ANT 7

GSM: ant 7 Full Power

Band: PCS 850	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	128	190	251	128	190	251
Frequency (MHz)	824.2	836.6	848.8	824.2	836.6	848.8
GSM (GMSK, Voice)	32.80	**33.14**	32.97	23.77	24.11	23.94
GPRS (GMSK, 1 TX slot)	32.77	33.14	32.97	23.74	24.11	23.94
GPRS (GMSK, 2 TX slots)	31.92	32.29	32.11	25.90	26.27	26.09
GPRS (GMSK, 3 TX slots)	30.07	30.42	30.24	25.81	26.16	25.98
GPRS (GMSK, 4 TX slots)	29.00	**29.36**	29.19	25.99	**26.35**	26.18
EGPRS (8PSK, 1 TX slot)	27.60	27.76	27.79	18.57	18.73	18.76
EGPRS (8PSK, 2 TX slots)	26.62	26.58	26.60	20.60	20.56	20.58
EGPRS (8PSK, 3 TX slots)	24.45	24.42	24.45	20.19	20.16	20.19
EGPRS (8PSK, 4 TX slots)	23.31	23.31	23.34	20.30	20.30	20.33

Band: PCS 1900	Burst Average Power (dBm)			Frame-Average Power(dBm)		
Channel	512	661	810	512	661	810
Frequency (MHz)	1850.2	1880	1909.8	1850.2	1880	1909.8
GSM (GMSK, Voice)	**30.04**	29.62	29.70	21.01	20.59	20.67
GPRS (GMSK, 1 TX slot)	30.04	29.66	29.71	21.01	20.63	20.68
GPRS (GMSK, 2 TX slots)	29.25	28.86	28.93	23.23	22.84	22.91
GPRS (GMSK, 3 TX slots)	27.33	26.96	27.03	23.07	22.70	22.77
GPRS (GMSK, 4 TX slots)	**26.26**	25.93	25.96	**23.25**	22.92	22.95
EGPRS (8PSK, 1 TX slot)	25.47	25.23	25.31	16.44	16.20	16.28
EGPRS (8PSK, 2 TX slots)	24.36	24.16	24.19	18.34	18.14	18.17
EGPRS (8PSK, 3 TX slots)	22.06	21.93	21.99	17.80	17.67	17.73
EGPRS (8PSK, 4 TX slots)	20.86	20.66	20.77	17.85	17.65	17.76

WCDMA: ant 7 Full Power

WCDMA Average power (dBm)									
Band	WCDMA Band V			WCDMA Band IV			WCDMA Band II		
Channel	4132	4183	4233	1312	1413	1513	9262	9400	9538
Frequency (MHz)	826.4	836.6	846.6	1712.4	1732.6	1752.6	1852.4	1880	1907.6
AMR 12.2 kbps	22.94	23.00	23.04	22.47	22.46	22.45	22.71	22.45	22.21
RMC 12.2 kbps	22.91	**23.03**	23.03	22.46	22.47	**22.49**	**22.73**	22.48	22.60
HSDPA Sub-test 1	21.96	22.09	22.10	21.49	21.50	21.48	21.73	21.52	21.59
HSDPA Sub-test 2	21.43	21.57	21.58	20.96	20.99	20.99	21.22	20.97	21.02
HSDPA Sub-test 3	21.48	21.62	21.60	21.03	21.05	21.02	21.23	20.98	21.02
HSDPA Sub-test 4	21.44	21.56	21.58	20.98	21.01	20.97	21.19	20.94	21.07
HSUPA Sub-test 1	19.93	20.07	20.07	19.61	19.63	19.45	19.64	19.40	19.46
HSUPA Sub-test 2	20.44	20.56	20.55	19.96	19.99	19.95	20.17	19.91	20.03
HSUPA Sub-test 3	20.97	21.08	21.07	20.46	20.45	20.45	20.70	20.45	20.51
HSUPA Sub-test 4	19.98	20.12	20.11	19.61	19.64	19.47	19.71	19.45	19.51
HSUPA Sub-test 5	21.98	22.10	22.10	21.48	21.51	21.50	21.68	21.44	21.53

ANT 7

LTE Band 2 part ant 7 Full Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18607	18900	19193
					1850.7MHz	1880.0MHz	1909.3MHz
Band 2	1.4	QPSK	1	0	23.64	23.45	23.73
			1	2	23.59	23.44	23.67
			1	5	23.62	23.46	23.74
			3	0	23.67	23.49	23.77
			3	1	23.67	23.49	23.78
			3	2	23.68	23.49	23.76
			6	0	22.64	22.50	22.75
		16QAM	1	0	22.51	22.38	22.63
			1	2	22.51	22.40	22.64
			1	5	22.51	22.38	22.66
			3	0	22.48	22.29	22.59
			3	1	22.47	22.29	22.57
			3	2	22.49	22.32	22.59
			6	0	21.44	21.47	21.54
		64QAM	1	0	21.34	21.71	21.47
			1	2	21.38	21.70	21.50
			1	5	21.35	21.69	21.46
			3	0	21.46	21.36	21.57
			3	1	21.41	21.35	21.56
			3	2	21.42	21.37	21.51
			6	0	20.40	20.24	20.49

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18615	18900	19185
					1851.5MHz	1880.0MHz	1908.5MHz
Band 2	3	QPSK	1	0	23.76	23.58	23.63
			1	7	23.72	23.60	23.66
			1	14	23.69	23.58	23.66
			8	0	22.70	22.54	22.78
			8	4	22.68	22.53	22.80
			8	7	22.62	22.52	22.75
			15	0	22.68	22.50	22.77
		16QAM	1	0	22.75	22.52	22.42
			1	7	22.70	22.43	22.49
			1	14	22.71	22.41	22.50
			8	0	21.74	21.48	21.77
			8	4	21.69	21.50	21.77
			8	7	21.69	21.50	21.74
			15	0	21.69	21.46	21.64
		64QAM	1	0	21.59	21.25	21.88
			1	7	21.55	21.31	21.95
			1	14	21.53	21.28	21.96
			8	0	20.63	20.49	20.72
			8	4	20.63	20.49	20.69
			8	7	20.59	20.45	20.70
			15	0	20.73	20.47	20.65

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18625	18900	19175
					1852.5MHz	1880.0MHz	1907.5MHz
Band 2	5	QPSK	1	0	23.91	23.67	23.85
			1	12	23.85	23.64	23.88
			1	24	23.81	23.61	23.92
			12	0	22.72	22.57	22.82
			12	6	22.70	22.54	22.78
			12	11	22.72	22.59	22.76
			25	0	22.68	22.60	22.78
		16QAM	1	0	22.66	22.64	22.68
			1	12	22.60	22.66	22.72
			1	24	22.59	22.62	22.70
			12	0	21.66	21.58	21.77
			12	6	21.71	21.57	21.75
			12	11	21.72	21.57	21.75
			25	0	21.68	21.54	21.78
		64QAM	1	0	21.55	21.96	21.84
			1	12	21.48	21.93	21.89
			1	24	21.45	21.91	21.87
			12	0	20.66	20.55	20.78
			12	6	20.68	20.52	20.76
			12	11	20.67	20.53	20.75
			25	0	20.63	20.53	20.74

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18650	18900	19150
					1855.0MHz	1880.0MHz	1905.0MHz
Band 2	10	QPSK	1	0	23.76	23.56	23.60
			1	24	23.70	23.63	23.72
			1	49	23.63	23.55	23.69
			25	0	22.69	22.53	22.69
			25	12	22.67	22.54	22.66
			25	24	22.68	22.53	22.69
			50	0	22.67	22.53	22.79
		16QAM	1	0	22.76	22.39	22.35
			1	24	22.68	22.51	22.52
			1	49	22.61	22.42	22.49
			25	0	21.65	21.55	21.73
			25	12	21.67	21.53	21.71
			25	24	21.64	21.52	21.71
			50	0	21.63	21.51	21.76
		64QAM	1	0	21.55	21.28	21.73
			1	24	21.54	21.39	21.95
			1	49	21.39	21.27	21.99
			25	0	20.66	20.48	20.65
			25	12	20.64	20.46	20.66
			25	24	20.64	20.48	20.65
			50	0	20.59	20.47	20.70

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18675	18900	19125
					1857.5MHz	1880.0MHz	1902.5MHz
Band 2	15	QPSK	1	0	23.72	23.40	23.48
			1	37	23.69	23.48	23.62
			1	74	23.56	23.40	23.66
			36	0	22.63	22.52	22.56
			36	16	22.58	22.52	22.56
			36	35	22.58	22.47	22.52
			75	0	22.61	22.52	22.63
		16QAM	1	0	22.71	22.58	22.30
			1	37	22.69	22.65	22.43
			1	74	22.57	22.58	22.49
			36	0	21.64	21.53	21.54
			36	16	21.64	21.53	21.53
			36	35	21.57	21.53	21.56
			75	0	21.57	21.52	21.64
		64QAM	1	0	21.52	21.49	21.65
			1	37	21.43	21.55	21.84
			1	74	21.34	21.44	21.93
			36	0	20.64	20.45	20.55
			36	16	20.64	20.49	20.55
			36	35	20.60	20.47	20.55
			75	0	20.53	20.50	20.62

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					18700	18900	19100
					1860.0MHz	1880.0MHz	1900.0MHz
Band 2	20	QPSK	1	0	23.66	23.51	23.39
			1	49	23.70	23.58	23.60
			1	99	23.54	23.46	23.63
			50	0	22.60	22.53	22.60
			50	24	22.58	22.50	22.61
			50	49	22.59	22.49	22.59
			100	0	22.62	22.52	22.61
		16QAM	1	0	22.48	22.69	22.22
			1	49	22.51	22.81	22.50
			1	99	22.34	22.70	22.55
			50	0	21.56	21.51	21.63
			50	24	21.55	21.47	21.61
			50	49	21.56	21.53	21.62
			100	0	21.57	21.49	21.60
		64QAM	1	0	21.67	21.71	21.17
			1	49	21.70	21.79	21.39
			1	99	21.54	21.68	21.48
			50	0	20.54	20.48	20.58
			50	24	20.54	20.49	20.56
			50	49	20.53	20.50	20.58
			100	0	20.53	20.51	20.57

LTE Band 5 part ant 7 Full Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20407	20525	20643
					824.7MHz	836.5MHz	848.3MHz
Band 5	1.4	QPSK	1	0	23.72	23.91	23.74
			1	2	23.70	23.88	23.72
			1	5	23.71	23.88	23.72
			3	0	23.77	23.91	23.74
			3	1	23.79	23.90	23.76
			3	2	23.78	23.93	23.75
			6	0	22.82	22.90	22.94
		16QAM	1	0	22.65	22.76	22.59
			1	2	22.65	22.79	22.57
			1	5	22.66	22.75	22.58
			3	0	22.60	22.73	22.84
			3	1	22.59	22.70	22.81
			3	2	22.60	22.71	22.83
			6	0	21.78	21.71	21.85
		64QAM	1	0	22.02	21.63	22.13
			1	2	21.95	21.64	22.07
			1	5	22.01	21.60	22.09
			3	0	21.67	21.67	21.87
			3	1	21.67	21.68	21.85
			3	2	21.67	21.69	21.86
			6	0	20.56	20.68	20.77

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20415	20525	20635
					825.5MHz	836.5MHz	847.5MHz
Band 5	3	QPSK	1	0	23.81	23.94	23.78
			1	7	23.85	23.89	23.77
			1	14	23.87	23.91	23.75
			8	0	22.72	22.84	22.84
			8	4	22.74	22.82	22.85
			8	7	22.78	22.86	22.83
			15	0	22.74	22.85	22.89
		16QAM	1	0	22.85	22.79	22.60
			1	7	22.86	22.72	22.57
			1	14	22.84	22.74	22.65
			8	0	21.76	21.80	21.85
			8	4	21.79	21.78	21.87
			8	7	21.79	21.82	21.85
			15	0	21.76	21.75	21.80
		64QAM	1	0	21.65	21.54	22.07
			1	7	21.70	21.60	22.06
			1	14	21.71	21.62	22.13
			8	0	20.73	20.80	20.84
			8	4	20.72	20.78	20.82
			8	7	20.73	20.84	20.83
			15	0	20.79	20.82	20.80

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20425	20525	20625
					826.5MHz	836.5MHz	846.5MHz
Band 5	5	QPSK	1	0	23.97	23.94	23.91
			1	12	23.99	23.96	24.07
			1	24	24.05	23.98	24.10
			12	0	22.63	22.49	22.51
			12	6	22.75	22.89	22.96
			12	11	22.81	22.86	22.95
			25	0	22.82	22.87	22.89
		16QAM	1	0	22.76	22.91	22.86
			1	12	22.73	22.98	22.80
			1	24	22.80	22.99	22.88
			12	0	21.78	21.92	21.92
			12	6	21.74	21.89	21.91
			12	11	21.73	21.90	21.92
			25	0	21.81	21.94	21.87
		64QAM	1	0	21.61	22.23	22.00
			1	12	21.61	22.26	21.96
			1	24	21.72	22.28	21.97
			12	0	20.77	20.87	20.95
			12	6	20.77	20.88	20.96
			12	11	20.76	20.88	20.96
			25	0	20.80	20.84	20.89

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20450	20525	20600
					829MHz	836.5MHz	844MHz
Band 5	10	QPSK	1	0	23.83	23.86	23.82
			1	24	23.96	23.95	23.82
			1	49	23.89	23.92	23.78
			25	0	22.74	22.86	22.88
			25	12	22.74	22.85	22.89
			25	24	22.74	22.87	22.86
			50	0	22.78	22.88	22.89
		16QAM	1	0	22.82	22.67	22.60
			1	24	22.90	22.77	22.61
			1	49	22.91	22.76	22.62
			25	0	21.73	21.89	21.91
			25	12	21.72	21.88	21.91
			25	24	21.69	21.85	21.91
			50	0	21.77	21.86	21.88
		64QAM	1	0	21.63	21.57	22.02
			1	24	21.77	21.66	22.08
			1	49	21.74	21.70	22.09
			25	0	20.71	20.84	20.82
			25	12	20.74	20.84	20.80
			25	24	20.69	20.86	20.82
			50	0	20.73	20.84	20.84

LTE Band 7 part ant 7 Full Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20775	21100	21425
					2502.5MHz	2535MHz	2567.5MHz
Band 7	5	QPSK	1	0	23.79	23.69	23.71
			1	12	23.80	23.67	23.78
			1	24	23.81	23.69	23.79
			12	0	22.64	22.57	22.70
			12	6	22.62	22.55	22.70
			12	11	22.62	22.58	22.69
			25	0	22.58	22.53	22.66
		16QAM	1	0	22.58	22.62	22.54
			1	12	22.58	22.61	22.55
			1	24	22.59	22.66	22.62
			12	0	21.67	21.62	21.68
			12	6	21.66	21.61	21.68
			12	11	21.66	21.61	21.68
			25	0	21.66	21.54	21.69
		64QAM	1	0	21.51	21.90	21.67
			1	12	21.53	21.87	21.71
			1	24	21.55	21.93	21.74
			12	0	20.67	20.60	20.68
			12	6	20.57	20.61	20.69
			12	11	20.66	20.61	20.70
			25	0	20.64	20.51	20.68

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20800	21100	21400
					2505MHz	2535MHz	2565MHz
Band 7	10	QPSK	1	0	23.81	23.54	23.39
			1	24	23.77	23.60	23.50
			1	49	23.73	23.54	23.50
			25	0	22.68	22.62	22.62
			25	12	22.71	22.62	22.64
			25	24	22.68	22.63	22.64
			50	0	22.74	22.60	22.67
		16QAM	1	0	22.70	22.40	22.26
			1	24	22.73	22.44	22.34
			1	49	22.69	22.40	22.40
			25	0	21.66	21.63	21.67
			25	12	21.67	21.61	21.68
			25	24	21.68	21.62	21.68
			50	0	21.69	21.57	21.68
		64QAM	1	0	21.61	21.29	21.79
			1	24	21.65	21.35	21.90
			1	49	21.59	21.34	21.95
			25	0	20.67	20.57	20.61
			25	12	20.67	20.59	20.59
			25	24	20.69	20.57	20.62
			50	0	20.64	20.54	20.60

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20825	21100	21375
					2507.5MHz	2535MHz	2562.5MHz
Band 7	15	QPSK	1	0	23.66	23.34	23.31
			1	37	23.71	23.43	23.44
			1	74	23.62	23.35	23.44
			36	0	22.63	22.49	22.51
			36	16	22.60	22.54	22.47
			36	35	22.60	22.55	22.49
			75	0	22.63	22.51	22.57
		16QAM	1	0	22.62	22.91	22.20
			1	37	22.68	22.64	22.33
			1	74	22.58	22.58	22.33
			36	0	21.62	21.58	21.77
			36	16	21.60	21.63	21.51
			36	35	21.63	21.61	21.50
			75	0	21.59	21.54	21.78
		64QAM	1	0	21.55	21.50	21.70
			1	37	21.58	21.58	21.87
			1	74	21.48	21.91	21.83
			36	0	20.62	20.49	20.43
			36	16	20.63	20.50	20.48
			36	35	20.66	20.56	20.45
			75	0	20.59	20.51	20.53

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20850	21100	21350
					2510MHz	2535MHz	2560MHz
Band 7	20	QPSK	1	0	23.70	23.41	23.33
			1	49	23.77	23.53	23.44
			1	99	23.69	23.44	23.46
			50	0	22.64	22.56	22.54
			50	24	22.64	22.54	22.57
			50	49	22.68	22.60	22.58
			100	0	22.65	22.50	22.55
		16QAM	1	0	22.49	22.74	22.29
			1	49	22.55	22.83	22.45
			1	99	22.45	22.77	22.50
			50	0	21.62	21.60	21.61
			50	24	21.62	21.59	21.60
			50	49	21.61	21.60	21.60
			100	0	21.62	21.47	21.57
		64QAM	1	0	21.64	21.66	21.19
			1	49	21.70	21.77	21.34
			1	99	21.61	21.73	21.39
			50	0	20.63	20.58	20.55
			50	24	20.61	20.58	20.54
			50	49	20.61	20.58	20.55
			100	0	20.59	20.48	20.52

LTE Band 12 part ant 7 Full Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23017	23095	23175
					699.7MHz	707.5MHz	715.3MHz
Band 12	1.4	QPSK	1	0	24.07	24.04	23.80
			1	12	24.03	24.03	23.79
			1	24	24.08	24.02	23.80
			12	0	24.13	24.07	23.90
			12	6	24.12	24.10	23.92
			12	11	24.12	24.11	23.90
			25	0	23.12	23.04	23.03
		16QAM	1	0	23.01	22.89	22.64
			1	12	23.05	22.92	22.67
			1	24	22.98	22.90	22.68
			12	0	22.96	22.89	22.84
			12	6	22.94	22.89	22.84
			12	11	22.96	22.87	22.81
			25	0	22.13	21.84	21.93
		64QAM	1	0	22.37	21.75	22.11
			1	12	22.34	21.76	22.16
			1	24	22.33	21.72	22.19
			12	0	22.00	21.84	21.96
			12	6	21.93	21.85	21.96
			12	11	22.03	21.83	21.96
			25	0	20.94	20.86	20.84

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23025	23095	23165
					700.5MHz	707.5MHz	714.5MHz
Band 12	3	QPSK	1	0	24.20	24.06	23.87
			1	24	24.19	24.06	23.82
			1	49	24.19	24.06	23.82
			25	0	23.10	23.02	22.97
			25	12	23.10	23.02	22.98
			25	24	23.10	23.00	22.96
			50	0	23.10	23.01	22.98
		16QAM	1	0	23.22	22.98	22.71
			1	24	23.23	22.90	22.68
			1	49	23.15	22.85	22.72
			25	0	22.14	21.97	21.96
			25	12	22.14	21.99	21.97
			25	24	22.14	21.98	21.95
			50	0	22.13	21.91	21.94
		64QAM	1	0	22.02	21.78	22.18
			1	24	22.05	21.78	22.21
			1	49	22.05	21.78	22.22
			25	0	21.10	21.03	20.91
			25	12	21.10	21.02	20.92
			25	24	21.12	21.00	20.92
			50	0	21.19	21.00	20.87

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23035	23095	23155
					701.5MHz	707.5MHz	713.5MHz
Band 12	5	QPSK	1	0	24.37	24.16	24.10
			1	37	24.32	24.12	24.15
			1	74	24.32	24.12	24.18
			36	0	23.11	23.09	23.09
			36	16	23.08	23.08	23.06
			36	35	23.10	23.09	23.07
			75	0	23.08	23.01	23.02
		16QAM	1	0	23.12	23.17	22.95
			1	37	23.09	23.12	22.94
			1	74	23.10	23.13	22.96
			36	0	22.06	22.12	22.04
			36	16	22.06	22.11	22.05
			36	35	22.06	22.07	22.05
			75	0	22.07	21.97	21.97
		64QAM	1	0	21.99	22.47	22.12
			1	37	21.96	22.39	22.08
			1	74	21.97	22.38	22.09
			36	0	21.11	21.06	21.05
			36	16	21.11	21.10	21.05
			36	35	21.11	21.11	21.05
			75	0	21.08	21.03	20.98

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					23060	23095	23130
					704MHz	707.5MHz	711MHz
Band 12	10	QPSK	1	0	24.18	24.00	23.99
			1	49	24.17	24.08	23.95
			1	99	24.10	24.02	23.88
			50	0	23.08	23.01	23.00
			50	24	23.08	23.03	23.01
			50	49	23.08	23.03	23.01
			100	0	23.07	23.05	23.04
		16QAM	1	0	23.18	22.87	22.75
			1	49	23.14	22.94	22.73
			1	99	23.11	22.85	22.71
			50	0	22.04	22.07	22.05
			50	24	22.04	22.06	22.05
			50	49	22.06	22.04	22.03
			100	0	22.05	22.02	22.00
		64QAM	1	0	21.99	21.79	22.20
			1	49	21.95	21.79	22.18
			1	99	21.93	21.74	22.20
			50	0	21.07	21.04	21.01
			50	24	21.09	21.05	21.01
			50	49	21.09	21.05	21.01
			100	0	21.07	21.04	20.98

LTE Band 41 part ant 7 Full Power

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)			
					39675	40148	40620	41093	41565
					2498.5MHz	2545.5MHz	2593.0MHz	2640.3MHz	2687.5MHz
Band 41	5	QPSK	1	0	23.50	23.49	23.90	23.62	23.47
			1	12	23.51	23.49	23.90	23.63	23.47
			1	24	23.50	23.48	23.89	23.62	23.46
			12	0	22.58	22.59	22.58	22.58	22.59
			12	6	22.59	22.59	22.58	22.59	22.59
			12	11	22.57	22.59	22.58	22.58	22.60
			25	0	22.58	22.57	22.58	22.57	22.56
		16QAM	1	0	22.63	22.60	22.80	22.66	22.56
			1	12	22.61	22.58	22.81	22.66	22.55
			1	24	22.61	22.58	22.80	22.65	22.55
			12	0	21.66	21.67	21.61	21.65	21.67
			12	6	21.64	21.64	21.58	21.62	21.64
			12	11	21.65	21.65	21.61	21.63	21.64
			25	0	21.58	21.57	21.60	21.58	21.56
		64QAM	1	0	22.06	22.03	21.77	21.94	22.00
			1	12	22.04	22.03	21.78	21.94	22.01
			1	24	22.07	22.05	21.76	21.95	22.03
			12	0	20.68	20.68	20.57	20.64	20.68
			12	6	20.69	20.69	20.55	20.64	20.69
			12	11	20.69	20.69	20.56	20.65	20.69
			25	0	20.51	20.52	20.59	20.54	20.52

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)			
					39700	40160	40620	41080	41540
					2501.0MHz	2547.0MHz	2593.0MHz	2639.0MHz	2685.0MHz
Band 41	10	QPSK	1	0	23.30	23.22	23.57	23.33	23.13
			1	24	23.37	23.23	23.68	23.38	23.08
			1	49	23.29	23.15	23.58	23.29	23.01
			25	0	22.19	22.17	22.47	22.27	22.15
			25	12	22.19	22.18	22.45	22.27	22.16
			25	24	22.19	22.17	22.47	22.27	22.15
			50	0	22.19	22.18	22.46	22.27	22.16
		16QAM	1	0	22.30

NR a5 part ant 7 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					165800	167300	168800
					829MHz	836.5MHz	844MHz
n5	30	10	12@6	DFT_BPSK	23.02	22.95	22.85
			1@1	DFT_BPSK	22.95	22.84	22.75
			1@22	DFT_BPSK	22.91	22.80	22.93
			12@6	DFT_QPSK	23.03	22.96	22.89
			1@1	DFT_QPSK	22.86	22.77	22.65
			1@22	DFT_QPSK	22.82	22.66	22.72
			12@6	DFT_QAM16	22.05	21.88	21.91
			1@1	DFT_QAM16	21.99	21.91	21.99
			1@22	DFT_QAM16	22.01	21.86	22.04
			12@6	DFT_QAM64	20.52	20.40	20.27
			1@1	DFT_QAM64	20.65	20.33	20.56
			1@22	DFT_QAM64	20.55	20.59	20.63
			12@6	DFT_QAM256	18.60	18.46	18.49
			1@1	DFT_QAM256	18.90	18.94	18.88
			1@22	DFT_QAM256	18.81	18.89	18.91
			12@6	CP_QPSK	21.53	21.41	21.48
			1@1	CP_QPSK	21.39	21.26	21.35
			1@22	CP_QPSK	21.24	21.30	21.39
			12@6	CP_QAM16	21.12	20.79	20.88
			1@1	CP_QAM16	21.15	21.14	20.99
			1@22	CP_QAM16	21.09	20.99	21.08
			12@6	CP_QAM64	19.57	19.41	19.27
			1@1	CP_QAM64	19.85	19.43	19.33
			1@22	CP_QAM64	19.75	19.31	19.45
			12@6	CP_QAM256	16.68	16.46	16.52
			1@1	CP_QAM256	16.78	16.63	16.51
			1@22	CP_QAM256	16.69	16.56	16.64

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					166300	167300	168300
					831.5MHz	836.5MHz	841.5MHz
n5	30	15	18@9	DFT_BPSK	22.95	22.89	22.88
			1@1	DFT_BPSK	22.97	22.84	22.87
			1@36	DFT_BPSK	22.81	22.83	22.89
			18@9	DFT_QPSK	22.92	22.84	22.86
			1@1	DFT_QPSK	22.87	22.78	22.73
			1@36	DFT_QPSK	22.65	22.65	22.72
			18@9	DFT_QAM16	22.02	21.87	21.94
			1@1	DFT_QAM16	22.01	22.01	21.93
			1@36	DFT_QAM16	21.80	22.03	21.91
			18@9	DFT_QAM64	20.39	20.39	20.35
			1@1	DFT_QAM64	20.65	20.63	20.59
			1@36	DFT_QAM64	20.48	20.47	20.58
			18@9	DFT_QAM256	18.55	18.39	18.47
			1@1	DFT_QAM256	18.83	18.80	18.94
			1@36	DFT_QAM256	18.60	18.88	18.91
			18@9	CP_QPSK	21.46	21.35	21.45
			1@1	CP_QPSK	21.49	21.31	21.26
			1@36	CP_QPSK	21.21	21.27	21.27
			18@9	CP_QAM16	20.99	21.03	20.94
			1@1	CP_QAM16	21.11	21.03	21.06
			1@36	CP_QAM16	20.85	20.91	21.08
			18@9	CP_QAM64	19.43	19.30	19.37
			1@1	CP_QAM64	19.44	19.42	19.39
			1@36	CP_QAM64	19.1	19.25	19.39
			18@9	CP_QAM256	16.46	16.42	16.44
			1@1	CP_QAM256	16.57	16.60	16.58
			1@36	CP_QAM256	16.47	16.30	16.47

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					166800	167300	167800
					834MHz	836.5MHz	839MHz
n5	30	20	25@12	DFT_BPSK	22.93	22.98	22.87
			1@1	DFT_BPSK	22.86	22.93	22.85
			1@49	DFT_BPSK	22.70	22.65	22.81
			25@12	DFT_QPSK	22.91	22.95	22.85
			1@1	DFT_QPSK	22.84	22.75	22.74
			1@49	DFT_QPSK	22.60	22.61	22.77
			25@12	DFT_QAM16	22.00	21.90	21.90
			1@1	DFT_QAM16	22.07	22.18	21.95
			1@49	DFT_QAM16	21.92	21.87	21.87
			25@12	DFT_QAM64	20.51	20.51	20.28
			1@1	DFT_QAM64	20.78	20.77	20.61
			1@49	DFT_QAM64	20.61	20.62	20.50
			25@12	DFT_QAM256	18.42	18.49	18.45
			1@1	DFT_QAM256	19.03	18.97	18.74
			1@49	DFT_QAM256	18.64	18.72	18.87
			25@12	CP_QPSK	21.43	21.37	21.41
			1@1	CP_QPSK	21.41	21.31	21.25
			1@49	CP_QPSK	21.25	21.25	21.27
			25@12	CP_QAM16	20.89	20.93	20.95
			1@1	CP_QAM16	21.12	21.13	20.89
			1@49	CP_QAM16	20.97	20.85	21.11
			25@12	CP_QAM64	19.47	19.47	19.32
			1@1	CP_QAM64	19.35	19.33	19.41
			1@49	CP_QAM64	19.17	19.08	19.71
			25@12	CP_QAM256	16.57	16.35	16.33
			1@1	CP_QAM256	16.57	16.64	16.57
			1@49	CP_QAM256	16.47	16.43	16.48

NR n7 part ant 7 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					501000	507000	513000
					2505MHz	2535MHz	2565MHz
n7	30	10	12@6	DFT_BPSK	23.05	22.93	23.00
			1@1	DFT_BPSK	22.92	22.82	22.81
			1@22	DFT_BPSK	22.95	22.79	22.89
			12@6	DFT_QPSK	23.08	22.95	23.10
			1@1	DFT_QPSK	22.92	22.84	22.82
			1@22	DFT_QPSK	22.90	22.84	22.91
			12@6	DFT_QAM16	22.06	21.93	21.95
			1@1	DFT_QAM16	22.06	21.90	21.83
			1@22	DFT_QAM16	22.04	21.93	21.92
			12@6	DFT_QAM64	20.56	20.37	20.50
			1@1	DFT_QAM64	20.75	20.28	20.66
			1@22	DFT_QAM64	20.68	20.62	20.74
			12@6	DFT_QAM256	18.53	18.36	18.53
			1@1	DFT_QAM256	18.87	18.57	18.95
			1@22	DFT_QAM256	19.05	18.95	19.13
			12@6	CP_QPSK	21.64	21.48	21.74
			1@1	CP_QPSK	21.24	21.11	21.26
			1@22	CP_QPSK	21.38	21.12	21.40
			12@6	CP_QAM16	21.13	20.94	21.01
			1@1	CP_QAM16	21.26	21.78	21.14
			1@22	CP_QAM16	21.15	21.72	21.20
			12@6	CP_QAM64	19.60	19.46	19.40
			1@1	CP_QAM64	19.54	19.21	19.39
			1@22	CP_QAM64	19.84	19.21	19.91
			12@6	CP_QAM256	16.71	16.63	16.63
			1@1	CP_QAM256	16.71	16.58	16.66
			1@22	CP_QAM256	16.79	16.52	16.73

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					501500	507000	512500
					2507.5MHz	2535MHz	2562.5MHz
n7	30	15	18@9	DFT_BPSK	23.01	22.92	22.93
			1@1	DFT_BPSK	22.91	22.81	22.89
			1@36	DFT_BPSK	22.89	22.69	22.90
			18@9	DFT_QPSK	22.99	22.97	22.89
			1@1	DFT_QPSK	22.88	22.61	22.69
			1@36	DFT_QPSK	22.79	22.58	22.93
			18@9	DFT_QAM16	22.06	21.92	22.00
			1@1	DFT_QAM16	21.97	22.11	21.84
			1@36	DFT_QAM16	21.92	22.12	21.97
			18@9	DFT_QAM64	20.41	20.34	20.41
			1@1	DFT_QAM64	20.67	20.54	20.42
			1@36	DFT_QAM64	20.64	20.56	20.59
			18@9	DFT_QAM256	18.38	18.25	18.31
			1@1	DFT_QAM256	18.85	18.96	18.60
			1@36	DFT_QAM256	19.01	18.78	18.92
			18@9	CP_QPSK	21.57	21.51	21.39
			1@1	CP_QPSK	21.30	21.23	21.15
			1@36	CP_QPSK	21.29	21.24	21.18
			18@9	CP_QAM16	21.07	21.06	20.99
			1@1	CP_QAM16	20.99	21.05	21.16
			1@36	CP_QAM16	21.06	20.99	21.54
			18@9	CP_QAM64	19.48	19.45	19.46
			1@1	CP_QAM64	19.80	19.30	19.28
			1@36	CP_QAM64	19.35	19.25	19.38
			18@9	CP_QAM256	16.61	16.47	16.52
			1@1	CP_QAM256	16.75	16.61	16.33
			1@36	CP_QAM256	16.65	16.45	16.49

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					502000	507000	512000
					2510MHz	2535MHz	2560MHz
n7	30	20	25@12	DFT_BPSK	23.02	22.84	22.86
			1@1	DFT_BPSK	22.83	22.63	22.55
			1@49	DFT_BPSK	22.70	22.71	22.79
			25@12	DFT_QPSK	23.05	22.89	23.00
			1@1	DFT_QPSK	22.81	22.63	22.60
			1@49	DFT_QPSK	22.73	22.58	22.94
			25@12	DFT_QAM16	22.06	21.97	21.89
			1@1	DFT_QAM16	21.92	21.74	21.60
			1@49	DFT_QAM16	21.85	21.74	21.82
			25@12	DFT_QAM64	20.50	20.43	20.32
			1@1	DFT_QAM64	20.74	20.54	20.23
			1@49	DFT_QAM64	20.54	20.37	20.54
			25@12	DFT_QAM256	18.43	18.26	18.36
			1@1	DFT_QAM256	18.83	18.74	18.43
			1@49	DFT_QAM256	18.84	18.89	18.62
			25@12	CP_QPSK	21.52	21.45	21.42
			1@1	CP_QPSK	21.31	21.27	20.94
			1@49	CP_QPSK	21.20	21.16	21.24
			25@12	CP_QAM16	20.92	20.95	20.93
			1@1	CP_QAM16	21.66	20.85	20.89
			1@49	CP_QAM16	21.38	20.76	21.15
			25@12	CP_QAM64	19.49	19.38	19.39
			1@1	CP_QAM64	19.40	19.57	19.48
			1@49	CP_QAM64	19.14	19.14	19.76
			25@12	CP_QAM256	16.42	16.43	16.46
			1@1	CP_QAM256	16.61	16.41	16.33
			1@49	CP_QAM256	16.46	16.45	16.66

NR n7 part ant 7 NSA Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					501000	507000	513000
					2505MHz	2535MHz	2565MHz
n7	30	10	12@6	DFT_BPSK	20.19	19.89	20.05
			1@1	DFT_BPSK	19.99	19.76	19.84
			1@22	DFT_BPSK	19.98	19.85	19.80
			12@6	DFT_QPSK	20.09	19.89	20.10
			1@1	DFT_QPSK	19.87	19.77	19.81
			1@22	DFT_QPSK	19.94	19.90	19.82
			12@6	DFT_QAM16	18.97	19.00	18.89
			1@1	DFT_QAM16	18.99	18.90	18.77
			1@22	DFT_QAM16	19.04	18.94	18.98
			12@6	DFT_QAM64	17.64	17.27	17.54
			1@1	DFT_QAM64	17.72	17.32	17.71
			1@22	DFT_QAM64	17.64	17.60	17.64
			12@6	DFT_QAM256	15.47	15.44	15.53
			1@1	DFT_QAM256	15.96	16.07	15.86
			1@22	DFT_QAM256	16.14	15.90	16.03
			12@6	CP_QPSK	18.67	18.53	18.77
			1@1	CP_QPSK	18.17	18.11	18.26
			1@22	CP_QPSK	18.40	18.05	18.44
			12@6	CP_QAM16	18.14	17.92	17.99
			1@1	CP_QAM16	18.24	18.86	18.12
			1@22	CP_QAM16	18.19	18.76	18.18
			12@6	CP_QAM64	16.51	16.42	16.30
			1@1	CP_QAM64	16.51	16.11	16.45
			1@22	CP_QAM64	16.78	16.24	16.95
			12@6	CP_QAM256	13.64	13.64	13.63
			1@1	CP_QAM256	13.64	13.64	13.63
			1@22	CP_QAM256	13.87	13.59	13.76

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					501500	507000	512500
					2507.5MHz	2535MHz	2562.5MHz
n7	30	15	18@9	DFT_BPSK	19.94	19.86	19.88
			1@1	DFT_BPSK	19.81	19.69	19.66
			1@36	DFT_BPSK	19.99	19.62	19.94
			18@9	DFT_QPSK	20.05	19.93	19.86
			1@1	DFT_QPSK	19.87	19.58	19.72
			1@36	DFT_QPSK	19.69	19.59	19.93
			18@9	DFT_QAM16	19.01	18.98	19.02
			1@1	DFT_QAM16	19.02	19.09	18.83
			1@36	DFT_QAM16	18.90	19.15	19.03
			18@9	DFT_QAM64	17.37	17.30	17.51
			1@1	DFT_QAM64	17.66	17.57	17.47
			1@36	DFT_QAM64	17.63	17.61	17.58
			18@9	DFT_QAM256	15.46	15.31	15.29
			1@1	DFT_QAM256	15.85	15.97	15.52
			1@36	DFT_QAM256	16.06	15.86	15.74
			18@9	CP_QPSK	18.50	18.45	18.44
			1@1	CP_QPSK	18.40	18.33	18.06
			1@36	CP_QPSK	18.29	18.21	18.11
			18@9	CP_QAM16	18.11	18.15	17.93
			1@1	CP_QAM16	18.00	17.99	18.10
			1@36	CP_QAM16	18.12	17.91	18.53
			18@9	CP_QAM64	16.55	16.49	16.37
			1@1	CP_QAM64	16.84	16.25	16.38
			1@36	CP_QAM64	16.26	16.31	16.46
			18@9	CP_QAM256	13.62	13.49	13.44
			1@1	CP_QAM256	13.78	13.70	13.36
			1@36	CP_QAM256	13.64	13.49	13.49

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					502000	507000	512000
					2510MHz	2535MHz	2560MHz
n7	30	20	25@12	DFT_BPSK	20.36	20.68	19.92
			1@1	DFT_BPSK	19.79	20.51	19.52
			1@49	DFT_BPSK	19.80	19.76	19.85
			25@12	DFT_QPSK	20.09	20.00	19.92
			1@1	DFT_QPSK	19.81	19.58	19.63
			1@49	DFT_QPSK	19.83	19.50	20.04
			25@12	DFT_QAM16	19.08	19.03	18.81
			1@1	DFT_QAM16	19.01	18.66	18.70
			1@49	DFT_QAM16	18.89	18.66	18.92
			25@12	DFT_QAM64	17.47	17.48	17.31
			1@1	DFT_QAM64	17.79	17.58	17.15
			1@49	DFT_QAM64	17.49	17.37	17.55
			25@12	DFT_QAM256	15.51	15.26	15.29
			1@1	DFT_QAM256	15.88	15.77	15.38
			1@49	DFT_QAM256	15.94	15.94	15.72
			25@12	CP_QPSK	18.54	18.51	18.41
			1@1	CP_QPSK	18.25	18.19	17.90
			1@49	CP_QPSK	18.14	18.17	18.29
			25@12	CP_QAM16	17.82	17.87	17.98
			1@1	CP_QAM16	18.69	17.79	17.86
			1@49	CP_QAM16	18.30	17.85	18.24
			25@12	CP_QAM64	16.45	16.48	16.46
			1@1	CP_QAM64	16.49	16.59	16.56
			1@49	CP_QAM64	16.23	16.21	16.73
			25@12	CP_QAM256	13.47	13.38	13.45
			1@1	CP_QAM256	13.67	13.44	13.32
			1@49	CP_QAM256	13.39	13.39	13.56

NR n12 part ant 7 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					140800	141500	142200
					704MHz	707.5MHz	711MHz
n12	30	10	12@6	DFT_BPSK	23.91	23.87	23.79
			1@1	DFT_BPSK	23.94	23.79	23.70
			1@22	DFT_BPSK	23.78	23.66	23.53
			12@6	DFT_QPSK	23.94	23.86	23.86
			1@1	DFT_QPSK	23.75	23.66	23.67
			1@22	DFT_QPSK	23.72	23.59	23.45
			12@6	DFT_QAM16	22.98	22.89	22.81
			1@1	DFT_QAM16	23.08	23.03	22.99
			1@22	DFT_QAM16	23.10	23.00	22.89
			12@6	DFT_QAM64	21.35	21.32	21.26
			1@1	DFT_QAM64	21.65	21.64	21.54
			1@22	DFT_QAM64	21.56	21.50	21.41
			12@6	DFT_QAM256	19.46	19.50	19.30
			1@1	DFT_QAM256	19.94	19.94	19.79
			1@22	DFT_QAM256	19.99	19.86	19.68
			12@6	CP_QPSK	22.63	22.62	22.50
			1@1	CP_QPSK	22.45	22.36	22.37
			1@22	CP_QPSK	22.40	22.21	21.99
			12@6	CP_QAM16	21.86	21.80	21.76
			1@1	CP_QAM16	22.11	22.12	22.12
			1@22	CP_QAM16	22.06	21.95	21.99
			12@6	CP_QAM64	20.50	20.40	20.27
			1@1	CP_QAM64	20.29	20.35	20.35
			1@22	CP_QAM64	20.41	20.19	20.17
			12@6	CP_QAM256	17.53	17.91	17.32
			1@1	CP_QAM256	17.63	17.50	17.48
			1@22	CP_QAM256	17.55	17.40	17.36

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					141300	141500	141700
					707.15MHz	707.5MHz	708.15MHz
n12	30	15	18@9	DFT_BPSK	23.74	23.82	23.78
			1@1	DFT_BPSK	23.75	23.69	23.70
			1@36	DFT_BPSK	23.51	23.60	23.55
			18@9	DFT_QPSK	23.75	23.84	23.73
			1@1	DFT_QPSK	23.65	23.68	23.61
			1@36	DFT_QPSK	23.43	23.53	23.56
			18@9	DFT_QAM16	22.86	22.86	22.86
			1@1	DFT_QAM16	23.11	22.87	22.84
			1@36	DFT_QAM16	22.89	22.66	22.58
			18@9	DFT_QAM64	21.27	21.21	21.17
			1@1	DFT_QAM64	21.56	21.43	21.15
			1@36	DFT_QAM64	21.39	20.97	20.96
			18@9	DFT_QAM256	19.30	19.32	19.31
			1@1	DFT_QAM256	19.74	19.65	19.87
			1@36	DFT_QAM256	19.56	19.65	19.39
			18@9	CP_QPSK	22.24	22.35	22.28
			1@1	CP_QPSK	22.38	22.13	22.12
			1@36	CP_QPSK	22.10	21.93	21.92
			18@9	CP_QAM16	21.94	21.87	21.84
			1@1	CP_QAM16	22.03	22.30	22.43
			1@36	CP_QAM16	21.92	22.24	22.23
			18@9	CP_QAM64	20.32	20.42	20.32
			1@1	CP_QAM64	20.13	20.05	20.03
			1@36	CP_QAM64	20.05	20.09	19.87
			18@9	CP_QAM256	17.28	17.22	17.30
			1@1	CP_QAM256	17.34	17.41	17.36
			1@36	CP_QAM256	17.32	17.24	17.27

NR n41 part ant 1 Full Power

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					500202	518998	537000
					2501.01MHz	2592.99MHz	2683MHz
n41	30	10	12@6	DFT_BPSK	26.02	25.31	25.42
			1@1	DFT_BPSK	25.81	25.16	25.31
			1@22	DFT_BPSK	25.86	25.21	25.23
			12@6	DFT_QPSK	26.13	25.38	25.49
			1@1	DFT_QPSK	26.46	25.19	25.22
			1@22	DFT_QPSK	26.27	25.30	25.27
			12@6	DFT_QAM16	25.12	24.47	24.68
			1@1	DFT_QAM16	24.92	24.39	24.40
			1@22	DFT_QAM16	24.81	24.60	24.49
			12@6	DFT_QAM64	23.71	23.05	23.19
			1@1	DFT_QAM64	23.64	23.34	23.44
			1@22	DFT_QAM64	23.64	23.33	23.44
			12@6	DFT_QAM256	21.57	21.18	21.41
			1@1	DFT_QAM256	21.94	21.61	21.77
			1@22	DFT_QAM256	21.91	21.70	21.78
			12@6	CP_QPSK	24.36	24.33	24.27
			1@1	CP_QPSK	25.45	23.53	24.13
			1@22	CP_QPSK	24.96	23.76	24.15
			12@6	CP_QAM16	24.18	23.52	23.73
			1@1	CP_QAM16	24.09	23.47	24.03
			1@22	CP_QAM16	24.08	23.64	23.75
			12@6	CP_QAM64	22.69	22.16	22.35
			1@1	CP_QAM64	22.76	22.05	22.35
			1@22	CP_QAM64	22.62	21.91	22.49
			12@6	CP_QAM256	19.78	19.36	19.60
			1@1	CP_QAM256	19.69	19.43	19.63
			1@22	CP_QAM256	19.76	19.59	19.56

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					500700	518998	538496
					2507MHz	2592.99MHz	2682.48MHz
n41	30	15	18@9	DFT_BPSK	26.03	25.33	25.40
			1@1	DFT_BPSK	25.80	25.31	25.34
			1@36	DFT_BPSK	25.79	25.40	25.19
			18@9	DFT_QPSK	26.13	25.35	25.38
			1@1	DFT_QPSK	25.71	25.11	25.42
			1@36	DFT_QPSK	25.69	25.26	25.39
			18@9	DFT_QAM16	24.71	24.51	24.66
			1@1	DFT_QAM16	25.09	24.55	24.59
			1@36	DFT_QAM16	25.01	24.68	24.64
			18@9	DFT_QAM64	23.58	23.03	23.21
			1@1	DFT_QAM64	23.72	23.30	23.29
			1@36	DFT_QAM64	23.75	23.38	23.41
			18@9	DFT_QAM256	21.61	21.13	21.35
			1@1	DFT_QAM256	21.95	21.80	21.61
			1@36	DFT_QAM256	22.13	21.88	21.83
			18@9	CP_QPSK	24.66	24.05	24.29
			1@1	CP_QPSK	24.62	23.93	23.75
			1@36	CP_QPSK	24.55	24.01	23.76
			18@9	CP_QAM16	24.21	23.69	23.86
			1@1	CP_QAM16	24.17	23.75	23.61
			1@36	CP_QAM16	24.15	23.70	23.31
			18@9	CP_QAM64	22.66	22.17	22.40
			1@1	CP_QAM64	22.60	22.46	22.13
			1@36	CP_QAM64	22.51	22.38	22.16
			18@9	CP_QAM256	19.71	19.23	19.49
			1@1	CP_QAM256	19.66	19.50	19.51
			1@36	CP_QAM256	19.72	19.52	19.59

NR Band	SCS (KHz)	Bandwidth (MHz)	RB Allocation	Modulation	Average Pow er (dBm)		
					501204	518998	536998
					2506.02MHz	2592.99MHz	2679.99MHz
n41	30	20	25@12	DFT_BPSK	25.95	25.36	25.41
			1@1	DFT_BPSK	25.67	25.28	25.06
			1@49	DFT_BPSK	25.63	25.41	25.04
			25@12	DFT_QPSK	26.06	25.41	25.45
			1@1	DFT_QPSK	25.74	25.47	25.07
			1@49	DFT_QPSK	25.81	25.46	24.97
			25@12	DFT_QAM16	25.07	24.56	24.70
			1@1	DFT_QAM16	24.77	24.59	24.41
			1@49	DFT_QAM16	24.82	24.66	24.91
			25@12	DFT_QAM64	23.65	23.07	23.28
			1@1	DFT_QAM64	23.82	23.31	23.12
			1@49	DFT_QAM64	23.48	23.39	23.31
			25@12	DFT_QAM256	21.56	21.12	21.36
			1@1	DFT_QAM256	22.05	21.77	21.53
			1@49	DFT_QAM256	22.04	21.86	21.78
			25@12

LTE Band 7 part ant 5 NSA Power

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20775	21100	21425
					2502.5MHz	2535MHz	2567.5MHz
Band 7	5	QPSK	1	0	21.72	21.62	21.61
			1	12	21.72	21.61	21.64
			1	24	21.72	21.62	21.67
			12	0	20.61	20.51	20.63
			12	6	20.62	20.55	20.61
			12	11	20.58	20.52	20.60
			25	0	20.61	20.45	20.58
		16QAM	1	0	20.58	20.70	20.57
			1	12	20.56	20.71	20.61
			1	24	20.56	20.75	20.65
			12	0	19.64	19.59	19.64
			12	6	19.64	19.59	19.62
			12	11	19.64	19.59	19.62
			25	0	19.64	19.49	19.64
		64QAM	1	0	19.63	20.07	19.81
			1	12	19.59	20.02	19.81
			1	24	19.61	20.06	19.85
			12	0	18.64	18.58	18.65
			12	6	18.65	18.59	18.64
			12	11	18.62	18.59	18.65
			25	0	18.64	18.48	18.63

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20800	21100	21400
					2505MHz	2535MHz	2565MHz
Band 7	10	QPSK	1	0	21.63	21.41	21.35
			1	24	21.69	21.46	21.40
			1	49	21.64	21.38	21.43
			25	0	20.66	20.56	20.57
			25	12	20.63	20.56	20.57
			25	24	20.62	20.56	20.58
			50	0	20.62	20.56	20.61
		16QAM	1	0	20.76	20.63	20.40
			1	24	20.83	20.68	20.47
			1	49	20.76	20.65	20.47
			25	0	19.62	19.63	19.66
			25	12	19.64	19.60	19.65
			25	24	19.61	19.60	19.65
			50	0	19.65	19.51	19.62
		64QAM	1	0	19.67	19.51	19.88
			1	24	19.69	19.57	19.94
			1	49	19.65	19.53	20.02
			25	0	18.61	18.56	18.56
			25	12	18.62	18.51	18.59
			25	24	18.64	18.52	18.57
			50	0	18.60	18.53	18.60

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20825	21100	21375
					2507.5MHz	2535MHz	2562.5MHz
Band 7	15	QPSK	1	0	21.56	21.35	21.28
			1	37	21.62	21.43	21.39
			1	74	21.51	21.37	21.38
			36	0	20.51	20.47	20.44
			36	16	20.53	20.46	20.46
			36	35	20.53	20.51	20.44
			75	0	20.59	20.46	20.49
		16QAM	1	0	20.68	20.69	20.32
			1	37	20.75	20.74	20.45
			1	74	20.69	20.72	20.46
			36	0	19.56	19.60	19.46
			36	16	19.58	19.59	19.47
			36	35	19.54	19.57	19.44
			75	0	19.51	19.46	19.53
		64QAM	1	0	19.58	19.61	19.80
			1	37	19.66	19.67	19.94
			1	74	19.53	19.61	19.95
			36	0	18.60	18.50	18.43
			36	16	18.62	18.52	18.45
			36	35	18.62	18.52	18.46
			75	0	18.51	18.47	18.50

LTE Band	Bandwidth (MHz)	Modulation	RB Size	RB Offset	Average Power (dBm)		
					20850	21100	21350
					2510MHz	2535MHz	2560MHz
Band 7	20	QPSK	1	0	21.59	21.37	21.22
			1	49	21.69	21.46	21.30
			1	99	21.61	21.43	21.31
			50	0	20.62	20.54	20.49
			50	24	20.61	20.55	20.51
			50	49	20.59	20.52	20.52
			100	0	20.60	20.45	20.49
		16QAM	1	0	20.57	20.72	20.43
			1	49	20.65	20.82	20.57
			1	99	20.56	20.78	20.64
			50	0	19.59	19.55	19.59
			50	24	19.59	19.57	19.56
			50	49	19.60	19.57	19.57
			100	0	19.59	19.43	19.52
		64QAM	1	0	19.83	19.67	19.35
			1	49	19.87	19.75	19.47
			1	99	19.79	19.74	19.50
			50	0	18.62	18.55	18.53
			50	24	18.59	18.55	18.52
			50	49	18.58	18.53	18.52
			100	0	18.54	18.48	18.49

LTE Band 41 part ant 5 Full Power

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)				
					39675	40148	40620	41093	41565
					2498.5MHz	2545.5MHz	2593.0MHz	2640.3MHz	2687.5MHz
Band 41	5	QPSK	1	0	20.57	20.92	21.41	21.08	21.26
			1	12	21.90	21.56	21.44	21.52	21.21
			1	24	21.91	21.58	21.40	21.52	21.24
			12	0	20.57	20.48	20.48	20.48	20.39
			12	6	20.58	20.48	20.46	20.47	20.37
			12	11	20.56	20.47	20.47	20.47	20.38
			25	0	20.54	20.41	20.45	20.42	20.28
		16QAM	1	0	20.80	20.59	20.71	20.63	20.38
			1	12	20.81	20.56	20.69	20.60	20.31
			1	24	20.81	20.56	20.64	20.58	20.30
			12	0	19.60	19.47	19.53	19.49	19.34
			12	6	19.60	19.49	19.54	19.50	19.37
			12	11	19.58	19.46	19.52	19.48	19.33
			25	0	19.56	19.44	19.49	19.46	19.32
		64QAM	1	0	19.82	19.61	20.10	19.77	19.39
			1	12	19.80	19.57	20.07	19.74	19.34
			1	24	19.82	19.61	20.05	19.75	19.39
			12	0	18.55	18.44	18.59	18.49	18.33
			12	6	18.53	18.43	18.59	18.48	18.32
			12	11	18.53	18.43	18.55	18.47	18.32
			25	0	18.55	18.42	18.45	18.43	18.29

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)				
					39700	40160	40620	41080	41540
					2501.0MHz	2547.0MHz	2593.0MHz	2639.0MHz	2685.0MHz
Band 41	10	QPSK	1	0	21.63	21.47	21.58	21.50	21.30
			1	24	21.66	21.46	21.70	21.54	21.25
			1	49	21.55	21.36	21.56	21.42	21.16
			25	0	20.49	20.45	20.52	20.47	20.40
			25	12	20.50	20.45	20.53	20.48	20.40
			25	24	20.52	20.46	20.50	20.47	20.39
			50	0	20.51	20.44	20.50	20.46	20.36
		16QAM	1	0	20.78	20.58	20.76	20.64	20.37
			1	24	20.83	20.60	20.83	20.68	20.37
			1	49	20.80	20.59	20.79	20.66	20.38
			25	0	19.59	19.52	19.59	19.54	19.44
			25	12	19.58	19.51	19.60	19.54	19.43
			25	24	19.61	19.52	19.60	19.54	19.42
			50	0	19.51	19.45	19.49	19.46	19.38
		64QAM	1	0	19.83	19.55	19.79	19.63	19.26
			1	24	19.88	19.54	19.89	19.65	19.19
			1	49	19.83	19.49	19.83	19.60	19.14
			25	0	18.51	18.41	18.52	18.44	18.30
			25	12	18.52	18.42	18.51	18.45	18.31
			25	24	18.52	18.42	18.51	18.45	18.31
			50	0	18.52	18.42	18.52	18.45	18.31

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)				
					39725	40173	40620	41068	41515
					2503.5MHz	2548.5MHz	2593.0MHz	2637.8MHz	2682.5MHz
Band 41	15	QPSK	1	0	21.60	21.57	21.53	21.56	21.54
			1	37	21.56	21.56	21.63	21.58	21.55
			1	74	21.48	21.51	21.52	21.51	21.54
			36	0	20.41	20.38	20.41	20.39	20.35
			36	16	20.41	20.38	20.43	20.40	20.35
			36	35	20.42	20.38	20.41	20.39	20.34
			75	0	20.43	20.39	20.44	20.40	20.34
		16QAM	1	0	20.77	20.58	20.70	20.62	20.39
			1	37	20.81	20.58	20.82	20.66	20.34
			1	74	20.74	20.52	20.78	20.60	20.29
			36	0	19.50	19.45	19.49	19.46	19.39
			36	16	19.49	19.43	19.49	19.45	19.37
			36	35	19.49	19.43	19.49	19.45	19.37
			75	0	19.47	19.41	19.48	19.43	19.35
		64QAM	1	0	19.85	19.76	19.74	19.75	19.67
			1	37	19.88	19.79	19.86	19.81	19.70
			1	74	19.77	19.72	19.81	19.75	19.66
			36	0	18.45	18.42	18.47	18.44	18.39
			36	16	18.47	18.42	18.48	18.44	18.37
			36	35	18.46	18.42	18.47	18.44	18.38
			75	0	18.46	18.40	18.49	18.43	18.33

LTE Band	Band-width (MHz)	Modu-lation	RB Size	RB Offset	Average Power (dBm)				
					39750	40185	40620	41055	41490
					2506.0MHz	2549.5MHz	2593.0MHz	2636.5MHz	2680.0MHz
Band 41	20	QPSK	1	0	21.34	21.30	21.25	21.28	21.25
			1	49	21.40	21.33	21.44	21.36	21.25
			1	99	21.31	21.20	21.31	21.24	21.09
			50	0	20.46	20.42	20.46	20.43	20.37
			50	24	20.45	20.41	20.45	20.42	20.36
			50	49	20.45	20.41	20.47	20.43	20.36
			100	0	20.47	20.38	20.46	20.41	20.29
		16QAM	1	0	20.51	20.26	20.41	20.31	20.01
			1	49	20.59	20.31	20.59	20.40	20.03
			1	99	20.51	20.26	20.51	20.34	20.01
			50	0	19.48	19.43	19.50	19.45	19.38
			50	24	19.46	19.42	19.49	19.44	19.38
			50	49	19.48	19.43	19.49	19.45	19.37
			100	0	19.45	19.38	19.48	19.41	19.30
		64QAM	1	0	19.49	19.45	19.44	19.44	19.40
			1	49	19.60	19.50	19.59	19.53	19.40
			1	99	19.48	19.40	19.49	19.43	19.32
			50	0	18.42	18.41	18.42	18.41	18.40
			50	24	18.41	18.41	18.42	18.41	18.41
			50	49	18.41	18.41	18.43	18.42	18.41
			100	0	18.45	18.38	18.45	18.40	18.30

NR n77(3450-3550MHz) part ant 3 Full Power

NR band	SCS (kHz)	Bandwidth (MHz)	RB allocation	Modulation	Average power (dBm)	Tune-up limit (dBm)	Duty cycle (%)	Power drop (dB)
n77	30	10	1	CP-OFDM	21.11	22.00	99.00	0.11
			1	DFT-s-OFDM	20.97	22.00	99.00	0.14
			36	CP-OFDM	20.12	21.00	99.00	0.11
			36	DFT-s-OFDM	19.97	21.00	99.00	0.14
			75	CP-OFDM	19.12	20.00	99.00	0.11
			75	DFT-s-OFDM	18.97	20.00	99.00	0.14
			0	CP-OFDM(1)	21.11	22.00	99.00	0.11
			0	CP-OFDM(2)	21.11	22.00	99.00	0.11
			0	CP-OFDM(3)	21.11	22.00	99.00	0.11
			0	CP-OFDM(4)	21.11	22.00	99.00	0.11
			0	CP-OFDM(5)	21.11	22.00	99.00	0.11
			0	CP-OFDM(6)	21.11	22.00	99.00	0.11
			0	CP-OFDM(7)	21.11	22.00	99.00	0.11
			0	CP-OFDM(8)	21.11	22.00	99.00	0.11
			0	CP-OFDM(9)	21.11	22.00	99.00	0.11
			0	CP-OFDM(10)	21.11	22.00	99.00	0.11
			0	CP-OFDM(11)	21.11	22.00	99.00	0.11
			0	CP-OFDM(12)	21.11	22.00	99.00	0.11
			0	CP-OFDM(13)	21.11	22.00	99.00	0.11
			0	CP-OFDM(14)	21.11	22.00	99.00	0.11
			0	CP-OFDM(15)	21.11	22.00	99.00	0.11
			0	CP-OFDM(16)	21.11	22.00	99.00	0.11
			0	CP-OFDM(17)	21.11	22.00	99.00	0.11
			0	CP-OFDM(18)	21.11	22.00	99.00	0.11
			0	CP-OFDM(19)	21.11	22.00	99.00	0.11
			0	CP-OFDM(20)	21.11	22.00	99.00	0.11
			0	CP-OFDM(21)	21.11	22.00	99.00	0.11
			0	CP-OFDM(22)	21.11	22.00	99.00	0.11
			0	CP-OFDM(23)	21.11	22.00	99.00	0.11
			0	CP-OFDM(24)	21.11	22.00	99.00	0.11
			0	CP-OFDM(25)	21.11	22.00	99.00	0.11
			0	CP-OFDM(26)	21.11	22.00	99.00	0.11
			0	CP-OFDM(27)	21.11	22.00	99.00	0.11
			0	CP-OFDM(28)	21.11	22.00	99.00	0.11
			0	CP-OFDM(29)	21.11	22.00	99.00	0.11
			0	CP-OFDM(30)	21.11	22.00	99.00	0.11
			0	CP-OFDM(31)	21.11	22.00	99.00	0.11
			0	CP-OFDM(32)	21.11	22.00	99.00	0.11
			0	CP-OFDM(33)	21.11	22.00	99.00	0.11
			0	CP-OFDM(34)	21.11	22.00	99.00	0.11
			0	CP-OFDM(35)	21.11	22.00	99.00	0.11
			0	CP-OFDM(36)	21.11	22.00	99.00	0.11
			0	CP-OFDM(37)	21.11	22.00	99.00	0.11
			0	CP-OFDM(38)	21.11	22.00	99.00	0.11
			0	CP-OFDM(39)	21.11	22.00	99.00	0.11
			0	CP-OFDM(40)	21.11	22.00	99.00	0.11
			0	CP-OFDM(41)	21.11	22.00	99.00	0.11
			0	CP-OFDM(42)	21.11	22.00	99.00	0.11
			0	CP-OFDM(43)	21.11	22.00	99.00	0.11
			0	CP-OFDM(44)	21.11	22.00	99.00	0.11
			0	CP-OFDM(45)	21.11	22.00	99.00	0.11
			0	CP-OFDM(46)	21.11	22.00	99.00	0.11
			0	CP-OFDM(47)	21.11	22.00	99.00	0.11
			0	CP-OFDM(48)	21.11	22.00	99.00	0.11
			0	CP-OFDM(49)	21.11	22.00	99.00	0.11
			0	CP-OFDM(50)	21.11	22.00	99.00	0.11
			0	CP-OFDM(51)	21.11	22.00	99.00	0.11
			0	CP-OFDM(52)	21.11	22.00	99.00	0.11
			0	CP-OFDM(53)	21.11	22.00	99.00	0.11
			0	CP-OFDM(54)	21.11	22.00	99.00	0.11
			0	CP-OFDM(55)	21.11	22.00	99.00	0.11
			0	CP-OFDM(56)	21.11	22.00	99.00	0.11
			0	CP-OFDM(57)	21.11	22.00	99.00	0.11
			0	CP-OFDM(58)	21.11	22.00	99.00	0.11
			0	CP-OFDM(59)	21.11	22.00	99.00	0.11
			0	CP-OFDM(60)	21.11	22.00	99.00	0.11
			0	CP-OFDM(61)	21.11	22.00	99.00	0.11
			0	CP-OFDM(62)	21.11	22.00	99.00	0.11
			0	CP-OFDM(63)	21.11	22.00	99.00	0.11
			0	CP-OFDM(64)	21.11	22.00	99.00	0.11
			0	CP-OFDM(65)	21.11	22.00	99.00	0.11
			0	CP-OFDM(66)	21.11	22.00	99.00	0.11
			0	CP-OFDM(67)	21.11	22.00	99.00	0.11
			0	CP-OFDM(68)	21.11	22.00	99.00	0.11
			0	CP-OFDM(69)	21.11	22.00	99.00	0.11
			0	CP-OFDM(70)	21.11	22.00	99.00	0.11
			0	CP-OFDM(71)	21.11	22.00	99.00	0.11
			0	CP-OFDM(72)	21.11	22.00	99.00	0.11
			0	CP-OFDM(73)	21.11	22.00	99.00	0.11
			0	CP-OFDM(74)	21.11	22.00	99.00	0.11
			0	CP-OFDM(75)	21.11	22.00	99.00	0.11
			0	CP-OFDM(76)	21.11	22.00	99.00	0.11
			0	CP-OFDM(77)	21.11	22.00	99.00	0.11
			0	CP-OFDM(78)	21.11	22.00	99.00	0.11
			0	CP-OFDM(79)	21.11	22.00	99.00	0.11
			0	CP-OFDM(80)	21.11	22.00	99.00	0.11
			0	CP-OFDM(81)	21.11	22.00	99.00	0.11
			0	CP-OFDM(82)	21.11	22.00	99.00	0.11
			0	CP-OFDM(83)	21.11	22.00	99.00	0.11
			0	CP-OFDM(84)	21.11	22.00	99.00	0.11
			0	CP-OFDM(85)	21.11	22.00	99.00	0.11
			0	CP-OFDM(86)	21.11	22.00	99.00	0.11
			0	CP-OFDM(87)	21.11	22.00	99.00	0.11
			0	CP-OFDM(88)	21.11	22.00	99.00	0.11
			0	CP-OFDM(89)	21.11	22.00	99.00	0.11
			0	CP-OFDM(90)	21.11	22.00	99.00	0.11
			0	CP-OFDM(91)	21.11	22.00	99.00	0.11
			0	CP-OFDM(92)	21.11	22.00	99.00	0.11
			0	CP-OFDM(93)	21.11	22.00	99.00	0.11
			0	CP-OFDM(94)	21.11	22.00	99.00	0.11
			0	CP-OFDM(95)	21.11	22.00	99.00	0.11
			0	CP-OFDM(96)	21.11	22.00	99.00	0.11
			0	CP-OFDM(97)	21.11	22.00	99.00	0.11
			0	CP-OFDM(98)	21.11	22.00	99.00	0.11
			0	CP-OFDM(99)	21.11	22.00	99.00	0.11
			0	CP-OFDM(100)	21.11	22.00	99.00	0.11
			0	CP-OFDM(101)	21.11	22.00	99.00	0.11
			0	CP-OFDM(102)	21.11	22.00	99.00	0.11
			0	CP-OFDM(103)	21.11	22.00	99.00	0.11
			0	CP-OFDM(104)	21.11	22.00	99.00	0.11
			0	CP-OFDM(105)	21.11	22.00	99.00	0.11
			0	CP-OFDM(106)	21.11	22.00	99.00	0.11
			0	CP-OFDM(107)	21.11	22.00	99.00	0.11
			0	CP-OFDM(108)	21.11	22.00	99.00	0.11
			0	CP-OFDM(109)	21.11	22.00	99.00	0.11
			0	CP-OFDM(110)	21.11	22.00	99.00	0.11
			0	CP-OFDM(111)	21.11	22.00	99.00	0.11
			0	CP-OFDM(112)	21.11	22.00	99.00	0.11
			0	CP-OFDM(113)	21.11	22.00	99.00	0.11
			0	CP-OFDM(114)	21.11	22.00	99.00	0.11
			0	CP-OFDM(115)	21.11	22.00	99.00	0.11
			0	CP-OFDM(116)	21.11	22.00	99.00	0.11
			0	CP-OFDM(117)	21.11	22.00	99.00	0.11
			0	CP-OFDM(118)	21.11	22.00	99.00	0.11
			0	CP-OFDM(119)	21.11	22.00	99.00	0.11
			0	CP-OFDM(120)	21.11	22.00	99.00	0.11
			0	CP-OFDM(121)	21.11	22.00	99.00	0.11
			0	CP-OFDM(122)	21.11	22.00	99.00	0.11
			0	CP-OFDM(123)	21.11	22.00	99.00	0.11
			0	CP-OFDM(124)	21.11	22.00	99.00	0.11
			0	CP-OFDM(125)	21.11	22.00	99.00	0.11
			0	CP-OFDM(126)	21.11	22.00	99.00	0.11
			0	CP-OFDM(127)	21.11	22.00	99.00	0.11
			0	CP-OFDM(128)	21.11	22.00	99.00	0.11
			0	CP-OFDM(129)	21.11	22.00	99.00	0.11
			0	CP-OFDM(130)	21.11	22.00	99.00	0.11
			0	CP-OFDM(131)	21.11	22.00	99.00	0.11
			0	CP-OFDM(132)	21.11	22.00	99.00	0.11
			0	CP-OFDM(133)	21.11	22.00	99.00	0.11
			0	CP-OFDM(134)	21.11	22.00	99.00	0.11
			0	CP-OFDM(135)	21.11	22.00	99.00	0.11
			0	CP-OFDM(136)	21.11	22.00	99.00	0.11
			0	CP-OFDM(137)	21.11	22.00	99.00	0.11
			0	CP-OFDM(138)	21.11	22.00	99.00	0.11
			0	CP-OFDM(139)	21.11	22.00	99.00	0.11
			0	CP-OFDM(140)	21.11	22.00	99.00	0.11
			0	CP-OFDM(141)	21.11	22.00	99.00	0.11
			0	CP-OFDM(142)	21.11	22.00	99.00	0.11
			0	CP-OFDM(143)	21.11	22.00	99.00	0.11
			0	CP-OFDM(144)	21.11	22.00	99.00	0.11
			0	CP-OFDM(145)	21.11	22.00	99.00	0.11
			0	CP-OFDM(146)	21.11	22.00	99.00	0.11
			0	CP-OFDM(147)	21.11	22.00	99.00	0.11
			0	CP-OFDM(148)	21.11	22.00	99.00	0.11
			0	CP-OFDM(149)	21.11	22.00	99.00	0.11
			0	CP-OFDM(150)	21.11	22.00	99.00	0.11
			0	CP-OFDM(151)	21.11	22.00	99.00	0.11
			0	CP-OFDM(152)	21.11	22.00	99.00	0.11
			0	CP-OFDM(153)	21.11	22.00	99.00	0.11
			0	CP-OFDM(154)	21.11	22.00	99.00	0.11
			0	CP-OFDM(155)	21.11	22.00	99.00	0.11
			0	CP-OFDM(156)	21.11	22.00	99.00	0.11
			0	CP-OFDM(157)	21.11	22.00	99.00	0.11
			0	CP-OFDM(158)	21.11	22.00	99.00	0.11
			0	CP-OFDM(159)	21.11	22.00	99.00	0.11
			0	CP-OFDM(160)	21.11	22.00	99.00	0.11
			0	CP-OFDM(161)	21.11	22.00	99.00	0.11
			0	CP-OFDM(162)	21.11	22.00	99.00	0.11
			0	CP-OFDM(163)	21.11	22.00	99.00	0.11
			0	CP-OFDM(164)	21.11	22.00	99.00	0.11
			0	CP-OFDM(165)	21.11	22.00	99.00	0.11
			0	CP-OFDM(166)	21.11	22.00	99.00	0.11
			0	CP-OFDM(167)	21.11	22.00	99.00	0.11
			0	CP-OFDM(168)	21.11	22.00	99.00	0.11
			0	CP-OFDM(169)	21.11	22.00	99.00	0.11
			0	CP-OFDM(170)	21.11	22.00	99.00	0.11
			0	CP-OFDM(171)	21.11	22.00	99.00	0.11
			0	CP-OFDM(172)	21.11	22.00	99.00	0.11
			0	CP-OFDM(173)	21.11	22.00	99.00	0.11
			0	CP-OFDM(174)	21.11	22.00	99.00	0.11
			0	CP-OFDM(175)	21.11	22.00	99.00	0.11
			0	CP-OFDM(176)	21.11	22.00	99.00	0.11
			0	CP-OFDM(177)	21.11	22.00	99.00	0.11
			0	CP-OFDM(178)	21.11	22.00	99.00	0.11
			0	CP-OFDM(179)	21.11	22.00	99.00	0.11
			0	CP-OFDM(180)	21.11	22.00	99.00	0.11
			0	CP-OFDM(181)	21.11	22.00	99.00	0.11
			0	CP-OFDM(182)	21.11	22.00	99.00	0.11
			0	CP-OFDM(183)	21.11	22.00	99.00	0.11
			0	CP-OFDM(184)	21.11	22.00	99.00	0.11
			0	CP-OFDM(185)	21.11	22.00	99.00	0.11
			0	CP-OFDM(186)	21.11	22.00	99.00	0.11
			0	CP-OFDM(187)	21.11	22.00	99.00	0.11
			0	CP-OFDM(188)	21.11	22.00	99.00	0.11
			0	CP-OFDM(189)	21.11	22.00	99.00	0.11
			0	CP-OFDM(190)	21.11	22.00	99.00	0.11
			0	CP-OFDM(191)	21.11	22.00	99.00	0.11
			0	CP-OFDM(192)	21.11	22.00	99.00	0.11
			0	CP-OFDM(193)	21.11	22.00	99.00	0.11
			0	CP-OFDM(194)	21.11	22.00	99.00	0.11
			0	CP-OFDM(195)	21.11	22.00	99.00	0.11
			0	CP-OFDM(196)	21.11	22.00	99.00	0.11
			0	CP-OFDM(197)	21.11	22.00	99.00	0.11
			0	CP-OFDM(198)	21.11	22.00	99.00	0.11
			0	CP-OFDM(199)	21.11	22.00	99.00	0.11
			0	CP-OFDM(200)	21.11	22.00	99.00	0.11
			0	CP-OFDM(201)	21.11	22.00	99.00	0.11
			0	CP-OFDM(202)	21.11	22.00	99.00	0.11
			0	CP-OFDM(203)	21.11	22.00	99.00	0.11
			0	CP-OFDM(204)	21.11	22.00	99.00	0.11
			0	CP-OFDM(205)	21.11	22.00	99.00	0.11
			0	CP-OFDM(206)	21.11	22.00	99.00	0.11
			0	CP-OFDM(207)	21.11	22.00	99.00	0.11
			0	CP-OFDM(208)	21.11	22.00	99.00	0.11
			0	CP-OFDM(209)	21.11	22.00	99.00	0.11
			0	CP-OFDM(210)	21.11	22.00	99.00	0.11
			0	CP-OFDM(211)	21.11	22.00	99.00	0.11
			0	CP-OFDM(212)	21.11	22.00	99.00	0.11
			0	CP-OFDM(213)	21.11	22.00	99.00	0.11
			0	CP-OFDM(214)	21.11	22.00	99.00	0.11
			0	CP-OFDM(215)	21.11	22.00	99.00	0.11
			0	CP-OFDM(216)	21.11	22.00	99.00	0.11
			0	CP-OFDM(217)	21.11	22.00	99.00	0.11
			0	CP-OFDM(218)	21.11	22.00	99.00	0.11
			0	CP-OFDM(219)	21.11	22.00	99.00	0.11
			0	CP-OFDM(220)	21.11	22.00	99.00	0.11
			0	CP-OFDM(221)	21.11	22.00	99.00	0.11
			0	CP-OFDM(222)	21.11	22.00	99.00	0.11
			0	CP-OFDM(223)	21.11	22.00	99.00	0.11
			0	CP-OFDM(224)	21.11	22.00	99.00	0.11
			0	CP-OFDM(225)	21.11	22.00	99.00	0.11
			0	CP-OFDM(226)	21.11	22.00	99.00	0.11
			0	CP-OFDM(227)	21.11	22.00	99.00	0.11
			0	CP-OFDM(228)	21.11	22.00	99.00	0.11
			0	CP-OFDM(229)	21.11	22.00	99.00	0.11
			0	CP-OFDM(230)	21.11	22.00	99.00	0.11
			0	CP-OFDM(231)	21.11	22.00	99.00	0.11
			0	CP-OFDM(232)	21.11	22.00	99.00	0.11
			0	CP-OFDM(233)	21.11	22.00	99.00	0.11
			0	CP-OFDM(234)	21.11	22.00	99.00	0.11
			0	CP-OFDM(235)	21.11	22.00	99.00	0.11
			0	CP-OFDM(236)	21.11	22.00	99.00	0.11
			0	CP-OFDM(237)	21.11	22.00	99.00	0.11
			0	CP-OFDM(238)	21.11	22.00	99.00	0.11
			0	CP-OFDM(239)	21.11	22.00	99.00	0.11
			0	CP-OFDM(240)	21.11	22.00	99.00	0.11
			0	CP-OFDM(241)	21.11	22.00	99.00	0.11
			0	CP-OFDM(242)	21.11	22.00	99.00	0.11
			0	CP-OFDM(243)	21.11	22.00	99.00	0.11
			0	CP-OFDM(244)	21.11	22.00	99.00	0.11
			0	CP-OFDM(245)	21.11	22.00	99.00	0.11
			0	CP-OFDM(246)	21.11	22.00	99.00	0.11
			0	CP-OFDM(247)	21.11	22.00	99.00	0.11
			0	CP-OFDM(248)	21.11	22.00	99.00	0.11
			0	CP-OFDM(249)	21.11	22.00	99.00	0.11
			0	CP-OFDM(250)	21.11	22.00	99.00	0.11
			0	CP-OFDM(251)	21.11	22.00	99.00	0.11
			0	CP-OFDM(252)	21.11	22.00	99.00	0.11
			0	CP-OFDM(253)	21.11	22.00	99.00	0.11
			0	CP-OFDM(254)	21.11	22.00	99.00	0.11
			0	CP-OFDM(255)	21.11	22.00	99.00	0.11
			0	CP-OFDM(256)	21.11	22.00	99.00	0.11
			0	CP-OFDM(257)	21.11	22.00	99.00	0.11
			0	CP-OFDM(258)	21.11	22.00	99.00	0.11
			0	CP-OFDM(259)	21.11	22.00	99.00	0.11
			0	CP-OFDM(260)	21.11	22.00	99.00	0.11
			0	CP-OFDM(261)	21.11	22.00	99.00	0.11
			0	CP-OFDM(262)	21.11	22.00	99.00	0.11
			0	CP-OFDM(263)	21.11	22.00	99.00	0.11
			0	CP-OFDM(264)	21.11	22.00	99.00	0.11
			0	CP-OFDM(265)	21.11	22.00	99.00	0.11
			0	CP-OFDM(266)	21.11	22.00	99.00	0.11
			0	CP-OFDM(267)	21.11	22.00	99.00	0.11
			0	CP-OFDM(268)	21.11	22.00	99.00	0.11
			0	CP-OFDM(269)	21.11	22.00	99.00	0.11
			0	CP-OFDM(270)	21.11	22.00	99.00	0.11
			0	CP-OFDM(271)	21.11	22.00	99.00	0.11
			0	CP-OFDM(272)	21.11	22.00	99.00	0.11

NR n77(3450-3550MHz) part ant 3 NSA Power

NR band	SCS (kHz)	Bandwidth (MHz)	RB allocation	Modulation	Average power (dBm)	Tune-up limit (dBm)	Duty cycle (%)	Power drop (dB)
n77	30	10	1	CP-OFDM	21.11	22.00	99.00	0.11
			1	DFT-s-OFDM	20.97	22.00	99.00	0.14
			36	CP-OFDM	20.12	21.00	99.00	0.11
			36	DFT-s-OFDM	19.97	21.00	99.00	0.14
			75	CP-OFDM	19.12	20.00	99.00	0.11
			75	DFT-s-OFDM	18.97	20.00	99.00	0.14
			0	CP-OFDM(1)	21.11	22.00	99.00	0.11
			0	CP-OFDM(2)	21.11	22.00	99.00	0.11
			0	CP-OFDM(3)	21.11	22.00	99.00	0.11
			0	CP-OFDM(4)	21.11	22.00	99.00	0.11
			0	CP-OFDM(5)	21.11	22.00	99.00	0.11
			0	CP-OFDM(6)	21.11	22.00	99.00	0.11
			0	CP-OFDM(7)	21.11	22.00	99.00	0.11
			0	CP-OFDM(8)	21.11	22.00	99.00	0.11
			0	CP-OFDM(9)	21.11	22.00	99.00	0.11
			0	CP-OFDM(10)	21.11	22.00	99.00	0.11
			0	CP-OFDM(11)	21.11	22.00	99.00	0.11
			0	CP-OFDM(12)	21.11	22.00	99.00	0.11
			0	CP-OFDM(13)	21.11	22.00	99.00	0.11
			0	CP-OFDM(14)	21.11	22.00	99.00	0.11
			0	CP-OFDM(15)	21.11	22.00	99.00	0.11
			0	CP-OFDM(16)	21.11	22.00	99.00	0.11
			0	CP-OFDM(17)	21.11	22.00	99.00	0.11
			0	CP-OFDM(18)	21.11	22.00	99.00	0.11
			0	CP-OFDM(19)	21.11	22.00	99.00	0.11
			0	CP-OFDM(20)	21.11	22.00	99.00	0.11
			0	CP-OFDM(21)	21.11	22.00	99.00	0.11
			0	CP-OFDM(22)	21.11	22.00	99.00	0.11
			0	CP-OFDM(23)	21.11	22.00	99.00	0.11
			0	CP-OFDM(24)	21.11	22.00	99.00	0.11
			0	CP-OFDM(25)	21.11	22.00	99.00	0.11
			0	CP-OFDM(26)	21.11	22.00	99.00	0.11
			0	CP-OFDM(27)	21.11	22.00	99.00	0.11
			0	CP-OFDM(28)	21.11	22.00	99.00	0.11
			0	CP-OFDM(29)	21.11	22.00	99.00	0.11
			0	CP-OFDM(30)	21.11	22.00	99.00	0.11
			0	CP-OFDM(31)	21.11	22.00	99.00	0.11
			0	CP-OFDM(32)	21.11	22.00	99.00	0.11
			0	CP-OFDM(33)	21.11	22.00	99.00	0.11
			0	CP-OFDM(34)	21.11	22.00	99.00	0.11
			0	CP-OFDM(35)	21.11	22.00	99.00	0.11
			0	CP-OFDM(36)	21.11	22.00	99.00	0.11
			0	CP-OFDM(37)	21.11	22.00	99.00	0.11
			0	CP-OFDM(38)	21.11	22.00	99.00	0.11
			0	CP-OFDM(39)	21.11	22.00	99.00	0.11
			0	CP-OFDM(40)	21.11	22.00	99.00	0.11
			0	CP-OFDM(41)	21.11	22.00	99.00	0.11
			0	CP-OFDM(42)	21.11	22.00	99.00	0.11
			0	CP-OFDM(43)	21.11	22.00	99.00	0.11
			0	CP-OFDM(44)	21.11	22.00	99.00	0.11
			0	CP-OFDM(45)	21.11	22.00	99.00	0.11
			0	CP-OFDM(46)	21.11	22.00	99.00	0.11
			0	CP-OFDM(47)	21.11	22.00	99.00	0.11
			0	CP-OFDM(48)	21.11	22.00	99.00	0.11
			0	CP-OFDM(49)	21.11	22.00	99.00	0.11
			0	CP-OFDM(50)	21.11	22.00	99.00	0.11
			0	CP-OFDM(51)	21.11	22.00	99.00	0.11
			0	CP-OFDM(52)	21.11	22.00	99.00	0.11
			0	CP-OFDM(53)	21.11	22.00	99.00	0.11
			0	CP-OFDM(54)	21.11	22.00	99.00	0.11
			0	CP-OFDM(55)	21.11	22.00	99.00	0.11
			0	CP-OFDM(56)	21.11	22.00	99.00	0.11
			0	CP-OFDM(57)	21.11	22.00	99.00	0.11
			0	CP-OFDM(58)	21.11	22.00	99.00	0.11
			0	CP-OFDM(59)	21.11	22.00	99.00	0.11
			0	CP-OFDM(60)	21.11	22.00	99.00	0.11
			0	CP-OFDM(61)	21.11	22.00	99.00	0.11
			0	CP-OFDM(62)	21.11	22.00	99.00	0.11
			0	CP-OFDM(63)	21.11	22.00	99.00	0.11
			0	CP-OFDM(64)	21.11	22.00	99.00	0.11
			0	CP-OFDM(65)	21.11	22.00	99.00	0.11
			0	CP-OFDM(66)	21.11	22.00	99.00	0.11
			0	CP-OFDM(67)	21.11	22.00	99.00	0.11
			0	CP-OFDM(68)	21.11	22.00	99.00	0.11
			0	CP-OFDM(69)	21.11	22.00	99.00	0.11
			0	CP-OFDM(70)	21.11	22.00	99.00	0.11
			0	CP-OFDM(71)	21.11	22.00	99.00	0.11
			0	CP-OFDM(72)	21.11	22.00	99.00	0.11
			0	CP-OFDM(73)	21.11	22.00

ANT 1

2.4GWi-Fi ant 1 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	16.38	13.39	13.01	10.86
CH 06	2437	16.13	13.26	13.36	11.21
CH 11	2462	**17.34**	13.93	12.19	10.58

Average Power (dBm)			
Channel	Frequency (MHz)	802.11n (HT40)	802.11ax40
CH 03	2422	12.83	10.87
CH 06	2437	13.33	11.26
CH 09	2452	13.07	11.02

Bluetooth ant 1 Full Power

Average Power (dBm)				
Channel	Frequency (MHz)	GFSK	π/4-DQPSK	8DPSK
CH 00	2402	6.91	6.48	6.87
CH 39	2441	6.87	6.66	**7.07**
CH 78	2480	6.51	6.48	6.67

Average Power (dBm)					
Channel	Frequency (MHz)	BLE PHY1M	BLE PHY2M	BLE CodedPHY S=2	BLE CodedPHY S=8
CH 00	2402	0.71	1.59	1.65	1.70
CH 20	2442	1.98	2.66	2.70	2.77
CH 39	2480	1.95	2.47	2.52	2.54

ANT 2

2.4GWi-Fi ant 2 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 b	802.11 g	802.11n (HT20)	802.11ax20
CH 01	2412	**17.67**	14.37	15.85	13.72
CH 06	2437	16.87	13.67	15.89	13.80
CH 11	2462	13.56	12.67	15.01	13.39

Average Power (dBm)			
Channel	Frequency (MHz)	802.11n (HT40)	802.11ax40
CH 03	2422	15.60	13.66
CH 06	2437	15.91	13.82
CH 09	2452	15.78	13.66

ANT 1

5.2GWi-Fi ant 1 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 36	5180	13.62	9.98	9.38	7.77
CH 40	5200	**13.87**	9.98	9.14	7.47
CH 48	5240	13.73	10.02	8.45	6.76

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 38	5190	7.26	9.17	7.44
CH 46	5230	7.85	8.64	6.95

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 42	5210	6.63	6.73

5.8GWi-Fi ant 1 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 149	5745	**14.04**	8.24	9.03	8.16
CH 157	5785	13.96	8.74	9.41	8.71
CH 165	5825	12.55	8.33	9.22	8.50

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 151	5755	8.35	9.00	6.73
CH 159	5795	8.12	9.15	6.83

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	7.03	6.48

ANT 2

5.2GWi-Fi ant 2 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 36	5180	11.90	12.31	**13.18**	11.62
CH 40	5200	11.26	12.23	13.05	11.43
CH 48	5240	9.98	11.95	12.76	11.17

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 38	5190	11.281	13.04	11.42
CH 46	5230	12.117	12.84	11.27

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 58	5290	10.791	10.99

5.8GWi-Fi ant 2 Full Power

Average Power (dBm)					
Channel	Frequency (MHz)	802.11 a	802.11 ac20	802.11 n20	802.11 ax20
CH 149	5745	12.66	12.07	12.79	12.58
CH 157	5785	12.51	12.83	**13.49**	12.76
CH 165	5825	9.74	12.62	13.41	12.75

Average Power (dBm)				
Channel	Frequency (MHz)	802.11 ac40	802.11 n40	802.11 ax40
CH 151	5755	12.15	12.95	10.49
CH 159	5795	12.99	13.27	10.98

Average Power (dBm)			
Channel	Frequency (MHz)	802.11 ac80	802.11 ax80
CH 155	5775	11.02	10.46

NFC ANT

Mode	Power (dBm)
NFC	-44.85

WPT ANT

Mode	Power (dBm)
WPT	-39.7