62	20.00	
		HIGH	64QAM	18.14	18.03	18.38	18.17	18.30	20.00	
50	LOW	64QAM	19.09	19.21	19.53	19.46	19.77	20.00		

LTE B41-Full Power -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.41	22.57	22.79	22.60	22.29	23.00
		MID	QPSK	22.73	22.45	22.64	22.53	22.75	23.00
		HIGH	QPSK	22.47	22.46	22.65	22.38	22.52	23.00
	36	LOW	QPSK	20.21	20.25	20.38	20.59	20.29	22.00
		MID	QPSK	21.23	21.51	21.52	21.70	21.41	22.00
		HIGH	QPSK	20.45	20.52	20.42	20.24	20.28	22.00
	75	LOW	QPSK	21.38	21.35	21.34	21.57	21.61	22.00
	15	LOW	Q16	21.78	21.73	21.87	21.88	21.76	22.00
		MID	Q16	21.60	21.68	21.86	22.00	21.97	22.00
		HIGH	Q16	21.82	21.84	21.86	21.75	21.99	22.00
	36	LOW	Q16	19.20	19.14	19.29	19.11	19.14	21.00
		MID	Q16	20.38	20.68	20.51	20.46	20.74	21.00
		HIGH	Q16	19.20	19.19	19.12	19.17	19.20	21.00
	75	LOW	Q16	20.10	20.39	20.28	20.58	20.64	21.00
	15	LOW	64QAM	20.74	20.90	20.76	20.89	20.78	21.00
		MID	64QAM	20.93	20.58	20.82	20.85	20.96	21.00
		HIGH	64QAM	20.69	20.84	20.82	20.70	20.91	21.00
	36	LOW	64QAM	18.01	18.12	18.23	18.22	18.40	20.00
		MID	64QAM	19.31	19.41	19.55	19.85	19.67	20.00
		HIGH	64QAM	18.21	18.20	18.26	18.08	18.26	20.00
	75	LOW	64QAM	19.25	19.24	19.37	19.59	19.49	20.00
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.55	22.52	22.73	22.53	22.39	23.00
		MID	QPSK	22.71	22.56	22.69	22.67	22.67	23.00
		HIGH	QPSK	22.51	22.50	22.60	22.45	22.54	23.00
	50	LOW	QPSK	20.32	20.36	20.39	20.45	20.33	22.00
		MID	QPSK	21.34	21.40	21.65	21.61	21.52	22.00
		HIGH	QPSK	20.51	20.50	20.43	20.29	20.43	22.00
	100	LOW	QPSK	21.33	21.37	21.45	21.53	21.52	22.00
	20	LOW	Q16	21.65	21.79	21.73	21.89	21.85	22.00
		MID	Q16	21.71	21.74	21.83	21.85	21.86	22.00
		HIGH	Q16	21.76	21.75	21.85	21.89	21.89	22.00
	50	LOW	Q16	19.07	19.04	19.26	19.25	19.25	21.00
		MID	Q16	20.41	20.53	20.53	20.60	20.60	21.00
		HIGH	Q16	19.19	19.05	19.10	19.20	19.20	21.00
	100	LOW	Q16	20.23	20.37	20.43	20.57	20.57	21.00
	20	LOW	64QAM	20.71	20.91	20.68	20.96	20.90	21.00
		MID	64QAM	20.78	20.64	20.78	20.96	20.88	21.00
		HIGH	64QAM	20.68	20.70	20.77	20.81	20.98	21.00
	50	LOW	64QAM	18.16	18.00	18.25	18.29	18.34	20.00
		MID	64QAM	19.44	19.39	19.53	19.73	19.68	20.00
		HIGH	64QAM	18.10	18.14	18.24	18.05	18.24	20.00
	100	LOW	64QAM	19.10	19.33	19.48	19.60	19.64	20.00

LTE B41-State1&2 -Ant.0									
Bandwidth (	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	20.04	20.08	20.18	20.13	20.13	20.50
		MID	QPSK	20.12	20.08	20.10	19.95	20.01	20.50
		HIGH	QPSK	20.09	20.11	20.00	19.62	20.19	20.50
	12	LOW	QPSK	17.98	17.91	17.83	17.91	17.98	19.50
		MID	QPSK	18.82	19.04	19.21	18.89	18.93	19.50
		HIGH	QPSK	17.89	18.01	17.89	17.85	17.95	19.50
	25	LOW	QPSK	18.91	18.78	19.00	19.04	18.96	19.50
5	1	LOW	Q16	19.09	19.05	19.43	19.11	19.50	19.50
		MID	Q16	19.30	19.35	19.25	19.28	19.15	19.50
		HIGH	Q16	19.19	19.35	19.32	19.23	19.01	19.50
	12	LOW	Q16	16.55	16.90	16.78	16.98	16.85	18.50
		MID	Q16	17.68	17.70	17.89	18.05	18.26	18.50
		HIGH	Q16	16.58	16.68	16.57	16.54	16.59	18.50
	25	LOW	Q16	17.50	17.81	17.82	17.57	18.22	18.50
5	1	LOW	64QAM	18.17	18.07	18.33	18.08	18.47	18.50
		MID	64QAM	18.20	18.27	18.25	18.30	18.17	18.50
		HIGH	64QAM	18.21	18.33	18.30	18.10	17.90	18.50
	12	LOW	64QAM	15.53	15.90	15.73	15.98	15.81	17.50
		MID	64QAM	16.54	16.68	17.03	17.07	17.25	17.50
		HIGH	64QAM	15.61	15.77	15.71	15.50	15.57	17.50
	25	LOW	64QAM	16.62	16.80	16.78	16.63	17.32	17.50
Bandwidth (	RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	20.09	19.92	20.19	20.20	20.20	20.50
		MID	QPSK	20.24	20.31	20.13	20.12	20.20	20.50
		HIGH	QPSK	20.21	19.95	19.76	19.69	20.14	20.50
	25	LOW	QPSK	17.90	18.07	17.80	17.90	18.08	19.50
		MID	QPSK	18.73	18.92	19.03	19.05	19.11	19.50
		HIGH	QPSK	18.01	18.13	17.90	17.98	17.80	19.50
	50	LOW	QPSK	18.94	18.83	19.01	18.83	18.94	19.50
10	1	LOW	Q16	19.08	18.96	19.30	19.13	19.22	19.50
		MID	Q16	19.33	19.35	19.34	19.23	19.43	19.50
		HIGH	Q16	19.28	19.44	19.32	19.32	19.46	19.50
	25	LOW	Q16	16.79	16.74	17.03	16.77	16.89	18.50
		MID	Q16	17.70	17.83	17.84	18.13	18.11	18.50
		HIGH	Q16	16.71	16.53	16.64	16.56	16.61	18.50
	50	LOW	Q16	17.80	17.75	17.72	17.83	18.21	18.50
10	1	LOW	64QAM	18.30	18.14	18.39	18.29	18.07	18.50
		MID	64QAM	18.49	18.39	18.21	18.40	18.47	18.50
		HIGH	64QAM	18.34	18.35	18.32	18.21	18.06	18.50
	25	LOW	64QAM	15.62	15.89	15.92	16.06	15.81	17.50
		MID	64QAM	16.97	16.68	16.79	17.04	17.28	17.50
		HIGH	64QAM	15.61	15.62	15.67	15.51	15.57	17.50
	50	LOW	64QAM	16.68	16.77	16.93	16.72	17.17	17.50

LTE B41-State1&2 -Ant.0									
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	20.21	20.18	20.31	19.93	20.03	20.50
		MID	QPSK	20.20	20.21	20.21	20.10	20.25	20.50
		HIGH	QPSK	20.04	20.13	19.99	19.79	19.99	20.50
	36	LOW	QPSK	17.79	18.10	17.84	17.82	18.03	19.50
		MID	QPSK	18.93	18.82	19.07	19.06	18.90	19.50
		HIGH	QPSK	17.95	17.92	18.09	18.00	17.77	19.50
	75	LOW	QPSK	18.96	18.78	19.14	18.78	19.01	19.50
	15	LOW	Q16	19.13	19.19	19.26	19.31	19.36	19.50
		MID	Q16	19.20	19.31	19.11	19.17	19.49	19.50
		HIGH	Q16	19.25	19.24	19.12	19.16	19.38	19.50
		LOW	Q16	16.72	16.63	16.97	16.80	16.76	18.50
		MID	Q16	17.67	17.60	17.75	18.11	18.20	18.50
		HIGH	Q16	16.54	16.58	16.73	16.52	16.65	18.50
15	1	LOW	64QAM	18.16	18.01	18.31	18.12	18.07	18.50
		MID	64QAM	18.28	18.43	18.26	18.37	18.40	18.50
		HIGH	64QAM	18.31	18.40	18.26	18.07	18.35	18.50
	36	LOW	64QAM	15.60	15.84	15.99	15.91	15.89	17.50
		MID	64QAM	16.83	16.79	16.93	16.88	17.22	17.50
		HIGH	64QAM	15.60	15.58	15.79	15.53	15.69	17.50
	75	LOW	64QAM	16.76	16.69	17.04	16.64	17.34	17.50
Bandwidth (MHz)	RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	20.17	20.04	20.18	20.08	20.10	20.50
		MID	QPSK	20.16	20.17	20.10	20.07	20.12	20.50
		HIGH	QPSK	20.12	20.04	19.85	19.72	20.08	20.50
	50	LOW	QPSK	17.89	18.03	17.77	17.83	17.94	19.50
		MID	QPSK	18.87	18.89	19.06	18.92	19.01	19.50
		HIGH	QPSK	17.97	18.07	18.03	17.98	17.82	19.50
	100	LOW	QPSK	18.85	18.83	19.02	18.93	18.95	19.50
	20	LOW	Q16	19.08	19.08	19.31	19.25	19.35	19.50
		MID	Q16	19.33	19.43	19.23	19.27	19.46	19.50
		HIGH	Q16	19.31	19.38	19.18	19.18	19.49	19.50
		LOW	Q16	16.64	16.76	16.88	16.88	16.80	18.50
		MID	Q16	17.78	17.68	17.86	18.01	18.23	18.50
		HIGH	Q16	16.52	16.53	16.68	16.53	16.57	18.50
20	1	LOW	64QAM	18.17	18.05	18.37	18.21	18.21	18.50
		MID	64QAM	18.40	18.33	18.34	18.42	18.39	18.50
		HIGH	64QAM	18.35	18.37	18.23	18.21	18.45	18.50
	50	LOW	64QAM	15.60	15.81	15.99	15.99	15.75	17.50
		MID	64QAM	16.86	16.68	16.88	17.02	17.19	17.50
		HIGH	64QAM	15.72	15.70	15.68	15.66	15.69	17.50
	100	LOW	64QAM	16.61	16.82	16.90	16.62	17.21	17.50

8.2.1 NR Band2 Output Power

N2-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM	1	1	21.93	21.56	22.16	23.00
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
		RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM	1	1	21.91	21.96	22.19	23.00
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
		RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM	1	1	21.88	21.90	21.90	23.00
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
		RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	21.93	22.03	21.91	23.00
		1	53	21.93	21.80	22.01	23.00
		1	104	21.80	21.98	21.95	23.00
	DFT-s-OFDM BPSK	50	0	21.71	21.85	21.85	23.00
		50	28	21.75	21.94	21.96	23.00
		50	56	21.80	21.97	21.98	23.00
	DFT-s-OFDM BPSK	100	0	21.02	20.85	20.81	22.00
	DFT-s-OFDM QPSK	1	1	21.76	21.76	22.02	23.00
		1	53	22.08	21.89	21.87	23.00
		1	104	21.65	22.01	21.94	23.00
	DFT-s-OFDM QPSK	50	0	21.60	21.73	22.04	23.00
		50	28	21.79	22.06	21.96	23.00
		50	56	21.92	22.17	22.09	23.00
	DFT-s-OFDM QPSK	100	0	21.21	20.70	20.92	22.00
	DFT-s-OFDM 16QAM	1	1	20.56	20.46	20.46	22.00
	DFT-s-OFDM 64QAM	1	1	19.64	19.83	19.73	20.50
	DFT-s-OFDM 256QAM	1	1	16.76	16.89	16.82	18.50
	CP-OFDM QPSK	1	1	20.11	19.93	19.86	21.50
	CP-OFDM 16QAM	1	1	19.03	19.23	19.24	21.00
	CP-OFDM 64QAM	1	1	17.65	17.68	17.67	19.50
	CP-OFDM 256QAM	1	1	15.54	15.62	15.71	16.50

N2-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM	1	1	20.42	20.46	20.16	21.00
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
		RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM	1	1	20.30	20.62	20.43	21.00
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
		RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM	1	1	20.37	20.30	20.13	21.00
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
		RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	20.38	20.50	20.35	21.00
		1	53	20.52	20.69	20.68	21.00
		1	104	20.31	20.44	20.41	21.00
	DFT-s-OFDM BPSK	50	0	20.23	20.39	20.41	21.00
		50	28	20.78	20.59	20.64	21.00
		50	56	20.05	20.16	20.23	21.00
	DFT-s-OFDM BPSK	100	0	19.97	20.09	20.26	21.00
	DFT-s-OFDM QPSK	1	1	20.25	20.42	20.30	21.00
		1	53	20.40	20.62	20.63	21.00
		1	104	20.37	20.41	20.24	21.00
	DFT-s-OFDM QPSK	50	0	20.05	20.27	20.33	21.00
		50	28	20.73	20.26	20.48	21.00
		50	56	20.03	20.13	20.03	21.00
	DFT-s-OFDM QPSK	100	0	19.83	20.05	20.15	21.00
	DFT-s-OFDM 16QAM	1	1	19.90	19.83	19.78	21.00
	DFT-s-OFDM 64QAM	1	1	19.99	19.96	19.81	20.50
	DFT-s-OFDM 256QAM	1	1	16.67	16.85	17.01	18.50
	CP-OFDM QPSK	1	1	19.40	19.53	19.68	21.00
	CP-OFDM 16QAM	1	1	19.42	19.28	19.19	21.00
	CP-OFDM 64QAM	1	1	17.54	17.74	17.91	19.50
	CP-OFDM 256QAM	1	1	15.46	15.60	15.66	16.50

8.2.2 NR Band5 Output Power

N5-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	22.40	22.22	22.45	23.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	22.16	22.21	22.34	23.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	22.12	22.29	22.34	23.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.28	22.51	22.47	23.00
		1	53	22.24	22.35	22.38	23.00
		1	104	22.21	22.34	22.25	23.00
	DFT-s-OFDM BPSK	50	0	22.24	22.62	22.59	23.00
		50	28	22.28	22.37	22.45	23.00
		50	56	22.53	22.34	22.14	23.00
	DFT-s-OFDM BPSK	100	0	21.21	21.41	21.43	22.00
	DFT-s-OFDM QPSK	1	1	22.27	22.32	22.39	23.00
		1	53	22.41	22.50	22.56	23.00
		1	104	22.34	22.19	22.36	23.00
	DFT-s-OFDM QPSK	50	0	22.38	22.22	22.62	23.00
		50	28	22.41	22.33	22.25	23.00
		50	56	22.66	22.38	22.12	23.00
	DFT-s-OFDM QPSK	100	0	21.40	21.36	21.27	22.00
	DFT-s-OFDM 16QAM	1	1	21.51	21.31	21.26	22.00
	DFT-s-OFDM 64QAM	1	1	19.99	19.86	19.73	20.50
	DFT-s-OFDM 256QAM	1	1	17.44	17.48	17.48	18.50
	CP-OFDM QPSK	1	1	20.67	20.73	20.59	21.50
	CP-OFDM 16QAM	1	1	20.25	20.31	20.45	21.00
	CP-OFDM 64QAM	1	1	18.88	18.75	18.89	19.50
	CP-OFDM 256QAM	1	1	15.59	15.53	15.66	16.50

N5-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	20.56	20.49	20.62	21.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	20.54	20.22	20.85	21.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	20.62	20.38	20.77	21.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	20.46	20.60	20.59	21.00
		1	53	20.37	20.46	20.29	21.00
		1	104	20.43	20.63	20.53	21.00
	DFT-s-OFDM BPSK	50	0	20.72	20.82	20.75	21.00
		50	28	20.27	20.45	20.47	21.00
		50	56	20.59	20.55	20.61	21.00
	DFT-s-OFDM BPSK	100	0	19.64	19.61	19.68	20.00
	DFT-s-OFDM QPSK	1	1	20.57	20.30	20.77	21.00
		1	53	20.25	20.63	20.09	21.00
		1	104	20.40	20.44	20.60	21.00
	DFT-s-OFDM QPSK	50	0	20.89	20.28	20.72	21.00
		50	28	20.23	20.65	20.54	21.00
		50	56	20.72	20.65	20.76	21.00
	DFT-s-OFDM QPSK	100	0	19.74	20.40	19.64	21.00
	DFT-s-OFDM 16QAM	1	1	20.36	20.54	20.34	21.00
	DFT-s-OFDM 64QAM	1	1	20.00	20.03	20.22	20.50
	DFT-s-OFDM 256QAM	1	1	17.78	17.95	17.95	18.50
	CP-OFDM QPSK	1	1	20.50	20.55	20.59	21.00
	CP-OFDM 16QAM	1	1	20.80	20.66	20.53	21.00
	CP-OFDM 64QAM	1	1	18.69	18.58	18.70	19.50
	CP-OFDM 256QAM	1	1	15.75	15.64	15.69	16.50

8.2.3 NR Band12 Output Power

N12-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	22.40	22.60	22.68	23.00
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	22.60	22.52	22.56	23.00
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	22.46	22.38	22.43	23.00
		1	40	22.39	22.47	22.42	23.00
		1	77	22.22	22.52	22.23	23.00
	DFT-s-OFDM BPSK	36	0	22.32	22.78	22.72	23.00
		36	22	22.30	22.49	22.15	23.00
		36	43	22.08	22.48	22.10	23.00
	DFT-s-OFDM BPSK	75	0	21.52	21.55	21.37	22.00
		1	1	22.25	22.14	22.38	23.00
		1	40	22.20	22.57	22.61	23.00
	DFT-s-OFDM QPSK	1	77	22.08	22.19	22.25	23.00
		36	0	22.54	22.40	22.74	23.00
		36	22	22.42	22.27	22.23	23.00
	DFT-s-OFDM QPSK	36	43	22.07	22.35	22.24	23.00
		75	0	21.27	21.37	21.39	22.00
	DFT-s-OFDM 16QAM	1	1	21.05	21.47	21.55	22.00
	DFT-s-OFDM 64QAM	1	1	19.61	19.89	20.08	20.50
	DFT-s-OFDM 256QAM	1	1	17.48	17.64	17.78	18.50
	CP-OFDM QPSK	1	1	20.82	20.88	20.84	21.50
	CP-OFDM 16QAM	1	1	20.28	20.13	20.37	21.00
	CP-OFDM 64QAM	1	1	18.91	18.84	18.84	19.50
	CP-OFDM 256QAM	1	1	15.49	15.55	15.23	16.50

N12-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	20.41	20.02	20.51	21.00
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	20.29	20.14	20.49	21.00
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	20.31	20.67	20.77	21.00
		1	40	20.17	20.51	20.34	21.00
		1	77	20.59	20.78	20.51	21.00
	DFT-s-OFDM BPSK	36	0	20.62	20.92	20.90	21.00
		36	22	20.21	20.58	20.69	21.00
		36	43	20.84	20.69	20.83	21.00
	DFT-s-OFDM BPSK	75	0	19.67	19.56	19.68	20.00
		1	1	20.24	20.31	20.51	21.00
		1	40	20.59	20.79	20.10	21.00
	DFT-s-OFDM QPSK	1	77	20.23	20.55	20.34	21.00
		36	0	20.26	20.16	20.57	21.00
		36	22	20.45	20.50	20.60	21.00
		36	43	20.76	20.45	20.61	21.00
	DFT-s-OFDM QPSK	75	0	19.78	20.44	19.88	21.00
	DFT-s-OFDM 16QAM	1	1	20.50	20.47	20.57	21.00
	DFT-s-OFDM 64QAM	1	1	20.05	20.00	20.10	20.50
	DFT-s-OFDM 256QAM	1	1	17.94	17.76	17.69	18.50
	CP-OFDM QPSK	1	1	20.52	20.65	20.59	21.00
	CP-OFDM 16QAM	1	1	20.48	20.62	20.70	21.00
	CP-OFDM 64QAM	1	1	18.82	18.53	18.43	19.50
	CP-OFDM 256QAM	1	1	15.69	15.58	15.45	16.50

8.2.4 NR Band14 Output Power

N14-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		158100	158600	159100	Tune-up power(dB)
		RB Size	RB offset	790.5	793	795.5	
5	DFT-s-OFDM QPSK	1	1	22.45	22.29	22.25	23.00
Bandwidth (MHz)	Modulation	Channel		/	158600	/	Tune-up power(dB)
		RB Size	RB offset	/	793	/	
10	DFT-s-OFDM BPSK	1	1	/	22.45	/	23.00
		1	26	/	22.30	/	23.00
		1	50	/	22.23	/	23.00
	DFT-s-OFDM BPSK	25	0	/	22.41	/	23.00
		25	14	/	22.54	/	23.00
		25	27	/	22.34	/	23.00
	DFT-s-OFDM BPSK	50	0	/	21.30	/	22.00
		1	1	/	22.48	/	23.00
	DFT-s-OFDM QPSK	1	26	/	22.28	/	23.00
		1	50	/	22.30	/	23.00
		25	0	/	22.37	/	23.00
	DFT-s-OFDM QPSK	25	14	/	22.15	/	23.00
		25	27	/	22.44	/	23.00
		50	0	/	21.46	/	22.00
	DFT-s-OFDM 16QAM	1	1	/	21.24	/	22.00
	DFT-s-OFDM 64QAM	1	1	/	19.82	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.49	/	18.50
	CP-OFDM QPSK	1	1	/	20.86	/	21.50
	CP-OFDM 16QAM	1	1	/	20.14	/	21.00
	CP-OFDM 64QAM	1	1	/	18.60	/	19.50
	CP-OFDM 256QAM	1	1	/	15.73	/	16.50

N14-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		158100	158600	159100	Tune-up power(dB)
		RB Size	RB offset	790.5	793	795.5	
5	DFT-s-OFDM QPSK	1	1	20.06	20.05	20.38	21.00
Bandwidth (MHz)	Modulation	Channel		/	158600	/	Tune-up power(dB)
		RB Size	RB offset	/	793	/	
10	DFT-s-OFDM BPSK	1	1	/	20.41	/	21.00
		1	26	/	20.64	/	21.00
		1	50	/	20.81	/	21.00
	DFT-s-OFDM BPSK	25	0	/	20.69	/	21.00
		25	14	/	20.31	/	21.00
		25	27	/	20.47	/	21.00
	DFT-s-OFDM BPSK	50	0	/	19.66	/	20.00
		1	1	/	20.47	/	21.00
		1	26	/	20.33	/	21.00
	DFT-s-OFDM QPSK	1	50	/	20.77	/	21.00
		25	0	/	20.25	/	21.00
		25	14	/	20.66	/	21.00
	DFT-s-OFDM QPSK	25	27	/	20.36	/	21.00
		50	0	/	20.38	/	21.00
		1	1	/	20.37	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.37	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	19.83	/	20.50
	DFT-s-OFDM 256QAM	1	1	/	17.91	/	18.50
	CP-OFDM QPSK	1	1	/	20.72	/	21.00
	CP-OFDM 16QAM	1	1	/	20.60	/	21.00
	CP-OFDM 64QAM	1	1	/	18.45	/	19.50
	CP-OFDM 256QAM	1	1	/	15.61	/	16.50

8.2.5 NR Band25 Output Power

N25-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		370500	376500	382500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	21.83	22.09	22.01	23.00
Bandwidth (MHz)	Modulation	Channel		371000	376500	382000	Tune-up power(dB)
		RB Size	RB offset	1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	22.02	22.10	22.35	23.00
Bandwidth (MHz)	Modulation	Channel		371500	376500	381500	Tune-up power(dB)
		RB Size	RB offset	1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	21.86	22.17	21.83	23.00
Bandwidth (MHz)	Modulation	Channel		372000	376500	381000	Tune-up power(dB)
		RB Size	RB offset	1860	1882.5	1905	
20	DFT-s-OFDM BPSK	1	1	21.95	22.16	22.06	23.00
		1	53	21.81	22.17	22.00	23.00
		1	104	21.88	22.02	22.13	23.00
	DFT-s-OFDM BPSK	50	0	21.95	22.19	22.13	23.00
		50	28	22.01	22.21	21.86	23.00
		50	56	22.20	22.13	22.18	23.00
	DFT-s-OFDM BPSK	100	0	20.86	20.85	20.73	22.00
	DFT-s-OFDM QPSK	1	1	22.09	22.04	22.23	23.00
		1	53	21.98	22.15	22.17	23.00
		1	104	21.70	21.93	22.12	23.00
	DFT-s-OFDM QPSK	50	0	21.93	22.08	21.98	23.00
		50	28	22.16	21.87	21.71	23.00
		50	56	22.00	22.32	22.16	23.00
	DFT-s-OFDM QPSK	100	0	20.86	20.89	20.64	22.00
	DFT-s-OFDM 16QAM	1	1	21.16	21.01	21.00	22.00
	DFT-s-OFDM 64QAM	1	1	19.57	19.76	19.72	20.50
	DFT-s-OFDM 256QAM	1	1	17.65	17.63	17.58	18.50
	CP-OFDM QPSK	1	1	20.66	20.79	20.99	21.50
	CP-OFDM 16QAM	1	1	20.15	20.23	20.25	21.00
	CP-OFDM 64QAM	1	1	18.65	18.55	18.42	19.50
	CP-OFDM 256QAM	1	1	15.18	15.26	15.31	16.50

N25-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		370500	376500	382500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1882.5	1912.5	
5	DFT-s-OFDM QPSK	1	1	20.78	20.42	20.42	21.00
Bandwidth (MHz)	Modulation	Channel		371000	376500	382000	Tune-up power(dB)
		RB Size	RB offset	1855	1882.5	1910	
10	DFT-s-OFDM QPSK	1	1	20.83	20.39	20.36	21.00
Bandwidth (MHz)	Modulation	Channel		371500	376500	381500	Tune-up power(dB)
		RB Size	RB offset	1857.5	1882.5	1907.5	
15	DFT-s-OFDM QPSK	1	1	20.83	20.31	20.67	21.00
Bandwidth (MHz)	Modulation	Channel		372000	376500	381000	Tune-up power(dB)
		RB Size	RB offset	1860	1882.5	1905	
20	DFT-s-OFDM BPSK	1	1	20.35	20.50	20.55	21.00
		1	53	20.43	20.29	20.09	21.00
		1	104	20.37	20.65	20.64	21.00
	DFT-s-OFDM BPSK	50	0	20.61	20.86	20.60	21.00
		50	28	20.55	20.62	20.63	21.00
		50	56	20.30	20.69	20.45	21.00
	DFT-s-OFDM BPSK	100	0	19.83	19.63	19.52	20.00
	DFT-s-OFDM QPSK	1	1	20.67	20.20	20.56	21.00
		1	53	20.50	20.47	20.37	21.00
		1	104	20.48	20.48	20.73	21.00
	DFT-s-OFDM QPSK	50	0	20.81	20.24	20.58	21.00
		50	28	20.63	20.49	20.77	21.00
		50	56	20.38	20.60	20.48	21.00
	DFT-s-OFDM QPSK	100	0	19.97	20.46	19.35	21.00
	DFT-s-OFDM 16QAM	1	1	20.66	20.47	20.65	21.00
	DFT-s-OFDM 64QAM	1	1	19.99	20.08	19.85	20.50
	DFT-s-OFDM 256QAM	1	1	17.96	17.82	18.09	18.50
	CP-OFDM QPSK	1	1	20.81	20.72	20.52	21.00
	CP-OFDM 16QAM	1	1	20.68	20.72	20.71	21.00
	CP-OFDM 64QAM	1	1	18.37	18.50	18.64	19.50
	CP-OFDM 256QAM	1	1	15.78	15.60	15.56	16.50

8.2.6 NR Band66 Output Power

N66-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		1712.5	1745	1777.5	Tune-up power(dB)
		RB Size	RB offset	342500	349000	355500	
5	DFT-s-OFDM QPSK	1	1	22.13	21.79	22.24	23.00
Bandwidth (MHz)	Modulation	Channel		1715	1745	1775	Tune-up power(dB)
		RB Size	RB offset	343000	349000	355000	
10	DFT-s-OFDM QPSK	1	1	22.17	21.66	21.88	23.00
Bandwidth (MHz)	Modulation	Channel		1717.5	1745	1772.5	Tune-up power(dB)
		RB Size	RB offset	343500	349000	354500	
15	DFT-s-OFDM QPSK	1	1	22.08	21.82	21.97	23.00
Bandwidth (MHz)	Modulation	Channel		1730	1745	1760	Tune-up power(dB)
		RB Size	RB offset	346000	349000	352000	
20	DFT-s-OFDM BPSK	1	1	21.99	21.95	21.88	23.00
		1	53	21.95	21.88	21.95	23.00
		1	104	21.94	22.01	21.99	23.00
	DFT-s-OFDM BPSK	50	0	21.86	22.03	21.90	23.00
		50	28	22.08	21.83	21.94	23.00
		50	56	21.99	21.98	21.99	23.00
	DFT-s-OFDM BPSK	100	0	21.02	20.80	20.95	22.00
		1	1	22.01	21.79	22.07	23.00
		1	53	21.84	21.92	22.13	23.00
	DFT-s-OFDM QPSK	1	104	21.97	22.12	21.87	23.00
		50	0	21.92	22.22	22.04	23.00
		50	28	22.06	21.70	21.94	23.00
	DFT-s-OFDM QPSK	50	56	21.95	21.91	21.80	23.00
		100	0	21.18	20.91	20.92	22.00
		1	1	20.83	20.91	20.88	22.00
	DFT-s-OFDM 16QAM	1	1	19.84	19.77	19.69	20.50
	DFT-s-OFDM 64QAM	1	1	16.96	16.85	16.76	18.50
	DFT-s-OFDM 256QAM	1	1	20.71	20.75	20.63	21.50
	CP-OFDM QPSK	1	1	19.84	19.81	19.87	21.00
	CP-OFDM 16QAM	1	1	17.86	17.76	17.93	19.50
	CP-OFDM 64QAM	1	1	14.89	14.99	15.03	16.50
	CP-OFDM 256QAM	1	1				

N66-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		1712.5	1745	1777.5	Tune-up power(dB)
		RB Size	RB offset	342500	349000	355500	
5	DFT-s-OFDM QPSK	1	1	20.41	20.64	20.36	21.00
Bandwidth (MHz)	Modulation	Channel		1715	1745	1775	Tune-up power(dB)
		RB Size	RB offset	343000	349000	355000	
10	DFT-s-OFDM QPSK	1	1	20.52	20.62	20.50	21.00
Bandwidth (MHz)	Modulation	Channel		1717.5	1745	1772.5	Tune-up power(dB)
		RB Size	RB offset	343500	349000	354500	
15	DFT-s-OFDM QPSK	1	1	20.50	20.66	20.19	21.00
Bandwidth (MHz)	Modulation	Channel		1730	1745	1760	Tune-up power(dB)
		RB Size	RB offset	346000	349000	352000	
20	DFT-s-OFDM BPSK	1	1	20.49	20.54	20.51	21.00
		1	53	20.54	20.69	20.62	21.00
		1	104	20.32	20.36	20.35	21.00
	DFT-s-OFDM BPSK	50	0	20.41	20.45	20.19	21.00
		50	28	20.37	20.44	20.24	21.00
		50	56	19.98	20.34	20.14	21.00
	DFT-s-OFDM BPSK	100	0	19.88	20.07	20.01	21.00
		1	1	20.33	20.47	20.33	21.00
	DFT-s-OFDM QPSK	1	53	20.73	20.37	20.65	21.00
		1	104	20.17	20.15	20.47	21.00
		50	0	20.42	20.23	20.14	21.00
	DFT-s-OFDM QPSK	50	28	20.76	20.07	20.71	21.00
		50	56	19.88	20.54	20.12	21.00
		100	0	20.08	20.15	20.27	21.00
	DFT-s-OFDM 16QAM	1	1	19.87	19.85	19.68	21.00
	DFT-s-OFDM 64QAM	1	1	19.88	20.12	20.16	20.50
	DFT-s-OFDM 256QAM	1	1	16.55	16.67	17.04	18.50
	CP-OFDM QPSK	1	1	19.53	19.48	19.51	21.00
	CP-OFDM 16QAM	1	1	19.30	19.35	19.19	21.00
	CP-OFDM 64QAM	1	1	17.74	17.89	17.86	19.50
	CP-OFDM 256QAM	1	1	15.89	15.54	15.35	16.50

8.2.7 NR Band41 Output Power

N41-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		500202	510402	518598	526800	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2552.01	2592.99	2634	2685	
10	DFT-s-OFDM QPSK	1	1	21.66	22.01	21.57	21.84	21.74	23.00
Bandwidth (MHz)	Modulation	Channel		500700	510153	518598	527048	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2550.77	2592.99	2635.24	2682.48	
15	DFT-s-OFDM QPSK	1	1	21.53	22.05	21.58	21.81	21.66	23.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	21.87	21.79	21.96	21.85	21.77	23.00
		1	53	21.44	21.60	21.56	21.52	21.69	23.00
		1	104	21.94	21.88	21.89	21.94	21.97	23.00
	DFT-s-OFDM BPSK	50	0	21.70	21.95	21.95	21.90	21.81	23.00
		50	28	21.81	21.45	21.82	21.57	21.53	23.00
		50	56	21.66	21.87	21.73	21.53	21.54	23.00
	DFT-s-OFDM BPSK	100	0	21.01	20.74	20.93	20.95	20.74	22.00
		1	1	21.68	21.91	21.77	21.73	21.78	23.00
	DFT-s-OFDM QPSK	1	53	21.27	21.49	21.39	21.55	21.50	23.00
		1	104	21.82	21.92	21.61	21.79	21.78	23.00
		50	0	21.74	21.88	21.78	21.98	21.61	23.00
	DFT-s-OFDM QPSK	50	28	21.61	21.53	21.40	21.73	21.46	23.00
		50	56	21.60	21.88	21.74	21.42	21.72	23.00
		100	0	21.10	20.78	20.97	21.14	20.61	22.00
	DFT-s-OFDM 16QAM	1	1	21.13	21.03	21.16	21.24	21.10	22.00
	DFT-s-OFDM 64QAM	1	1	19.76	19.55	19.65	19.80	19.57	20.50
	DFT-s-OFDM 256QAM	1	1	17.38	17.52	17.38	17.28	17.22	18.50
	CP-OFDM QPSK	1	1	20.47	20.75	20.59	20.50	20.64	21.50
	CP-OFDM 16QAM	1	1	20.21	20.12	20.30	20.10	20.49	21.00
	CP-OFDM 64QAM	1	1	18.49	18.82	18.62	18.48	18.75	19.50
	CP-OFDM 256QAM	1	1	15.81	15.78	15.67	15.66	15.72	16.50

N41-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		500202	510402	518598	526800	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2552.01	2592.99	2634	2685	
20	DFT-s-OFDM QPSK	1	1	20.40	20.22	20.23	20.26	20.71	21.00
Bandwidth (MHz)	Modulation	Channel		500700	510153	518598	527048	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2550.77	2592.99	2635.24	2682.48	
30	DFT-s-OFDM QPSK	1	1	20.37	20.22	20.32	20.17	20.38	21.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM BPSK	1	1	20.26	20.70	20.97	20.27	20.62	21.00
		1	53	20.27	20.45	20.47	20.20	20.40	21.00
		1	104	20.59	20.83	20.54	20.54	20.77	21.00
	DFT-s-OFDM BPSK	50	0	20.81	20.82	20.54	20.36	20.70	21.00
		50	28	20.58	20.61	20.65	20.50	20.68	21.00
		50	56	20.78	20.59	20.77	20.96	20.92	21.00
	DFT-s-OFDM BPSK	100	0	19.65	19.51	19.27	19.35	19.31	20.00
		1	1	20.55	20.10	20.83	20.08	20.56	21.00
		1	53	20.57	20.69	20.40	20.06	20.59	21.00
	DFT-s-OFDM QPSK	1	104	20.72	20.80	20.64	20.52	20.85	21.00
		50	0	20.34	20.44	20.29	20.48	20.88	21.00
		50	28	20.70	20.45	20.63	20.47	20.85	21.00
		50	56	20.96	20.66	20.61	20.55	20.74	21.00
	DFT-s-OFDM QPSK	100	0	19.58	20.43	19.60	19.30	19.12	21.00
	DFT-s-OFDM 16QAM	1	1	20.83	20.51	20.65	20.48	20.55	21.00
	DFT-s-OFDM 64QAM	1	1	20.17	20.21	19.87	19.68	19.83	20.50
	DFT-s-OFDM 256QAM	1	1	17.80	18.09	17.91	17.75	17.86	18.50
	CP-OFDM QPSK	1	1	20.60	20.73	20.51	20.52	20.31	21.00
	CP-OFDM 16QAM	1	1	20.82	20.75	20.86	20.87	20.67	21.00
	CP-OFDM 64QAM	1	1	18.54	18.40	18.64	18.76	18.81	19.50
	CP-OFDM 256QAM	1	1	15.85	15.49	15.98	16.14	16.13	16.50

8.2.8 NR Band71 Output Power

N71-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		133100	136100	139100	Tune-up power(dB)
		RB Size	RB offset	665.5	680.5	695.5	
5	DFT-s-OFDM QPSK	1	1	21.81	21.90	22.11	23.00
Bandwidth (MHz)	Modulation	Channel		133600	136100	138600	Tune-up power(dB)
		RB Size	RB offset	668	680.5	693	
10	DFT-s-OFDM QPSK	1	1	21.97	21.88	21.75	23.00
Bandwidth (MHz)	Modulation	Channel		134100	136100	138100	Tune-up power(dB)
		RB Size	RB offset	670.5	680.5	690.5	
15	DFT-s-OFDM QPSK	1	1	21.85	22.14	22.33	23.00
Bandwidth (MHz)	Modulation	Channel		134600	136100	137600	Tune-up power(dB)
		RB Size	RB offset	673	680.5	688	
20	DFT-s-OFDM BPSK	1	1	22.04	22.17	22.05	23.00
		1	53	22.08	22.07	22.14	23.00
		1	104	22.14	22.22	22.16	23.00
	DFT-s-OFDM BPSK	50	0	21.83	21.97	22.07	23.00
		50	28	22.32	22.42	22.40	23.00
		50	56	22.05	21.97	22.11	23.00
	DFT-s-OFDM BPSK	100	0	21.11	21.03	21.13	22.00
		1	1	21.91	22.02	21.86	23.00
		1	53	22.07	22.14	22.18	23.00
	DFT-s-OFDM QPSK	1	104	21.98	22.13	22.33	23.00
		50	0	21.81	21.97	22.26	23.00
		50	28	22.69	22.24	22.30	23.00
		50	56	21.86	22.07	22.14	23.00
	DFT-s-OFDM QPSK	100	0	21.11	21.00	21.18	22.00
	DFT-s-OFDM 16QAM	1	1	21.13	21.09	21.01	22.00
	DFT-s-OFDM 64QAM	1	1	19.41	19.41	19.22	20.50
	DFT-s-OFDM 256QAM	1	1	17.64	17.63	17.52	18.50
	CP-OFDM QPSK	1	1	20.60	20.69	20.55	21.50
	CP-OFDM 16QAM	1	1	20.00	20.11	20.10	21.00
	CP-OFDM 64QAM	1	1	18.80	18.72	18.70	19.50
	CP-OFDM 256QAM	1	1	15.79	15.75	15.65	16.50

N71-ANT0 state1&2

Bandwidth (MHz)	Modulation	Channel		133100	136100	139100	Tune-up power(dB)
		RB Size	RB offset	665.5	680.5	695.5	
5	DFT-s-OFDM QPSK	1	1	20.25	20.10	20.39	21.00
Bandwidth (MHz)	Modulation	Channel		133600	136100	138600	Tune-up power(dB)
		RB Size	RB offset	668	680.5	693	
10	DFT-s-OFDM QPSK	1	1	20.31	20.35	20.19	21.00
Bandwidth (MHz)	Modulation	Channel		134100	136100	138100	Tune-up power(dB)
		RB Size	RB offset	670.5	680.5	690.5	
15	DFT-s-OFDM QPSK	1	1	20.35	20.22	20.35	21.00
Bandwidth (MHz)	Modulation	Channel		134600	136100	137600	Tune-up power(dB)
		RB Size	RB offset	673	680.5	688	
20	DFT-s-OFDM BPSK	1	1	20.55	20.38	20.52	21.00
		1	53	20.42	20.76	20.75	21.00
		1	104	20.51	20.46	20.43	21.00
	DFT-s-OFDM BPSK	50	0	20.35	20.20	20.57	21.00
		50	28	20.62	20.64	20.44	21.00
		50	56	20.26	20.18	20.29	21.00
	DFT-s-OFDM BPSK	100	0	20.03	19.96	20.11	21.00
		1	1	20.46	20.25	20.28	21.00
		1	53	20.48	20.46	20.81	21.00
		1	104	20.39	20.69	20.47	21.00
	DFT-s-OFDM QPSK	50	0	20.36	20.17	20.40	21.00
		50	28	20.95	20.16	20.58	21.00
		50	56	20.24	20.22	20.47	21.00
	DFT-s-OFDM QPSK	100	0	20.22	20.10	19.75	21.00
	DFT-s-OFDM 16QAM	1	1	19.56	19.81	19.72	21.00
	DFT-s-OFDM 64QAM	1	1	20.01	20.00	20.09	20.50
	DFT-s-OFDM 256QAM	1	1	16.95	16.83	16.96	18.50
	CP-OFDM QPSK	1	1	19.67	19.57	19.41	21.00
	CP-OFDM 16QAM	1	1	19.32	19.33	19.17	21.00
	CP-OFDM 64QAM	1	1	17.79	17.77	17.66	19.50
	CP-OFDM 256QAM	1	1	15.77	15.44	15.79	16.50

8.2.9 NR Band77 Output Power

N77-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		620334	650000	679666	Tune-up power(dBm)
		RB Size	RB offset	3305.01	3750	4194.99	
10	DFT-s-OFDM QPSK	1	1	21.91	21.78	22.04	23.00
Bandwidth (MHz)	Modulation	Channel		620500	650000	679500	Tune-up power(dBm)
		RB Size	RB offset	3307.5	3750	4192.5	
15	DFT-s-OFDM QPSK	1	1	21.70	22.19	21.67	23.00
Bandwidth (MHz)	Modulation	Channel		620668	650000	679332	Tune-up power(dBm)
		RB Size	RB offset	3310.02	3750	4189.98	
20	DFT-s-OFDM BPSK	1	1	21.89	21.86	21.78	23.00
		1	53	21.81	22.14	22.05	23.00
		1	104	21.85	21.82	21.87	23.00
	DFT-s-OFDM BPSK	50	0	21.59	21.96	21.87	23.00
		50	28	22.15	22.22	22.18	23.00
		50	56	22.19	22.08	21.64	23.00
	DFT-s-OFDM BPSK	100	0	21.01	20.70	21.08	22.00
		1	1	21.82	21.81	22.02	23.00
		1	53	21.88	21.79	22.24	23.00
		1	104	22.00	22.10	22.18	23.00
	DFT-s-OFDM QPSK	50	0	21.53	22.01	21.74	23.00
		50	28	22.24	22.00	21.78	23.00
		50	56	22.08	21.85	21.81	23.00
	DFT-s-OFDM QPSK	100	0	21.13	20.97	21.00	22.00
		1	1	20.39	20.35	20.19	22.00
		1	1	19.84	19.96	20.04	20.50
	DFT-s-OFDM 256QAM	1	1	16.76	16.87	17.04	18.50
	CP-OFDM QPSK	1	1	19.62	20.07	19.74	21.50
	CP-OFDM 16QAM	1	1	19.31	19.26	19.21	21.00
	CP-OFDM 64QAM	1	1	17.68	17.81	17.94	19.50
	CP-OFDM 256QAM	1	1	15.61	15.68	15.89	16.50

N77-ANT3 state1&2

Bandwidth (MHz)	Modulation	Channel		620334	650000	679666	Tune-up power(dBm)
		RB Size	RB offset	3305.01	3750	4194.99	
10	DFT-s-OFDM QPSK	1	1	20.40	20.60	20.39	21.00
Bandwidth (MHz)	Modulation	Channel		620500	650000	679500	Tune-up power(dBm)
		RB Size	RB offset	3307.5	3750	4192.5	
15	DFT-s-OFDM QPSK	1	1	20.34	20.56	20.26	21.00
Bandwidth (MHz)	Modulation	Channel		620668	650000	679332	Tune-up power(dBm)
		RB Size	RB offset	3310.02	3750	4189.98	
20	DFT-s-OFDM BPSK	1	1	20.21	20.70	20.40	21.00
		1	53	20.71	20.81	20.74	21.00
		1	104	20.29	20.55	20.60	21.00
	DFT-s-OFDM BPSK	50	0	20.48	20.39	20.63	21.00
		50	28	20.61	20.45	20.55	21.00
		50	56	20.23	20.19	20.00	21.00
	DFT-s-OFDM BPSK	100	0	20.03	19.91	20.14	21.00
		1	1	20.49	20.25	20.69	21.00
		1	53	20.48	20.40	20.94	21.00
		1	104	20.44	20.56	20.55	21.00
	DFT-s-OFDM QPSK	50	0	20.34	20.10	20.60	21.00
		50	28	20.31	20.46	20.35	21.00
		50	56	20.16	20.10	20.30	21.00
	DFT-s-OFDM QPSK	100	0	19.92	20.45	19.98	21.00
		1	1	19.74	20.00	19.91	21.00
		1	1	19.60	20.12	19.99	20.50
	DFT-s-OFDM 256QAM	1	1	16.82	16.94	16.87	18.50
	CP-OFDM QPSK	1	1	19.22	19.55	19.64	21.00
	CP-OFDM 16QAM	1	1	19.47	19.42	19.26	21.00
	CP-OFDM 64QAM	1	1	17.72	17.72	17.71	19.50
	CP-OFDM 256QAM	1	1	15.60	15.80	15.72	16.50