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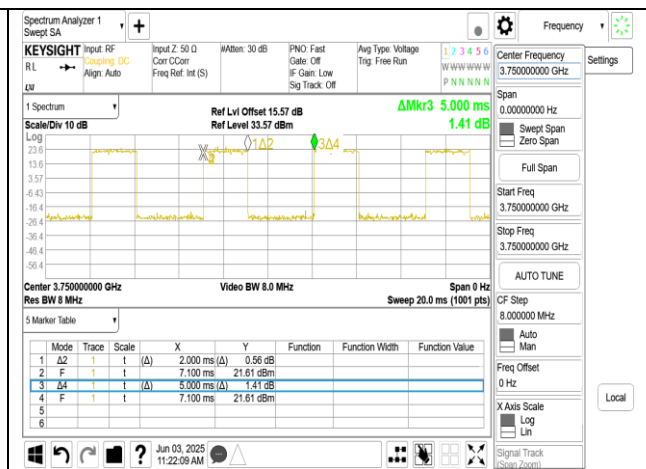
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1 MAXIMUM OUTPUT POWER

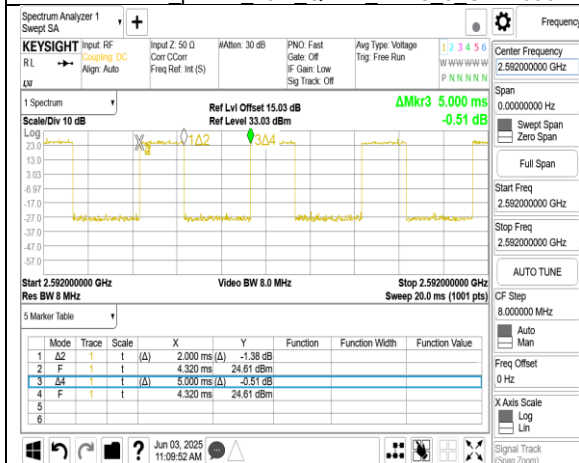
Mode	Duty Cycle (%) =Ton / (Ton+Toff)	Duty Factor (dB) =10*log (1/Duty Cycle)
FDD	100.00	0.00
(TDD)LTE_Band38_10MHz_QPSK	40.00	3.98
(TDD)LTE_Band41_20MHz_QPSK	40.00	3.98
(TDD)LTE_Band42_Part27_15MHz_QPSK	40.00	3.98
(TDD)LTE_Band43_Part27_20MHz_QPSK	40.00	3.98



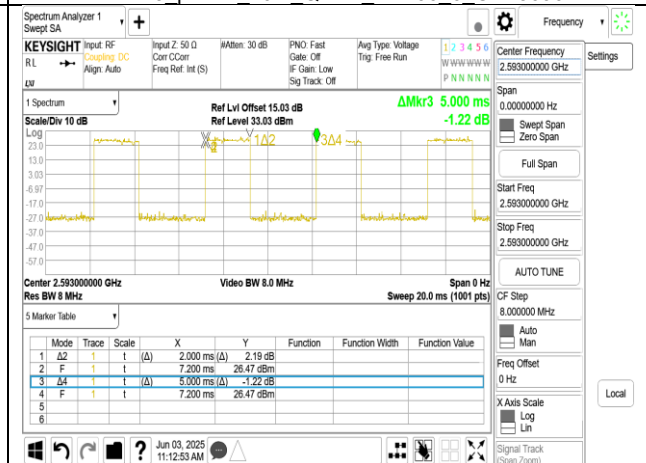
Band42_part27_15M QPSK RB75 0 CH42590



Band43_part27_20M QPSK RB100 0 CH45090



Band38_10M QPSK RB50 0 CH38000



Band41_20M QPSK RB100 0 CH40620

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Antenna gain (dBi)		2.49							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	18607	1850.7	QPSK	1	0	22.77	25.26	33	-7.74
				1	5	22.53	25.02	33	-7.98
				3	2	22.55	25.04	33	-7.96
				6	0	21.56	24.05	33	-8.95
	18900	1880	QPSK	1	0	22.62	25.11	33	-7.89
				1	5	22.58	25.07	33	-7.93
				3	2	22.60	25.09	33	-7.91
				6	0	21.59	24.08	33	-8.92
	19193	1909.3	QPSK	1	0	22.65	25.14	33	-7.86
				1	5	22.58	25.07	33	-7.93
				3	2	22.56	25.05	33	-7.95
				6	0	21.69	24.18	33	-8.82
1.4	18607	1850.7	16QAM	1	0	21.91	24.40	33	-8.6
				1	5	21.68	24.17	33	-8.83
				3	2	21.85	24.34	33	-8.66
				6	0	20.74	23.23	33	-9.77
	18900	1880	16QAM	1	0	21.88	24.37	33	-8.63
				1	5	21.85	24.34	33	-8.66
				3	2	21.69	24.18	33	-8.82
				6	0	20.74	23.23	33	-9.77
	19193	1909.3	16QAM	1	0	21.83	24.32	33	-8.68
				1	5	21.82	24.31	33	-8.69
				3	2	21.66	24.15	33	-8.85
				6	0	20.76	23.25	33	-9.75
1.4	18607	1850.7	64QAM	1	0	20.83	23.32	33	-9.68
				1	5	20.79	23.28	33	-9.72
				3	2	20.74	23.23	33	-9.77
				6	0	19.63	22.12	33	-10.88
	18900	1880	64QAM	1	0	20.77	23.26	33	-9.74
				1	5	20.82	23.31	33	-9.69
				3	2	20.70	23.19	33	-9.81
				6	0	19.70	22.19	33	-10.81
	19193	1909.3	64QAM	1	0	20.82	23.31	33	-9.69
				1	5	20.82	23.31	33	-9.69
				3	2	20.63	23.12	33	-9.88
				6	0	19.66	22.15	33	-10.85
1.4	18607	1850.7	256QAM	1	0	17.61	20.10	33	-12.9
				1	5	17.38	19.87	33	-13.13
				3	2	17.56	20.05	33	-12.95
				6	0	17.51	20.00	33	-13
	18900	1880	256QAM	1	0	17.85	20.34	33	-12.66
				1	5	17.57	20.06	33	-12.94
				3	2	17.58	20.07	33	-12.93
				6	0	17.47	19.96	33	-13.04
	19193	1909.3	256QAM	1	0	17.36	19.85	33	-13.15
				1	5	17.71	20.20	33	-12.8
				3	2	17.44	19.93	33	-13.07
				6	0	17.58	20.07	33	-12.93

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Antenna gain (dBi)		2.49							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	18615	1851.5	QPSK	1	0	22.56	25.05	33	-7.95
				1	14	22.53	25.02	33	-7.98
				8	4	21.61	24.10	33	-8.9
				15	0	21.66	24.15	33	-8.85
	18900	1880	QPSK	1	0	22.55	25.04	33	-7.96
				1	14	22.51	25.00	33	-8
				8	4	21.61	24.10	33	-8.9
				15	0	21.71	24.20	33	-8.8
	19185	1908.5	QPSK	1	0	22.51	25.00	33	-8
				1	14	22.50	24.99	33	-8.01
				8	4	21.64	24.13	33	-8.87
				15	0	21.63	24.12	33	-8.88
3	18615	1851.5	16QAM	1	0	21.74	24.23	33	-8.77
				1	14	21.85	24.34	33	-8.66
				8	4	20.74	23.23	33	-9.77
				15	0	20.69	23.18	33	-9.82
	18900	1880	16QAM	1	0	21.67	24.16	33	-8.84
				1	14	21.82	24.31	33	-8.69
				8	4	20.53	23.02	33	-9.98
				15	0	20.63	23.12	33	-9.88
	19185	1908.5	16QAM	1	0	22.01	24.50	33	-8.5
				1	14	21.83	24.32	33	-8.68
				8	4	20.70	23.19	33	-9.81
				15	0	20.67	23.16	33	-9.84
3	18615	1851.5	64QAM	1	0	20.72	23.21	33	-9.79
				1	14	20.72	23.21	33	-9.79
				8	4	19.71	22.20	33	-10.8
				15	0	19.66	22.15	33	-10.85
	18900	1880	64QAM	1	0	20.67	23.16	33	-9.84
				1	14	20.82	23.31	33	-9.69
				8	4	19.65	22.14	33	-10.86
				15	0	19.76	22.25	33	-10.75
	19185	1908.5	64QAM	1	0	20.91	23.40	33	-9.6
				1	14	20.65	23.14	33	-9.86
				8	4	19.70	22.19	33	-10.81
				15	0	19.65	22.14	33	-10.86
3	18615	1851.5	256QAM	1	0	17.78	20.27	33	-12.73
				1	14	17.48	19.97	33	-13.03
				8	4	17.57	20.06	33	-12.94
				15	0	17.65	20.14	33	-12.86
	18900	1880	256QAM	1	0	17.70	20.19	33	-12.81
				1	14	17.35	19.84	33	-13.16
				8	4	17.68	20.17	33	-12.83
				15	0	17.74	20.23	33	-12.77
	19185	1908.5	256QAM	1	0	17.54	20.03	33	-12.97
				1	14	17.54	20.03	33	-12.97
				8	4	17.48	19.97	33	-13.03
				15	0	17.60	20.09	33	-12.91

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	18625	1852.5	QPSK	1	0	22.55	25.04	33	-7.96
				1	24	22.57	25.06	33	-7.94
				12	6	21.68	24.17	33	-8.83
				25	0	21.67	24.16	33	-8.84
	18900	1880	QPSK	1	0	22.64	25.13	33	-7.87
				1	24	22.62	25.11	33	-7.89
				12	6	21.72	24.21	33	-8.79
				25	0	21.72	24.21	33	-8.79
	19175	1907.5	QPSK	1	0	22.57	25.06	33	-7.94
				1	24	22.59	25.08	33	-7.92
				12	6	21.70	24.19	33	-8.81
				25	0	21.69	24.18	33	-8.82
5	18625	1852.5	16QAM	1	0	21.96	24.45	33	-8.55
				1	24	21.76	24.25	33	-8.75
				12	6	20.74	23.23	33	-9.77
				25	0	20.73	23.22	33	-9.78
	18900	1880	16QAM	1	0	21.78	24.27	33	-8.73
				1	24	21.76	24.25	33	-8.75
				12	6	20.68	23.17	33	-9.83
				25	0	20.66	23.15	33	-9.85
	19175	1907.5	16QAM	1	0	21.84	24.33	33	-8.67
				1	24	21.94	24.43	33	-8.57
				12	6	20.78	23.27	33	-9.73
				25	0	20.75	23.24	33	-9.76
5	18625	1852.5	64QAM	1	0	21.77	24.26	33	-8.74
				1	24	21.73	24.22	33	-8.78
				12	6	20.75	23.24	33	-9.76
				25	0	20.71	23.20	33	-9.8
	18900	1880	64QAM	1	0	21.67	24.16	33	-8.84
				1	24	21.71	24.20	33	-8.8
				12	6	20.69	23.18	33	-9.82
				25	0	20.65	23.14	33	-9.86
	19175	1907.5	64QAM	1	0	21.74	24.23	33	-8.77
				1	24	21.68	24.17	33	-8.83
				12	6	20.65	23.14	33	-9.86
				25	0	20.71	23.20	33	-9.8
5	18625	1852.5	256QAM	1	0	17.84	20.33	33	-12.67
				1	24	17.66	20.15	33	-12.85
				12	6	17.55	20.04	33	-12.96
				25	0	17.62	20.11	33	-12.89
	18900	1880	256QAM	1	0	17.53	20.02	33	-12.98
				1	24	17.32	19.81	33	-13.19
				12	6	17.68	20.17	33	-12.83
				25	0	17.61	20.10	33	-12.9
	19175	1907.5	256QAM	1	0	17.42	19.91	33	-13.09
				1	24	17.69	20.18	33	-12.82
				12	6	17.70	20.19	33	-12.81
				25	0	17.70	20.19	33	-12.81

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LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	18650	1855	QPSK	1	0	22.69	25.18	33	-7.82
				1	49	22.58	25.07	33	-7.93
				25	12	21.64	24.13	33	-8.87
				50	0	21.69	24.18	33	-8.82
	18900	1880	QPSK	1	0	22.54	25.03	33	-7.97
				1	49	22.66	25.15	33	-7.85
				25	12	21.56	24.05	33	-8.95
				50	0	21.72	24.21	33	-8.79
	19150	1905	QPSK	1	0	22.56	25.05	33	-7.95
				1	49	22.58	25.07	33	-7.93
				25	12	21.69	24.18	33	-8.82
				50	0	21.62	24.11	33	-8.89
10	18650	1855	16QAM	1	0	22.01	24.50	33	-8.5
				1	49	21.87	24.36	33	-8.64
				25	12	20.73	23.22	33	-9.78
				50	0	20.64	23.13	33	-9.87
	18900	1880	16QAM	1	0	22.06	24.55	33	-8.45
				1	49	21.71	24.20	33	-8.8
				25	12	20.71	23.20	33	-9.8
				50	0	20.68	23.17	33	-9.83
	19150	1905	16QAM	1	0	21.88	24.37	33	-8.63
				1	49	22.05	24.54	33	-8.46
				25	12	20.74	23.23	33	-9.77
				50	0	20.59	23.08	33	-9.92
10	18650	1855	64QAM	1	0	21.81	24.30	33	-8.7
				1	49	21.66	24.15	33	-8.85
				25	12	20.72	23.21	33	-9.79
				50	0	20.64	23.13	33	-9.87
	18900	1880	64QAM	1	0	21.53	24.02	33	-8.98
				1	49	21.65	24.14	33	-8.86
				25	12	20.82	23.31	33	-9.69
				50	0	20.74	23.23	33	-9.77
	19150	1905	64QAM	1	0	21.63	24.12	33	-8.88
				1	49	21.77	24.26	33	-8.74
				25	12	20.56	23.05	33	-9.95
				50	0	20.59	23.08	33	-9.92
10	18650	1855	256QAM	1	0	17.91	20.40	33	-12.6
				1	49	17.82	20.31	33	-12.69
				25	12	17.72	20.21	33	-12.79
				50	0	17.72	20.21	33	-12.79
	18900	1880	256QAM	1	0	17.60	20.09	33	-12.91
				1	49	17.81	20.30	33	-12.7
				25	12	17.66	20.15	33	-12.85
				50	0	17.71	20.20	33	-12.8
	19150	1905	256QAM	1	0	17.71	20.20	33	-12.8
				1	49	17.45	19.94	33	-13.06
				25	12	17.55	20.04	33	-12.96
				50	0	17.58	20.07	33	-12.93

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Antenna gain (dBi)		2.49							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	18675	1857.5	QPSK	1	0	22.69	25.18	33	-7.82
				1	74	22.65	25.14	33	-7.86
				36	18	21.60	24.09	33	-8.91
				75	0	21.63	24.12	33	-8.88
	18900	1880	QPSK	1	0	22.84	25.33	33	-7.67
				1	74	22.68	25.17	33	-7.83
				36	18	21.56	24.05	33	-8.95
				75	0	21.68	24.17	33	-8.83
	19125	1902.5	QPSK	1	0	22.56	25.05	33	-7.95
				1	74	22.70	25.19	33	-7.81
				36	18	21.74	24.23	33	-8.77
				75	0	21.56	24.05	33	-8.95
15	18675	1857.5	16QAM	1	0	21.99	24.48	33	-8.52
				1	74	21.94	24.43	33	-8.57
				36	18	20.73	23.22	33	-9.78
				75	0	20.63	23.12	33	-9.88
	18900	1880	16QAM	1	0	22.29	24.78	33	-8.22
				1	74	21.92	24.41	33	-8.59
				36	18	20.60	23.09	33	-9.91
				75	0	20.73	23.22	33	-9.78
	19125	1902.5	16QAM	1	0	21.86	24.35	33	-8.65
				1	74	21.95	24.44	33	-8.56
				36	18	20.61	23.10	33	-9.9
				75	0	20.67	23.16	33	-9.84
15	18675	1857.5	64QAM	1	0	22.13	24.62	33	-8.38
				1	74	21.77	24.26	33	-8.74
				36	18	20.58	23.07	33	-9.93
				75	0	20.72	23.21	33	-9.79
	18900	1880	64QAM	1	0	21.58	24.07	33	-8.93
				1	74	21.78	24.27	33	-8.73
				36	18	20.62	23.11	33	-9.89
				75	0	20.75	23.24	33	-9.76
	19125	1902.5	64QAM	1	0	21.61	24.10	33	-8.9
				1	74	21.58	24.07	33	-8.93
				36	18	20.52	23.01	33	-9.99
				75	0	20.62	23.11	33	-9.89
15	18675	1857.5	256QAM	1	0	17.30	19.79	33	-13.21
				1	74	17.54	20.03	33	-12.97
				36	18	17.67	20.16	33	-12.84
				75	0	17.70	20.19	33	-12.81
	18900	1880	256QAM	1	0	17.40	19.89	33	-13.11
				1	74	17.47	19.96	33	-13.04
				36	18	17.64	20.13	33	-12.87
				75	0	17.55	20.04	33	-12.96
	19125	1902.5	256QAM	1	0	17.88	20.37	33	-12.63
				1	74	17.29	19.78	33	-13.22
				36	18	17.66	20.15	33	-12.85
				75	0	17.52	20.01	33	-12.99

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Antenna gain (dBi)		2.49							
LTE Band 2_Uplink frequency band : 1850 to 1910 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	18700	1860	QPSK	1	0	22.60	25.09	33	-7.91
				1	99	22.69	25.18	33	-7.82
				50	25	21.74	24.23	33	-8.77
				100	0	21.71	24.20	33	-8.8
	18900	1880	QPSK	1	0	22.80	25.29	33	-7.71
				1	99	22.74	25.23	33	-7.77
				50	25	21.74	24.23	33	-8.77
				100	0	21.71	24.20	33	-8.8
	19100	1900	QPSK	1	0	22.67	25.16	33	-7.84
				1	99	22.67	25.16	33	-7.84
				50	25	21.76	24.25	33	-8.75
				100	0	21.61	24.10	33	-8.9
20	18700	1860	16QAM	1	0	21.83	24.32	33	-8.68
				1	99	22.06	24.55	33	-8.45
				50	25	20.76	23.25	33	-9.75
				100	0	20.62	23.11	33	-9.89
	18900	1880	16QAM	1	0	21.98	24.47	33	-8.53
				1	99	21.83	24.32	33	-8.68
				50	25	20.78	23.27	33	-9.73
				100	0	20.75	23.24	33	-9.76
	19100	1900	16QAM	1	0	22.07	24.56	33	-8.44
				1	99	21.80	24.29	33	-8.71
				50	25	20.75	23.24	33	-9.76
				100	0	20.65	23.14	33	-9.86
20	18700	1860	64QAM	1	0	21.97	24.46	33	-8.54
				1	99	21.59	24.08	33	-8.92
				50	25	20.74	23.23	33	-9.77
				100	0	20.72	23.21	33	-9.79
	18900	1880	64QAM	1	0	21.70	24.19	33	-8.81
				1	99	21.86	24.35	33	-8.65
				50	25	20.75	23.24	33	-9.76
				100	0	20.62	23.11	33	-9.89
	19100	1900	64QAM	1	0	21.71	24.20	33	-8.8
				1	99	21.95	24.44	33	-8.56
				50	25	20.72	23.21	33	-9.79
				100	0	20.65	23.14	33	-9.86
20	18700	1860	256QAM	1	0	17.69	20.18	33	-12.82
				1	99	17.45	19.94	33	-13.06
				50	25	17.68	20.17	33	-12.83
				100	0	17.68	20.17	33	-12.83
	18900	1880	256QAM	1	0	17.34	19.83	33	-13.17
				1	99	17.47	19.96	33	-13.04
				50	25	17.66	20.15	33	-12.85
				100	0	17.64	20.13	33	-12.87
	19100	1900	256QAM	1	0	17.22	19.71	33	-13.29
				1	99	17.45	19.94	33	-13.06
				50	25	17.65	20.14	33	-12.86
				100	0	17.58	20.07	33	-12.93

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Antenna gain (dBi)		2.49							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	19957	1710.7	QPSK	1	0	22.56	25.05	30	-4.95
				1	5	22.57	25.06	30	-4.94
				3	2	22.48	24.97	30	-5.03
				6	0	21.59	24.08	30	-5.92
	20175	1732.5	QPSK	1	0	22.63	25.12	30	-4.88
				1	5	22.61	25.10	30	-4.9
				3	2	22.64	25.13	30	-4.87
				6	0	21.65	24.14	30	-5.86
	20393	1754.3	QPSK	1	0	22.73	25.22	30	-4.78
				1	5	22.55	25.04	30	-4.96
				3	2	22.62	25.11	30	-4.89
				6	0	21.55	24.04	30	-5.96
1.4	19957	1710.7	16QAM	1	0	21.88	24.37	30	-5.63
				1	5	21.91	24.40	30	-5.6
				3	2	21.62	24.11	30	-5.89
				6	0	20.51	23.00	30	-7
	20175	1732.5	16QAM	1	0	22.14	24.63	30	-5.37
				1	5	21.96	24.45	30	-5.55
				3	2	21.78	24.27	30	-5.73
				6	0	20.62	23.11	30	-6.89
	20393	1754.3	16QAM	1	0	21.84	24.33	30	-5.67
				1	5	21.76	24.25	30	-5.75
				3	2	21.77	24.26	30	-5.74
				6	0	20.75	23.24	30	-6.76
1.4	19957	1710.7	64QAM	1	0	20.66	23.15	30	-6.85
				1	5	20.61	23.10	30	-6.9
				3	2	20.65	23.14	30	-6.86
				6	0	19.66	22.15	30	-7.85
	20175	1732.5	64QAM	1	0	20.90	23.39	30	-6.61
				1	5	20.66	23.15	30	-6.85
				3	2	20.63	23.12	30	-6.88
				6	0	19.69	22.18	30	-7.82
	20393	1754.3	64QAM	1	0	20.84	23.33	30	-6.67
				1	5	20.76	23.25	30	-6.75
				3	2	20.64	23.13	30	-6.87
				6	0	19.65	22.14	30	-7.86
1.4	19957	1710.7	256QAM	1	0	17.35	19.84	30	-10.16
				1	5	17.38	19.87	30	-10.13
				3	2	17.56	20.05	30	-9.95
				6	0	17.51	20.00	30	-10
	20175	1732.5	256QAM	1	0	17.70	20.19	30	-9.81
				1	5	17.64	20.13	30	-9.87
				3	2	17.23	19.72	30	-10.28
				6	0	17.61	20.10	30	-9.9
	20393	1754.3	256QAM	1	0	17.61	20.10	30	-9.9
				1	5	17.65	20.14	30	-9.86
				3	2	17.63	20.12	30	-9.88
				6	0	17.64	20.13	30	-9.87

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Antenna gain (dBi)		2.49							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	19965	1711.5	QPSK	1	0	22.61	25.10	30	-4.9
				1	14	22.50	24.99	30	-5.01
				8	4	21.62	24.11	30	-5.89
				15	0	21.67	24.16	30	-5.84
	20175	1732.5	QPSK	1	0	22.67	25.16	30	-4.84
				1	14	22.65	25.14	30	-4.86
				8	4	21.59	24.08	30	-5.92
				15	0	21.63	24.12	30	-5.88
	20385	1753.5	QPSK	1	0	22.55	25.04	30	-4.96
				1	14	22.56	25.05	30	-4.95
				8	4	21.68	24.17	30	-5.83
				15	0	21.62	24.11	30	-5.89
3	19965	1711.5	16QAM	1	0	21.91	24.40	30	-5.6
				1	14	21.93	24.42	30	-5.58
				8	4	20.73	23.22	30	-6.78
				15	0	20.63	23.12	30	-6.88
	20175	1732.5	16QAM	1	0	21.96	24.45	30	-5.55
				1	14	21.92	24.41	30	-5.59
				8	4	20.55	23.04	30	-6.96
				15	0	20.59	23.08	30	-6.92
	20385	1753.5	16QAM	1	0	21.83	24.32	30	-5.68
				1	14	21.91	24.40	30	-5.6
				8	4	20.75	23.24	30	-6.76
				15	0	20.61	23.10	30	-6.9
3	19965	1711.5	64QAM	1	0	20.66	23.15	30	-6.85
				1	14	20.74	23.23	30	-6.77
				8	4	19.70	22.19	30	-7.81
				15	0	19.69	22.18	30	-7.82
	20175	1732.5	64QAM	1	0	20.99	23.48	30	-6.52
				1	14	20.67	23.16	30	-6.84
				8	4	19.58	22.07	30	-7.93
				15	0	19.60	22.09	30	-7.91
	20385	1753.5	64QAM	1	0	20.54	23.03	30	-6.97
				1	14	20.76	23.25	30	-6.75
				8	4	19.79	22.28	30	-7.72
				15	0	19.62	22.11	30	-7.89
3	19965	1711.5	256QAM	1	0	17.77	20.26	30	-9.74
				1	14	17.51	20.00	30	-10
				8	4	17.63	20.12	30	-9.88
				15	0	17.63	20.12	30	-9.88
	20175	1732.5	256QAM	1	0	17.64	20.13	30	-9.87
				1	14	17.80	20.29	30	-9.71
				8	4	17.64	20.13	30	-9.87
				15	0	17.59	20.08	30	-9.92
	20385	1753.5	256QAM	1	0	17.85	20.34	30	-9.66
				1	14	17.70	20.19	30	-9.81
				8	4	17.71	20.20	30	-9.8
				15	0	17.56	20.05	30	-9.95

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5	19975	1712.5	QPSK	1	0	22.59	25.08	30	-4.92
				1	24	22.64	25.13	30	-4.87
				12	6	21.71	24.20	30	-5.8
				25	0	21.62	24.11	30	-5.89
	20175	1732.5	QPSK	1	0	22.66	25.15	30	-4.85
				1	24	22.65	25.14	30	-4.86
				12	6	21.67	24.16	30	-5.84
				25	0	21.66	24.15	30	-5.85
	20375	1752.5	QPSK	1	0	22.72	25.21	30	-4.79
				1	24	22.54	25.03	30	-4.97
				12	6	21.68	24.17	30	-5.83
				25	0	21.67	24.16	30	-5.84
5	19975	1712.5	16QAM	1	0	21.71	24.20	30	-5.8
				1	24	21.82	24.31	30	-5.69
				12	6	20.67	23.16	30	-6.84
				25	0	20.67	23.16	30	-6.84
	20175	1732.5	16QAM	1	0	22.03	24.52	30	-5.48
				1	24	21.88	24.37	30	-5.63
				12	6	20.73	23.22	30	-6.78
				25	0	20.70	23.19	30	-6.81
	20375	1752.5	16QAM	1	0	21.82	24.31	30	-5.69
				1	24	21.83	24.32	30	-5.68
				12	6	20.73	23.22	30	-6.78
				25	0	20.70	23.19	30	-6.81
5	19975	1712.5	64QAM	1	0	20.77	23.26	30	-6.74
				1	24	20.78	23.27	30	-6.73
				12	6	19.66	22.15	30	-7.85
				25	0	19.66	22.15	30	-7.85
	20175	1732.5	64QAM	1	0	20.62	23.11	30	-6.89
				1	24	20.73	23.22	30	-6.78
				12	6	19.76	22.25	30	-7.75
				25	0	19.68	22.17	30	-7.83
	20375	1752.5	64QAM	1	0	20.82	23.31	30	-6.69
				1	24	20.78	23.27	30	-6.73
				12	6	19.73	22.22	30	-7.78
				25	0	19.73	22.22	30	-7.78
5	19975	1712.5	256QAM	1	0	17.51	20.00	30	-10
				1	24	17.67	20.16	30	-9.84
				12	6	17.56	20.05	30	-9.95
				25	0	17.61	20.10	30	-9.9
	20175	1732.5	256QAM	1	0	17.61	20.10	30	-9.9
				1	24	17.52	20.01	30	-9.99
				12	6	17.58	20.07	30	-9.93
				25	0	17.56	20.05	30	-9.95
	20375	1752.5	256QAM	1	0	17.73	20.22	30	-9.78
				1	24	17.69	20.18	30	-9.82
				12	6	17.60	20.09	30	-9.91
				25	0	17.69	20.18	30	-9.82

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Antenna gain (dBi)		2.49							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20000	1715	QPSK	1	0	22.57	25.06	30	-4.94
				1	49	22.58	25.07	30	-4.93
				25	12	21.58	24.07	30	-5.93
				50	0	21.71	24.20	30	-5.8
	20175	1732.5	QPSK	1	0	22.66	25.15	30	-4.85
				1	49	22.59	25.08	30	-4.92
				25	12	21.56	24.05	30	-5.95
				50	0	21.74	24.23	30	-5.77
	20350	1750	QPSK	1	0	22.51	25.00	30	-5
				1	49	22.65	25.14	30	-4.86
				25	12	21.69	24.18	30	-5.82
				50	0	21.68	24.17	30	-5.83
10	20000	1715	16QAM	1	0	21.86	24.35	30	-5.65
				1	49	21.88	24.37	30	-5.63
				25	12	20.62	23.11	30	-6.89
				50	0	20.73	23.22	30	-6.78
	20175	1732.5	16QAM	1	0	22.07	24.56	30	-5.44
				1	49	21.95	24.44	30	-5.56
				25	12	20.63	23.12	30	-6.88
				50	0	20.68	23.17	30	-6.83
	20350	1750	16QAM	1	0	21.85	24.34	30	-5.66
				1	49	21.96	24.45	30	-5.55
				25	12	20.77	23.26	30	-6.74
				50	0	20.74	23.23	30	-6.77
10	20000	1715	64QAM	1	0	20.92	23.41	30	-6.59
				1	49	20.69	23.18	30	-6.82
				25	12	19.54	22.03	30	-7.97
				50	0	19.74	22.23	30	-7.77
	20175	1732.5	64QAM	1	0	20.70	23.19	30	-6.81
				1	49	20.88	23.37	30	-6.63
				25	12	19.55	22.04	30	-7.96
				50	0	19.69	22.18	30	-7.82
	20350	1750	64QAM	1	0	20.83	23.32	30	-6.68
				1	49	20.86	23.35	30	-6.65
				25	12	19.67	22.16	30	-7.84
				50	0	19.73	22.22	30	-7.78
10	20000	1715	256QAM	1	0	17.79	20.28	30	-9.72
				1	49	17.37	19.86	30	-10.14
				25	12	17.66	20.15	30	-9.85
				50	0	17.62	20.11	30	-9.89
	20175	1732.5	256QAM	1	0	17.68	20.17	30	-9.83
				1	49	17.59	20.08	30	-9.92
				25	12	17.60	20.09	30	-9.91
				50	0	17.60	20.09	30	-9.91
	20350	1750	256QAM	1	0	17.56	20.05	30	-9.95
				1	49	17.48	19.97	30	-10.03
				25	12	17.71	20.20	30	-9.8
				50	0	17.73	20.22	30	-9.78

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Antenna gain (dBi)		2.49							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20025	1717.5	QPSK	1	0	22.68	25.17	30	-4.83
				1	74	22.74	25.23	30	-4.77
				36	18	21.64	24.13	30	-5.87
				75	0	21.70	24.19	30	-5.81
	20175	1732.5	QPSK	1	0	22.67	25.16	30	-4.84
				1	74	22.68	25.17	30	-4.83
				36	18	21.76	24.25	30	-5.75
				75	0	21.72	24.21	30	-5.79
	20325	1747.5	QPSK	1	0	22.86	25.35	30	-4.65
				1	74	22.73	25.22	30	-4.78
				36	18	21.77	24.26	30	-5.74
				75	0	21.66	24.15	30	-5.85
15	20025	1717.5	16QAM	1	0	21.77	24.26	30	-5.74
				1	74	21.88	24.37	30	-5.63
				36	18	20.53	23.02	30	-6.98
				75	0	20.74	23.23	30	-6.77
	20175	1732.5	16QAM	1	0	21.85	24.34	30	-5.66
				1	74	21.88	24.37	30	-5.63
				36	18	20.72	23.21	30	-6.79
				75	0	20.67	23.16	30	-6.84
	20325	1747.5	16QAM	1	0	21.91	24.40	30	-5.6
				1	74	21.78	24.27	30	-5.73
				36	18	20.82	23.31	30	-6.69
				75	0	20.71	23.20	30	-6.8
15	20025	1717.5	64QAM	1	0	20.70	23.19	30	-6.81
				1	74	20.84	23.33	30	-6.67
				36	18	19.52	22.01	30	-7.99
				75	0	19.62	22.11	30	-7.89
	20175	1732.5	64QAM	1	0	20.86	23.35	30	-6.65
				1	74	20.69	23.18	30	-6.82
				36	18	19.83	22.32	30	-7.68
				75	0	19.61	22.10	30	-7.9
	20325	1747.5	64QAM	1	0	20.77	23.26	30	-6.74
				1	74	20.78	23.27	30	-6.73
				36	18	19.73	22.22	30	-7.78
				75	0	19.69	22.18	30	-7.82
15	20025	1717.5	256QAM	1	0	17.43	19.92	30	-10.08
				1	74	17.78	20.27	30	-9.73
				36	18	17.65	20.14	30	-9.86
				75	0	17.51	20.00	30	-10
	20175	1732.5	256QAM	1	0	17.81	20.30	30	-9.7
				1	74	17.60	20.09	30	-9.91
				36	18	17.66	20.15	30	-9.85
				75	0	17.55	20.04	30	-9.96
	20325	1747.5	256QAM	1	0	17.71	20.20	30	-9.8
				1	74	17.69	20.18	30	-9.82
				36	18	17.76	20.25	30	-9.75
				75	0	17.72	20.21	30	-9.79

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Antenna gain (dBi)		2.49							
LTE Band 4_Uplink frequency band : 1710 to 1755 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20050	1720	QPSK	1	0	22.87	25.36	30	-4.64
				1	99	22.90	25.39	30	-4.61
				50	25	21.78	24.27	30	-5.73
				100	0	21.68	24.17	30	-5.83
	20175	1732.5	QPSK	1	0	22.89	25.38	30	-4.62
				1	99	22.68	25.17	30	-4.83
				50	25	21.67	24.16	30	-5.84
				100	0	21.58	24.07	30	-5.93
	20300	1745	QPSK	1	0	22.91	25.40	30	-4.6
				1	99	22.66	25.15	30	-4.85
				50	25	21.72	24.21	30	-5.79
				100	0	21.73	24.22	30	-5.78
20	20050	1720	16QAM	1	0	22.03	24.52	30	-5.48
				1	99	21.93	24.42	30	-5.58
				50	25	20.77	23.26	30	-6.74
				100	0	20.72	23.21	30	-6.79
	20175	1732.5	16QAM	1	0	21.86	24.35	30	-5.65
				1	99	21.92	24.41	30	-5.59
				50	25	20.72	23.21	30	-6.79
				100	0	20.57	23.06	30	-6.94
	20300	1745	16QAM	1	0	21.81	24.30	30	-5.7
				1	99	21.78	24.27	30	-5.73
				50	25	20.77	23.26	30	-6.74
				100	0	20.67	23.16	30	-6.84
20	20050	1720	64QAM	1	0	20.65	23.14	30	-6.86
				1	99	20.81	23.30	30	-6.7
				50	25	19.73	22.22	30	-7.78
				100	0	19.72	22.21	30	-7.79
	20175	1732.5	64QAM	1	0	20.90	23.39	30	-6.61
				1	99	20.69	23.18	30	-6.82
				50	25	19.73	22.22	30	-7.78
				100	0	19.59	22.08	30	-7.92
	20300	1745	64QAM	1	0	20.96	23.45	30	-6.55
				1	99	20.77	23.26	30	-6.74
				50	25	19.79	22.28	30	-7.72
				100	0	19.69	22.18	30	-7.82
20	20050	1720	256QAM	1	0	17.30	19.79	30	-10.21
				1	99	17.38	19.87	30	-10.13
				50	25	17.71	20.20	30	-9.8
				100	0	17.66	20.15	30	-9.85
	20175	1732.5	256QAM	1	0	17.30	19.79	30	-10.21
				1	99	17.46	19.95	30	-10.05
				50	25	17.64	20.13	30	-9.87
				100	0	17.53	20.02	30	-9.98
	20300	1745	256QAM	1	0	17.43	19.92	30	-10.08
				1	99	17.58	20.07	30	-9.93
				50	25	17.38	19.87	30	-10.13
				100	0	17.65	20.14	30	-9.86

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Antenna gain (dBi)		0.28								
LTE Band 5 Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	20407	824.7	QPSK	1	0	22.60	22.88	20.73	38.45	-17.72
				1	5	22.53	22.81	20.66	38.45	-17.79
				3	2	22.60	22.88	20.73	38.45	-17.72
				6	0	21.58	21.86	19.71	38.45	-18.74
	20525	836.5	QPSK	1	0	22.70	22.98	20.83	38.45	-17.62
				1	5	22.62	22.90	20.75	38.45	-17.7
				3	2	22.56	22.84	20.69	38.45	-17.76
				6	0	21.61	21.89	19.74	38.45	-18.71
	20643	848.3	QPSK	1	0	22.84	23.12	20.97	38.45	-17.48
				1	5	22.62	22.90	20.75	38.45	-17.7
				3	2	22.55	22.83	20.68	38.45	-17.77
				6	0	21.59	21.87	19.72	38.45	-18.73
1.4	20407	824.7	16QAM	1	0	21.92	22.20	20.05	38.45	-18.4
				1	5	21.96	22.24	20.09	38.45	-18.36
				3	2	21.71	21.99	19.84	38.45	-18.61
				6	0	20.67	20.95	18.80	38.45	-19.65
	20525	836.5	16QAM	1	0	22.06	22.34	20.19	38.45	-18.26
				1	5	21.97	22.25	20.10	38.45	-18.35
				3	2	21.82	22.10	19.95	38.45	-18.5
				6	0	20.63	20.91	18.76	38.45	-19.69
	20643	848.3	16QAM	1	0	21.85	22.13	19.98	38.45	-18.47
				1	5	21.95	22.23	20.08	38.45	-18.37
				3	2	21.77	22.05	19.90	38.45	-18.55
				6	0	20.70	20.98	18.83	38.45	-19.62
1.4	20407	824.7	64QAM	1	0	20.73	21.01	18.86	38.45	-19.59
				1	5	20.74	21.02	18.87	38.45	-19.58
				3	2	20.59	20.87	18.72	38.45	-19.73
				6	0	19.57	19.85	17.70	38.45	-20.75
	20525	836.5	64QAM	1	0	20.86	21.14	18.99	38.45	-19.46
				1	5	20.75	21.03	18.88	38.45	-19.57
				3	2	20.76	21.04	18.89	38.45	-19.56
				6	0	19.56	19.84	17.69	38.45	-20.76
	20643	848.3	64QAM	1	0	20.80	21.08	18.93	38.45	-19.52
				1	5	20.83	21.11	18.96	38.45	-19.49
				3	2	20.71	20.99	18.84	38.45	-19.61
				6	0	19.63	19.91	17.76	38.45	-20.69
1.4	20407	824.7	256QAM	1	0	17.67	17.95	15.80	38.45	-22.65
				1	5	17.67	17.95	15.80	38.45	-22.65
				3	2	17.59	17.87	15.72	38.45	-22.73
				6	0	17.64	17.92	15.77	38.45	-22.68
	20525	836.5	256QAM	1	0	17.80	18.08	15.93	38.45	-22.52
				1	5	17.61	17.89	15.74	38.45	-22.71
				3	2	17.74	18.02	15.87	38.45	-22.58
				6	0	17.62	17.90	15.75	38.45	-22.7
	20643	848.3	256QAM	1	0	17.48	17.76	15.61	38.45	-22.84
				1	5	17.41	17.69	15.54	38.45	-22.91
				3	2	17.44	17.72	15.57	38.45	-22.88
				6	0	17.56	17.84	15.69	38.45	-22.76

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Antenna gain (dBi)		0.28								
LTE Band 5 Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	20415	825.5	QPSK	1	0	22.65	22.93	20.78	38.45	-17.67
				1	14	22.51	22.79	20.64	38.45	-17.81
				8	4	21.66	21.94	19.79	38.45	-18.66
				15	0	21.65	21.93	19.78	38.45	-18.67
	20525	836.5	QPSK	1	0	22.64	22.92	20.77	38.45	-17.68
				1	14	22.52	22.80	20.65	38.45	-17.8
				8	4	21.59	21.87	19.72	38.45	-18.73
				15	0	21.63	21.91	19.76	38.45	-18.69
	20635	847.5	QPSK	1	0	22.56	22.84	20.69	38.45	-17.76
				1	14	22.54	22.82	20.67	38.45	-17.78
				8	4	21.67	21.95	19.80	38.45	-18.65
				15	0	21.61	21.89	19.74	38.45	-18.71
3	20415	825.5	16QAM	1	0	21.89	22.17	20.02	38.45	-18.43
				1	14	21.76	22.04	19.89	38.45	-18.56
				8	4	20.72	21.00	18.85	38.45	-19.6
				15	0	20.70	20.98	18.83	38.45	-19.62
	20525	836.5	16QAM	1	0	21.78	22.06	19.91	38.45	-18.54
				1	14	21.75	22.03	19.88	38.45	-18.57
				8	4	20.73	21.01	18.86	38.45	-19.59
				15	0	20.52	20.80	18.65	38.45	-19.8
	20635	847.5	16QAM	1	0	21.88	22.16	20.01	38.45	-18.44
				1	14	21.79	22.07	19.92	38.45	-18.53
				8	4	20.70	20.98	18.83	38.45	-19.62
				15	0	20.61	20.89	18.74	38.45	-19.71
3	20415	825.5	64QAM	1	0	20.78	21.06	18.91	38.45	-19.54
				1	14	20.81	21.09	18.94	38.45	-19.51
				8	4	19.68	19.96	17.81	38.45	-20.64
				15	0	19.68	19.96	17.81	38.45	-20.64
	20525	836.5	64QAM	1	0	20.66	20.94	18.79	38.45	-19.66
				1	14	20.64	20.92	18.77	38.45	-19.68
				8	4	19.62	19.90	17.75	38.45	-20.7
				15	0	19.55	19.83	17.68	38.45	-20.77
	20635	847.5	64QAM	1	0	21.06	21.34	19.19	38.45	-19.26
				1	14	20.67	20.95	18.80	38.45	-19.65
				8	4	19.62	19.90	17.75	38.45	-20.7
				15	0	19.64	19.92	17.77	38.45	-20.68
3	20415	825.5	256QAM	1	0	17.61	17.89	15.74	38.45	-22.71
				1	14	17.58	17.86	15.71	38.45	-22.74
				8	4	17.60	17.88	15.73	38.45	-22.72
				15	0	17.62	17.90	15.75	38.45	-22.7
	20525	836.5	256QAM	1	0	17.63	17.91	15.76	38.45	-22.69
				1	14	17.60	17.88	15.73	38.45	-22.72
				8	4	17.55	17.83	15.68	38.45	-22.77
				15	0	17.60	17.88	15.73	38.45	-22.72
	20635	847.5	256QAM	1	0	17.39	17.67	15.52	38.45	-22.93
				1	14	17.51	17.79	15.64	38.45	-22.81
				8	4	17.50	17.78	15.63	38.45	-22.82
				15	0	17.48	17.76	15.61	38.45	-22.84

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Antenna gain (dBi)		0.28								
LTE Band 5 Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	20425	826.5	QPSK	1	0	22.65	22.93	20.78	38.45	-17.67
				1	24	22.57	22.85	20.70	38.45	-17.75
				12	6	21.72	22.00	19.85	38.45	-18.6
				25	0	21.70	21.98	19.83	38.45	-18.62
	20525	836.5	QPSK	1	0	22.62	22.90	20.75	38.45	-17.7
				1	24	22.56	22.84	20.69	38.45	-17.76
				12	6	21.67	21.95	19.80	38.45	-18.65
				25	0	21.70	21.98	19.83	38.45	-18.62
	20625	846.5	QPSK	1	0	22.52	22.80	20.65	38.45	-17.8
				1	24	22.56	22.84	20.69	38.45	-17.76
				12	6	21.65	21.93	19.78	38.45	-18.67
				25	0	21.64	21.92	19.77	38.45	-18.68
5	20425	826.5	16QAM	1	0	21.83	22.11	19.96	38.45	-18.49
				1	24	21.71	21.99	19.84	38.45	-18.61
				12	6	20.69	20.97	18.82	38.45	-19.63
				25	0	20.73	21.01	18.86	38.45	-19.59
	20525	836.5	16QAM	1	0	22.00	22.28	20.13	38.45	-18.32
				1	24	21.99	22.27	20.12	38.45	-18.33
				12	6	20.66	20.94	18.79	38.45	-19.66
				25	0	20.57	20.85	18.70	38.45	-19.75
	20625	846.5	16QAM	1	0	21.86	22.14	19.99	38.45	-18.46
				1	24	21.91	22.19	20.04	38.45	-18.41
				12	6	20.61	20.89	18.74	38.45	-19.71
				25	0	20.66	20.94	18.79	38.45	-19.66
5	20425	826.5	64QAM	1	0	20.88	21.16	19.01	38.45	-19.44
				1	24	20.64	20.92	18.77	38.45	-19.68
				12	6	19.68	19.96	17.81	38.45	-20.64
				25	0	19.68	19.96	17.81	38.45	-20.64
	20525	836.5	64QAM	1	0	20.80	21.08	18.93	38.45	-19.52
				1	24	20.85	21.13	18.98	38.45	-19.47
				12	6	19.67	19.95	17.80	38.45	-20.65
				25	0	19.67	19.95	17.80	38.45	-20.65
	20625	846.5	64QAM	1	0	20.69	20.97	18.82	38.45	-19.63
				1	24	20.68	20.96	18.81	38.45	-19.64
				12	6	19.71	19.99	17.84	38.45	-20.61
				25	0	19.65	19.93	17.78	38.45	-20.67
5	20425	826.5	256QAM	1	0	17.77	18.05	15.90	38.45	-22.55
				1	24	17.47	17.75	15.60	38.45	-22.85
				12	6	17.66	17.94	15.79	38.45	-22.66
				25	0	17.63	17.91	15.76	38.45	-22.69
	20525	836.5	256QAM	1	0	17.63	17.91	15.76	38.45	-22.69
				1	24	17.62	17.90	15.75	38.45	-22.7
				12	6	17.61	17.89	15.74	38.45	-22.71
				25	0	17.58	17.86	15.71	38.45	-22.74
	20625	846.5	256QAM	1	0	17.71	17.99	15.84	38.45	-22.61
				1	24	17.58	17.86	15.71	38.45	-22.74
				12	6	17.54	17.82	15.67	38.45	-22.78
				25	0	17.47	17.75	15.60	38.45	-22.85

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Antenna gain (dBi)		0.28								
LTE Band 5 Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	20450	829	QPSK	1	0	22.73	23.01	20.86	38.45	-17.59
				1	49	22.71	22.99	20.84	38.45	-17.61
				25	12	21.60	21.88	19.73	38.45	-18.72
				50	0	21.76	22.04	19.89	38.45	-18.56
	20525	836.5	QPSK	1	0	22.65	22.93	20.78	38.45	-17.67
				1	49	22.61	22.89	20.74	38.45	-17.71
				25	12	21.74	22.02	19.87	38.45	-18.58
				50	0	21.64	21.92	19.77	38.45	-18.68
	20600	844	QPSK	1	0	22.71	22.99	20.84	38.45	-17.61
				1	49	22.55	22.83	20.68	38.45	-17.77
				25	12	21.57	21.85	19.70	38.45	-18.75
				50	0	21.56	21.84	19.69	38.45	-18.76
10	20450	829	16QAM	1	0	21.93	22.21	20.06	38.45	-18.39
				1	49	21.79	22.07	19.92	38.45	-18.53
				25	12	20.79	21.07	18.92	38.45	-19.53
				50	0	20.72	21.00	18.85	38.45	-19.6
	20525	836.5	16QAM	1	0	22.08	22.36	20.21	38.45	-18.24
				1	49	22.03	22.31	20.16	38.45	-18.29
				25	12	20.64	20.92	18.77	38.45	-19.68
				50	0	20.66	20.94	18.79	38.45	-19.66
	20600	844	16QAM	1	0	21.98	22.26	20.11	38.45	-18.34
				1	49	21.87	22.15	20.00	38.45	-18.45
				25	12	20.59	20.87	18.72	38.45	-19.73
				50	0	20.70	20.98	18.83	38.45	-19.62
10	20450	829	64QAM	1	0	20.92	21.20	19.05	38.45	-19.4
				1	49	20.63	20.91	18.76	38.45	-19.69
				25	12	19.64	19.92	17.77	38.45	-20.68
				50	0	19.78	20.06	17.91	38.45	-20.54
	20525	836.5	64QAM	1	0	20.75	21.03	18.88	38.45	-19.57
				1	49	20.74	21.02	18.87	38.45	-19.58
				25	12	19.68	19.96	17.81	38.45	-20.64
				50	0	19.75	20.03	17.88	38.45	-20.57
	20600	844	64QAM	1	0	20.78	21.06	18.91	38.45	-19.54
				1	49	20.80	21.08	18.93	38.45	-19.52
				25	12	19.74	20.02	17.87	38.45	-20.58
				50	0	19.73	20.01	17.86	38.45	-20.59
10	20450	829	256QAM	1	0	17.75	18.03	15.88	38.45	-22.57
				1	49	17.72	18.00	15.85	38.45	-22.6
				25	12	17.66	17.94	15.79	38.45	-22.66
				50	0	17.66	17.94	15.79	38.45	-22.66
	20525	836.5	256QAM	1	0	17.72	18.00	15.85	38.45	-22.6
				1	49	17.62	17.90	15.75	38.45	-22.7
				25	12	17.65	17.93	15.78	38.45	-22.67
				50	0	17.62	17.90	15.75	38.45	-22.7
	20600	844	256QAM	1	0	17.62	17.90	15.75	38.45	-22.7
				1	49	17.55	17.83	15.68	38.45	-22.77
				25	12	17.62	17.90	15.75	38.45	-22.7
				50	0	17.55	17.83	15.68	38.45	-22.77

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Antenna gain (dBi)		0.99							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	20775	2502.5	QPSK	1	0	22.79	23.78	33	-9.22
				1	24	22.72	23.71	33	-9.29
				12	6	21.78	22.77	33	-10.23
				25	0	21.77	22.76	33	-10.24
	21100	2535	QPSK	1	0	22.30	23.29	33	-9.71
				1	24	22.31	23.30	33	-9.7
				12	6	21.43	22.42	33	-10.58
				25	0	21.45	22.44	33	-10.56
	21425	2567.5	QPSK	1	0	22.58	23.57	33	-9.43
				1	24	22.47	23.46	33	-9.54
				12	6	21.55	22.54	33	-10.46
				25	0	21.62	22.61	33	-10.39
5	20775	2502.5	16QAM	1	0	22.03	23.02	33	-9.98
				1	24	21.98	22.97	33	-10.03
				12	6	20.90	21.89	33	-11.11
				25	0	20.73	21.72	33	-11.28
	21100	2535	16QAM	1	0	21.80	22.79	33	-10.21
				1	24	21.62	22.61	33	-10.39
				12	6	20.56	21.55	33	-11.45
				25	0	20.44	21.43	33	-11.57
	21425	2567.5	16QAM	1	0	21.77	22.76	33	-10.24
				1	24	21.75	22.74	33	-10.26
				12	6	20.67	21.66	33	-11.34
				25	0	20.63	21.62	33	-11.38
5	20775	2502.5	64QAM	1	0	20.97	21.96	33	-11.04
				1	24	20.87	21.86	33	-11.14
				12	6	19.82	20.81	33	-12.19
				25	0	19.82	20.81	33	-12.19
	21100	2535	64QAM	1	0	20.78	21.77	33	-11.23
				1	24	20.82	21.81	33	-11.19
				12	6	19.59	20.58	33	-12.42
				25	0	19.42	20.41	33	-12.59
	21425	2567.5	64QAM	1	0	20.78	21.77	33	-11.23
				1	24	20.63	21.62	33	-11.38
				12	6	19.66	20.65	33	-12.35
				25	0	19.61	20.60	33	-12.4
5	20775	2502.5	256QAM	1	0	17.28	18.27	33	-14.73
				1	24	17.39	18.38	33	-14.62
				12	6	17.43	18.42	33	-14.58
				25	0	17.36	18.35	33	-14.65
	21100	2535	256QAM	1	0	17.59	18.58	33	-14.42
				1	24	17.45	18.44	33	-14.56
				12	6	17.50	18.49	33	-14.51
				25	0	17.47	18.46	33	-14.54
	21425	2567.5	256QAM	1	0	17.33	18.32	33	-14.68
				1	24	17.24	18.23	33	-14.77
				12	6	17.28	18.27	33	-14.73
				25	0	17.24	18.23	33	-14.77

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Antenna gain (dBi)		0.99							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	20800	2505	QPSK	1	0	22.86	23.85	33	-9.15
				1	49	22.66	23.65	33	-9.35
				25	12	21.78	22.77	33	-10.23
				50	0	21.81	22.80	33	-10.2
	21100	2535	QPSK	1	0	22.50	23.49	33	-9.51
				1	49	22.41	23.40	33	-9.6
				25	12	21.50	22.49	33	-10.51
				50	0	21.36	22.35	33	-10.65
	21400	2565	QPSK	1	0	22.50	23.49	33	-9.51
				1	49	22.57	23.56	33	-9.44
				25	12	21.57	22.56	33	-10.44
				50	0	21.56	22.55	33	-10.45
10	20800	2505	16QAM	1	0	22.22	23.21	33	-9.79
				1	49	22.10	23.09	33	-9.91
				25	12	20.77	21.76	33	-11.24
				50	0	20.79	21.78	33	-11.22
	21100	2535	16QAM	1	0	21.85	22.84	33	-10.16
				1	49	21.50	22.49	33	-10.51
				25	12	20.53	21.52	33	-11.48
				50	0	20.35	21.34	33	-11.66
	21400	2565	16QAM	1	0	21.90	22.89	33	-10.11
				1	49	21.85	22.84	33	-10.16
				25	12	20.61	21.60	33	-11.4
				50	0	20.54	21.53	33	-11.47
10	20800	2505	64QAM	1	0	20.90	21.89	33	-11.11
				1	49	20.85	21.84	33	-11.16
				25	12	19.80	20.79	33	-12.21
				50	0	19.74	20.73	33	-12.27
	21100	2535	64QAM	1	0	20.62	21.61	33	-11.39
				1	49	20.57	21.56	33	-11.44
				25	12	19.53	20.52	33	-12.48
				50	0	19.42	20.41	33	-12.59
	21400	2565	64QAM	1	0	20.67	21.66	33	-11.34
				1	49	20.70	21.69	33	-11.31
				25	12	19.67	20.66	33	-12.34
				50	0	19.62	20.61	33	-12.39
10	20800	2505	256QAM	1	0	17.25	18.24	33	-14.76
				1	49	17.29	18.28	33	-14.72
				25	12	17.46	18.45	33	-14.55
				50	0	17.44	18.43	33	-14.57
	21100	2535	256QAM	1	0	17.51	18.50	33	-14.5
				1	49	17.38	18.37	33	-14.63
				25	12	17.26	18.25	33	-14.75
				50	0	17.33	18.32	33	-14.68
	21400	2565	256QAM	1	0	17.29	18.28	33	-14.72
				1	49	17.30	18.29	33	-14.71
				25	12	17.29	18.28	33	-14.72
				50	0	17.34	18.33	33	-14.67

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Antenna gain (dBi)		0.99							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	20825	2507.5	QPSK	1	0	22.79	23.78	33	-9.22
				1	74	22.52	23.51	33	-9.49
				36	18	21.74	22.73	33	-10.27
				75	0	21.61	22.60	33	-10.4
	21100	2535	QPSK	1	0	22.83	23.82	33	-9.18
				1	74	22.46	23.45	33	-9.55
				36	18	21.50	22.49	33	-10.51
				75	0	21.29	22.28	33	-10.72
	21375	2562.5	QPSK	1	0	22.38	23.37	33	-9.63
				1	74	22.77	23.76	33	-9.24
				36	18	21.54	22.53	33	-10.47
				75	0	21.58	22.57	33	-10.43
15	20825	2507.5	16QAM	1	0	21.89	22.88	33	-10.12
				1	74	21.81	22.80	33	-10.2
				36	18	20.63	21.62	33	-11.38
				75	0	20.58	21.57	33	-11.43
	21100	2535	16QAM	1	0	21.69	22.68	33	-10.32
				1	74	21.49	22.48	33	-10.52
				36	18	20.50	21.49	33	-11.51
				75	0	20.30	21.29	33	-11.71
	21375	2562.5	16QAM	1	0	21.70	22.69	33	-10.31
				1	74	21.67	22.66	33	-10.34
				36	18	20.53	21.52	33	-11.48
				75	0	20.56	21.55	33	-11.45
15	20825	2507.5	64QAM	1	0	20.86	21.85	33	-11.15
				1	74	20.71	21.70	33	-11.3
				36	18	19.74	20.73	33	-12.27
				75	0	19.60	20.59	33	-12.41
	21100	2535	64QAM	1	0	20.70	21.69	33	-11.31
				1	74	20.37	21.36	33	-11.64
				36	18	19.53	20.52	33	-12.48
				75	0	19.29	20.28	33	-12.72
	21375	2562.5	64QAM	1	0	20.42	21.41	33	-11.59
				1	74	20.49	21.48	33	-11.52
				36	18	19.57	20.56	33	-12.44
				75	0	19.51	20.50	33	-12.5
15	20825	2507.5	256QAM	1	0	17.52	18.51	33	-14.49
				1	74	17.48	18.47	33	-14.53
				36	18	17.34	18.33	33	-14.67
				75	0	17.36	18.35	33	-14.65
	21100	2535	256QAM	1	0	17.53	18.52	33	-14.48
				1	74	17.42	18.41	33	-14.59
				36	18	17.44	18.43	33	-14.57
				75	0	17.23	18.22	33	-14.78
	21375	2562.5	256QAM	1	0	17.33	18.32	33	-14.68
				1	74	17.31	18.30	33	-14.7
				36	18	17.21	18.20	33	-14.8
				75	0	17.22	18.21	33	-14.79

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Antenna gain (dBi)		0.99							
LTE Band 7_Uplink frequency band : 2500 to 2570 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	20850	2510	QPSK	1	0	22.95	23.94	33	-9.06
				1	99	22.81	23.80	33	-9.2
				50	25	21.75	22.74	33	-10.26
				100	0	21.68	22.67	33	-10.33
	21100	2535	QPSK	1	0	22.74	23.73	33	-9.27
				1	99	22.51	23.50	33	-9.5
				50	25	21.58	22.57	33	-10.43
				100	0	21.30	22.29	33	-10.71
	21350	2560	QPSK	1	0	22.60	23.59	33	-9.41
				1	99	22.46	23.45	33	-9.55
				50	25	21.54	22.53	33	-10.47
				100	0	21.53	22.52	33	-10.48
20	20850	2510	16QAM	1	0	22.06	23.05	33	-9.95
				1	99	21.91	22.90	33	-10.1
				50	25	20.79	21.78	33	-11.22
				100	0	20.65	21.64	33	-11.36
	21100	2535	16QAM	1	0	21.70	22.69	33	-10.31
				1	99	21.37	22.36	33	-10.64
				50	25	20.56	21.55	33	-11.45
				100	0	20.27	21.26	33	-11.74
	21350	2560	16QAM	1	0	21.62	22.61	33	-10.39
				1	99	21.60	22.59	33	-10.41
				50	25	20.52	21.51	33	-11.49
				100	0	20.53	21.52	33	-11.48
20	20850	2510	64QAM	1	0	21.11	22.10	33	-10.9
				1	99	20.77	21.76	33	-11.24
				50	25	19.71	20.70	33	-12.3
				100	0	19.68	20.67	33	-12.33
	21100	2535	64QAM	1	0	20.86	21.85	33	-11.15
				1	99	20.52	21.51	33	-11.49
				50	25	19.57	20.56	33	-12.44
				100	0	19.27	20.26	33	-12.74
	21350	2560	64QAM	1	0	20.63	21.62	33	-11.38
				1	99	20.52	21.51	33	-11.49
				50	25	19.53	20.52	33	-12.48
				100	0	19.58	20.57	33	-12.43
20	20850	2510	256QAM	1	0	17.52	18.51	33	-14.49
				1	99	17.40	18.39	33	-14.61
				50	25	17.23	18.22	33	-14.78
				100	0	17.48	18.47	33	-14.53
	21100	2535	256QAM	1	0	17.37	18.36	33	-14.64
				1	99	17.17	18.16	33	-14.84
				50	25	17.47	18.46	33	-14.54
				100	0	17.28	18.27	33	-14.73
	21350	2560	256QAM	1	0	17.22	18.21	33	-14.79
				1	99	17.24	18.23	33	-14.77
				50	25	17.34	18.33	33	-14.67
				100	0	17.22	18.21	33	-14.79

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Antenna gain (dBi)		-2.18								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	23017	699.7	QPSK	1	0	22.48	20.30	18.15	34.77	-16.62
				1	5	22.45	20.27	18.12	34.77	-16.65
				3	2	22.47	20.29	18.14	34.77	-16.63
				6	0	21.46	19.28	17.13	34.77	-17.64
	23095	707.5	QPSK	1	0	22.53	20.35	18.20	34.77	-16.57
				1	5	22.45	20.27	18.12	34.77	-16.65
				3	2	22.56	20.38	18.23	34.77	-16.54
				6	0	21.47	19.29	17.14	34.77	-17.63
	23173	715.3	QPSK	1	0	22.59	20.41	18.26	34.77	-16.51
				1	5	22.46	20.28	18.13	34.77	-16.64
				3	2	22.52	20.34	18.19	34.77	-16.58
				6	0	21.52	19.34	17.19	34.77	-17.58
1.4	23017	699.7	16QAM	1	0	21.88	19.70	17.55	34.77	-17.22
				1	5	21.81	19.63	17.48	34.77	-17.29
				3	2	21.55	19.37	17.22	34.77	-17.55
				6	0	20.48	18.30	16.15	34.77	-18.62
	23095	707.5	16QAM	1	0	21.69	19.51	17.36	34.77	-17.41
				1	5	21.68	19.50	17.35	34.77	-17.42
				3	2	21.64	19.46	17.31	34.77	-17.46
				6	0	20.55	18.37	16.22	34.77	-18.55
	23173	715.3	16QAM	1	0	21.79	19.61	17.46	34.77	-17.31
				1	5	21.87	19.69	17.54	34.77	-17.23
				3	2	21.53	19.35	17.20	34.77	-17.57
				6	0	20.55	18.37	16.22	34.77	-18.55
1.4	23017	699.7	64QAM	1	0	20.51	18.33	16.18	34.77	-18.59
				1	5	20.68	18.50	16.35	34.77	-18.42
				3	2	20.57	18.39	16.24	34.77	-18.53
				6	0	19.45	17.27	15.12	34.77	-19.65
	23095	707.5	64QAM	1	0	20.82	18.64	16.49	34.77	-18.28
				1	5	20.76	18.58	16.43	34.77	-18.34
				3	2	20.71	18.53	16.38	34.77	-18.39
				6	0	19.50	17.32	15.17	34.77	-19.6
	23173	715.3	64QAM	1	0	20.75	18.57	16.42	34.77	-18.35
				1	5	20.70	18.52	16.37	34.77	-18.4
				3	2	20.60	18.42	16.27	34.77	-18.5
				6	0	19.52	17.34	15.19	34.77	-19.58
1.4	23017	699.7	256QAM	1	0	17.50	15.32	13.17	34.77	-21.6
				1	5	17.30	15.12	12.97	34.77	-21.8
				3	2	17.41	15.23	13.08	34.77	-21.69
				6	0	17.36	15.18	13.03	34.77	-21.74
	23095	707.5	256QAM	1	0	17.39	15.21	13.06	34.77	-21.71
				1	5	17.35	15.17	13.02	34.77	-21.75
				3	2	17.48	15.30	13.15	34.77	-21.62
				6	0	17.41	15.23	13.08	34.77	-21.69
	23173	715.3	256QAM	1	0	17.48	15.30	13.15	34.77	-21.62
				1	5	17.41	15.23	13.08	34.77	-21.69
				3	2	17.49	15.31	13.16	34.77	-21.61
				6	0	17.45	15.27	13.12	34.77	-21.65

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LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	23025	700.5	QPSK	1	0	22.34	20.16	18.01	34.77	-16.76
				1	14	22.42	20.24	18.09	34.77	-16.68
				8	4	21.53	19.35	17.20	34.77	-17.57
				15	0	21.52	19.34	17.19	34.77	-17.58
	23095	707.5	QPSK	1	0	22.54	20.36	18.21	34.77	-16.56
				1	14	22.51	20.33	18.18	34.77	-16.59
				8	4	21.56	19.38	17.23	34.77	-17.54
				15	0	21.48	19.30	17.15	34.77	-17.62
	23165	714.5	QPSK	1	0	22.52	20.34	18.19	34.77	-16.58
				1	14	22.43	20.25	18.10	34.77	-16.67
				8	4	21.60	19.42	17.27	34.77	-17.5
				15	0	21.54	19.36	17.21	34.77	-17.56
3	23025	700.5	16QAM	1	0	21.60	19.42	17.27	34.77	-17.5
				1	14	21.80	19.62	17.47	34.77	-17.3
				8	4	20.56	18.38	16.23	34.77	-18.54
				15	0	20.52	18.34	16.19	34.77	-18.58
	23095	707.5	16QAM	1	0	21.87	19.69	17.54	34.77	-17.23
				1	14	21.78	19.60	17.45	34.77	-17.32
				8	4	20.55	18.37	16.22	34.77	-18.55
				15	0	20.51	18.33	16.18	34.77	-18.59
	23165	714.5	16QAM	1	0	21.86	19.68	17.53	34.77	-17.24
				1	14	21.65	19.47	17.32	34.77	-17.45
				8	4	20.67	18.49	16.34	34.77	-18.43
				15	0	20.63	18.45	16.30	34.77	-18.47
3	23025	700.5	64QAM	1	0	20.71	18.53	16.38	34.77	-18.39
				1	14	20.58	18.40	16.25	34.77	-18.52
				8	4	19.55	17.37	15.22	34.77	-19.55
				15	0	19.50	17.32	15.17	34.77	-19.6
	23095	707.5	64QAM	1	0	20.76	18.58	16.43	34.77	-18.34
				1	14	20.57	18.39	16.24	34.77	-18.53
				8	4	19.55	17.37	15.22	34.77	-19.55
				15	0	19.54	17.36	15.21	34.77	-19.56
	23165	714.5	64QAM	1	0	20.75	18.57	16.42	34.77	-18.35
				1	14	20.62	18.44	16.29	34.77	-18.48
				8	4	19.67	17.49	15.34	34.77	-19.43
				15	0	19.55	17.37	15.22	34.77	-19.55
3	23025	700.5	256QAM	1	0	17.62	15.44	13.29	34.77	-21.48
				1	14	17.43	15.25	13.10	34.77	-21.67
				8	4	17.38	15.20	13.05	34.77	-21.72
				15	0	17.36	15.18	13.03	34.77	-21.74
	23095	707.5	256QAM	1	0	17.57	15.39	13.24	34.77	-21.53
				1	14	17.22	15.04	12.89	34.77	-21.88
				8	4	17.48	15.30	13.15	34.77	-21.62
				15	0	17.45	15.27	13.12	34.77	-21.65
	23165	714.5	256QAM	1	0	17.35	15.17	13.02	34.77	-21.75
				1	14	17.51	15.33	13.18	34.77	-21.59
				8	4	17.26	15.08	12.93	34.77	-21.84
				15	0	17.56	15.38	13.23	34.77	-21.54

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Antenna gain (dBi)		-2.18								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23035	701.5	QPSK	1	0	22.53	20.35	18.20	34.77	-16.57
				1	24	22.46	20.28	18.13	34.77	-16.64
				12	6	21.56	19.38	17.23	34.77	-17.54
				25	0	21.55	19.37	17.22	34.77	-17.55
	23095	707.5	QPSK	1	0	22.45	20.27	18.12	34.77	-16.65
				1	24	22.56	20.38	18.23	34.77	-16.54
				12	6	21.50	19.32	17.17	34.77	-17.6
				25	0	21.59	19.41	17.26	34.77	-17.51
	23155	713.5	QPSK	1	0	22.61	20.43	18.28	34.77	-16.49
				1	24	22.57	20.39	18.24	34.77	-16.53
				12	6	21.63	19.45	17.30	34.77	-17.47
				25	0	21.58	19.40	17.25	34.77	-17.52
5	23035	701.5	16QAM	1	0	21.88	19.70	17.55	34.77	-17.22
				1	24	21.69	19.51	17.36	34.77	-17.41
				12	6	20.58	18.40	16.25	34.77	-18.52
				25	0	20.57	18.39	16.24	34.77	-18.53
	23095	707.5	16QAM	1	0	21.74	19.56	17.41	34.77	-17.36
				1	24	21.79	19.61	17.46	34.77	-17.31
				12	6	20.58	18.40	16.25	34.77	-18.52
				25	0	20.57	18.39	16.24	34.77	-18.53
	23155	713.5	16QAM	1	0	21.87	19.69	17.54	34.77	-17.23
				1	24	21.65	19.47	17.32	34.77	-17.45
				12	6	20.64	18.46	16.31	34.77	-18.46
				25	0	20.59	18.41	16.26	34.77	-18.51
5	23035	701.5	64QAM	1	0	20.58	18.40	16.25	34.77	-18.52
				1	24	20.58	18.40	16.25	34.77	-18.52
				12	6	19.54	17.36	15.21	34.77	-19.56
				25	0	19.55	17.37	15.22	34.77	-19.55
	23095	707.5	64QAM	1	0	20.66	18.48	16.33	34.77	-18.44
				1	24	20.80	18.62	16.47	34.77	-18.3
				12	6	19.54	17.36	15.21	34.77	-19.56
				25	0	19.51	17.33	15.18	34.77	-19.59
	23155	713.5	64QAM	1	0	20.92	18.74	16.59	34.77	-18.18
				1	24	20.66	18.48	16.33	34.77	-18.44
				12	6	19.62	17.44	15.29	34.77	-19.48
				25	0	19.59	17.41	15.26	34.77	-19.51
5	23035	701.5	256QAM	1	0	17.57	15.39	13.24	34.77	-21.53
				1	24	17.45	15.27	13.12	34.77	-21.65
				12	6	17.53	15.35	13.20	34.77	-21.57
				25	0	17.17	14.99	12.84	34.77	-21.93
	23095	707.5	256QAM	1	0	17.43	15.25	13.10	34.77	-21.67
				1	24	17.45	15.27	13.12	34.77	-21.65
				12	6	17.46	15.28	13.13	34.77	-21.64
				25	0	17.52	15.34	13.19	34.77	-21.58
	23155	713.5	256QAM	1	0	17.50	15.32	13.17	34.77	-21.6
				1	24	17.46	15.28	13.13	34.77	-21.64
				12	6	17.56	15.38	13.23	34.77	-21.54
				25	0	17.50	15.32	13.17	34.77	-21.6

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Antenna gain (dBi)		-2.18								
LTE Band 12_Uplink frequency band : 699 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23060	704	QPSK	1	0	22.46	20.28	18.13	34.77	-16.64
				1	49	22.50	20.32	18.17	34.77	-16.6
				25	12	21.64	19.46	17.31	34.77	-17.46
				50	0	21.57	19.39	17.24	34.77	-17.53
	23095	707.5	QPSK	1	0	22.59	20.41	18.26	34.77	-16.51
				1	49	22.54	20.36	18.21	34.77	-16.56
				25	12	21.50	19.32	17.17	34.77	-17.6
				50	0	21.54	19.36	17.21	34.77	-17.56
	23130	711	QPSK	1	0	22.53	20.35	18.20	34.77	-16.57
				1	49	22.51	20.33	18.18	34.77	-16.59
				25	12	21.53	19.35	17.20	34.77	-17.57
				50	0	21.61	19.43	17.28	34.77	-17.49
10	23060	704	16QAM	1	0	21.77	19.59	17.44	34.77	-17.33
				1	49	21.90	19.72	17.57	34.77	-17.2
				25	12	20.50	18.32	16.17	34.77	-18.6
				50	0	20.61	18.43	16.28	34.77	-18.49
	23095	707.5	16QAM	1	0	21.93	19.75	17.60	34.77	-17.17
				1	49	21.79	19.61	17.46	34.77	-17.31
				25	12	20.57	18.39	16.24	34.77	-18.53
				50	0	20.58	18.40	16.25	34.77	-18.52
	23130	711	16QAM	1	0	21.78	19.60	17.45	34.77	-17.32
				1	49	21.70	19.52	17.37	34.77	-17.4
				25	12	20.64	18.46	16.31	34.77	-18.46
				50	0	20.67	18.49	16.34	34.77	-18.43
10	23060	704	64QAM	1	0	20.66	18.48	16.33	34.77	-18.44
				1	49	20.69	18.51	16.36	34.77	-18.41
				25	12	19.55	17.37	15.22	34.77	-19.55
				50	0	19.60	17.42	15.27	34.77	-19.5
	23095	707.5	64QAM	1	0	20.78	18.60	16.45	34.77	-18.32
				1	49	20.75	18.57	16.42	34.77	-18.35
				25	12	19.57	17.39	15.24	34.77	-19.53
				50	0	19.49	17.31	15.16	34.77	-19.61
	23130	711	64QAM	1	0	20.74	18.56	16.41	34.77	-18.36
				1	49	20.77	18.59	16.44	34.77	-18.33
				25	12	19.54	17.36	15.21	34.77	-19.56
				50	0	19.64	17.46	15.31	34.77	-19.46
10	23060	704	256QAM	1	0	17.38	15.20	13.05	34.77	-21.72
				1	49	17.50	15.32	13.17	34.77	-21.6
				25	12	17.55	15.37	13.22	34.77	-21.55
				50	0	17.54	15.36	13.21	34.77	-21.56
	23095	707.5	256QAM	1	0	17.22	15.04	12.89	34.77	-21.88
				1	49	17.40	15.22	13.07	34.77	-21.7
				25	12	17.53	15.35	13.20	34.77	-21.57
				50	0	17.45	15.27	13.12	34.77	-21.65
	23130	711	256QAM	1	0	17.59	15.41	13.26	34.77	-21.51
				1	49	17.37	15.19	13.04	34.77	-21.73
				25	12	17.44	15.26	13.11	34.77	-21.66
				50	0	17.55	15.37	13.22	34.77	-21.55

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Antenna gain (dBi)		-2.18								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23205	779.5	QPSK	1	0	22.48	20.30	18.15	34.77	-16.62
				1	24	22.54	20.36	18.21	34.77	-16.56
				12	6	21.59	19.41	17.26	34.77	-17.51
				25	0	21.60	19.42	17.27	34.77	-17.5
	23230	782	QPSK	1	0	22.57	20.39	18.24	34.77	-16.53
				1	24	22.33	20.15	18.00	34.77	-16.77
				12	6	21.58	19.40	17.25	34.77	-17.52
				25	0	21.50	19.32	17.17	34.77	-17.6
	23255	784.5	QPSK	1	0	22.59	20.41	18.26	34.77	-16.51
				1	24	22.32	20.14	17.99	34.77	-16.78
				12	6	21.53	19.35	17.20	34.77	-17.57
				25	0	21.40	19.22	17.07	34.77	-17.7
5	23205	779.5	16QAM	1	0	21.78	19.60	17.45	34.77	-17.32
				1	24	21.83	19.65	17.50	34.77	-17.27
				12	6	20.73	18.55	16.40	34.77	-18.37
				25	0	20.62	18.44	16.29	34.77	-18.48
	23230	782	16QAM	1	0	21.93	19.75	17.60	34.77	-17.17
				1	24	21.63	19.45	17.30	34.77	-17.47
				12	6	20.53	18.35	16.20	34.77	-18.57
				25	0	20.54	18.36	16.21	34.77	-18.56
	23255	784.5	16QAM	1	0	22.13	19.95	17.80	34.77	-16.97
				1	24	21.64	19.46	17.31	34.77	-17.46
				12	6	20.58	18.40	16.25	34.77	-18.52
				25	0	20.63	18.45	16.30	34.77	-18.47
5	23205	779.5	64QAM	1	0	21.01	18.83	16.68	34.77	-18.09
				1	24	20.60	18.42	16.27	34.77	-18.5
				12	6	19.68	17.50	15.35	34.77	-19.42
				25	0	19.60	17.42	15.27	34.77	-19.5
	23230	782	64QAM	1	0	20.61	18.43	16.28	34.77	-18.49
				1	24	20.66	18.48	16.33	34.77	-18.44
				12	6	19.65	17.47	15.32	34.77	-19.45
				25	0	19.50	17.32	15.17	34.77	-19.6
	23255	784.5	64QAM	1	0	20.96	18.78	16.63	34.77	-18.14
				1	24	20.63	18.45	16.30	34.77	-18.47
				12	6	19.52	17.34	15.19	34.77	-19.58
				25	0	19.49	17.31	15.16	34.77	-19.61
5	23205	779.5	256QAM	1	0	17.51	15.33	13.18	34.77	-21.59
				1	24	17.41	15.23	13.08	34.77	-21.69
				12	6	17.50	15.32	13.17	34.77	-21.6
				25	0	17.49	15.31	13.16	34.77	-21.61
	23230	782	256QAM	1	0	17.56	15.38	13.23	34.77	-21.54
				1	24	17.49	15.31	13.16	34.77	-21.61
				12	6	17.50	15.32	13.17	34.77	-21.6
				25	0	17.51	15.33	13.18	34.77	-21.59
	23255	784.5	256QAM	1	0	17.39	15.21	13.06	34.77	-21.71
				1	24	17.26	15.08	12.93	34.77	-21.84
				12	6	17.45	15.27	13.12	34.77	-21.65
				25	0	17.44	15.26	13.11	34.77	-21.66

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Antenna gain (dBi)		-2.18								
LTE Band 13_Uplink frequency band : 777 to 787 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23230	782	QPSK	1	0	22.62	20.44	18.29	34.77	-16.48
				1	49	22.46	20.28	18.13	34.77	-16.64
				25	12	21.57	19.39	17.24	34.77	-17.53
				50	0	21.51	19.33	17.18	34.77	-17.59
10	23230	782	16QAM	1	0	22.09	19.91	17.76	34.77	-17.01
				1	49	21.87	19.69	17.54	34.77	-17.23
				25	12	20.54	18.36	16.21	34.77	-18.56
				50	0	20.51	18.33	16.18	34.77	-18.59
10	23230	782	64QAM	1	0	20.68	18.50	16.35	34.77	-18.42
				1	49	20.57	18.39	16.24	34.77	-18.53
				25	12	19.57	17.39	15.24	34.77	-19.53
				50	0	19.59	17.41	15.26	34.77	-19.51
10	23230	782	256QAM	1	0	17.58	15.40	13.25	34.77	-21.52
				1	49	17.35	15.17	13.02	34.77	-21.75
				25	12	17.49	15.31	13.16	34.77	-21.61
				50	0	17.50	15.32	13.17	34.77	-21.6

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Antenna gain (dBi)		-2.18								
LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23305	790.5	QPSK	1	0	22.50	20.32	18.17	34.77	-16.6
				1	24	22.52	20.34	18.19	34.77	-16.58
				12	6	21.68	19.50	17.35	34.77	-17.42
				25	0	21.69	19.51	17.36	34.77	-17.41
	23330	793	QPSK	1	0	22.48	20.30	18.15	34.77	-16.62
				1	24	22.59	20.41	18.26	34.77	-16.51
				12	6	21.58	19.40	17.25	34.77	-17.52
				25	0	21.62	19.44	17.29	34.77	-17.48
	23355	795.5	QPSK	1	0	22.65	20.47	18.32	34.77	-16.45
				1	24	22.58	20.40	18.25	34.77	-16.52
				12	6	21.66	19.48	17.33	34.77	-17.44
				25	0	21.69	19.51	17.36	34.77	-17.41
5	23305	790.5	16QAM	1	0	21.98	19.80	17.65	34.77	-17.12
				1	24	21.86	19.68	17.53	34.77	-17.24
				12	6	20.69	18.51	16.36	34.77	-18.41
				25	0	20.73	18.55	16.40	34.77	-18.37
	23330	793	16QAM	1	0	21.73	19.55	17.40	34.77	-17.37
				1	24	21.85	19.67	17.52	34.77	-17.25
				12	6	20.59	18.41	16.26	34.77	-18.51
				25	0	20.58	18.40	16.25	34.77	-18.52
	23355	795.5	16QAM	1	0	21.78	19.60	17.45	34.77	-17.32
				1	24	21.87	19.69	17.54	34.77	-17.23
				12	6	20.70	18.52	16.37	34.77	-18.4
				25	0	20.63	18.45	16.30	34.77	-18.47
5	23305	790.5	64QAM	1	0	20.85	18.67	16.52	34.77	-18.25
				1	24	20.77	18.59	16.44	34.77	-18.33
				12	6	19.65	17.47	15.32	34.77	-19.45
				25	0	19.69	17.51	15.36	34.77	-19.41
	23330	793	64QAM	1	0	20.77	18.59	16.44	34.77	-18.33
				1	24	20.69	18.51	16.36	34.77	-18.41
				12	6	19.66	17.48	15.33	34.77	-19.44
				25	0	19.60	17.42	15.27	34.77	-19.5
	23355	795.5	64QAM	1	0	20.89	18.71	16.56	34.77	-18.21
				1	24	20.74	18.56	16.41	34.77	-18.36
				12	6	19.66	17.48	15.33	34.77	-19.44
				25	0	19.78	17.60	15.45	34.77	-19.32
5	23305	790.5	256QAM	1	0	17.39	15.21	13.06	34.77	-21.71
				1	24	17.70	15.52	13.37	34.77	-21.4
				12	6	17.62	15.44	13.29	34.77	-21.48
				25	0	17.63	15.45	13.30	34.77	-21.47
	23330	793	256QAM	1	0	17.47	15.29	13.14	34.77	-21.63
				1	24	17.44	15.26	13.11	34.77	-21.66
				12	6	17.57	15.39	13.24	34.77	-21.53
				25	0	17.52	15.34	13.19	34.77	-21.58
	23355	795.5	256QAM	1	0	17.76	15.58	13.43	34.77	-21.34
				1	24	17.48	15.30	13.15	34.77	-21.62
				12	6	17.65	15.47	13.32	34.77	-21.45
				25	0	17.65	15.47	13.32	34.77	-21.45

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Antenna gain (dBi)		-2.18								
LTE Band 14_Uplink frequency band : 788 to 798 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23330	793	QPSK	1	0	22.62	20.44	18.29	34.77	-16.48
				1	49	22.60	20.42	18.27	34.77	-16.5
				25	12	21.52	19.34	17.19	34.77	-17.58
				50	0	21.63	19.45	17.30	34.77	-17.47
10	23330	793	16QAM	1	0	21.91	19.73	17.58	34.77	-17.19
				1	49	21.86	19.68	17.53	34.77	-17.24
				25	12	20.64	18.46	16.31	34.77	-18.46
				50	0	20.68	18.50	16.35	34.77	-18.42
10	23330	793	64QAM	1	0	20.72	18.54	16.39	34.77	-18.38
				1	49	20.68	18.50	16.35	34.77	-18.42
				25	12	19.50	17.32	15.17	34.77	-19.6
				50	0	19.56	17.38	15.23	34.77	-19.54
10	23330	793	256QAM	1	0	17.76	15.58	13.43	34.77	-21.34
				1	49	17.49	15.31	13.16	34.77	-21.61
				25	12	17.60	15.42	13.27	34.77	-21.5
				50	0	17.57	15.39	13.24	34.77	-21.53

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Antenna gain (dBi)		-2.18								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	23755	706.5	QPSK	1	0	22.78	20.60	18.45	34.77	-16.32
				1	24	22.75	20.57	18.42	34.77	-16.35
				12	6	21.87	19.69	17.54	34.77	-17.23
				25	0	21.80	19.62	17.47	34.77	-17.3
	23790	710	QPSK	1	0	22.65	20.47	18.32	34.77	-16.45
				1	24	22.77	20.59	18.44	34.77	-16.33
				12	6	21.88	19.70	17.55	34.77	-17.22
				25	0	21.84	19.66	17.51	34.77	-17.26
	23825	713.5	QPSK	1	0	22.92	20.74	18.59	34.77	-16.18
				1	24	22.80	20.62	18.47	34.77	-16.3
				12	6	21.84	19.66	17.51	34.77	-17.26
				25	0	21.87	19.69	17.54	34.77	-17.23
5	23755	706.5	16QAM	1	0	22.02	19.84	17.69	34.77	-17.08
				1	24	21.92	19.74	17.59	34.77	-17.18
				12	6	20.85	18.67	16.52	34.77	-18.25
				25	0	20.85	18.67	16.52	34.77	-18.25
	23790	710	16QAM	1	0	22.17	19.99	17.84	34.77	-16.93
				1	24	22.00	19.82	17.67	34.77	-17.1
				12	6	20.87	18.69	16.54	34.77	-18.23
				25	0	20.92	18.74	16.59	34.77	-18.18
	23825	713.5	16QAM	1	0	21.94	19.76	17.61	34.77	-17.16
				1	24	22.09	19.91	17.76	34.77	-17.01
				12	6	20.90	18.72	16.57	34.77	-18.2
				25	0	20.87	18.69	16.54	34.77	-18.23
5	23755	706.5	64QAM	1	0	20.97	18.79	16.64	34.77	-18.13
				1	24	20.82	18.64	16.49	34.77	-18.28
				12	6	19.84	17.66	15.51	34.77	-19.26
				25	0	19.81	17.63	15.48	34.77	-19.29
	23790	710	64QAM	1	0	21.03	18.85	16.70	34.77	-18.07
				1	24	20.92	18.74	16.59	34.77	-18.18
				12	6	19.83	17.65	15.50	34.77	-19.27
				25	0	19.79	17.61	15.46	34.77	-19.31
	23825	713.5	64QAM	1	0	20.99	18.81	16.66	34.77	-18.11
				1	24	20.97	18.79	16.64	34.77	-18.13
				12	6	19.91	17.73	15.58	34.77	-19.19
				25	0	19.86	17.68	15.53	34.77	-19.24
5	23755	706.5	256QAM	1	0	17.74	15.56	13.41	34.77	-21.36
				1	24	17.65	15.47	13.32	34.77	-21.45
				12	6	17.71	15.53	13.38	34.77	-21.39
				25	0	17.74	15.56	13.41	34.77	-21.36
	23790	710	256QAM	1	0	17.89	15.71	13.56	34.77	-21.21
				1	24	17.67	15.49	13.34	34.77	-21.43
				12	6	17.76	15.58	13.43	34.77	-21.34
				25	0	17.78	15.60	13.45	34.77	-21.32
	23825	713.5	256QAM	1	0	17.55	15.37	13.22	34.77	-21.55
				1	24	17.50	15.32	13.17	34.77	-21.6
				12	6	17.70	15.52	13.37	34.77	-21.4
				25	0	17.73	15.55	13.40	34.77	-21.37

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Antenna gain (dBi)		-2.18								
LTE Band 17_Uplink frequency band : 704 to 716 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	23780	709	QPSK	1	0	22.74	20.56	18.41	34.77	-16.36
				1	49	22.77	20.59	18.44	34.77	-16.33
				25	12	21.59	19.41	17.26	34.77	-17.51
				50	0	21.74	19.56	17.41	34.77	-17.36
	23790	710	QPSK	1	0	22.69	20.51	18.36	34.77	-16.41
				1	49	22.80	20.62	18.47	34.77	-16.3
				25	12	21.59	19.41	17.26	34.77	-17.51
				50	0	21.89	19.71	17.56	34.77	-17.21
	23800	711	QPSK	1	0	22.85	20.67	18.52	34.77	-16.25
				1	49	22.81	20.63	18.48	34.77	-16.29
				25	12	21.56	19.38	17.23	34.77	-17.54
				50	0	21.88	19.70	17.55	34.77	-17.22
10	23780	709	16QAM	1	0	22.08	19.90	17.75	34.77	-17.02
				1	49	22.07	19.89	17.74	34.77	-17.03
				25	12	20.70	18.52	16.37	34.77	-18.4
				50	0	20.68	18.50	16.35	34.77	-18.42
	23790	710	16QAM	1	0	22.11	19.93	17.78	34.77	-16.99
				1	49	21.93	19.75	17.60	34.77	-17.17
				25	12	20.79	18.61	16.46	34.77	-18.31
				50	0	20.87	18.69	16.54	34.77	-18.23
	23800	711	16QAM	1	0	22.04	19.86	17.71	34.77	-17.06
				1	49	22.10	19.92	17.77	34.77	-17
				25	12	20.55	18.37	16.22	34.77	-18.55
				50	0	20.85	18.67	16.52	34.77	-18.25
10	23780	709	64QAM	1	0	21.10	18.92	16.77	34.77	-18
				1	49	20.86	18.68	16.53	34.77	-18.24
				25	12	19.81	17.63	15.48	34.77	-19.29
				50	0	19.74	17.56	15.41	34.77	-19.36
	23790	710	64QAM	1	0	20.76	18.58	16.43	34.77	-18.34
				1	49	20.98	18.80	16.65	34.77	-18.12
				25	12	19.58	17.40	15.25	34.77	-19.52
				50	0	19.92	17.74	15.59	34.77	-19.18
	23800	711	64QAM	1	0	20.92	18.74	16.59	34.77	-18.18
				1	49	20.84	18.66	16.51	34.77	-18.26
				25	12	19.59	17.41	15.26	34.77	-19.51
				50	0	19.81	17.63	15.48	34.77	-19.29
10	23780	709	256QAM	1	0	17.51	15.33	13.18	34.77	-21.59
				1	49	17.26	15.08	12.93	34.77	-21.84
				25	12	17.75	15.57	13.42	34.77	-21.35
				50	0	17.65	15.47	13.32	34.77	-21.45
	23790	710	256QAM	1	0	17.88	15.70	13.55	34.77	-21.22
				1	49	17.76	15.58	13.43	34.77	-21.34
				25	12	17.81	15.63	13.48	34.77	-21.29
				50	0	17.79	15.61	13.46	34.77	-21.31
	23800	711	256QAM	1	0	17.76	15.58	13.43	34.77	-21.34
				1	49	17.61	15.43	13.28	34.77	-21.49
				25	12	17.84	15.66	13.51	34.77	-21.26
				50	0	17.80	15.62	13.47	34.77	-21.3

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Antenna gain (dBi)		2.49							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	26047	1850.7	QPSK	1	0	22.62	25.11	33	-7.89
				1	5	22.68	25.17	33	-7.83
				3	2	22.65	25.14	33	-7.86
				6	0	21.56	24.05	33	-8.95
	26365	1882.5	QPSK	1	0	22.69	25.18	33	-7.82
				1	5	22.60	25.09	33	-7.91
				3	2	22.61	25.10	33	-7.9
				6	0	21.63	24.12	33	-8.88
	26683	1914.3	QPSK	1	0	22.77	25.26	33	-7.74
				1	5	22.71	25.20	33	-7.8
				3	2	22.74	25.23	33	-7.77
				6	0	21.64	24.13	33	-8.87
1.4	26047	1850.7	16QAM	1	0	21.81	24.30	33	-8.7
				1	5	21.69	24.18	33	-8.82
				3	2	21.58	24.07	33	-8.93
				6	0	20.66	23.15	33	-9.85
	26365	1882.5	16QAM	1	0	21.76	24.25	33	-8.75
				1	5	21.84	24.33	33	-8.67
				3	2	21.65	24.14	33	-8.86
				6	0	20.53	23.02	33	-9.98
	26683	1914.3	16QAM	1	0	22.01	24.50	33	-8.5
				1	5	21.96	24.45	33	-8.55
				3	2	21.83	24.32	33	-8.68
				6	0	20.80	23.29	33	-9.71
1.4	26047	1850.7	64QAM	1	0	20.81	23.30	33	-9.7
				1	5	20.67	23.16	33	-9.84
				3	2	20.77	23.26	33	-9.74
				6	0	19.65	22.14	33	-10.86
	26365	1882.5	64QAM	1	0	20.68	23.17	33	-9.83
				1	5	20.76	23.25	33	-9.75
				3	2	20.77	23.26	33	-9.74
				6	0	19.62	22.11	33	-10.89
	26683	1914.3	64QAM	1	0	20.93	23.42	33	-9.58
				1	5	20.87	23.36	33	-9.64
				3	2	20.81	23.30	33	-9.7
				6	0	19.72	22.21	33	-10.79
1.4	26047	1850.7	256QAM	1	0	17.60	20.09	33	-12.91
				1	5	17.66	20.15	33	-12.85
				3	2	17.53	20.02	33	-12.98
				6	0	17.56	20.05	33	-12.95
	26365	1882.5	256QAM	1	0	17.70	20.19	33	-12.81
				1	5	17.53	20.02	33	-12.98
				3	2	17.59	20.08	33	-12.92
				6	0	17.64	20.13	33	-12.87
	26683	1914.3	256QAM	1	0	17.54	20.03	33	-12.97
				1	5	17.65	20.14	33	-12.86
				3	2	17.62	20.11	33	-12.89
				6	0	17.62	20.11	33	-12.89

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Antenna gain (dBi)		2.49							
LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	26055	1851.5	QPSK	1	0	22.47	24.96	33	-8.04
				1	14	22.60	25.09	33	-7.91
				8	4	21.66	24.15	33	-8.85
				15	0	21.62	24.11	33	-8.89
	26365	1882.5	QPSK	1	0	22.40	24.89	33	-8.11
				1	14	22.56	25.05	33	-7.95
				8	4	21.64	24.13	33	-8.87
				15	0	21.62	24.11	33	-8.89
	26675	1913.5	QPSK	1	0	22.73	25.22	33	-7.78
				1	14	22.56	25.05	33	-7.95
				8	4	21.76	24.25	33	-8.75
				15	0	21.75	24.24	33	-8.76
3	26055	1851.5	16QAM	1	0	21.86	24.35	33	-8.65
				1	14	21.84	24.33	33	-8.67
				8	4	20.76	23.25	33	-9.75
				15	0	20.67	23.16	33	-9.84
	26365	1882.5	16QAM	1	0	21.85	24.34	33	-8.66
				1	14	21.92	24.41	33	-8.59
				8	4	20.74	23.23	33	-9.77
				15	0	20.66	23.15	33	-9.85
	26675	1913.5	16QAM	1	0	22.08	24.57	33	-8.43
				1	14	21.99	24.48	33	-8.52
				8	4	20.81	23.30	33	-9.7
				15	0	20.74	23.23	33	-9.77
3	26055	1851.5	64QAM	1	0	20.64	23.13	33	-9.87
				1	14	20.64	23.13	33	-9.87
				8	4	19.73	22.22	33	-10.78
				15	0	19.71	22.20	33	-10.8
	26365	1882.5	64QAM	1	0	20.83	23.32	33	-9.68
				1	14	20.59	23.08	33	-9.92
				8	4	19.69	22.18	33	-10.82
				15	0	19.69	22.18	33	-10.82
	26675	1913.5	64QAM	1	0	20.58	23.07	33	-9.93
				1	14	20.81	23.30	33	-9.7
				8	4	19.71	22.20	33	-10.8
				15	0	19.72	22.21	33	-10.79
3	26055	1851.5	256QAM	1	0	17.63	20.12	33	-12.88
				1	14	17.72	20.21	33	-12.79
				8	4	17.70	20.19	33	-12.81
				15	0	17.69	20.18	33	-12.82
	26365	1882.5	256QAM	1	0	17.74	20.23	33	-12.77
				1	14	17.71	20.20	33	-12.8
				8	4	17.66	20.15	33	-12.85
				15	0	17.64	20.13	33	-12.87
	26675	1913.5	256QAM	1	0	17.70	20.19	33	-12.81
				1	14	17.73	20.22	33	-12.78
				8	4	17.68	20.17	33	-12.83
				15	0	17.63	20.12	33	-12.88

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	26065	1852.5	QPSK	1	0	22.69	25.18	33	-7.82
				1	24	22.56	25.05	33	-7.95
				12	6	21.71	24.20	33	-8.8
				25	0	21.71	24.20	33	-8.8
	26365	1882.5	QPSK	1	0	22.63	25.12	33	-7.88
				1	24	22.45	24.94	33	-8.06
				12	6	21.76	24.25	33	-8.75
				25	0	21.66	24.15	33	-8.85
	26665	1912.5	QPSK	1	0	22.57	25.06	33	-7.94
				1	24	22.65	25.14	33	-7.86
				12	6	21.67	24.16	33	-8.84
				25	0	21.72	24.21	33	-8.79
5	26065	1852.5	16QAM	1	0	22.11	24.60	33	-8.4
				1	24	21.85	24.34	33	-8.66
				12	6	20.79	23.28	33	-9.72
				25	0	20.64	23.13	33	-9.87
	26365	1882.5	16QAM	1	0	21.92	24.41	33	-8.59
				1	24	21.96	24.45	33	-8.55
				12	6	20.71	23.20	33	-9.8
				25	0	20.73	23.22	33	-9.78
	26665	1912.5	16QAM	1	0	21.90	24.39	33	-8.61
				1	24	22.07	24.56	33	-8.44
				12	6	20.76	23.25	33	-9.75
				25	0	20.65	23.14	33	-9.86
5	26065	1852.5	64QAM	1	0	20.71	23.20	33	-9.8
				1	24	20.90	23.39	33	-9.61
				12	6	19.76	22.25	33	-10.75
				25	0	19.65	22.14	33	-10.86
	26365	1882.5	64QAM	1	0	20.77	23.26	33	-9.74
				1	24	20.81	23.30	33	-9.7
				12	6	19.71	22.20	33	-10.8
				25	0	19.72	22.21	33	-10.79
	26665	1912.5	64QAM	1	0	20.92	23.41	33	-9.59
				1	24	20.73	23.22	33	-9.78
				12	6	19.65	22.14	33	-10.86
				25	0	19.77	22.26	33	-10.74
5	26065	1852.5	256QAM	1	0	17.74	20.23	33	-12.77
				1	24	17.72	20.21	33	-12.79
				12	6	17.70	20.19	33	-12.81
				25	0	17.69	20.18	33	-12.82
	26365	1882.5	256QAM	1	0	17.70	20.19	33	-12.81
				1	24	17.72	20.21	33	-12.79
				12	6	17.73	20.22	33	-12.78
				25	0	17.65	20.14	33	-12.86
	26665	1912.5	256QAM	1	0	17.70	20.19	33	-12.81
				1	24	17.73	20.22	33	-12.78
				12	6	17.67	20.16	33	-12.84
				25	0	17.62	20.11	33	-12.89

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LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	26090	1855	QPSK	1	0	22.54	25.03	33	-7.97
				1	49	22.55	25.04	33	-7.96
				25	12	21.65	24.14	33	-8.86
				50	0	21.74	24.23	33	-8.77
	26365	1882.5	QPSK	1	0	22.59	25.08	33	-7.92
				1	49	22.61	25.10	33	-7.9
				25	12	21.74	24.23	33	-8.77
				50	0	21.76	24.25	33	-8.75
	26640	1910	QPSK	1	0	22.65	25.14	33	-7.86
				1	49	22.73	25.22	33	-7.78
				25	12	21.63	24.12	33	-8.88
				50	0	21.67	24.16	33	-8.84
10	26090	1855	16QAM	1	0	21.91	24.40	33	-8.6
				1	49	21.98	24.47	33	-8.53
				25	12	20.76	23.25	33	-9.75
				50	0	20.70	23.19	33	-9.81
	26365	1882.5	16QAM	1	0	21.81	24.30	33	-8.7
				1	49	21.84	24.33	33	-8.67
				25	12	20.65	23.14	33	-9.86
				50	0	20.71	23.20	33	-9.8
	26640	1910	16QAM	1	0	21.96	24.45	33	-8.55
				1	49	21.92	24.41	33	-8.59
				25	12	20.51	23.00	33	-10
				50	0	20.68	23.17	33	-9.83
10	26090	1855	64QAM	1	0	20.57	23.06	33	-9.94
				1	49	20.83	23.32	33	-9.68
				25	12	19.76	22.25	33	-10.75
				50	0	19.69	22.18	33	-10.82
	26365	1882.5	64QAM	1	0	20.84	23.33	33	-9.67
				1	49	20.88	23.37	33	-9.63
				25	12	19.66	22.15	33	-10.85
				50	0	19.74	22.23	33	-10.77
	26640	1910	64QAM	1	0	20.86	23.35	33	-9.65
				1	49	20.82	23.31	33	-9.69
				25	12	19.56	22.05	33	-10.95
				50	0	19.60	22.09	33	-10.91
10	26090	1855	256QAM	1	0	17.74	20.23	33	-12.77
				1	49	17.72	20.21	33	-12.79
				25	12	17.70	20.19	33	-12.81
				50	0	17.64	20.13	33	-12.87
	26365	1882.5	256QAM	1	0	17.71	20.20	33	-12.8
				1	49	17.74	20.23	33	-12.77
				25	12	17.72	20.21	33	-12.79
				50	0	17.67	20.16	33	-12.84
	26640	1910	256QAM	1	0	17.68	20.17	33	-12.83
				1	49	17.72	20.21	33	-12.79
				25	12	17.64	20.13	33	-12.87
				50	0	17.56	20.05	33	-12.95

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LTE Band 25_Uplink frequency band : 1850 to 1915 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	26115	1857.5	QPSK	1	0	22.58	25.07	33	-7.93
				1	74	22.73	25.22	33	-7.78
				36	18	21.69	24.18	33	-8.82
				75	0	21.64	24.13	33	-8.87
	26365	1882.5	QPSK	1	0	22.90	25.39	33	-7.61
				1	74	22.57	25.06	33	-7.94
				36	18	21.68	24.17	33	-8.83
				75	0	21.64	24.13	33	-8.87
	26615	1907.5	QPSK	1	0	22.72	25.21	33	-7.79
				1	74	22.75	25.24	33	-7.76
				36	18	21.55	24.04	33	-8.96
				75	0	21.63	24.12	33	-8.88
15	26115	1857.5	16QAM	1	0	21.78	24.27	33	-8.73
				1	74	21.96	24.45	33	-8.55
				36	18	20.82	23.31	33	-9.69
				75	0	20.68	23.17	33	-9.83
	26365	1882.5	16QAM	1	0	21.88	24.37	33	-8.63
				1	74	21.87	24.36	33	-8.64
				36	18	20.74	23.23	33	-9.77
				75	0	20.68	23.17	33	-9.83
	26615	1907.5	16QAM	1	0	22.06	24.55	33	-8.45
				1	74	21.87	24.36	33	-8.64
				36	18	20.65	23.14	33	-9.86
				75	0	20.66	23.15	33	-9.85
15	26115	1857.5	64QAM	1	0	20.82	23.31	33	-9.69
				1	74	20.77	23.26	33	-9.74
				36	18	19.73	22.22	33	-10.78
				75	0	19.64	22.13	33	-10.87
	26365	1882.5	64QAM	1	0	20.80	23.29	33	-9.71
				1	74	20.82	23.31	33	-9.69
				36	18	19.73	22.22	33	-10.78
				75	0	19.56	22.05	33	-10.95
	26615	1907.5	64QAM	1	0	20.86	23.35	33	-9.65
				1	74	20.79	23.28	33	-9.72
				36	18	19.62	22.11	33	-10.89
				75	0	19.66	22.15	33	-10.85
15	26115	1857.5	256QAM	1	0	17.82	20.31	33	-12.69
				1	74	17.72	20.21	33	-12.79
				36	18	17.75	20.24	33	-12.76
				75	0	17.65	20.14	33	-12.86
	26365	1882.5	256QAM	1	0	17.76	20.25	33	-12.75
				1	74	17.70	20.19	33	-12.81
				36	18	17.70	20.19	33	-12.81
				75	0	17.58	20.07	33	-12.93
	26615	1907.5	256QAM	1	0	17.72	20.21	33	-12.79
				1	74	17.71	20.20	33	-12.8
				36	18	17.68	20.17	33	-12.83
				75	0	17.62	20.11	33	-12.89

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	26140	1860	QPSK	1	0	23.02	25.51	33	-7.49
				1	99	22.58	25.07	33	-7.93
				50	25	21.74	24.23	33	-8.77
				100	0	21.71	24.20	33	-8.8
	26365	1882.5	QPSK	1	0	22.50	24.99	33	-8.01
				1	99	22.97	25.46	33	-7.54
				50	25	21.75	24.24	33	-8.76
				100	0	21.69	24.18	33	-8.82
	26590	1905	QPSK	1	0	22.62	25.11	33	-7.89
				1	99	22.74	25.23	33	-7.77
				50	25	21.70	24.19	33	-8.81
				100	0	21.69	24.18	33	-8.82
20	26140	1860	16QAM	1	0	21.75	24.24	33	-8.76
				1	99	21.91	24.40	33	-8.6
				50	25	20.76	23.25	33	-9.75
				100	0	20.70	23.19	33	-9.81
	26365	1882.5	16QAM	1	0	21.95	24.44	33	-8.56
				1	99	21.72	24.21	33	-8.79
				50	25	20.74	23.23	33	-9.77
				100	0	20.60	23.09	33	-9.91
	26590	1905	16QAM	1	0	22.13	24.62	33	-8.38
				1	99	21.95	24.44	33	-8.56
				50	25	20.71	23.20	33	-9.8
				100	0	20.62	23.11	33	-9.89
20	26140	1860	64QAM	1	0	20.53	23.02	33	-9.98
				1	99	20.64	23.13	33	-9.87
				50	25	19.73	22.22	33	-10.78
				100	0	19.68	22.17	33	-10.83
	26365	1882.5	64QAM	1	0	20.91	23.40	33	-9.6
				1	99	20.74	23.23	33	-9.77
				50	25	19.76	22.25	33	-10.75
				100	0	19.69	22.18	33	-10.82
	26590	1905	64QAM	1	0	20.73	23.22	33	-9.78
				1	99	20.85	23.34	33	-9.66
				50	25	19.63	22.12	33	-10.88
				100	0	19.71	22.20	33	-10.8
20	26140	1860	256QAM	1	0	17.77	20.26	33	-12.74
				1	99	17.65	20.14	33	-12.86
				50	25	17.72	20.21	33	-12.79
				100	0	17.64	20.13	33	-12.87
	26365	1882.5	256QAM	1	0	17.72	20.21	33	-12.79
				1	99	17.75	20.24	33	-12.76
				50	25	17.70	20.19	33	-12.81
				100	0	17.62	20.11	33	-12.89
	26590	1905	256QAM	1	0	17.70	20.19	33	-12.81
				1	99	17.73	20.22	33	-12.78
				50	25	17.64	20.13	33	-12.87
				100	0	17.58	20.07	33	-12.93

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Antenna gain (dBi)		0.28								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26797	824.7	QPSK	1	0	22.54	22.82	20.67	38.45	-17.78
				1	5	22.53	22.81	20.66	38.45	-17.79
				3	2	22.49	22.77	20.62	38.45	-17.83
				6	0	21.55	21.83	19.68	38.45	-18.77
	26915	836.5	QPSK	1	0	22.48	22.76	20.61	38.45	-17.84
				1	5	22.50	22.78	20.63	38.45	-17.82
				3	2	22.43	22.71	20.56	38.45	-17.89
				6	0	21.49	21.77	19.62	38.45	-18.83
	27033	848.3	QPSK	1	0	22.45	22.73	20.58	38.45	-17.87
				1	5	22.45	22.73	20.58	38.45	-17.87
				3	2	22.39	22.67	20.52	38.45	-17.93
				6	0	21.45	21.73	19.58	38.45	-18.87
1.4	26797	824.7	16QAM	1	0	21.93	22.21	20.06	38.45	-18.39
				1	5	21.89	22.17	20.02	38.45	-18.43
				3	2	21.63	21.91	19.76	38.45	-18.69
				6	0	20.62	20.90	18.75	38.45	-19.7
	26915	836.5	16QAM	1	0	21.87	22.15	20.00	38.45	-18.45
				1	5	21.52	21.80	19.65	38.45	-18.8
				3	2	21.49	21.77	19.62	38.45	-18.83
				6	0	20.55	20.83	18.68	38.45	-19.77
	27033	848.3	16QAM	1	0	21.60	21.88	19.73	38.45	-18.72
				1	5	21.71	21.99	19.84	38.45	-18.61
				3	2	21.53	21.81	19.66	38.45	-18.79
				6	0	20.53	20.81	18.66	38.45	-19.79
1.4	26797	824.7	64QAM	1	0	20.71	20.99	18.84	38.45	-19.61
				1	5	20.47	20.75	18.60	38.45	-19.85
				3	2	20.61	20.89	18.74	38.45	-19.71
				6	0	19.65	19.93	17.78	38.45	-20.67
	26915	836.5	64QAM	1	0	20.59	20.87	18.72	38.45	-19.73
				1	5	20.51	20.79	18.64	38.45	-19.81
				3	2	20.57	20.85	18.70	38.45	-19.75
				6	0	19.53	19.81	17.66	38.45	-20.79
	27033	848.3	64QAM	1	0	20.74	21.02	18.87	38.45	-19.58
				1	5	20.60	20.88	18.73	38.45	-19.72
				3	2	20.52	20.80	18.65	38.45	-19.8
				6	0	19.51	19.79	17.64	38.45	-20.81
1.4	26797	824.7	256QAM	1	0	17.61	17.89	15.74	38.45	-22.71
				1	5	17.41	17.69	15.54	38.45	-22.91
				3	2	17.54	17.82	15.67	38.45	-22.78
				6	0	17.28	17.56	15.41	38.45	-23.04
	26915	836.5	256QAM	1	0	17.53	17.81	15.66	38.45	-22.79
				1	5	17.55	17.83	15.68	38.45	-22.77
				3	2	17.51	17.79	15.64	38.45	-22.808
				6	0	17.42	17.70	15.55	38.45	-22.9
	27033	848.3	256QAM	1	0	17.55	17.83	15.68	38.45	-22.77
				1	5	17.48	17.76	15.61	38.45	-22.84
				3	2	17.48	17.76	15.61	38.45	-22.84
				6	0	17.40	17.68	15.53	38.45	-22.92

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Antenna gain (dBi)		0.28								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	26805	825.5	QPSK	1	0	22.58	22.86	20.71	38.45	-17.74
				1	14	22.47	22.75	20.60	38.45	-17.85
				8	4	21.63	21.91	19.76	38.45	-18.69
				15	0	21.61	21.89	19.74	38.45	-18.71
	26915	836.5	QPSK	1	0	22.38	22.66	20.51	38.45	-17.94
				1	14	22.34	22.62	20.47	38.45	-17.98
				8	4	21.54	21.82	19.67	38.45	-18.78
				15	0	21.60	21.88	19.73	38.45	-18.72
	27025	847.5	QPSK	1	0	22.28	22.56	20.41	38.45	-18.04
				1	14	22.45	22.73	20.58	38.45	-17.87
				8	4	21.54	21.82	19.67	38.45	-18.78
				15	0	21.48	21.76	19.61	38.45	-18.84
3	26805	825.5	16QAM	1	0	21.81	22.09	19.94	38.45	-18.51
				1	14	21.77	22.05	19.90	38.45	-18.55
				8	4	20.59	20.87	18.72	38.45	-19.73
				15	0	20.67	20.95	18.80	38.45	-19.65
	26915	836.5	16QAM	1	0	21.78	22.06	19.91	38.45	-18.54
				1	14	21.64	21.92	19.77	38.45	-18.68
				8	4	20.62	20.90	18.75	38.45	-19.7
				15	0	20.57	20.85	18.70	38.45	-19.75
	27025	847.5	16QAM	1	0	21.80	22.08	19.93	38.45	-18.52
				1	14	21.79	22.07	19.92	38.45	-18.53
				8	4	20.59	20.87	18.72	38.45	-19.73
				15	0	20.55	20.83	18.68	38.45	-19.77
3	26805	825.5	64QAM	1	0	20.74	21.02	18.87	38.45	-19.58
				1	14	20.65	20.93	18.78	38.45	-19.67
				8	4	19.65	19.93	17.78	38.45	-20.67
				15	0	19.61	19.89	17.74	38.45	-20.71
	26915	836.5	64QAM	1	0	20.73	21.01	18.86	38.45	-19.59
				1	14	20.56	20.84	18.69	38.45	-19.76
				8	4	19.51	19.79	17.64	38.45	-20.81
				15	0	19.52	19.80	17.65	38.45	-20.8
	27025	847.5	64QAM	1	0	20.61	20.89	18.74	38.45	-19.71
				1	14	20.55	20.83	18.68	38.45	-19.77
				8	4	19.57	19.85	17.70	38.45	-20.75
				15	0	19.51	19.79	17.64	38.45	-20.81
3	26805	825.5	256QAM	1	0	17.63	17.91	15.76	38.45	-22.69
				1	14	17.61	17.89	15.74	38.45	-22.71
				8	4	17.61	17.89	15.74	38.45	-22.71
				15	0	17.55	17.83	15.68	38.45	-22.77
	26915	836.5	256QAM	1	0	17.60	17.88	15.73	38.45	-22.72
				1	14	17.50	17.78	15.63	38.45	-22.82
				8	4	17.52	17.80	15.65	38.45	-22.8
				15	0	17.53	17.81	15.66	38.45	-22.79
	27025	847.5	256QAM	1	0	17.48	17.76	15.61	38.45	-22.84
				1	14	17.50	17.78	15.63	38.45	-22.82
				8	4	17.47	17.75	15.60	38.45	-22.85
				15	0	17.52	17.80	15.65	38.45	-22.8

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Antenna gain (dBi)		0.28								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26815	826.5	QPSK	1	0	22.57	22.85	20.70	38.45	-17.75
				1	24	22.48	22.76	20.61	38.45	-17.84
				12	6	21.67	21.95	19.80	38.45	-18.65
				25	0	21.61	21.89	19.74	38.45	-18.71
	26915	836.5	QPSK	1	0	22.49	22.77	20.62	38.45	-17.83
				1	24	22.31	22.59	20.44	38.45	-18.01
				12	6	21.52	21.80	19.65	38.45	-18.8
				25	0	21.53	21.81	19.66	38.45	-18.79
	27015	846.5	QPSK	1	0	22.52	22.80	20.65	38.45	-17.8
				1	24	22.48	22.76	20.61	38.45	-17.84
				12	6	21.53	21.81	19.66	38.45	-18.79
				25	0	21.52	21.80	19.65	38.45	-18.8
5	26815	826.5	16QAM	1	0	21.92	22.20	20.05	38.45	-18.4
				1	24	21.84	22.12	19.97	38.45	-18.48
				12	6	20.63	20.91	18.76	38.45	-19.69
				25	0	20.67	20.95	18.80	38.45	-19.65
	26915	836.5	16QAM	1	0	21.87	22.15	20.00	38.45	-18.45
				1	24	21.79	22.07	19.92	38.45	-18.53
				12	6	20.59	20.87	18.72	38.45	-19.73
				25	0	20.54	20.82	18.67	38.45	-19.78
	27015	846.5	16QAM	1	0	21.87	22.15	20.00	38.45	-18.45
				1	24	21.68	21.96	19.81	38.45	-18.64
				12	6	20.60	20.88	18.73	38.45	-19.72
				25	0	20.56	20.84	18.69	38.45	-19.76
5	26815	826.5	64QAM	1	0	20.70	20.98	18.83	38.45	-19.62
				1	24	20.62	20.90	18.75	38.45	-19.7
				12	6	19.71	19.99	17.84	38.45	-20.61
				25	0	19.67	19.95	17.80	38.45	-20.65
	26915	836.5	64QAM	1	0	20.71	20.99	18.84	38.45	-19.61
				1	24	20.66	20.94	18.79	38.45	-19.66
				12	6	19.56	19.84	17.69	38.45	-20.76
				25	0	19.60	19.88	17.73	38.45	-20.72
	27015	846.5	64QAM	1	0	20.69	20.97	18.82	38.45	-19.63
				1	24	20.65	20.93	18.78	38.45	-19.67
				12	6	19.53	19.81	17.66	38.45	-20.79
				25	0	19.52	19.80	17.65	38.45	-20.8
5	26815	826.5	256QAM	1	0	17.65	17.93	15.78	38.45	-22.67
				1	24	17.58	17.86	15.71	38.45	-22.74
				12	6	17.61	17.89	15.74	38.45	-22.71
				25	0	17.55	17.83	15.68	38.45	-22.77
	26915	836.5	256QAM	1	0	17.59	17.87	15.72	38.45	-22.73
				1	24	17.58	17.86	15.71	38.45	-22.74
				12	6	17.53	17.81	15.66	38.45	-22.79
				25	0	17.55	17.83	15.68	38.45	-22.77
	27015	846.5	256QAM	1	0	17.56	17.84	15.69	38.45	-22.76
				1	24	17.50	17.78	15.63	38.45	-22.82
				12	6	17.52	17.80	15.65	38.45	-22.8
				25	0	17.51	17.79	15.64	38.45	-22.81

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BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26840	829	QPSK	1	0	22.60	22.88	20.73	38.45	-17.72
				1	49	22.46	22.74	20.59	38.45	-17.86
				25	12	21.57	21.85	19.70	38.45	-18.75
				50	0	21.63	21.91	19.76	38.45	-18.69
	26915	836.5	QPSK	1	0	22.66	22.94	20.79	38.45	-17.66
				1	49	22.45	22.73	20.58	38.45	-17.87
				25	12	21.55	21.83	19.68	38.45	-18.77
				50	0	21.58	21.86	19.71	38.45	-18.74
	26990	844	QPSK	1	0	22.56	22.84	20.69	38.45	-17.76
				1	49	22.41	22.69	20.54	38.45	-17.91
				25	12	21.51	21.79	19.64	38.45	-18.81
				50	0	21.60	21.88	19.73	38.45	-18.72
10	26840	829	16QAM	1	0	21.69	21.97	19.82	38.45	-18.63
				1	49	21.83	22.11	19.96	38.45	-18.49
				25	12	20.64	20.92	18.77	38.45	-19.68
				50	0	20.57	20.85	18.70	38.45	-19.75
	26915	836.5	16QAM	1	0	21.90	22.18	20.03	38.45	-18.42
				1	49	21.82	22.10	19.95	38.45	-18.5
				25	12	20.56	20.84	18.69	38.45	-19.76
				50	0	20.56	20.84	18.69	38.45	-19.76
	26990	844	16QAM	1	0	21.83	22.11	19.96	38.45	-18.49
				1	49	21.69	21.97	19.82	38.45	-18.63
				25	12	20.57	20.85	18.70	38.45	-19.75
				50	0	20.58	20.86	18.71	38.45	-19.74
10	26840	829	64QAM	1	0	20.87	21.15	19.00	38.45	-19.45
				1	49	20.48	20.76	18.61	38.45	-19.84
				25	12	19.59	19.87	17.72	38.45	-20.73
				50	0	19.61	19.89	17.74	38.45	-20.71
	26915	836.5	64QAM	1	0	20.76	21.04	18.89	38.45	-19.56
				1	49	20.67	20.95	18.80	38.45	-19.65
				25	12	19.52	19.80	17.65	38.45	-20.8
				50	0	19.61	19.89	17.74	38.45	-20.71
	26990	844	64QAM	1	0	20.68	20.96	18.81	38.45	-19.64
				1	49	20.80	21.08	18.93	38.45	-19.52
				25	12	19.65	19.93	17.78	38.45	-20.67
				50	0	19.63	19.91	17.76	38.45	-20.69
10	26840	829	256QAM	1	0	17.71	17.99	15.84	38.45	-22.61
				1	49	17.49	17.77	15.62	38.45	-22.83
				25	12	17.67	17.95	15.80	38.45	-22.65
				50	0	17.56	17.84	15.69	38.45	-22.76
	26915	836.5	256QAM	1	0	17.68	17.96	15.81	38.45	-22.64
				1	49	17.48	17.76	15.61	38.45	-22.84
				25	12	17.52	17.80	15.65	38.45	-22.8
				50	0	17.57	17.85	15.70	38.45	-22.75
	26990	844	256QAM	1	0	17.64	17.92	15.77	38.45	-22.68
				1	49	17.49	17.77	15.62	38.45	-22.83
				25	12	17.57	17.85	15.70	38.45	-22.75
				50	0	17.58	17.86	15.71	38.45	-22.74

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Antenna gain (dBi)		0.28								
LTE Band 26_Uplink frequency band : 824 to 849 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
15	26865	831.5	QPSK	1	0	22.49	22.77	20.62	38.45	-17.83
				1	74	22.37	22.65	20.50	38.45	-17.95
				36	18	21.51	21.79	19.64	38.45	-18.81
				75	0	21.53	21.81	19.66	38.45	-18.79
	26915	836.5	QPSK	1	0	22.47	22.75	20.60	38.45	-17.85
				1	74	22.48	22.76	20.61	38.45	-17.84
				36	18	21.54	21.82	19.67	38.45	-18.78
				75	0	21.49	21.77	19.62	38.45	-18.83
	26965	841.5	QPSK	1	0	22.81	23.09	20.94	38.45	-17.51
				1	74	22.25	22.53	20.38	38.45	-18.07
				36	18	21.50	21.78	19.63	38.45	-18.82
				75	0	21.50	21.78	19.63	38.45	-18.82
15	26865	831.5	16QAM	1	0	21.63	21.91	19.76	38.45	-18.69
				1	74	21.68	21.96	19.81	38.45	-18.64
				36	18	20.54	20.82	18.67	38.45	-19.78
				75	0	20.56	20.84	18.69	38.45	-19.76
	26915	836.5	16QAM	1	0	21.81	22.09	19.94	38.45	-18.51
				1	74	21.57	21.85	19.70	38.45	-18.75
				36	18	20.53	20.81	18.66	38.45	-19.79
				75	0	20.44	20.72	18.57	38.45	-19.88
	26965	841.5	16QAM	1	0	21.71	21.99	19.84	38.45	-18.61
				1	74	21.60	21.88	19.73	38.45	-18.72
				36	18	20.51	20.79	18.64	38.45	-19.81
				75	0	20.56	20.84	18.69	38.45	-19.76
15	26865	831.5	64QAM	1	0	20.63	20.91	18.76	38.45	-19.69
				1	74	20.57	20.85	18.70	38.45	-19.75
				36	18	19.51	19.79	17.64	38.45	-20.81
				75	0	19.56	19.84	17.69	38.45	-20.76
	26915	836.5	64QAM	1	0	20.81	21.09	18.94	38.45	-19.51
				1	74	20.53	20.81	18.66	38.45	-19.79
				36	18	19.58	19.86	17.71	38.45	-20.74
				75	0	19.49	19.77	17.62	38.45	-20.83
	26965	841.5	64QAM	1	0	20.44	20.72	18.57	38.45	-19.88
				1	74	20.50	20.78	18.63	38.45	-19.82
				36	18	19.60	19.88	17.73	38.45	-20.72
				75	0	19.49	19.77	17.62	38.45	-20.83
15	26865	831.5	256QAM	1	0	17.71	17.99	15.84	38.45	-22.61
				1	74	17.52	17.80	15.65	38.45	-22.8
				36	18	17.52	17.80	15.65	38.45	-22.8
				75	0	17.52	17.80	15.65	38.45	-22.8
	26915	836.5	256QAM	1	0	17.69	17.97	15.82	38.45	-22.63
				1	74	17.56	17.84	15.69	38.45	-22.76
				36	18	17.49	17.77	15.62	38.45	-22.83
				75	0	17.52	17.80	15.65	38.45	-22.8
	26965	841.5	256QAM	1	0	17.61	17.89	15.74	38.45	-22.71
				1	74	17.58	17.86	15.71	38.45	-22.74
				36	18	17.47	17.75	15.60	38.45	-22.85
				75	0	17.51	17.79	15.64	38.45	-22.81

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Antenna gain (dBi)		-2.18								
Part 90S_LTE Band 26 Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	26697	814.7	QPSK	1	0	22.66	20.48	18.33	50	-31.67
				1	5	22.64	20.46	18.31	50	-31.69
				3	2	22.58	20.40	18.25	50	-31.75
				6	0	21.56	19.38	17.23	50	-32.77
	26740	819	QPSK	1	0	22.62	20.44	18.29	50	-31.71
				1	5	22.57	20.39	18.24	50	-31.76
				3	2	22.49	20.31	18.16	50	-31.84
				6	0	21.52	19.34	17.19	50	-32.81
	26783	823.3	QPSK	1	0	22.42	20.24	18.09	50	-31.91
				1	5	22.48	20.30	18.15	50	-31.85
				3	2	22.53	20.35	18.20	50	-31.8
				6	0	21.56	19.38	17.23	50	-32.77
1.4	26697	814.7	16QAM	1	0	22.00	19.82	17.67	50	-32.33
				1	5	21.85	19.67	17.52	50	-32.48
				3	2	21.72	19.54	17.39	50	-32.61
				6	0	20.77	18.59	16.44	50	-33.56
	26740	819	16QAM	1	0	21.95	19.77	17.62	50	-32.38
				1	5	21.90	19.72	17.57	50	-32.43
				3	2	21.66	19.48	17.33	50	-32.67
				6	0	20.69	18.51	16.36	50	-33.64
	26783	823.3	16QAM	1	0	21.65	19.47	17.32	50	-32.68
				1	5	21.97	19.79	17.64	50	-32.36
				3	2	21.65	19.47	17.32	50	-32.68
				6	0	20.63	18.45	16.30	50	-33.7
1.4	26697	814.7	64QAM	1	0	20.80	18.62	16.47	50	-33.53
				1	5	20.74	18.56	16.41	50	-33.59
				3	2	20.68	18.50	16.35	50	-33.65
				6	0	19.68	17.50	15.35	50	-34.65
	26740	819	64QAM	1	0	20.65	18.47	16.32	50	-33.68
				1	5	20.64	18.46	16.31	50	-33.69
				3	2	20.79	18.61	16.46	50	-33.54
				6	0	19.63	17.45	15.30	50	-34.7
	26783	823.3	64QAM	1	0	20.73	18.55	16.40	50	-33.6
				1	5	20.57	18.39	16.24	50	-33.76
				3	2	20.59	18.41	16.26	50	-33.74
				6	0	19.54	17.36	15.21	50	-34.79
1.4	26697	814.7	256QAM	1	0	17.72	15.54	13.39	50	-36.61
				1	5	17.35	15.17	13.02	50	-36.98
				3	2	17.41	15.23	13.08	50	-36.92
				6	0	17.61	15.43	13.28	50	-36.72
	26740	819	256QAM	1	0	17.41	15.23	13.08	50	-36.92
				1	5	17.44	15.26	13.11	50	-36.89
				3	2	17.32	15.14	12.99	50	-37.01
				6	0	17.45	15.27	13.12	50	-36.88
	26783	823.3	256QAM	1	0	17.48	15.30	13.15	50	-36.85
				1	5	17.50	15.32	13.17	50	-36.83
				3	2	17.56	15.38	13.23	50	-36.77
				6	0	17.29	15.11	12.96	50	-37.04

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Antenna gain (dBi)		-2.18								
Part 90S_LTE Band 26 Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	26705	815.5	QPSK	1	0	22.60	20.42	18.27	50	-31.73
				1	14	22.49	20.31	18.16	50	-31.84
				8	4	21.62	19.44	17.29	50	-32.71
				15	0	21.67	19.49	17.34	50	-32.66
	26740	819	QPSK	1	0	22.54	20.36	18.21	50	-31.79
				1	14	22.51	20.33	18.18	50	-31.82
				8	4	21.62	19.44	17.29	50	-32.71
				15	0	21.63	19.45	17.30	50	-32.7
	26775	822.5	QPSK	1	0	22.56	20.38	18.23	50	-31.77
				1	14	22.48	20.30	18.15	50	-31.85
				8	4	21.60	19.42	17.27	50	-32.73
				15	0	21.66	19.48	17.33	50	-32.67
3	26705	815.5	16QAM	1	0	21.94	19.76	17.61	50	-32.39
				1	14	21.92	19.74	17.59	50	-32.41
				8	4	20.67	18.49	16.34	50	-33.66
				15	0	20.60	18.42	16.27	50	-33.73
	26740	819	16QAM	1	0	21.92	19.74	17.59	50	-32.41
				1	14	21.81	19.63	17.48	50	-32.52
				8	4	20.68	18.50	16.35	50	-33.65
				15	0	20.67	18.49	16.34	50	-33.66
	26775	822.5	16QAM	1	0	21.85	19.67	17.52	50	-32.48
				1	14	21.81	19.63	17.48	50	-32.52
				8	4	20.59	18.41	16.26	50	-33.74
				15	0	20.67	18.49	16.34	50	-33.66
3	26705	815.5	64QAM	1	0	20.74	18.56	16.41	50	-33.59
				1	14	20.54	18.36	16.21	50	-33.79
				8	4	19.76	17.58	15.43	50	-34.57
				15	0	19.70	17.52	15.37	50	-34.63
	26740	819	64QAM	1	0	20.98	18.80	16.65	50	-33.35
				1	14	20.70	18.52	16.37	50	-33.63
				8	4	19.71	17.53	15.38	50	-34.62
				15	0	19.65	17.47	15.32	50	-34.68
	26775	822.5	64QAM	1	0	20.74	18.56	16.41	50	-33.59
				1	14	20.81	18.63	16.48	50	-33.52
				8	4	19.69	17.51	15.36	50	-34.64
				15	0	19.61	17.43	15.28	50	-34.72
3	26705	815.5	256QAM	1	0	17.68	15.50	13.35	50	-36.65
				1	14	17.63	15.45	13.30	50	-36.7
				8	4	17.57	15.39	13.24	50	-36.76
				15	0	17.57	15.39	13.24	50	-36.76
	26740	819	256QAM	1	0	17.75	15.57	13.42	50	-36.58
				1	14	17.68	15.50	13.35	50	-36.65
				8	4	17.64	15.46	13.31	50	-36.69
				15	0	17.62	15.44	13.29	50	-36.71
	26775	822.5	256QAM	1	0	17.70	15.52	13.37	50	-36.63
				1	14	17.61	15.43	13.28	50	-36.72
				8	4	17.55	15.37	13.22	50	-36.78
				15	0	17.53	15.35	13.20	50	-36.8

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Antenna gain (dBi)		-2.18								
Part 90S_LTE Band 26 Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
5	26715	816.5	QPSK	1	0	22.65	20.47	18.32	50	-31.68
				1	24	22.45	20.27	18.12	50	-31.88
				12	6	21.70	19.52	17.37	50	-32.63
				25	0	21.59	19.41	17.26	50	-32.74
	26740	819	QPSK	1	0	22.53	20.35	18.20	50	-31.8
				1	24	22.50	20.32	18.17	50	-31.83
				12	6	21.59	19.41	17.26	50	-32.74
				25	0	21.73	19.55	17.40	50	-32.6
	26765	821.5	QPSK	1	0	22.51	20.33	18.18	50	-31.82
				1	24	22.52	20.34	18.19	50	-31.81
				12	6	21.67	19.49	17.34	50	-32.66
				25	0	21.59	19.41	17.26	50	-32.74
5	26715	816.5	16QAM	1	0	21.80	19.62	17.47	50	-32.53
				1	24	21.74	19.56	17.41	50	-32.59
				12	6	20.70	18.52	16.37	50	-33.63
				25	0	20.65	18.47	16.32	50	-33.68
	26740	819	16QAM	1	0	22.00	19.82	17.67	50	-32.33
				1	24	21.91	19.73	17.58	50	-32.42
				12	6	20.67	18.49	16.34	50	-33.66
				25	0	20.68	18.50	16.35	50	-33.65
	26765	821.5	16QAM	1	0	21.93	19.75	17.60	50	-32.4
				1	24	21.86	19.68	17.53	50	-32.47
				12	6	20.68	18.50	16.35	50	-33.65
				25	0	20.68	18.50	16.35	50	-33.65
5	26715	816.5	64QAM	1	0	20.88	18.70	16.55	50	-33.45
				1	24	20.50	18.32	16.17	50	-33.83
				12	6	19.70	17.52	15.37	50	-34.63
				25	0	19.60	17.42	15.27	50	-34.73
	26740	819	64QAM	1	0	20.73	18.55	16.40	50	-33.6
				1	24	20.67	18.49	16.34	50	-33.66
				12	6	19.62	17.44	15.29	50	-34.71
				25	0	19.63	17.45	15.30	50	-34.7
	26765	821.5	64QAM	1	0	20.84	18.66	16.51	50	-33.49
				1	24	20.79	18.61	16.46	50	-33.54
				12	6	19.70	17.52	15.37	50	-34.63
				25	0	19.62	17.44	15.29	50	-34.71
5	26715	816.5	256QAM	1	0	17.69	15.51	13.36	50	-36.64
				1	24	17.65	15.47	13.32	50	-36.68
				12	6	17.61	15.43	13.28	50	-36.72
				25	0	17.66	15.48	13.33	50	-36.67
	26740	819	256QAM	1	0	17.70	15.52	13.37	50	-36.63
				1	24	17.63	15.45	13.30	50	-36.7
				12	6	17.68	15.50	13.35	50	-36.65
				25	0	17.59	15.41	13.26	50	-36.74
	26765	821.5	256QAM	1	0	17.65	15.47	13.32	50	-36.68
				1	24	17.69	15.51	13.36	50	-36.64
				12	6	17.61	15.43	13.28	50	-36.72
				25	0	17.57	15.39	13.24	50	-36.76

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Antenna gain (dBi)		-2.18								
Part 90S_LTE Band 26_Uplink frequency band : 814 to 824 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
10	26740	819	QPSK	1	0	22.58	20.40	18.25	50	-31.75
				1	49	22.50	20.32	18.17	50	-31.83
				25	12	21.67	19.49	17.34	50	-32.66
				50	0	21.70	19.52	17.37	50	-32.63
10	26740	819	16QAM	1	0	21.77	19.59	17.44	50	-32.56
				1	49	21.75	19.57	17.42	50	-32.58
				25	12	20.60	18.42	16.27	50	-33.73
				50	0	20.67	18.49	16.34	50	-33.66
10	26740	819	64QAM	1	0	20.82	18.64	16.49	50	-33.51
				1	49	20.74	18.56	16.41	50	-33.59
				25	12	19.67	17.49	15.34	50	-34.66
				50	0	19.71	17.53	15.38	50	-34.62
10	26740	819	256QAM	1	0	17.78	15.60	13.45	50	-36.55
				1	49	17.54	15.36	13.21	50	-36.79
				25	12	17.63	15.45	13.30	50	-36.7
				50	0	17.58	15.40	13.25	50	-36.75

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Antenna gain (dBi)		0.99							
LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm/5MHz)	EIRP Average (dBm/5MHz)	EIRP Limit (dBm/5MHz)	Margin (dB)
5	27685	2307.5	QPSK	1	0	21.68	22.67	24	-1.33
				1	24	21.55	22.54	24	-1.46
				12	6	20.77	21.76	24	-2.24
				25	0	20.71	21.70	24	-2.3
	27710	2310	QPSK	1	0	21.60	22.59	24	-1.41
				1	24	21.62	22.61	24	-1.39
				12	6	20.61	21.60	24	-2.4
				25	0	20.67	21.66	24	-2.34
	27735	2312.5	QPSK	1	0	21.64	22.63	24	-1.37
				1	24	21.65	22.64	24	-1.36
				12	6	20.78	21.77	24	-2.23
				25	0	20.70	21.69	24	-2.31
5	27685	2307.5	16QAM	1	0	20.94	21.93	24	-2.07
				1	24	20.96	21.95	24	-2.05
				12	6	19.72	20.71	24	-3.29
				25	0	19.73	20.72	24	-3.28
	27710	2310	16QAM	1	0	21.07	22.06	24	-1.94
				1	24	20.94	21.93	24	-2.07
				12	6	19.70	20.69	24	-3.31
				25	0	19.64	20.63	24	-3.37
	27735	2312.5	16QAM	1	0	20.99	21.98	24	-2.02
				1	24	20.70	21.69	24	-2.31
				12	6	19.69	20.68	24	-3.32
				25	0	19.71	20.70	24	-3.3
5	27685	2307.5	64QAM	1	0	19.79	20.78	24	-3.22
				1	24	19.84	20.83	24	-3.17
				12	6	18.76	19.75	24	-4.25
				25	0	18.70	19.69	24	-4.31
	27710	2310	64QAM	1	0	19.88	20.87	24	-3.13
				1	24	19.76	20.75	24	-3.25
				12	6	18.64	19.63	24	-4.37
				25	0	18.62	19.61	24	-4.39
	27735	2312.5	64QAM	1	0	19.99	20.98	24	-3.02
				1	24	19.78	20.77	24	-3.23
				12	6	18.68	19.67	24	-4.33
				25	0	18.78	19.77	24	-4.23
5	27685	2307.5	256QAM	1	0	16.76	17.75	24	-6.25
				1	24	16.73	17.72	24	-6.28
				12	6	16.77	17.76	24	-6.24
				25	0	16.72	17.71	24	-6.29
	27710	2310	256QAM	1	0	16.85	17.84	24	-6.16
				1	24	16.74	17.73	24	-6.27
				12	6	16.78	17.77	24	-6.23
				25	0	16.67	17.66	24	-6.34
	27735	2312.5	256QAM	1	0	16.84	17.83	24	-6.17
				1	24	16.73	17.72	24	-6.28
				12	6	16.73	17.72	24	-6.28
				25	0	16.75	17.74	24	-6.26

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Antenna gain (dBi)		0.99							
LTE Band 30_Uplink frequency band : 2305 to 2315 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm/5MHz)	EIRP Average (dBm/5MHz)	EIRP Limit (dBm/5MHz)	Margin (dB)
10	27710	2310	QPSK	1	0	21.69	22.68	24.00	-1.32
				1	49	21.57	22.56	24.00	-1.44
				25	12	20.61	21.60	24.00	-2.4
				50	0	20.72	21.71	24.00	-2.29
10	27710	2310	16QAM	1	0	20.89	21.88	24.00	-2.12
				1	49	20.79	21.78	24.00	-2.22
				25	12	19.55	20.54	24.00	-3.46
				50	0	19.73	20.72	24.00	-3.28
10	27710	2310	64QAM	1	0	19.92	20.91	24.00	-3.09
				1	49	19.74	20.73	24.00	-3.27
				25	12	18.74	19.73	24.00	-4.27
				50	0	18.68	19.67	24.00	-4.33
10	27710	2310	256QAM	1	0	16.76	17.75	24.00	-6.25
				1	49	16.64	17.63	24.00	-6.37
				25	12	16.72	17.71	24.00	-6.29
				50	0	16.75	17.74	24.00	-6.26

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Antenna gain (dBi)		0.99							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	37775	2572.5	QPSK	1	0	22.50	23.49	33	-9.51
				1	24	22.58	23.57	33	-9.43
				12	6	21.61	22.60	33	-10.4
				25	0	21.59	22.58	33	-10.42
	38000	2595	QPSK	1	0	22.62	23.61	33	-9.39
				1	24	22.61	23.60	33	-9.4
				12	6	21.57	22.56	33	-10.44
				25	0	21.60	22.59	33	-10.41
	38225	2617.5	QPSK	1	0	22.49	23.48	33	-9.52
				1	24	22.51	23.50	33	-9.5
				12	6	21.56	22.55	33	-10.45
				25	0	21.57	22.56	33	-10.44
5	37775	2572.5	16QAM	1	0	21.90	22.89	33	-10.11
				1	24	21.73	22.72	33	-10.28
				12	6	20.64	21.63	33	-11.37
				25	0	20.59	21.58	33	-11.42
	38000	2595	16QAM	1	0	21.87	22.86	33	-10.14
				1	24	21.80	22.79	33	-10.21
				12	6	20.63	21.62	33	-11.38
				25	0	20.58	21.57	33	-11.43
	38225	2617.5	16QAM	1	0	21.75	22.74	33	-10.26
				1	24	21.80	22.79	33	-10.21
				12	6	20.64	21.63	33	-11.37
				25	0	20.59	21.58	33	-11.42
5	37775	2572.5	64QAM	1	0	20.63	21.62	33	-11.38
				1	24	20.68	21.67	33	-11.33
				12	6	19.62	20.61	33	-12.39
				25	0	19.63	20.62	33	-12.38
	38000	2595	64QAM	1	0	20.76	21.75	33	-11.25
				1	24	20.68	21.67	33	-11.33
				12	6	19.62	20.61	33	-12.39
				25	0	19.58	20.57	33	-12.43
	38225	2617.5	64QAM	1	0	20.69	21.68	33	-11.32
				1	24	20.65	21.64	33	-11.36
				12	6	19.61	20.60	33	-12.4
				25	0	19.64	20.63	33	-12.37
5	37775	2572.5	256QAM	1	0	17.69	18.68	33	-14.32
				1	24	17.65	18.64	33	-14.36
				12	6	17.61	18.60	33	-14.4
				25	0	17.65	18.64	33	-14.36
	38000	2595	256QAM	1	0	17.81	18.80	33	-14.2
				1	24	17.83	18.82	33	-14.18
				12	6	17.71	18.70	33	-14.3
				25	0	17.68	18.67	33	-14.33
	38225	2617.5	256QAM	1	0	17.89	18.88	33	-14.12
				1	24	17.83	18.82	33	-14.18
				12	6	17.78	18.77	33	-14.23
				25	0	17.76	18.75	33	-14.25

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Antenna gain (dBi)		0.99							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	37800	2575	QPSK	1	0	22.52	23.51	33	-9.49
				1	49	22.54	23.53	33	-9.47
				25	12	21.59	22.58	33	-10.42
				50	0	21.65	22.64	33	-10.36
	38000	2595	QPSK	1	0	22.68	23.67	33	-9.33
				1	49	22.66	23.65	33	-9.35
				25	12	21.57	22.56	33	-10.44
				50	0	21.57	22.56	33	-10.44
	38200	2615	QPSK	1	0	22.53	23.52	33	-9.48
				1	49	22.45	23.44	33	-9.56
				25	12	21.53	22.52	33	-10.48
				50	0	21.49	22.48	33	-10.52
10	37800	2575	16QAM	1	0	21.94	22.93	33	-10.07
				1	49	21.83	22.82	33	-10.18
				25	12	20.67	21.66	33	-11.34
				50	0	20.67	21.66	33	-11.34
	38000	2595	16QAM	1	0	21.88	22.87	33	-10.13
				1	49	21.80	22.79	33	-10.21
				25	12	20.65	21.64	33	-11.36
				50	0	20.60	21.59	33	-11.41
	38200	2615	16QAM	1	0	21.85	22.84	33	-10.16
				1	49	21.76	22.75	33	-10.25
				25	12	20.52	21.51	33	-11.49
				50	0	20.57	21.56	33	-11.44
10	37800	2575	64QAM	1	0	20.71	21.70	33	-11.3
				1	49	20.71	21.70	33	-11.3
				25	12	19.65	20.64	33	-12.36
				50	0	19.62	20.61	33	-12.39
	38000	2595	64QAM	1	0	20.76	21.75	33	-11.25
				1	49	20.68	21.67	33	-11.33
				25	12	19.61	20.60	33	-12.4
				50	0	19.59	20.58	33	-12.42
	38200	2615	64QAM	1	0	20.64	21.63	33	-11.37
				1	49	20.70	21.69	33	-11.31
				25	12	19.58	20.57	33	-12.43
				50	0	19.52	20.51	33	-12.49
10	37800	2575	256QAM	1	0	17.56	18.55	33	-14.45
				1	49	17.61	18.60	33	-14.4
				25	12	17.74	18.73	33	-14.27
				50	0	17.66	18.65	33	-14.35
	38000	2595	256QAM	1	0	17.88	18.87	33	-14.13
				1	49	17.78	18.77	33	-14.23
				25	12	17.69	18.68	33	-14.32
				50	0	17.66	18.65	33	-14.35
	38200	2615	256QAM	1	0	17.81	18.80	33	-14.2
				1	49	17.86	18.85	33	-14.15
				25	12	17.75	18.74	33	-14.26
				50	0	17.69	18.68	33	-14.32

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LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	37825	2577.5	QPSK	1	0	22.66	23.65	33	-9.35
				1	74	22.73	23.72	33	-9.28
				36	19	21.61	22.60	33	-10.4
				75	0	21.61	22.60	33	-10.4
	38000	2595	QPSK	1	0	22.76	23.75	33	-9.25
				1	74	22.69	23.68	33	-9.32
				36	19	21.58	22.57	33	-10.43
				75	0	21.55	22.54	33	-10.46
	38175	2612.5	QPSK	1	0	22.65	23.64	33	-9.36
				1	74	22.52	23.51	33	-9.49
				36	19	21.54	22.53	33	-10.47
				75	0	21.45	22.44	33	-10.56
15	37825	2577.5	16QAM	1	0	21.88	22.87	33	-10.13
				1	74	21.83	22.82	33	-10.18
				36	19	20.58	21.57	33	-11.43
				75	0	20.61	21.60	33	-11.4
	38000	2595	16QAM	1	0	21.92	22.91	33	-10.09
				1	74	21.73	22.72	33	-10.28
				36	19	20.58	21.57	33	-11.43
				75	0	20.52	21.51	33	-11.49
	38175	2612.5	16QAM	1	0	21.84	22.83	33	-10.17
				1	74	21.64	22.63	33	-10.37
				36	19	20.60	21.59	33	-11.41
				75	0	20.51	21.50	33	-11.5
15	37825	2577.5	64QAM	1	0	20.91	21.90	33	-11.1
				1	74	20.88	21.87	33	-11.13
				36	19	19.59	20.58	33	-12.42
				75	0	19.58	20.57	33	-12.43
	38000	2595	64QAM	1	0	20.79	21.78	33	-11.22
				1	74	20.57	21.56	33	-11.44
				36	19	19.51	20.50	33	-12.5
				75	0	19.57	20.56	33	-12.44
	38175	2612.5	64QAM	1	0	20.72	21.71	33	-11.29
				1	74	20.72	21.71	33	-11.29
				36	19	19.51	20.50	33	-12.5
				75	0	19.49	20.48	33	-12.52
15	37825	2577.5	256QAM	1	0	17.78	18.77	33	-14.23
				1	74	17.76	18.75	33	-14.25
				36	19	17.63	18.62	33	-14.38
				75	0	17.60	18.59	33	-14.41
	38000	2595	256QAM	1	0	17.87	18.86	33	-14.14
				1	74	17.86	18.85	33	-14.15
				36	19	17.66	18.65	33	-14.35
				75	0	17.65	18.64	33	-14.36
	38175	2612.5	256QAM	1	0	17.90	18.89	33	-14.11
				1	74	17.79	18.78	33	-14.22
				36	19	17.70	18.69	33	-14.31
				75	0	17.66	18.65	33	-14.35

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Antenna gain (dBi)		0.99							
LTE Band 38_Uplink frequency band : 2570 to 2620 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	37850	2580	QPSK	1	0	22.77	23.76	33	-9.24
				1	99	22.69	23.68	33	-9.32
				50	25	21.62	22.61	33	-10.39
				100	0	21.61	22.60	33	-10.4
	38000	2595	QPSK	1	0	22.84	23.83	33	-9.17
				1	99	22.71	23.70	33	-9.3
				50	25	21.59	22.58	33	-10.42
				100	0	21.52	22.51	33	-10.49
	38150	2610	QPSK	1	0	22.78	23.77	33	-9.23
				1	99	22.64	23.63	33	-9.37
				50	25	21.55	22.54	33	-10.46
				100	0	21.48	22.47	33	-10.53
20	37850	2580	16QAM	1	0	21.90	22.89	33	-10.11
				1	99	21.80	22.79	33	-10.21
				50	25	20.68	21.67	33	-11.33
				100	0	20.60	21.59	33	-11.41
	38000	2595	16QAM	1	0	21.97	22.96	33	-10.04
				1	99	21.80	22.79	33	-10.21
				50	25	20.58	21.57	33	-11.43
				100	0	20.56	21.55	33	-11.45
	38150	2610	16QAM	1	0	21.85	22.84	33	-10.16
				1	99	21.64	22.63	33	-10.37
				50	25	20.57	21.56	33	-11.44
				100	0	20.46	21.45	33	-11.55
20	37850	2580	64QAM	1	0	20.79	21.78	33	-11.22
				1	99	20.85	21.84	33	-11.16
				50	25	19.62	20.61	33	-12.39
				100	0	19.58	20.57	33	-12.43
	38000	2595	64QAM	1	0	20.86	21.85	33	-11.15
				1	99	20.71	21.70	33	-11.3
				50	25	19.58	20.57	33	-12.43
				100	0	19.47	20.46	33	-12.54
	38150	2610	64QAM	1	0	20.75	21.74	33	-11.26
				1	99	20.67	21.66	33	-11.34
				50	25	19.52	20.51	33	-12.49
				100	0	19.38	20.37	33	-12.63
20	37850	2580	256QAM	1	0	17.80	18.79	33	-14.21
				1	99	17.67	18.66	33	-14.34
				50	25	17.60	18.59	33	-14.41
				100	0	17.64	18.63	33	-14.37
	38000	2595	256QAM	1	0	17.83	18.82	33	-14.18
				1	99	17.74	18.73	33	-14.27
				50	25	17.70	18.69	33	-14.31
				100	0	17.61	18.60	33	-14.4
	38150	2610	256QAM	1	0	17.90	18.89	33	-14.11
				1	99	17.70	18.69	33	-14.31
				50	25	17.65	18.64	33	-14.36
				100	0	17.60	18.59	33	-14.41

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Antenna gain (dBi)		0.99							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz LTE Band 41_RS199_Uplink frequency band : 2500 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	39675	2498.5	QPSK	1	0	25.68	26.67	33	-6.33
				1	24	25.66	26.65	33	-6.35
				12	6	24.62	25.61	33	-7.39
				25	0	24.62	25.61	33	-7.39
	40620	2593	QPSK	1	0	25.54	26.53	33	-6.47
				1	24	25.57	26.56	33	-6.44
				12	6	24.61	25.60	33	-7.4
				25	0	24.60	25.59	33	-7.41
	41565	2687.5	QPSK	1	0	25.62	26.61	33	-6.39
				1	24	25.59	26.58	33	-6.42
				12	6	24.60	25.59	33	-7.41
				25	0	24.59	25.58	33	-7.42
5	39675	2498.5	16QAM	1	0	24.93	25.92	33	-7.08
				1	24	24.86	25.85	33	-7.15
				12	6	23.72	24.71	33	-8.29
				25	0	23.65	24.64	33	-8.36
	40620	2593	16QAM	1	0	24.86	25.85	33	-7.15
				1	24	24.82	25.81	33	-7.19
				12	6	23.64	24.63	33	-8.37
				25	0	23.61	24.60	33	-8.4
	41565	2687.5	16QAM	1	0	24.87	25.86	33	-7.14
				1	24	24.91	25.90	33	-7.1
				12	6	23.69	24.68	33	-8.32
				25	0	23.60	24.59	33	-8.41
5	39675	2498.5	64QAM	1	0	23.80	24.79	33	-8.21
				1	24	23.81	24.80	33	-8.2
				12	6	22.69	23.68	33	-9.32
				25	0	22.71	23.70	33	-9.3
	40620	2593	64QAM	1	0	23.81	24.80	33	-8.2
				1	24	23.82	24.81	33	-8.19
				12	6	22.64	23.63	33	-9.37
				25	0	22.64	23.63	33	-9.37
	41565	2687.5	64QAM	1	0	23.75	24.74	33	-8.26
				1	24	23.72	24.71	33	-8.29
				12	6	22.62	23.61	33	-9.39
				25	0	22.63	23.62	33	-9.38
5	39675	2498.5	256QAM	1	0	20.70	21.69	33	-11.31
				1	24	20.65	21.64	33	-11.36
				12	6	20.63	21.62	33	-11.38
				25	0	20.62	21.61	33	-11.39
	40620	2593	256QAM	1	0	20.70	21.69	33	-11.31
				1	24	20.78	21.77	33	-11.23
				12	6	20.73	21.72	33	-11.28
				25	0	20.74	21.73	33	-11.27
	41565	2687.5	256QAM	1	0	20.84	21.83	33	-11.17
				1	24	20.83	21.82	33	-11.18
				12	6	20.83	21.82	33	-11.18
				25	0	20.78	21.77	33	-11.23

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Antenna gain (dBi)		0.99							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz LTE Band 41_RS199_Uplink frequency band : 2500 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	39700	2501	QPSK	1	0	25.68	26.67	33	-6.33
				1	49	25.63	26.62	33	-6.38
				25	12	24.68	25.67	33	-7.33
				50	0	24.71	25.70	33	-7.3
	40620	2593	QPSK	1	0	25.66	26.65	33	-6.35
				1	49	25.54	26.53	33	-6.47
				25	12	24.63	25.62	33	-7.38
				50	0	24.61	25.60	33	-7.4
	41540	2685	QPSK	1	0	25.65	26.64	33	-6.36
				1	49	25.58	26.57	33	-6.43
				25	12	24.67	25.66	33	-7.34
				50	0	24.60	25.59	33	-7.41
10	39700	2501	16QAM	1	0	24.85	25.84	33	-7.16
				1	49	25.00	25.99	33	-7.01
				25	12	23.71	24.70	33	-8.3
				50	0	23.73	24.72	33	-8.28
	40620	2593	16QAM	1	0	24.96	25.95	33	-7.05
				1	49	24.90	25.89	33	-7.11
				25	12	23.64	24.63	33	-8.37
				50	0	23.66	24.65	33	-8.35
	41540	2685	16QAM	1	0	25.04	26.03	33	-6.97
				1	49	24.86	25.85	33	-7.15
				25	12	23.66	24.65	33	-8.35
				50	0	23.65	24.64	33	-8.36
10	39700	2501	64QAM	1	0	23.82	24.81	33	-8.19
				1	49	23.79	24.78	33	-8.22
				25	12	22.73	23.72	33	-9.28
				50	0	22.75	23.74	33	-9.26
	40620	2593	64QAM	1	0	23.80	24.79	33	-8.21
				1	49	23.73	24.72	33	-8.28
				25	12	22.68	23.67	33	-9.33
				50	0	22.64	23.63	33	-9.37
	41540	2685	64QAM	1	0	23.81	24.80	33	-8.2
				1	49	23.77	24.76	33	-8.24
				25	12	22.71	23.70	33	-9.3
				50	0	22.70	23.69	33	-9.31
10	39700	2501	256QAM	1	0	20.63	21.62	33	-11.38
				1	49	20.71	21.70	33	-11.3
				25	12	20.67	21.66	33	-11.34
				50	0	20.63	21.62	33	-11.38
	40620	2593	256QAM	1	0	20.75	21.74	33	-11.26
				1	49	20.78	21.77	33	-11.23
				25	12	20.74	21.73	33	-11.27
				50	0	20.73	21.72	33	-11.28
	41540	2685	256QAM	1	0	20.90	21.89	33	-11.11
				1	49	20.87	21.86	33	-11.14
				25	12	20.89	21.88	33	-11.12
				50	0	20.77	21.76	33	-11.24

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LTE Band 41_Uplink frequency band : 2496 to 2690 MHz LTE Band 41_RS199_Uplink frequency band : 2500 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	39725	2503.5	QPSK	1	0	25.87	26.86	33	-6.14
				1	74	25.75	26.74	33	-6.26
				36	18	24.68	25.67	33	-7.33
				75	0	24.64	25.63	33	-7.37
	40620	2593	QPSK	1	0	25.76	26.75	33	-6.25
				1	74	25.69	26.68	33	-6.32
				36	18	24.64	25.63	33	-7.37
				75	0	24.62	25.61	33	-7.39
	41515	2682.5	QPSK	1	0	25.74	26.73	33	-6.27
				1	74	25.59	26.58	33	-6.42
				36	18	24.66	25.65	33	-7.35
				75	0	24.68	25.67	33	-7.33
15	39725	2503.5	16QAM	1	0	24.92	25.91	33	-7.09
				1	74	24.90	25.89	33	-7.11
				36	18	23.66	24.65	33	-8.35
				75	0	23.66	24.65	33	-8.35
	40620	2593	16QAM	1	0	24.89	25.88	33	-7.12
				1	74	24.77	25.76	33	-7.24
				36	18	23.66	24.65	33	-8.35
				75	0	23.60	24.59	33	-8.41
	41515	2682.5	16QAM	1	0	24.86	25.85	33	-7.15
				1	74	24.79	25.78	33	-7.22
				36	18	23.60	24.59	33	-8.41
				75	0	23.71	24.70	33	-8.3
15	39725	2503.5	64QAM	1	0	23.91	24.90	33	-8.1
				1	74	23.85	24.84	33	-8.16
				36	18	22.65	23.64	33	-9.36
				75	0	22.65	23.64	33	-9.36
	40620	2593	64QAM	1	0	23.93	24.92	33	-8.08
				1	74	23.86	24.85	33	-8.15
				36	18	22.59	23.58	33	-9.42
				75	0	22.63	23.62	33	-9.38
	41515	2682.5	64QAM	1	0	23.90	24.89	33	-8.11
				1	74	23.70	24.69	33	-8.31
				36	18	22.70	23.69	33	-9.31
				75	0	22.67	23.66	33	-9.34
15	39725	2503.5	256QAM	1	0	20.58	21.57	33	-11.43
				1	74	20.65	21.64	33	-11.36
				36	18	20.63	21.62	33	-11.38
				75	0	20.57	21.56	33	-11.44
	40620	2593	256QAM	1	0	20.70	21.69	33	-11.31
				1	74	20.68	21.67	33	-11.33
				36	18	20.72	21.71	33	-11.29
				75	0	20.64	21.63	33	-11.37
	41515	2682.5	256QAM	1	0	20.78	21.77	33	-11.23
				1	74	20.77	21.76	33	-11.24
				36	18	20.67	21.66	33	-11.34
				75	0	20.72	21.71	33	-11.29

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Antenna gain (dBi)		0.99							
LTE Band 41_Uplink frequency band : 2496 to 2690 MHz LTE Band 41_RS199_Uplink frequency band : 2500 to 2690 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	39750	2506	QPSK	1	0	25.78	26.77	33	-6.23
				1	99	25.81	26.80	33	-6.2
				50	25	24.69	25.68	33	-7.32
				100	0	24.66	25.65	33	-7.35
	40620	2593	QPSK	1	0	25.79	26.78	33	-6.22
				1	99	25.69	26.68	33	-6.32
				50	25	24.65	25.64	33	-7.36
				100	0	24.57	25.56	33	-7.44
	41490	2680	QPSK	1	0	25.79	26.78	33	-6.22
				1	99	25.63	26.62	33	-6.38
				50	25	24.62	25.61	33	-7.39
				100	0	24.60	25.59	33	-7.41
20	39750	2506	16QAM	1	0	24.83	25.82	33	-7.18
				1	99	24.92	25.91	33	-7.09
				50	25	23.71	24.70	33	-8.3
				100	0	23.62	24.61	33	-8.39
	40620	2593	16QAM	1	0	25.02	26.01	33	-6.99
				1	99	24.79	25.78	33	-7.22
				50	25	23.67	24.66	33	-8.34
				100	0	23.60	24.59	33	-8.41
	41490	2680	16QAM	1	0	24.97	25.96	33	-7.04
				1	99	24.78	25.77	33	-7.23
				50	25	23.66	24.65	33	-8.35
				100	0	23.61	24.60	33	-8.4
20	39750	2506	64QAM	1	0	23.94	24.93	33	-8.07
				1	99	23.89	24.88	33	-8.12
				50	25	22.76	23.75	33	-9.25
				100	0	22.60	23.59	33	-9.41
	40620	2593	64QAM	1	0	23.81	24.80	33	-8.2
				1	99	23.70	24.69	33	-8.31
				50	25	22.69	23.68	33	-9.32
				100	0	22.56	23.55	33	-9.45
	41490	2680	64QAM	1	0	23.81	24.80	33	-8.2
				1	99	23.70	24.69	33	-8.31
				50	25	22.62	23.61	33	-9.39
				100	0	22.57	23.56	33	-9.44
20	39750	2506	256QAM	1	0	20.62	21.61	33	-11.39
				1	99	20.59	21.58	33	-11.42
				50	25	20.59	21.58	33	-11.42
				100	0	20.56	21.55	33	-11.45
	40620	2593	256QAM	1	0	20.66	21.65	33	-11.35
				1	99	20.59	21.58	33	-11.42
				50	25	20.74	21.73	33	-11.27
				100	0	20.66	21.65	33	-11.35
	41490	2680	256QAM	1	0	20.83	21.82	33	-11.18
				1	99	20.76	21.75	33	-11.25
				50	25	20.71	21.70	33	-11.3
				100	0	20.70	21.69	33	-11.31

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	42115	3452.5	QPSK	1	0	21.42	21.83	33	-11.17
				1	24	21.45	21.86	33	-11.14
				12	6	20.47	20.88	33	-12.12
				25	0	20.49	20.90	33	-12.1
	42590	3500	QPSK	1	0	21.48	21.89	33	-11.11
				1	24	21.47	21.88	33	-11.12
				12	6	20.45	20.86	33	-12.14
				25	0	20.45	20.86	33	-12.14
	43065	3547.5	QPSK	1	0	21.20	21.61	33	-11.39
				1	24	21.21	21.62	33	-11.38
				12	6	20.22	20.63	33	-12.37
				25	0	20.26	20.67	33	-12.33
5	42115	3452.5	16QAM	1	0	20.74	21.15	33	-11.85
				1	24	20.70	21.11	33	-11.89
				12	6	19.52	19.93	33	-13.07
				25	0	19.48	19.89	33	-13.11
	42590	3500	16QAM	1	0	20.68	21.09	33	-11.91
				1	24	20.71	21.12	33	-11.88
				12	6	19.49	19.90	33	-13.1
				25	0	19.51	19.92	33	-13.08
	43065	3547.5	16QAM	1	0	20.43	20.84	33	-12.16
				1	24	20.53	20.94	33	-12.06
				12	6	19.24	19.65	33	-13.35
				25	0	19.27	19.68	33	-13.32
5	42115	3452.5	64QAM	1	0	19.71	20.12	33	-12.88
				1	24	19.65	20.06	33	-12.94
				12	6	18.50	18.91	33	-14.09
				25	0	18.48	18.89	33	-14.11
	42590	3500	64QAM	1	0	19.69	20.10	33	-12.9
				1	24	19.63	20.04	33	-12.96
				12	6	18.50	18.91	33	-14.09
				25	0	18.48	18.89	33	-14.11
	43065	3547.5	64QAM	1	0	19.42	19.83	33	-13.17
				1	24	19.49	19.90	33	-13.1
				12	6	18.20	18.61	33	-14.39
				25	0	18.27	18.68	33	-14.32
5	42115	3452.5	256QAM	1	0	16.41	16.82	33	-16.18
				1	24	16.33	16.74	33	-16.26
				12	6	16.34	16.75	33	-16.25
				25	0	16.29	16.70	33	-16.3
	42590	3500	256QAM	1	0	16.59	17.00	33	-16
				1	24	16.43	16.84	33	-16.16
				12	6	16.31	16.72	33	-16.28
				25	0	16.37	16.78	33	-16.22
	43065	3547.5	256QAM	1	0	16.23	16.64	33	-16.36
				1	24	16.13	16.54	33	-16.46
				12	6	16.11	16.52	33	-16.48
				25	0	16.13	16.54	33	-16.46

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	42140	3455	QPSK	1	0	21.51	21.92	33	-11.08
				1	49	21.46	21.87	33	-11.13
				25	12	20.36	20.77	33	-12.23
				50	0	20.54	20.95	33	-12.05
	42590	3500	QPSK	1	0	21.43	21.84	33	-11.16
				1	49	21.40	21.81	33	-11.19
				25	12	20.45	20.86	33	-12.14
				50	0	20.48	20.89	33	-12.11
	43040	3545	QPSK	1	0	21.15	21.56	33	-11.44
				1	49	21.21	21.62	33	-11.38
				25	12	20.21	20.62	33	-12.38
				50	0	20.28	20.69	33	-12.31
10	42140	3455	16QAM	1	0	20.63	21.04	33	-11.96
				1	49	20.74	21.15	33	-11.85
				25	12	19.44	19.85	33	-13.15
				50	0	19.53	19.94	33	-13.06
	42590	3500	16QAM	1	0	20.76	21.17	33	-11.83
				1	49	20.63	21.04	33	-11.96
				25	12	19.40	19.81	33	-13.19
				50	0	19.51	19.92	33	-13.08
	43040	3545	16QAM	1	0	20.60	21.01	33	-11.99
				1	49	20.50	20.91	33	-12.09
				25	12	19.15	19.56	33	-13.44
				50	0	19.33	19.74	33	-13.26
10	42140	3455	64QAM	1	0	19.73	20.14	33	-12.86
				1	49	19.60	20.01	33	-12.99
				25	12	18.38	18.79	33	-14.21
				50	0	18.54	18.95	33	-14.05
	42590	3500	64QAM	1	0	19.65	20.06	33	-12.94
				1	49	19.68	20.09	33	-12.91
				25	12	18.39	18.80	33	-14.2
				50	0	18.55	18.96	33	-14.04
	43040	3545	64QAM	1	0	19.42	19.83	33	-13.17
				1	49	19.46	19.87	33	-13.13
				25	12	18.17	18.58	33	-14.42
				50	0	18.30	18.71	33	-14.29
10	42140	3455	256QAM	1	0	16.42	16.83	33	-16.17
				1	49	16.36	16.77	33	-16.23
				25	12	16.34	16.75	33	-16.25
				50	0	16.41	16.82	33	-16.18
	42590	3500	256QAM	1	0	16.46	16.87	33	-16.13
				1	49	16.23	16.64	33	-16.36
				25	12	16.34	16.75	33	-16.25
				50	0	16.34	16.75	33	-16.25
	43040	3545	256QAM	1	0	16.11	16.52	33	-16.48
				1	49	16.14	16.55	33	-16.45
				25	12	16.19	16.60	33	-16.4
				50	0	16.15	16.56	33	-16.44

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	42165	3457.5	QPSK	1	0	21.66	22.07	33	-10.93
				1	74	21.48	21.89	33	-11.11
				36	18	20.35	20.76	33	-12.24
				75	0	20.52	20.93	33	-12.07
	42590	3500	QPSK	1	0	21.51	21.92	33	-11.08
				1	74	21.45	21.86	33	-11.14
				36	18	20.35	20.76	33	-12.24
				75	0	20.39	20.80	33	-12.2
	43015	3542.5	QPSK	1	0	21.32	21.73	33	-11.27
				1	74	21.39	21.80	33	-11.2
				36	18	20.08	20.49	33	-12.51
				75	0	20.31	20.72	33	-12.28
15	42165	3457.5	16QAM	1	0	20.91	21.32	33	-11.68
				1	74	20.84	21.25	33	-11.75
				36	18	19.32	19.73	33	-13.27
				75	0	19.53	19.94	33	-13.06
	42590	3500	16QAM	1	0	20.70	21.11	33	-11.89
				1	74	20.71	21.12	33	-11.88
				36	18	19.22	19.63	33	-13.37
				75	0	19.38	19.79	33	-13.21
	43015	3542.5	16QAM	1	0	20.56	20.97	33	-12.03
				1	74	20.56	20.97	33	-12.03
				36	18	19.10	19.51	33	-13.49
				75	0	19.30	19.71	33	-13.29
15	42165	3457.5	64QAM	1	0	19.69	20.10	33	-12.9
				1	74	19.67	20.08	33	-12.92
				36	18	18.27	18.68	33	-14.32
				75	0	18.54	18.95	33	-14.05
	42590	3500	64QAM	1	0	19.58	19.99	33	-13.01
				1	74	19.52	19.93	33	-13.07
				36	18	18.31	18.72	33	-14.28
				75	0	18.44	18.85	33	-14.15
	43015	3542.5	64QAM	1	0	19.42	19.83	33	-13.17
				1	74	19.33	19.74	33	-13.26
				36	18	18.08	18.49	33	-14.51
				75	0	18.28	18.69	33	-14.31
15	42165	3457.5	256QAM	1	0	16.45	16.86	33	-16.14
				1	74	16.23	16.64	33	-16.36
				36	18	16.31	16.72	33	-16.28
				75	0	16.33	16.74	33	-16.26
	42590	3500	256QAM	1	0	16.29	16.70	33	-16.3
				1	74	16.19	16.60	33	-16.4
				36	18	16.30	16.71	33	-16.29
				75	0	16.23	16.64	33	-16.36
	43015	3542.5	256QAM	1	0	16.35	16.76	33	-16.24
				1	74	16.12	16.53	33	-16.47
				36	18	16.12	16.53	33	-16.47
				75	0	16.11	16.52	33	-16.48

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 42_Uplink frequency band : 3450 to 3550 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	42190	3460	QPSK	1	0	21.64	22.05	33	-10.95
				1	99	21.46	21.87	33	-11.13
				50	25	20.54	20.95	33	-12.05
				100	0	20.50	20.91	33	-12.09
	42590	3500	QPSK	1	0	21.62	22.03	33	-10.97
				1	99	21.52	21.93	33	-11.07
				50	25	20.49	20.90	33	-12.1
				100	0	20.34	20.75	33	-12.25
	42990	3540	QPSK	1	0	21.31	21.72	33	-11.28
				1	99	21.37	21.78	33	-11.22
				50	25	20.33	20.74	33	-12.26
				100	0	20.22	20.63	33	-12.37
20	42190	3460	16QAM	1	0	20.57	20.98	33	-12.02
				1	99	20.64	21.05	33	-11.95
				50	25	19.51	19.92	33	-13.08
				100	0	19.46	19.87	33	-13.13
	42590	3500	16QAM	1	0	20.74	21.15	33	-11.85
				1	99	20.59	21.00	33	-12
				50	25	19.51	19.92	33	-13.08
				100	0	19.42	19.83	33	-13.17
	42990	3540	16QAM	1	0	20.45	20.86	33	-12.14
				1	99	20.44	20.85	33	-12.15
				50	25	19.34	19.75	33	-13.25
				100	0	19.23	19.64	33	-13.36
20	42190	3460	64QAM	1	0	19.58	19.99	33	-13.01
				1	99	19.64	20.05	33	-12.95
				50	25	18.49	18.90	33	-14.1
				100	0	18.50	18.91	33	-14.09
	42590	3500	64QAM	1	0	19.67	20.08	33	-12.92
				1	99	19.54	19.95	33	-13.05
				50	25	18.50	18.91	33	-14.09
				100	0	18.40	18.81	33	-14.19
	42990	3540	64QAM	1	0	19.38	19.79	33	-13.21
				1	99	19.46	19.87	33	-13.13
				50	25	18.29	18.70	33	-14.3
				100	0	18.28	18.69	33	-14.31
20	42190	3460	256QAM	1	0	16.33	16.74	33	-16.26
				1	99	16.20	16.61	33	-16.39
				50	25	16.28	16.69	33	-16.31
				100	0	16.23	16.64	33	-16.36
	42590	3500	256QAM	1	0	16.29	16.70	33	-16.3
				1	99	16.11	16.52	33	-16.48
				50	25	16.30	16.71	33	-16.29
				100	0	16.20	16.61	33	-16.39
	42990	3540	256QAM	1	0	16.15	16.56	33	-16.44
				1	99	16.16	16.57	33	-16.43
				50	25	16.15	16.56	33	-16.44
				100	0	16.11	16.52	33	-16.48

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 43_Uplink frequency band : 3700 to 3800 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	44615	3702.5	QPSK	1	0	21.31	21.72	33	-11.28
				1	24	21.37	21.78	33	-11.22
				12	6	20.30	20.71	33	-12.29
				25	0	20.29	20.70	33	-12.3
	45090	3750	QPSK	1	0	21.41	21.82	33	-11.18
				1	24	21.38	21.79	33	-11.21
				12	6	20.44	20.85	33	-12.15
				25	0	20.45	20.86	33	-12.14
	45565	3797.5	QPSK	1	0	21.24	21.65	33	-11.35
				1	24	21.27	21.68	33	-11.32
				12	6	20.31	20.72	33	-12.28
				25	0	20.31	20.72	33	-12.28
5	44615	3702.5	16QAM	1	0	20.57	20.98	33	-12.02
				1	24	20.59	21.00	33	-12
				12	6	19.37	19.78	33	-13.22
				25	0	19.35	19.76	33	-13.24
	45090	3750	16QAM	1	0	20.70	21.11	33	-11.89
				1	24	20.62	21.03	33	-11.97
				12	6	19.50	19.91	33	-13.09
				25	0	19.42	19.83	33	-13.17
	45565	3797.5	16QAM	1	0	20.45	20.86	33	-12.14
				1	24	20.54	20.95	33	-12.05
				12	6	19.31	19.72	33	-13.28
				25	0	19.31	19.72	33	-13.28
5	44615	3702.5	64QAM	1	0	19.44	19.85	33	-13.15
				1	24	19.51	19.92	33	-13.08
				12	6	18.36	18.77	33	-14.23
				25	0	18.36	18.77	33	-14.23
	45090	3750	64QAM	1	0	19.61	20.02	33	-12.98
				1	24	19.60	20.01	33	-12.99
				12	6	18.49	18.90	33	-14.1
				25	0	18.45	18.86	33	-14.14
	45565	3797.5	64QAM	1	0	19.51	19.92	33	-13.08
				1	24	19.52	19.93	33	-13.07
				12	6	18.36	18.77	33	-14.23
				25	0	18.33	18.74	33	-14.26
5	44615	3702.5	256QAM	1	0	16.49	16.90	33	-16.1
				1	24	16.22	16.63	33	-16.37
				12	6	16.27	16.68	33	-16.32
				25	0	16.19	16.60	33	-16.4
	45090	3750	256QAM	1	0	16.22	16.63	33	-16.37
				1	24	16.36	16.77	33	-16.23
				12	6	16.15	16.56	33	-16.44
				25	0	16.11	16.52	33	-16.48
	45565	3797.5	256QAM	1	0	16.15	16.56	33	-16.44
				1	24	16.13	16.54	33	-16.46
				12	6	16.15	16.56	33	-16.44
				25	0	16.14	16.55	33	-16.45

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 43_Uplink frequency band : 3700 to 3800 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	44640	3705	QPSK	1	0	21.28	21.69	33	-11.31
				1	49	21.29	21.70	33	-11.3
				25	12	20.23	20.64	33	-12.36
				50	0	20.34	20.75	33	-12.25
	45090	3750	QPSK	1	0	21.47	21.88	33	-11.12
				1	49	21.45	21.86	33	-11.14
				25	12	20.42	20.83	33	-12.17
				50	0	20.44	20.85	33	-12.15
	45540	3795	QPSK	1	0	21.28	21.69	33	-11.31
				1	49	21.41	21.82	33	-11.18
				25	12	20.20	20.61	33	-12.39
				50	0	20.24	20.65	33	-12.35
10	44640	3705	16QAM	1	0	20.56	20.97	33	-12.03
				1	49	20.71	21.12	33	-11.88
				25	12	19.24	19.65	33	-13.35
				50	0	19.35	19.76	33	-13.24
	45090	3750	16QAM	1	0	20.74	21.15	33	-11.85
				1	49	20.70	21.11	33	-11.89
				25	12	19.40	19.81	33	-13.19
				50	0	19.51	19.92	33	-13.08
	45540	3795	16QAM	1	0	20.57	20.98	33	-12.02
				1	49	20.51	20.92	33	-12.08
				25	12	19.13	19.54	33	-13.46
				50	0	19.21	19.62	33	-13.38
10	44640	3705	64QAM	1	0	19.44	19.85	33	-13.15
				1	49	19.55	19.96	33	-13.04
				25	12	18.27	18.68	33	-14.32
				50	0	18.32	18.73	33	-14.27
	45090	3750	64QAM	1	0	19.57	19.98	33	-13.02
				1	49	19.50	19.91	33	-13.09
				25	12	18.39	18.80	33	-14.2
				50	0	18.48	18.89	33	-14.11
	45540	3795	64QAM	1	0	19.45	19.86	33	-13.14
				1	49	19.48	19.89	33	-13.11
				25	12	18.20	18.61	33	-14.39
				50	0	18.27	18.68	33	-14.32
10	44640	3705	256QAM	1	0	16.39	16.80	33	-16.2
				1	49	16.33	16.74	33	-16.26
				25	12	16.23	16.64	33	-16.36
				50	0	16.15	16.56	33	-16.44
	45090	3750	256QAM	1	0	16.14	16.55	33	-16.45
				1	49	16.35	16.76	33	-16.24
				25	12	16.18	16.59	33	-16.41
				50	0	16.16	16.57	33	-16.43
	45540	3795	256QAM	1	0	16.13	16.54	33	-16.46
				1	49	16.12	16.53	33	-16.47
				25	12	16.11	16.52	33	-16.48
				50	0	16.01	16.42	33	-16.58

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 43_Uplink frequency band : 3700 to 3800 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	44665	3707.5	QPSK	1	0	21.54	21.95	33	-11.05
				1	74	21.50	21.91	33	-11.09
				36	18	20.24	20.65	33	-12.35
				75	0	20.35	20.76	33	-12.24
	45090	3750	QPSK	1	0	21.40	21.81	33	-11.19
				1	74	21.52	21.93	33	-11.07
				36	18	20.24	20.65	33	-12.35
				75	0	20.42	20.83	33	-12.17
	45515	3792.5	QPSK	1	0	21.40	21.81	33	-11.19
				1	74	21.50	21.91	33	-11.09
				36	18	20.12	20.53	33	-12.47
				75	0	20.21	20.62	33	-12.38
15	44665	3707.5	16QAM	1	0	20.68	21.09	33	-11.91
				1	74	20.57	20.98	33	-12.02
				36	18	19.21	19.62	33	-13.38
				75	0	19.36	19.77	33	-13.23
	45090	3750	16QAM	1	0	20.75	21.16	33	-11.84
				1	74	20.67	21.08	33	-11.92
				36	18	19.29	19.70	33	-13.3
				75	0	19.46	19.87	33	-13.13
	45515	3792.5	16QAM	1	0	20.55	20.96	33	-12.04
				1	74	20.58	20.99	33	-12.01
				36	18	19.10	19.51	33	-13.49
				75	0	19.21	19.62	33	-13.38
15	44665	3707.5	64QAM	1	0	19.69	20.10	33	-12.9
				1	74	19.51	19.92	33	-13.08
				36	18	18.18	18.59	33	-14.41
				75	0	18.33	18.74	33	-14.26
	45090	3750	64QAM	1	0	19.56	19.97	33	-13.03
				1	74	19.64	20.05	33	-12.95
				36	18	18.21	18.62	33	-14.38
				75	0	18.45	18.86	33	-14.14
	45515	3792.5	64QAM	1	0	19.29	19.70	33	-13.3
				1	74	19.49	19.90	33	-13.1
				36	18	18.13	18.54	33	-14.46
				75	0	18.19	18.60	33	-14.4
15	44665	3707.5	256QAM	1	0	16.28	16.69	33	-16.31
				1	74	16.16	16.57	33	-16.43
				36	18	16.19	16.60	33	-16.4
				75	0	16.26	16.67	33	-16.33
	45090	3750	256QAM	1	0	16.15	16.56	33	-16.44
				1	74	16.19	16.60	33	-16.4
				36	18	16.19	16.60	33	-16.4
				75	0	16.16	16.57	33	-16.43
	45515	3792.5	256QAM	1	0	16.20	16.61	33	-16.39
				1	74	16.14	16.55	33	-16.45
				36	18	16.12	16.53	33	-16.47
				75	0	16.06	16.47	33	-16.53

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Antenna gain (dBi)		0.41							
Part 27_LTE Band 43_Uplink frequency band : 3700 to 3800 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	44690	3710	QPSK	1	0	21.45	21.86	33	-11.14
				1	99	21.62	22.03	33	-10.97
				50	25	20.35	20.76	33	-12.24
				100	0	20.32	20.73	33	-12.27
	45090	3750	QPSK	1	0	21.67	22.08	33	-10.92
				1	99	21.51	21.92	33	-11.08
				50	25	20.47	20.88	33	-12.12
				100	0	20.43	20.84	33	-12.16
	45490	3790	QPSK	1	0	21.39	21.80	33	-11.2
				1	99	21.51	21.92	33	-11.08
				50	25	20.21	20.62	33	-12.38
				100	0	20.12	20.53	33	-12.47
20	44690	3710	16QAM	1	0	20.64	21.05	33	-11.95
				1	99	20.62	21.03	33	-11.97
				50	25	19.39	19.80	33	-13.2
				100	0	19.34	19.75	33	-13.25
	45090	3750	16QAM	1	0	20.72	21.13	33	-11.87
				1	99	20.66	21.07	33	-11.93
				50	25	19.46	19.87	33	-13.13
				100	0	19.42	19.83	33	-13.17
	45490	3790	16QAM	1	0	20.38	20.79	33	-12.21
				1	99	20.49	20.90	33	-12.1
				50	25	19.24	19.65	33	-13.35
				100	0	19.18	19.59	33	-13.41
20	44690	3710	64QAM	1	0	19.44	19.85	33	-13.15
				1	99	19.57	19.98	33	-13.02
				50	25	18.43	18.84	33	-14.16
				100	0	18.30	18.71	33	-14.29
	45090	3750	64QAM	1	0	19.62	20.03	33	-12.97
				1	99	19.52	19.93	33	-13.07
				50	25	18.52	18.93	33	-14.07
				100	0	18.35	18.76	33	-14.24
	45490	3790	64QAM	1	0	19.49	19.90	33	-13.1
				1	99	19.56	19.97	33	-13.03
				50	25	18.28	18.69	33	-14.31
				100	0	18.21	18.62	33	-14.38
20	44690	3710	256QAM	1	0	16.23	16.64	33	-16.36
				1	99	16.13	16.54	33	-16.46
				50	25	16.15	16.56	33	-16.44
				100	0	16.14	16.55	33	-16.45
	45090	3750	256QAM	1	0	16.10	16.51	33	-16.49
				1	99	16.11	16.52	33	-16.48
				50	25	16.14	16.55	33	-16.45
				100	0	16.12	16.53	33	-16.47
	45490	3790	256QAM	1	0	16.13	16.54	33	-16.46
				1	99	16.10	16.51	33	-16.49
				50	25	16.11	16.52	33	-16.48
				100	0	16.10	16.51	33	-16.49

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Antenna gain (dBi)		2.49							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
1.4	131979	1710.7	QPSK	1	0	22.44	24.93	30	-5.07
				1	5	22.49	24.98	30	-5.02
				3	2	22.35	24.84	30	-5.16
				6	0	21.48	23.97	30	-6.03
	132322	1745	QPSK	1	0	22.54	25.03	30	-4.97
				1	5	22.45	24.94	30	-5.06
				3	2	22.47	24.96	30	-5.04
				6	0	21.47	23.96	30	-6.04
	132665	1779.3	QPSK	1	0	22.65	25.14	30	-4.86
				1	5	22.62	25.11	30	-4.89
				3	2	22.64	25.13	30	-4.87
				6	0	21.57	24.06	30	-5.94
1.4	131979	1710.7	16QAM	1	0	21.85	24.34	30	-5.66
				1	5	21.61	24.10	30	-5.9
				3	2	21.69	24.18	30	-5.82
				6	0	20.56	23.05	30	-6.95
	132322	1745	16QAM	1	0	21.84	24.33	30	-5.67
				1	5	21.71	24.20	30	-5.8
				3	2	21.61	24.10	30	-5.9
				6	0	20.54	23.03	30	-6.97
	132665	1779.3	16QAM	1	0	21.78	24.27	30	-5.73
				1	5	21.84	24.33	30	-5.67
				3	2	21.76	24.25	30	-5.75
				6	0	20.66	23.15	30	-6.85
1.4	131979	1710.7	64QAM	1	0	20.47	22.96	30	-7.04
				1	5	20.69	23.18	30	-6.82
				3	2	20.72	23.21	30	-6.79
				6	0	19.47	21.96	30	-8.04
	132322	1745	64QAM	1	0	20.78	23.27	30	-6.73
				1	5	20.57	23.06	30	-6.94
				3	2	20.57	23.06	30	-6.94
				6	0	19.49	21.98	30	-8.02
	132665	1779.3	64QAM	1	0	20.86	23.35	30	-6.65
				1	5	20.80	23.29	30	-6.71
				3	2	20.63	23.12	30	-6.88
				6	0	19.65	22.14	30	-7.86
1.4	131979	1710.7	256QAM	1	0	17.62	20.11	30	-9.89
				1	5	17.64	20.13	30	-9.87
				3	2	17.63	20.12	30	-9.88
				6	0	17.63	20.12	30	-9.88
	132322	1745	256QAM	1	0	17.70	20.19	30	-9.81
				1	5	17.64	20.13	30	-9.87
				3	2	17.62	20.11	30	-9.89
				6	0	17.61	20.10	30	-9.9
	132665	1779.3	256QAM	1	0	17.63	20.12	30	-9.88
				1	5	17.60	20.09	30	-9.91
				3	2	17.65	20.14	30	-9.86
				6	0	17.58	20.07	30	-9.93

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Antenna gain (dBi)		2.49							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
3	131987	1711.5	QPSK	1	0	22.48	24.97	30	-5.03
				1	14	22.54	25.03	30	-4.97
				8	4	21.56	24.05	30	-5.95
				15	0	21.53	24.02	30	-5.98
	132322	1745	QPSK	1	0	22.44	24.93	30	-5.07
				1	14	22.43	24.92	30	-5.08
				8	4	21.59	24.08	30	-5.92
				15	0	21.57	24.06	30	-5.94
	132657	1778.5	QPSK	1	0	22.68	25.17	30	-4.83
				1	14	22.48	24.97	30	-5.03
				8	4	21.64	24.13	30	-5.87
				15	0	21.61	24.10	30	-5.9
3	131987	1711.5	16QAM	1	0	21.85	24.34	30	-5.66
				1	14	21.73	24.22	30	-5.78
				8	4	20.66	23.15	30	-6.85
				15	0	20.61	23.10	30	-6.9
	132322	1745	16QAM	1	0	21.70	24.19	30	-5.81
				1	14	21.83	24.32	30	-5.68
				8	4	20.64	23.13	30	-6.87
				15	0	20.68	23.17	30	-6.83
	132657	1778.5	16QAM	1	0	21.93	24.42	30	-5.58
				1	14	21.76	24.25	30	-5.75
				8	4	20.65	23.14	30	-6.86
				15	0	20.57	23.06	30	-6.94
3	131987	1711.5	64QAM	1	0	20.78	23.27	30	-6.73
				1	14	20.65	23.14	30	-6.86
				8	4	19.52	22.01	30	-7.99
				15	0	19.50	21.99	30	-8.01
	132322	1745	64QAM	1	0	20.65	23.14	30	-6.86
				1	14	20.78	23.27	30	-6.73
				8	4	19.63	22.12	30	-7.88
				15	0	19.55	22.04	30	-7.96
	132657	1778.5	64QAM	1	0	20.87	23.36	30	-6.64
				1	14	20.62	23.11	30	-6.89
				8	4	19.70	22.19	30	-7.81
				15	0	19.63	22.12	30	-7.88
3	131987	1711.5	256QAM	1	0	17.61	20.10	30	-9.9
				1	14	17.56	20.05	30	-9.95
				8	4	17.45	19.94	30	-10.06
				15	0	17.43	19.92	30	-10.08
	132322	1745	256QAM	1	0	17.55	20.04	30	-9.96
				1	14	17.60	20.09	30	-9.91
				8	4	17.51	20.00	30	-10
				15	0	17.52	20.01	30	-9.99
	132657	1778.5	256QAM	1	0	17.58	20.07	30	-9.93
				1	14	17.60	20.09	30	-9.91
				8	4	17.52	20.01	30	-9.99
				15	0	17.55	20.04	30	-9.96

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LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	131997	1712.5	QPSK	1	0	22.40	24.89	30	-5.11
				1	24	22.57	25.06	30	-4.94
				12	6	21.53	24.02	30	-5.98
				25	0	21.54	24.03	30	-5.97
	132322	1745	QPSK	1	0	22.49	24.98	30	-5.02
				1	24	22.48	24.97	30	-5.03
				12	6	21.58	24.07	30	-5.93
				25	0	21.61	24.10	30	-5.9
	132647	1777.5	QPSK	1	0	22.59	25.08	30	-4.92
				1	24	22.55	25.04	30	-4.96
				12	6	21.61	24.10	30	-5.9
				25	0	21.61	24.10	30	-5.9
5	131997	1712.5	16QAM	1	0	21.89	24.38	30	-5.62
				1	24	21.78	24.27	30	-5.73
				12	6	20.60	23.09	30	-6.91
				25	0	20.61	23.10	30	-6.9
	132322	1745	16QAM	1	0	21.69	24.18	30	-5.82
				1	24	21.67	24.16	30	-5.84
				12	6	20.68	23.17	30	-6.83
				25	0	20.57	23.06	30	-6.94
	132647	1777.5	16QAM	1	0	21.92	24.41	30	-5.59
				1	24	21.86	24.35	30	-5.65
				12	6	20.69	23.18	30	-6.82
				25	0	20.54	23.03	30	-6.97
5	131997	1712.5	64QAM	1	0	20.71	23.20	30	-6.8
				1	24	20.75	23.24	30	-6.76
				12	6	19.87	22.36	30	-7.64
				25	0	19.75	22.24	30	-7.76
	132322	1745	64QAM	1	0	20.56	23.05	30	-6.95
				1	24	20.59	23.08	30	-6.92
				12	6	19.69	22.18	30	-7.82
				25	0	19.60	22.09	30	-7.91
	132647	1777.5	64QAM	1	0	20.83	23.32	30	-6.68
				1	24	20.79	23.28	30	-6.72
				12	6	19.64	22.13	30	-7.87
				25	0	19.55	22.04	30	-7.96
5	131997	1712.5	256QAM	1	0	17.35	19.84	30	-10.16
				1	24	17.59	20.08	30	-9.92
				12	6	17.49	19.98	30	-10.02
				25	0	17.46	19.95	30	-10.05
	132322	1745	256QAM	1	0	17.57	20.06	30	-9.94
				1	24	17.70	20.19	30	-9.81
				12	6	17.55	20.04	30	-9.96
				25	0	17.58	20.07	30	-9.93
	132647	1777.5	256QAM	1	0	17.71	20.20	30	-9.8
				1	24	17.54	20.03	30	-9.97
				12	6	17.49	19.98	30	-10.02
				25	0	17.48	19.97	30	-10.03

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Antenna gain (dBi)		2.49							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	132022	1715	QPSK	1	0	22.53	25.02	30	-4.98
				1	49	22.61	25.10	30	-4.9
				25	12	21.50	23.99	30	-6.01
				50	0	21.54	24.03	30	-5.97
	132322	1745	QPSK	1	0	22.52	25.01	30	-4.99
				1	49	22.50	24.99	30	-5.01
				25	12	21.58	24.07	30	-5.93
				50	0	21.61	24.10	30	-5.9
	132622	1775	QPSK	1	0	22.68	25.17	30	-4.83
				1	49	22.56	25.05	30	-4.95
				25	12	21.53	24.02	30	-5.98
				50	0	21.65	24.14	30	-5.86
10	132022	1715	16QAM	1	0	21.89	24.38	30	-5.62
				1	49	21.84	24.33	30	-5.67
				25	12	20.56	23.05	30	-6.95
				50	0	20.57	23.06	30	-6.94
	132322	1745	16QAM	1	0	21.77	24.26	30	-5.74
				1	49	21.84	24.33	30	-5.67
				25	12	20.62	23.11	30	-6.89
				50	0	20.54	23.03	30	-6.97
	132622	1775	16QAM	1	0	21.81	24.30	30	-5.7
				1	49	21.86	24.35	30	-5.65
				25	12	20.71	23.20	30	-6.8
				50	0	20.59	23.08	30	-6.92
10	132022	1715	64QAM	1	0	20.83	23.32	30	-6.68
				1	49	20.83	23.32	30	-6.68
				25	12	19.54	22.03	30	-7.97
				50	0	19.58	22.07	30	-7.93
	132322	1745	64QAM	1	0	20.66	23.15	30	-6.85
				1	49	20.68	23.17	30	-6.83
				25	12	19.61	22.10	30	-7.9
				50	0	19.62	22.11	30	-7.89
	132622	1775	64QAM	1	0	20.95	23.44	30	-6.56
				1	49	20.71	23.20	30	-6.8
				25	12	19.68	22.17	30	-7.83
				50	0	19.71	22.20	30	-7.8
10	132022	1715	256QAM	1	0	17.45	19.94	30	-10.06
				1	49	17.59	20.08	30	-9.92
				25	12	17.56	20.05	30	-9.95
				50	0	17.43	19.92	30	-10.08
	132322	1745	256QAM	1	0	17.48	19.97	30	-10.03
				1	49	17.64	20.13	30	-9.87
				25	12	17.59	20.08	30	-9.92
				50	0	17.54	20.03	30	-9.97
	132622	1775	256QAM	1	0	17.81	20.30	30	-9.7
				1	49	17.56	20.05	30	-9.95
				25	12	17.56	20.05	30	-9.95
				50	0	17.57	20.06	30	-9.94

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LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	132047	1717.5	QPSK	1	0	22.35	24.84	30	-5.16
				1	74	22.56	25.05	30	-4.95
				36	18	21.61	24.10	30	-5.9
				75	0	21.57	24.06	30	-5.94
	132322	1745	QPSK	1	0	22.56	25.05	30	-4.95
				1	74	22.53	25.02	30	-4.98
				36	18	21.65	24.14	30	-5.86
				75	0	21.53	24.02	30	-5.98
	132597	1772.5	QPSK	1	0	22.69	25.18	30	-4.82
				1	74	22.65	25.14	30	-4.86
				36	18	21.67	24.16	30	-5.84
				75	0	21.61	24.10	30	-5.9
15	132047	1717.5	16QAM	1	0	21.78	24.27	30	-5.73
				1	74	21.89	24.38	30	-5.62
				36	18	20.58	23.07	30	-6.93
				75	0	20.60	23.09	30	-6.91
	132322	1745	16QAM	1	0	21.56	24.05	30	-5.95
				1	74	21.73	24.22	30	-5.78
				36	18	20.55	23.04	30	-6.96
				75	0	20.56	23.05	30	-6.95
	132597	1772.5	16QAM	1	0	22.07	24.56	30	-5.44
				1	74	21.71	24.20	30	-5.8
				36	18	20.65	23.14	30	-6.86
				75	0	20.59	23.08	30	-6.92
15	132047	1717.5	64QAM	1	0	20.52	23.01	30	-6.99
				1	74	20.70	23.19	30	-6.81
				36	18	19.60	22.09	30	-7.91
				75	0	19.57	22.06	30	-7.94
	132322	1745	64QAM	1	0	20.98	23.47	30	-6.53
				1	74	20.61	23.10	30	-6.9
				36	18	19.61	22.10	30	-7.9
				75	0	19.58	22.07	30	-7.93
	132597	1772.5	64QAM	1	0	20.90	23.39	30	-6.61
				1	74	20.67	23.16	30	-6.84
				36	18	19.74	22.23	30	-7.77
				75	0	19.59	22.08	30	-7.92
15	132047	1717.5	256QAM	1	0	17.43	19.92	30	-10.08
				1	74	17.59	20.08	30	-9.92
				36	18	17.50	19.99	30	-10.01
				75	0	17.44	19.93	30	-10.07
	132322	1745	256QAM	1	0	17.65	20.14	30	-9.86
				1	74	17.61	20.10	30	-9.9
				36	18	17.49	19.98	30	-10.02
				75	0	17.43	19.92	30	-10.08
	132597	1772.5	256QAM	1	0	17.61	20.10	30	-9.9
				1	74	17.62	20.11	30	-9.89
				36	18	17.44	19.93	30	-10.07
				75	0	17.54	20.03	30	-9.97

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Antenna gain (dBi)		2.49							
LTE Band 66_Uplink frequency band : 1710 to 1780 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
20	132072	1720	QPSK	1	0	22.65	25.14	30	-4.86
				1	99	22.52	25.01	30	-4.99
				50	25	21.64	24.13	30	-5.87
				100	0	21.53	24.02	30	-5.98
	132322	1745	QPSK	1	0	22.39	24.88	30	-5.12
				1	99	22.53	25.02	30	-4.98
				50	25	21.57	24.06	30	-5.94
				100	0	21.52	24.01	30	-5.99
	132572	1770	QPSK	1	0	22.85	25.34	30	-4.66
				1	99	22.70	25.19	30	-4.81
				50	25	21.66	24.15	30	-5.85
				100	0	21.61	24.10	30	-5.9
20	132072	1720	16QAM	1	0	21.92	24.41	30	-5.59
				1	99	21.74	24.23	30	-5.77
				50	25	20.63	23.12	30	-6.88
				100	0	20.52	23.01	30	-6.99
	132322	1745	16QAM	1	0	21.76	24.25	30	-5.75
				1	99	21.78	24.27	30	-5.73
				50	25	20.60	23.09	30	-6.91
				100	0	20.49	22.98	30	-7.02
	132572	1770	16QAM	1	0	21.59	24.08	30	-5.92
				1	99	21.79	24.28	30	-5.72
				50	25	20.59	23.08	30	-6.92
				100	0	20.63	23.12	30	-6.88
20	132072	1720	64QAM	1	0	20.80	23.29	30	-6.71
				1	99	20.71	23.20	30	-6.8
				50	25	19.59	22.08	30	-7.92
				100	0	19.58	22.07	30	-7.93
	132322	1745	64QAM	1	0	20.69	23.18	30	-6.82
				1	99	20.73	23.22	30	-6.78
				50	25	19.58	22.07	30	-7.93
				100	0	19.50	21.99	30	-8.01
	132572	1770	64QAM	1	0	20.59	23.08	30	-6.92
				1	99	20.76	23.25	30	-6.75
				50	25	19.65	22.14	30	-7.86
				100	0	19.59	22.08	30	-7.92
20	132072	1720	256QAM	1	0	17.50	19.99	30	-10.01
				1	99	17.60	20.09	30	-9.91
				50	25	17.55	20.04	30	-9.96
				100	0	17.52	20.01	30	-9.99
	132322	1745	256QAM	1	0	17.46	19.95	30	-10.05
				1	99	17.52	20.01	30	-9.99
				50	25	17.53	20.02	30	-9.98
				100	0	17.48	19.97	30	-10.03
	132572	1770	256QAM	1	0	17.68	20.17	30	-9.83
				1	99	17.42	19.91	30	-10.09
				50	25	17.57	20.06	30	-9.94
				100	0	17.60	20.09	30	-9.91

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Antenna gain (dBi)		2.49							
LTE Band 70_Uplink frequency band : 1695 to 1710 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
5	132997	1697.5	QPSK	1	0	22.63	25.12	30	-4.88
				1	24	22.56	25.05	30	-4.95
				12	6	21.66	24.15	30	-5.85
				25	0	21.61	24.10	30	-5.9
	133047	1702.5	QPSK	1	0	22.58	25.07	30	-4.93
				1	24	22.56	25.05	30	-4.95
				12	6	21.50	23.99	30	-6.01
				25	0	21.55	24.04	30	-5.96
	133097	1707.5	QPSK	1	0	22.51	25.00	30	-5
				1	24	22.55	25.04	30	-4.96
				12	6	21.54	24.03	30	-5.97
				25	0	21.51	24.00	30	-6
5	132997	1697.5	16QAM	1	0	21.75	24.24	30	-5.76
				1	24	21.74	24.23	30	-5.77
				12	6	20.70	23.19	30	-6.81
				25	0	20.66	23.15	30	-6.85
	133047	1702.5	16QAM	1	0	21.71	24.20	30	-5.8
				1	24	21.65	24.14	30	-5.86
				12	6	20.64	23.13	30	-6.87
				25	0	20.60	23.09	30	-6.91
	133097	1707.5	16QAM	1	0	21.73	24.22	30	-5.78
				1	24	21.69	24.18	30	-5.82
				12	6	20.60	23.09	30	-6.91
				25	0	20.58	23.07	30	-6.93
5	132997	1697.5	64QAM	1	0	20.73	23.22	30	-6.78
				1	24	20.68	23.17	30	-6.83
				12	6	19.72	22.21	30	-7.79
				25	0	19.63	22.12	30	-7.88
	133047	1702.5	64QAM	1	0	20.72	23.21	30	-6.79
				1	24	20.61	23.10	30	-6.9
				12	6	19.62	22.11	30	-7.89
				25	0	19.54	22.03	30	-7.97
	133097	1707.5	64QAM	1	0	20.65	23.14	30	-6.86
				1	24	20.68	23.17	30	-6.83
				12	6	19.61	22.10	30	-7.9
				25	0	19.56	22.05	30	-7.95
5	132997	1697.5	256QAM	1	0	17.71	20.20	30	-9.8
				1	24	17.63	20.12	30	-9.88
				12	6	17.65	20.14	30	-9.86
				25	0	17.67	20.16	30	-9.84
	133047	1702.5	256QAM	1	0	17.63	20.12	30	-9.88
				1	24	17.70	20.19	30	-9.81
				12	6	17.63	20.12	30	-9.88
				25	0	17.51	20.00	30	-10
	133097	1707.5	256QAM	1	0	17.70	20.19	30	-9.81
				1	24	17.60	20.09	30	-9.91
				12	6	17.65	20.14	30	-9.86
				25	0	17.57	20.06	30	-9.94

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Antenna gain (dBi)		2.49							
LTE Band 70_Uplink frequency band : 1695 to 1710 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
10	133022	1700	QPSK	1	0	22.61	25.10	30	-4.9
				1	49	22.51	25.00	30	-5
				25	12	21.64	24.13	30	-5.87
				50	0	21.70	24.19	30	-5.81
	133047	1702.5	QPSK	1	0	22.54	25.03	30	-4.97
				1	49	22.51	25.00	30	-5
				25	12	21.62	24.11	30	-5.89
				50	0	21.59	24.08	30	-5.92
	133072	1705	QPSK	1	0	22.55	25.04	30	-4.96
				1	49	22.49	24.98	30	-5.02
				25	12	21.56	24.05	30	-5.95
				50	0	21.63	24.12	30	-5.88
10	133022	1700	16QAM	1	0	21.72	24.21	30	-5.79
				1	49	21.76	24.25	30	-5.75
				25	12	20.65	23.14	30	-6.86
				50	0	20.67	23.16	30	-6.84
	133047	1702.5	16QAM	1	0	21.73	24.22	30	-5.78
				1	49	21.80	24.29	30	-5.71
				25	12	20.57	23.06	30	-6.94
				50	0	20.64	23.13	30	-6.87
	133072	1705	16QAM	1	0	21.82	24.31	30	-5.69
				1	49	21.67	24.16	30	-5.84
				25	12	20.64	23.13	30	-6.87
				50	0	20.65	23.14	30	-6.86
10	133022	1700	64QAM	1	0	20.80	23.29	30	-6.71
				1	49	20.64	23.13	30	-6.87
				25	12	19.65	22.14	30	-7.86
				50	0	19.62	22.11	30	-7.89
	133047	1702.5	64QAM	1	0	20.62	23.11	30	-6.89
				1	49	20.76	23.25	30	-6.75
				25	12	19.63	22.12	30	-7.88
				50	0	19.58	22.07	30	-7.93
	133072	1705	64QAM	1	0	20.63	23.12	30	-6.88
				1	49	20.65	23.14	30	-6.86
				25	12	19.60	22.09	30	-7.91
				50	0	19.64	22.13	30	-7.87
10	133022	1700	256QAM	1	0	17.65	20.14	30	-9.86
				1	49	17.66	20.15	30	-9.85
				25	12	17.68	20.17	30	-9.83
				50	0	17.67	20.16	30	-9.84
	133047	1702.5	256QAM	1	0	17.54	20.03	30	-9.97
				1	49	17.57	20.06	30	-9.94
				25	12	17.63	20.12	30	-9.88
				50	0	17.60	20.09	30	-9.91
	133072	1705	256QAM	1	0	17.69	20.18	30	-9.82
				1	49	17.58	20.07	30	-9.93
				25	12	17.54	20.03	30	-9.97
				50	0	17.54	20.03	30	-9.97

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Antenna gain (dBi)		2.49							
LTE Band 70_Uplink frequency band : 1695 to 1710 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	EIRP Limit (dBm)	Margin (dB)
15	133047	1702.5	QPSK	1	0	22.55	25.04	30	-4.96
				1	74	22.40	24.89	30	-5.11
				36	18	21.62	24.11	30	-5.89
				75	0	21.55	24.04	30	-5.96
			16QAM	1	0	21.67	24.16	30	-5.84
				1	74	21.56	24.05	30	-5.95
				36	18	20.57	23.06	30	-6.94
				75	0	20.69	23.18	30	-6.82
			64QAM	1	0	20.66	23.15	30	-6.85
				1	74	20.79	23.28	30	-6.72
				36	18	19.54	22.03	30	-7.97
				75	0	19.65	22.14	30	-7.86
			256QAM	1	0	17.69	20.18	30	-9.82
				1	74	17.59	20.08	30	-9.92
				36	18	17.62	20.11	30	-9.89
				75	0	17.61	20.10	30	-9.9

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Antenna gain (dBi)		-0.16							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
5	133147	665.5	QPSK	1	0	22.74	22.58	20.43	34.77
				1	24	22.56	22.40	20.25	34.77
				12	6	21.69	21.53	19.38	34.77
				25	0	21.69	21.53	19.38	34.77
	133297	680.5	QPSK	1	0	22.63	22.47	20.32	34.77
				1	24	22.55	22.39	20.24	34.77
				12	6	21.58	21.42	19.27	34.77
				25	0	21.58	21.42	19.27	34.77
	133447	695.5	QPSK	1	0	22.65	22.49	20.34	34.77
				1	24	22.48	22.32	20.17	34.77
				12	6	21.68	21.52	19.37	34.77
				25	0	21.61	21.45	19.30	34.77
5	133147	665.5	16QAM	1	0	22.00	21.84	19.69	34.77
				1	24	21.80	21.64	19.49	34.77
				12	6	20.72	20.56	18.41	34.77
				25	0	20.67	20.51	18.36	34.77
	133297	680.5	16QAM	1	0	22.19	22.03	19.88	34.77
				1	24	22.03	21.87	19.72	34.77
				12	6	20.68	20.52	18.37	34.77
				25	0	20.64	20.48	18.33	34.77
	133447	695.5	16QAM	1	0	21.96	21.80	19.65	34.77
				1	24	21.77	21.61	19.46	34.77
				12	6	20.65	20.49	18.34	34.77
				25	0	20.58	20.42	18.27	34.77
5	133147	665.5	64QAM	1	0	20.93	20.77	18.62	34.77
				1	24	20.69	20.53	18.38	34.77
				12	6	19.73	19.57	17.42	34.77
				25	0	19.69	19.53	17.38	34.77
	133297	680.5	64QAM	1	0	20.88	20.72	18.57	34.77
				1	24	20.90	20.74	18.59	34.77
				12	6	19.61	19.45	17.30	34.77
				25	0	19.58	19.42	17.27	34.77
	133447	695.5	64QAM	1	0	20.66	20.50	18.35	34.77
				1	24	20.81	20.65	18.50	34.77
				12	6	19.69	19.53	17.38	34.77
				25	0	19.62	19.46	17.31	34.77
5	133147	665.5	256QAM	1	0	17.77	17.61	15.46	34.77
				1	24	17.81	17.65	15.50	34.77
				12	6	17.76	17.60	15.45	34.77
				25	0	17.70	17.54	15.39	34.77
	133297	680.5	256QAM	1	0	17.85	17.69	15.54	34.77
				1	24	17.81	17.65	15.50	34.77
				12	6	17.74	17.58	15.43	34.77
				25	0	17.60	17.44	15.29	34.77
	133447	695.5	256QAM	1	0	17.67	17.51	15.36	34.77
				1	24	17.63	17.47	15.32	34.77
				12	6	17.65	17.49	15.34	34.77
				25	0	17.56	17.40	15.25	34.77

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Antenna gain (dBi)		-0.16							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
10	133172	668	QPSK	1	0	22.61	22.45	20.30	34.77
				1	49	22.44	22.28	20.13	34.77
				25	12	21.71	21.55	19.40	34.77
				50	0	21.75	21.59	19.44	34.77
	133297	680.5	QPSK	1	0	22.73	22.57	20.42	34.77
				1	49	22.58	22.42	20.27	34.77
				25	12	21.58	21.42	19.27	34.77
				50	0	21.70	21.54	19.39	34.77
	133422	693	QPSK	1	0	22.51	22.35	20.20	34.77
				1	49	22.49	22.33	20.18	34.77
				25	12	21.57	21.41	19.26	34.77
				50	0	21.52	21.36	19.21	34.77
10	133172	668	16QAM	1	0	21.92	21.76	19.61	34.77
				1	49	21.67	21.51	19.36	34.77
				25	12	20.78	20.62	18.47	34.77
				50	0	20.72	20.56	18.41	34.77
	133297	680.5	16QAM	1	0	22.01	21.85	19.70	34.77
				1	49	21.93	21.77	19.62	34.77
				25	12	20.65	20.49	18.34	34.77
				50	0	20.58	20.42	18.27	34.77
	133422	693	16QAM	1	0	21.90	21.74	19.59	34.77
				1	49	21.84	21.68	19.53	34.77
				25	12	20.57	20.41	18.26	34.77
				50	0	20.49	20.33	18.18	34.77
10	133172	668	64QAM	1	0	20.98	20.82	18.67	34.77
				1	49	20.88	20.72	18.57	34.77
				25	12	19.52	19.36	17.21	34.77
				50	0	19.78	19.62	17.47	34.77
	133297	680.5	64QAM	1	0	20.85	20.69	18.54	34.77
				1	49	20.81	20.65	18.50	34.77
				25	12	19.70	19.54	17.39	34.77
				50	0	19.63	19.47	17.32	34.77
	133422	693	64QAM	1	0	20.79	20.63	18.48	34.77
				1	49	20.54	20.38	18.23	34.77
				25	12	19.68	19.52	17.37	34.77
				50	0	19.53	19.37	17.22	34.77
10	133172	668	256QAM	1	0	17.85	17.69	15.54	34.77
				1	49	17.68	17.52	15.37	34.77
				25	12	17.80	17.64	15.49	34.77
				50	0	17.76	17.60	15.45	34.77
	133297	680.5	256QAM	1	0	17.84	17.68	15.53	34.77
				1	49	17.69	17.53	15.38	34.77
				25	12	17.75	17.59	15.44	34.77
				50	0	17.70	17.54	15.39	34.77
	133422	693	256QAM	1	0	17.79	17.63	15.48	34.77
				1	49	17.30	17.14	14.99	34.77
				25	12	17.61	17.45	15.30	34.77
				50	0	17.56	17.40	15.25	34.77

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Antenna gain (dBi)		-0.16							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
15	133197	670.5	QPSK	1	0	22.68	22.52	20.37	34.77
				1	74	22.63	22.47	20.32	34.77
				36	18	21.72	21.56	19.41	34.77
				75	0	21.71	21.55	19.40	34.77
	133297	680.5	QPSK	1	0	22.60	22.44	20.29	34.77
				1	74	22.49	22.33	20.18	34.77
				36	18	21.59	21.43	19.28	34.77
				75	0	21.64	21.48	19.33	34.77
	133397	690.5	QPSK	1	0	22.46	22.30	20.15	34.77
				1	74	22.46	22.30	20.15	34.77
				36	18	21.54	21.38	19.23	34.77
				75	0	21.53	21.37	19.22	34.77
15	133197	670.5	16QAM	1	0	21.88	21.72	19.57	34.77
				1	74	21.68	21.52	19.37	34.77
				36	18	20.71	20.55	18.40	34.77
				75	0	20.75	20.59	18.44	34.77
	133297	680.5	16QAM	1	0	21.88	21.72	19.57	34.77
				1	74	21.64	21.48	19.33	34.77
				36	18	20.64	20.48	18.33	34.77
				75	0	20.57	20.41	18.26	34.77
	133397	690.5	16QAM	1	0	21.96	21.80	19.65	34.77
				1	74	21.58	21.42	19.27	34.77
				36	18	20.71	20.55	18.40	34.77
				75	0	20.60	20.44	18.29	34.77
15	133197	670.5	64QAM	1	0	20.77	20.61	18.46	34.77
				1	74	20.82	20.66	18.51	34.77
				36	18	19.58	19.42	17.27	34.77
				75	0	19.71	19.55	17.40	34.77
	133297	680.5	64QAM	1	0	20.91	20.75	18.60	34.77
				1	74	20.64	20.48	18.33	34.77
				36	18	19.56	19.40	17.25	34.77
				75	0	19.55	19.39	17.24	34.77
	133397	690.5	64QAM	1	0	21.02	20.86	18.71	34.77
				1	74	20.71	20.55	18.40	34.77
				36	18	19.55	19.39	17.24	34.77
				75	0	19.57	19.41	17.26	34.77
15	133197	670.5	256QAM	1	0	17.81	17.65	15.50	34.77
				1	74	17.72	17.56	15.41	34.77
				36	18	17.74	17.58	15.43	34.77
				75	0	17.69	17.53	15.38	34.77
	133297	680.5	256QAM	1	0	17.85	17.69	15.54	34.77
				1	74	17.66	17.50	15.35	34.77
				36	18	17.66	17.50	15.35	34.77
				75	0	17.72	17.56	15.41	34.77
	133397	690.5	256QAM	1	0	17.84	17.68	15.53	34.77
				1	74	17.55	17.39	15.24	34.77
				36	18	17.70	17.54	15.39	34.77
				75	0	17.60	17.44	15.29	34.77

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Antenna gain (dBi)		-0.16							
LTE Band 71_Uplink frequency band : 663 to 698 MHz									
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)
20	133222	673	QPSK	1	0	22.71	22.55	20.40	34.77
				1	99	22.40	22.24	20.09	34.77
				50	25	21.66	21.50	19.35	34.77
				100	0	21.76	21.60	19.45	34.77
	133297	680.5	QPSK	1	0	22.94	22.78	20.63	34.77
				1	99	22.47	22.31	20.16	34.77
				50	25	21.63	21.47	19.32	34.77
				100	0	21.63	21.47	19.32	34.77
	133372	688	QPSK	1	0	22.66	22.50	20.35	34.77
				1	99	22.48	22.32	20.17	34.77
				50	25	21.75	21.59	19.44	34.77
				100	0	21.54	21.38	19.23	34.77
20	133222	673	16QAM	1	0	21.94	21.78	19.63	34.77
				1	99	21.56	21.40	19.25	34.77
				50	25	20.63	20.47	18.32	34.77
				100	0	20.72	20.56	18.41	34.77
	133297	680.5	16QAM	1	0	22.12	21.96	19.81	34.77
				1	99	21.87	21.71	19.56	34.77
				50	25	20.69	20.53	18.38	34.77
				100	0	20.58	20.42	18.27	34.77
	133372	688	16QAM	1	0	21.68	21.52	19.37	34.77
				1	99	21.76	21.60	19.45	34.77
				50	25	20.54	20.38	18.23	34.77
				100	0	20.52	20.36	18.21	34.77
20	133222	673	64QAM	1	0	20.78	20.62	18.47	34.77
				1	99	20.64	20.48	18.33	34.77
				50	25	19.69	19.53	17.38	34.77
				100	0	19.70	19.54	17.39	34.77
	133297	680.5	64QAM	1	0	20.77	20.61	18.46	34.77
				1	99	20.66	20.50	18.35	34.77
				50	25	19.59	19.43	17.28	34.77
				100	0	19.59	19.43	17.28	34.77
	133372	688	64QAM	1	0	20.75	20.59	18.44	34.77
				1	99	20.58	20.42	18.27	34.77
				50	25	19.58	19.42	17.27	34.77
				100	0	19.50	19.34	17.19	34.77
20	133222	673	256QAM	1	0	17.86	17.70	15.55	34.77
				1	99	17.47	17.31	15.16	34.77
				50	25	17.73	17.57	15.42	34.77
				100	0	17.75	17.59	15.44	34.77
	133297	680.5	256QAM	1	0	17.85	17.69	15.54	34.77
				1	99	17.50	17.34	15.19	34.77
				50	25	17.68	17.52	15.37	34.77
				100	0	17.69	17.53	15.38	34.77
	133372	688	256QAM	1	0	17.77	17.61	15.46	34.77
				1	99	17.43	17.27	15.12	34.77
				50	25	17.61	17.45	15.30	34.77
				100	0	17.60	17.44	15.29	34.77

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Antenna gain (dBi)		0.28								
LTE Band 106_Uplink frequency band : 897.5 to 900.5 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
1.4	134314	898.2	QPSK	1	0	22.14	22.42	20.27	34.77	-14.50
				1	5	22.13	22.41	20.26	34.77	-14.51
				3	2	22.13	22.41	20.26	34.77	-14.51
				6	0	21.23	21.51	19.36	34.77	-15.41
	134322	899	QPSK	1	0	22.17	22.45	20.30	34.77	-14.47
				1	5	22.13	22.41	20.26	34.77	-14.51
				3	2	22.09	22.37	20.22	34.77	-14.55
				6	0	21.12	21.40	19.25	34.77	-15.52
	134330	899.8	QPSK	1	0	22.22	22.50	20.35	34.77	-14.42
				1	5	22.19	22.47	20.32	34.77	-14.45
				3	2	22.14	22.42	20.27	34.77	-14.50
				6	0	21.21	21.49	19.34	34.77	-15.43
1.4	134314	898.2	16QAM	1	0	21.18	21.46	19.31	34.77	-15.46
				1	5	21.36	21.64	19.49	34.77	-15.28
				3	2	21.25	21.53	19.38	34.77	-15.39
				6	0	20.27	20.55	18.40	34.77	-16.37
	134322	899	16QAM	1	0	21.19	21.47	19.32	34.77	-15.45
				1	5	21.17	21.45	19.30	34.77	-15.47
				3	2	21.28	21.56	19.41	34.77	-15.36
				6	0	20.22	20.50	18.35	34.77	-16.42
	134330	899.8	16QAM	1	0	21.38	21.66	19.51	34.77	-15.26
				1	5	21.36	21.64	19.49	34.77	-15.28
				3	2	21.18	21.46	19.31	34.77	-15.46
				6	0	20.23	20.51	18.36	34.77	-16.41
1.4	134314	898.2	64QAM	1	0	20.15	20.43	18.28	34.77	-16.49
				1	5	20.22	20.50	18.35	34.77	-16.42
				3	2	20.35	20.63	18.48	34.77	-16.29
				6	0	19.18	19.46	17.31	34.77	-17.46
	134322	899	64QAM	1	0	20.02	20.30	18.15	34.77	-16.62
				1	5	20.03	20.31	18.16	34.77	-16.61
				3	2	20.30	20.58	18.43	34.77	-16.34
				6	0	19.16	19.44	17.29	34.77	-17.48
	134330	899.8	64QAM	1	0	20.36	20.64	18.49	34.77	-16.28
				1	5	20.08	20.36	18.21	34.77	-16.56
				3	2	20.25	20.53	18.38	34.77	-16.39
				6	0	19.25	19.53	17.38	34.77	-17.39
1.4	134314	898.2	256QAM	1	0	17.19	17.47	15.32	34.77	-19.45
				1	5	17.22	17.50	15.35	34.77	-19.42
				3	2	17.20	17.48	15.33	34.77	-19.44
				6	0	17.16	17.44	15.29	34.77	-19.48
	134322	899	256QAM	1	0	17.36	17.64	15.49	34.77	-19.28
				1	5	17.12	17.40	15.25	34.77	-19.52
				3	2	17.25	17.53	15.38	34.77	-19.39
				6	0	17.17	17.45	15.30	34.77	-19.47
	134330	899.8	256QAM	1	0	17.11	17.39	15.24	34.77	-19.53
				1	5	17.10	17.38	15.23	34.77	-19.54
				3	2	17.16	17.44	15.29	34.77	-19.48
				6	0	17.22	17.50	15.35	34.77	-19.42

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Antenna gain (dBi)		0.28								
LTE Band 106_Uplink frequency band : 897.5 to 900.5 MHz										
BW (MHz)	UL Channel	Frequency (MHz)	Modulation	RB Size	RB Offset	Conducted Average (dBm)	EIRP Average (dBm)	ERP Average (dBm)	ERP Limit (dBm)	Margin (dB)
3	134322	899	QPSK	1	0	22.26	22.54	20.39	34.77	-14.38
				1	14	22.13	22.41	20.26	34.77	-14.51
				8	4	21.57	21.85	19.70	34.77	-15.07
				15	0	21.19	21.47	19.32	34.77	-15.45
3	134322	899	16QAM	1	0	21.46	21.74	19.59	34.77	-15.18
				1	14	21.09	21.37	19.22	34.77	-15.55
				8	4	20.55	20.83	18.68	34.77	-16.09
				15	0	20.24	20.52	18.37	34.77	-16.40
3	134322	899	64QAM	1	0	20.22	20.50	18.35	34.77	-16.42
				1	14	20.05	20.33	18.18	34.77	-16.59
				8	4	19.68	19.96	17.81	34.77	-16.96
				15	0	19.22	19.50	17.35	34.77	-17.42
3	134322	899	256QAM	1	0	17.33	17.61	15.46	34.77	-19.31
				1	14	17.26	17.54	15.39	34.77	-19.38
				8	4	17.26	17.54	15.39	34.77	-19.38
				15	0	17.23	17.51	15.36	34.77	-19.41

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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2 OCCUPIED BANDWIDTH MEASUREMENT

LTE BAND 2 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1850.7	18607	1.0904	1.0925	1.0889	1.0873	1.313	1.322	1.314	1.306
1880.0	18900	1.0935	1.0923	1.0905	1.0917	1.325	1.353	1.323	1.323
1909.3	19193	1.0895	1.0950	1.0930	1.0951	1.312	1.353	1.338	1.296

LTE BAND 2 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1852.5	18625	4.5026	4.5020	4.4957	4.4969	5.034	5.062	5.125	5.073
1880.0	18900	4.4973	4.4907	4.4908	4.4926	5.043	5.096	5.115	5.021
1907.5	19175	4.4944	4.5025	4.5012	4.4843	5.157	5.093	5.044	5.116

LTE BAND 2 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1857.5	18675	13.4310	13.4530	13.4570	13.4740	14.720	14.750	14.850	14.620
1880.0	18900	13.4700	13.4440	13.4550	13.4840	14.800	14.820	14.670	14.750
1902.5	19125	13.4340	13.4720	13.4300	13.4370	14.830	14.630	14.700	14.600

LTE BAND 4 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1710.7	19957	1.0899	1.0929	1.0938	1.0943	1.309	1.333	1.314	1.296
1732.5	20175	1.0911	1.0967	1.0964	1.0922	1.335	1.327	1.328	1.301
1754.3	20393	1.0910	1.0939	1.0926	1.0921	1.329	1.333	1.329	1.340

LTE BAND 4 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1712.5	19975	4.5012	4.5043	4.5006	4.4844	5.105	5.026	5.121	5.069
1732.5	20175	4.4960	4.4906	4.5038	4.4934	5.054	5.061	5.078	5.018
1752.5	20375	4.4968	4.5048	4.5020	4.4976	5.020	5.017	5.035	5.090

LTE BAND 4 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1717.5	20025	13.4370	13.4370	13.4280	13.4550	14.700	14.680	14.860	14.680
1732.5	20175	13.4490	13.4630	13.4270	13.4570	14.790	14.840	14.790	14.640
1747.5	20325	13.4470	13.4480	13.4530	13.4780	14.710	14.840	14.710	14.650

LTE BAND 5 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
824.7	20407	1.0920	1.0898	1.0883	1.0885	1.335	1.331	1.304	1.332
836.5	20525	1.0926	1.0891	1.0896	1.0904	1.323	1.323	1.337	1.346
848.3	20643	1.0922	1.0913	1.0889	1.0889	1.334	1.339	1.327	1.299

LTE BAND 5 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
826.5	20425	4.4837	4.4955	4.4901	4.4917	5.098	5.032	5.127	5.068
836.5	20525	4.4893	4.4867	4.4871	4.4867	5.067	5.021	5.045	5.058
846.5	20625	4.4906	4.4937	4.4929	4.4928	5.079	5.068	5.070	5.041

LTE BAND 7 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2502.5	20775	4.5050	4.5037	4.4983	4.4945	5.068	5.082	5.092	5.046
2535.0	21100	4.5076	4.5089	4.5063	4.4971	5.074	5.137	5.088	5.111
2567.5	21425	4.5035	4.5062	4.5041	4.5002	5.052	5.114	5.071	5.066

LTE BAND 7 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2507.5	20825	13.4590	13.4570	13.4660	13.4400	14.700	14.760	14.650	14.780
2535.0	21100	13.4760	13.4550	13.4780	13.4700	14.820	14.890	14.640	14.710
2562.5	21375	13.4330	13.4500	13.4320	13.4530	14.800	14.680	14.790	14.550

LTE BAND 2 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1851.5	18615	2.6972	2.7010	2.7050	2.6964	3.016	3.032	3.024	3.004
1880.0	18900	2.6998	2.6977	2.7028	2.6972	3.036	3.020	3.015	3.015
1908.5	19185	2.6980	2.6971	2.6965	2.6941	3.039	3.025	3.008	3.024

LTE BAND 2 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1855.0	18650	8.9591	8.9828	8.9883	8.9817	9.954	10.020	9.934	9.855
1880.0	18900	8.9957	8.9905	8.9879	8.9702	9.894	9.945	9.872	9.865
1905.0	19150	8.9793	8.9879	8.9889	9.0004	10.000	9.970	9.902	9.967

LTE BAND 2 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1860.0	18700	17.9050	17.9060	17.9230	17.9060	19.430	19.610	19.460	19.470
1880.0	18900	17.8980	17.9430	17.9170	17.9730	19.600	19.500	19.570	19.680
1900.0	19100	17.9020	17.9260	17.9320	17.8960	19.460	19.460	19.400	19.650

LTE BAND 4 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1711.5	19965	2.6955	2.6976	2.6981	2.7023	3.008	3.031	3.006	3.045
1732.5	20175	2.6974	2.6988	2.6999	2.6957	3.022	3.030	2.996	3.030
1753.5	20385	2.6959	2.6952	2.6954	2.6987	2.975	3.082	3.032	3.014

LTE BAND 4 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1715.0	20000	8.9906	9.0105	8.9783	8.9583	9.861	10.030	9.957	9.900
1732.5	20175	8.9817	8.9840	8.9932	8.9799	9.995	9.991	9.987	9.843
1750.0	20350	8.9819	8.9909	8.9915	8.9724	9.888	9.883	9.964	9.923

LTE BAND 4 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1720.0	20050	17.9360	17.8930	17.9030	17.9650	19.550	19.420	19.580	19.570
1732.5	20175	17.9220	17.9250	17.9310	17.9820	19.590	19.580	19.480	19.500
1745.0	20300	17.9270	17.9450	17.9740	17.9350	19.440	19.510	19.460	19.650

LTE BAND 5 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
825.5	20415	2.6885	2.6930	2.6947	2.6948	2.998	3.023	3.031	3.011
836.5	20525	2.6943	2.6934	2.6978	2.6998	3.014	2.997	3.001	3.035
847.5	20635	2.6942	2.6980	2.6985	2.6969	3.006	3.054	3.018	3.008

LTE BAND 12 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
699.7	23017	1.0939	1.0889	1.0896	1.0908	1.315	1.327	1.321	1.320
707.5	23095	1.0885	1.0960	1.0921	1.0893	1.296	1.360	1.328	1.314
715.3	23173	1.0938	1.0943	1.0944	1.0901	1.318	1.345	1.309	1.321

LTE BAND 12 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
701.5	23035	4.5063	4.5012	4.4913	4.5047	5.096	5.104	5.103	4.997
707.5	23095	4.4993	4.4860	4.4836	4.5026	5.094	5.036	5.084	5.005
713.5	23155	4.4888	4.4873	4.4865	4.4889	5.077	5.023	5.056	5.024

LTE BAND 13 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
779.5	23205	4.4919	4.4957	4.4861	4.4852	5.036	5.075	5.067	5.044
782.0	23230	4.5013	4.5030	4.4896	4.4759	5.037	5.065	5.043	5.126
784.5	23255	4.4951	4.4915	4.4896	4.4823	5.015	5.072	5.038	5.023

LTE BAND 14 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
790.5	23305	4.4981	4.4958	4.4867	4.4916	4.996	5.007	5.013	5.034
793.0	23330	4.4909	4.4929	4.4845	4.4925	5.003	5.001	4.975	5.021
795.5	23355	4.5056	4.5053	4.5162	4.5153	5.039	5.067	5.193	5.064

LTE BAND 17 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
706.5	23755	4.4989	4.5011	4.5046	4.4905	5.032	5.028	5.112	5.048
710.0	23790	4.5014	4.4959	4.4902	4.4964	5.008	5.093	5.023	5.075
713.5	23825	4.5021	4.4830	4.4963	4.4793	5.070	5.060	5.089	5.045

LTE BAND 25 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1850.7	26047	1.0896	1.0966	1.0914	1.0906	1.336	1.336	1.346	1.334
1882.5	26365	1.0921	1.0947	1.0908	1.0915	1.353	1.342	1.308	1.305
1914.3	26683	1.0892	1.0935	1.0900	1.0919	1.332	1.361	1.331	1.324

LTE BAND 25 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1852.5	28065	4.5045	4.4942	4.4998	4.4904	5.079	5.068	5.131	5.047
1882.5	26365	4.5078	4.4980	4.4943	4.4943	5.078	5.031	5.035	5.100
1912.5	26665	4.5001	4.4962	4.5019	4.4940	5.023	5.041	5.142	5.028

LTE BAND 25 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1857.5	26115	13.4410	13.4520	13.4330	13.4240	14.710	14.670	14.800	14.660
1882.5	26365	13.4710	13.4540	13.4580	13.4690	14.730	14.770	14.730	14.690
1907.5	26615	13.4760	13.4290	13.4560	13.4340	14.720	14.660	14.620	14.630

LTE BAND 26 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
824.7	26797	1.0909	1.0950	1.0905	1.0856	1.317	1.332	1.327	1.296
836.5	26915	1.0927	1.0951	1.0911	1.0904	1.310	1.366	1.330	1.317
848.3	27033	1.0892	1.0923	1.0914	1.0893	1.327	1.345	1.292	1.312

LTE BAND 26 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
826.5	26815	4.4945	4.4913	4.4960	4.5055	5.067	5.033	5.150	5.064
836.5	26915	4.4994	4.4938	4.4974	4.4676	5.098	5.060	5.068	4.972
846.5	27015	4.4945	4.5001	4.4988	4.4990	5.093	5.133	5.042	5.069

LTE BAND 26 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
831.5	26865	13.4830	13.4490	13.4370	13.4450	14.800	14.770	14.700	14.580
836.5	26915	13.4310	13.4100	13.4230	13.4140	14.850	14.760	14.600	14.620
841.5	26965	13.4660	13.4580	13.4420	13.4580	14.690	14.790	14.710	14.770

LTE BAND 12 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
700.5	23025	2.6983	2.6998	2.6967	2.6936	3.007	3.063	2.988	3.012
707.5	23095	2.6988	2.7021	2.6970	2.6947	3.015	3.040	2.994	3.043
714.5	23165	2.6996	2.7016	2.6977	2.6955	3.017	3.044	3.001	3.013

LTE BAND 12 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
704.0	23060	9.0001	8.9996	9.0075	8.9957	9.884	9.986	9.938	9.961
707.5	23095	9.0022	8.9970	9.9985	8.9844	8.963	8.877	8.785	8.849
711.0	23130	8.9532	8.9425	8.9398	8.9261	9.764	8.818	9.691	9.726

LTE BAND 13 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
782.0	23230	8.9528	8.9759	8.9563	8.9593	8.960	9.839	9.896	9.792

LTE BAND 14 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
793.0	23330	8.9840	8.9928	8.9653	8.9876	9.929	9.890	9.855	9.909

LTE BAND 17 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
709.0	23780	8.9672	8.9898	8.9640	8.9644	9.920	8.895	9.926	9.877
710.0	23790	8.9469	8.9432	8.9506	8.9497	9.859	8.824	8.897	8.959
711.0	23800	8.9399	8.9770	8.9571	8.9613	9.933	8.844	8.975	8.798

LTE BAND 25 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1851.5	26055	2.6954	2.7016	2.7000	2.7001	3.042	3.033	3.034	3.035
1882.5	26365	2.6949	2.6935	2.6971	2.7005	3.006	3.001	3.021	2.995
1913.5	26675	2.6984	2.6961	2.6956	2.7038	3.035	2.998	3.021	3.027

LTE BAND 25 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1855.0	26090	8.9713	8.9808	8.9878	8.9803	9.954	10.010	10.000	9.854
1882.5	26365	8.9837	8.9826	9.0019	8.9947	9.879	9.892	9.947	9.935
1910.0	26640	8.9801	8.9879	8.9727	8.9945	9.901	9.949	9.916	9.976

LTE BAND 25 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1860.0	26140	17.9070	17.9490	17.9030	17.9110	19.550	19.590	19.390	19.550
1882.5	26365	17.9300	17.9620	17.9330	17.9550	19.470	19.590	19.630	19.680
1905.0	26590	17.9420	17.9380	17.9210	17.9160	19.730	19.530	19.530	19.400

LTE BAND 26 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
825.5	26805	2.6988	2.6963	2.6970	2.6952	3.026	2.980	3.043	3.003
836.5	26915	2.6898	2.6966	2.7003	2.6719	2.998	2.986	3.019	2.890
847.5	27025	2.7024	2.6950	2.6963	2.6978	3.045	2.988	2.999	2.951

LTE BAND 26 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
829.0	26840	8.9810	8.9791	9.0065	8.9964	9.990	10.050	9.947	9.887
836.5	26915	8.9643	8.9821	8.9804	8.9554	9.950	9.996	9.824	9.760
844.0	26990	8.9669	8.9845	9.0055	8.9884	9.988	9.931	10.010	10.054

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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LTE BAND 26 for part 90S Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
814.7	26697	1.0894	1.0935	1.0900	1.0909	1.297	1.332	1.288	1.323
819.0	26740	1.0946	1.0945	1.0917	1.0864	1.339	1.338	1.330	1.289
823.3	26783	1.0950	1.0901	1.0926	1.0914	1.349	1.354	1.328	1.323
LTE BAND 26 for part 90S Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
816.5	26715	4.5054	4.4875	4.4957	4.4834	5.083	5.057	5.098	5.059
819.0	26740	4.4903	4.4883	4.5024	4.4986	5.043	5.050	5.055	5.079
821.5	26765	4.4871	4.4917	4.4933	4.4890	5.008	5.046	5.024	5.086
LTE BAND 30 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2307.5	27685	4.4879	4.4935	4.4943	4.4740	5.046	5.045	5.028	5.035
2310.0	27710	4.4970	4.5026	4.4989	4.5003	5.058	4.996	5.118	5.085
2312.5	27735	4.5089	4.4894	4.4972	4.4991	5.126	5.078	5.074	5.090
LTE BAND 38 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2572.5	37775	4.4927	4.4982	4.5064	4.4954	5.162	5.175	5.058	5.026
2595.0	38000	4.4917	4.5188	4.4931	4.5038	5.069	5.108	5.093	5.226
2617.5	38225	4.5074	4.4994	4.5027	4.5013	5.129	5.148	5.050	5.007
LTE BAND 38 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2577.5	37825	13.4410	13.4750	13.4830	13.4660	15.020	14.760	14.790	15.370
2595.0	38000	13.4460	13.4300	13.4430	13.4570	15.550	14.790	14.820	14.710
2612.5	38175	13.4640	13.4530	13.4630	13.4440	16.070	14.730	14.490	14.830
LTE BAND 41 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2498.5	39675	4.4955	4.4863	4.4871	4.4903	5.065	5.039	5.055	5.001
2593.0	40620	4.4933	4.4969	4.4917	4.4922	5.322	5.493	5.328	5.103
2687.5	41565	4.4922	4.4906	4.4916	4.5053	5.187	5.026	4.995	5.059
LTE BAND 41 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2503.5	39725	13.4750	13.4470	13.4710	13.4840	14.610	14.910	14.700	14.620
2593.0	40620	13.4550	13.4250	13.4690	13.4880	14.780	15.480	15.050	15.010
2682.5	41515	13.4500	13.4220	13.4500	13.4420	15.090	14.680	15.680	14.830
LTE BAND 42-Par27 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3452.5	42115	4.5011	4.4892	4.4975	4.4955	5.484	5.119	5.056	5.114
3500.0	42590	4.4881	4.5004	4.4901	4.4881	5.043	5.305	5.035	5.026
3547.5	43065	4.5126	4.4922	4.4951	4.5015	5.173	5.209	5.024	5.062
LTE BAND 42-Par27 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3457.5	42165	13.4620	13.4180	13.4720	13.4670	15.240	14.700	15.130	14.800
3500.0	42590	13.4780	13.4600	13.4060	13.4540	15.140	15.040	15.220	14.870
3542.5	43015	13.4400	13.4330	13.4580	13.4530	15.370	14.640	14.580	14.600
LTE BAND 43-Par27 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3702.5	44615	4.4879	4.5068	4.4653	4.5011	5.033	4.928	4.763	4.982
3750.0	45090	4.4532	4.4594	4.4615	4.4511	4.771	4.952	5.002	4.865
3797.5	45565	4.4782	4.5154	4.4864	4.4952	4.895	4.924	4.821	4.890
LTE BAND 43-Par27 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3707.5	44665	13.4100	13.4300	13.3850	13.4220	14.530	14.120	13.990	14.100
3750.0	45090	13.4760	13.3740	13.4120	13.4200	14.240	14.110	14.120	14.270
3792.5	45515	13.4290	13.4390	13.3790	13.4900	14.270	14.600	14.070	13.950

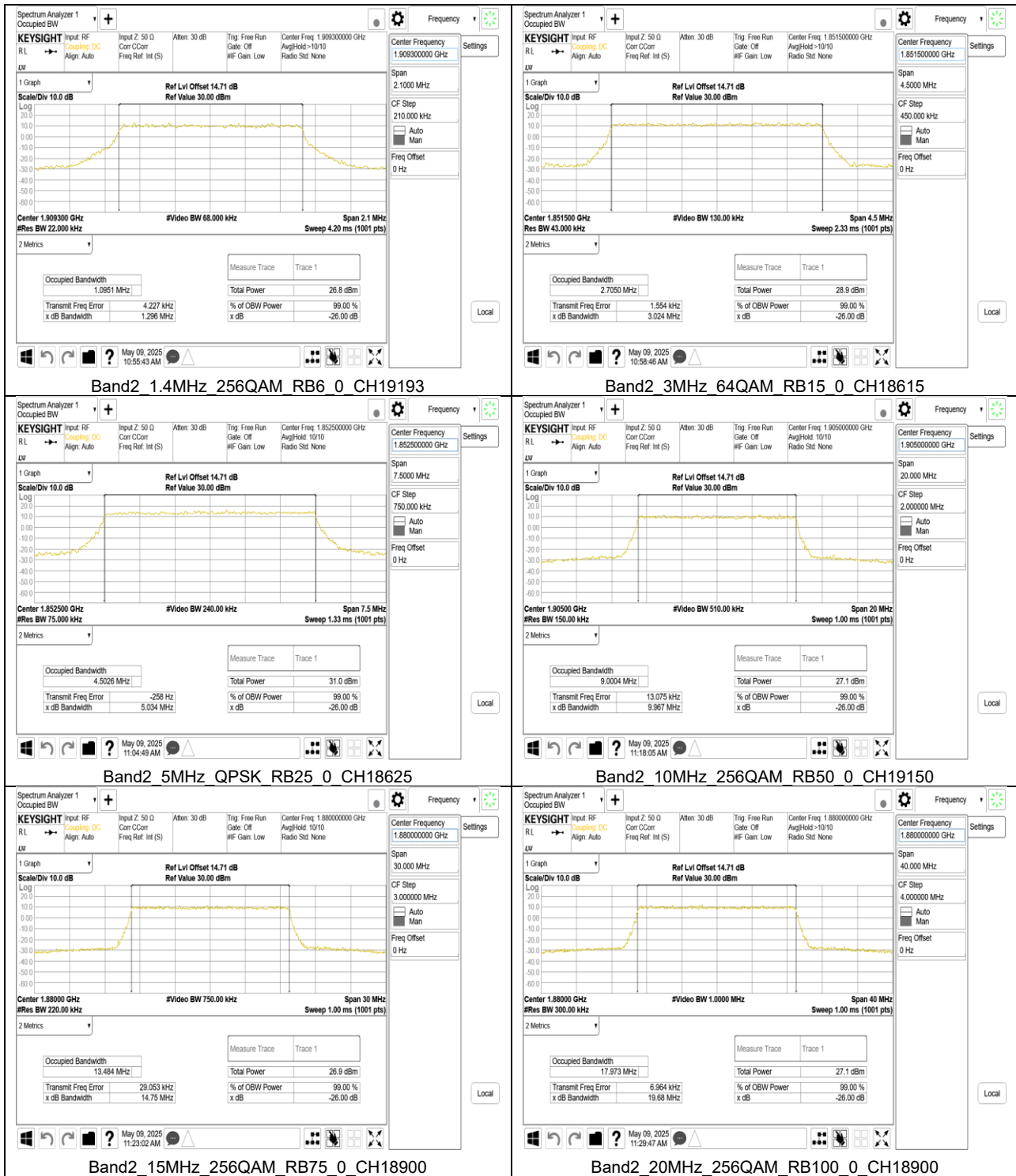
LTE BAND 26 for part 90S Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
815.5	26705	2.6959	2.6919	2.6991	2.6859	3.036	3.014	3.026	2.924
819.0	26740	2.6951	2.6927	2.6951	2.6972	3.011	2.989	2.991	3.013
822.5	26775	2.6987	2.6983	2.6980	2.6992	3.040	3.024	3.024	3.018
LTE BAND 26 for part 90S Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
819.0	26740	8.9440	8.9641	8.9345	8.9700	9.873	9.924	9.824	9.793
LTE BAND 30 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2310.0	27710	8.9633	8.9863	8.9899	8.9778	9.868	9.877	9.904	9.817
LTE BAND 38 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2575.0	37800	8.9757	8.9892	8.9892	8.9969	10.580	10.420	10.580	10.120
2595.0	38000	8.9684	8.9923	8.9879	9.0038	10.100	9.996	10.950	9.768
2615.0	38200	8.9860	9.0043	8.9982	9.0025	9.844	10.080	10.370	9.919
LTE BAND 38 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2580.0	37850	17.9300	17.9030	17.9180	17.9160	19.880	19.550	19.660	19.600
2595.0	38000	17.9080	17.9030	17.9310	17.9140	19.570	19.630	19.600	19.720
2610.0	38150	17.9340	17.9520	17.9330	17.9400	19.780	19.400	19.460	19.700
LTE BAND 41 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2501.0	39700	8.9728	8.9648	8.9711	8.9725	10.210	9.984	10.170	10.150
2593.0	40620	8.9874	8.9744	8.9736	8.9762	10.070	9.934	10.130	10.240
2685.0	41540	8.9823	9.0110	8.9886	9.0054	9.966	9.827	10.150	10.620
LTE BAND 41 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
2506.0	39750	17.9070	17.9330	17.9490	17.9050	19.870	20.110	19.550	20.110
2593.0	40620	17.9330	17.9210	17.9280	17.9340	20.550	19.620	19.430	20.660
2680.0	41490	17.9340	17.9190	17.9350	17.9390	20.200	19.560	19.480	19.440
LTE BAND 42-Part27 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3455.0	42140	8.9956	8.9948	8.9729	8.9721	9.961	10.000	10.050	10.050
3500.0	42590	8.9842	8.9824	8.9788	8.9553	9.912	9.984	10.480	10.260
3545.0	43040	8.9806	8.9984	8.9660	8.9682	10.140	10.190	10.450	9.931
LTE BAND 42-Part27 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3460.0	42190	17.9170	17.9140	17.9110	17.9290	19.350	19.440	19.410	19.490
3500.0	42590	17.9310	17.9080	17.9660	17.9190	19.540	19.580	19.760	19.600
3540.0	42990	17.9200	17.8870	17.9320	17.8940	19.590	19.430	19.780	19.430
LTE BAND 43-Part27 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3705.0	44640	8.8938	8.9678	8.9058	8.9802	9.596	9.879	9.452	9.771
3750.0	45090	8.9589	8.9679	8.9633	8.9652	9.589	9.696	9.593	9.517
3795.0	45540	8.9453	9.0087	8.9920	8.9013	10.180	11.030	9.408	9.379
LTE BAND 43-Part27 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
3710.0	44690	17.8320	17.8280	17.8770	17.8750	19.010	18.820	18.790	18.640
3750.0	45090	17.8240	17.8240	17.7830	17.7860	18.620	19.250	19.280	19.150
3790.0	45490	17.8600	17.7880	17.9200	17.9360	18.650	18.640	19.380	19.120

LTE BAND 66 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1710.7	131979	1.0921	1.0953	1.0926	1.0910	1.336	1.356	1.323	1.320
1745.0	132322	1.0930	1.0932	1.0926	1.0902	1.317	1.343	1.331	1.351
1779.3	132665	1.0916	1.0962	1.0920	1.0932	1.342	1.353	1.342	1.330
LTE BAND 66 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1712.5	131997	4.5014	4.4975	4.4943	4.4973	5.085	5.109	5.054	5.007
1745.0	132322	4.4971	4.5025	4.4999	4.5049	5.132	5.041	5.080	5.082
1777.5	132647	4.4969	4.5106	4.4966	4.5005	5.033	5.033	5.082	5.059
LTE BAND 66 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1717.5	132047	13.4810	13.4300	13.4700	13.4390	14.900	14.670	14.610	14.710
1745.0	132322	13.4670	13.4720	13.4640	13.4530	14.670	14.720	14.740	14.640
1772.5	132597	13.4450	13.4870	13.4520	13.4720	14.850	14.800	14.720	14.620
LTE BAND 70 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1697.5	132997	4.4937	4.4974	4.4899	4.4852	5.050	5.045	5.039	5.043
1702.5	133047	4.5062	4.5005	4.4993	4.4924	5.053	5.092	5.109	5.042
1707.5	133097	4.5031	4.5042	4.5043	4.4913	5.030	5.080	5.109	4.995
LTE BAND 70 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1702.5	133047	13.4520	13.4540	13.4500	13.4630	14.560	14.750	14.630	14.630
LTE BAND 71 Channel bandwidth: 5MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
665.5	133147	4.4976	4.4920	4.5011	4.4891	5.068	5.021	5.032	5.048
680.5	133297	4.4982	4.4969	4.4903	4.4962	5.064	5.104	5.098	4.996
695.5	133447	4.4916	4.4907	4.4963	4.4846	5.081	5.076	5.063	5.064
LTE BAND 71 Channel bandwidth: 15MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
670.5	133197	13.4260	13.4450	13.4230	13.4190	14.690	14.720	14.670	14.610
680.5	133297	13.4260	13.4260	13.3750	13.4130	14.680	14.620	14.450	14.630
690.5	133397	13.4510	13.4500	13.4470	13.4890	14.790	14.750	14.740	14.630
LTE BAND 106 Channel bandwidth: 1.4MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
898.2	134314	1.0928	1.0962	1.0931	1.0932	1.284	1.343	1.335	1.308
899.0	134322	1.0925	1.0944	1.0934	1.0933	1.330	1.343	1.320	1.317
899.8	134330	1.0892	1.0972	1.0958	1.0679	1.346	1.354	1.311	1.149
LTE BAND 66 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1711.5	131987	2.6920	2.7000	2.6967	2.7069	3.048	3.019	3.055	3.043
1745.0	132322	2.6959	2.6998	2.6946	2.6974	3.009	2.992	3.007	2.993
1778.5	132657	2.6939	2.6989	2.7021	2.6933	3.014	3.012	3.031	2.996
LTE BAND 66 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1715.0	132022	8.9837	9.0066	8.9803	8.9927	9.870	9.944	9.852	9.789
1745.0	132322	9.0107	8.9735	8.9882	8.9916	9.906	9.984	9.987	9.820
1775.0	132622	8.9931	9.0411	8.9776	8.9900	9.977	9.961	10.050	9.947
LTE BAND 66 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1720.0	132072	17.9010	17.9270	17.9260	17.8900	19.550	19.560	19.680	19.610
1745.0	132322	17.9490	17.9440	17.9500	17.9670	19.600	19.530	19.570	19.910
1770.0	132572	17.9180	17.9690	17.9610	17.9560	19.550	19.590	19.390	19.530
LTE BAND 70 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
1700.0	133022	8.9830	8.9816	8.9738	8.9836	9.799	9.966	9.867	9.869
1702.5	133047	8.9805	8.9943	8.9649	8.9777	9.925	9.866	9.838	9.811
1705.0	133072	9.0131	9.0026	9.0031	8.9910	9.880	9.900	9.946	9.853
LTE BAND 71 Channel bandwidth: 10MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
668.0	133172	8.9744	8.9747	8.9717	8.9581	10.070	9.917	9.900	9.866
680.5	133297	8.9843	8.9727	8.9853	8.9694	9.834	9.889	9.921	9.819
693.0	133422	8.9636	9.0069	8.9733	8.9768	9.964	9.855	9.884	9.864
LTE BAND 71 Channel bandwidth: 20MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
673.0	133222	17.9560	17.9010	17.8820	17.8980	19.480	19.470	19.500	19.600
680.5	133297	17.8530	17.8750	17.9010	17.8860	19.330	19.550	19.440	19.480
688.0	133372	17.9120	17.9440	17.9100	17.9650	19.530	19.610	19.560	19.690
LTE BAND 106 Channel bandwidth: 3MHz									
Freq. (MHz)	CH	99% BW (MHz)				26 dB BW (MHz)			
		QPSK	16QAM	64QAM	256QAM	QPSK	16QAM	64QAM	256QAM
899.0	134322	2.6950	2.6952	2.6977	2.6988	3.025	3.024	3.026	2.992

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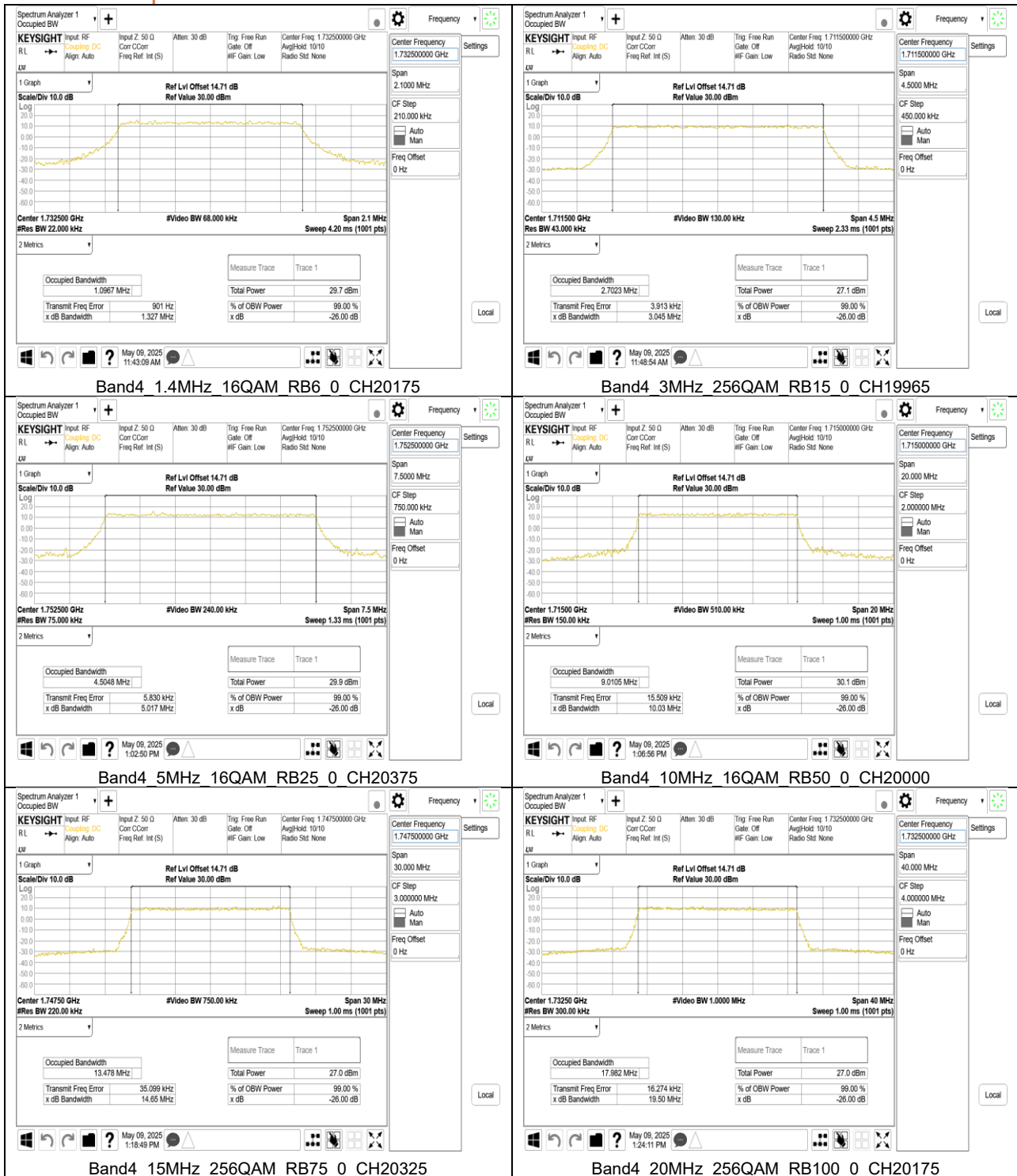
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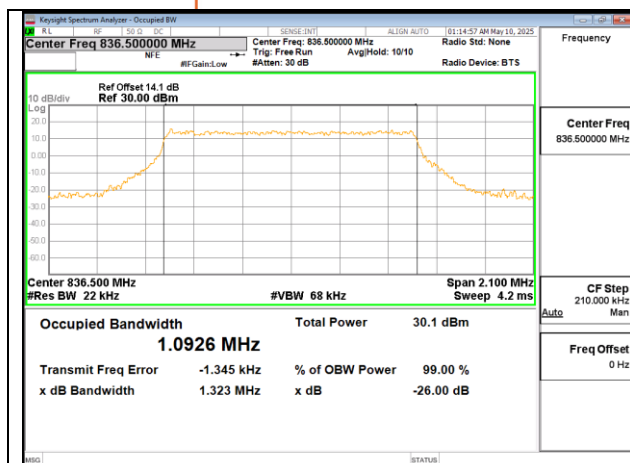
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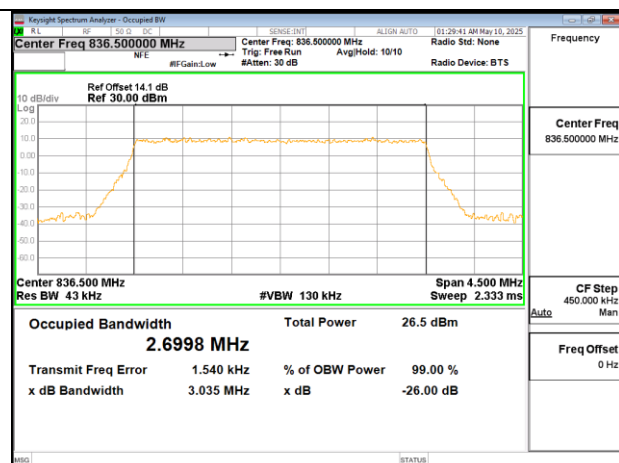
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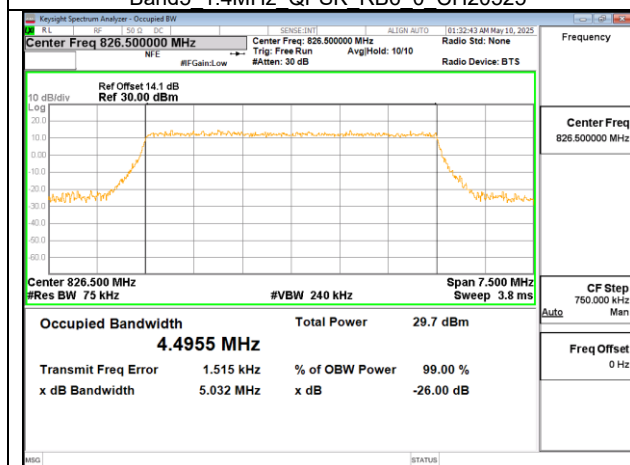
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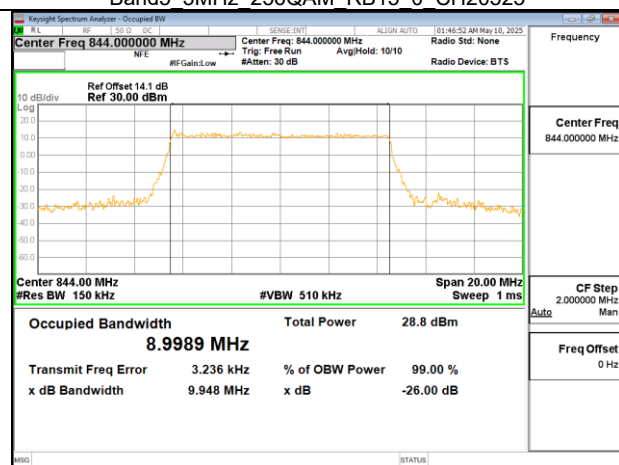
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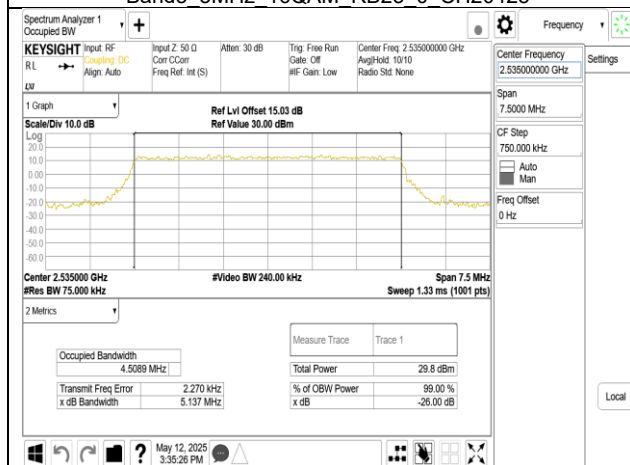
Band5 3MHz 256QAM RB15 0 CH20525



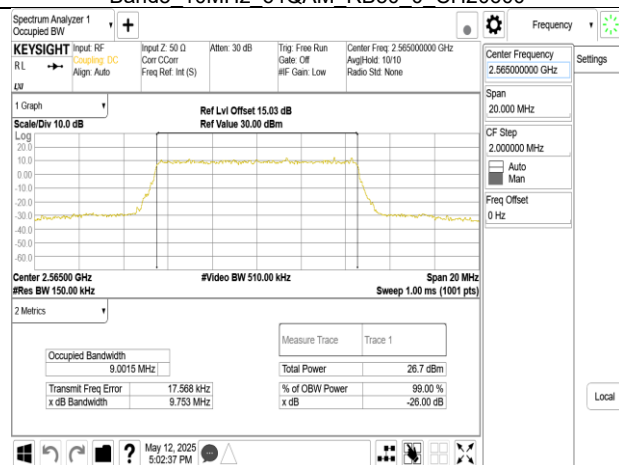
Band5 5MHz 16QAM RB25 0 CH20425



Band5 10MHz 64QAM RB50 0 CH20600



Band7 5MHz 16QAM RB25 0 CH21100

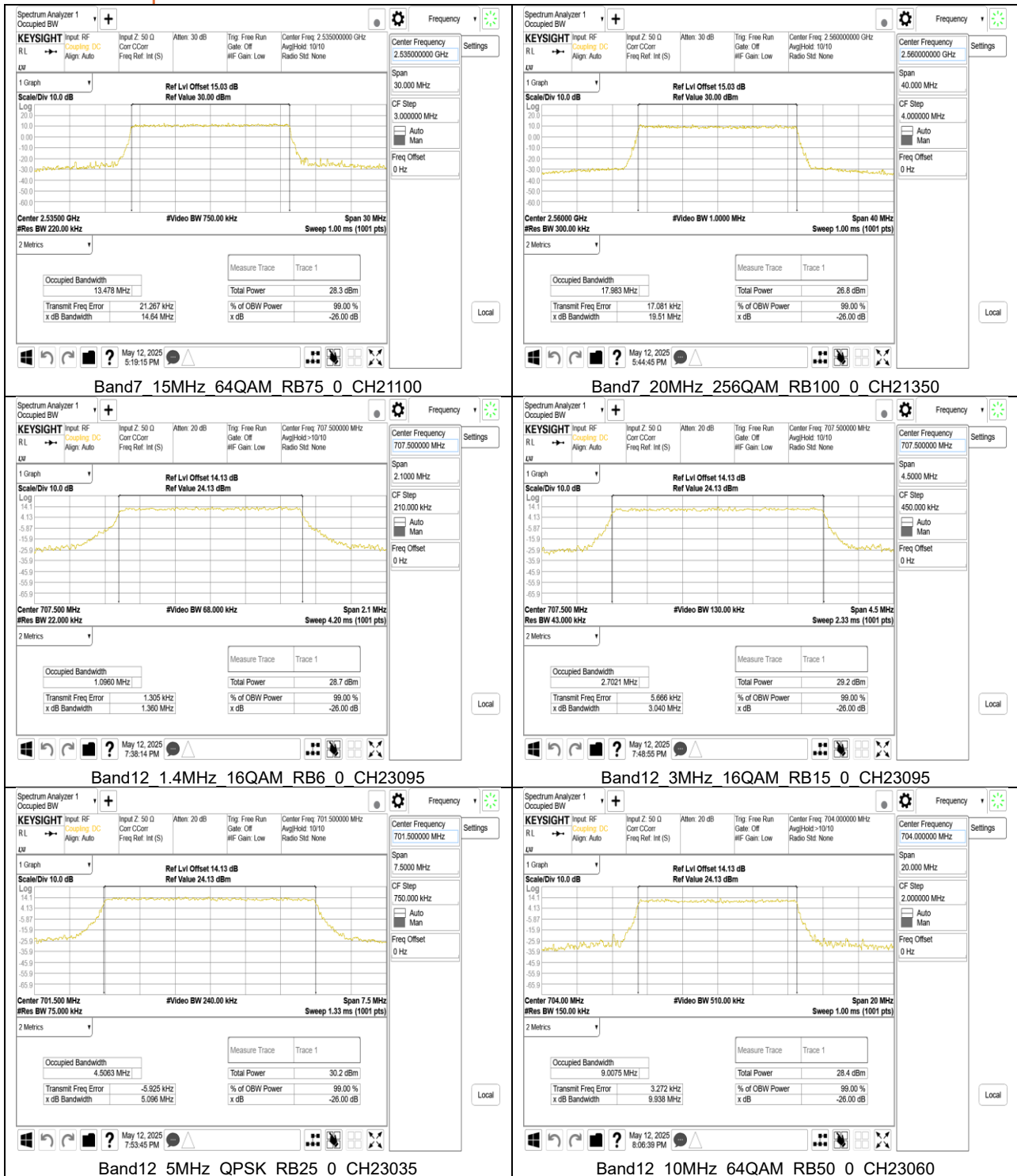


Band7 10MHz 256QAM RB50 0 CH21400

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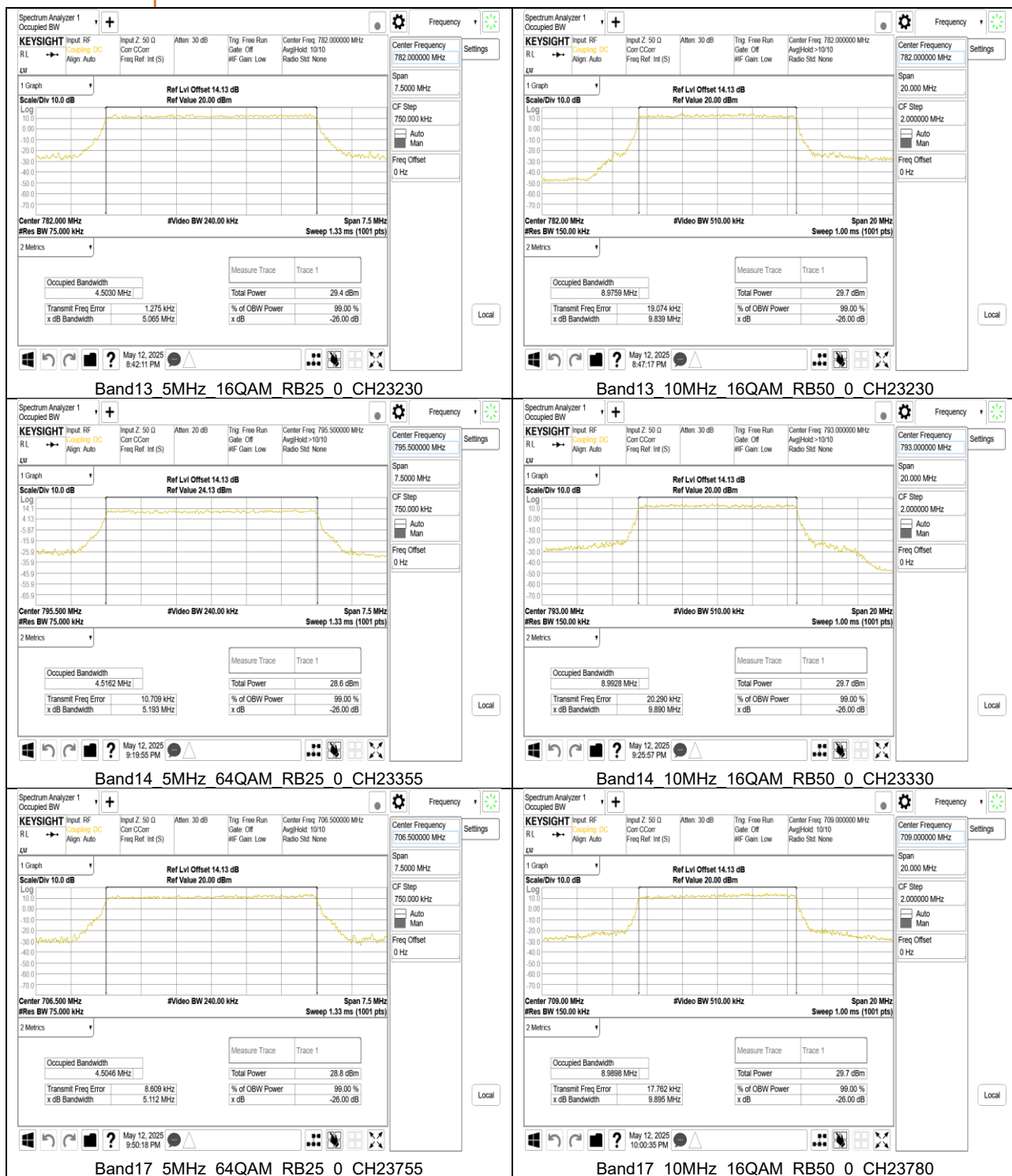
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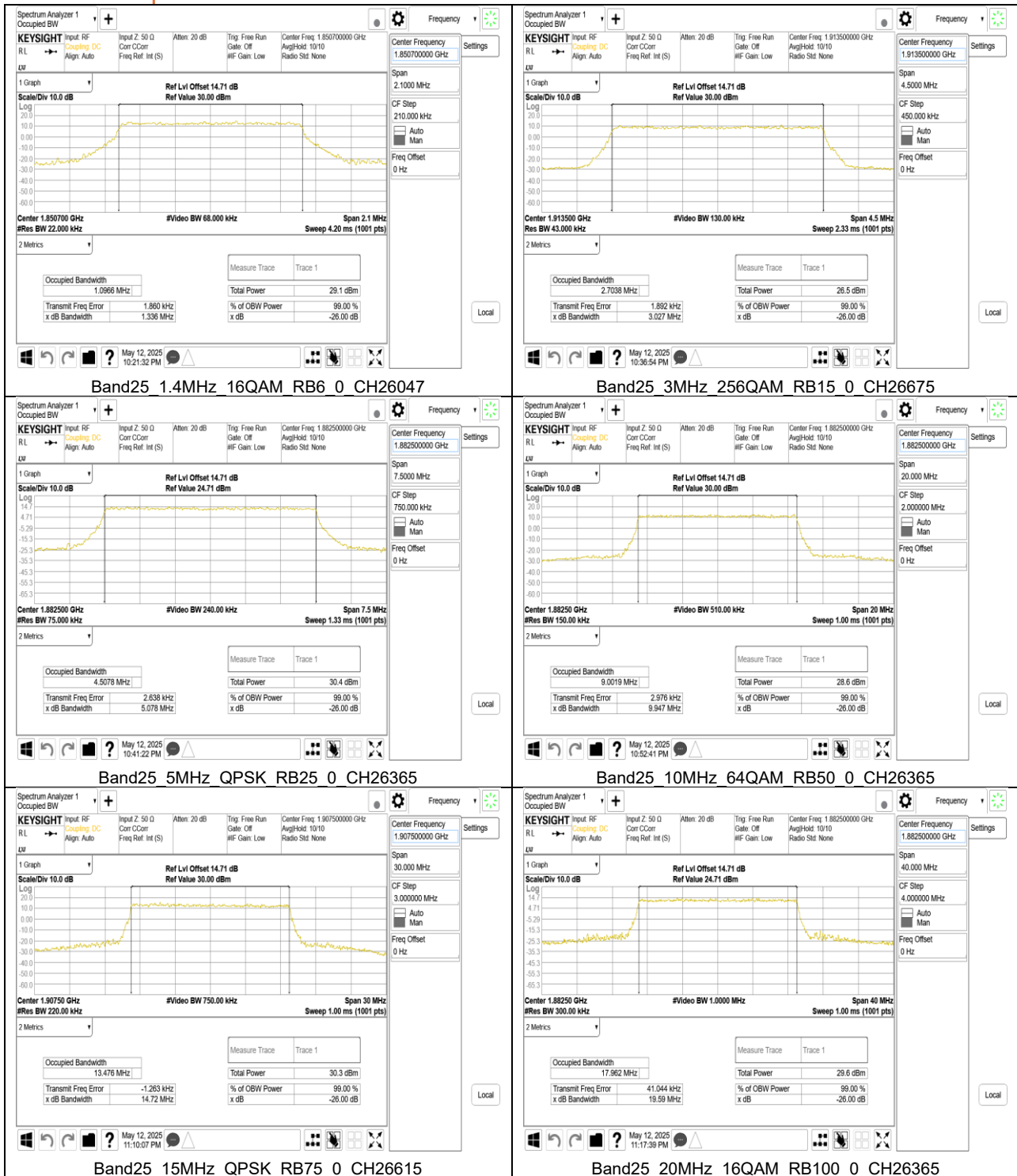
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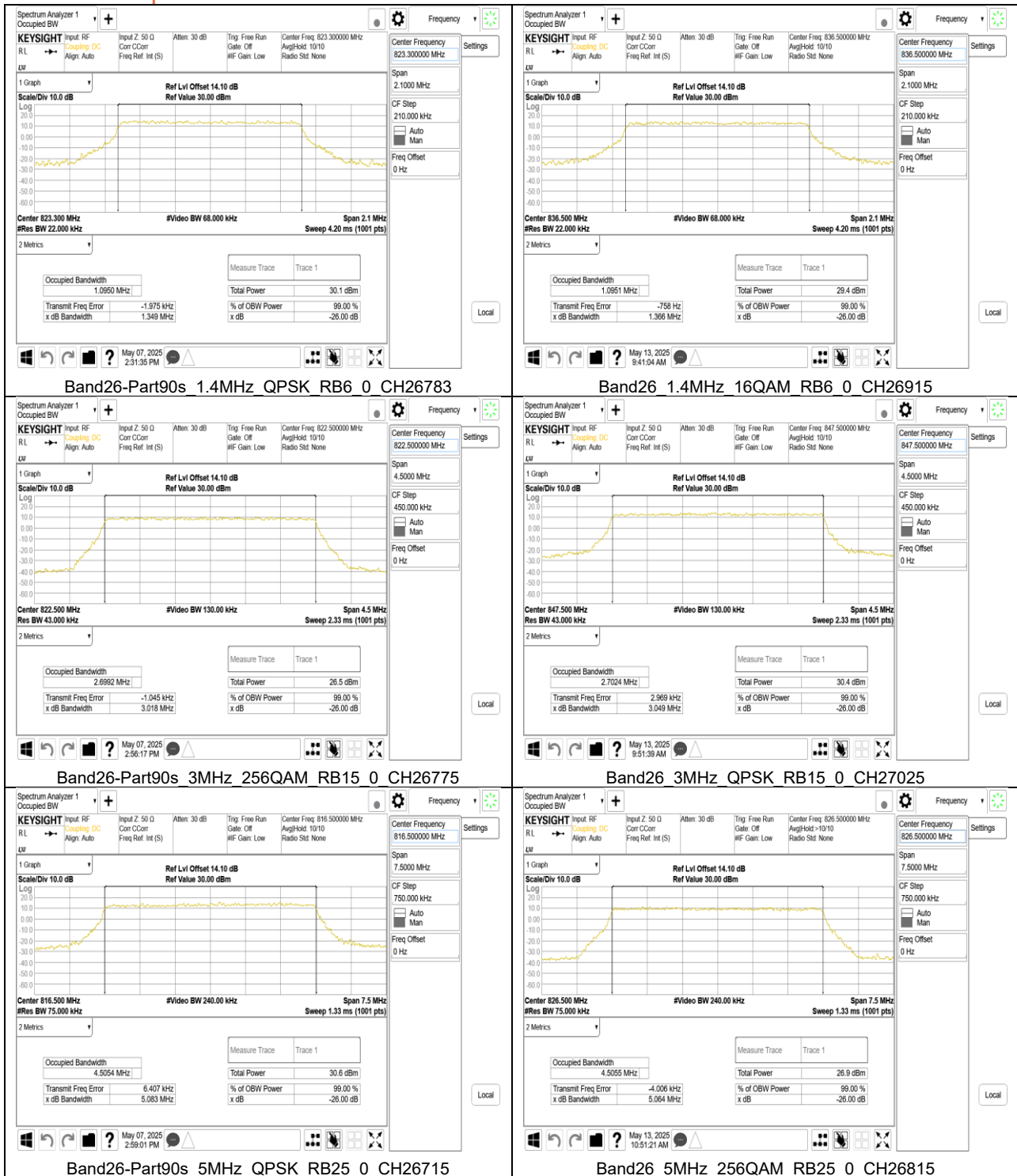
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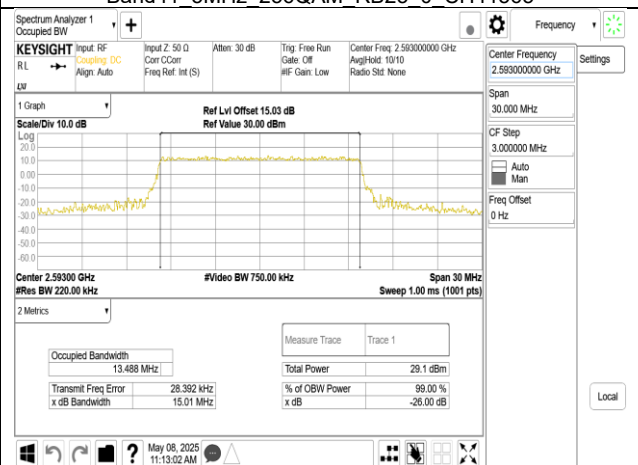
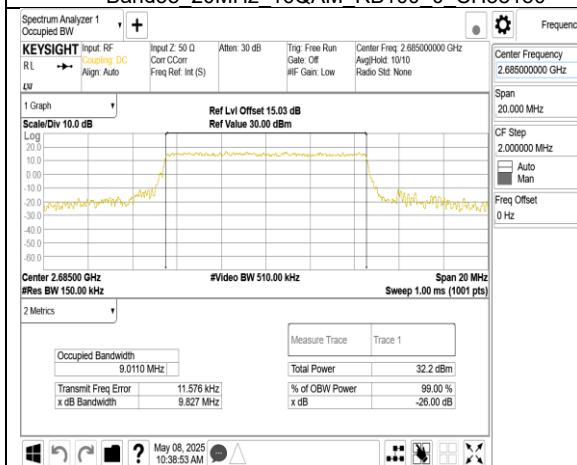
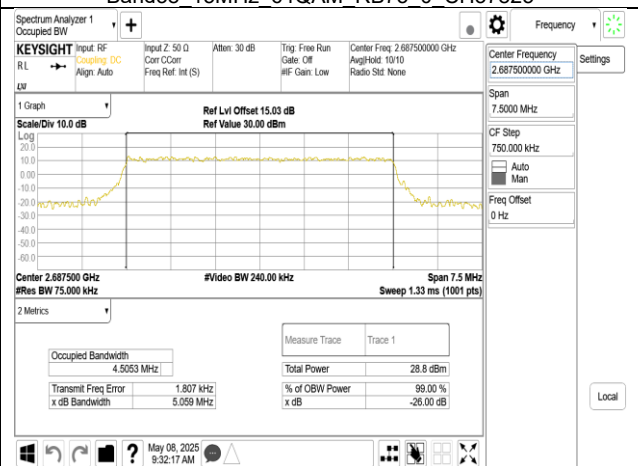
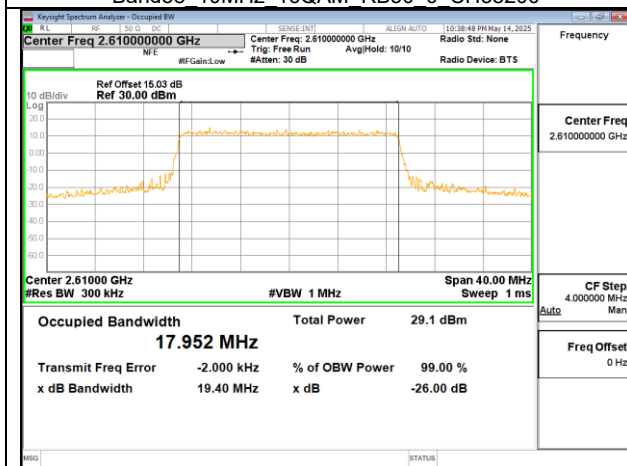
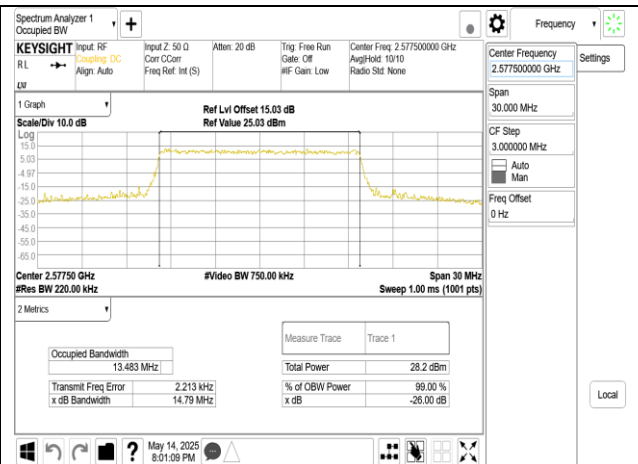
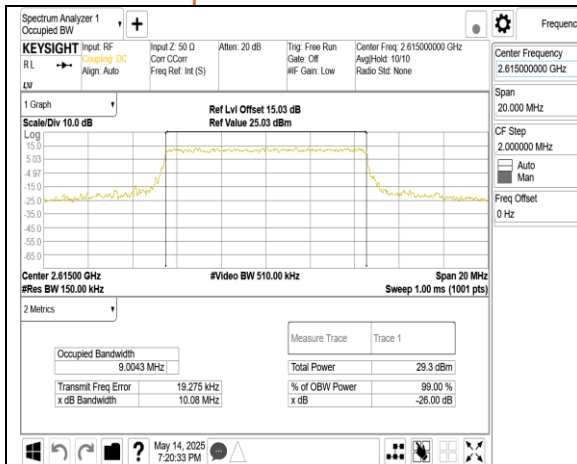
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