
Appendix F – Conducted Power for LTE & NR Lower Bandwidth

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18700	18900	19100	Tune-up Limit (dBm)
					1860.0	1880.0	1900.0	
20	QPSK	1	0	0	17.45	17.41	17.35	17.5
		1	49	0	17.14	17.00	17.00	17.5
		1	99	0	17.27	17.00	16.99	17.5
		50	0	1	16.47	16.32	16.31	16.5
		50	25	1	16.23	16.13	16.01	16.5
		50	50	1	16.23	16.04	16.07	16.5
		100	0	1	16.41	16.28	16.25	16.5
	16QAM	1	0	1	16.20	15.95	16.01	16.5
		1	49	1	16.18	15.89	15.95	16.5
		1	99	1	16.19	16.02	16.06	16.5
		50	0	2	15.19	14.98	14.92	15.5
		50	25	2	15.13	14.89	14.89	15.5
		50	50	2	15.30	15.05	15.11	15.5
		100	0	2	15.19	14.99	14.91	15.5
	64QAM	1	0	2	15.26	15.08	15.15	15.5
		1	49	2	15.16	15.02	15.03	15.5
		1	99	2	15.11	14.89	14.82	15.5
		50	0	3	14.30	14.05	14.20	14.5
		50	25	3	14.28	14.16	13.98	14.5
		50	50	3	14.11	13.85	13.91	14.5
		100	0	3	14.20	13.93	13.93	14.5

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18675	18900	19125	Tune-up Limit (dBm)
					1857.5	1880.0	1902.5	
15	QPSK	1	0	0	17.14	16.97	16.99	17.5
		1	37	0	17.16	16.92	16.99	17.5
		1	74	0	17.14	16.91	16.86	17.5
		36	0	1	16.20	15.97	16.07	16.5
		36	19	1	16.25	16.00	16.04	16.5
		36	39	1	16.27	16.04	16.00	16.5
		75	0	1	16.25	16.10	16.06	16.5
	16QAM	1	0	1	16.15	16.00	15.93	16.5
		1	37	1	16.24	15.96	16.07	16.5
		1	74	1	16.21	16.01	16.00	16.5
		36	0	2	15.25	15.04	15.02	15.5
		36	19	2	15.22	15.04	15.01	15.5
		36	39	2	15.16	14.87	15.02	15.5
		75	0	2	15.30	15.07	15.13	15.5
	64QAM	1	0	2	15.28	15.04	15.12	15.5
		1	37	2	15.20	14.96	15.10	15.5
		1	74	2	15.14	15.01	15.04	15.5
		36	0	3	14.19	14.04	14.03	14.5
		36	19	3	14.15	13.98	13.86	14.5
		36	39	3	14.29	14.01	14.05	14.5
		75	0	3	14.30	14.00	14.00	14.5
	256QAM	1	0	5	12.20	12.09	12.05	12.5
		1	37	5	12.19	11.99	11.99	12.5
		1	74	5	12.19	12.05	11.91	12.5
		36	0	5	12.13	12.02	11.86	12.5
		36	19	5	12.20	11.94	11.96	12.5
		36	39	5	12.24	12.06	11.95	12.5
		75	0	5	12.12	11.94	11.89	12.5

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18650	18900	19150	Tune-up Limit (dBm)
					1855.0	1880.0	1905.0	
10	QPSK	1	0	0	17.13	16.91	16.95	17.5
		1	24	0	17.11	16.84	16.94	17.5
		1	49	0	17.13	17.01	16.89	17.5
		25	0	1	16.28	16.16	16.15	16.5
		25	12	1	16.22	15.97	15.97	16.5
		25	25	1	16.16	15.96	16.05	16.5
		50	0	1	16.22	16.02	16.02	16.5
	16QAM	1	0	1	16.15	16.00	15.95	16.5
		1	24	1	16.23	16.07	16.08	16.5
		1	49	1	16.12	16.00	16.00	16.5
		25	0	2	15.11	14.87	14.98	15.5
		25	12	2	15.15	14.91	15.00	15.5
		25	25	2	15.12	15.02	15.02	15.5
		50	0	2	15.14	14.89	15.03	15.5
	64QAM	1	0	2	15.12	14.95	15.00	15.5
		1	24	2	15.22	14.97	15.04	15.5
		1	49	2	15.25	14.97	14.97	15.5
		25	0	3	14.25	14.14	14.03	14.5
		25	12	3	14.12	13.96	14.01	14.5
		25	25	3	14.10	13.83	13.96	14.5
		50	0	3	14.29	14.08	14.08	14.5
	256QAM	1	0	5	12.19	12.08	12.00	12.5
		1	24	5	12.29	12.03	12.13	12.5
		1	49	5	12.27	12.00	12.04	12.5
		25	0	5	12.23	11.98	12.06	12.5
		25	12	5	12.27	12.11	12.02	12.5
		25	25	5	12.18	11.94	11.89	12.5
		50	0	5	12.22	11.95	11.94	12.5

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18625	18900	19175	Tune-up Limit (dBm)
					1852.5	1880.0	1907.5	
5	QPSK	1	0	0	17.12	16.83	16.85	17.5
		1	12	0	17.15	16.94	16.95	17.5
		1	24	0	17.30	17.00	17.14	17.5
		12	0	1	16.26	16.02	16.00	16.5
		12	6	1	16.12	15.83	16.02	16.5
		12	13	1	16.22	16.02	16.03	16.5
		25	0	1	16.11	15.99	15.93	16.5
	16QAM	1	0	1	16.29	16.18	16.12	16.5
		1	12	1	16.26	16.05	16.14	16.5
		1	24	1	16.11	15.82	15.92	16.5
		12	0	2	15.11	14.96	14.84	15.5
		12	6	2	15.15	15.00	15.02	15.5
		12	13	2	15.27	14.97	15.14	15.5
		25	0	2	15.22	15.00	15.05	15.5
	64QAM	1	0	2	15.12	14.83	14.83	15.5
		1	12	2	15.22	14.97	14.99	15.5
		1	24	2	15.30	15.16	15.18	15.5
		12	0	3	14.22	13.94	13.96	14.5
		12	6	3	14.23	14.03	13.95	14.5
		12	13	3	14.23	13.97	13.98	14.5
		25	0	3	14.15	13.88	13.85	14.5
	256QAM	1	0	5	12.14	11.85	11.88	12.5
		1	12	5	12.23	12.10	12.06	12.5
		1	24	5	12.21	12.10	12.11	12.5
		12	0	5	12.18	12.03	11.92	12.5
		12	6	5	12.21	12.07	11.93	12.5
		12	13	5	12.11	12.01	11.89	12.5
		25	0	5	12.23	11.98	12.11	12.5

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18615	18900	19185	Tune-up Limit (dBm)
					1851.5	1880.0	1908.5	
3	QPSK	1	0	0	17.17	17.05	17.03	17.5
		1	7	0	17.17	16.93	17.04	17.5
		1	14	0	17.14	16.86	16.94	17.5
		8	0	1	16.29	16.10	16.08	16.5
		8	3	1	16.29	16.16	16.09	16.5
		8	7	1	16.28	16.09	16.05	16.5
		15	0	1	16.27	15.98	16.04	16.5
	16QAM	1	0	1	16.12	15.96	15.87	16.5
		1	7	1	16.29	16.00	16.01	16.5
		1	14	1	16.28	16.14	16.13	16.5
		8	0	2	15.14	14.89	14.96	15.5
		8	3	2	15.19	15.04	14.89	15.5
		8	7	2	15.29	15.10	15.17	15.5
		15	0	2	15.16	15.04	14.90	15.5
	64QAM	1	0	2	15.30	15.12	15.09	15.5
		1	7	2	15.10	14.82	14.88	15.5
		1	14	2	15.17	15.05	14.99	15.5
		8	0	3	14.23	14.04	14.03	14.5
		8	3	3	14.19	14.04	14.03	14.5
		8	7	3	14.13	13.89	13.86	14.5
		15	0	3	14.15	13.88	14.00	14.5
	256QAM	1	0	5	12.25	12.09	12.10	12.5
		1	7	5	12.18	12.03	12.04	12.5
		1	14	5	12.29	11.99	12.01	12.5
		8	0	5	12.11	11.91	11.94	12.5
		8	3	5	12.29	12.08	12.19	12.5
		8	7	5	12.20	12.04	11.96	12.5
		15	0	5	12.16	11.87	11.90	12.5

Band					LTE Band 2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	18607	18900	19193	Tune-up Limit (dBm)
					1850.7	1880.0	1909.3	
1.4	QPSK	1	0	0	17.27	17.02	17.07	17.5
		1	2	0	17.27	17.06	17.01	17.5
		1	5	0	17.20	16.93	16.93	17.5
		3	0	0	17.15	16.87	17.00	17.5
		3	1	0	17.28	17.10	17.05	17.5
		3	3	0	17.24	17.06	17.01	17.5
		6	0	1	16.29	15.99	16.08	16.5
	16QAM	1	0	1	16.20	16.07	16.01	16.5
		1	2	1	16.21	16.01	15.98	16.5
		1	5	1	16.25	15.99	15.99	16.5
		3	0	1	16.17	15.91	15.94	16.5
		3	1	1	16.23	16.07	16.04	16.5
		3	3	1	16.28	16.17	16.12	16.5
		6	0	2	15.17	15.06	15.04	15.5
	64QAM	1	0	2	15.17	14.92	14.95	15.5
		1	2	2	15.24	15.02	15.04	15.5
		1	5	2	15.20	14.96	15.03	15.5
		3	0	2	15.11	14.99	14.84	15.5
		3	1	2	15.23	15.03	15.10	15.5
		3	3	2	15.12	14.87	14.93	15.5
		6	0	3	14.17	13.97	14.02	14.5
	256QAM	1	0	5	12.27	12.13	12.05	12.5
		1	2	5	12.11	11.91	11.92	12.5
		1	5	5	12.28	11.99	12.04	12.5
		3	0	5	12.12	11.95	11.95	12.5
		3	1	5	12.21	12.02	12.05	12.5
		3	3	5	12.10	11.95	11.95	12.5
		6	0	5	12.10	11.87	11.91	12.5

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20050	20175	20300	Tune-up Limit (dBm)
					1720.0	1732.5	1745.0	
20	QPSK	1	0	0	19.09	19.01	18.92	19.1
		1	49	0	18.82	18.65	18.72	19.1
		1	99	0	18.75	18.48	18.47	19.1
		50	0	1	18.05	18.04	17.99	18.1
		50	25	1	17.77	17.65	17.54	18.1
		50	50	1	17.87	17.72	17.58	18.1
		100	0	1	18.01	18.00	17.96	18.1
	16QAM	1	0	1	17.76	17.60	17.58	18.1
		1	49	1	17.78	17.68	17.65	18.1
		1	99	1	17.87	17.62	17.72	18.1
		50	0	2	16.76	16.61	16.50	17.1
		50	25	2	16.73	16.56	16.45	17.1
		50	50	2	16.90	16.63	16.63	17.1
		100	0	2	16.76	16.64	16.65	17.1
	64QAM	1	0	2	16.77	16.47	16.47	17.1
		1	49	2	16.87	16.75	16.61	17.1
		1	99	2	16.82	16.70	16.72	17.1
		50	0	3	15.81	15.71	15.57	16.1
		50	25	3	15.85	15.55	15.72	16.1
		50	50	3	15.77	15.53	15.55	16.1
		100	0	3	15.72	15.61	15.60	16.1

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20025	20175	20325	Tune-up Limit (dBm)
					1717.5	1732.5	1747.5	
15	QPSK	1	0	0	18.82	18.65	18.64	19.1
		1	37	0	18.74	18.53	18.53	19.1
		1	74	0	18.79	18.54	18.64	19.1
		36	0	1	17.74	17.56	17.57	18.1
		36	19	1	17.76	17.65	17.52	18.1
		36	39	1	17.76	17.50	17.54	18.1
		75	0	1	17.76	17.59	17.50	18.1
	16QAM	1	0	1	17.86	17.68	17.66	18.1
		1	37	1	17.72	17.49	17.44	18.1
		1	74	1	17.89	17.64	17.61	18.1
		36	0	2	16.71	16.49	16.60	17.1
		36	19	2	16.89	16.72	16.67	17.1
		36	39	2	16.86	16.75	16.75	17.1
		75	0	2	16.72	16.47	16.59	17.1
	64QAM	1	0	2	16.83	16.71	16.68	17.1
		1	37	2	16.82	16.72	16.69	17.1
		1	74	2	16.83	16.53	16.61	17.1
		36	0	3	15.74	15.44	15.52	16.1
		36	19	3	15.70	15.41	15.45	16.1
		36	39	3	15.80	15.61	15.64	16.1
		75	0	3	15.74	15.64	15.60	16.1
	256QAM	1	0	5	13.90	13.60	13.66	14.1
		1	37	5	13.78	13.58	13.58	14.1
		1	74	5	13.83	13.57	13.69	14.1
		36	0	5	13.84	13.66	13.61	14.1
		36	19	5	13.72	13.54	13.48	14.1
		36	39	5	13.70	13.51	13.57	14.1
		75	0	5	13.88	13.68	13.69	14.1

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20000	20175	20350	Tune-up Limit (dBm)
					1715.0	1732.5	1750.0	
10	QPSK	1	0	0	18.84	18.54	18.71	19.1
		1	24	0	18.87	18.72	18.63	19.1
		1	49	0	18.75	18.52	18.59	19.1
		25	0	1	17.75	17.57	17.58	18.1
		25	12	1	17.87	17.61	17.72	18.1
		25	25	1	17.74	17.57	17.44	18.1
		50	0	1	17.89	17.69	17.67	18.1
	16QAM	1	0	1	17.82	17.58	17.58	18.1
		1	24	1	17.81	17.57	17.67	18.1
		1	49	1	17.84	17.70	17.58	18.1
		25	0	2	16.86	16.68	16.74	17.1
		25	12	2	16.84	16.56	16.63	17.1
		25	25	2	16.78	16.58	16.57	17.1
		50	0	2	16.83	16.63	16.58	17.1
	64QAM	1	0	2	16.71	16.52	16.48	17.1
		1	24	2	16.82	16.67	16.60	17.1
		1	49	2	16.89	16.77	16.72	17.1
		25	0	3	15.82	15.62	15.67	16.1
		25	12	3	15.90	15.79	15.73	16.1
		25	25	3	15.72	15.45	15.49	16.1
		50	0	3	15.79	15.58	15.65	16.1
	256QAM	1	0	5	13.89	13.62	13.74	14.1
		1	24	5	13.81	13.62	13.71	14.1
		1	49	5	13.81	13.62	13.65	14.1
		25	0	5	13.82	13.71	13.59	14.1
		25	12	5	13.84	13.70	13.60	14.1
		25	25	5	13.78	13.63	13.64	14.1
		50	0	5	13.72	13.43	13.56	14.1

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	19975	20175	20375	Tune-up Limit (dBm)
					1712.5	1732.5	1752.5	
5	QPSK	1	0	0	18.79	18.54	18.57	19.1
		1	12	0	18.87	18.64	18.65	19.1
		1	24	0	18.73	18.58	18.48	19.1
		12	0	1	17.89	17.76	17.60	18.1
		12	6	1	17.79	17.58	17.68	18.1
		12	13	1	17.74	17.49	17.62	18.1
		25	0	1	17.79	17.65	17.52	18.1
	16QAM	1	0	1	17.89	17.65	17.73	18.1
		1	12	1	17.80	17.52	17.70	18.1
		1	24	1	17.78	17.54	17.52	18.1
		12	0	2	16.89	16.75	16.77	17.1
		12	6	2	16.86	16.58	16.64	17.1
		12	13	2	16.80	16.58	16.56	17.1
		25	0	2	16.72	16.57	16.60	17.1
	64QAM	1	0	2	16.79	16.56	16.53	17.1
		1	12	2	16.90	16.77	16.79	17.1
		1	24	2	16.75	16.47	16.54	17.1
		12	0	3	15.75	15.60	15.51	16.1
		12	6	3	15.75	15.51	15.54	16.1
		12	13	3	15.80	15.54	15.52	16.1
		25	0	3	15.78	15.54	15.67	16.1
	256QAM	1	0	5	13.75	13.61	13.65	14.1
		1	12	5	13.74	13.58	13.58	14.1
		1	24	5	13.81	13.67	13.58	14.1
		12	0	5	13.79	13.58	13.65	14.1
		12	6	5	13.77	13.50	13.62	14.1
		12	13	5	13.80	13.69	13.58	14.1
		25	0	5	13.71	13.59	13.41	14.1

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	19965	20175	20385	Tune-up Limit (dBm)
					1711.5	1732.5	1753.5	
3	QPSK	1	0	0	18.72	18.43	18.43	19.1
		1	7	0	18.85	18.62	18.68	19.1
		1	14	0	18.88	18.71	18.71	19.1
		8	0	1	17.85	17.55	17.59	18.1
		8	3	1	17.89	17.60	17.59	18.1
		8	7	1	17.77	17.52	17.59	18.1
		15	0	1	17.73	17.43	17.53	18.1
	16QAM	1	0	1	17.77	17.54	17.51	18.1
		1	7	1	17.87	17.66	17.67	18.1
		1	14	1	17.81	17.64	17.57	18.1
		8	0	2	16.76	16.61	16.50	17.1
		8	3	2	16.78	16.57	16.57	17.1
		8	7	2	16.76	16.58	16.58	17.1
		15	0	2	16.77	16.48	16.58	17.1
	64QAM	1	0	2	16.83	16.69	16.62	17.1
		1	7	2	16.85	16.62	16.56	17.1
		1	14	2	16.85	16.60	16.60	17.1
		8	0	3	15.87	15.57	15.57	16.1
		8	3	3	15.85	15.65	15.75	16.1
		8	7	3	15.74	15.48	15.62	16.1
		15	0	3	15.74	15.59	15.51	16.1
	256QAM	1	0	5	13.81	13.57	13.60	14.1
		1	7	5	13.84	13.58	13.65	14.1
		1	14	5	13.73	13.57	13.46	14.1
		8	0	5	13.75	13.49	13.47	14.1
		8	3	5	13.71	13.56	13.61	14.1
		8	7	5	13.84	13.54	13.56	14.1
		15	0	5	13.72	13.43	13.43	14.1

Band					LTE Band 4			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	19957	20175	20393	Tune-up Limit (dBm)
					1710.7	1732.5	1754.3	
1.4	QPSK	1	0	0	18.72	18.61	18.42	19.1
		1	2	0	18.75	18.47	18.47	19.1
		1	5	0	18.79	18.66	18.62	19.1
		3	0	0	18.85	18.71	18.60	19.1
		3	1	0	18.75	18.58	18.57	19.1
		3	3	0	18.79	18.58	18.66	19.1
		6	0	1	17.72	17.47	17.42	18.1
	16QAM	1	0	1	17.89	17.77	17.65	18.1
		1	2	1	17.76	17.48	17.53	18.1
		1	5	1	17.78	17.49	17.58	18.1
		3	0	1	17.85	17.71	17.57	18.1
		3	1	1	17.74	17.54	17.63	18.1
		3	3	1	17.83	17.62	17.59	18.1
		6	0	2	16.80	16.69	16.51	17.1
	64QAM	1	0	2	16.77	16.52	16.54	17.1
		1	2	2	16.90	16.78	16.74	17.1
		1	5	2	16.86	16.59	16.74	17.1
		3	0	2	16.80	16.67	16.58	17.1
		3	1	2	16.90	16.79	16.60	17.1
		3	3	2	16.82	16.62	16.66	17.1
		6	0	3	15.72	15.48	15.45	16.1
	256QAM	1	0	5	13.79	13.57	13.54	14.1
		1	2	5	13.74	13.52	13.59	14.1
		1	5	5	13.76	13.51	13.46	14.1
		3	0	5	13.71	13.46	13.53	14.1
		3	1	5	13.88	13.60	13.75	14.1
		3	3	5	13.85	13.64	13.60	14.1
		6	0	5	13.72	13.55	13.44	14.1

Band					LTE Band 5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20450	20525	20600	Tune-up Limit (dBm)
					829.0	836.5	844.0	
10	QPSK	1	0	0	21.29	21.26	21.20	21.3
		1	24	0	20.94	20.65	20.82	21.3
		1	49	0	21.03	20.89	20.83	21.3
		25	0	1	20.28	20.23	20.21	20.3
		25	12	1	19.97	19.74	19.69	20.3
		25	25	1	19.92	19.70	19.78	20.3
		50	0	1	20.21	20.18	20.11	20.3
	16QAM	1	0	1	19.91	19.63	19.69	20.3
		1	24	1	20.09	19.96	19.93	20.3
		1	49	1	20.07	19.87	19.89	20.3
		25	0	2	19.00	18.89	18.70	19.3
		25	12	2	18.98	18.69	18.78	19.3
		25	25	2	18.92	18.76	18.78	19.3
		50	0	2	19.00	18.84	18.86	19.3
	64QAM	1	0	2	19.04	18.90	18.89	19.3
		1	24	2	19.03	18.81	18.86	19.3
		1	49	2	19.08	18.96	18.84	19.3
		25	0	3	17.99	17.72	17.85	18.3
		25	12	3	17.97	17.81	17.86	18.3
		25	25	3	18.04	17.89	17.85	18.3
		50	0	3	17.97	17.74	17.69	18.3

Band					LTE Band 5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20425	20525	20625	Tune-up Limit (dBm)
					826.5	836.5	846.5	
5	QPSK	1	0	0	21.08	20.91	20.95	21.3
		1	12	0	20.94	20.74	20.67	21.3
		1	24	0	20.97	20.76	20.82	21.3
		12	0	1	20.03	19.76	19.88	20.3
		12	6	1	20.09	19.87	19.90	20.3
		12	13	1	20.03	19.78	19.73	20.3
		25	0	1	20.02	19.78	19.86	20.3
	16QAM	1	0	1	20.04	19.74	19.86	20.3
		1	12	1	20.05	19.94	19.83	20.3
		1	24	1	20.03	19.93	19.86	20.3
		12	0	2	19.05	18.89	18.80	19.3
		12	6	2	19.09	18.96	18.80	19.3
		12	13	2	18.93	18.73	18.76	19.3
		25	0	2	18.93	18.67	18.69	19.3
	64QAM	1	0	2	19.05	18.78	18.85	19.3
		1	12	2	19.07	18.80	18.89	19.3
		1	24	2	19.05	18.78	18.77	19.3
		12	0	3	18.07	17.93	17.80	18.3
		12	6	3	18.01	17.75	17.88	18.3
		12	13	3	17.94	17.82	17.67	18.3
		25	0	3	17.97	17.81	17.73	18.3
	256QAM	1	0	5	16.03	15.79	15.81	16.3
		1	12	5	16.02	15.84	15.80	16.3
		1	24	5	15.91	15.75	15.64	16.3
		12	0	5	15.96	15.80	15.78	16.3
		12	6	5	15.94	15.71	15.76	16.3
		12	13	5	15.95	15.78	15.72	16.3
		25	0	5	15.98	15.83	15.86	16.3

Band					LTE Band 5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20415	20525	20635	Tune-up Limit (dBm)
					825.5	836.5	847.5	
3	QPSK	1	0	0	20.91	20.74	20.70	21.3
		1	7	0	21.00	20.70	20.84	21.3
		1	14	0	21.06	20.89	20.85	21.3
		8	0	1	20.05	19.87	19.90	20.3
		8	3	1	20.02	19.77	19.88	20.3
		8	7	1	19.93	19.68	19.78	20.3
		15	0	1	20.09	19.90	19.93	20.3
	16QAM	1	0	1	20.10	19.87	19.82	20.3
		1	7	1	19.97	19.73	19.69	20.3
		1	14	1	19.99	19.69	19.85	20.3
		8	0	2	18.91	18.67	18.70	19.3
		8	3	2	19.07	18.90	18.86	19.3
		8	7	2	19.08	18.86	18.96	19.3
		15	0	2	19.06	18.82	18.92	19.3
	64QAM	1	0	2	19.00	18.89	18.84	19.3
		1	7	2	18.98	18.69	18.86	19.3
		1	14	2	19.03	18.90	18.83	19.3
		8	0	3	17.92	17.72	17.82	18.3
		8	3	3	18.06	17.79	17.88	18.3
		8	7	3	17.91	17.72	17.77	18.3
		15	0	3	18.01	17.81	17.80	18.3
	256QAM	1	0	5	16.09	15.84	15.90	16.3
		1	7	5	16.02	15.74	15.77	16.3
		1	14	5	16.00	15.90	15.78	16.3
		8	0	5	15.91	15.65	15.70	16.3
		8	3	5	15.90	15.73	15.66	16.3
		8	7	5	16.08	15.84	15.92	16.3
		15	0	5	16.02	15.77	15.74	16.3

Band					LTE Band 5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20407	20525	20643	Tune-up Limit (dBm)
					824.7	836.5	848.3	
1.4	QPSK	1	0	0	21.03	20.93	20.87	21.3
		1	2	0	20.93	20.77	20.69	21.3
		1	5	0	21.06	20.89	20.77	21.3
		3	0	0	21.06	20.91	20.84	21.3
		3	1	0	20.95	20.69	20.69	21.3
		3	3	0	21.07	20.90	20.88	21.3
		6	0	1	20.09	19.88	19.96	20.3
	16QAM	1	0	1	20.05	19.93	19.94	20.3
		1	2	1	19.96	19.78	19.83	20.3
		1	5	1	19.91	19.80	19.66	20.3
		3	0	1	20.00	19.81	19.75	20.3
		3	1	1	19.98	19.81	19.76	20.3
		3	3	1	19.96	19.73	19.76	20.3
		6	0	2	19.09	18.95	18.98	19.3
	64QAM	1	0	2	19.10	18.84	18.95	19.3
		1	2	2	18.93	18.66	18.69	19.3
		1	5	2	18.98	18.82	18.86	19.3
		3	0	2	18.98	18.83	18.86	19.3
		3	1	2	19.04	18.80	18.81	19.3
		3	3	2	18.99	18.76	18.73	19.3
		6	0	3	17.91	17.74	17.71	18.3
	256QAM	1	0	5	16.08	15.86	15.83	16.3
		1	2	5	16.01	15.79	15.87	16.3
		1	5	5	15.90	15.61	15.68	16.3
		3	0	5	16.02	15.83	15.78	16.3
		3	1	5	15.98	15.70	15.71	16.3
		3	3	5	16.09	15.99	15.79	16.3
		6	0	5	15.96	15.86	15.73	16.3

Band					LTE Band 7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20850	21100	21350	Tune-up Limit (dBm)
					2510.0	2535.0	2560.0	
20	QPSK	1	0	0	16.37	16.35	16.36	16.4
		1	49	0	16.08	15.89	15.93	16.4
		1	99	0	16.11	15.87	15.94	16.4
		50	0	1	15.32	15.31	15.29	15.4
		50	25	1	15.15	14.93	14.92	15.4
		50	50	1	15.14	14.96	14.99	15.4
		100	0	1	15.27	15.23	15.21	15.4
	16QAM	1	0	1	15.13	14.97	14.94	15.4
		1	49	1	15.17	14.89	14.99	15.4
		1	99	1	15.16	15.06	15.04	15.4
		50	0	2	14.19	14.09	13.94	14.4
		50	25	2	14.16	13.97	14.03	14.4
		50	50	2	14.01	13.77	13.86	14.4
		100	0	2	14.08	13.88	13.80	14.4
	64QAM	1	0	2	14.13	13.84	13.88	14.4
		1	49	2	14.10	13.97	13.89	14.4
		1	99	2	14.15	14.04	13.88	14.4
		50	0	3	13.06	12.78	12.94	13.4
		50	25	3	13.19	13.01	13.02	13.4
		50	50	3	13.12	12.82	12.83	13.4
		100	0	3	13.15	12.98	12.88	13.4

Band					LTE Band 7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20825	21100	21375	Tune-up Limit (dBm)
					2507.5	2535.0	2562.5	
15	QPSK	1	0	0	16.12	15.94	15.87	16.4
		1	37	0	16.15	15.99	15.93	16.4
		1	74	0	16.02	15.76	15.89	16.4
		36	0	1	15.06	14.84	14.77	15.4
		36	19	1	15.08	14.78	14.96	15.4
		36	39	1	15.16	15.00	14.98	15.4
		75	0	1	15.01	14.72	14.75	15.4
	16QAM	1	0	1	15.13	14.91	14.89	15.4
		1	37	1	15.04	14.76	14.92	15.4
		1	74	1	15.09	14.88	14.88	15.4
		36	0	2	14.10	13.81	13.94	14.4
		36	19	2	14.00	13.83	13.86	14.4
		36	39	2	14.06	13.79	13.88	14.4
		75	0	2	14.12	13.97	13.90	14.4
	64QAM	1	0	2	14.18	14.04	13.98	14.4
		1	37	2	14.17	14.06	13.95	14.4
		1	74	2	14.10	13.96	13.89	14.4
		36	0	3	13.18	13.08	12.99	13.4
		36	19	3	13.07	12.78	12.86	13.4
		36	39	3	13.03	12.80	12.74	13.4
		75	0	3	13.02	12.76	12.91	13.4
	256QAM	1	0	5	11.10	10.90	10.88	11.4
		1	37	5	11.20	11.10	10.94	11.4
		1	74	5	11.15	10.88	10.90	11.4
		36	0	5	11.02	10.82	10.76	11.4
		36	19	5	11.12	10.82	10.84	11.4
		36	39	5	11.02	10.79	10.80	11.4
		75	0	5	11.05	10.85	10.91	11.4

Band					LTE Band 7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20800	21100	21400	Tune-up Limit (dBm)
					2505.0	2535.0	2565.0	
10	QPSK	1	0	0	16.05	15.93	15.88	16.4
		1	24	0	16.08	15.91	15.91	16.4
		1	49	0	16.00	15.84	15.72	16.4
		25	0	1	15.09	14.92	14.91	15.4
		25	12	1	15.17	14.92	15.05	15.4
		25	25	1	15.13	14.96	14.92	15.4
		50	0	1	15.15	14.98	15.03	15.4
	16QAM	1	0	1	15.20	15.08	14.96	15.4
		1	24	1	15.03	14.82	14.89	15.4
		1	49	1	15.04	14.82	14.75	15.4
		25	0	2	14.01	13.74	13.88	14.4
		25	12	2	14.15	13.86	13.93	14.4
		25	25	2	14.04	13.75	13.80	14.4
		50	0	2	14.02	13.92	13.82	14.4
	64QAM	1	0	2	14.20	14.04	13.91	14.4
		1	24	2	14.01	13.81	13.81	14.4
		1	49	2	14.05	13.88	13.91	14.4
		25	0	3	13.20	13.01	12.91	13.4
		25	12	3	13.19	12.92	13.01	13.4
		25	25	3	13.18	13.00	12.93	13.4
		50	0	3	13.06	12.82	12.92	13.4
	256QAM	1	0	5	11.17	11.03	11.02	11.4
		1	24	5	11.17	10.94	10.89	11.4
		1	49	5	11.03	10.81	10.79	11.4
		25	0	5	11.14	10.90	11.02	11.4
		25	12	5	11.10	10.97	11.00	11.4
		25	25	5	11.17	10.88	10.96	11.4
		50	0	5	11.14	11.02	10.96	11.4

Band					LTE Band 7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	20775	21100	21425	Tune-up Limit (dBm)
					2502.5	2535.0	2567.5	
5	QPSK	1	0	0	16.12	15.91	15.99	16.4
		1	12	0	16.10	15.96	15.83	16.4
		1	24	0	16.06	15.76	15.77	16.4
		12	0	1	15.18	15.06	15.04	15.4
		12	6	1	15.15	15.00	14.94	15.4
		12	13	1	15.17	14.96	15.02	15.4
		25	0	1	15.00	14.78	14.89	15.4
	16QAM	1	0	1	15.14	15.02	14.88	15.4
		1	12	1	15.03	14.73	14.86	15.4
		1	24	1	15.03	14.90	14.73	15.4
		12	0	2	14.06	13.89	13.92	14.4
		12	6	2	14.08	13.92	13.95	14.4
		12	13	2	14.17	14.03	13.94	14.4
		25	0	2	14.14	14.02	13.84	14.4
	64QAM	1	0	2	14.14	14.02	13.90	14.4
		1	12	2	14.18	13.90	13.92	14.4
		1	24	2	14.12	14.00	13.91	14.4
		12	0	3	13.16	13.02	12.98	13.4
		12	6	3	13.20	12.92	13.07	13.4
		12	13	3	13.00	12.79	12.87	13.4
		25	0	3	13.03	12.86	12.76	13.4
	256QAM	1	0	5	11.16	10.96	11.00	11.4
		1	12	5	11.06	10.95	10.76	11.4
		1	24	5	11.03	10.88	10.76	11.4
		12	0	5	11.08	10.96	10.87	11.4
		12	6	5	11.11	10.98	10.87	11.4
		12	13	5	11.12	10.84	10.92	11.4
		25	0	5	11.17	10.94	11.03	11.4

Band					LTE Band 12			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23060	23095	23130	Tune-up Limit (dBm)
					704.0	707.5	711.0	
10	QPSK	1	0	0	22.84	22.74	22.69	22.9
		1	24	0	22.57	22.45	22.35	22.9
		1	49	0	22.50	22.36	22.32	22.9
		25	0	1	21.85	21.68	21.64	21.9
		25	12	1	21.53	21.23	21.36	21.9
		25	25	1	21.65	21.48	21.40	21.9
		50	0	1	21.82	21.57	21.56	21.9
	16QAM	1	0	1	21.57	21.33	21.43	21.9
		1	24	1	21.57	21.30	21.45	21.9
		1	49	1	21.50	21.31	21.34	21.9
		25	0	2	20.58	20.32	20.38	20.9
		25	12	2	20.66	20.46	20.37	20.9
		25	25	2	20.58	20.30	20.30	20.9
		50	0	2	20.55	20.27	20.33	20.9
	64QAM	1	0	2	20.59	20.39	20.30	20.9
		1	24	2	20.70	20.40	20.47	20.9
		1	49	2	20.66	20.55	20.48	20.9
		25	0	3	19.55	19.32	19.41	19.9
		25	12	3	19.60	19.31	19.30	19.9
		25	25	3	19.62	19.35	19.51	19.9
		50	0	3	19.69	19.42	19.39	19.9

Band					LTE Band 12			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23035	23095	23155	Tune-up Limit (dBm)
					701.5	707.5	713.5	
5	QPSK	1	0	0	22.59	22.49	22.30	22.9
		1	12	0	22.62	22.49	22.52	22.9
		1	24	0	22.69	22.57	22.55	22.9
		12	0	1	21.53	21.40	21.35	21.9
		12	6	1	21.64	21.39	21.52	21.9
		12	13	1	21.52	21.38	21.28	21.9
		25	0	1	21.56	21.44	21.45	21.9
	16QAM	1	0	1	21.61	21.43	21.40	21.9
		1	12	1	21.69	21.45	21.42	21.9
		1	24	1	21.52	21.33	21.26	21.9
		12	0	2	20.60	20.36	20.48	20.9
		12	6	2	20.70	20.49	20.51	20.9
		12	13	2	20.68	20.43	20.58	20.9
		25	0	2	20.66	20.53	20.43	20.9
	64QAM	1	0	2	20.56	20.41	20.42	20.9
		1	12	2	20.70	20.50	20.52	20.9
		1	24	2	20.66	20.43	20.56	20.9
		12	0	3	19.68	19.46	19.38	19.9
		12	6	3	19.58	19.38	19.35	19.9
		12	13	3	19.60	19.39	19.42	19.9
		25	0	3	19.65	19.52	19.42	19.9
	256QAM	1	0	5	17.53	17.43	17.25	17.9
		1	12	5	17.67	17.43	17.43	17.9
		1	24	5	17.66	17.48	17.45	17.9
		12	0	5	17.53	17.30	17.36	17.9
		12	6	5	17.69	17.39	17.57	17.9
		12	13	5	17.55	17.25	17.35	17.9
		25	0	5	17.54	17.35	17.24	17.9

Band					LTE Band 12			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23025	23095	23165	Tune-up Limit (dBm)
					700.5	707.5	714.5	
3	QPSK	1	0	0	22.62	22.49	22.37	22.9
		1	7	0	22.67	22.51	22.38	22.9
		1	14	0	22.54	22.40	22.26	22.9
		8	0	1	21.69	21.40	21.51	21.9
		8	3	1	21.51	21.33	21.32	21.9
		8	7	1	21.59	21.40	21.43	21.9
		15	0	1	21.58	21.33	21.32	21.9
	16QAM	1	0	1	21.55	21.27	21.42	21.9
		1	7	1	21.58	21.42	21.43	21.9
		1	14	1	21.69	21.40	21.40	21.9
		8	0	2	20.52	20.35	20.34	20.9
		8	3	2	20.54	20.25	20.31	20.9
		8	7	2	20.55	20.41	20.39	20.9
		15	0	2	20.69	20.53	20.58	20.9
	64QAM	1	0	2	20.60	20.46	20.47	20.9
		1	7	2	20.54	20.36	20.40	20.9
		1	14	2	20.62	20.41	20.34	20.9
		8	0	3	19.56	19.41	19.32	19.9
		8	3	3	19.62	19.40	19.47	19.9
		8	7	3	19.63	19.38	19.52	19.9
		15	0	3	19.60	19.46	19.45	19.9
	256QAM	1	0	5	17.50	17.28	17.27	17.9
		1	7	5	17.64	17.41	17.47	17.9
		1	14	5	17.59	17.29	17.42	17.9
		8	0	5	17.64	17.41	17.43	17.9
		8	3	5	17.63	17.40	17.51	17.9
		8	7	5	17.70	17.54	17.47	17.9
		15	0	5	17.67	17.53	17.41	17.9

Band					LTE Band 12			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23017	23095	23173	Tune-up Limit (dBm)
					699.7	707.5	715.3	
1.4	QPSK	1	0	0	22.69	22.53	22.58	22.9
		1	2	0	22.64	22.50	22.46	22.9
		1	5	0	22.64	22.45	22.49	22.9
		3	0	0	22.63	22.40	22.50	22.9
		3	1	0	22.67	22.51	22.44	22.9
		3	3	0	22.61	22.51	22.43	22.9
		6	0	1	21.56	21.28	21.33	21.9
	16QAM	1	0	1	21.62	21.44	21.41	21.9
		1	2	1	21.68	21.50	21.48	21.9
		1	5	1	21.60	21.39	21.46	21.9
		3	0	1	21.58	21.32	21.39	21.9
		3	1	1	21.58	21.42	21.28	21.9
		3	3	1	21.64	21.42	21.38	21.9
		6	0	2	20.60	20.38	20.34	20.9
	64QAM	1	0	2	20.62	20.44	20.40	20.9
		1	2	2	20.52	20.30	20.28	20.9
		1	5	2	20.59	20.32	20.42	20.9
		3	0	2	20.67	20.51	20.53	20.9
		3	1	2	20.50	20.32	20.35	20.9
		3	3	2	20.63	20.46	20.52	20.9
		6	0	3	19.51	19.26	19.38	19.9
	256QAM	1	0	5	17.59	17.47	17.34	17.9
		1	2	5	17.63	17.39	17.41	17.9
		1	5	5	17.62	17.49	17.34	17.9
		3	0	5	17.65	17.52	17.35	17.9
		3	1	5	17.51	17.41	17.33	17.9
		3	3	5	17.67	17.56	17.43	17.9
		6	0	5	17.60	17.31	17.47	17.9

Band					LTE Band 13	
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23230	Tune-up Limit (dBm)
					782.0	
10	QPSK	1	0	0	21.82	21.9
		1	24	0	21.63	21.9
		1	49	0	21.67	21.9
		25	0	1	20.77	20.9
		25	12	1	20.75	20.9
		25	25	1	20.64	20.9
		50	0	1	20.66	20.9
	16QAM	1	0	1	20.75	20.9
		1	24	1	20.65	20.9
		1	49	1	20.71	20.9
		25	0	2	19.70	19.9
		25	12	2	19.71	19.9
		25	25	2	19.64	19.9
		50	0	2	19.77	19.9
	64QAM	1	0	2	19.62	19.9
		1	24	2	19.63	19.9
		1	49	2	19.61	19.9
		25	0	3	18.77	18.9
		25	12	3	18.66	18.9
		25	25	3	18.74	18.9
		50	0	3	18.74	18.9

Band					LTE Band 13			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23205	23230	23255	Tune-up Limit (dBm)
					779.5	782.0	784.5	
5	QPSK	1	0	0	21.58	21.68	21.39	21.9
		1	12	0	21.46	21.67	21.57	21.9
		1	24	0	21.39	21.60	21.47	21.9
		12	0	1	20.43	20.73	20.58	20.9
		12	6	1	20.38	20.66	20.54	20.9
		12	13	1	20.61	20.78	20.54	20.9
		25	0	1	20.50	20.72	20.42	20.9
	16QAM	1	0	1	20.54	20.71	20.60	20.9
		1	12	1	20.48	20.73	20.54	20.9
		1	24	1	20.56	20.66	20.39	20.9
		12	0	2	19.42	19.72	19.57	19.9
		12	6	2	19.64	19.76	19.61	19.9
		12	13	2	19.62	19.75	19.50	19.9
		25	0	2	19.35	19.60	19.45	19.9
	64QAM	1	0	2	19.51	19.70	19.48	19.9
		1	12	2	19.46	19.73	19.50	19.9
		1	24	2	19.48	19.76	19.54	19.9
		12	0	3	18.42	18.68	18.48	18.9
		12	6	3	18.40	18.66	18.44	18.9
		12	13	3	18.59	18.72	18.50	18.9
		25	0	3	18.55	18.76	18.57	18.9
	256QAM	1	0	5	16.54	16.66	16.45	16.9
		1	12	5	16.45	16.70	16.55	16.9
		1	24	5	16.49	16.64	16.38	16.9
		12	0	5	16.44	16.62	16.43	16.9
		12	6	5	16.54	16.76	16.62	16.9
		12	13	5	16.44	16.62	16.49	16.9
		25	0	5	16.44	16.60	16.44	16.9

Band					LTE Band 14	
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23330	Tune-up Limit (dBm)
					793.0	
10	QPSK	1	0	0	21.93	22
		1	24	0	21.76	22
		1	49	0	21.85	22
		25	0	1	20.88	21
		25	12	1	20.75	21
		25	25	1	20.90	21
		50	0	1	20.81	21
	16QAM	1	0	1	20.88	21
		1	24	1	20.76	21
		1	49	1	20.77	21
		25	0	2	19.83	20
		25	12	2	19.84	20
		25	25	2	19.72	20
		50	0	2	19.78	20
	64QAM	1	0	2	19.89	20
		1	24	2	19.78	20
		1	49	2	19.71	20
		25	0	3	18.77	19
		25	12	3	18.75	19
		25	25	3	18.80	19
		50	0	3	18.78	19

Band					LTE Band 14			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23305	23330	23355	Tune-up Limit (dBm)
					790.5	793.0	795.5	
5	QPSK	1	0	0	21.66	21.86	21.76	22
		1	12	0	21.49	21.76	21.60	22
		1	24	0	21.61	21.76	21.53	22
		12	0	1	20.54	20.73	20.51	21
		12	6	1	20.68	20.78	20.51	21
		12	13	1	20.67	20.80	20.70	21
		25	0	1	20.49	20.78	20.68	21
	16QAM	1	0	1	20.45	20.70	20.43	21
		1	12	1	20.52	20.72	20.44	21
		1	24	1	20.45	20.71	20.50	21
		12	0	2	19.70	19.84	19.55	20
		12	6	2	19.56	19.76	19.55	20
		12	13	2	19.51	19.70	19.42	20
		25	0	2	19.68	19.84	19.54	20
	64QAM	1	0	2	19.53	19.81	19.51	20
		1	12	2	19.77	19.89	19.62	20
		1	24	2	19.63	19.81	19.51	20
		12	0	3	18.60	18.72	18.42	19
		12	6	3	18.48	18.75	18.53	19
		12	13	3	18.59	18.87	18.75	19
		25	0	3	18.57	18.85	18.68	19
	256QAM	1	0	5	16.50	16.78	16.58	17
		1	12	5	16.57	16.74	16.51	17
		1	24	5	16.58	16.86	16.67	17
		12	0	5	16.68	16.87	16.72	17
		12	6	5	16.69	16.81	16.52	17
		12	13	5	16.54	16.83	16.72	17
		25	0	5	16.51	16.73	16.43	17

Band					LTE Band 17			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23780	23790	23800	Tune-up Limit (dBm)
					709.0	710.0	711.0	
10	QPSK	1	0	0	18.39	18.35	18.31	18.4
		1	24	0	18.15	17.92	17.96	18.4
		1	49	0	18.16	17.95	17.86	18.4
		25	0	1	17.37	17.19	17.13	17.4
		25	12	1	17.23	16.98	16.95	17.4
		25	25	1	17.14	16.85	16.96	17.4
		50	0	1	17.36	17.18	17.08	17.4
	16QAM	1	0	1	17.11	16.83	16.98	17.4
		1	24	1	17.28	17.05	17.05	17.4
		1	49	1	17.19	17.05	16.90	17.4
		25	0	2	16.12	15.90	15.97	16.4
		25	12	2	16.15	15.93	15.95	16.4
		25	25	2	16.21	15.97	15.93	16.4
		50	0	2	16.16	15.99	15.89	16.4
	64QAM	1	0	2	16.18	15.88	15.88	16.4
		1	24	2	16.13	15.97	15.83	16.4
		1	49	2	16.15	15.88	15.99	16.4
		25	0	3	15.10	14.88	14.81	15.4
		25	12	3	15.21	15.08	14.96	15.4
		25	25	3	15.19	15.02	15.06	15.4
		50	0	3	15.16	14.86	14.91	15.4

Band					LTE Band 17			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	23755	23790	23825	Tune-up Limit (dBm)
					706.5	710.0	713.5	
5	QPSK	1	0	0	18.27	18.09	18.00	18.4
		1	12	0	18.11	17.90	17.84	18.4
		1	24	0	18.24	17.96	17.96	18.4
		12	0	1	17.28	17.15	16.98	17.4
		12	6	1	17.11	16.89	16.90	17.4
		12	13	1	17.25	17.00	16.97	17.4
		25	0	1	17.23	17.07	16.96	17.4
	16QAM	1	0	1	17.23	16.98	17.01	17.4
		1	12	1	17.28	17.09	17.17	17.4
		1	24	1	17.17	16.95	16.97	17.4
		12	0	2	16.14	16.00	15.84	16.4
		12	6	2	16.15	15.85	15.99	16.4
		12	13	2	16.18	15.89	15.94	16.4
		25	0	2	16.28	16.12	16.16	16.4
	64QAM	1	0	2	16.18	16.01	15.94	16.4
		1	12	2	16.27	16.08	16.14	16.4
		1	24	2	16.27	16.07	16.12	16.4
		12	0	3	15.22	14.92	14.97	15.4
		12	6	3	15.27	15.17	15.15	15.4
		12	13	3	15.12	14.90	14.88	15.4
		25	0	3	15.28	14.99	15.08	15.4
	256QAM	1	0	5	13.26	13.00	12.97	13.4
		1	12	5	13.14	12.93	13.01	13.4
		1	24	5	13.21	12.98	13.07	13.4
		12	0	5	13.27	13.10	13.07	13.4
		12	6	5	13.19	12.96	12.95	13.4
		12	13	5	13.22	13.00	12.93	13.4
		25	0	5	13.22	13.06	13.01	13.4

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26140	26365	26590	Tune-up Limit (dBm)
					1860.0	1882.5	1905.0	
20	QPSK	1	0	0	17.48	17.32	17.31	17.5
		1	49	0	17.24	17.08	16.99	17.5
		1	99	0	17.34	17.15	17.11	17.5
		50	0	1	16.49	16.27	16.35	16.5
		50	25	1	16.20	16.00	15.96	16.5
		50	50	1	16.24	15.98	16.06	16.5
		100	0	1	16.41	16.18	16.30	16.5
	16QAM	1	0	1	16.35	16.08	16.07	16.5
		1	49	1	16.31	16.06	16.05	16.5
		1	99	1	16.26	15.96	16.11	16.5
		50	0	2	15.34	15.10	15.21	15.5
		50	25	2	15.38	15.09	15.20	15.5
		50	50	2	15.37	15.21	15.25	15.5
		100	0	2	15.33	15.04	15.03	15.5
	64QAM	1	0	2	15.21	14.94	14.98	15.5
		1	49	2	15.22	14.96	15.01	15.5
		1	99	2	15.24	14.98	15.09	15.5
		50	0	3	14.21	13.97	14.08	14.5
		50	25	3	14.29	14.10	14.14	14.5
		50	50	3	14.29	14.16	14.02	14.5
		100	0	3	14.26	14.10	14.15	14.5

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26115	26365	26615	Tune-up Limit (dBm)
					1857.5	1882.5	1907.5	
15	QPSK	1	0	0	17.32	17.06	17.22	17.5
		1	37	0	17.24	16.96	16.99	17.5
		1	74	0	17.38	17.12	17.25	17.5
		36	0	1	16.34	16.21	16.04	16.5
		36	19	1	16.25	16.13	16.12	16.5
		36	39	1	16.32	16.09	16.14	16.5
		75	0	1	16.20	16.01	15.92	16.5
	16QAM	1	0	1	16.29	16.17	16.08	16.5
		1	37	1	16.37	16.19	16.08	16.5
		1	74	1	16.38	16.17	16.26	16.5
		36	0	2	15.35	15.20	15.09	15.5
		36	19	2	15.38	15.16	15.26	15.5
		36	39	2	15.31	15.08	15.03	15.5
		75	0	2	15.33	15.21	15.06	15.5
	64QAM	1	0	2	15.36	15.09	15.19	15.5
		1	37	2	15.26	15.04	15.09	15.5
		1	74	2	15.40	15.29	15.19	15.5
		36	0	3	14.30	14.20	14.11	14.5
		36	19	3	14.22	14.07	14.01	14.5
		36	39	3	14.38	14.20	14.17	14.5
		75	0	3	14.28	14.00	14.15	14.5
	256QAM	1	0	5	12.30	12.19	12.10	12.5
		1	37	5	12.27	12.01	12.13	12.5
		1	74	5	12.21	12.01	11.94	12.5
		36	0	5	12.28	12.15	12.16	12.5
		36	19	5	12.25	12.08	11.99	12.5
		36	39	5	12.40	12.30	12.23	12.5
		75	0	5	12.29	12.13	12.05	12.5

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26090	26365	26640	Tune-up Limit (dBm)
					1855.0	1882.5	1910.0	
10	QPSK	1	0	0	17.27	17.04	17.02	17.5
		1	24	0	17.28	17.18	17.12	17.5
		1	49	0	17.21	16.94	16.97	17.5
		25	0	1	16.25	15.96	15.98	16.5
		25	12	1	16.29	16.10	16.16	16.5
		25	25	1	16.34	16.05	16.12	16.5
		50	0	1	16.36	16.21	16.21	16.5
	16QAM	1	0	1	16.30	16.02	16.19	16.5
		1	24	1	16.22	16.07	15.92	16.5
		1	49	1	16.25	16.12	15.99	16.5
		25	0	2	15.39	15.15	15.10	15.5
		25	12	2	15.25	15.02	15.12	15.5
		25	25	2	15.27	15.10	15.09	15.5
		50	0	2	15.30	15.11	15.06	15.5
	64QAM	1	0	2	15.33	15.04	15.10	15.5
		1	24	2	15.25	15.15	15.08	15.5
		1	49	2	15.37	15.14	15.16	15.5
		25	0	3	14.22	14.09	14.03	14.5
		25	12	3	14.36	14.06	14.22	14.5
		25	25	3	14.31	14.16	14.20	14.5
		50	0	3	14.40	14.23	14.19	14.5
	256QAM	1	0	5	12.32	12.12	12.13	12.5
		1	24	5	12.38	12.24	12.23	12.5
		1	49	5	12.24	12.01	12.01	12.5
		25	0	5	12.35	12.08	12.06	12.5
		25	12	5	12.20	11.94	12.04	12.5
		25	25	5	12.33	12.11	12.12	12.5
		50	0	5	12.27	12.14	12.08	12.5

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26065	26365	26665	Tune-up Limit (dBm)
					1852.5	1882.5	1912.5	
5	QPSK	1	0	0	17.34	17.10	17.07	17.5
		1	12	0	17.33	17.13	17.11	17.5
		1	24	0	17.33	17.17	17.11	17.5
		12	0	1	16.36	16.19	16.16	16.5
		12	6	1	16.25	16.14	16.01	16.5
		12	13	1	16.25	16.10	15.98	16.5
		25	0	1	16.37	16.22	16.15	16.5
	16QAM	1	0	1	16.34	16.07	16.06	16.5
		1	12	1	16.28	16.09	16.11	16.5
		1	24	1	16.38	16.10	16.22	16.5
		12	0	2	15.29	15.06	15.06	15.5
		12	6	2	15.31	15.16	15.10	15.5
		12	13	2	15.37	15.22	15.15	15.5
		25	0	2	15.24	15.04	15.01	15.5
	64QAM	1	0	2	15.32	15.07	15.21	15.5
		1	12	2	15.35	15.16	15.19	15.5
		1	24	2	15.21	15.01	14.91	15.5
		12	0	3	14.25	14.12	14.07	14.5
		12	6	3	14.28	14.07	14.02	14.5
		12	13	3	14.37	14.20	14.07	14.5
		25	0	3	14.36	14.20	14.11	14.5
	256QAM	1	0	5	12.38	12.22	12.26	12.5
		1	12	5	12.21	12.01	11.97	12.5
		1	24	5	12.32	12.19	12.12	12.5
		12	0	5	12.30	12.07	12.11	12.5
		12	6	5	12.20	12.10	11.92	12.5
		12	13	5	12.21	12.11	12.07	12.5
		25	0	5	12.21	11.94	12.06	12.5

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26055	26365	26675	Tune-up Limit (dBm)
					1851.5	1882.5	1913.5	
3	QPSK	1	0	0	17.23	17.03	16.94	17.5
		1	7	0	17.34	17.20	17.13	17.5
		1	14	0	17.34	17.13	17.04	17.5
		8	0	1	16.20	15.90	16.09	16.5
		8	3	1	16.29	15.99	16.11	16.5
		8	7	1	16.25	16.11	16.14	16.5
		15	0	1	16.23	16.07	16.08	16.5
	16QAM	1	0	1	16.30	16.05	16.05	16.5
		1	7	1	16.22	16.00	16.03	16.5
		1	14	1	16.20	15.92	16.01	16.5
		8	0	2	15.39	15.14	15.15	15.5
		8	3	2	15.38	15.10	15.23	15.5
		8	7	2	15.29	15.12	15.18	15.5
		15	0	2	15.32	15.14	15.09	15.5
	64QAM	1	0	2	15.35	15.25	15.16	15.5
		1	7	2	15.24	14.97	14.98	15.5
		1	14	2	15.31	15.16	15.09	15.5
		8	0	3	14.34	14.16	14.12	14.5
		8	3	3	14.20	14.04	13.98	14.5
		8	7	3	14.32	14.14	14.02	14.5
		15	0	3	14.39	14.29	14.20	14.5
	256QAM	1	0	5	12.32	12.07	12.20	12.5
		1	7	5	12.27	12.16	11.97	12.5
		1	14	5	12.37	12.07	12.18	12.5
		8	0	5	12.27	12.04	12.05	12.5
		8	3	5	12.34	12.07	12.17	12.5
		8	7	5	12.36	12.23	12.18	12.5
		15	0	5	12.21	11.93	12.09	12.5

Band					LTE Band 25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26047	26365	26683	Tune-up Limit (dBm)
					1850.7	1882.5	1914.3	
1.4	QPSK	1	0	0	17.23	17.09	16.98	17.5
		1	2	0	17.24	17.11	17.07	17.5
		1	5	0	17.35	17.23	17.25	17.5
		3	0	0	17.31	17.09	17.19	17.5
		3	1	0	17.21	16.93	17.08	17.5
		3	3	0	17.31	17.14	17.06	17.5
		6	0	1	16.33	16.20	16.21	16.5
	16QAM	1	0	1	16.35	16.23	16.12	16.5
		1	2	1	16.27	16.13	16.04	16.5
		1	5	1	16.35	16.17	16.08	16.5
		3	0	1	16.36	16.10	16.14	16.5
		3	1	1	16.36	16.06	16.07	16.5
		3	3	1	16.23	16.13	16.01	16.5
		6	0	2	15.20	14.96	15.05	15.5
	64QAM	1	0	2	15.24	15.11	15.13	15.5
		1	2	2	15.22	14.95	15.10	15.5
		1	5	2	15.34	15.14	15.09	15.5
		3	0	2	15.25	15.12	15.00	15.5
		3	1	2	15.39	15.12	15.26	15.5
		3	3	2	15.29	15.03	15.15	15.5
		6	0	3	14.22	13.98	13.96	14.5
	256QAM	1	0	5	12.23	12.04	11.95	12.5
		1	2	5	12.29	12.14	12.09	12.5
		1	5	5	12.23	12.07	12.00	12.5
		3	0	5	12.37	12.22	12.19	12.5
		3	1	5	12.36	12.08	12.07	12.5
		3	3	5	12.21	12.06	12.04	12.5
		6	0	5	12.23	12.09	11.95	12.5

Band					LTE Band 26			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26765	26865	26965	Tune-up Limit (dBm)
					821.5	831.5	841.5	
15	QPSK	1	0	0	21.61	21.52	21.51	21.7
		1	37	0	21.39	21.19	21.15	21.7
		1	74	0	21.49	21.19	21.32	21.7
		36	0	1	20.55	20.25	20.35	20.7
		36	19	1	20.37	20.20	20.17	20.7
		36	39	1	20.43	20.24	20.19	20.7
		75	0	1	20.48	20.33	20.27	20.7
	16QAM	1	0	1	20.39	20.19	20.19	20.7
		1	37	1	20.38	20.15	20.22	20.7
		1	74	1	20.44	20.18	20.33	20.7
		36	0	2	19.50	19.33	19.30	19.7
		36	19	2	19.47	19.31	19.29	19.7
		36	39	2	19.35	19.12	19.17	19.7
		75	0	2	19.36	19.10	19.06	19.7
	64QAM	1	0	2	19.43	19.16	19.16	19.7
		1	37	2	19.47	19.34	19.21	19.7
		1	74	2	19.45	19.20	19.30	19.7
		36	0	3	18.39	18.10	18.13	18.7
		36	19	3	18.49	18.19	18.24	18.7
		36	39	3	18.50	18.31	18.39	18.7
		75	0	3	18.30	18.04	18.09	18.7

Band					LTE Band 26			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26740	26865	26990	Tune-up Limit (dBm)
					819.0	831.5	844.0	
10	QPSK	1	0	0	21.32	21.15	21.22	21.7
		1	24	0	21.47	21.35	21.24	21.7
		1	49	0	21.44	21.18	21.27	21.7
		25	0	1	20.48	20.20	20.33	20.7
		25	12	1	20.44	20.14	20.32	20.7
		25	25	1	20.34	20.06	20.16	20.7
		50	0	1	20.36	20.14	20.21	20.7
	16QAM	1	0	1	20.33	20.18	20.12	20.7
		1	24	1	20.44	20.30	20.22	20.7
		1	49	1	20.36	20.06	20.18	20.7
		25	0	2	19.33	19.14	19.12	19.7
		25	12	2	19.38	19.23	19.10	19.7
		25	25	2	19.47	19.28	19.33	19.7
		50	0	2	19.44	19.15	19.16	19.7
	64QAM	1	0	2	19.45	19.34	19.20	19.7
		1	24	2	19.49	19.32	19.27	19.7
		1	49	2	19.41	19.30	19.30	19.7
		25	0	3	18.46	18.30	18.23	18.7
		25	12	3	18.31	18.03	18.11	18.7
		25	25	3	18.37	18.18	18.24	18.7
		50	0	3	18.47	18.18	18.18	18.7
	256QAM	1	0	5	16.37	16.12	16.26	16.7
		1	24	5	16.40	16.22	16.21	16.7
		1	49	5	16.31	16.01	16.09	16.7
		25	0	5	16.33	16.17	16.17	16.7
		25	12	5	16.41	16.15	16.22	16.7
		25	25	5	16.37	16.09	16.13	16.7
		50	0	5	16.41	16.11	16.30	16.7

Band					LTE Band 26			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26715	26865	27015	Tune-up Limit (dBm)
					816.5	831.5	846.5	
5	QPSK	1	0	0	21.45	21.16	21.20	21.7
		1	12	0	21.31	21.04	21.12	21.7
		1	24	0	21.42	21.16	21.18	21.7
		12	0	1	20.48	20.19	20.24	20.7
		12	6	1	20.38	20.21	20.13	20.7
		12	13	1	20.44	20.14	20.31	20.7
		25	0	1	20.42	20.27	20.29	20.7
	16QAM	1	0	1	20.30	20.02	20.19	20.7
		1	12	1	20.30	20.05	20.18	20.7
		1	24	1	20.31	20.07	20.03	20.7
		12	0	2	19.41	19.16	19.15	19.7
		12	6	2	19.48	19.18	19.34	19.7
		12	13	2	19.49	19.34	19.31	19.7
		25	0	2	19.35	19.09	19.07	19.7
	64QAM	1	0	2	19.39	19.17	19.29	19.7
		1	12	2	19.49	19.25	19.24	19.7
		1	24	2	19.43	19.24	19.13	19.7
		12	0	3	18.40	18.25	18.22	18.7
		12	6	3	18.48	18.28	18.34	18.7
		12	13	3	18.40	18.28	18.24	18.7
		25	0	3	18.41	18.20	18.13	18.7
	256QAM	1	0	5	16.33	16.08	16.06	16.7
		1	12	5	16.42	16.21	16.26	16.7
		1	24	5	16.38	16.27	16.26	16.7
		12	0	5	16.30	16.06	16.04	16.7
		12	6	5	16.47	16.30	16.27	16.7
		12	13	5	16.30	16.05	16.08	16.7
		25	0	5	16.50	16.38	16.32	16.7

Band					LTE Band 26			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26705	26865	27025	Tune-up Limit (dBm)
					815.5	831.5	847.5	
3	QPSK	1	0	0	21.30	21.19	21.00	21.7
		1	7	0	21.47	21.20	21.32	21.7
		1	14	0	21.45	21.28	21.21	21.7
		8	0	1	20.44	20.32	20.17	20.7
		8	3	1	20.30	20.08	20.00	20.7
		8	7	1	20.45	20.26	20.15	20.7
		15	0	1	20.40	20.15	20.25	20.7
	16QAM	1	0	1	20.30	20.17	20.14	20.7
		1	7	1	20.46	20.18	20.33	20.7
		1	14	1	20.38	20.13	20.11	20.7
		8	0	2	19.48	19.38	19.32	19.7
		8	3	2	19.48	19.22	19.23	19.7
		8	7	2	19.40	19.17	19.27	19.7
		15	0	2	19.41	19.15	19.30	19.7
	64QAM	1	0	2	19.47	19.36	19.24	19.7
		1	7	2	19.44	19.14	19.27	19.7
		1	14	2	19.30	19.04	19.00	19.7
		8	0	3	18.50	18.29	18.32	18.7
		8	3	3	18.43	18.13	18.22	18.7
		8	7	3	18.45	18.33	18.15	18.7
		15	0	3	18.38	18.19	18.16	18.7
	256QAM	1	0	5	16.35	16.13	16.10	16.7
		1	7	5	16.48	16.27	16.38	16.7
		1	14	5	16.42	16.20	16.30	16.7
		8	0	5	16.40	16.18	16.20	16.7
		8	3	5	16.32	16.19	16.06	16.7
		8	7	5	16.37	16.26	16.14	16.7
		15	0	5	16.45	16.15	16.24	16.7

Band					LTE Band 26			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	26697	26865	27033	Tune-up Limit (dBm)
					814.7	831.5	848.3	
1.4	QPSK	1	0	0	21.40	21.13	21.15	21.7
		1	2	0	21.37	21.07	21.08	21.7
		1	5	0	21.44	21.20	21.33	21.7
		3	0	0	21.31	21.07	21.15	21.7
		3	1	0	21.44	21.24	21.22	21.7
		3	3	0	21.33	21.08	21.07	21.7
		6	0	1	20.42	20.29	20.32	20.7
	16QAM	1	0	1	20.43	20.26	20.27	20.7
		1	2	1	20.31	20.13	20.04	20.7
		1	5	1	20.33	20.15	20.08	20.7
		3	0	1	20.44	20.32	20.27	20.7
		3	1	1	20.50	20.28	20.30	20.7
		3	3	1	20.46	20.18	20.33	20.7
		6	0	2	19.42	19.22	19.21	19.7
	64QAM	1	0	2	19.35	19.15	19.11	19.7
		1	2	2	19.46	19.18	19.16	19.7
		1	5	2	19.31	19.14	19.12	19.7
		3	0	2	19.31	19.12	19.13	19.7
		3	1	2	19.46	19.24	19.32	19.7
		3	3	2	19.37	19.26	19.20	19.7
		6	0	3	18.40	18.16	18.23	18.7
	256QAM	1	0	5	16.40	16.16	16.20	16.7
		1	2	5	16.41	16.20	16.16	16.7
		1	5	5	16.44	16.14	16.34	16.7
		3	0	5	16.49	16.22	16.37	16.7
		3	1	5	16.43	16.32	16.23	16.7
		3	3	5	16.39	16.19	16.19	16.7
		6	0	5	16.31	16.01	16.15	16.7

Band					LTE Band 38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	37850	38000	38150	Tune-up Limit (dBm)
					2580.0	2595.0	2610.0	
20	QPSK	1	0	0	18.59	18.55	18.57	18.6
		1	49	0	18.30	18.05	18.00	18.6
		1	99	0	18.35	18.18	18.09	18.6
		50	0	1	17.57	17.45	17.29	17.6
		50	25	1	17.32	17.15	17.12	17.6
		50	50	1	17.25	17.00	16.99	17.6
		100	0	1	17.53	17.41	17.25	17.6
	16QAM	1	0	1	17.26	17.03	16.99	17.6
		1	49	1	17.22	16.93	16.94	17.6
		1	99	1	17.21	17.11	16.93	17.6
		50	0	2	16.33	16.16	16.04	16.6
		50	25	2	16.23	16.09	16.05	16.6
		50	50	2	16.29	16.10	16.01	16.6
		100	0	2	16.21	16.04	16.05	16.6
	64QAM	1	0	2	16.39	16.17	16.09	16.6
		1	49	2	16.22	16.08	15.96	16.6
		1	99	2	16.21	16.07	16.03	16.6
		50	0	3	15.32	15.09	15.02	15.6
		50	25	3	15.22	14.93	14.96	15.6
		50	50	3	15.31	15.09	15.14	15.6
		100	0	3	15.25	15.10	15.15	15.6

Band					LTE Band 38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	37825	38000	38175	Tune-up Limit (dBm)
					2577.5	2595.0	2612.5	
15	QPSK	1	0	0	18.30	18.18	18.01	18.6
		1	37	0	18.36	18.18	18.25	18.6
		1	74	0	18.22	17.97	18.09	18.6
		36	0	1	17.34	17.15	17.15	17.6
		36	19	1	17.27	17.15	17.08	17.6
		36	39	1	17.31	17.04	17.20	17.6
		75	0	1	17.28	17.09	17.14	17.6
	16QAM	1	0	1	17.33	17.07	17.17	17.6
		1	37	1	17.38	17.26	17.23	17.6
		1	74	1	17.27	17.00	17.00	17.6
		36	0	2	16.29	16.07	16.10	16.6
		36	19	2	16.22	16.07	16.07	16.6
		36	39	2	16.31	16.07	16.12	16.6
		75	0	2	16.26	16.12	16.01	16.6
	64QAM	1	0	2	16.27	16.04	16.06	16.6
		1	37	2	16.24	16.09	16.01	16.6
		1	74	2	16.35	16.11	16.20	16.6
		36	0	3	15.39	15.27	15.18	15.6
		36	19	3	15.25	15.07	14.97	15.6
		36	39	3	15.27	14.97	15.00	15.6
		75	0	3	15.35	15.05	15.24	15.6
	256QAM	1	0	5	13.37	13.17	13.16	13.6
		1	37	5	13.35	13.17	13.17	13.6
		1	74	5	13.34	13.09	13.13	13.6
		36	0	5	13.35	13.18	13.24	13.6
		36	19	5	13.40	13.22	13.10	13.6
		36	39	5	13.38	13.28	13.11	13.6
		75	0	5	13.21	13.05	13.08	13.6

Band					LTE Band 38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	37800	38000	38200	Tune-up Limit (dBm)
					2575.0	2595.0	2615.0	
10	QPSK	1	0	0	18.29	18.01	18.12	18.6
		1	24	0	18.32	18.04	18.21	18.6
		1	49	0	18.37	18.10	18.23	18.6
		25	0	1	17.29	17.04	17.02	17.6
		25	12	1	17.23	17.10	17.01	17.6
		25	25	1	17.29	17.10	17.15	17.6
		50	0	1	17.24	17.03	16.99	17.6
	16QAM	1	0	1	17.26	17.03	17.10	17.6
		1	24	1	17.22	16.93	17.00	17.6
		1	49	1	17.28	17.03	17.05	17.6
		25	0	2	16.36	16.07	16.11	16.6
		25	12	2	16.28	16.13	16.03	16.6
		25	25	2	16.39	16.17	16.16	16.6
		50	0	2	16.37	16.13	16.24	16.6
	64QAM	1	0	2	16.39	16.28	16.21	16.6
		1	24	2	16.39	16.22	16.19	16.6
		1	49	2	16.40	16.12	16.20	16.6
		25	0	3	15.34	15.08	15.06	15.6
		25	12	3	15.23	15.01	15.08	15.6
		25	25	3	15.39	15.25	15.27	15.6
		50	0	3	15.26	15.13	15.06	15.6
	256QAM	1	0	5	13.23	13.07	13.06	13.6
		1	24	5	13.30	13.01	13.16	13.6
		1	49	5	13.34	13.07	13.09	13.6
		25	0	5	13.24	12.97	12.97	13.6
		25	12	5	13.34	13.20	13.06	13.6
		25	25	5	13.34	13.19	13.06	13.6
		50	0	5	13.40	13.20	13.25	13.6

Band					LTE Band 38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	37775	38000	38225	Tune-up Limit (dBm)
					2572.5	2595.0	2617.5	
5	QPSK	1	0	0	18.25	18.06	17.98	18.6
		1	12	0	18.21	18.03	17.91	18.6
		1	24	0	18.26	18.01	18.13	18.6
		12	0	1	17.29	17.03	17.14	17.6
		12	6	1	17.24	17.12	16.99	17.6
		12	13	1	17.30	17.00	17.07	17.6
		25	0	1	17.28	17.03	17.00	17.6
	16QAM	1	0	1	17.34	17.05	17.09	17.6
		1	12	1	17.36	17.09	17.13	17.6
		1	24	1	17.28	17.00	17.13	17.6
		12	0	2	16.34	16.14	16.16	16.6
		12	6	2	16.33	16.12	16.05	16.6
		12	13	2	16.26	16.06	16.03	16.6
		25	0	2	16.31	16.07	16.05	16.6
	64QAM	1	0	2	16.32	16.12	16.21	16.6
		1	12	2	16.39	16.23	16.23	16.6
		1	24	2	16.31	16.14	16.08	16.6
		12	0	3	15.34	15.06	15.04	15.6
		12	6	3	15.24	15.07	14.94	15.6
		12	13	3	15.34	15.08	15.11	15.6
		25	0	3	15.36	15.11	15.23	15.6
	256QAM	1	0	5	13.28	13.06	13.10	13.6
		1	12	5	13.33	13.09	13.21	13.6
		1	24	5	13.36	13.11	13.18	13.6
		12	0	5	13.28	12.99	13.01	13.6
		12	6	5	13.28	13.07	13.03	13.6
		12	13	5	13.20	12.98	13.01	13.6
		25	0	5	13.36	13.18	13.23	13.6

Band					LTE Band 41_PC3					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39750	40185	40620	41055	41490	Tune-up Limit (dBm)
					2506.0	2549.5	2593.0	2636.5	2680.0	
20	QPSK	1	0	0	18.42	18.34	18.54	18.42	18.59	18.6
		1	49	0	18.14	18.09	18.15	18.10	18.37	18.6
		1	99	0	17.93	17.83	17.98	18.00	18.21	18.6
		50	0	1	17.35	17.34	17.20	17.20	17.55	17.6
		50	25	1	17.06	17.06	17.00	17.17	17.37	17.6
		50	50	1	16.97	16.95	16.94	17.05	17.33	17.6
		100	0	1	17.24	17.23	17.25	17.24	17.53	17.6
	16QAM	1	0	1	17.05	17.05	16.98	17.04	17.30	17.6
		1	49	1	17.08	17.06	17.04	17.08	17.35	17.6
		1	99	1	17.14	17.04	17.08	17.07	17.35	17.6
		50	0	2	16.01	15.97	16.14	16.07	16.35	16.6
		50	25	2	15.81	15.96	15.85	15.99	16.21	16.6
		50	50	2	15.93	15.89	15.95	15.99	16.27	16.6
		100	0	2	16.00	16.05	16.06	16.05	16.32	16.6
	64QAM	1	0	2	15.98	15.98	16.07	16.15	16.36	16.6
		1	49	2	16.00	16.04	16.02	16.13	16.37	16.6
		1	99	2	16.11	16.01	16.09	16.09	16.38	16.6
		50	0	3	15.13	15.11	15.02	15.05	15.38	15.6
		50	25	3	14.99	15.17	15.01	14.98	15.37	15.6
		50	50	3	15.01	15.14	15.19	15.07	15.40	15.6
		100	0	3	15.10	15.04	14.96	14.97	15.36	15.6

Band					LTE Band 41_PC3					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39725	40173	40620	41068	41515	Tune-up Limit (dBm)
					2503.5	2548.3	2593.0	2637.8	2682.5	
15	QPSK	1	0	0	18.09	17.93	17.97	18.04	18.32	18.6
		1	37	0	18.05	17.88	18.06	17.98	18.26	18.6
		1	74	0	18.02	18.13	17.94	18.02	18.33	18.6
		36	0	1	16.98	17.10	16.99	17.02	17.36	17.6
		36	19	1	16.94	16.91	16.97	17.04	17.29	17.6
		36	39	1	17.11	17.04	17.03	17.04	17.31	17.6
		75	0	1	17.09	17.08	17.15	17.08	17.37	17.6
	16QAM	1	0	1	16.90	16.87	17.02	16.89	17.23	17.6
		1	37	1	17.12	17.00	17.10	17.14	17.39	17.6
		1	74	1	16.96	17.10	17.01	16.93	17.30	17.6
		36	0	2	16.00	16.11	16.09	15.95	16.34	16.6
		36	19	2	15.98	15.98	15.96	15.90	16.23	16.6
		36	39	2	16.01	15.89	15.88	15.95	16.28	16.6
		75	0	2	16.16	16.09	16.15	15.98	16.38	16.6
	64QAM	1	0	2	16.04	16.04	16.14	16.06	16.38	16.6
		1	37	2	15.95	16.08	15.98	16.12	16.34	16.6
		1	74	2	16.00	16.10	16.08	16.07	16.39	16.6
		36	0	3	15.03	15.10	15.00	15.16	15.38	15.6
		36	19	3	14.97	14.94	14.95	14.97	15.21	15.6
		36	39	3	15.12	15.01	15.00	15.19	15.40	15.6
		75	0	3	14.84	14.97	14.85	14.98	15.21	15.6
	256QAM	1	0	5	12.95	12.98	12.96	13.01	13.28	13.6
		1	37	5	13.07	13.02	13.05	12.93	13.31	13.6
		1	74	5	13.03	13.16	13.04	13.18	13.38	13.6
		36	0	5	13.13	13.11	13.11	12.98	13.37	13.6
		36	19	5	13.02	12.95	13.08	13.04	13.33	13.6
		36	39	5	13.12	12.99	13.08	13.15	13.37	13.6
		75	0	5	13.12	13.10	13.11	12.97	13.37	13.6

Band					LTE Band 41_PC3					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39700	40160	40620	41080	41540	Tune-up Limit (dBm)
					2501.0	2547.0	2593.0	2639.0	2685.0	
10	QPSK	1	0	0	18.15	17.98	18.15	18.07	18.37	18.6
		1	24	0	17.92	17.90	18.00	17.96	18.21	18.6
		1	49	0	17.94	17.90	17.92	18.03	18.23	18.6
		25	0	1	17.07	16.92	17.08	16.91	17.30	17.6
		25	12	1	16.92	17.00	16.94	16.90	17.22	17.6
		25	25	1	16.96	16.90	16.98	16.91	17.23	17.6
		50	0	1	17.13	17.11	16.99	17.06	17.33	17.6
	16QAM	1	0	1	16.83	16.90	16.97	17.01	17.22	17.6
		1	24	1	17.14	17.01	17.00	17.09	17.39	17.6
		1	49	1	16.99	17.07	17.04	17.03	17.34	17.6
		25	0	2	16.00	15.93	15.89	15.99	16.25	16.6
		25	12	2	16.02	16.03	16.04	16.02	16.30	16.6
		25	25	2	15.96	15.98	16.07	16.13	16.35	16.6
		50	0	2	16.00	16.04	16.08	16.08	16.38	16.6
	64QAM	1	0	2	16.02	15.96	16.04	15.99	16.33	16.6
		1	24	2	16.00	16.15	16.03	16.08	16.40	16.6
		1	49	2	15.96	16.06	16.11	15.94	16.32	16.6
		25	0	3	14.87	14.83	15.01	14.83	15.21	15.6
		25	12	3	15.01	15.14	15.00	15.01	15.39	15.6
		25	25	3	14.95	15.01	14.99	14.82	15.21	15.6
		50	0	3	15.07	14.90	14.95	15.05	15.28	15.6
	256QAM	1	0	5	12.97	12.91	12.89	13.03	13.29	13.6
		1	24	5	13.09	13.17	13.14	13.07	13.39	13.6
		1	49	5	12.98	13.06	12.97	12.99	13.37	13.6
		25	0	5	12.90	12.96	12.94	13.01	13.30	13.6
		25	12	5	13.09	13.08	13.18	13.02	13.40	13.6
		25	25	5	13.17	12.98	13.09	13.12	13.38	13.6
		50	0	5	12.93	12.98	12.99	12.99	13.22	13.6

Band					LTE Band 41_PC3					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39675	40148	40620	41093	41565	Tune-up Limit (dBm)
					2498.5	2545.8	2593.0	2640.3	2687.5	
5	QPSK	1	0	0	18.09	17.95	17.95	18.04	18.33	18.6
		1	12	0	18.09	18.14	18.04	18.07	18.36	18.6
		1	24	0	17.99	18.01	18.14	17.97	18.34	18.6
		12	0	1	16.92	16.94	16.86	16.90	17.22	17.6
		12	6	1	16.99	17.03	17.00	17.04	17.38	17.6
		12	13	1	17.00	17.00	17.10	17.18	17.39	17.6
		25	0	1	16.89	16.84	16.98	16.96	17.23	17.6
	16QAM	1	0	1	17.05	17.11	17.14	17.06	17.40	17.6
		1	12	1	16.99	16.96	16.99	16.97	17.33	17.6
		1	24	1	17.12	17.09	17.06	17.01	17.37	17.6
		12	0	2	16.12	16.08	16.13	16.01	16.35	16.6
		12	6	2	15.98	16.11	16.16	15.97	16.36	16.6
		12	13	2	16.01	15.97	16.04	15.95	16.33	16.6
		25	0	2	16.10	15.95	15.92	15.91	16.31	16.6
	64QAM	1	0	2	16.00	16.00	16.00	15.96	16.36	16.6
		1	12	2	15.95	15.86	15.91	15.91	16.23	16.6
		1	24	2	15.97	16.03	16.10	16.06	16.36	16.6
		12	0	3	14.99	14.96	14.99	15.09	15.33	15.6
		12	6	3	15.12	14.99	15.06	15.09	15.37	15.6
		12	13	3	15.10	15.07	15.01	14.96	15.30	15.6
		25	0	3	15.09	15.11	15.01	15.04	15.37	15.6
	256QAM	1	0	5	13.15	13.15	13.06	13.15	13.35	13.6
		1	12	5	12.80	12.91	12.91	12.82	13.20	13.6
		1	24	5	13.09	13.04	13.18	13.04	13.40	13.6
		12	0	5	13.02	12.99	13.01	13.12	13.39	13.6
		12	6	5	13.00	13.06	13.03	13.09	13.31	13.6
		12	13	5	13.00	12.97	13.06	13.03	13.36	13.6
		25	0	5	13.02	12.95	13.09	13.08	13.32	13.6

Band					LTE Band 41_PC2					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39750	40185	40620	41055	41490	Tune-up Limit (dBm)
					2506.0	2549.5	2593.0	2636.5	2680.0	
20	QPSK	1	0	0	22.16	22.25	22.24	22.26	22.29	22.3
		1	49	0	21.65	21.54	21.58	21.51	21.91	22.3
		1	99	0	21.60	21.62	21.67	21.70	22.00	22.3
		50	0	1	21.03	20.88	20.85	21.01	21.23	21.3
		50	25	1	20.62	20.61	20.71	20.67	20.92	21.3
		50	50	1	20.60	20.71	20.60	20.64	20.91	21.3
		100	0	1	20.87	20.98	21.02	20.85	21.22	21.3
	16QAM	1	0	1	20.73	20.80	20.76	20.82	21.10	21.3
		1	49	1	20.71	20.79	20.71	20.86	21.06	21.3
		1	99	1	20.82	20.84	20.83	20.70	21.08	21.3
		50	0	2	19.72	19.66	19.75	19.72	20.05	20.3
		50	25	2	19.62	19.75	19.68	19.66	20.01	20.3
		50	50	2	19.65	19.53	19.72	19.60	19.93	20.3
		100	0	2	19.64	19.70	19.67	19.73	20.00	20.3
	64QAM	1	0	2	19.74	19.85	19.79	19.74	20.10	20.3
		1	49	2	19.60	19.68	19.76	19.69	19.96	20.3
		1	99	2	19.72	19.79	19.71	19.65	20.00	20.3
		50	0	3	18.82	18.63	18.79	18.68	19.02	19.3
		50	25	3	18.71	18.63	18.71	18.65	19.02	19.3
		50	50	3	18.86	18.82	18.73	18.85	19.06	19.3
		100	0	3	18.82	18.64	18.73	18.64	19.02	19.3

Band					LTE Band 41_PC2					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39725	40173	40620	41068	41515	Tune-up Limit (dBm)
					2503.5	2548.3	2593.0	2637.8	2682.5	
15	QPSK	1	0	0	21.73	21.76	21.72	21.69	22.05	22.3
		1	37	0	21.71	21.83	21.73	21.90	22.10	22.3
		1	74	0	21.66	21.57	21.61	21.61	21.92	22.3
		36	0	1	20.75	20.69	20.64	20.62	21.00	21.3
		36	19	1	20.79	20.67	20.87	20.79	21.07	21.3
		36	39	1	20.83	20.80	20.80	20.68	21.06	21.3
		75	0	1	20.61	20.71	20.65	20.74	20.96	21.3
	16QAM	1	0	1	20.66	20.63	20.71	20.74	20.97	21.3
		1	37	1	20.81	20.78	20.80	20.68	21.05	21.3
		1	74	1	20.73	20.82	20.83	20.86	21.07	21.3
		36	0	2	19.75	19.69	19.66	19.83	20.05	20.3
		36	19	2	19.71	19.85	19.76	19.85	20.06	20.3
		36	39	2	19.81	19.69	19.81	19.71	20.04	20.3
		75	0	2	19.58	19.72	19.55	19.60	19.95	20.3
	64QAM	1	0	2	19.80	19.82	19.84	19.87	20.07	20.3
		1	37	2	19.57	19.58	19.61	19.67	19.97	20.3
		1	74	2	19.87	19.90	19.87	19.77	20.10	20.3
		36	0	3	18.75	18.72	18.72	18.76	19.03	19.3
		36	19	3	18.78	18.73	18.74	18.81	19.01	19.3
		36	39	3	18.77	18.85	18.83	18.69	19.07	19.3
		75	0	3	18.89	18.83	18.75	18.81	19.10	19.3
	256QAM	1	0	5	16.79	16.76	16.83	16.85	17.09	17.3
		1	37	5	16.82	16.70	16.84	16.70	17.08	17.3
		1	74	5	16.69	16.82	16.82	16.74	17.03	17.3
		36	0	5	16.72	16.70	16.65	16.57	16.96	17.3
		36	19	5	16.67	16.65	16.62	16.60	16.92	17.3
		36	39	5	16.65	16.63	16.65	16.71	16.99	17.3
		75	0	5	16.82	16.78	16.85	16.86	17.10	17.3

Band					LTE Band 41_PC2					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39700	40160	40620	41080	41540	Tune-up Limit (dBm)
					2501.0	2547.0	2593.0	2639.0	2685.0	
10	QPSK	1	0	0	21.74	21.71	21.73	21.56	21.94	22.3
		1	24	0	21.71	21.70	21.69	21.80	22.04	22.3
		1	49	0	21.81	21.67	21.82	21.72	22.05	22.3
		25	0	1	20.82	20.64	20.71	20.70	21.03	21.3
		25	12	1	20.60	20.61	20.63	20.68	20.98	21.3
		25	25	1	20.62	20.78	20.62	20.78	21.00	21.3
		50	0	1	20.60	20.56	20.63	20.56	20.94	21.3
	16QAM	1	0	1	20.78	20.62	20.68	20.71	21.02	21.3
		1	24	1	20.75	20.63	20.62	20.56	20.95	21.3
		1	49	1	20.81	20.73	20.90	20.90	21.10	21.3
		25	0	2	19.54	19.55	19.71	19.59	19.92	20.3
		25	12	2	19.65	19.78	19.64	19.76	20.00	20.3
		25	25	2	19.60	19.62	19.60	19.66	19.97	20.3
		50	0	2	19.65	19.60	19.72	19.60	19.97	20.3
	64QAM	1	0	2	19.72	19.88	19.88	19.86	20.09	20.3
		1	24	2	19.54	19.72	19.73	19.59	19.93	20.3
		1	49	2	19.62	19.70	19.72	19.73	19.93	20.3
		25	0	3	18.60	18.68	18.65	18.70	18.96	19.3
		25	12	3	18.86	18.72	18.75	18.86	19.06	19.3
		25	25	3	18.54	18.57	18.71	18.68	18.91	19.3
		50	0	3	18.58	18.72	18.54	18.56	18.93	19.3
	256QAM	1	0	5	16.63	16.74	16.82	16.63	17.02	17.3
		1	24	5	16.53	16.64	16.58	16.55	16.91	17.3
		1	49	5	16.71	16.72	16.61	16.74	16.99	17.3
		25	0	5	16.87	16.68	16.70	16.74	17.07	17.3
		25	12	5	16.80	16.77	16.65	16.83	17.03	17.3
		25	25	5	16.79	16.71	16.75	16.84	17.04	17.3
		50	0	5	16.60	16.62	16.61	16.64	16.91	17.3

Band					LTE Band 41_PC2					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	39675	40148	40620	41093	41565	Tune-up Limit (dBm)
					2498.5	2545.8	2593.0	2640.3	2687.5	
5	QPSK	1	0	0	21.64	21.81	21.76	21.80	22.04	22.3
		1	12	0	21.74	21.72	21.63	21.69	21.96	22.3
		1	24	0	21.87	21.82	21.81	21.84	22.09	22.3
		12	0	1	20.68	20.70	20.78	20.80	21.02	21.3
		12	6	1	20.63	20.52	20.68	20.66	20.90	21.3
		12	13	1	20.53	20.59	20.60	20.64	20.93	21.3
		25	0	1	20.81	20.70	20.73	20.64	21.03	21.3
	16QAM	1	0	1	20.76	20.64	20.67	20.77	20.98	21.3
		1	12	1	20.67	20.62	20.64	20.74	21.00	21.3
		1	24	1	20.73	20.82	20.71	20.76	21.06	21.3
		12	0	2	19.74	19.59	19.75	19.70	19.95	20.3
		12	6	2	19.63	19.65	19.73	19.73	19.99	20.3
		12	13	2	19.83	19.83	19.80	19.71	20.05	20.3
		25	0	2	19.57	19.65	19.68	19.65	19.94	20.3
	64QAM	1	0	2	19.63	19.66	19.69	19.65	19.91	20.3
		1	12	2	19.78	19.75	19.66	19.65	19.98	20.3
		1	24	2	19.72	19.69	19.69	19.67	19.93	20.3
		12	0	3	18.56	18.66	18.67	18.71	18.94	19.3
		12	6	3	18.69	18.74	18.63	18.63	18.98	19.3
		12	13	3	18.85	18.69	18.74	18.79	19.05	19.3
		25	0	3	18.58	18.57	18.69	18.60	18.92	19.3
	256QAM	1	0	5	16.68	16.79	16.81	16.80	17.05	17.3
		1	12	5	16.75	16.60	16.63	16.64	16.99	17.3
		1	24	5	16.74	16.79	16.71	16.88	17.09	17.3
		12	0	5	16.76	16.74	16.87	16.86	17.07	17.3
		12	6	5	16.73	16.84	16.77	16.81	17.10	17.3
		12	13	5	16.66	16.70	16.79	16.81	17.02	17.3
		25	0	5	16.62	16.63	16.58	16.64	16.91	17.3

Band					LTE Band 42			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	43190	43340	43490	Tune-up Limit (dBm)
					3560.0	3575.0	3590.0	
20	QPSK	1	0	0	13.97	13.91	13.98	14
		1	49	0	13.46	13.57	13.79	14
		1	99	0	13.39	13.29	13.66	14
		50	0	1	12.61	12.54	12.91	13
		50	25	1	12.50	12.53	12.76	13
		50	50	1	12.36	12.47	12.67	13
		100	0	1	12.61	12.59	12.86	13
	16QAM	1	0	1	12.29	12.35	12.68	13
		1	49	1	12.37	12.53	12.74	13
		1	99	1	12.42	12.42	12.73	13
		50	0	2	11.38	11.48	11.72	12
		50	25	2	11.40	11.55	11.79	12
		50	50	2	11.23	11.22	11.61	12
		100	0	2	11.37	11.26	11.65	12
	64QAM	1	0	2	11.34	11.25	11.64	12
		1	49	2	11.42	11.32	11.69	12
		1	99	2	11.34	11.24	11.64	12
		50	0	3	10.43	10.41	10.78	11
		50	25	3	10.50	10.42	10.77	11
		50	50	3	10.28	10.32	10.68	11
		100	0	3	10.32	10.30	10.69	11

Band					LTE Band 42			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	43165	43340	43515	Tune-up Limit (dBm)
					3557.5	3575.0	3592.5	
15	QPSK	1	0	0	13.52	13.35	13.75	14
		1	37	0	13.30	13.36	13.64	14
		1	74	0	13.33	13.46	13.68	14
		36	0	1	12.50	12.40	12.79	13
		36	19	1	12.53	12.42	12.77	13
		36	39	1	12.27	12.37	12.62	13
		75	0	1	12.25	12.39	12.60	13
	16QAM	1	0	1	12.36	12.24	12.62	13
		1	37	1	12.39	12.40	12.77	13
		1	74	1	12.38	12.30	12.69	13
		36	0	2	11.36	11.32	11.72	12
		36	19	2	11.31	11.26	11.61	12
		36	39	2	11.44	11.49	11.70	12
		75	0	2	11.43	11.49	11.72	12
	64QAM	1	0	2	11.22	11.38	11.61	12
		1	37	2	11.37	11.36	11.68	12
		1	74	2	11.28	11.22	11.62	12
		36	0	3	10.48	10.39	10.70	11
		36	19	3	10.42	10.51	10.71	11
		36	39	3	10.41	10.42	10.77	11
		75	0	3	10.40	10.36	10.64	11
	256QAM	1	0	5	8.53	8.47	8.79	9
		1	37	5	8.30	8.36	8.66	9
		1	74	5	8.35	8.33	8.69	9
		36	0	5	8.44	8.47	8.68	9
		36	19	5	8.35	8.33	8.70	9
		36	39	5	8.30	8.31	8.70	9
		75	0	5	8.33	8.37	8.71	9

Band					LTE Band 42			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	43140	43340	43540	Tune-up Limit (dBm)
					3555.0	3575.0	3595.0	
10	QPSK	1	0	0	13.47	13.48	13.80	14
		1	24	0	13.37	13.53	13.75	14
		1	49	0	13.46	13.40	13.71	14
		25	0	1	12.40	12.31	12.64	13
		25	12	1	12.41	12.38	12.65	13
		25	25	1	12.47	12.40	12.74	13
		50	0	1	12.40	12.50	12.70	13
	16QAM	1	0	1	12.33	12.40	12.63	13
		1	24	1	12.34	12.39	12.70	13
		1	49	1	12.49	12.51	12.71	13
		25	0	2	11.37	11.29	11.64	12
		25	12	2	11.35	11.50	11.70	12
		25	25	2	11.35	11.32	11.69	12
		50	0	2	11.24	11.39	11.61	12
	64QAM	1	0	2	11.45	11.37	11.66	12
		1	24	2	11.30	11.35	11.66	12
		1	49	2	11.43	11.45	11.68	12
		25	0	3	10.46	10.49	10.70	11
		25	12	3	10.35	10.37	10.74	11
		25	25	3	10.54	10.49	10.76	11
		50	0	3	10.39	10.38	10.61	11
	256QAM	1	0	5	8.50	8.52	8.75	9
		1	24	5	8.54	8.39	8.79	9
		1	49	5	8.41	8.48	8.80	9
		25	0	5	8.45	8.39	8.79	9
		25	12	5	8.43	8.41	8.71	9
		25	25	5	8.31	8.37	8.67	9
		50	0	5	8.31	8.31	8.62	9

Band					LTE Band 42			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	43115	43340	43565	Tune-up Limit (dBm)
					3552.5	3575.0	3597.5	
5	QPSK	1	0	0	13.45	13.37	13.71	14
		1	12	0	13.43	13.33	13.67	14
		1	24	0	13.46	13.44	13.73	14
		12	0	1	12.35	12.31	12.69	13
		12	6	1	12.40	12.30	12.60	13
		12	13	1	12.30	12.44	12.68	13
		25	0	1	12.43	12.28	12.63	13
	16QAM	1	0	1	12.34	12.23	12.61	13
		1	12	1	12.34	12.37	12.74	13
		1	24	1	12.41	12.39	12.64	13
		12	0	2	11.44	11.39	11.75	12
		12	6	2	11.34	11.44	11.70	12
		12	13	2	11.34	11.50	11.71	12
		25	0	2	11.51	11.39	11.78	12
	64QAM	1	0	2	11.34	11.44	11.69	12
		1	12	2	11.50	11.34	11.74	12
		1	24	2	11.53	11.43	11.77	12
		12	0	3	10.38	10.35	10.64	11
		12	6	3	10.53	10.53	10.78	11
		12	13	3	10.46	10.44	10.78	11
		25	0	3	10.47	10.44	10.73	11
	256QAM	1	0	5	8.57	8.39	8.77	9
		1	12	5	8.27	8.42	8.63	9
		1	24	5	8.40	8.33	8.63	9
		12	0	5	8.36	8.25	8.63	9
		12	6	5	8.40	8.46	8.71	9
		12	13	5	8.42	8.46	8.66	9
		25	0	5	8.38	8.29	8.60	9

Band					LTE Band 43			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	44190	44340	44490	Tune-up Limit (dBm)
					3660.0	3675.0	3690.0	
20	QPSK	1	0	0	14.43	14.33	14.39	14.5
		1	49	0	14.30	13.99	13.95	14.5
		1	99	0	14.28	13.92	14.04	14.5
		50	0	1	13.47	13.15	13.11	13.5
		50	25	1	13.13	12.85	12.89	13.5
		50	50	1	13.28	12.94	12.91	13.5
		100	0	1	13.39	13.01	13.13	13.5
	16QAM	1	0	1	13.29	12.93	13.05	13.5
		1	49	1	13.23	12.93	13.02	13.5
		1	99	1	13.27	13.00	12.94	13.5
		50	0	2	12.25	12.05	11.86	12.5
		50	25	2	12.26	11.89	11.92	12.5
		50	50	2	12.23	11.98	12.03	12.5
		100	0	2	12.18	11.83	11.84	12.5
	64QAM	1	0	2	12.28	12.06	11.95	12.5
		1	49	2	12.26	11.96	11.96	12.5
		1	99	2	12.10	11.71	11.80	12.5
		50	0	3	11.24	11.00	10.99	11.5
		50	25	3	11.22	11.02	10.85	11.5
		50	50	3	11.21	10.82	10.93	11.5
		100	0	3	11.20	11.00	10.87	11.5

Band					LTE Band 43			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	44165	44340	44515	Tune-up Limit (dBm)
					3657.5	3675.0	3692.5	
15	QPSK	1	0	0	14.14	13.86	13.94	14.5
		1	37	0	14.25	13.87	13.91	14.5
		1	74	0	14.20	13.81	13.80	14.5
		36	0	1	13.30	12.94	12.99	13.5
		36	19	1	13.22	12.82	12.97	13.5
		36	39	1	13.11	12.88	12.81	13.5
		75	0	1	13.19	12.90	12.98	13.5
	16QAM	1	0	1	13.21	12.83	13.01	13.5
		1	37	1	13.13	12.90	12.87	13.5
		1	74	1	13.12	12.86	12.82	13.5
		36	0	2	12.11	11.72	11.81	12.5
		36	19	2	12.15	11.79	11.86	12.5
		36	39	2	12.17	11.79	11.93	12.5
		75	0	2	12.27	12.01	11.98	12.5
	64QAM	1	0	2	12.10	11.76	11.82	12.5
		1	37	2	12.21	11.87	11.97	12.5
		1	74	2	12.23	11.90	11.98	12.5
		36	0	3	11.27	10.92	10.91	11.5
		36	19	3	11.20	10.89	10.94	11.5
		36	39	3	11.16	10.86	10.93	11.5
		75	0	3	11.27	11.06	10.87	11.5
	256QAM	1	0	5	9.13	8.91	8.86	9.5
		1	37	5	9.13	8.84	8.84	9.5
		1	74	5	9.21	8.86	8.85	9.5
		36	0	5	9.20	8.87	8.91	9.5
		36	19	5	9.21	9.01	8.85	9.5
		36	39	5	9.19	8.91	8.89	9.5
		75	0	5	9.29	9.03	8.97	9.5

Band					LTE Band 43			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	44140	44340	44540	Tune-up Limit (dBm)
					3655.0	3675.0	3695.0	
10	QPSK	1	0	0	14.24	14.04	13.94	14.5
		1	24	0	14.24	13.97	13.95	14.5
		1	49	0	14.14	13.92	13.80	14.5
		25	0	1	13.15	12.82	12.82	13.5
		25	12	1	13.26	12.87	12.96	13.5
		25	25	1	13.25	12.90	12.96	13.5
		50	0	1	13.11	12.73	12.72	13.5
	16QAM	1	0	1	13.22	12.98	12.95	13.5
		1	24	1	13.15	12.81	12.78	13.5
		1	49	1	13.21	12.88	12.84	13.5
		25	0	2	12.30	12.08	12.09	12.5
		25	12	2	12.27	11.94	12.07	12.5
		25	25	2	12.25	11.95	11.95	12.5
		50	0	2	12.28	11.96	12.03	12.5
	64QAM	1	0	2	12.16	11.87	11.96	12.5
		1	24	2	12.12	11.75	11.87	12.5
		1	49	2	12.24	11.92	11.85	12.5
		25	0	3	11.20	10.82	10.95	11.5
		25	12	3	11.15	10.78	10.79	11.5
		25	25	3	11.17	10.91	10.81	11.5
		50	0	3	11.16	10.85	10.93	11.5
	256QAM	1	0	5	9.22	8.89	9.00	9.5
		1	24	5	9.18	8.95	8.96	9.5
		1	49	5	9.24	8.85	8.86	9.5
		25	0	5	9.23	9.00	8.93	9.5
		25	12	5	9.21	8.98	8.91	9.5
		25	25	5	9.19	8.96	8.91	9.5
		50	0	5	9.23	9.01	8.85	9.5

Band					LTE Band 43			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	44115	44340	44565	Tune-up Limit (dBm)
					3652.5	3675.0	3697.5	
5	QPSK	1	0	0	14.21	13.99	13.88	14.5
		1	12	0	14.28	14.03	13.91	14.5
		1	24	0	14.21	13.84	13.88	14.5
		12	0	1	13.21	12.97	12.87	13.5
		12	6	1	13.29	12.92	12.89	13.5
		12	13	1	13.22	12.85	12.88	13.5
		25	0	1	13.30	13.07	12.92	13.5
	16QAM	1	0	1	13.17	12.95	12.93	13.5
		1	12	1	13.29	12.91	12.91	13.5
		1	24	1	13.12	12.85	12.87	13.5
		12	0	2	12.26	11.94	11.87	12.5
		12	6	2	12.18	11.98	11.92	12.5
		12	13	2	12.23	11.90	11.89	12.5
		25	0	2	12.24	11.96	11.84	12.5
	64QAM	1	0	2	12.23	11.86	11.85	12.5
		1	12	2	12.16	11.84	11.95	12.5
		1	24	2	12.29	11.92	12.05	12.5
		12	0	3	11.30	11.05	11.06	11.5
		12	6	3	11.20	10.95	10.84	11.5
		12	13	3	11.25	10.95	10.86	11.5
		25	0	3	11.11	10.78	10.72	11.5
	256QAM	1	0	5	9.22	8.86	9.00	9.5
		1	12	5	9.11	8.79	8.86	9.5
		1	24	5	9.10	8.76	8.87	9.5
		12	0	5	9.20	8.91	8.92	9.5
		12	6	5	9.14	8.93	8.94	9.5
		12	13	5	9.16	8.83	8.76	9.5
		25	0	5	9.28	9.04	8.98	9.5

Band					LTE Band 48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	55340	55773	56207	56640	Tune-up Limit (dBm)
					3560.0	3603.3	3646.7	3690.0	
20	QPSK	1	0	0	14.48	14.42	14.46	13.28	14.5
		1	49	0	14.23	13.93	13.94	13.01	14.5
		1	99	0	14.26	14.01	13.91	12.86	14.5
		50	0	1	13.18	13.09	13.15	12.19	13.5
		50	25	1	13.13	12.83	12.92	11.91	13.5
		50	50	1	13.09	12.75	12.91	11.83	13.5
		100	0	1	13.09	13.01	13.07	12.11	13.5
	16QAM	1	0	1	13.14	12.82	12.74	11.87	13.5
		1	49	1	13.22	12.89	13.00	11.88	13.5
		1	99	1	13.21	12.86	12.84	11.97	13.5
		50	0	2	12.15	11.83	11.77	10.89	12.5
		50	25	2	12.26	11.96	11.93	10.97	12.5
		50	50	2	12.30	11.95	12.10	11.06	12.5
		100	0	2	12.20	11.98	11.81	10.91	12.5
	64QAM	1	0	2	12.28	11.90	12.02	11.07	12.5
		1	49	2	12.16	11.80	11.85	10.95	12.5
		1	99	2	12.12	11.89	11.75	10.88	12.5
		50	0	3	11.28	10.89	11.08	9.98	11.5
		50	25	3	11.26	10.99	10.91	9.95	11.5
		50	50	3	11.21	10.95	10.95	9.98	11.5
		100	0	3	11.12	10.79	10.73	9.78	11.5

Band					LTE Band 48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	55315	55765	56215	56665	Tune-up Limit (dBm)
					3557.5	3602.5	3647.5	3692.5	
15	QPSK	1	0	0	14.20	13.98	13.81	12.99	14.5
		1	37	0	14.21	13.84	13.88	12.96	14.5
		1	74	0	14.20	13.89	13.83	13.00	14.5
		36	0	1	13.29	13.09	12.94	12.09	13.5
		36	19	1	13.22	12.91	12.89	11.96	13.5
		36	39	1	13.14	12.86	12.83	11.83	13.5
		75	0	1	13.30	13.03	12.92	12.00	13.5
	16QAM	1	0	1	13.17	12.77	12.90	11.85	13.5
		1	37	1	13.26	13.00	12.93	12.04	13.5
		1	74	1	13.23	12.95	12.88	11.90	13.5
		36	0	2	12.10	11.77	11.88	10.84	12.5
		36	19	2	12.27	11.99	12.00	10.98	12.5
		36	39	2	12.13	11.80	11.81	10.80	12.5
		75	0	2	12.17	11.88	11.80	10.91	12.5
	64QAM	1	0	2	12.28	11.88	11.94	10.98	12.5
		1	37	2	12.27	11.97	11.94	10.89	12.5
		1	74	2	12.22	11.91	11.88	10.96	12.5
		36	0	3	11.23	10.83	10.96	9.97	11.5
		36	19	3	11.10	10.89	10.84	9.82	11.5
		36	39	3	11.16	10.90	10.85	9.92	11.5
		75	0	3	11.14	10.91	10.91	9.75	11.5
	256QAM	1	0	5	9.23	8.87	8.99	7.83	9.5
		1	37	5	9.17	8.80	8.87	7.92	9.5
		1	74	5	9.17	8.78	8.81	7.83	9.5
		36	0	5	9.13	8.90	8.78	7.84	9.5
		36	19	5	9.10	8.70	8.89	7.74	9.5
		36	39	5	9.17	8.86	8.96	7.97	9.5
		75	0	5	9.15	8.88	8.89	7.83	9.5

Band					LTE Band 48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	55290	55757	56223	56690	Tune-up Limit (dBm)
					3555.0	3601.7	3648.3	3695.0	
10	QPSK	1	0	0	14.23	13.89	14.01	12.87	14.5
		1	24	0	14.11	13.90	13.76	12.73	14.5
		1	49	0	14.11	13.84	13.86	12.89	14.5
		25	0	1	13.12	12.78	12.72	11.78	13.5
		25	12	1	13.22	12.91	12.95	11.96	13.5
		25	25	1	13.19	12.95	12.95	11.87	13.5
		50	0	1	13.13	12.74	12.87	11.75	13.5
	16QAM	1	0	1	13.17	12.94	12.86	11.85	13.5
		1	24	1	13.24	12.98	12.93	12.04	13.5
		1	49	1	13.27	13.00	12.93	12.00	13.5
		25	0	2	12.27	12.03	11.98	10.90	12.5
		25	12	2	12.27	12.06	11.87	10.92	12.5
		25	25	2	12.26	12.02	12.02	10.88	12.5
		50	0	2	12.21	11.82	11.98	10.89	12.5
	64QAM	1	0	2	12.19	11.92	11.82	10.90	12.5
		1	24	2	12.10	11.88	11.79	10.71	12.5
		1	49	2	12.17	11.84	11.90	10.96	12.5
		25	0	3	11.19	10.97	10.82	9.81	11.5
		25	12	3	11.18	10.87	10.85	9.84	11.5
		25	25	3	11.26	10.92	10.97	9.93	11.5
		50	0	3	11.18	10.87	10.88	9.84	11.5
	256QAM	1	0	5	9.22	8.83	9.00	7.99	9.5
		1	24	5	9.19	8.83	8.91	7.96	9.5
		1	49	5	9.16	8.78	8.91	7.84	9.5
		25	0	5	9.22	8.94	8.93	7.84	9.5
		25	12	5	9.14	8.84	8.92	7.92	9.5
		25	25	5	9.14	8.91	8.76	7.79	9.5
		50	0	5	9.24	8.92	8.90	7.93	9.5

Band					LTE Band 48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	55265	55748	56232	56715	Tune-up Limit (dBm)
					3552.5	3600.8	3649.2	3697.5	
5	QPSK	1	0	0	14.28	14.03	14.08	12.94	14.5
		1	12	0	14.23	14.02	13.89	12.90	14.5
		1	24	0	14.30	13.91	13.96	13.07	14.5
		12	0	1	13.28	12.92	13.03	12.05	13.5
		12	6	1	13.27	13.00	13.01	11.96	13.5
		12	13	1	13.19	12.93	12.97	11.80	13.5
		25	0	1	13.27	12.88	12.99	11.90	13.5
	16QAM	1	0	1	13.21	12.94	12.91	12.01	13.5
		1	12	1	13.18	12.98	12.91	11.86	13.5
		1	24	1	13.25	12.90	12.99	12.04	13.5
		12	0	2	12.28	12.05	12.04	11.07	12.5
		12	6	2	12.26	11.91	11.98	10.86	12.5
		12	13	2	12.21	11.96	11.88	11.01	12.5
		25	0	2	12.24	12.01	12.04	10.99	12.5
	64QAM	1	0	2	12.29	12.05	12.04	11.07	12.5
		1	12	2	12.28	11.92	11.91	10.97	12.5
		1	24	2	12.18	11.90	11.98	10.92	12.5
		12	0	3	11.15	10.75	10.84	9.82	11.5
		12	6	3	11.22	10.84	11.00	9.90	11.5
		12	13	3	11.14	10.84	10.94	9.90	11.5
		25	0	3	11.18	10.84	10.92	9.96	11.5
	256QAM	1	0	5	9.20	8.94	8.96	7.92	9.5
		1	12	5	9.23	8.87	8.95	7.99	9.5
		1	24	5	9.22	8.93	8.87	7.96	9.5
		12	0	5	9.30	9.10	9.00	8.03	9.5
		12	6	5	9.20	8.86	8.95	7.98	9.5
		12	13	5	9.16	8.87	8.76	7.80	9.5
		25	0	5	9.18	8.79	8.79	7.78	9.5

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	132072	132322	132572	Tune-up Limit (dBm)
					1720.0	1745.0	1770.0	
20	QPSK	1	0	0	19.09	18.91	19.01	19.1
		1	49	0	18.87	18.50	18.63	19.1
		1	99	0	18.81	18.50	18.51	19.1
		50	0	1	18.08	17.78	17.84	18.1
		50	25	1	17.76	17.43	17.55	18.1
		50	50	1	17.87	17.63	17.64	18.1
		100	0	1	18.02	17.80	17.70	18.1
	16QAM	1	0	1	17.74	17.39	17.42	18.1
		1	49	1	17.83	17.49	17.51	18.1
		1	99	1	17.76	17.41	17.39	18.1
		50	0	2	16.85	16.60	16.58	17.1
		50	25	2	16.75	16.39	16.55	17.1
		50	50	2	16.89	16.59	16.56	17.1
		100	0	2	16.87	16.60	16.51	17.1
	64QAM	1	0	2	16.88	16.50	16.52	17.1
		1	49	2	16.73	16.39	16.46	17.1
		1	99	2	16.72	16.51	16.44	17.1
		50	0	3	15.84	15.58	15.59	16.1
		50	25	3	15.70	15.41	15.44	16.1
		50	50	3	15.70	15.45	15.39	16.1
		100	0	3	15.80	15.40	15.50	16.1

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	132047	132322	132597	Tune-up Limit (dBm)
					1717.5	1745.0	1772.5	
15	QPSK	1	0	0	18.86	18.48	18.48	19.1
		1	37	0	18.71	18.36	18.48	19.1
		1	74	0	18.84	18.64	18.63	19.1
		36	0	1	17.80	17.49	17.43	18.1
		36	19	1	17.74	17.54	17.40	18.1
		36	39	1	17.82	17.51	17.53	18.1
		75	0	1	17.73	17.41	17.49	18.1
	16QAM	1	0	1	17.89	17.57	17.66	18.1
		1	37	1	17.74	17.43	17.36	18.1
		1	74	1	17.82	17.56	17.53	18.1
		36	0	2	16.81	16.55	16.52	17.1
		36	19	2	16.90	16.59	16.51	17.1
		36	39	2	16.77	16.51	16.39	17.1
		75	0	2	16.84	16.54	16.51	17.1
	64QAM	1	0	2	16.87	16.67	16.51	17.1
		1	37	2	16.80	16.50	16.58	17.1
		1	74	2	16.72	16.38	16.42	17.1
		36	0	3	15.75	15.42	15.37	16.1
		36	19	3	15.73	15.34	15.43	16.1
		36	39	3	15.87	15.47	15.54	16.1
		75	0	3	15.80	15.57	15.56	16.1
	256QAM	1	0	5	13.72	13.32	13.43	14.1
		1	37	5	13.77	13.41	13.44	14.1
		1	74	5	13.81	13.42	13.54	14.1
		36	0	5	13.71	13.42	13.49	14.1
		36	19	5	13.72	13.48	13.46	14.1
		36	39	5	13.79	13.56	13.48	14.1
		75	0	5	13.83	13.60	13.47	14.1

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	132022	132322	132622	Tune-up Limit (dBm)
					1715.0	1745.0	1775.0	
10	QPSK	1	0	0	18.74	18.46	18.53	19.1
		1	24	0	18.73	18.40	18.51	19.1
		1	49	0	18.78	18.58	18.50	19.1
		25	0	1	17.71	17.46	17.38	18.1
		25	12	1	17.85	17.52	17.56	18.1
		25	25	1	17.89	17.61	17.51	18.1
		50	0	1	17.89	17.51	17.63	18.1
	16QAM	1	0	1	17.85	17.53	17.53	18.1
		1	24	1	17.89	17.67	17.56	18.1
		1	49	1	17.83	17.55	17.58	18.1
		25	0	2	16.90	16.70	16.61	17.1
		25	12	2	16.86	16.58	16.60	17.1
		25	25	2	16.71	16.39	16.44	17.1
		50	0	2	16.79	16.49	16.45	17.1
	64QAM	1	0	2	16.74	16.44	16.45	17.1
		1	24	2	16.72	16.49	16.48	17.1
		1	49	2	16.72	16.40	16.44	17.1
		25	0	3	15.83	15.52	15.55	16.1
		25	12	3	15.90	15.61	15.59	16.1
		25	25	3	15.86	15.51	15.54	16.1
		50	0	3	15.84	15.49	15.50	16.1
	256QAM	1	0	5	13.83	13.52	13.48	14.1
		1	24	5	13.88	13.56	13.62	14.1
		1	49	5	13.71	13.48	13.46	14.1
		25	0	5	13.79	13.47	13.39	14.1
		25	12	5	13.87	13.54	13.55	14.1
		25	25	5	13.84	13.52	13.56	14.1
		50	0	5	13.76	13.36	13.37	14.1

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	131997	132322	132647	Tune-up Limit (dBm)
					1712.5	1745.0	1777.5	
5	QPSK	1	0	0	18.80	18.55	18.56	19.1
		1	12	0	18.85	18.57	18.58	19.1
		1	24	0	18.75	18.53	18.40	19.1
		12	0	1	17.82	17.45	17.44	18.1
		12	6	1	17.73	17.49	17.40	18.1
		12	13	1	17.73	17.37	17.38	18.1
		25	0	1	17.82	17.46	17.58	18.1
	16QAM	1	0	1	17.88	17.63	17.60	18.1
		1	12	1	17.87	17.62	17.54	18.1
		1	24	1	17.85	17.59	17.52	18.1
		12	0	2	16.71	16.39	16.42	17.1
		12	6	2	16.73	16.49	16.44	17.1
		12	13	2	16.89	16.52	16.52	17.1
		25	0	2	16.75	16.38	16.50	17.1
	64QAM	1	0	2	16.82	16.47	16.51	17.1
		1	12	2	16.78	16.42	16.44	17.1
		1	24	2	16.72	16.34	16.46	17.1
		12	0	3	15.81	15.54	15.45	16.1
		12	6	3	15.81	15.57	15.56	16.1
		12	13	3	15.71	15.46	15.44	16.1
		25	0	3	15.89	15.53	15.64	16.1
	256QAM	1	0	5	13.87	13.56	13.54	14.1
		1	12	5	13.87	13.57	13.65	14.1
		1	24	5	13.78	13.56	13.38	14.1
		12	0	5	13.75	13.39	13.40	14.1
		12	6	5	13.77	13.41	13.52	14.1
		12	13	5	13.74	13.39	13.38	14.1
		25	0	5	13.81	13.60	13.55	14.1

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	131987	132322	132657	Tune-up Limit (dBm)
					1711.5	1745.0	1778.5	
3	QPSK	1	0	0	18.80	18.49	18.42	19.1
		1	7	0	18.83	18.43	18.45	19.1
		1	14	0	18.84	18.47	18.49	19.1
		8	0	1	17.76	17.54	17.56	18.1
		8	3	1	17.86	17.59	17.66	18.1
		8	7	1	17.75	17.46	17.52	18.1
		15	0	1	17.77	17.51	17.43	18.1
	16QAM	1	0	1	17.86	17.50	17.65	18.1
		1	7	1	17.73	17.38	17.39	18.1
		1	14	1	17.85	17.51	17.50	18.1
		8	0	2	16.80	16.52	16.56	17.1
		8	3	2	16.85	16.61	16.49	17.1
		8	7	2	16.79	16.44	16.53	17.1
		15	0	2	16.82	16.53	16.54	17.1
	64QAM	1	0	2	16.90	16.69	16.66	17.1
		1	7	2	16.85	16.50	16.46	17.1
		1	14	2	16.71	16.50	16.38	17.1
		8	0	3	15.83	15.51	15.50	16.1
		8	3	3	15.86	15.66	15.66	16.1
		8	7	3	15.70	15.31	15.34	16.1
		15	0	3	15.89	15.58	15.67	16.1
	256QAM	1	0	5	13.79	13.55	13.44	14.1
		1	7	5	13.75	13.38	13.55	14.1
		1	14	5	13.83	13.53	13.59	14.1
		8	0	5	13.78	13.51	13.45	14.1
		8	3	5	13.89	13.60	13.51	14.1
		8	7	5	13.70	13.32	13.33	14.1
		15	0	5	13.87	13.65	13.59	14.1

Band					LTE Band 66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	131979	132322	132665	Tune-up Limit (dBm)
					1710.7	1745.0	1779.3	
1.4	QPSK	1	0	0	18.72	18.46	18.34	19.1
		1	2	0	18.85	18.60	18.54	19.1
		1	5	0	18.78	18.40	18.42	19.1
		3	0	0	18.73	18.47	18.48	19.1
		3	1	0	18.86	18.65	18.55	19.1
		3	3	0	18.83	18.54	18.51	19.1
		6	0	1	17.82	17.50	17.60	18.1
	16QAM	1	0	1	17.83	17.44	17.58	18.1
		1	2	1	17.87	17.65	17.62	18.1
		1	5	1	17.73	17.40	17.43	18.1
		3	0	1	17.90	17.55	17.53	18.1
		3	1	1	17.82	17.56	17.61	18.1
		3	3	1	17.73	17.43	17.47	18.1
		6	0	2	16.82	16.56	16.60	17.1
	64QAM	1	0	2	16.76	16.52	16.40	17.1
		1	2	2	16.85	16.58	16.52	17.1
		1	5	2	16.80	16.45	16.57	17.1
		3	0	2	16.89	16.62	16.50	17.1
		3	1	2	16.88	16.65	16.63	17.1
		3	3	2	16.84	16.51	16.53	17.1
		6	0	3	15.84	15.44	15.55	16.1
	256QAM	1	0	5	13.70	13.44	13.43	14.1
		1	2	5	13.76	13.48	13.42	14.1
		1	5	5	13.81	13.41	13.49	14.1
		3	0	5	13.87	13.51	13.64	14.1
		3	1	5	13.87	13.59	13.50	14.1
		3	3	5	13.77	13.52	13.52	14.1
		6	0	5	13.74	13.45	13.44	14.1

Band					LTE Band 71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133222	133322	133372	Tune-up Limit (dBm)
					673.0	683.0	688.0	
20	QPSK	1	0	0	23.99	23.94	23.95	24
		1	49	0	23.96	23.83	23.80	24
		1	99	0	23.91	23.79	23.74	24
		50	0	1	22.96	22.86	22.82	23
		50	25	1	22.93	22.86	22.81	23
		50	50	1	22.90	22.89	22.78	23
		100	0	1	22.95	22.75	22.92	23
	16QAM	1	0	1	22.66	22.53	22.60	23
		1	49	1	22.69	22.56	22.63	23
		1	99	1	22.70	22.52	22.52	23
		50	0	2	21.71	21.70	21.35	22
		50	25	2	21.67	21.70	21.52	22
		50	50	2	21.56	21.57	21.40	22
		100	0	2	21.58	21.55	21.31	22
	64QAM	1	0	2	21.59	21.60	21.47	22
		1	49	2	21.54	21.60	21.46	22
		1	99	2	21.57	21.66	21.41	22
		50	0	3	20.83	20.94	20.67	21
		50	25	3	20.74	20.76	20.48	21
		50	50	3	20.84	20.75	20.58	21
		100	0	3	20.87	20.84	20.61	21

Band					LTE Band 71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133197	133297	133397	Tune-up Limit (dBm)
					670.5	680.5	690.5	
15	QPSK	1	0	0	23.97	23.86	23.92	24
		1	37	0	23.92	23.81	23.83	24
		1	74	0	23.81	23.81	23.81	24
		36	0	1	22.93	22.93	22.85	23
		36	19	1	22.83	22.82	22.84	23
		36	39	1	22.86	22.90	22.73	23
		75	0	1	22.92	22.80	22.87	23
	16QAM	1	0	1	22.68	22.63	22.62	23
		1	37	1	22.63	22.61	22.66	23
		1	74	1	22.68	22.46	22.53	23
		36	0	2	21.68	21.75	21.44	22
		36	19	2	21.62	21.64	21.47	22
		36	39	2	21.59	21.57	21.39	22
		75	0	2	21.60	21.57	21.30	22
	64QAM	1	0	2	21.65	21.58	21.43	22
		1	37	2	21.54	21.62	21.38	22
		1	74	2	21.61	21.68	21.46	22
		36	0	3	20.80	20.93	20.70	21
		36	19	3	20.79	20.82	20.53	21
		36	39	3	20.82	20.83	20.57	21
		75	0	3	20.88	20.91	20.69	21
	256QAM	1	0	5	18.70	18.35	18.53	19
		1	37	5	18.78	18.33	18.50	19
		1	74	5	18.70	18.22	18.46	19
		36	0	5	18.67	18.33	18.41	19
		36	19	5	18.65	18.25	18.37	19
		36	39	5	18.55	18.11	18.41	19
		75	0	5	18.82	18.40	18.62	19

Band					LTE Band 71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133172	133272	133422	Tune-up Limit (dBm)
					668.0	678.0	693.0	
10	QPSK	1	0	0	23.94	23.86	23.89	24
		1	24	0	23.90	23.82	23.82	24
		1	49	0	23.86	23.73	23.77	24
		25	0	1	22.90	22.95	22.81	23
		25	12	1	22.91	22.84	22.80	23
		25	25	1	22.87	22.85	22.81	23
		50	0	1	22.87	22.76	22.90	23
	16QAM	1	0	1	22.69	22.56	22.61	23
		1	24	1	22.69	22.61	22.66	23
		1	49	1	22.68	22.49	22.58	23
		25	0	2	21.76	21.68	21.45	22
		25	12	2	21.66	21.71	21.45	22
		25	25	2	21.57	21.53	21.40	22
		50	0	2	21.60	21.56	21.35	22
	64QAM	1	0	2	21.67	21.57	21.45	22
		1	24	2	21.63	21.63	21.41	22
		1	49	2	21.55	21.59	21.40	22
		25	0	3	20.87	20.84	20.65	21
		25	12	3	20.82	20.84	20.54	21
		25	25	3	20.80	20.79	20.52	21
		50	0	3	20.91	20.86	20.59	21
	256QAM	1	0	5	18.70	18.32	18.56	19
		1	24	5	18.80	18.33	18.49	19
		1	49	5	18.70	18.27	18.46	19
		25	0	5	18.70	18.32	18.43	19
		25	12	5	18.58	18.23	18.42	19
		25	25	5	18.45	18.08	18.35	19
		50	0	5	18.83	18.38	18.68	19

Band					LTE Band 71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133147	133247	133447	Tune-up Limit (dBm)
					665.5	675.5	695.5	
5	QPSK	1	0	0	23.98	23.84	23.95	24
		1	12	0	23.93	23.85	23.82	24
		1	24	0	23.82	23.80	23.80	24
		12	0	1	22.88	22.89	22.88	23
		12	6	1	22.88	22.82	22.82	23
		12	13	1	22.86	22.88	22.79	23
		25	0	1	22.94	22.81	22.92	23
	16QAM	1	0	1	22.67	22.55	22.59	23
		1	12	1	22.69	22.61	22.66	23
		1	24	1	22.62	22.55	22.58	23
		12	0	2	21.73	21.77	21.37	22
		12	6	2	21.68	21.73	21.52	22
		12	13	2	21.60	21.60	21.46	22
		25	0	2	21.64	21.60	21.35	22
	64QAM	1	0	2	21.62	21.61	21.44	22
		1	12	2	21.62	21.65	21.39	22
		1	24	2	21.57	21.63	21.47	22
		12	0	3	20.83	20.93	20.72	21
		12	6	3	20.79	20.76	20.56	21
		12	13	3	20.78	20.79	20.56	21
		25	0	3	20.92	20.85	20.61	21
	256QAM	1	0	5	18.73	18.37	18.56	19
		1	12	5	18.82	18.40	18.47	19
		1	24	5	18.67	18.19	18.48	19
		12	0	5	18.66	18.33	18.40	19
		12	6	5	18.57	18.28	18.37	19
		12	13	5	18.48	18.07	18.41	19
		25	0	5	18.84	18.42	18.68	19

<SCS 15 KHz>

Band					5GNR n2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	372000	376000	380000	Tune-up Limit (dBm)
					1860.0	1880.0	1900.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	18.15	17.88	17.92	18.5
		1	53	0	18.19	17.90	17.99	18.5
		1	104	0	18.16	17.86	17.96	18.5
		50	0	0.5	17.72	17.48	17.42	18
		50	28	0	18.30	18.03	18.03	18.5
		50	56	0.5	17.67	17.44	17.43	18
		100	0	0.5	17.62	17.42	17.32	18
	DFT-S QPSK	1	1	0	18.49	18.46	18.41	18.5
		1	53	0	18.18	17.92	17.97	18.5
		1	104	0	18.16	17.93	17.94	18.5
		50	0	1	17.13	16.86	16.89	17.5
		50	28	0	18.41	18.18	18.15	18.5
		50	56	1	17.15	16.94	16.94	17.5
		100	0	1	17.48	17.23	17.28	17.5
	DFT-S 16QAM	1	1	1	17.29	17.05	17.08	17.5
	DFT-S 64QAM	1	1	2.5	15.63	15.41	15.38	16
	DFT-S 256QAM	1	1	4.5	13.78	13.51	13.53	14
	CP QPSK	1	1	1.5	16.80	16.54	16.50	17

Band					5GNR n2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	371500	376000	380500	Tune-up Limit (dBm)
					1857.5	1880.0	1902.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	18.17	17.90	17.94	18.5
		1	40	0	18.12	17.88	17.87	18.5
		1	77	0	18.11	17.89	17.90	18.5
		36	0	0.5	17.69	17.41	17.41	18
		36	22	0	18.11	17.88	17.86	18.5
		36	43	0.5	17.72	17.44	17.52	18
		75	0	0.5	17.64	17.36	17.41	18
	DFT-S QPSK	1	1	0	18.17	17.87	17.94	18.5
		1	40	0	18.22	18.00	17.98	18.5
		1	77	0	18.14	17.86	17.87	18.5
		36	0	1	17.26	17.05	16.96	17.5
		36	22	0	18.27	18.01	17.97	18.5
		36	43	1	17.12	16.87	16.87	17.5
		75	0	1	17.21	16.92	16.91	17.5
	DFT-S 16QAM	1	1	1	17.26	17.04	17.05	17.5
	DFT-S 64QAM	1	1	2.5	15.72	15.42	15.44	16
	DFT-S 256QAM	1	1	4.5	13.63	13.34	13.40	14
	CP QPSK	1	1	1.5	16.64	16.41	16.35	17

Band					5GNR n2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	371000	376000	381000	Tune-up Limit (dBm)
					1855.0	1880.0	1905.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	18.17	17.89	17.88	18.5
		1	26	0	18.21	18.01	17.94	18.5
		1	50	0	18.11	17.85	17.88	18.5
		25	0	0.5	17.63	17.41	17.42	18
		25	14	0	18.21	18.00	17.94	18.5
		25	27	0.5	17.67	17.41	17.38	18
		50	0	0.5	17.73	17.46	17.43	18
	DFT-S QPSK	1	1	0	18.22	17.95	17.94	18.5
		1	26	0	18.14	17.84	17.93	18.5
		1	50	0	18.22	17.98	18.01	18.5
		25	0	1	17.16	16.90	16.92	17.5
		25	14	0	18.19	17.95	17.92	18.5
		25	27	1	17.18	16.98	16.97	17.5
		50	0	1	17.26	17.04	16.97	17.5
	DFT-S 16QAM	1	1	1	17.12	16.90	16.87	17.5
	DFT-S 64QAM	1	1	2.5	15.72	15.51	15.48	16
	DFT-S 256QAM	1	1	4.5	13.71	13.47	13.50	14
	CP QPSK	1	1	1.5	16.72	16.46	16.47	17

Band					5GNR n2			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	370500	376000	381500	Tune-up Limit (dBm)
					1852.5	1880.0	1907.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	18.13	17.91	17.93	18.5
		1	13	0	18.24	17.94	17.97	18.5
		1	23	0	18.13	17.84	17.84	18.5
		12	0	0.5	17.66	17.36	17.37	18
		12	7	0	18.26	17.96	18.06	18.5
		12	13	0.5	17.67	17.39	17.37	18
		25	0	0.5	17.76	17.52	17.56	18
	DFT-S QPSK	1	1	0	18.15	17.92	17.88	18.5
		1	13	0	18.21	18.01	18.00	18.5
		1	23	0	18.13	17.90	17.86	18.5
		12	0	1	17.29	17.01	17.07	17.5
		12	7	0	18.30	18.05	18.01	18.5
		12	13	1	17.13	16.91	16.90	17.5
		25	0	1	17.20	16.93	16.99	17.5
	DFT-S 16QAM	1	1	1	17.15	16.88	16.85	17.5
	DFT-S 64QAM	1	1	2.5	15.71	15.42	15.42	16
	DFT-S 256QAM	1	1	4.5	13.78	13.57	13.53	14
	CP QPSK	1	1	1.5	16.63	16.43	16.43	17

Band					5GNR n5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	166800	167300	167800	Tune-up Limit (dBm)
					834.0	836.5	839.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	21.60	21.34	21.35	22.00
		1	53	0	21.58	21.38	21.37	22.00
		1	104	0	21.54	21.33	21.24	22.00
		50	0	0.5	21.18	20.90	20.89	21.50
		50	28	0	21.68	21.46	21.48	22.00
		50	56	0.5	21.09	20.83	20.88	21.50
		100	0	0.5	21.09	20.85	20.84	21.50
	DFT-S QPSK	1	1	0	21.89	21.81	21.79	22.00
		1	53	0	21.56	21.35	21.27	22.00
		1	104	0	21.55	21.35	21.35	22.00
		50	0	1	20.69	20.40	20.40	21.00
		50	28	0	21.85	21.65	21.58	22.00
		50	56	1	20.58	20.33	20.32	21.00
		100	0	1	20.87	20.59	20.59	21.00
	DFT-S 16QAM	1	1	1	20.63	20.33	20.37	21.00
	DFT-S 64QAM	1	1	2.5	19.19	18.99	18.93	19.50
	DFT-S 256QAM	1	1	4.5	17.02	16.79	16.82	17.50
	CP QPSK	1	1	1.5	20.18	19.96	19.93	20.50

Band					5GNR n5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	166300	167300	168300	Tune-up Limit (dBm)
					831.5	836.5	841.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	21.53	21.31	21.33	22.00
		1	40	0	21.60	21.32	21.40	22.00
		1	77	0	21.70	21.44	21.44	22.00
		36	0	0.5	21.10	20.86	20.89	21.50
		36	22	0	21.50	21.27	21.21	22.00
		36	43	0.5	21.20	20.99	20.99	21.50
		75	0	0.5	21.05	20.76	20.80	21.50
	DFT-S QPSK	1	1	0	21.52	21.29	21.30	22.00
		1	40	0	21.70	21.40	21.40	22.00
		1	77	0	21.57	21.36	21.29	22.00
		36	0	1	20.59	20.31	20.36	21.00
		36	22	0	21.65	21.41	21.44	22.00
		36	43	1	20.70	20.45	20.49	21.00
		75	0	1	20.59	20.32	20.38	21.00
	DFT-S 16QAM	1	1	1	20.63	20.39	20.33	21.00
	DFT-S 64QAM	1	1	2.5	19.11	18.82	18.84	19.50
	DFT-S 256QAM	1	1	4.5	17.03	16.74	16.81	17.50
	CP QPSK	1	1	1.5	20.10	19.81	19.87	20.50

Band					5G NR n5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	165800	167300	168800	Tune-up Limit (dBm)
					829.0	836.5	844.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	21.50	21.29	21.26	22.00
		1	26	0	21.70	21.42	21.46	22.00
		1	50	0	21.59	21.38	21.30	22.00
		25	0	0.5	21.07	20.79	20.78	21.50
		25	14	0	21.53	21.25	21.28	22.00
		25	27	0.5	21.07	20.84	20.86	21.50
		50	0	0.5	21.14	20.85	20.90	21.50
	DFT-S QPSK	1	1	0	21.68	21.44	21.42	22.00
		1	26	0	21.69	21.45	21.41	22.00
		1	50	0	21.66	21.45	21.40	22.00
		25	0	1	20.51	20.24	20.21	21.00
		25	14	0	21.64	21.39	21.40	22.00
		25	27	1	20.62	20.38	20.34	21.00
		50	0	1	20.65	20.44	20.43	21.00
	DFT-S 16QAM	1	1	1	20.64	20.43	20.40	21.00
	DFT-S 64QAM	1	1	2.5	19.05	18.80	18.76	19.50
	DFT-S 256QAM	1	1	4.5	17.17	16.92	16.87	17.50
	CP QPSK	1	1	1.5	20.16	19.96	19.94	20.50

Band					5G NR n5			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	165300	167300	169300	Tune-up Limit (dBm)
					826.5	836.5	846.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	21.54	21.31	21.26	22.00
		1	13	0	21.52	21.23	21.24	22.00
		1	23	0	21.51	21.21	21.23	22.00
		12	0	0.5	21.20	20.93	20.93	21.50
		12	7	0	21.63	21.39	21.35	22.00
		12	13	0.5	21.08	20.87	20.78	21.50
		25	0	0.5	21.05	20.75	20.83	21.50
	DFT-S QPSK	1	1	0	21.68	21.43	21.44	22.00
		1	13	0	21.50	21.21	21.24	22.00
		1	23	0	21.60	21.35	21.32	22.00
		12	0	1	20.68	20.46	20.40	21.00
		12	7	0	21.65	21.40	21.39	22.00
		12	13	1	20.55	20.35	20.34	21.00
		25	0	1	20.63	20.38	20.43	21.00
	DFT-S 16QAM	1	1	1	20.54	20.34	20.25	21.00
	DFT-S 64QAM	1	1	2.5	19.10	18.88	18.80	19.50
	DFT-S 256QAM	1	1	4.5	17.00	16.73	16.75	17.50
	CP QPSK	1	1	1.5	20.14	19.85	19.87	20.50

Band					5G NR n7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	502000	507000	512000	Tune-up Limit (dBm)
					2510.0	2535.0	2560.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	16.38	16.11	16.08	16.60
		1	53	0	16.35	16.06	16.14	16.60
		1	104	0	16.32	16.11	16.05	16.60
		50	0	0.5	15.86	15.65	15.57	16.10
		50	28	0	16.37	16.14	16.13	16.60
		50	56	0.5	15.87	15.58	15.58	16.10
		100	0	0.5	15.74	15.51	15.54	16.10
	DFT-S QPSK	1	1	0	16.57	16.52	16.51	16.60
		1	53	0	16.21	15.96	15.94	16.60
		1	104	0	16.25	16.05	15.97	16.60
		50	0	1	15.28	15.04	15.02	15.60
		50	28	0	16.51	16.21	16.31	16.60
		50	56	1	15.37	15.11	15.09	15.60
		100	0	1	15.54	15.24	15.29	15.60
	DFT-S 16QAM	1	1	1	15.24	14.96	14.94	15.60
	DFT-S 64QAM	1	1	2.5	13.76	13.49	13.51	14.10
	DFT-S 256QAM	1	1	4.5	11.84	11.54	11.57	12.10
	CP QPSK	1	1	1.5	14.86	14.57	14.61	15.10

下修0.2 下修0.2 下修0.2

Band					5G NR n7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	501500	507000	512500	Tune-up Limit (dBm)
					2507.5	2535.0	2562.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	16.26	15.99	15.96	16.60
		1	40	0	16.29	16.00	16.08	16.60
		1	77	0	16.33	16.09	16.10	16.60
		36	0	0.5	15.79	15.58	15.51	16.10
		36	22	0	16.31	16.05	16.07	16.60
		36	43	0.5	15.70	15.42	15.45	16.10
		75	0	0.5	15.73	15.43	15.45	16.10
	DFT-S QPSK	1	1	0	16.28	15.98	15.98	16.60
		1	40	0	16.24	15.96	15.97	16.60
		1	77	0	16.34	16.04	16.10	16.60
		36	0	1	15.26	14.96	14.97	15.60
		36	22	0	16.26	16.04	16.04	16.60
		36	43	1	15.25	15.03	14.95	15.60
		75	0	1	15.21	14.93	14.92	15.60
	DFT-S 16QAM	1	1	1	15.33	15.06	15.10	15.60
	DFT-S 64QAM	1	1	2.5	13.70	13.41	13.44	14.10
	DFT-S 256QAM	1	1	4.5	11.75	11.49	11.49	12.10
	CP QPSK	1	1	1.5	14.74	14.53	14.45	15.10

Band					5G NR n7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	501000	507000	513000	Tune-up Limit (dBm)
					2505.0	2535.0	2565.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	16.39	16.12	16.15	16.60
		1	26	0	16.29	16.00	16.03	16.60
		1	50	0	16.35	16.05	16.07	16.60
		25	0	0.5	15.89	15.66	15.59	16.10
		25	14	0	16.32	16.04	16.09	16.60
		25	27	0.5	15.89	15.63	15.64	16.10
		50	0	0.5	15.79	15.49	15.53	16.10
	DFT-S QPSK	1	1	0	16.36	16.13	16.11	16.60
		1	26	0	16.23	15.95	15.97	16.60
		1	50	0	16.40	16.14	16.15	16.60
		25	0	1	15.22	15.01	14.97	15.60
		25	14	0	16.39	16.16	16.16	16.60
		25	27	1	15.37	15.09	15.08	15.60
		50	0	1	15.26	15.06	14.97	15.60
	DFT-S 16QAM	1	1	1	15.40	15.14	15.18	15.60
	DFT-S 64QAM	1	1	2.5	13.84	13.62	13.63	14.10
	DFT-S 256QAM	1	1	4.5	11.84	11.57	11.55	12.10
	CP QPSK	1	1	1.5	14.76	14.49	14.52	15.10

Band					5G NR n7			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	500500	507000	513500	Tune-up Limit (dBm)
					2502.5	2535.0	2567.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	16.27	16.02	16.05	16.60
		1	13	0	16.24	15.96	16.03	16.60
		1	23	0	16.22	16.01	15.97	16.60
		12	0	0.5	15.76	15.56	15.53	16.10
		12	7	0	16.29	16.08	16.01	16.60
		12	13	0.5	15.81	15.52	15.61	16.10
		25	0	0.5	15.82	15.57	15.55	16.10
	DFT-S QPSK	1	1	0	16.26	16.03	16.00	16.60
		1	13	0	16.21	15.99	16.01	16.60
		1	23	0	16.33	16.05	16.03	16.60
		12	0	1	15.25	14.97	14.96	15.60
		12	7	0	16.39	16.12	16.17	16.60
		12	13	1	15.39	15.15	15.15	15.60
		25	0	1	15.28	14.99	15.07	15.60
	DFT-S 16QAM	1	1	1	15.29	15.07	14.99	15.60
	DFT-S 64QAM	1	1	2.5	13.77	13.56	13.56	14.10
	DFT-S 256QAM	1	1	4.5	11.72	11.50	11.46	12.10
	CP QPSK	1	1	1.5	14.72	14.49	14.43	15.10

Band					5GNR n25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	372000	376500	381000	Tune-up Limit (dBm)
					1860.0	1882.5	1905.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	17.46	17.17	17.18	17.80
		1	53	0	17.41	17.14	17.19	17.80
		1	104	0	17.50	17.28	17.27	17.80
		50	0	0.5	17.07	16.84	16.83	17.30
		50	28	0	17.50	17.22	17.29	17.80
		50	56	0.5	16.91	16.63	16.66	17.30
		100	0	0.5	16.97	16.72	16.76	17.30
	DFT-S QPSK	1	1	0	17.79	17.72	17.76	17.80
		1	53	0	17.53	17.23	17.30	17.80
		1	104	0	17.45	17.17	17.18	17.80
		50	0	1	16.60	16.39	16.35	16.80
		50	28	0	17.62	17.40	17.32	17.80
		50	56	1	16.56	16.31	16.29	16.80
		100	0	1	16.62	16.37	16.32	16.80
	DFT-S 16QAM	1	1	1	16.46	16.23	16.21	16.80
	DFT-S 64QAM	1	1	2.5	14.93	14.67	14.70	15.30
	DFT-S 256QAM	1	1	4.5	12.99	12.73	12.74	13.30
	CP QPSK	1	1	1.5	15.94	15.73	15.66	16.30

Band					5GNR n25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	371500	376500	381500	Tune-up Limit (dBm)
					1857.5	1882.5	1907.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	17.42	17.14	17.16	17.80
		1	40	0	17.54	17.30	17.29	17.80
		1	77	0	17.45	17.22	17.15	17.80
		36	0	0.5	16.95	16.67	16.71	17.30
		36	22	0	17.49	17.27	17.21	17.80
		36	43	0.5	17.07	16.84	16.86	17.30
		75	0	0.5	17.08	16.82	16.85	17.30
	DFT-S QPSK	1	1	0	17.59	17.32	17.31	17.80
		1	40	0	17.53	17.24	17.32	17.80
		1	77	0	17.60	17.37	17.37	17.80
		36	0	1	16.58	16.29	16.35	16.80
		36	22	0	17.52	17.31	17.26	17.80
		36	43	1	16.45	16.19	16.17	16.80
		75	0	1	16.57	16.37	16.27	16.80
	DFT-S 16QAM	1	1	1	16.41	16.17	16.21	16.80
	DFT-S 64QAM	1	1	2.5	15.03	14.83	14.78	15.30
	DFT-S 256QAM	1	1	4.5	13.01	12.71	12.75	13.30
	CP QPSK	1	1	1.5	16.00	15.78	15.77	16.30

Band					5G NR n25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	371000	376500	382000	Tune-up Limit (dBm)
					1855.0	1882.5	1910.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	17.43	17.22	17.17	17.80
		1	26	0	17.49	17.24	17.23	17.80
		1	50	0	17.46	17.18	17.21	17.80
		25	0	0.5	16.99	16.78	16.75	17.30
		25	14	0	17.41	17.13	17.20	17.80
		25	27	0.5	17.07	16.77	16.78	17.30
		50	0	0.5	16.94	16.66	16.67	17.30
	DFT-S QPSK	1	1	0	17.43	17.22	17.19	17.80
		1	26	0	17.55	17.32	17.28	17.80
		1	50	0	17.50	17.21	17.29	17.80
		25	0	1	16.45	16.22	16.23	16.80
		25	14	0	17.44	17.20	17.24	17.80
		25	27	1	16.60	16.32	16.30	16.80
		50	0	1	16.47	16.21	16.24	16.80
	DFT-S 16QAM	1	1	1	16.41	16.19	16.16	16.80
	DFT-S 64QAM	1	1	2.5	15.07	14.85	14.87	15.30
	DFT-S 256QAM	1	1	4.5	12.92	12.70	12.71	13.30
	CP QPSK	1	1	1.5	15.99	15.69	15.70	16.30

Band					5G NR n25			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	370500	376500	382500	Tune-up Limit (dBm)
					1852.5	1882.5	1912.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	17.44	17.14	17.20	17.80
		1	13	0	17.56	17.32	17.28	17.80
		1	23	0	17.55	17.30	17.30	17.80
		12	0	0.5	16.94	16.66	16.71	17.30
		12	7	0	17.58	17.28	17.32	17.80
		12	13	0.5	17.07	16.85	16.77	17.30
		25	0	0.5	16.92	16.62	16.72	17.30
	DFT-S QPSK	1	1	0	17.47	17.19	17.21	17.80
		1	13	0	17.48	17.27	17.24	17.80
		1	23	0	17.52	17.31	17.31	17.80
		12	0	1	16.56	16.36	16.32	16.80
		12	7	0	17.55	17.30	17.27	17.80
		12	13	1	16.54	16.31	16.24	16.80
		25	0	1	16.50	16.24	16.26	16.80
	DFT-S 16QAM	1	1	1	16.49	16.25	16.24	16.80
	DFT-S 64QAM	1	1	2.5	14.96	14.72	14.76	15.30
	DFT-S 256QAM	1	1	4.5	13.09	12.84	12.80	13.30
	CP QPSK	1	1	1.5	15.97	15.70	15.76	16.30

Band					5GNR n66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	344000	349000	354000	Tune-up Limit (dBm)
					1720.0	1745.0	1770.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	19.74	19.54	19.50	20.00
		1	53	0	19.75	19.47	19.54	20.00
		1	104	0	19.64	19.34	19.38	20.00
		50	0	0.5	19.27	19.06	18.99	19.50
		50	28	0	19.61	19.35	19.34	20.00
		50	56	0.5	19.23	19.03	19.02	19.50
		100	0	0.5	19.19	18.94	18.98	19.50
	DFT-S QPSK	1	1	0	19.91	19.75	19.89	20.00
		1	53	0	19.76	19.54	19.47	20.00
		1	104	0	19.76	19.54	19.47	20.00
		50	0	1	18.65	18.40	18.38	19.00
		50	28	0	19.78	19.58	19.53	20.00
		50	56	1	18.79	18.50	18.56	19.00
		100	0	1	18.72	18.50	18.51	19.00
	DFT-S 16QAM	1	1	1	18.64	18.34	18.37	19.00
	DFT-S 64QAM	1	1	2.5	17.18	16.93	16.93	17.50
	DFT-S 256QAM	1	1	4.5	15.10	14.86	14.83	15.50
	CP QPSK	1	1	1.5	18.13	17.90	17.83	18.50

Band					5GNR n66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	343500	349000	354500	Tune-up Limit (dBm)
					1717.5	1745.0	1772.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	19.79	19.55	19.53	20.00
		1	40	0	19.66	19.44	19.44	20.00
		1	77	0	19.63	19.33	19.39	20.00
		36	0	0.5	19.26	19.03	19.06	19.50
		36	22	0	19.77	19.51	19.56	20.00
		36	43	0.5	19.30	19.00	19.01	19.50
		75	0	0.5	19.29	19.04	19.04	19.50
	DFT-S QPSK	1	1	0	19.70	19.43	19.45	20.00
		1	40	0	19.78	19.54	19.52	20.00
		1	77	0	19.61	19.32	19.32	20.00
		36	0	1	18.72	18.43	18.45	19.00
		36	22	0	19.73	19.44	19.49	20.00
		36	43	1	18.76	18.52	18.47	19.00
		75	0	1	18.77	18.51	18.47	19.00
	DFT-S 16QAM	1	1	1	18.61	18.34	18.36	19.00
	DFT-S 64QAM	1	1	2.5	17.19	16.97	16.97	17.50
	DFT-S 256QAM	1	1	4.5	15.10	14.81	14.84	15.50
	CP QPSK	1	1	1.5	18.29	18.00	18.01	18.50

Band					5GNR n66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	343000	349000	355000	Tune-up Limit (dBm)
					1715.0	1745.0	1775.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	19.72	19.45	19.43	20.00
		1	26	0	19.77	19.51	19.53	20.00
		1	50	0	19.66	19.44	19.39	20.00
		25	0	0.5	19.28	19.05	19.02	19.50
		25	14	0	19.70	19.49	19.47	20.00
		25	27	0.5	19.27	19.01	19.00	19.50
		50	0	0.5	19.23	18.96	18.94	19.50
	DFT-S QPSK	1	1	0	19.62	19.34	19.41	20.00
		1	26	0	19.75	19.46	19.55	20.00
		1	50	0	19.61	19.40	19.37	20.00
		25	0	1	18.80	18.51	18.53	19.00
		25	14	0	19.73	19.52	19.49	20.00
		25	27	1	18.63	18.33	18.40	19.00
		50	0	1	18.62	18.32	18.39	19.00
	DFT-S 16QAM	1	1	1	18.74	18.49	18.50	19.00
	DFT-S 64QAM	1	1	2.5	17.19	16.91	16.98	17.50
	DFT-S 256QAM	1	1	4.5	15.17	14.94	14.87	15.50
	CP QPSK	1	1	1.5	18.23	17.95	18.03	18.50

Band					5GNR n66			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	342500	349000	355500	Tune-up Limit (dBm)
					1712.5	1745.0	1777.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	19.64	19.42	19.34	20.00
		1	13	0	19.72	19.45	19.49	20.00
		1	23	0	19.66	19.46	19.42	20.00
		12	0	0.5	19.22	18.94	18.99	19.50
		12	7	0	19.76	19.55	19.49	20.00
		12	13	0.5	19.18	18.95	18.89	19.50
		25	0	0.5	19.18	18.92	18.93	19.50
	DFT-S QPSK	1	1	0	19.61	19.39	19.39	20.00
		1	13	0	19.66	19.45	19.41	20.00
		1	23	0	19.61	19.36	19.31	20.00
		12	0	1	18.73	18.50	18.50	19.00
		12	7	0	19.77	19.54	19.47	20.00
		12	13	1	18.69	18.48	18.43	19.00
		25	0	1	18.63	18.35	18.36	19.00
	DFT-S 16QAM	1	1	1	18.73	18.44	18.44	19.00
	DFT-S 64QAM	1	1	2.5	17.11	16.82	16.90	17.50
	DFT-S 256QAM	1	1	4.5	15.27	15.06	15.00	15.50
	CP QPSK	1	1	1.5	18.18	17.98	17.90	18.50

Band					5GNR n71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	134600	136100	137600	Tune-up Limit (dBm)
					673.0	680.5	688.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	22.89	22.68	22.62	23.20
		1	53	0	22.85	22.63	22.57	23.20
		1	104	0	23.00	22.77	22.70	23.20
		50	0	0.5	22.35	22.06	22.13	22.70
		50	28	0	22.91	22.64	22.62	23.20
		50	56	0.5	22.34	22.14	22.07	22.70
		100	0	0.5	22.35	22.13	22.14	22.70
	DFT-S QPSK	1	1	0	23.19	23.15	23.09	23.20
		1	53	0	22.98	22.73	22.71	23.20
		1	104	0	22.90	22.66	22.60	23.20
		50	0	1	21.82	21.52	21.55	22.20
		50	28	0	23.15	22.93	22.95	23.20
		50	56	1	21.96	21.71	21.74	22.20
		100	0	1	21.86	21.66	21.60	22.20
	DFT-S 16QAM	1	1	1	21.94	21.68	21.68	22.20
	DFT-S 64QAM	1	1	2.5	20.43	20.20	20.16	20.70
	DFT-S 256QAM	1	1	4.5	18.46	18.25	18.18	18.70
	CP QPSK	1	1	1.5	21.46	21.25	21.22	21.70

Band					5GNR n71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	134100	136100	138100	Tune-up Limit (dBm)
					670.5	680.5	690.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	22.95	22.65	22.75	23.20
		1	40	0	22.99	22.72	22.79	23.20
		1	77	0	23.00	22.71	22.72	23.20
		36	0	0.5	22.31	22.08	22.06	22.70
		36	22	0	22.99	22.77	22.74	23.20
		36	43	0.5	22.47	22.24	22.24	22.70
		75	0	0.5	22.50	22.26	22.23	22.70
	DFT-S QPSK	1	1	0	22.89	22.59	22.68	23.20
		1	40	0	22.80	22.57	22.56	23.20
		1	77	0	22.91	22.71	22.70	23.20
		36	0	1	21.83	21.63	21.63	22.20
		36	22	0	22.81	22.59	22.55	23.20
		36	43	1	21.94	21.65	21.65	22.20
		75	0	1	21.96	21.73	21.76	22.20
	DFT-S 16QAM	1	1	1	21.89	21.67	21.69	22.20
	DFT-S 64QAM	1	1	2.5	20.48	20.20	20.22	20.70
	DFT-S 256QAM	1	1	4.5	18.39	18.14	18.12	18.70
	CP QPSK	1	1	1.5	21.35	21.09	21.12	21.70

Band					5GNR n71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133600	136100	138600	Tune-up Limit (dBm)
					668.0	680.5	693.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	22.99	22.77	22.70	23.20
		1	26	0	22.85	22.60	22.63	23.20
		1	50	0	22.98	22.76	22.68	23.20
		25	0	0.5	22.40	22.18	22.15	22.70
		25	14	0	22.94	22.67	22.73	23.20
		25	27	0.5	22.35	22.06	22.12	22.70
		50	0	0.5	22.31	22.04	22.11	22.70
	DFT-S QPSK	1	1	0	22.81	22.59	22.61	23.20
		1	26	0	22.86	22.58	22.56	23.20
		1	50	0	22.99	22.72	22.71	23.20
		25	0	1	21.99	21.70	21.74	22.20
		25	14	0	22.81	22.61	22.57	23.20
		25	27	1	21.99	21.69	21.74	22.20
		50	0	1	21.88	21.65	21.68	22.20
	DFT-S 16QAM	1	1	1	21.86	21.60	21.61	22.20
	DFT-S 64QAM	1	1	2.5	20.30	20.00	20.05	20.70
	DFT-S 256QAM	1	1	4.5	18.35	18.11	18.09	18.70
	CP QPSK	1	1	1.5	21.49	21.20	21.22	21.70

Band					5GNR n71			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	133100	136100	139100	Tune-up Limit (dBm)
					665.5	680.5	695.5	
5	DFT-S $\pi/2$ BPSK	1	1	0	22.92	22.72	22.69	23.20
		1	13	0	22.98	22.74	22.72	23.20
		1	23	0	22.90	22.66	22.61	23.20
		12	0	0.5	22.43	22.21	22.23	22.70
		12	7	0	22.89	22.66	22.69	23.20
		12	13	0.5	22.42	22.19	22.15	22.70
		25	0	0.5	22.45	22.23	22.17	22.70
	DFT-S QPSK	1	1	0	22.95	22.75	22.70	23.20
		1	13	0	22.94	22.67	22.70	23.20
		1	23	0	22.96	22.75	22.68	23.20
		12	0	1	21.95	21.66	21.75	22.20
		12	7	0	22.84	22.57	22.61	23.20
		12	13	1	21.93	21.67	21.68	22.20
		25	0	1	21.98	21.75	21.69	22.20
	DFT-S 16QAM	1	1	1	21.99	21.75	21.69	22.20
	DFT-S 64QAM	1	1	2.5	20.47	20.23	20.17	20.70
	DFT-S 256QAM	1	1	4.5	18.33	18.09	18.06	18.70
	CP QPSK	1	1	1.5	21.39	21.12	21.14	21.70

<SCS 30 KHz>

Band					5GNR n38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	516000	519000	522000	Tune-up Limit (dBm)
					2580.0	2595.0	2610.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	23.24	23.20	23.14	25
		1	26	0	23.27	23.17	23.11	25
		1	49	0	23.13	23.19	23.07	25
		25	0	0.5	22.87	22.70	22.73	24.5
		25	13	0	23.00	23.01	23.05	25
		25	26	0.5	22.64	22.71	22.60	24.5
		50	0	0.5	22.70	22.60	22.59	24.5
	DFT-S QPSK	1	1	0	23.30	23.28	23.27	25
		1	26	0	23.25	23.26	23.15	25
		1	49	0	23.23	23.23	23.11	25
		25	0	1	22.31	22.39	22.36	24
		25	13	0	23.19	23.09	23.08	25
		25	26	1	22.25	22.16	22.16	24
		50	0	1	22.23	22.20	22.20	24
	DFT-S 16QAM	1	1	1	22.24	22.19	22.16	24
	DFT-S 64QAM	1	1	2.5	20.77	20.81	20.88	22.5
	DFT-S 256QAM	1	1	4.5	18.75	18.88	18.84	20.5
	CP QPSK	1	1	1.5	21.74	21.62	21.57	23.5

Band					5GNR n38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	515500	519000	522500	Tune-up Limit (dBm)
					2577.5	2595.0	2612.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	23.17	23.17	23.10	25
		1	19	0	23.22	23.14	23.18	25
		1	36	0	23.10	23.18	23.06	25
		18	0	0.5	23.05	22.71	22.84	24.5
		18	10	0	23.05	23.04	23.04	25
		18	20	0.5	22.61	22.64	22.58	24.5
		36	0	0.5	22.69	22.59	22.61	24.5
	DFT-S QPSK	1	1	0	23.22	23.26	23.21	25
		1	19	0	23.19	23.20	23.15	25
		1	36	0	23.13	23.21	23.04	25
		18	0	1	22.26	22.29	22.34	24
		18	10	0	23.11	23.15	23.03	25
		18	20	1	22.22	22.22	22.18	24
		36	0	1	22.23	22.21	22.17	24
	DFT-S 16QAM	1	1	1	22.23	22.16	22.10	24
	DFT-S 64QAM	1	1	2.5	20.73	20.85	20.92	22.5
	DFT-S 256QAM	1	1	4.5	18.74	18.87	18.83	20.5
	CP QPSK	1	1	1.5	21.64	21.60	21.62	23.5

Band					5G NR n38			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	515000	519000	523000	Tune-up Limit (dBm)
					2575.0	2595.0	2615.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	23.15	23.19	23.16	25
		1	11	0	23.23	23.13	23.19	25
		1	22	0	23.06	23.15	23.03	25
		12	0	0.5	23.13	22.72	22.87	24.5
		12	6	0	23.07	23.05	23.08	25
		12	12	0.5	22.65	22.71	22.53	24.5
		24	0	0.5	22.61	22.65	22.59	24.5
	DFT-S QPSK	1	1	0	23.24	23.19	23.24	25
		1	11	0	23.20	23.22	23.20	25
		1	22	0	23.19	23.19	23.08	25
		12	0	1	22.25	22.32	22.36	24
		12	6	0	23.17	23.19	23.03	25
		12	12	1	22.16	22.23	22.25	24
		24	0	1	22.15	22.22	22.20	24
	DFT-S 16QAM	1	1	1	22.19	22.24	22.08	24
	DFT-S 64QAM	1	1	2.5	20.77	20.85	20.89	22.5
	DFT-S 256QAM	1	1	4.5	18.66	18.87	18.89	20.5
	CP QPSK	1	1	1.5	21.65	21.68	21.65	23.5

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	509202	513900	518598	523302	528000	Tune-up Limit (dBm)
					2546.0	2569.5	2593.0	2616.5	2640.0	
100	DFT-S $\pi/2$ BPSK	1	1	0	24.33	24.36	24.28	24.31	24.58	24.8
		1	137	0	24.22	24.17	24.21	24.18	24.45	24.8
		1	271	0	24.34	24.25	24.37	24.38	24.60	24.8
		135	0	0.5	23.75	23.75	23.62	23.57	23.96	24.3
		135	69	0	24.21	24.22	24.28	24.16	24.50	24.8
		135	138	0.5	23.67	23.74	23.62	23.71	24.01	24.3
		270	0	0.5	23.85	23.76	23.85	23.69	24.08	24.3
	DFT-S QPSK	1	1	0	24.53	24.72	24.69	24.74	24.75	24.8
		1	137	0	24.07	24.05	24.21	24.17	24.41	24.8
		1	271	0	24.03	24.03	24.07	24.09	24.40	24.8
		135	0	1	23.67	23.71	23.68	23.71	23.79	23.8
		135	69	0	24.17	24.02	24.17	24.20	24.41	24.8
		135	138	1	23.24	23.16	23.26	23.11	23.48	23.8
		270	0	1	23.64	23.69	23.63	23.68	23.73	23.8
	DFT-S 16QAM	1	1	1	23.18	23.12	23.17	23.14	23.41	23.8
	DFT-S 64QAM	1	1	2.5	21.63	21.74	21.74	21.74	21.97	22.3
	DFT-S 256QAM	1	1	4.5	19.81	19.66	19.69	19.78	20.05	20.3
	CP QPSK	1	1	1.5	22.71	22.67	22.67	22.72	23.00	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	508200	513402	518598	523800	528996	Tune-up Limit (dBm)
					2541.0	2567.0	2593.0	2619.0	2645.0	
90	DFT-S $\pi/2$ BPSK	1	1	0	24.33	24.32	24.21	24.20	24.53	24.8
		1	123	0	24.37	24.32	24.32	24.37	24.57	24.8
		1	243	0	24.04	24.17	24.19	24.04	24.41	24.8
		120	0	0.5	23.61	23.77	23.61	23.70	23.99	24.3
		120	63	0	24.19	24.20	24.23	24.13	24.50	24.8
		120	125	0.5	23.85	23.73	23.76	23.86	24.08	24.3
		243	0	0.5	23.73	23.73	23.77	23.86	24.07	24.3
	DFT-S QPSK	1	1	0	24.19	24.06	24.15	24.03	24.43	24.8
		1	123	0	24.21	24.18	24.08	24.15	24.47	24.8
		1	243	0	24.30	24.22	24.15	24.24	24.53	24.8
		120	0	1	23.25	23.25	23.33	23.25	23.54	23.8
		120	63	0	24.16	24.21	24.08	24.05	24.43	24.8
		120	125	1	23.34	23.18	23.25	23.28	23.58	23.8
		243	0	1	23.06	23.20	23.09	23.06	23.41	23.8
	DFT-S 16QAM	1	1	1	23.37	23.33	23.39	23.24	23.60	23.8
	DFT-S 64QAM	1	1	2.5	21.73	21.79	21.67	21.68	22.05	22.3
	DFT-S 256QAM	1	1	4.5	19.58	19.62	19.53	19.72	19.93	20.3
	CP QPSK	1	1	1.5	22.71	22.82	22.64	22.79	23.02	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	507204	509304	518598	500298	529998	Tune-up Limit (dBm)
					2536.0	2546.5	2593.0	2621.5	2650.0	
80	DFT-S $\pi/2$ BPSK	1	1	0	24.21	24.33	24.30	24.36	24.59	24.8
		1	109	0	24.17	24.22	24.10	24.05	24.43	24.8
		1	215	0	24.22	24.10	24.11	24.18	24.42	24.8
		108	0	0.5	23.74	23.77	23.74	23.63	24.01	24.3
		108	55	0	24.26	24.29	24.34	24.29	24.57	24.8
		108	109	0.5	23.78	23.89	23.85	23.72	24.09	24.3
		216	0	0.5	23.66	23.67	23.73	23.79	24.04	24.3
	DFT-S QPSK	1	1	0	24.06	24.11	24.05	24.16	24.43	24.8
		1	109	0	24.16	24.20	24.17	24.11	24.50	24.8
		1	215	0	24.28	24.19	24.15	24.21	24.51	24.8
		108	0	1	23.30	23.18	23.16	23.31	23.54	23.8
		108	55	0	24.23	24.23	24.13	24.11	24.44	24.8
		108	109	1	23.24	23.27	23.29	23.32	23.55	23.8
		216	0	1	23.32	23.25	23.37	23.37	23.58	23.8
	DFT-S 16QAM	1	1	1	23.38	23.22	23.27	23.39	23.60	23.8
	DFT-S 64QAM	1	1	2.5	21.56	21.63	21.70	21.64	21.93	22.3
	DFT-S 256QAM	1	1	4.5	19.76	19.72	19.89	19.82	20.10	20.3
	CP QPSK	1	1	1.5	22.66	22.71	22.69	22.72	22.96	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	506202	512400	518598	524802	531000	Tune-up Limit (dBm)
					2531.0	2562.0	2593.0	2624.0	2655.0	
70	DFT-S $\pi/2$ BPSK	1	1	0	24.16	24.26	24.22	24.26	24.54	24.8
		1	95	0	24.09	24.12	24.08	24.20	24.41	24.8
		1	187	0	24.35	24.34	24.23	24.30	24.55	24.8
		90	0	0.5	23.67	23.78	23.67	23.74	24.03	24.3
		90	50	0	24.13	24.18	24.31	24.31	24.52	24.8
		90	99	0.5	23.68	23.77	23.75	23.79	24.01	24.3
		180	0	0.5	23.63	23.72	23.78	23.73	23.98	24.3
	DFT-S QPSK	1	1	0	24.18	24.03	24.18	24.20	24.42	24.8
		1	95	0	24.12	24.07	24.15	24.12	24.40	24.8
		1	187	0	24.17	24.18	24.12	24.07	24.47	24.8
		90	0	1	23.11	23.21	23.20	23.10	23.43	23.8
		90	50	0	24.38	24.32	24.32	24.26	24.59	24.8
		90	99	1	23.18	23.20	23.26	23.15	23.48	23.8
		180	0	1	23.28	23.16	23.20	23.27	23.51	23.8
	DFT-S 16QAM	1	1	1	23.24	23.30	23.26	23.34	23.58	23.8
	DFT-S 64QAM	1	1	2.5	21.63	21.59	21.66	21.61	21.97	22.3
	DFT-S 256QAM	1	1	4.5	19.58	19.63	19.74	19.59	19.97	20.3
	CP QPSK	1	1	1.5	22.65	22.73	22.55	22.65	22.94	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	505200	511896	518598	525294	531996	Tune-up Limit (dBm)
					2526.0	2559.5	2593.0	2626.5	2660.0	
60	DFT-S $\pi/2$ BPSK	1	1	0	24.21	24.19	24.10	24.11	24.41	24.8
		1	81	0	24.14	24.29	24.24	24.24	24.53	24.8
		1	160	0	24.14	24.26	24.33	24.15	24.53	24.8
		81	0	0.5	23.61	23.65	23.67	23.60	23.91	24.3
		81	41	0	24.25	24.25	24.06	24.16	24.45	24.8
		81	81	0.5	23.60	23.70	23.63	23.59	23.90	24.3
		162	0	0.5	23.70	23.72	23.74	23.65	23.94	24.3
	DFT-S QPSK	1	1	0	24.31	24.22	24.25	24.30	24.56	24.8
		1	81	0	24.21	24.12	24.27	24.17	24.49	24.8
		1	160	0	24.13	24.16	24.07	24.02	24.40	24.8
		81	0	1	23.15	23.03	23.16	23.03	23.42	23.8
		81	41	0	24.19	24.11	24.03	24.20	24.41	24.8
		81	81	1	23.30	23.22	23.21	23.21	23.60	23.8
		162	0	1	23.11	23.05	23.05	23.04	23.40	23.8
	DFT-S 16QAM	1	1	1	23.16	23.26	23.14	23.09	23.49	23.8
	DFT-S 64QAM	1	1	2.5	21.75	21.77	21.80	21.75	22.07	22.3
	DFT-S 256QAM	1	1	4.5	19.84	19.76	19.86	19.84	20.10	20.3
	CP QPSK	1	1	1.5	22.70	22.80	22.69	22.65	23.01	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	504204	511404	518598	525798	532998	Tune-up Limit (dBm)
					2521.0	2557.0	2593.0	2629.0	2665.0	
50	DFT-S $\pi/2$ BPSK	1	1	0	24.23	24.27	24.22	24.19	24.47	24.8
		1	67	0	24.13	24.09	24.17	24.11	24.48	24.8
		1	131	0	24.25	24.18	24.20	24.25	24.49	24.8
		64	0	0.5	23.55	23.71	23.62	23.60	23.93	24.3
		64	35	0	24.15	24.15	24.28	24.15	24.55	24.8
		64	69	0.5	23.54	23.60	23.59	23.69	23.93	24.3
		128	0	0.5	23.76	23.61	23.73	23.77	23.97	24.3
	DFT-S QPSK	1	1	0	24.25	24.29	24.15	24.23	24.49	24.8
		1	67	0	24.30	24.18	24.21	24.19	24.56	24.8
		1	131	0	24.26	24.23	24.18	24.09	24.48	24.8
		64	0	1	23.27	23.20	23.25	23.24	23.53	23.8
		64	35	0	24.10	24.12	24.18	24.18	24.44	24.8
		64	69	1	23.23	23.27	23.11	23.28	23.49	23.8
		128	0	1	23.31	23.25	23.21	23.16	23.54	23.8
	DFT-S 16QAM	1	1	1	23.36	23.19	23.30	23.30	23.57	23.8
	DFT-S 64QAM	1	1	2.5	21.71	21.71	21.69	21.54	21.92	22.3
	DFT-S 256QAM	1	1	4.5	19.67	19.72	19.66	19.73	20.03	20.3
	CP QPSK	1	1	1.5	22.60	22.69	22.66	22.77	23.00	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	503202	510900	518598	526296	534000	Tune-up Limit (dBm)
					2516.0	2554.5	2593.0	2631.5	2670.0	
40	DFT-S $\pi/2$ BPSK	1	1	0	24.20	24.26	24.17	24.24	24.48	24.8
		1	53	0	24.14	24.12	24.14	24.19	24.45	24.8
		1	104	0	24.14	24.16	24.26	24.25	24.47	24.8
		50	0	0.5	23.83	23.73	23.83	23.74	24.04	24.3
		50	28	0	24.02	24.16	24.06	24.09	24.40	24.8
		50	56	0.5	23.73	23.67	23.80	23.79	24.02	24.3
		100	0	0.5	23.63	23.67	23.62	23.60	23.98	24.3
	DFT-S QPSK	1	1	0	24.20	24.16	24.21	24.28	24.54	24.8
		1	53	0	24.16	24.13	24.11	24.07	24.43	24.8
		1	104	0	24.21	24.18	24.05	24.21	24.42	24.8
		50	0	1	23.20	23.32	23.20	23.32	23.58	23.8
		50	28	0	24.26	24.38	24.32	24.20	24.59	24.8
		50	56	1	23.17	23.20	23.22	23.19	23.48	23.8
		100	0	1	23.16	23.13	23.10	23.15	23.44	23.8
	DFT-S 16QAM	1	1	1	23.18	23.12	23.21	23.25	23.45	23.8
	DFT-S 64QAM	1	1	2.5	21.89	21.85	21.83	21.79	22.10	22.3
	DFT-S 256QAM	1	1	4.5	19.82	19.67	19.83	19.72	20.06	20.3
	CP QPSK	1	1	1.5	22.78	22.80	22.68	22.67	23.07	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	502200	510402	518598	526800	534996	Tune-up Limit (dBm)
					2511.0	2552.0	2593.0	2634.0	2675.0	
30	DFT-S $\pi/2$ BPSK	1	1	0	24.23	24.18	24.24	24.26	24.46	24.8
		1	39	0	24.23	24.24	24.18	24.24	24.57	24.8
		1	76	0	24.36	24.21	24.24	24.27	24.57	24.8
		36	0	0.5	23.71	23.70	23.67	23.76	24.05	24.3
		36	21	0	24.30	24.33	24.27	24.22	24.54	24.8
		36	42	0.5	23.56	23.71	23.54	23.65	23.92	24.3
		75	0	0.5	23.70	23.67	23.56	23.53	23.90	24.3
	DFT-S QPSK	1	1	0	24.17	24.28	24.29	24.30	24.55	24.8
		1	39	0	24.16	24.05	24.15	24.23	24.45	24.8
		1	76	0	24.20	24.17	24.10	24.26	24.49	24.8
		36	0	1	23.26	23.25	23.19	23.17	23.57	23.8
		36	21	0	24.10	24.10	24.07	24.13	24.43	24.8
		36	42	1	23.21	23.27	23.27	23.25	23.56	23.8
		75	0	1	23.23	23.17	23.32	23.23	23.56	23.8
	DFT-S 16QAM	1	1	1	23.19	23.37	23.37	23.24	23.57	23.8
	DFT-S 64QAM	1	1	2.5	21.66	21.60	21.59	21.53	21.93	22.3
	DFT-S 256QAM	1	1	4.5	19.86	19.85	19.80	19.80	20.07	20.3
	CP QPSK	1	1	1.5	22.75	22.76	22.60	22.61	23.00	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	501204	509898	518598	527298	535998	Tune-up Limit (dBm)
					2506.0	2549.5	2593.0	2636.5	2680.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	24.08	24.16	24.12	24.09	24.46	24.8
		1	26	0	24.17	24.17	24.24	24.06	24.46	24.8
		1	49	0	24.26	24.27	24.21	24.25	24.52	24.8
		25	0	0.5	23.62	23.57	23.72	23.61	23.93	24.3
		25	13	0	24.11	24.16	24.22	24.14	24.44	24.8
		25	26	0.5	23.57	23.72	23.62	23.56	23.92	24.3
		50	0	0.5	23.67	23.74	23.80	23.70	24.02	24.3
	DFT-S QPSK	1	1	0	24.21	24.38	24.36	24.39	24.60	24.8
		1	26	0	24.27	24.21	24.22	24.19	24.49	24.8
		1	49	0	24.15	24.21	24.18	24.09	24.41	24.8
		25	0	1	23.25	23.31	23.25	23.14	23.51	23.8
		25	13	0	24.08	24.09	24.14	24.24	24.47	24.8
		25	26	1	23.21	23.15	23.16	23.16	23.52	23.8
		50	0	1	23.28	23.26	23.22	23.24	23.50	23.8
	DFT-S 16QAM	1	1	1	23.27	23.29	23.15	23.20	23.50	23.8
	DFT-S 64QAM	1	1	2.5	21.79	21.75	21.71	21.76	22.08	22.3
	DFT-S 256QAM	1	1	4.5	19.56	19.70	19.59	19.59	19.92	20.3
	CP QPSK	1	1	1.5	22.65	22.60	22.57	22.59	22.93	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	500700	509646	518598	527544	536496	Tune-up Limit (dBm)
					2503.5	2548.2	2593.0	2637.7	2682.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	24.23	24.36	24.28	24.34	24.58	24.8
		1	19	0	24.17	24.17	24.24	24.14	24.47	24.8
		1	36	0	24.23	24.33	24.33	24.26	24.56	24.8
		18	0	0.5	23.89	23.77	23.80	23.78	24.09	24.3
		18	10	0	24.29	24.17	24.28	24.30	24.51	24.8
		18	20	0.5	23.88	23.73	23.69	23.74	24.09	24.3
		36	0	0.5	23.67	23.81	23.83	23.83	24.05	24.3
	DFT-S QPSK	1	1	0	24.24	24.06	24.08	24.06	24.46	24.8
		1	19	0	24.26	24.25	24.17	24.12	24.52	24.8
		1	36	0	24.28	24.20	24.29	24.23	24.56	24.8
		18	0	1	23.21	23.10	23.11	23.14	23.43	23.8
		18	10	0	24.22	24.19	24.28	24.22	24.50	24.8
		18	20	1	23.32	23.20	23.31	23.35	23.56	23.8
		36	0	1	23.18	23.28	23.16	23.17	23.52	23.8
	DFT-S 16QAM	1	1	1	23.24	23.28	23.38	23.23	23.58	23.8
	DFT-S 64QAM	1	1	2.5	21.75	21.59	21.69	21.71	21.99	22.3
	DFT-S 256QAM	1	1	4.5	19.83	19.74	19.76	19.86	20.09	20.3
	CP QPSK	1	1	1.5	22.81	22.67	22.66	22.72	23.06	23.3

Band					5G NR n41					
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	500202	509400	518598	527796	537000	Tune-up Limit (dBm)
					2501.0	2547.0	2593.0	2639.0	2685.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	24.28	24.14	24.19	24.23	24.48	24.8
		1	11	0	24.13	24.16	24.16	24.11	24.45	24.8
		1	22	0	24.13	24.14	24.19	24.26	24.52	24.8
		12	0	0.5	23.56	23.67	23.58	23.53	23.93	24.3
		12	6	0	24.25	24.16	24.18	24.20	24.50	24.8
		12	12	0.5	23.79	23.62	23.62	23.70	24.01	24.3
		24	0	0.5	23.51	23.66	23.61	23.63	23.91	24.3
	DFT-S QPSK	1	1	0	24.27	24.17	24.23	24.25	24.55	24.8
		1	11	0	24.09	24.12	24.20	24.10	24.47	24.8
		1	22	0	24.22	24.32	24.23	24.31	24.59	24.8
		12	0	1	23.28	23.23	23.22	23.18	23.56	23.8
		12	6	0	24.12	24.18	24.12	24.15	24.47	24.8
		12	12	1	23.25	23.29	23.22	23.13	23.51	23.8
		24	0	1	23.27	23.22	23.30	23.27	23.50	23.8
	DFT-S 16QAM	1	1	1	23.06	23.05	23.04	23.17	23.43	23.8
	DFT-S 64QAM	1	1	2.5	21.66	21.81	21.71	21.67	22.03	22.3
	DFT-S 256QAM	1	1	4.5	19.58	19.60	19.64	19.59	19.97	20.3
	CP QPSK	1	1	1.5	22.75	22.70	22.62	22.56	22.96	23.3

Band					5GNR n48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	638000	640444	642888	645332	Tune-up Limit (dBm)
					3570.0	3606.7	3643.3	3680.0	
40	DFT-S $\pi/2$ BPSK	1	1	0	18.33	18.10	18.11	17.94	18.6
		1	53	0	18.29	18.08	18.02	18.06	18.6
		1	104	0	18.23	17.86	17.89	17.84	18.6
		50	0	0.5	17.74	17.42	17.49	17.51	18.1
		50	28	0	18.35	18.09	18.10	18.08	18.6
		50	56	0.5	17.84	17.55	17.60	17.56	18.1
		100	0	0.5	17.90	17.68	17.52	17.66	18.1
	DFT-S QPSK	1	1	0	18.59	18.51	18.48	18.32	18.6
		1	53	0	18.38	18.15	18.18	18.17	18.6
		1	104	0	18.32	18.07	18.10	18.12	18.6
		50	0	1	17.32	17.06	16.94	17.05	17.6
		50	28	0	18.57	18.49	18.37	18.27	18.6
		50	56	1	17.36	17.06	17.11	17.06	17.6
		100	0	1	17.59	17.54	17.56	17.43	17.6
	DFT-S 16QAM	1	1	1	17.39	17.14	17.07	17.02	17.6
	DFT-S 64QAM	1	1	2.5	15.90	15.69	15.51	15.67	16.1
	DFT-S 256QAM	1	1	4.5	13.85	13.56	13.53	13.52	14.1
	CP QPSK	1	1	1.5	16.87	16.57	16.58	16.62	17.1

Band					5GNR n48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	637668	640334	643000	645666	Tune-up Limit (dBm)
					3565.0	3605.0	3645.0	3685.0	
30	DFT-S $\pi/2$ BPSK	1	1	0	18.40	18.06	18.06	18.01	18.6
		1	39	0	18.35	17.96	18.14	17.98	18.6
		1	76	0	18.39	18.07	18.08	18.12	18.6
		36	0	0.5	17.82	17.44	17.55	17.57	18.1
		36	21	0	18.30	18.03	17.93	18.00	18.6
		36	42	0.5	17.74	17.47	17.50	17.40	18.1
		75	0	0.5	17.78	17.45	17.50	17.49	18.1
	DFT-S QPSK	1	1	0	18.32	18.02	17.97	18.07	18.6
		1	39	0	18.29	17.95	17.93	18.04	18.6
		1	76	0	18.39	18.02	18.03	18.15	18.6
		36	0	1	17.21	16.82	17.01	16.86	17.6
		36	21	0	18.23	17.95	17.92	18.01	18.6
		36	42	1	17.28	17.05	16.91	16.89	17.6
		75	0	1	17.37	17.03	17.12	17.14	17.6
	DFT-S 16QAM	1	1	1	17.26	16.98	16.90	17.01	17.6
	DFT-S 64QAM	1	1	2.5	15.83	15.54	15.63	15.47	16.1
	DFT-S 256QAM	1	1	4.5	13.71	13.40	13.41	13.49	14.1
	CP QPSK	1	1	1.5	16.85	16.55	16.49	16.61	17.1

Band					5GNR n48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	637334	640220	643114	646000	Tune-up Limit (dBm)
					3560.0	3603.3	3646.7	3690.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	18.25	18.03	17.93	17.95	18.6
		1	26	0	18.30	18.08	17.97	18.00	18.6
		1	49	0	18.34	18.03	17.97	18.09	18.6
		25	0	0.5	17.72	17.40	17.49	17.42	18.1
		25	13	0	18.34	18.13	18.14	17.95	18.6
		25	26	0.5	17.71	17.37	17.45	17.45	18.1
		50	0	0.5	17.88	17.65	17.58	17.62	18.1
	DFT-S QPSK	1	1	0	18.34	18.07	18.04	18.06	18.6
		1	26	0	18.39	18.06	18.19	18.11	18.6
		1	49	0	18.36	18.02	18.12	18.16	18.6
		25	0	1	17.33	17.09	17.12	16.94	17.6
		25	13	0	18.27	17.91	17.97	18.03	18.6
		25	26	1	17.21	17.00	17.01	16.85	17.6
		50	0	1	17.39	17.16	17.08	17.11	17.6
	DFT-S 16QAM	1	1	1	17.28	16.93	17.01	16.91	17.6
	DFT-S 64QAM	1	1	2.5	15.87	15.50	15.59	15.62	16.1
	DFT-S 256QAM	1	1	4.5	13.86	13.54	13.50	13.52	14.1
	CP QPSK	1	1	1.5	16.89	16.50	16.59	16.53	17.1

Band					5GNR n48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	637168	640168	643166	646166	Tune-up Limit (dBm)
					3557.5	3602.5	3647.5	3692.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	18.40	18.16	18.12	18.07	18.6
		1	19	0	18.30	18.04	18.05	17.96	18.6
		1	36	0	18.32	18.10	18.07	18.12	18.6
		18	0	0.5	17.79	17.43	17.58	17.53	18.1
		18	10	0	18.38	18.07	18.18	18.13	18.6
		18	20	0.5	17.90	17.53	17.63	17.66	18.1
		36	0	0.5	17.87	17.48	17.55	17.64	18.1
	DFT-S QPSK	1	1	0	18.31	18.11	18.04	18.05	18.6
		1	19	0	18.28	17.98	17.96	18.03	18.6
		1	36	0	18.33	18.11	18.02	17.95	18.6
		18	0	1	17.26	16.89	16.94	17.02	17.6
		18	10	0	18.21	17.91	17.92	17.96	18.6
		18	20	1	17.21	16.98	16.95	16.93	17.6
		36	0	1	17.35	17.00	16.97	16.99	17.6
	DFT-S 16QAM	1	1	1	17.26	16.95	16.90	16.95	17.6
	DFT-S 64QAM	1	1	2.5	15.78	15.49	15.57	15.54	16.1
	DFT-S 256QAM	1	1	4.5	13.71	13.32	13.38	13.46	14.1
	CP QPSK	1	1	1.5	16.72	16.42	16.52	16.32	17.1

Band					5GNR n48				
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	637000	640110	643222	646332	Tune-up Limit (dBm)
					3555.0	3601.7	3648.3	3695.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	18.25	18.04	18.04	17.87	18.6
		1	11	0	18.29	17.94	18.02	17.99	18.6
		1	22	0	18.23	17.87	17.98	18.00	18.6
		12	0	0.5	17.73	17.39	17.51	17.34	18.1
		12	6	0	18.36	18.05	18.12	18.06	18.6
		12	12	0.5	17.73	17.45	17.40	17.39	18.1
		24	0	0.5	17.90	17.70	17.59	17.63	18.1
	DFT-S QPSK	1	1	0	18.25	17.89	17.98	17.95	18.6
		1	11	0	18.21	17.84	17.97	17.90	18.6
		1	22	0	18.36	18.04	18.13	18.01	18.6
		12	0	1	17.25	16.99	16.97	17.02	17.6
		12	6	0	18.34	17.98	18.13	18.14	18.6
		12	12	1	17.40	17.08	17.18	17.10	17.6
		24	0	1	17.25	16.91	16.89	16.87	17.6
	DFT-S 16QAM	1	1	1	17.35	17.08	16.96	17.02	17.6
	DFT-S 64QAM	1	1	2.5	15.81	15.55	15.41	15.54	16.1
	DFT-S 256QAM	1	1	4.5	13.84	13.48	13.53	13.57	14.1
	CP QPSK	1	1	1.5	16.80	16.47	16.45	16.57	17.1

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	650000	652400	654800	657200	659600	662000	Tune-up Limit (dBm)
					3750.0	3786.0	3822.0	3858.0	3894.0	3930.0	
100	DFT-S $\pi/2$ BPSK	1	1	0	18.72	18.60	18.56	18.42	18.51	18.50	19.2
		1	137	0	18.68	18.51	18.48	18.42	18.56	18.45	19.2
		1	271	0	18.67	18.43	18.55	18.43	18.47	18.54	19.2
		135	0	0.5	18.10	17.91	17.84	17.83	17.99	17.96	18.7
		135	69	0	18.68	18.49	18.45	18.53	18.52	18.51	19.2
		135	138	0.5	18.16	18.06	17.90	17.98	17.97	17.94	18.7
		270	0	0.5	18.10	17.88	17.82	17.83	17.91	17.86	18.7
	DFT-S QPSK	1	1	0	19.18	19.11	19.05	19.06	19.03	19.17	19.2
		1	137	0	18.61	18.47	18.40	18.37	18.46	18.37	19.2
		1	271	0	18.71	18.47	18.56	18.50	18.55	18.46	19.2
		135	0	1	17.62	17.36	17.50	17.50	17.36	17.42	18.2
		135	69	0	18.89	18.68	18.66	18.74	18.76	18.82	19.2
		135	138	1	17.77	17.54	17.50	17.65	17.60	17.64	18.2
		270	0	1	18.17	18.05	18.06	18.12	18.13	18.16	18.2
	DFT-S 16QAM	1	1	1	17.70	17.58	17.50	17.52	17.48	17.51	18.2
	DFT-S 64QAM	1	1	2.5	16.13	15.85	15.87	16.03	15.97	15.95	16.7
	DFT-S 256QAM	1	1	4.5	14.16	13.86	13.92	14.00	13.92	14.01	14.7
	CP QPSK	1	1	1.5	17.26	17.13	17.14	17.07	17.09	16.98	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649668	652200	654734	657266	659800	662332	Tune-up Limit (dBm)
					3745.0	3783.0	3821.0	3859.0	3897.0	3935.0	
90	DFT-S $\pi/2$ BPSK	1	1	0	18.76	18.65	18.52	18.65	18.57	18.46	19.2
		1	123	0	18.75	18.46	18.51	18.46	18.46	18.60	19.2
		1	243	0	18.75	18.50	18.45	18.61	18.48	18.55	19.2
		120	0	0.5	18.25	18.14	17.98	18.09	18.15	18.15	18.7
		120	63	0	18.64	18.42	18.48	18.36	18.47	18.37	19.2
		120	125	0.5	18.18	18.03	17.88	17.96	17.92	17.92	18.7
		243	0	0.5	18.26	17.99	18.00	18.13	17.98	17.96	18.7
	DFT-S QPSK	1	1	0	18.61	18.31	18.45	18.43	18.49	18.47	19.2
		1	123	0	18.74	18.55	18.47	18.48	18.57	18.61	19.2
		1	243	0	18.68	18.42	18.47	18.57	18.48	18.40	19.2
		120	0	1	17.80	17.56	17.65	17.65	17.69	17.57	18.2
		120	63	0	18.80	18.61	18.66	18.64	18.58	18.59	19.2
		120	125	1	17.71	17.45	17.57	17.56	17.49	17.43	18.2
		243	0	1	17.69	17.55	17.47	17.55	17.49	17.46	18.2
	DFT-S 16QAM	1	1	1	17.61	17.48	17.39	17.38	17.33	17.42	18.2
	DFT-S 64QAM	1	1	2.5	16.15	15.95	15.89	15.87	15.93	15.90	16.7
	DFT-S 256QAM	1	1	4.5	14.24	14.12	14.09	14.11	13.97	14.09	14.7
	CP QPSK	1	1	1.5	17.18	17.06	16.95	16.89	17.05	17.08	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649334	652000	654666	657334	660000	662666	Tune-up Limit (dBm)
					3740.0	3780.0	3820.0	3860.0	3900.0	3940.0	
80	DFT-S $\pi/2$ BPSK	1	1	0	18.60	18.46	18.40	18.45	18.42	18.37	19.2
		1	109	0	18.77	18.48	18.66	18.50	18.61	18.52	19.2
		1	215	0	18.77	18.54	18.50	18.56	18.62	18.64	19.2
		108	0	0.5	18.26	18.14	18.03	18.13	18.02	18.08	18.7
		108	55	0	18.63	18.37	18.52	18.33	18.38	18.48	19.2
		108	109	0.5	18.15	17.94	18.03	17.92	17.97	17.85	18.7
		216	0	0.5	18.13	17.85	18.00	17.91	18.02	17.92	18.7
	DFT-S QPSK	1	1	0	18.68	18.42	18.40	18.49	18.49	18.45	19.2
		1	109	0	18.64	18.53	18.48	18.45	18.53	18.46	19.2
		1	215	0	18.75	18.46	18.62	18.63	18.59	18.61	19.2
		108	0	1	17.66	17.48	17.48	17.53	17.45	17.56	18.2
		108	55	0	18.69	18.45	18.52	18.51	18.39	18.52	19.2
		108	109	1	17.61	17.43	17.32	17.33	17.50	17.43	18.2
		216	0	1	17.71	17.61	17.52	17.49	17.54	17.50	18.2
	DFT-S 16QAM	1	1	1	17.78	17.55	17.64	17.63	17.57	17.54	18.2
	DFT-S 64QAM	1	1	2.5	16.19	15.89	16.05	15.91	16.01	15.94	16.7
	DFT-S 256QAM	1	1	4.5	14.20	14.01	14.09	13.96	13.94	13.97	14.7
	CP QPSK	1	1	1.5	17.12	16.94	16.83	16.99	16.87	16.93	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649000	651800	654600	657400	660200	663000	Tune-up Limit (dBm)
					3735.0	3777.0	3819.0	3861.0	3903.0	3945.0	
70	DFT-S $\pi/2$ BPSK	1	1	0	18.60	18.33	18.40	18.33	18.30	18.41	19.2
		1	95	0	18.66	18.40	18.38	18.55	18.52	18.46	19.2
		1	187	0	18.75	18.53	18.45	18.53	18.64	18.61	19.2
		90	0	0.5	18.28	18.16	18.08	18.05	18.09	18.14	18.7
		90	50	0	18.73	18.54	18.53	18.49	18.55	18.46	19.2
		90	99	0.5	18.24	18.10	18.07	18.02	18.02	18.06	18.7
		180	0	0.5	18.20	17.92	18.04	17.93	17.91	18.04	18.7
	DFT-S QPSK	1	1	0	18.63	18.50	18.48	18.36	18.41	18.45	19.2
		1	95	0	18.78	18.52	18.48	18.52	18.63	18.53	19.2
		1	187	0	18.77	18.55	18.58	18.52	18.56	18.51	19.2
		90	0	1	17.69	17.39	17.46	17.57	17.46	17.51	18.2
		90	50	0	18.74	18.61	18.59	18.62	18.52	18.50	19.2
		90	99	1	17.69	17.54	17.55	17.52	17.56	17.50	18.2
		180	0	1	17.64	17.46	17.37	17.41	17.38	17.43	18.2
	DFT-S 16QAM	1	1	1	17.65	17.43	17.49	17.38	17.52	17.36	18.2
	DFT-S 64QAM	1	1	2.5	16.25	16.00	16.05	16.15	15.96	16.04	16.7
	DFT-S 256QAM	1	1	4.5	14.26	14.04	14.03	14.02	14.15	14.02	14.7
	CP QPSK	1	1	1.5	17.22	17.10	16.92	16.95	16.98	16.95	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648668	651600	654534	657466	660400	663332	Tune-up Limit (dBm)
					3730.0	3774.0	3818.0	3862.0	3906.0	3950.0	
60	DFT-S $\pi/2$ BPSK	1	1	0	18.71	18.61	18.59	18.47	18.57	18.56	19.2
		1	81	0	18.60	18.46	18.43	18.46	18.35	18.47	19.2
		1	160	0	18.76	18.48	18.51	18.55	18.57	18.60	19.2
		81	0	0.5	18.11	17.84	17.98	17.89	17.88	18.00	18.7
		81	41	0	18.69	18.41	18.43	18.44	18.39	18.48	19.2
		81	81	0.5	18.17	18.00	18.04	18.03	17.93	18.05	18.7
		162	0	0.5	18.11	17.96	17.81	17.92	17.81	17.92	18.7
	DFT-S QPSK	1	1	0	18.68	18.52	18.41	18.58	18.53	18.49	19.2
		1	81	0	18.67	18.40	18.56	18.49	18.54	18.51	19.2
		1	160	0	18.71	18.43	18.46	18.46	18.52	18.41	19.2
		81	0	1	17.60	17.42	17.37	17.43	17.37	17.47	18.2
		81	41	0	18.69	18.43	18.40	18.45	18.48	18.55	19.2
		81	81	1	17.77	17.48	17.52	17.62	17.60	17.51	18.2
		162	0	1	17.64	17.54	17.34	17.44	17.51	17.35	18.2
	DFT-S 16QAM	1	1	1	17.61	17.47	17.46	17.47	17.38	17.35	18.2
	DFT-S 64QAM	1	1	2.5	16.25	15.99	16.10	16.14	16.03	15.96	16.7
	DFT-S 256QAM	1	1	4.5	14.12	14.02	14.00	13.91	13.85	14.02	14.7
	CP QPSK	1	1	1.5	17.12	17.00	16.91	16.87	17.02	16.89	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648334	651400	654466	657534	660600	663666	Tune-up Limit (dBm)
					3725.0	3771.0	3817.0	3863.0	3909.0	3955.0	
50	DFT-S $\pi/2$ BPSK	1	1	0	18.69	18.52	18.42	18.49	18.46	18.51	19.2
		1	67	0	18.66	18.44	18.46	18.52	18.50	18.41	19.2
		1	131	0	18.67	18.43	18.42	18.54	18.55	18.39	19.2
		64	0	0.5	18.26	18.00	18.12	18.03	18.01	17.96	18.7
		64	35	0	18.74	18.44	18.45	18.53	18.49	18.52	19.2
		64	69	0.5	18.27	18.15	18.15	18.05	18.11	18.05	18.7
		128	0	0.5	18.26	18.07	18.01	18.10	18.01	18.14	18.7
	DFT-S QPSK	1	1	0	18.65	18.46	18.35	18.37	18.42	18.43	19.2
		1	67	0	18.67	18.37	18.56	18.41	18.44	18.38	19.2
		1	131	0	18.63	18.42	18.37	18.34	18.50	18.42	19.2
		64	0	1	17.78	17.52	17.55	17.66	17.57	17.59	18.2
		64	35	0	18.78	18.58	18.59	18.52	18.63	18.60	19.2
		64	69	1	17.68	17.51	17.54	17.41	17.57	17.57	18.2
		128	0	1	17.63	17.35	17.37	17.46	17.33	17.49	18.2
	DFT-S 16QAM	1	1	1	17.66	17.40	17.43	17.53	17.40	17.39	18.2
	DFT-S 64QAM	1	1	2.5	16.26	16.16	16.12	16.05	16.01	15.96	16.7
	DFT-S 256QAM	1	1	4.5	14.26	14.12	14.07	14.04	13.97	14.13	14.7
	CP QPSK	1	1	1.5	17.24	16.98	16.99	17.07	17.09	17.01	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648000	651200	654400	657600	660800	664000	Tune-up Limit (dBm)
					3720.0	3768.0	3816.0	3864.0	3912.0	3960.0	
40	DFT-S $\pi/2$ BPSK	1	1	0	18.66	18.54	18.55	18.48	18.55	18.55	19.2
		1	53	0	18.66	18.49	18.44	18.36	18.56	18.46	19.2
		1	104	0	18.69	18.54	18.41	18.55	18.56	18.47	19.2
		50	0	0.5	18.24	18.00	18.06	18.10	18.10	17.97	18.7
		50	28	0	18.62	18.44	18.44	18.40	18.42	18.37	19.2
		50	56	0.5	18.23	18.01	18.11	18.12	17.94	17.98	18.7
		100	0	0.5	18.14	18.03	17.88	17.93	17.92	17.88	18.7
	DFT-S QPSK	1	1	0	18.71	18.55	18.58	18.46	18.59	18.45	19.2
		1	53	0	18.76	18.62	18.50	18.55	18.54	18.51	19.2
		1	104	0	18.60	18.33	18.44	18.47	18.46	18.46	19.2
		50	0	1	17.60	17.40	17.44	17.38	17.41	17.32	18.2
		50	28	0	18.67	18.47	18.52	18.52	18.37	18.42	19.2
		50	56	1	17.67	17.44	17.48	17.37	17.53	17.55	18.2
		100	0	1	17.72	17.45	17.56	17.58	17.47	17.46	18.2
	DFT-S 16QAM	1	1	1	17.72	17.50	17.44	17.54	17.43	17.47	18.2
	DFT-S 64QAM	1	1	2.5	16.30	16.18	16.16	16.01	16.12	16.05	16.7
	DFT-S 256QAM	1	1	4.5	14.28	14.16	14.04	14.18	14.10	14.03	14.7
	CP QPSK	1	1	1.5	17.25	16.97	17.04	16.97	16.95	16.98	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647668	651000	654334	657666	661000	664332	Tune-up Limit (dBm)
					3715.0	3765.0	3815.0	3865.0	3915.0	3965.0	
30	DFT-S $\pi/2$ BPSK	1	1	0	18.65	18.53	18.44	18.35	18.42	18.50	19.2
		1	39	0	18.66	18.46	18.56	18.53	18.47	18.45	19.2
		1	76	0	18.63	18.45	18.42	18.40	18.46	18.38	19.2
		36	0	0.5	18.26	18.00	18.09	17.97	18.07	18.12	18.7
		36	21	0	18.79	18.67	18.60	18.51	18.67	18.54	19.2
		36	42	0.5	18.27	18.17	17.98	17.97	18.07	18.04	18.7
		75	0	0.5	18.20	17.98	17.92	18.00	18.02	17.93	18.7
	DFT-S QPSK	1	1	0	18.70	18.40	18.59	18.48	18.53	18.41	19.2
		1	39	0	18.65	18.37	18.44	18.44	18.36	18.37	19.2
		1	76	0	18.79	18.50	18.58	18.49	18.64	18.53	19.2
		36	0	1	17.73	17.43	17.55	17.58	17.53	17.56	18.2
		36	21	0	18.63	18.48	18.49	18.49	18.38	18.52	19.2
		36	42	1	17.73	17.55	17.57	17.62	17.46	17.56	18.2
		75	0	1	17.62	17.47	17.48	17.36	17.35	17.46	18.2
	DFT-S 16QAM	1	1	1	17.64	17.50	17.39	17.54	17.46	17.44	18.2
	DFT-S 64QAM	1	1	2.5	16.28	16.17	15.98	16.08	16.07	16.02	16.7
	DFT-S 256QAM	1	1	4.5	14.20	14.09	13.90	13.97	13.92	13.99	14.7
	CP QPSK	1	1	1.5	17.26	16.97	16.99	17.14	16.99	17.01	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647500	650900	654300	657700	661100	664500	Tune-up Limit (dBm)
					3712.5	3763.5	3814.5	3865.5	3916.5	3967.5	
25	DFT-S $\pi/2$ BPSK	1	1	0	18.78	18.49	18.67	18.67	18.51	18.53	19.2
		1	33	0	18.62	18.44	18.51	18.40	18.43	18.34	19.2
		1	63	0	18.80	18.59	18.56	18.67	18.53	18.59	19.2
		32	0	0.5	18.28	18.01	18.17	18.06	18.08	18.15	18.7
		32	17	0	18.67	18.42	18.41	18.45	18.37	18.55	19.2
		32	33	0.5	18.30	18.15	18.06	18.00	18.20	18.13	18.7
		64	0	0.5	18.12	17.96	17.84	17.95	18.01	17.98	18.7
	DFT-S QPSK	1	1	0	18.62	18.44	18.40	18.42	18.47	18.47	19.2
		1	33	0	18.67	18.56	18.52	18.45	18.44	18.38	19.2
		1	63	0	18.67	18.45	18.43	18.43	18.54	18.51	19.2
		32	0	1	17.78	17.54	17.57	17.53	17.51	17.64	18.2
		32	17	0	18.75	18.56	18.57	18.52	18.64	18.53	19.2
		32	33	1	17.67	17.42	17.53	17.53	17.40	17.53	18.2
		64	0	1	17.71	17.58	17.54	17.47	17.57	17.44	18.2
	DFT-S 16QAM	1	1	1	17.76	17.64	17.61	17.48	17.49	17.53	18.2
	DFT-S 64QAM	1	1	2.5	16.15	15.99	16.03	16.02	15.88	15.86	16.7
	DFT-S 256QAM	1	1	4.5	14.25	13.96	13.97	14.08	14.08	14.10	14.7
	CP QPSK	1	1	1.5	17.16	16.86	16.93	17.03	16.93	16.99	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647334	650800	654266	657734	661200	664666	Tune-up Limit (dBm)
					3710.0	3762.0	3814.0	3866.0	3918.0	3970.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	18.70	18.46	18.43	18.49	18.46	18.41	19.2
		1	26	0	18.66	18.54	18.45	18.42	18.47	18.41	19.2
		1	49	0	18.79	18.50	18.68	18.55	18.54	18.68	19.2
		25	0	0.5	18.15	17.98	17.95	17.97	18.04	17.89	18.7
		25	13	0	18.80	18.67	18.70	18.55	18.61	18.57	19.2
		25	26	0.5	18.22	18.06	18.10	17.95	18.08	17.95	18.7
		50	0	0.5	18.14	17.88	17.84	17.86	17.91	17.86	18.7
	DFT-S QPSK	1	1	0	18.60	18.44	18.33	18.41	18.39	18.38	19.2
		1	26	0	18.73	18.46	18.43	18.61	18.62	18.47	19.2
		1	49	0	18.71	18.50	18.51	18.46	18.47	18.52	19.2
		25	0	1	17.67	17.44	17.53	17.52	17.51	17.43	18.2
		25	13	0	18.72	18.53	18.42	18.42	18.58	18.43	19.2
		25	26	1	17.68	17.44	17.45	17.39	17.38	17.47	18.2
		50	0	1	17.70	17.40	17.48	17.57	17.42	17.59	18.2
	DFT-S 16QAM	1	1	1	17.77	17.61	17.59	17.65	17.53	17.47	18.2
	DFT-S 64QAM	1	1	2.5	16.27	16.16	16.17	16.01	16.03	16.06	16.7
	DFT-S 256QAM	1	1	4.5	14.11	13.92	13.97	13.87	14.01	13.97	14.7
	CP QPSK	1	1	1.5	17.27	17.09	17.08	17.08	17.08	17.07	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647168	650700	654234	657766	661300	664832	Tune-up Limit (dBm)
					3707.5	3760.5	3813.5	3866.5	3919.5	3972.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	18.70	18.42	18.51	18.57	18.42	18.46	19.2
		1	19	0	18.78	18.52	18.49	18.58	18.66	18.56	19.2
		1	36	0	18.67	18.52	18.39	18.47	18.56	18.46	19.2
		18	0	0.5	18.21	17.91	18.07	17.97	18.02	18.07	18.7
		18	10	0	18.73	18.56	18.52	18.43	18.61	18.63	19.2
		18	20	0.5	18.17	17.91	17.87	18.02	18.05	17.97	18.7
		36	0	0.5	18.26	18.13	18.13	18.08	17.98	17.96	18.7
	DFT-S QPSK	1	1	0	18.69	18.55	18.54	18.39	18.40	18.47	19.2
		1	19	0	18.73	18.63	18.54	18.53	18.62	18.55	19.2
		1	36	0	18.76	18.48	18.52	18.62	18.48	18.65	19.2
		18	0	1	17.78	17.53	17.66	17.62	17.64	17.54	18.2
		18	10	0	18.75	18.64	18.64	18.47	18.52	18.64	19.2
		18	20	1	17.76	17.46	17.64	17.64	17.55	17.49	18.2
		36	0	1	17.71	17.56	17.51	17.54	17.49	17.52	18.2
	DFT-S 16QAM	1	1	1	17.67	17.50	17.48	17.38	17.40	17.37	18.2
	DFT-S 64QAM	1	1	2.5	16.20	15.95	16.00	16.06	16.01	15.92	16.7
	DFT-S 256QAM	1	1	4.5	14.24	14.09	14.10	14.07	14.01	13.99	14.7
	CP QPSK	1	1	1.5	17.11	16.85	16.81	16.97	16.82	16.95	17.7

Band					5GNR n77						
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647000	647000	651500	656000	660500	665000	Tune-up Limit (dBm)
					3705.0	3705.0	3772.5	3840.0	3907.5	3975.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	18.68	18.41	18.56	18.58	18.55	18.51	19.2
		1	11	0	18.75	18.47	18.60	18.51	18.65	18.53	19.2
		1	22	0	18.72	18.57	18.54	18.58	18.61	18.61	19.2
		12	0	0.5	18.13	17.91	17.83	17.94	17.92	17.95	18.7
		12	6	0	18.64	18.52	18.41	18.54	18.45	18.47	19.2
		12	12	0.5	18.10	17.86	17.93	17.98	17.97	17.88	18.7
		24	0	0.5	18.22	18.10	17.99	18.11	18.00	17.94	18.7
	DFT-S QPSK	1	1	0	18.74	18.53	18.47	18.49	18.51	18.62	19.2
		1	11	0	18.64	18.42	18.52	18.40	18.36	18.38	19.2
		1	22	0	18.63	18.51	18.44	18.49	18.35	18.46	19.2
		12	0	1	17.61	17.37	17.32	17.41	17.43	17.47	18.2
		12	6	0	18.67	18.56	18.44	18.37	18.52	18.52	19.2
		12	12	1	17.75	17.56	17.65	17.47	17.58	17.55	18.2
		24	0	1	17.76	17.58	17.62	17.51	17.63	17.49	18.2
	DFT-S 16QAM	1	1	1	17.67	17.52	17.48	17.54	17.48	17.56	18.2
	DFT-S 64QAM	1	1	2.5	16.13	15.93	15.83	15.92	15.93	15.88	16.7
	DFT-S 256QAM	1	1	4.5	14.16	14.05	14.06	13.98	14.02	13.94	14.7
	CP QPSK	1	1	1.5	17.21	17.03	16.95	17.02	16.98	16.96	17.7

Band					5GNR n78	
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	650000	Tune-up Limit (dBm)
					3750.0	
100	DFT-S $\pi/2$ BPSK	1	1	0	19.00	19.3
		1	137	0	19.06	19.3
		1	271	0	19.08	19.3
		135	0	0.5	18.45	18.8
		135	69	0	19.02	19.3
		135	138	0.5	18.52	18.8
		270	0	0.5	18.43	18.8
	DFT-S QPSK	1	1	0	19.27	19.3
		1	137	0	18.92	19.3
		1	271	0	18.96	19.3
		135	0	1	18.02	18.3
		135	69	0	19.23	19.3
		135	138	1	18.02	18.3
		270	0	1	18.22	18.3
	DFT-S 16QAM	1	1	1	17.92	18.3
	DFT-S 64QAM	1	1	2.5	16.55	16.8
	DFT-S 256QAM	1	1	4.5	14.43	14.8
	CP QPSK	1	1	1.5	17.53	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649668	650000	650332	Tune-up Limit (dBm)
					3745.0	3750.0	3755.0	
90	DFT-S $\pi/2$ BPSK	1	1	0	18.71	18.91	18.71	19.3
		1	123	0	18.69	18.96	18.73	19.3
		1	243	0	18.89	19.08	18.85	19.3
		120	0	0.5	18.21	18.44	18.30	18.8
		120	63	0	18.76	19.01	18.85	19.3
		120	125	0.5	18.49	18.60	18.43	18.8
		243	0	0.5	18.29	18.48	18.37	18.8
	DFT-S QPSK	1	1	0	18.91	19.06	18.81	19.3
		1	123	0	18.83	19.10	18.98	19.3
		1	243	0	18.86	19.07	18.78	19.3
		120	0	1	17.72	18.00	17.83	18.3
		120	63	0	18.73	19.02	18.77	19.3
		120	125	1	17.97	18.10	17.85	18.3
		243	0	1	17.67	17.95	17.85	18.3
	DFT-S 16QAM	1	1	1	17.76	17.94	17.77	18.3
	DFT-S 64QAM	1	1	2.5	16.32	16.56	16.36	16.8
	DFT-S 256QAM	1	1	4.5	14.25	14.52	14.28	14.8
	CP QPSK	1	1	1.5	17.37	17.57	17.34	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649334	650000	650666	Tune-up Limit (dBm)
					3740.0	3750.0	3760.0	
80	DFT-S $\pi/2$ BPSK	1	1	0	18.76	19.06	18.95	19.3
		1	109	0	18.74	18.93	18.70	19.3
		1	215	0	18.76	18.94	18.77	19.3
		108	0	0.5	18.29	18.44	18.33	18.8
		108	55	0	18.73	19.00	18.73	19.3
		108	109	0.5	18.36	18.58	18.42	18.8
		216	0	0.5	18.31	18.57	18.37	18.8
	DFT-S QPSK	1	1	0	18.90	19.02	18.77	19.3
		1	109	0	18.89	19.02	18.80	19.3
		1	215	0	18.76	18.96	18.74	19.3
		108	0	1	17.65	17.90	17.75	18.3
		108	55	0	18.86	18.97	18.82	19.3
		108	109	1	17.89	18.01	17.80	18.3
		216	0	1	17.89	18.06	17.93	18.3
	DFT-S 16QAM	1	1	1	17.86	18.04	17.84	18.3
	DFT-S 64QAM	1	1	2.5	16.28	16.44	16.30	16.8
	DFT-S 256QAM	1	1	4.5	14.32	14.59	14.34	14.8
	CP QPSK	1	1	1.5	17.35	17.53	17.25	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	649000	650000	651000	Tune-up Limit (dBm)
					3735.0	3750.0	3765.0	
70	DFT-S $\pi/2$ BPSK	1	1	0	18.62	18.90	18.64	19.3
		1	95	0	18.80	19.03	18.74	19.3
		1	187	0	18.88	19.06	18.84	19.3
		90	0	0.5	18.41	18.59	18.31	18.8
		90	50	0	18.71	18.94	18.77	19.3
		90	99	0.5	18.27	18.40	18.11	18.8
		180	0	0.5	18.18	18.40	18.19	18.8
	DFT-S QPSK	1	1	0	18.90	19.06	18.79	19.3
		1	95	0	18.76	18.90	18.66	19.3
		1	187	0	18.82	18.95	18.80	19.3
		90	0	1	17.71	17.96	17.85	18.3
		90	50	0	18.68	18.93	18.75	19.3
		90	99	1	17.85	18.06	17.77	18.3
		180	0	1	17.92	18.09	17.92	18.3
	DFT-S 16QAM	1	1	1	17.79	17.98	17.74	18.3
	DFT-S 64QAM	1	1	2.5	16.15	16.40	16.13	16.8
	DFT-S 256QAM	1	1	4.5	14.37	14.58	14.46	14.8
	CP QPSK	1	1	1.5	17.47	17.58	17.37	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648668	650000	651332	Tune-up Limit (dBm)
					3730.0	3750.0	3770.0	
60	DFT-S $\pi/2$ BPSK	1	1	0	18.78	18.92	18.80	19.3
		1	81	0	18.84	19.08	18.97	19.3
		1	160	0	18.65	18.91	18.67	19.3
		81	0	0.5	18.43	18.54	18.35	18.8
		81	41	0	18.66	18.91	18.78	19.3
		81	81	0.5	18.39	18.49	18.28	18.8
		162	0	0.5	18.35	18.52	18.31	18.8
	DFT-S QPSK	1	1	0	18.85	19.00	18.82	19.3
		1	81	0	18.67	18.92	18.68	19.3
		1	160	0	18.93	19.09	18.92	19.3
		81	0	1	17.60	17.90	17.65	18.3
		81	41	0	18.82	18.93	18.79	19.3
		81	81	1	17.87	18.02	17.76	18.3
		162	0	1	17.65	17.92	17.73	18.3
	DFT-S 16QAM	1	1	1	17.96	18.08	17.83	18.3
	DFT-S 64QAM	1	1	2.5	16.33	16.60	16.31	16.8
	DFT-S 256QAM	1	1	4.5	14.29	14.53	14.37	14.8
	CP QPSK	1	1	1.5	17.48	17.59	17.30	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648334	650000	651666	Tune-up Limit (dBm)
					3725.0	3750.0	3775.0	
50	DFT-S $\pi/2$ BPSK	1	1	0	18.87	19.07	18.84	19.3
		1	67	0	18.79	19.01	18.87	19.3
		1	131	0	18.98	19.09	18.84	19.3
		64	0	0.5	18.31	18.56	18.31	18.8
		64	35	0	18.83	19.05	18.91	19.3
		64	69	0.5	18.22	18.40	18.13	18.8
		128	0	0.5	18.41	18.56	18.39	18.8
	DFT-S QPSK	1	1	0	18.71	18.92	18.80	19.3
		1	67	0	18.85	19.09	18.88	19.3
		1	131	0	18.81	19.10	18.82	19.3
		64	0	1	17.91	18.04	17.76	18.3
		64	35	0	18.91	19.02	18.82	19.3
		64	69	1	17.64	17.92	17.80	18.3
		128	0	1	17.69	17.96	17.80	18.3
	DFT-S 16QAM	1	1	1	17.78	17.94	17.75	18.3
	DFT-S 64QAM	1	1	2.5	16.30	16.46	16.23	16.8
	DFT-S 256QAM	1	1	4.5	14.36	14.49	14.20	14.8
	CP QPSK	1	1	1.5	17.11	17.41	17.26	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	648000	650000	652000	Tune-up Limit (dBm)
					3720.0	3750.0	3780.0	
40	DFT-S $\pi/2$ BPSK	1	1	0	18.72	18.90	18.69	19.3
		1	53	0	18.68	18.96	18.81	19.3
		1	104	0	18.71	19.00	18.80	19.3
		50	0	0.5	18.35	18.48	18.22	18.8
		50	28	0	18.85	19.05	18.75	19.3
		50	56	0.5	18.30	18.51	18.22	18.8
		100	0	0.5	18.45	18.58	18.28	18.8
	DFT-S QPSK	1	1	0	18.71	18.94	18.82	19.3
		1	53	0	18.72	19.00	18.81	19.3
		1	104	0	18.94	19.05	18.75	19.3
		50	0	1	17.82	18.05	17.84	18.3
		50	28	0	18.77	19.02	18.75	19.3
		50	56	1	17.87	18.04	17.93	18.3
		100	0	1	17.92	18.10	17.89	18.3
	DFT-S 16QAM	1	1	1	17.76	17.96	17.85	18.3
	DFT-S 64QAM	1	1	2.5	16.22	16.40	16.25	16.8
	DFT-S 256QAM	1	1	4.5	14.27	14.43	14.24	14.8
	CP QPSK	1	1	1.5	17.10	17.40	17.20	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647668	650000	652332	Tune-up Limit (dBm)
					3715.0	3750.0	3785.0	
30	DFT-S $\pi/2$ BPSK	1	1	0	18.99	19.10	18.91	19.3
		1	39	0	18.69	18.93	18.75	19.3
		1	76	0	18.76	19.02	18.72	19.3
		36	0	0.5	18.37	18.58	18.44	18.8
		36	21	0	18.85	18.99	18.75	19.3
		36	42	0.5	18.17	18.46	18.23	18.8
		75	0	0.5	18.31	18.45	18.28	18.8
	DFT-S QPSK	1	1	0	18.68	18.91	18.69	19.3
		1	39	0	18.91	19.09	18.95	19.3
		1	76	0	18.79	19.01	18.80	19.3
		36	0	1	17.81	18.10	17.92	18.3
		36	21	0	18.70	19.00	18.84	19.3
		36	42	1	17.83	18.00	17.75	18.3
		75	0	1	17.66	17.96	17.85	18.3
	DFT-S 16QAM	1	1	1	17.96	18.06	17.77	18.3
	DFT-S 64QAM	1	1	2.5	16.20	16.44	16.18	16.8
	DFT-S 256QAM	1	1	4.5	14.21	14.41	14.30	14.8
	CP QPSK	1	1	1.5	17.42	17.59	17.43	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647500	650000	652500	Tune-up Limit (dBm)
					3712.5	3750.0	3787.5	
25	DFT-S $\pi/2$ BPSK	1	1	0	18.71	18.92	18.71	19.3
		1	33	0	18.70	18.99	18.84	19.3
		1	63	0	18.81	18.96	18.81	19.3
		32	0	0.5	18.16	18.42	18.13	18.8
		32	17	0	18.75	19.05	18.88	19.3
		32	33	0.5	18.35	18.49	18.32	18.8
		64	0	0.5	18.29	18.52	18.34	18.8
	DFT-S QPSK	1	1	0	18.91	19.09	18.93	19.3
		1	33	0	18.81	18.93	18.82	19.3
		1	63	0	18.81	19.09	18.93	19.3
		32	0	1	17.90	18.06	17.77	18.3
		32	17	0	18.80	19.07	18.90	19.3
		32	33	1	17.83	18.03	17.82	18.3
		64	0	1	17.87	18.05	17.92	18.3
	DFT-S 16QAM	1	1	1	17.96	18.09	17.98	18.3
	DFT-S 64QAM	1	1	2.5	16.33	16.47	16.30	16.8
	DFT-S 256QAM	1	1	4.5	14.29	14.44	14.16	14.8
	CP QPSK	1	1	1.5	17.37	17.51	17.22	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647334	650000	652666	Tune-up Limit (dBm)
					3710.0	3750.0	3790.0	
20	DFT-S $\pi/2$ BPSK	1	1	0	18.94	19.10	18.82	19.3
		1	26	0	18.83	18.95	18.71	19.3
		1	49	0	18.90	19.08	18.90	19.3
		25	0	0.5	18.19	18.43	18.24	18.8
		25	13	0	18.73	18.94	18.70	19.3
		25	26	0.5	18.44	18.60	18.35	18.8
		50	0	0.5	18.41	18.59	18.30	18.8
	DFT-S QPSK	1	1	0	18.80	19.00	18.80	19.3
		1	26	0	18.74	18.90	18.64	19.3
		1	49	0	18.68	18.91	18.69	19.3
		25	0	1	17.83	18.02	17.73	18.3
		25	13	0	18.65	18.92	18.68	19.3
		25	26	1	17.75	17.94	17.71	18.3
		50	0	1	17.78	18.01	17.79	18.3
	DFT-S 16QAM	1	1	1	17.91	18.10	17.89	18.3
	DFT-S 64QAM	1	1	2.5	16.19	16.47	16.29	16.8
	DFT-S 256QAM	1	1	4.5	14.15	14.44	14.15	14.8
	CP QPSK	1	1	1.5	17.46	17.58	17.30	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647168	650000	652832	Tune-up Limit (dBm)
					3707.5	3750.0	3792.5	
15	DFT-S $\pi/2$ BPSK	1	1	0	18.71	18.93	18.75	19.3
		1	19	0	18.72	18.90	18.77	19.3
		1	36	0	18.64	18.93	18.77	19.3
		18	0	0.5	18.42	18.53	18.30	18.8
		18	10	0	18.80	18.96	18.68	19.3
		18	20	0.5	18.28	18.53	18.35	18.8
		36	0	0.5	18.19	18.40	18.21	18.8
	DFT-S QPSK	1	1	0	18.85	19.03	18.75	19.3
		1	19	0	18.89	19.08	18.83	19.3
		1	36	0	18.77	19.00	18.71	19.3
		18	0	1	17.76	18.05	17.78	18.3
		18	10	0	18.66	18.96	18.73	19.3
		18	20	1	17.97	18.10	17.95	18.3
		36	0	1	17.84	17.96	17.68	18.3
	DFT-S 16QAM	1	1	1	17.86	18.01	17.85	18.3
	DFT-S 64QAM	1	1	2.5	16.32	16.43	16.22	16.8
	DFT-S 256QAM	1	1	4.5	14.37	14.59	14.38	14.8
	CP QPSK	1	1	1.5	17.13	17.43	17.14	17.8

Band					5GNR n78			
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	647000	650000	653000	Tune-up Limit (dBm)
					3705.0	3750.0	3795.0	
10	DFT-S $\pi/2$ BPSK	1	1	0	18.92	19.07	18.82	19.3
		1	11	0	18.89	19.02	18.81	19.3
		1	22	0	18.91	19.09	18.87	19.3
		12	0	0.5	18.17	18.42	18.12	18.8
		12	6	0	18.94	19.04	18.74	19.3
		12	12	0.5	18.19	18.48	18.28	18.8
		24	0	0.5	18.19	18.47	18.32	18.8
	DFT-S QPSK	1	1	0	18.85	19.04	18.78	19.3
		1	11	0	18.95	19.06	18.78	19.3
		1	22	0	18.78	19.05	18.82	19.3
		12	0	1	17.86	18.02	17.85	18.3
		12	6	0	18.92	19.09	18.95	19.3
		12	12	1	17.92	18.03	17.81	18.3
		24	0	1	17.68	17.96	17.70	18.3
	DFT-S 16QAM	1	1	1	17.89	18.04	17.91	18.3
	DFT-S 64QAM	1	1	2.5	16.36	16.49	16.27	16.8
	DFT-S 256QAM	1	1	4.5	14.32	14.50	14.31	14.8
	CP QPSK	1	1	1.5	17.18	17.46	17.27	17.8

BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPP (dB)	NR Band 38, UL MIMO									Tune-up Limit (dBm)
					516000			519000			52200			
					2580.00			2585.00			2610			
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	
20	CP QPSK	1	1	0	21.55	18.55	23.31	21.53	18.62	23.32	21.45	18.56	23.25	25
		1	26	0	21.53	18.51	23.29	21.46	18.60	23.27	21.42	18.53	23.22	25
		1	49	0	21.52	18.49	23.27	21.42	18.53	23.22	21.40	18.52	23.20	25
		50	0	0.5	21.32	22.95	25.22	21.31	18.31	23.07	21.25	18.25	23.01	24.5
		50	13	0	21.42	18.53	23.22	21.45	18.60	23.27	21.41	18.56	23.23	25
		50	26	0.5	21.26	22.94	25.19	21.30	18.26	23.05	21.22	18.20	22.98	24.5
		100	0	0.5	21.24	22.89	25.15	21.25	18.24	23.01	21.18	18.12	22.92	24.5

BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPE (dB)	NR Band 41 UL MIMO																		Tune-up Limit (dBm)												
					509202						513900						518598							523302						528000					
					2544.01						2569.50						2592.99							2618.51						2640					
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total		TX1	TX2	Total									
100	CP QPSK	1	1	0	20.92	21.08	24.01	21.03	21.08	24.07	21.06	21.10	24.09	21.19	21.27	24.24	21.14	21.24	24.20	24.8															
		1	137	0	20.91	20.94	23.94	21.00	20.94	23.98	21.03	21.04	24.05	21.16	21.25	24.22	21.11	21.15	24.14	24.8															
		1	271	0	20.72	20.85	23.80	20.88	20.93	23.92	20.91	20.95	23.94	21.04	21.19	24.13	20.99	21.16	24.09	24.8															
		135	0	0.5	19.94	19.94	22.95	19.85	20.05	22.96	20.01	20.07	23.05	20.16	20.19	23.19	20.11	20.12	23.13	24.3															
		135	69	0	20.82	20.98	23.91	21.00	20.92	23.97	21.03	21.07	24.06	21.16	21.22	24.20	21.05	21.19	24.13	24.8															
		135	138	0.5	19.85	19.72	22.80	19.62	19.84	22.74	19.75	19.86	22.82	19.85	20.05	23.01	19.80	19.94	22.93	24.3															
270	0	0.5	19.81	19.75	22.79	19.63	19.83	22.74	19.76	19.85	22.82	19.84	20.02	22.99	19.88	19.89	22.95	24.3																	

		NR Band 48 UL MIMO																
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	638000			640444			642888			645332			Tune-up Limit (dBm)	
					3570.90			3606.66			3642.32			3678.98				
					TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total	TX1	TX2	Total		
40	CP QPSK	1	1	0	15.33	15.30	18.33	15.29	15.28	18.30	15.35	15.35	18.36	15.22	15.16	18.20	18.6	
		1	53	0	15.02	15.25	18.15	15.14	15.23	18.20	15.20	15.30	18.26	14.91	15.11	18.02	18.6	
		1	104	0	15.03	15.04	18.05	14.99	15.12	18.07	15.05	15.19	18.13	14.92	14.90	17.92	18.6	
		50	0	0.5	14.19	14.22	17.22	14.15	14.13	17.15	14.21	14.26	17.25	14.08	14.08	17.09	18.1	
		50	28	0	14.99	15.12	18.07	14.95	15.10	18.04	15.01	15.17	18.10	14.88	14.98	17.94	18.6	
		50	56	0.5	14.11	14.05	17.09	14.05	14.12	17.10	14.13	14.17	17.16	14.00	13.91	16.97	18.1	
		100	0	0.5	14.07	14.05	17.07	14.03	14.03	17.04	14.09	14.10	17.11	13.96	13.71	16.85	18.1	

BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPE (dB)	NR Band 77, UL MIMO																		Tune-up Limit (dBm)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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					TX1		TX2		Total		TX1		TX2		Total		TX1		TX2		Total			TX1		TX2		Total		TX1		TX2		Total		TX1		TX2		Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
100	CP QPSK	1	1	0	15.51	15.53	18.53	15.51	15.46	18.50	15.65	15.65	18.66	15.53	15.53	18.54	15.55	15.55	18.56	15.25	15.25	18.26	19.2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

NR Band 78, UL MIMO							
BW (MHz)	Modulation	RB Size	RB Offset	3GPP MPR (dB)	E590000		
					3750.00		
					TX1	TX2	Total
100	CP QPSK	1	1	0	15.59	15.68	18.65
		1	137	0	15.54	15.70	18.63
		1	271	0	15.51	15.68	18.61
		135	0	0.5	14.48	14.65	17.58
		135	69	0	15.45	15.65	18.56
		135	138	0.5	14.37	14.57	17.48
		270	0	0.5	15.28	15.46	18.38
		270	0	0.5	15.28	15.46	18.38