

LTE Band 66		1.4MHz			3MHz			5MHz			10MHz			15MHz			20MHz			MPR
Channel	Modulation	RB	RB	Max	RB	RB	Max	RB	RB	Max	RB	RB	Max	RB	RB	Max	RB	RB	Max	
		No.	Offset	Power	No.	Offset	Power	No.	Offset	Power	No.	Offset	Power	No.	Offset	Power	No.	Offset	Power	
		CH131979 (1710.7MHz)			CH131987 (1711.5MHz)			CH131997 (1712.5MHz)			CH132022 (1715MHz)			CH132047 (1717.5MHz)			CH132072 (1720MHz)			
Low	QPSK	1	#0	22.23	1	#0	22.25	1	#0	22.42	1	#0	22.35	1	#0	22.52	1	#0	22.45	0
		1	#2	22.21	1	#7	22.22	1	#12	22.39	1	#25	22.31	1	#36	22.51	1	#49	22.44	0
		1	#5	22.19	1	#14	22.21	1	#24	22.36	1	#49	22.28	1	#74	22.48	1	#99	22.41	0
		3	#0	22.25	8	#0	21.32	12	#0	21.33	25	#0	21.42	36	#0	21.39	50	#0	21.41	0-1
		3	#2	22.22	8	#4	21.29	12	#6	21.32	25	#12	21.39	36	#18	21.37	50	#24	21.4	0-1
		3	#3	22.18	8	#7	21.25	12	#13	21.29	25	#25	21.34	36	#37	21.34	50	#49	21.37	0-1
		6	#0	21.19	15	#0	21.33	25	#0	21.37	50	#0	21.4	75	#0	21.4	100	#0	21.47	0-1
	16QAM	1	#0	21.66	1	#0	21.73	1	#0	21.8	1	#0	21.76	1	#0	22.07	1	#0	21.98	0-1
		1	#2	21.65	1	#7	21.72	1	#12	21.78	1	#25	21.74	1	#36	22.05	1	#49	21.96	0-1
		1	#5	21.63	1	#14	21.69	1	#24	21.75	1	#49	21.73	1	#74	22.02	1	#99	21.94	0-1
		3	#0	21.27	8	#0	20.3	12	#0	20.38	25	#0	20.31	36	#0	20.39	50	#0	20.51	0-2
		3	#2	21.25	8	#4	20.28	12	#6	20.36	25	#12	20.29	36	#18	20.37	50	#24	20.49	0-2
		3	#3	21.24	8	#7	20.25	12	#13	20.33	25	#25	20.26	36	#37	20.32	50	#49	20.45	0-2
		6	#0	20.35	15	#0	20.46	25	#0	20.37	50	#0	20.41	75	#0	20.53	100	#0	20.52	0-2
	64QAM	1	#0	20.43	1	#0	20.59	1	#0	20.58	1	#0	20.69	1	#0	20.79	1	#0	20.73	0-1
		1	#2	20.41	1	#7	20.55	1	#12	20.56	1	#25	20.64	1	#36	20.76	1	#49	20.72	0-1
		1	#5	20.39	1	#14	20.54	1	#24	20.52	1	#49	20.62	1	#74	20.74	1	#99	20.67	0-1
		3	#0	20.48	8	#0	19.28	12	#0	19.37	25	#0	19.58	36	#0	19.65	50	#0	19.54	0-2
		3	#2	20.47	8	#4	19.26	12	#6	19.34	25	#12	19.56	36	#18	19.64	50	#24	19.53	0-2
		3	#3	20.44	8	#7	19.23	12	#13	19.32	25	#25	19.52	36	#37	19.62	50	#49	19.51	0-2
		6	#0	19.28	15	#0	19.27	25	#0	19.37	50	#0	19.55	75	#0	19.56	100	#0	19.48	0-2

LTE Band 66		1.4MHz			3MHz			5MHz			10MHz			15MHz			20MHz			MPR
Mid	QPSK	CH132322 (1745MHz)			CH132322 (1745MHz)			CH132322 (1745MHz)			CH132322 (1745MHz)			CH132322 (1745MHz)			CH132322 (1745MHz)			
		1	#0	22.51	1	#0	22.57	1	#0	22.5	1	#0	22.74	1	#0	22.78	1	#0	22.86	0
		1	#2	22.48	1	#7	22.53	1	#12	22.48	1	#25	22.72	1	#36	22.76	1	#49	22.84	0
		1	#5	22.42	1	#14	22.52	1	#24	22.45	1	#49	22.71	1	#74	22.75	1	#99	22.81	0
		3	#0	22.51	8	#0	21.58	12	#0	21.47	25	#0	21.63	36	#0	21.61	50	#0	21.69	0-1
		3	#2	22.49	8	#4	21.53	12	#6	21.42	25	#12	21.62	36	#18	21.57	50	#24	21.67	0-1
		3	#3	22.47	8	#7	21.52	12	#13	21.4	25	#25	21.56	36	#37	21.55	50	#49	21.64	0-1
		6	#0	21.49	15	#0	21.55	25	#0	21.47	50	#0	21.57	75	#0	21.6	100	#0	21.6	0-1
	16QAM	1	#0	21.83	1	#0	21.91	1	#0	22.02	1	#0	22.02	1	#0	21.96	1	#0	22.13	0-1
		1	#2	21.81	1	#7	21.89	1	#12	22.01	1	#25	22	1	#36	21.94	1	#49	22.12	0-1
1		#5	21.8	1	#14	21.87	1	#24	21.97	1	#49	21.99	1	#74	21.93	1	#99	22.1	0-1	
3		#0	21.59	8	#0	20.62	12	#0	20.58	25	#0	20.58	36	#0	20.65	50	#0	20.74	0-2	
3		#2	21.56	8	#4	20.61	12	#6	20.55	25	#12	20.56	36	#18	20.63	50	#24	20.73	0-2	
3		#3	21.55	8	#7	20.57	12	#13	20.52	25	#25	20.54	36	#37	20.6	50	#49	20.71	0-2	
6		#0	20.61	15	#0	20.52	25	#0	20.55	50	#0	20.63	75	#0	20.62	100	#0	20.61	0-2	
64QAM	1	#0	20.7	1	#0	20.72	1	#0	20.73	1	#0	20.76	1	#0	20.91	1	#0	21.02	0-1	
	1	#2	20.67	1	#7	20.7	1	#12	20.72	1	#25	20.74	1	#36	20.89	1	#49	21	0-1	
	1	#5	20.64	1	#14	20.67	1	#24	20.71	1	#49	20.71	1	#74	20.86	1	#99	20.96	0-1	
	3	#0	20.68	8	#0	19.49	12	#0	19.61	25	#0	19.64	36	#0	19.67	50	#0	19.7	0-2	
	3	#2	20.66	8	#4	19.47	12	#6	19.57	25	#12	19.62	36	#18	19.64	50	#24	19.68	0-2	
	3	#3	20.62	8	#7	19.45	12	#13	19.55	25	#25	19.58	36	#37	19.62	50	#49	19.66	0-2	
	6	#0	19.42	15	#0	19.46	25	#0	19.54	50	#0	19.55	75	#0	19.58	100	#0	19.54	0-2	

LTE Band 66		1.4MHz			3MHz			5MHz			10MHz			15MHz			20MHz			MPR
High	QPSK	CH132665 (1779.3MHz)			CH132657 (1778.5MHz)			CH132647 (1777.5MHz)			CH132622 (1775MHz)			CH132597 (1772.5MHz)			CH132572 (1770MHz)			
		1	#0	22.27	1	#0	22.23	1	#0	22.47	1	#0	22.5	1	#0	22.78	1	#0	22.74	0
		1	#2	22.25	1	#7	22.21	1	#12	22.45	1	#25	22.48	1	#36	22.75	1	#49	22.71	0
		1	#5	22.22	1	#14	22.19	1	#24	22.41	1	#49	22.45	1	#74	22.73	1	#99	22.69	0
		3	#0	22.17	8	#0	21.28	12	#0	21.24	25	#0	21.41	36	#0	21.5	50	#0	21.62	0-1
		3	#2	22.14	8	#4	21.26	12	#6	21.23	25	#12	21.4	36	#18	21.49	50	#24	21.61	0-1
		3	#3	22.13	8	#7	21.23	12	#13	21.21	25	#25	21.36	36	#37	21.45	50	#49	21.58	0-1
		6	#0	21.15	15	#0	21.29	25	#0	21.27	50	#0	21.41	75	#0	21.38	100	#0	21.49	0-1
	16QAM	1	#0	21.65	1	#0	21.66	1	#0	21.71	1	#0	21.89	1	#0	22.12	1	#0	22.11	0-1
		1	#2	21.62	1	#7	21.63	1	#12	21.7	1	#25	21.88	1	#36	22.1	1	#49	22.1	0-1
1		#5	21.61	1	#14	21.6	1	#24	21.68	1	#49	21.84	1	#74	22.08	1	#99	22.08	0-1	
3		#0	21.36	8	#0	20.35	12	#0	20.4	25	#0	20.52	36	#0	20.59	50	#0	20.6	0-2	
3		#2	21.34	8	#4	20.32	12	#6	20.38	25	#12	20.51	36	#18	20.55	50	#24	20.55	0-2	
3		#3	21.31	8	#7	20.31	12	#13	20.34	25	#25	20.48	36	#37	20.52	50	#49	20.52	0-2	
6		#0	20.45	15	#0	20.27	25	#0	20.35	50	#0	20.46	75	#0	20.43	100	#0	20.53	0-2	
64QAM	1	#0	20.62	1	#0	20.63	1	#0	20.67	1	#0	20.7	1	#0	20.95	1	#0	20.95	0-1	
	1	#2	20.61	1	#7	20.62	1	#12	20.65	1	#25	20.67	1	#36	20.94	1	#49	20.94	0-1	
	1	#5	20.57	1	#14	20.58	1	#24	20.64	1	#49	20.65	1	#74	20.92	1	#99	20.92	0-1	
	3	#0	20.63	8	#0	19.42	12	#0	19.48	25	#0	19.57	36	#0	19.6	50	#0	19.72	0-2	
	3	#2	20.62	8	#4	19.41	12	#6	19.46	25	#12	19.55	36	#18	19.56	50	#24	19.71	0-2	
	3	#3	20.56	8	#7	19.38	12	#13	19.43	25	#25	19.53	36	#37	19.53	50	#49	19.68	0-2	
	6	#0	19.35	15	#0	19.4	25	#0	19.42	50	#0	19.52	75	#0	19.47	100	#0	19.56	0-2	

Band 7-CA

Band7_CA (BW 20MHz+20MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20850 (2510MHz)	CH21001 (2525.1MHz)	CH21152 (2540.2MHz)
						SCC		
						CH21048 (2529.8MHz)	CH21199 (2544.9MHz)	CH21350 (2560MHz)
20+20	0	0	1	99	QPSK	21.92	21.95	21.88
	1	0	0	0		22.1	22.14	22.14
	100	0	0	0		21.02	20.87	21.03
	100	0	100	0		20.81	20.68	20.67
	1	0	1	99		14.5	14.5	14.37
	1	0	1	0		18.32	18.17	17.98
	1	99	1	0		22.71	22.72	22.54
	100	0	1	99		19.42	19.53	19.5
	0	0	1	99	16QAM	21.33	21.24	21.43
	1	0	0	0		21.58	21.35	21.52
	100	0	0	0		20.01	20.12	20.1
	100	0	100	0		19.79	20.04	19.71
	1	0	1	99		14.6	14.57	14.66
	1	0	1	0		18.68	18.49	18.45
	1	99	1	0		21.93	21.94	21.92
	100	0	1	99		19.28	19.54	19.47
	0	0	1	99	64QAM	20.52	20.13	20.54
	1	0	0	0		20.56	20.48	20.6
	100	0	0	0		19.1	19.01	19.08
	100	0	100	0		19.87	19.94	19.86
	1	0	1	99		14.67	14.75	14.45
	1	0	1	0		18.73	18.52	18.63
	1	99	1	0		20.01	19.84	19.79
	100	0	1	99		19.43	19.37	19.24

Band7_CA (BW 20MHz+15MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20850 (2510MHz)	CH21026 (2527.6MHz)	CH21201 (2545.1MHz)
						SCC		
						CH21021 (2527.1MHz)	CH21197 (2544.7MHz)	CH21372 (2562.2MHz)
20+15	100	0	75	0	QPSK	20.5	20.71	20.95
	1	0	1	74		14.08	14.18	14.46
	1	99	1	0		22.41	22.46	22.61
	100	0	75	0	16QAM	19.45	19.79	19.83
	1	0	1	74		14.18	14.3	14.45
	1	99	1	0		21.57	21.62	21.97
	100	0	75	0	64QAM	19.45	19.67	20.03
	1	0	1	74		14.12	14.18	14.15
	1	99	1	0		19.64	19.84	19.9
Band7_CA (BW 15MHz+20MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20828 (2507.8MHz)	CH21003 (2525.3MHz)	CH21179 (2542.9MHz)
						SCC		
						CH20999 (2524.9MHz)	CH21174 (2542.4MHz)	CH21350 (2560MHz)
15+20	75	0	100	0	QPSK	20.42	20.67	20.92
	1	0	1	99		14.41	14.09	14.56
	1	74	1	0		22.5	22.45	22.71
	75	0	100	0	16QAM	19.56	19.7	19.88
	1	0	1	99		14.41	14.33	14.13
	1	74	1	0		21.93	21.64	21.76
	75	0	100	0	64QAM	19.58	19.75	20.02
	1	0	1	99		14.62	14.1	14.17
	1	74	1	0		19.54	19.59	19.76

Band7_CA (BW 20MHz+10MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20850 (2510MHz)	CH21051 (2530.1MHz)	CH21251 (2550.1MHz)
						SCC		
						CH20994 (2524.4MHz)	CH21195 (2544.5MHz)	CH21395 (2564.5MHz)
20+10	100	0	50	0	QPSK	20.54	20.65	21.03
	1	0	1	49		14.02	14.02	14.51
	1	99	1	0		22.32	22.5	22.72
	100	0	50	0	16QAM	19.43	19.53	19.69
	1	0	1	49		13.97	14.32	14.14
	1	99	1	0		21.38	21.57	21.82
	100	0	50	0	64QAM	19.32	19.48	20.04
	1	0	1	49		13.98	14.12	14.18
	1	99	1	0		19.49	19.62	19.82
Band7_CA (BW 10MHz+20MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20805 (2505.5MHz)	CH21006 (2525.6MHz)	CH21206 (2545.6MHz)
						SCC		
						CH20949 (2519.9MHz)	CH21150 (2540MHz)	CH21350 (2560MHz)
10+20	50	0	100	0	QPSK	20.68	20.75	20.96
	1	0	1	99		13.97	14.13	14.21
	1	49	1	0		22.12	22.48	22.69
	50	0	100	0	16QAM	19.4	19.71	19.93
	1	0	1	99		14.05	14.29	14.37
	1	49	1	0		21.33	21.57	21.74
	50	0	100	0	64QAM	19.38	19.63	19.97
	1	0	1	99		14.07	14.03	14.06
	1	49	1	0		19.52	19.76	19.86

Band7_CA (BW 15MHz+15MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20825 (2507.5MHz)	CH21025 (2527.5MHz)	CH21225 (2547.5MHz)
						SCC		
						CH20975 (2522.5MHz)	CH21175 (2542.5MHz)	CH21375 (2562.5MHz)
15+15	75	0	75	0	QPSK	20.45	20.73	20.93
	1	0	1	74		14.03	14.13	14.56
	1	74	1	0		22.14	22.47	22.74
	75	0	75	0	16QAM	19.39	19.68	19.7
	1	0	1	74		14.11	14.34	14.26
	1	74	1	0		21.34	21.58	21.82
	75	0	75	0	64QAM	19.38	19.6	20.02
	1	0	1	74		14.1	14.12	14.19
	1	74	1	0		19.37	19.78	19.77
Band7_CA (BW 15MHz+10MHz)								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH20825 (2507.5MHz)	CH21051 (2530.1MHz)	CH21277 (2552.7MHz)
						SCC		
						CH20945 (2519.5MHz)	CH21171 (2542.1MHz)	CH21397 (2564.7MHz)
15+10	75	0	50	0	QPSK	20.48	20.67	20.85
	1	0	1	49		13.96	14.13	14.17
	1	74	1	0		22.13	22.36	22.61
	75	0	50	0	16QAM	19.45	19.53	19.79
	1	0	1	49		14.06	14.14	14.29
	1	74	1	0		21.56	21.6	21.88
	75	0	50	0	64QAM	19.28	19.58	19.86
	1	0	1	49		14.12	14.07	14.23
	1	74	1	0		19.55	19.75	19.84

Band 41-CA

Band41_CA (BW 20MHz+20MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39750 (2506MHz)	CH40521 (2583.1MHz)	CH41292 (2660.2MHz)
						SCC		
						CH39948 (2525.8MHz)	CH40719 (2602.9MHz)	CH41490 (2680MHz)
20+20	0	0	1	99	QPSK	22.03	22.14	21.97
	1	0	0	0		22.17	22.07	22.13
	100	0	0	0		20.74	20.66	20.97
	100	0	100	0		20.45	20.59	20.71
	1	0	1	99		14.6	14.37	14.72
	1	0	1	0		18.62	18.5	18.8
	1	99	1	0		22.58	22.53	22.41
	100	0	1	99		19.39	19.56	19.38
	0	0	1	99	16QAM	21.76	21.78	21.95
	1	0	0	0		21.86	21.67	21.68
	100	0	0	0		20.07	19.94	20.12
	100	0	100	0		19.92	19.74	19.85
	1	0	1	99		14.97	14.92	15.12
	1	0	1	0		19.12	19.24	19.06
	1	99	1	0		22.26	22.16	22.19
	100	0	1	99		19.64	19.57	19.74
	0	0	1	99	64QAM	20.57	20.48	20.54
	1	0	0	0		20.71	20.53	20.6
	100	0	0	0		19.09	19.24	19.11
	100	0	100	0		19.88	19.89	20.01
	1	0	1	99		14.42	14.57	14.48
	1	0	1	0		18.84	19.02	18.76
	1	99	1	0		19.79	20.06	19.79
	100	0	1	99		19.36	19.53	19.33

Band41_CA (BW 20MHz+15MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39750 (2506MHz)	CH40546 (2585.6MHz)	CH41341 (2665.1MHz)
						SCC		
						CH39921 (2523.1MHz)	CH40717 (2602.7MHz)	CH41512 (2682.2MHz)
20+15	100	0	75	0	QPSK	20.55	20.86	20.56
	1	0	1	74		14.18	14.34	14.28
	1	99	1	0		22.36	22.53	22.14
	100	0	75	0	16QAM	19.48	19.78	19.79
	1	0	1	74		14.68	14.88	14.71
	1	99	1	0		21.9	22.12	21.73
	100	0	75	0	64QAM	19.57	19.97	19.68
	1	0	1	74		14.52	14.7	14.43
	1	99	1	0		19.49	20.03	19.75
Band41_CA (BW 15MHz+20MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39728 (2503.8MHz)	CH40523 (2583.3MHz)	CH41319 (2662.9MHz)
						SCC		
						CH39899 (2520.9MHz)	CH40694 (2600.4MHz)	CH41490 (2680MHz)
15+20	75	0	100	0	QPSK	20.38	20.68	20.18
	1	0	1	99		14.12	14.1	14.03
	1	74	1	0		22.09	22.29	22.09
	75	0	100	0	16QAM	19.36	19.62	19.63
	1	0	1	99		14.71	14.68	14.56
	1	74	1	0		21.74	21.94	21.64
	75	0	100	0	64QAM	19.35	19.78	19.61
	1	0	1	99		14.23	14.51	14.47
	1	74	1	0		19.43	19.95	19.43

Band41_CA (BW 20MHz+10MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39750 (2506MHz)	CH40571 (2588.1MHz)	CH41391 (2670.1MHz)
						SCC		
						CH39894 (2520.4MHz)	CH40715 (2602.5MHz)	CH41535 (2684.5MHz)
20+10	100	0	50	0	QPSK	20.34	20.64	20.31
	1	0	1	49		14.19	14.17	14.17
	1	99	1	0		22.11	22.38	22.03
	100	0	50	0	16QAM	19.24	19.58	19.58
	1	0	1	49		14.55	14.76	14.63
	1	99	1	0		21.86	21.95	21.59
	100	0	50	0	64QAM	19.57	19.8	19.67
	1	0	1	49		14.52	14.64	14.34
	1	99	1	0		19.46	19.79	19.58
Band41_CA (BW 10MHz+20MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39705 (2501.5MHz)	CH40526 (2583.6MHz)	CH41346 (2665.6MHz)
						SCC		
						CH39849 (2515.9MHz)	CH40670 (2598MHz)	CH41490 (2680MHz)
10+20	50	0	100	0	QPSK	20.32	20.69	20.48
	1	0	1	99		14.02	14.31	14.19
	1	49	1	0		22.14	22.37	22.03
	50	0	100	0	16QAM	19.22	19.67	19.77
	1	0	1	99		14.71	14.73	14.56
	1	49	1	0		21.86	22.12	21.68
	50	0	100	0	64QAM	19.68	19.71	19.65
	1	0	1	99		14.45	14.66	14.3
	1	49	1	0		19.37	19.96	19.47

Band41_CA (BW 20MHz+5MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39750 (2506MHz)	CH40595 (2590.5MHz)	CH41440 (2675MHz)
						SCC		
						CH39867 (2517.7MHz)	CH40712 (2602.2MHz)	CH41557 (2686.7MHz)
20+5	100	0	25	0	QPSK	20.34	20.78	20.31
	1	0	1	24		14.05	14.21	14.3
	1	99	1	0		22.1	22.34	22.16
	100	0	25	0	16QAM	19.47	19.76	19.68
	1	0	1	24		14.65	14.79	14.62
	1	99	1	0		21.76	22.04	21.59
	100	0	25	0	64QAM	19.49	19.74	19.53
	1	0	1	24		14.52	14.69	14.21
	1	99	1	0		19.33	19.86	19.67
Band41_CA (BW 5MHz+20MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39683 (2499.3MHz)	CH40528 (2583.8MHz)	CH41373 (2668.3MHz)
						SCC		
						CH39875 (2518.5MHz)	CH40695 (2600.5MHz)	CH41515 (2682.5MHz)
5+20	25	0	100	0	QPSK	20.48	20.81	20.45
	1	0	1	99		14.06	14.06	14.13
	1	24	1	0		22.12	22.45	22.09
	25	0	100	0	16QAM	19.18	19.66	19.65
	1	0	1	99		14.62	14.9	14.57
	1	24	1	0		21.83	21.93	21.73
	25	0	100	0	64QAM	19.68	19.64	19.64
	1	0	1	99		14.47	14.39	14.47
	1	24	1	0		19.44	20.02	19.63

Band41_CA (BW 15MHz+15MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39725 (2503.5MHz)	CH40545 (2585.5MHz)	CH41365 (2667.5MHz)
						SCC		
						CH39875 (2518.5MHz)	CH40695 (2600.5MHz)	CH41515 (2682.5MHz)
15+15	75	0	75	0	QPSK	20.61	20.72	20.34
	1	0	1	74		14.05	14.13	14.08
	1	74	1	0		22.33	22.48	22.14
	75	0	75	0	16QAM	19.32	19.65	19.58
	1	0	1	74		14.48	14.7	14.62
	1	74	1	0		21.88	22.01	21.69
	75	0	75	0	64QAM	19.64	19.87	19.54
	1	0	1	74		14.37	14.51	14.33
	1	74	1	0		19.49	20.03	19.67
Band41_CA (BW 15MHz+10MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39725 (2503.5MHz)	CH40571 (2588.1MHz)	CH41417 (2672.7MHz)
						SCC		
						CH39845 (2515.5MHz)	CH40691 (2600.1MHz)	CH41537 (2684.7MHz)
15+10	75	0	50	0	QPSK	20.32	20.58	20.33
	1	0	1	49		13.82	13.93	14.07
	1	74	1	0		21.93	22.37	21.95
	75	0	50	0	16QAM	19.08	19.58	19.45
	1	0	1	49		14.4	14.6	14.38
	1	74	1	0		21.65	21.77	21.57
	75	0	50	0	64QAM	19.48	19.62	19.46
	1	0	1	49		14.22	14.31	14.36
	1	74	1	0		19.35	19.86	19.49

Band41_CA (BW 10MHz+15MHz)_FCC Band								
BW (MHz)	PCC		SCC		Modulation	PCC		
	RB Size	RB Offset	RB Size	RB Offset		CH39703 (2501.3MHz)	CH40549 (2585.9MHz)	CH41395 (2670.5MHz)
						SCC		
						CH39823 (2513.3MHz)	CH40669 (2597.9MHz)	CH41515 (2682.5MHz)
10+15	50	0	75	0	QPSK	20.34	20.8	20.37
	1	49	1	0		14.03	13.96	13.99
	1	0	1	74		22.11	22.32	21.95
	50	0	75	0	16QAM	19.06	19.63	19.64
	1	49	1	0		14.54	14.84	14.31
	1	0	1	74		21.81	21.77	21.74
	50	0	75	0	64QAM	19.74	19.53	19.61
	1	49	1	0		14.42	14.42	14.32
	1	0	1	74		19.39	20.04	19.65

Radiated Power

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
1850.7	H	16.612	1.065	4.613	20.160	33	-12.84
1850.7	V	17.972	1.065	4.613	21.520	33	-11.48
QPSK, CH18615 / 1851.5MHz, Bandwidth 3MHz							
1851.5	H	16.569	1.065	4.586	20.090	33	-12.91
1851.5	V	18.049	1.065	4.586	21.570	33	-11.43
QPSK, CH18625 / 1852.5MHz, Bandwidth 5MHz							
1852.5	H	16.897	1.065	4.558	20.390	33	-12.61
1852.5	V	17.807	1.065	4.558	21.300	33	-11.7
QPSK, CH18650 / 1855MHz, Bandwidth 10MHz							
1855	H	16.837	1.065	4.558	20.330	33	-12.67
1855	V	17.837	1.065	4.558	21.330	33	-11.67
QPSK, CH18675 / 1857.5MHz, Bandwidth 15MHz							
1857.5	H	16.957	1.065	4.558	20.450	33	-12.55
1857.5	V	17.917	1.065	4.558	21.410	33	-11.59
QPSK, CH18700 / 1860MHz, Bandwidth 20MHz							
1860	H	17.047	1.065	4.558	20.540	33	-12.46
1860	V	17.897	1.065	4.558	21.390	33	-11.61

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
1850.7	H	16.752	1.065	4.613	20.300	33	-12.7
1850.7	V	17.892	1.065	4.613	21.440	33	-11.56
16QAM, CH18615 / 1851.5MHz, Bandwidth 3MHz							
1851.5	H	16.819	1.065	4.586	20.340	33	-12.66
1851.5	V	17.799	1.065	4.586	21.320	33	-11.68
16QAM, CH18625 / 1852.5MHz, Bandwidth 5MHz							
1852.5	H	16.817	1.065	4.558	20.310	33	-12.69
1852.5	V	17.867	1.065	4.558	21.360	33	-11.64
16QAM, CH18650 / 1855MHz, Bandwidth 10MHz							
1855	H	16.777	1.065	4.558	20.270	33	-12.73
1855	V	17.897	1.065	4.558	21.390	33	-11.61
16QAM, CH18675 / 1857.5MHz, Bandwidth 15MHz							
1857.5	H	16.827	1.065	4.558	20.320	33	-12.68
1857.5	V	17.847	1.065	4.558	21.340	33	-11.66
16QAM, CH18700 / 1860MHz, Bandwidth 20MHz							
1860	H	16.797	1.065	4.558	20.290	33	-12.71
1860	V	17.917	1.065	4.558	21.410	33	-11.59

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH18607 / 1850.7MHz, Bandwidth 1.4MHz							
1850.7	H	16.732	1.065	4.613	20.280	33	-12.72
1850.7	V	17.882	1.065	4.613	21.430	33	-11.57
64QAM, CH18615 / 1851.5MHz, Bandwidth 3MHz							
1851.5	H	16.709	1.065	4.586	20.230	33	-12.77
1851.5	V	17.849	1.065	4.586	21.370	33	-11.63
64QAM, CH18625 / 1852.5MHz, Bandwidth 5MHz							
1852.5	H	16.947	1.065	4.558	20.440	33	-12.56
1852.5	V	18.817	1.065	4.558	22.310	33	-10.69
64QAM, CH18650 / 1855MHz, Bandwidth 10MHz							
1855	H	16.747	1.065	4.558	20.240	33	-12.76
1855	V	17.817	1.065	4.558	21.310	33	-11.69
64QAM, CH18675 / 1857.5MHz, Bandwidth 15MHz							
1857.5	H	16.687	1.065	4.558	20.180	33	-12.82
1857.5	V	17.827	1.065	4.558	21.320	33	-11.68
64QAM, CH18700 / 1860MHz, Bandwidth 20MHz							
1860	H	16.637	1.065	4.558	20.130	33	-12.87
1860	V	17.797	1.065	4.558	21.290	33	-11.71

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH18900 / 1880MHz, Bandwidth 1.4MHz							
1880	H	16.602	1.065	4.613	20.150	33	-12.85
1880	V	18.392	1.065	4.613	21.940	33	-11.06
QPSK, CH18900 / 1880MHz, Bandwidth 3MHz							
1880	H	16.509	1.065	4.586	20.030	33	-12.97
1880	V	18.369	1.065	4.586	21.890	33	-11.11
QPSK, CH18900 / 1880MHz, Bandwidth 5MHz							
1880	H	16.387	1.065	4.558	19.880	33	-13.12
1880	V	18.217	1.065	4.558	21.710	33	-11.29
QPSK, CH18900 / 1880MHz, Bandwidth 10MHz							
1880	H	16.617	1.065	4.558	20.110	33	-12.89
1880	V	18.167	1.065	4.558	21.660	33	-11.34
QPSK, CH18900 / 1880MHz, Bandwidth 15MHz							
1880	H	16.477	1.065	4.558	19.970	33	-13.03
1880	V	18.257	1.065	4.558	21.750	33	-11.25
QPSK, CH18900 / 1880MHz, Bandwidth 20MHz							
1880	H	16.087	1.065	4.558	19.580	33	-13.42
1880	V	18.147	1.065	4.558	21.640	33	-11.36

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH18900 / 1880MHz, Bandwidth 1.4MHz							
1880	H	16.372	1.065	4.613	19.920	33	-13.08
1880	V	18.122	1.065	4.613	21.670	33	-11.33
16QAM, CH18900 / 1880MHz, Bandwidth 3MHz							
1880	H	16.349	1.065	4.586	19.870	33	-13.13
1880	V	18.209	1.065	4.586	21.730	33	-11.27
16QAM, CH18900 / 1880MHz, Bandwidth 5MHz							
1880	H	16.277	1.065	4.558	19.770	33	-13.23
1880	V	18.207	1.065	4.558	21.700	33	-11.3
16QAM, CH18900 / 1880MHz, Bandwidth 10MHz							
1880	H	16.187	1.065	4.558	19.680	33	-13.32
1880	V	18.147	1.065	4.558	21.640	33	-11.36
16QAM, CH18900 / 1880MHz, Bandwidth 15MHz							
1880	H	16.137	1.065	4.558	19.630	33	-13.37
1880	V	18.187	1.065	4.558	21.680	33	-11.32
16QAM, CH18900 / 1880MHz, Bandwidth 20MHz							
1880	H	16.227	1.065	4.558	19.720	33	-13.28
1880	V	18.127	1.065	4.558	21.620	33	-11.38

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH18900 / 1880MHz, Bandwidth 1.4MHz							
1880	H	16.202	1.065	4.613	19.750	33	-13.25
1880	V	18.122	1.065	4.613	21.670	33	-11.33
64QAM, CH18900 / 1880MHz, Bandwidth 3MHz							
1880	H	16.189	1.065	4.586	19.710	33	-13.29
1880	V	18.199	1.065	4.586	21.720	33	-11.28
64QAM, CH18900 / 1880MHz, Bandwidth 5MHz							
1880	H	16.177	1.065	4.558	19.670	33	-13.33
1880	V	18.147	1.065	4.558	21.640	33	-11.36
64QAM, CH18900 / 1880MHz, Bandwidth 10MHz							
1880	H	16.207	1.065	4.558	19.700	33	-13.3
1880	V	18.077	1.065	4.558	21.570	33	-11.43
64QAM, CH18900 / 1880MHz, Bandwidth 15MHz							
1880	H	16.147	1.065	4.558	19.640	33	-13.36
1880	V	18.037	1.065	4.558	21.530	33	-11.47
64QAM, CH18900 / 1880MHz, Bandwidth 20MHz							
1880	H	16.117	1.065	4.558	19.610	33	-13.39
1880	V	18.057	1.065	4.558	21.550	33	-11.45

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
1909.3	H	15.852	1.065	4.613	19.400	33	-13.6
1909.3	V	18.112	1.065	4.613	21.660	33	-11.34
QPSK, CH19185 / 1908.5MHz, Bandwidth 3MHz							
1908.5	H	16.169	1.065	4.586	19.690	33	-13.31
1908.5	V	18.219	1.065	4.586	21.740	33	-11.26
QPSK, CH19175 / 1907.5MHz, Bandwidth 5MHz							
1907.5	H	16.557	1.065	4.558	20.050	33	-12.95
1907.5	V	18.307	1.065	4.558	21.800	33	-11.2
QPSK, CH19150 / 1905MHz, Bandwidth 10MHz							
1905	H	16.237	1.065	4.558	19.730	33	-13.27
1905	V	18.197	1.065	4.558	21.690	33	-11.31
QPSK, CH19125 / 1902.5MHz, Bandwidth 15MHz							
1902.5	H	16.477	1.065	4.558	19.970	33	-13.03
1902.5	V	18.287	1.065	4.558	21.780	33	-11.22
QPSK, CH19100 / 1900MHz, Bandwidth 20MHz							
1900	H	16.527	1.065	4.558	20.020	33	-12.98
1900	V	18.177	1.065	4.558	21.670	33	-11.33

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
1909.3	H	16.522	1.065	4.613	20.070	33	-12.93
1909.3	V	18.172	1.065	4.613	21.720	33	-11.28
16QAM, CH19185 / 1908.5MHz, Bandwidth 3MHz							
1908.5	H	16.429	1.065	4.586	19.950	33	-13.05
1908.5	V	18.159	1.065	4.586	21.680	33	-11.32
16QAM, CH19175 / 1907.5MHz, Bandwidth 5MHz							
1907.5	H	16.617	1.065	4.558	20.110	33	-12.89
1907.5	V	18.377	1.065	4.558	21.870	33	-11.13
16QAM, CH19150 / 1905MHz, Bandwidth 10MHz							
1905	H	16.427	1.065	4.558	19.920	33	-13.08
1905	V	18.157	1.065	4.558	21.650	33	-11.35
16QAM, CH19125 / 1902.5MHz, Bandwidth 15MHz							
1902.5	H	16.537	1.065	4.558	20.030	33	-12.97
1902.5	V	18.317	1.065	4.558	21.810	33	-11.19
16QAM, CH19100 / 1900MHz, Bandwidth 20MHz							
1900	H	16.477	1.065	4.558	19.970	33	-13.03
1900	V	18.247	1.065	4.558	21.740	33	-11.26

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band2 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH19193 / 1909.3MHz, Bandwidth 1.4MHz							
1909.3	H	16.592	1.065	4.613	20.140	33	-12.86
1909.3	V	18.262	1.065	4.613	21.810	33	-11.19
64QAM, CH19185 / 1908.5MHz, Bandwidth 3MHz							
1908.5	H	16.499	1.065	4.586	20.020	33	-12.98
1908.5	V	18.259	1.065	4.586	21.780	33	-11.22
64QAM, CH19175 / 1907.5MHz, Bandwidth 5MHz							
1907.5	H	16.557	1.065	4.558	20.050	33	-12.95
1907.5	V	18.327	1.065	4.558	21.820	33	-11.18
64QAM, CH19150 / 1905MHz, Bandwidth 10MHz							
1905	H	16.497	1.065	4.558	19.990	33	-13.01
1905	V	18.237	1.065	4.558	21.730	33	-11.27
64QAM, CH19125 / 1902.5MHz, Bandwidth 15MHz							
1902.5	H	16.557	1.065	4.558	20.050	33	-12.95
1902.5	V	18.397	1.065	4.558	21.890	33	-11.11
64QAM, CH19100 / 1900MHz, Bandwidth 20MHz							
1900	H	16.617	1.065	4.558	20.110	33	-12.89
1900	V	18.247	1.065	4.558	21.740	33	-11.26

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.775	1.1	4.915	20.590	30	-9.41
1710.7	V	16.685	1.1	4.915	20.500	30	-9.5
QPSK, CH19965 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.875	1.1	4.915	20.690	30	-9.31
1711.5	V	16.615	1.1	4.915	20.430	30	-9.57
QPSK, CH19975 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.845	1.1	4.915	20.660	30	-9.34
1712.5	V	16.495	1.1	4.915	20.310	30	-9.69
QPSK, CH20000 / 1715MHz, Bandwidth 10MHz							
1715	H	16.875	1.1	4.915	20.690	30	-9.31
1715	V	16.645	1.1	4.915	20.460	30	-9.54
QPSK, CH20025 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.805	1.1	4.915	20.620	30	-9.38
1717.5	V	16.395	1.1	4.915	20.210	30	-9.79
QPSK, CH20050 / 1720MHz, Bandwidth 20MHz							
1720	H	16.925	1.1	4.915	20.740	30	-9.26
1720	V	16.445	1.1	4.915	20.260	30	-9.74

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.835	1.1	4.915	20.650	30	-9.35
1710.7	V	16.545	1.1	4.915	20.360	30	-9.64
16QAM, CH19965 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.905	1.1	4.915	20.720	30	-9.28
1711.5	V	16.425	1.1	4.915	20.240	30	-9.76
16QAM, CH19975 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.835	1.1	4.915	20.650	30	-9.35
1712.5	V	16.575	1.1	4.915	20.390	30	-9.61
16QAM, CH20000 / 1715MHz, Bandwidth 10MHz							
1715	H	16.805	1.1	4.915	20.620	30	-9.38
1715	V	16.665	1.1	4.915	20.480	30	-9.52
16QAM, CH20025 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.875	1.1	4.915	20.690	30	-9.31
1717.5	V	16.515	1.1	4.915	20.330	30	-9.67
16QAM, CH20050 / 1720MHz, Bandwidth 20MHz							
1720	H	16.745	1.1	4.915	20.560	30	-9.44
1720	V	16.535	1.1	4.915	20.350	30	-9.65

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH19957 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.825	1.1	4.915	20.640	30	-9.36
1710.7	V	16.595	1.1	4.915	20.410	30	-9.59
64QAM, CH19965 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.755	1.1	4.915	20.570	30	-9.43
1711.5	V	16.525	1.1	4.915	20.340	30	-9.66
64QAM, CH19975 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.725	1.1	4.915	20.540	30	-9.46
1712.5	V	16.555	1.1	4.915	20.370	30	-9.63
64QAM, CH20000 / 1715MHz, Bandwidth 10MHz							
1715	H	16.845	1.1	4.915	20.660	30	-9.34
1715	V	16.485	1.1	4.915	20.300	30	-9.7
64QAM, CH20025 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.795	1.1	4.915	20.610	30	-9.39
1717.5	V	16.455	1.1	4.915	20.270	30	-9.73
64QAM, CH20050 / 1720MHz, Bandwidth 20MHz							
1720	H	16.725	1.1	4.915	20.540	30	-9.46
1720	V	16.565	1.1	4.915	20.380	30	-9.62

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
1732.5	H	17.019	1.11	4.861	20.770	30	-9.23
1732.5	V	17.099	1.11	4.861	20.850	30	-9.15
QPSK, CH20175 /1732.5MHz, Bandwidth 3MHz							
1732.5	H	16.979	1.11	4.861	20.730	30	-9.27
1732.5	V	17.129	1.11	4.861	20.880	30	-9.12
QPSK, CH20175 /1732.5MHz, Bandwidth 5MHz							
1732.5	H	17.059	1.11	4.861	20.810	30	-9.19
1732.5	V	17.119	1.11	4.861	20.870	30	-9.13
QPSK, CH20175 /1732.5MHz, Bandwidth 10MHz							
1732.5	H	16.999	1.11	4.861	20.750	30	-9.25
1732.5	V	17.079	1.11	4.861	20.830	30	-9.17
QPSK, CH20175 /1732.5MHz, Bandwidth 15MHz							
1732.5	H	16.929	1.11	4.861	20.680	30	-9.32
1732.5	V	17.009	1.11	4.861	20.760	30	-9.24
QPSK, CH20175 /1732.5MHz, Bandwidth 20MHz							
1732.5	H	17.009	1.11	4.861	20.760	30	-9.24
1732.5	V	17.089	1.11	4.861	20.840	30	-9.16

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
1732.5	H	17.039	1.11	4.861	20.790	30	-9.21
1732.5	V	17.139	1.11	4.861	20.890	30	-9.11
16QAM, CH20175 /1732.5MHz, Bandwidth 3MHz							
1732.5	H	17.149	1.11	4.861	20.900	30	-9.1
1732.5	V	17.099	1.11	4.861	20.850	30	-9.15
16QAM, CH20175 /1732.5MHz, Bandwidth 5MHz							
1732.5	H	17.109	1.11	4.861	20.860	30	-9.14
1732.5	V	17.189	1.11	4.861	20.940	30	-9.06
16QAM, CH20175 /1732.5MHz, Bandwidth 10MHz							
1732.5	H	16.999	1.11	4.861	20.750	30	-9.25
1732.5	V	17.299	1.11	4.861	21.050	30	-8.95
16QAM, CH20175 /1732.5MHz, Bandwidth 15MHz							
1732.5	H	17.089	1.11	4.861	20.840	30	-9.16
1732.5	V	17.179	1.11	4.861	20.930	30	-9.07
16QAM, CH20175 /1732.5MHz, Bandwidth 20MHz							
1732.5	H	16.879	1.11	4.861	20.630	30	-9.37
1732.5	V	17.229	1.11	4.861	20.980	30	-9.02

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20175 /1732.5MHz, Bandwidth 1.4MHz							
1732.5	H	16.829	1.11	4.861	20.580	30	-9.42
1732.5	V	17.099	1.11	4.861	20.850	30	-9.15
64QAM, CH20175 /1732.5MHz, Bandwidth 3MHz							
1732.5	H	16.909	1.11	4.861	20.660	30	-9.34
1732.5	V	16.999	1.11	4.861	20.750	30	-9.25
64QAM, CH20175 /1732.5MHz, Bandwidth 5MHz							
1732.5	H	16.939	1.11	4.861	20.690	30	-9.31
1732.5	V	17.019	1.11	4.861	20.770	30	-9.23
64QAM, CH20175 /1732.5MHz, Bandwidth 10MHz							
1732.5	H	16.779	1.11	4.861	20.530	30	-9.47
1732.5	V	16.959	1.11	4.861	20.710	30	-9.29
64QAM, CH20175 /1732.5MHz, Bandwidth 15MHz							
1732.5	H	16.869	1.11	4.861	20.620	30	-9.38
1732.5	V	16.989	1.11	4.861	20.740	30	-9.26
64QAM, CH20175 /1732.5MHz, Bandwidth 20MHz							
1732.5	H	16.839	1.11	4.861	20.590	30	-9.41
1732.5	V	17.019	1.11	4.861	20.770	30	-9.23

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
1754.3	H	17.544	1.11	4.806	21.240	30	-8.76
1754.3	V	17.444	1.11	4.806	21.140	30	-8.86
QPSK, CH20385 / 1753.5MHz, Bandwidth 3MHz							
1753.5	H	17.524	1.11	4.806	21.220	30	-8.78
1753.5	V	17.404	1.11	4.806	21.100	30	-8.9
QPSK, CH20375 / 1752.5MHz, Bandwidth 5MHz							
1752.5	H	17.424	1.11	4.806	21.120	30	-8.88
1752.5	V	17.454	1.11	4.806	21.150	30	-8.85
QPSK, CH20350 / 1750MHz, Bandwidth 10MHz							
1750	H	17.444	1.11	4.806	21.140	30	-8.86
1750	V	17.484	1.11	4.806	21.180	30	-8.82
QPSK, CH20325 / 1747.5MHz, Bandwidth 15MHz							
1747.5	H	17.364	1.11	4.806	21.060	30	-8.94
1747.5	V	17.344	1.11	4.806	21.040	30	-8.96
QPSK, CH20300 / 1745MHz, Bandwidth 20MHz							
1745	H	17.384	1.11	4.806	21.080	30	-8.92
1745	V	17.424	1.11	4.806	21.120	30	-8.88

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
1754.3	H	17.394	1.11	4.806	21.090	30	-8.91
1754.3	V	17.534	1.11	4.806	21.230	30	-8.77
16QAM, CH20385 / 1753.5MHz, Bandwidth 3MHz							
1753.5	H	17.314	1.11	4.806	21.010	30	-8.99
1753.5	V	17.594	1.11	4.806	21.290	30	-8.71
16QAM, CH20375 / 1752.5MHz, Bandwidth 5MHz							
1752.5	H	17.494	1.11	4.806	21.190	30	-8.81
1752.5	V	17.504	1.11	4.806	21.200	30	-8.8
16QAM, CH20350 / 1750MHz, Bandwidth 10MHz							
1750	H	17.414	1.11	4.806	21.110	30	-8.89
1750	V	17.514	1.11	4.806	21.210	30	-8.79
16QAM, CH20325 / 1747.5MHz, Bandwidth 15MHz							
1747.5	H	17.374	1.11	4.806	21.070	30	-8.93
1747.5	V	17.534	1.11	4.806	21.230	30	-8.77
16QAM, CH20300 / 1745MHz, Bandwidth 20MHz							
1745	H	17.434	1.11	4.806	21.130	30	-8.87
1745	V	17.444	1.11	4.806	21.140	30	-8.86

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band4 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20393 / 1754.3MHz, Bandwidth 1.4MHz							
1754.3	H	17.374	1.11	4.806	21.070	30	-8.93
1754.3	V	17.414	1.11	4.806	21.110	30	-8.89
64QAM, CH20385 / 1753.5MHz, Bandwidth 3MHz							
1753.5	H	17.334	1.11	4.806	21.030	30	-8.97
1753.5	V	17.454	1.11	4.806	21.150	30	-8.85
64QAM, CH20375 / 1752.5MHz, Bandwidth 5MHz							
1752.5	H	17.334	1.11	4.806	21.030	30	-8.97
1752.5	V	17.554	1.11	4.806	21.250	30	-8.75
64QAM, CH20350 / 1750MHz, Bandwidth 10MHz							
1750	H	17.444	1.11	4.806	21.140	30	-8.86
1750	V	17.534	1.11	4.806	21.230	30	-8.77
64QAM, CH20325 / 1747.5MHz, Bandwidth 15MHz							
1747.5	H	17.394	1.11	4.806	21.090	30	-8.91
1747.5	V	17.474	1.11	4.806	21.170	30	-8.83
64QAM, CH20300 / 1745MHz, Bandwidth 20MHz							
1745	H	17.334	1.11	4.806	21.030	30	-8.97
1745	V	17.594	1.11	4.806	21.290	30	-8.71

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	9.19	0.88	7.53	15.840	38.5	-22.66
824.7	V	11.71	0.88	7.53	18.360	38.5	-20.14
QPSK, CH20415 / 825.5MHz, Bandwidth 3MHz							
825.5	H	9.45	0.88	7.53	16.100	38.5	-22.4
825.5	V	12.02	0.88	7.53	18.670	38.5	-19.83
QPSK, CH20425 / 826.5MHz, Bandwidth 5MHz							
826.5	H	9.54	0.88	7.53	16.190	38.5	-22.31
826.5	V	12.14	0.88	7.53	18.790	38.5	-19.71
QPSK, CH20450 / 829MHz, Bandwidth 10MHz							
829	H	8.82	0.88	7.53	15.470	38.5	-23.03
829	V	11.67	0.88	7.53	18.320	38.5	-20.18
16QAM, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	9.33	0.88	7.53	15.980	38.5	-22.52
824.7	V	11.91	0.88	7.53	18.560	38.5	-19.94
16QAM, CH20415 / 825.5MHz, Bandwidth 3MHz							
825.5	H	9.47	0.88	7.53	16.120	38.5	-22.38
825.5	V	11.72	0.88	7.53	18.370	38.5	-20.13
16QAM, CH20425 / 826.5MHz, Bandwidth 5MHz							
826.5	H	9.78	0.88	7.53	16.430	38.5	-22.07
826.5	V	12.61	0.88	7.53	19.260	38.5	-19.24
16QAM, CH20450 / 829MHz, Bandwidth 10MHz							
829	H	9.69	0.88	7.53	16.340	38.5	-22.16
829	V	12.64	0.88	7.53	19.290	38.5	-19.21

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20407 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	9.74	0.88	7.53	16.390	38.5	-22.11
824.7	V	12.6	0.88	7.53	19.250	38.5	-19.25
64QAM, CH20415 / 825.5MHz, Bandwidth 3MHz							
825.5	H	9.69	0.88	7.53	16.340	38.5	-22.16
825.5	V	12.73	0.88	7.53	19.380	38.5	-19.12
64QAM, CH20425 / 826.5MHz, Bandwidth 5MHz							
826.5	H	9.75	0.88	7.53	16.400	38.5	-22.1
826.5	V	12.59	0.88	7.53	19.240	38.5	-19.26
64QAM, CH20450 / 829MHz, Bandwidth 10MHz							
829	H	9.79	0.88	7.53	16.440	38.5	-22.06
829	V	12.66	0.88	7.53	19.310	38.5	-19.19

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	8.37	0.88	7.53	15.020	38.5	-23.48
836.5	V	11.33	0.88	7.53	17.980	38.5	-20.52
QPSK, CH20525 / 836.5MHz, Bandwidth 3MHz							
836.5	H	8.48	0.88	7.53	15.130	38.5	-23.37
836.5	V	11.46	0.88	7.53	18.110	38.5	-20.39
QPSK, CH20525 / 836.5MHz, Bandwidth 5MHz							
836.5	H	8.82	0.88	7.53	15.470	38.5	-23.03
836.5	V	11.62	0.88	7.53	18.270	38.5	-20.23
QPSK, CH20525 / 836.5MHz, Bandwidth 10MHz							
836.5	H	8.73	0.88	7.53	15.380	38.5	-23.12
836.5	V	11.54	0.88	7.53	18.190	38.5	-20.31
16QAM, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	9.17	0.88	7.53	15.820	38.5	-22.68
836.5	V	11.98	0.88	7.53	18.630	38.5	-19.87
16QAM, CH20525 / 836.5MHz, Bandwidth 3MHz							
836.5	H	9.14	0.88	7.53	15.790	38.5	-22.71
836.5	V	12.16	0.88	7.53	18.810	38.5	-19.69
16QAM, CH20525 / 836.5MHz, Bandwidth 5MHz							
836.5	H	9.31	0.88	7.53	15.960	38.5	-22.54
836.5	V	12.13	0.88	7.53	18.780	38.5	-19.72
16QAM, CH20525 / 836.5MHz, Bandwidth 10MHz							
836.5	H	9.22	0.88	7.53	15.870	38.5	-22.63
836.5	V	12.08	0.88	7.53	18.730	38.5	-19.77

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20525 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	9.19	0.88	7.53	15.840	38.5	-22.66
836.5	V	12.02	0.88	7.53	18.670	38.5	-19.83
64QAM, CH20525 / 836.5MHz, Bandwidth 3MHz							
836.5	H	12.26	0.88	7.53	18.910	38.5	-19.59
836.5	V	15.17	0.88	7.53	21.820	38.5	-16.68
64QAM, CH20525 / 836.5MHz, Bandwidth 5MHz							
836.5	H	9.15	0.88	7.53	15.800	38.5	-22.7
836.5	V	12.11	0.88	7.53	18.760	38.5	-19.74
64QAM, CH20525 / 836.5MHz, Bandwidth 10MHz							
836.5	H	9.22	0.88	7.53	15.870	38.5	-22.63
836.5	V	12.12	0.88	7.53	18.770	38.5	-19.73

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	8.91	0.88	7.54	15.570	38.5	-22.93
848.3	V	12.32	0.88	7.54	18.980	38.5	-19.52
QPSK, CH20635 / 847.5MHz, Bandwidth 3MHz							
847.5	H	9.12	0.88	7.54	15.780	38.5	-22.72
847.5	V	12.47	0.88	7.54	19.130	38.5	-19.37
QPSK, CH20625 / 846.5MHz, Bandwidth 5MHz							
846.5	H	9.14	0.88	7.54	15.800	38.5	-22.7
846.5	V	12.38	0.88	7.54	19.040	38.5	-19.46
QPSK, CH20600 / 844MHz, Bandwidth 10MHz							
844	H	8.41	0.88	7.54	15.070	38.5	-23.43
844	V	11.78	0.88	7.54	18.440	38.5	-20.06
16QAM, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	9.12	0.88	7.54	15.780	38.5	-22.72
848.3	V	12.62	0.88	7.54	19.280	38.5	-19.22
16QAM, CH20635 / 847.5MHz, Bandwidth 3MHz							
847.5	H	9.06	0.88	7.54	15.720	38.5	-22.78
847.5	V	12.68	0.88	7.54	19.340	38.5	-19.16
16QAM, CH20625 / 846.5MHz, Bandwidth 5MHz							
846.5	H	9.32	0.88	7.54	15.980	38.5	-22.52
846.5	V	12.74	0.88	7.54	19.400	38.5	-19.1
16QAM, CH20600 / 844MHz, Bandwidth 10MHz							
844	H	9.18	0.88	7.54	15.840	38.5	-22.66
844	V	12.72	0.88	7.54	19.380	38.5	-19.12

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band5 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20643 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	9.06	0.88	7.54	15.720	38.5	-22.78
848.3	V	12.77	0.88	7.54	19.430	38.5	-19.07
64QAM, CH20635 / 847.5MHz, Bandwidth 3MHz							
847.5	H	9.17	0.88	7.54	15.830	38.5	-22.67
847.5	V	12.71	0.88	7.54	19.370	38.5	-19.13
64QAM, CH20625 / 846.5MHz, Bandwidth 5MHz							
846.5	H	9.11	0.88	7.54	15.770	38.5	-22.73
846.5	V	12.73	0.88	7.54	19.390	38.5	-19.11
64QAM, CH20600 / 844MHz, Bandwidth 10MHz							
844	H	9.23	0.88	7.54	15.890	38.5	-22.61
844	V	12.65	0.88	7.54	19.310	38.5	-19.19

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH20775 / 2502.5MHz, Bandwidth 5MHz							
2502.5	H	12.914	1.14	5.636	17.410	33	-15.59
2502.5	V	17.504	1.14	5.636	22.000	33	-11
QPSK, CH20800 / 2505MHz, Bandwidth 10MHz							
2505	H	12.954	1.14	5.636	17.450	33	-15.55
2505	V	17.454	1.14	5.636	21.950	33	-11.05
QPSK, CH20825 / 2507.5MHz, Bandwidth 15MHz							
2507.5	H	12.894	1.14	5.636	17.390	33	-15.61
2507.5	V	17.364	1.14	5.636	21.860	33	-11.14
QPSK, CH20850 / 2510MHz, Bandwidth 20MHz							
2510	H	13.034	1.14	5.636	17.530	33	-15.47
2510	V	17.444	1.14	5.636	21.940	33	-11.06
16QAM, CH20775 / 2502.5MHz, Bandwidth 5MHz							
2502.5	H	12.854	1.14	5.636	17.350	33	-15.65
2502.5	V	17.414	1.14	5.636	21.910	33	-11.09
16QAM, CH20800 / 2505MHz, Bandwidth 10MHz							
2505	H	12.874	1.14	5.636	17.370	33	-15.63
2505	V	17.494	1.14	5.636	21.990	33	-11.01
16QAM, CH20825 / 2507.5MHz, Bandwidth 15MHz							
2507.5	H	12.964	1.14	5.636	17.460	33	-15.54
2507.5	V	17.354	1.14	5.636	21.850	33	-11.15
16QAM, CH20850 / 2510MHz, Bandwidth 20MHz							
2510	H	13.014	1.14	5.636	17.510	33	-15.49
2510	V	17.284	1.14	5.636	21.780	33	-11.22

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH20775 / 2502.5MHz, Bandwidth 5MHz							
2502.5	H	12.894	1.14	5.636	17.390	33	-15.61
2502.5	V	17.234	1.14	5.636	21.730	33	-11.27
64QAM, CH20800 / 2505MHz, Bandwidth 10MHz							
2505	H	12.924	1.14	5.636	17.420	33	-15.58
2505	V	17.184	1.14	5.636	21.680	33	-11.32
64QAM, CH20825 / 2507.5MHz, Bandwidth 15MHz							
2507.5	H	12.874	1.14	5.636	17.370	33	-15.63
2507.5	V	17.114	1.14	5.636	21.610	33	-11.39
64QAM, CH20850 / 2510MHz, Bandwidth 20MHz							
2510	H	12.824	1.14	5.636	17.320	33	-15.68
2510	V	17.144	1.14	5.636	21.640	33	-11.36

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21100 / 2535MHz, Bandwidth 5MHz							
2535	H	12.578	1.15	5.732	17.160	33	-15.84
2535	V	17.758	1.15	5.732	22.340	33	-10.66
QPSK, CH21100 / 2535MHz, Bandwidth 10MHz							
2535	H	12.248	1.15	5.732	16.830	33	-16.17
2535	V	17.588	1.15	5.732	22.170	33	-10.83
QPSK, CH21100 / 2535MHz, Bandwidth 15MHz							
2535	H	12.508	1.15	5.732	17.090	33	-15.91
2535	V	17.778	1.15	5.732	22.360	33	-10.64
QPSK, CH21100 / 2535MHz, Bandwidth 20MHz							
2535	H	12.208	1.15	5.732	16.790	33	-16.21
2535	V	17.558	1.15	5.732	22.140	33	-10.86
16QAM, CH21100 / 2535MHz, Bandwidth 5MHz							
2535	H	12.428	1.15	5.732	17.010	33	-15.99
2535	V	17.638	1.15	5.732	22.220	33	-10.78
16QAM, CH21100 / 2535MHz, Bandwidth 10MHz							
2535	H	12.218	1.15	5.732	16.800	33	-16.2
2535	V	17.618	1.15	5.732	22.200	33	-10.8
16QAM, CH21100 / 2535MHz, Bandwidth 15MHz							
2535	H	12.538	1.15	5.732	17.120	33	-15.88
2535	V	17.548	1.15	5.732	22.130	33	-10.87
16QAM, CH21100 / 2535MHz, Bandwidth 20MHz							
2535	H	12.408	1.15	5.732	16.990	33	-16.01
2535	V	17.608	1.15	5.732	22.190	33	-10.81

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH21100 / 2535MHz, Bandwidth 5MHz							
2535	H	12.498	1.15	5.732	17.080	33	-15.92
2535	V	17.538	1.15	5.732	22.120	33	-10.88
64QAM, CH21100 / 2535MHz, Bandwidth 10MHz							
2535	H	12.438	1.15	5.732	17.020	33	-15.98
2535	V	17.508	1.15	5.732	22.090	33	-10.91
64QAM, CH21100 / 2535MHz, Bandwidth 15MHz							
2535	H	12.388	1.15	5.732	16.970	33	-16.03
2535	V	17.558	1.15	5.732	22.140	33	-10.86
64QAM, CH21100 / 2535MHz, Bandwidth 20MHz							
2535	H	12.328	1.15	5.732	16.910	33	-16.09
2535	V	17.598	1.15	5.732	22.180	33	-10.82

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH21425 / 2567.5MHz, Bandwidth 5MHz							
2567.5	H	12.711	1.15	5.779	17.340	33	-15.66
2567.5	V	17.831	1.15	5.779	22.460	33	-10.54
QPSK, CH21400 / 2565MHz, Bandwidth 10MHz							
2565	H	12.381	1.15	5.779	17.010	33	-15.99
2565	V	17.721	1.15	5.779	22.350	33	-10.65
QPSK, CH21375 / 2562.5MHz, Bandwidth 15MHz							
2562.5	H	12.351	1.15	5.779	16.980	33	-16.02
2562.5	V	17.681	1.15	5.779	22.310	33	-10.69
QPSK, CH21350 / 2560MHz, Bandwidth 20MHz							
2560	H	12.221	1.15	5.779	16.850	33	-16.15
2560	V	17.671	1.15	5.779	22.300	33	-10.7
16QAM, CH21425 / 2567.5MHz, Bandwidth 5MHz							
2567.5	H	12.251	1.15	5.779	16.880	33	-16.12
2567.5	V	17.741	1.15	5.779	22.370	33	-10.63
16QAM, CH21400 / 2565MHz, Bandwidth 10MHz							
2565	H	12.281	1.15	5.779	16.910	33	-16.09
2565	V	17.831	1.15	5.779	22.460	33	-10.54
16QAM, CH21375 / 2562.5MHz, Bandwidth 15MHz							
2562.5	H	12.311	1.15	5.779	16.940	33	-16.06
2562.5	V	17.881	1.15	5.779	22.510	33	-10.49
16QAM, CH21350 / 2560MHz, Bandwidth 20MHz							
2560	H	12.211	1.15	5.779	16.840	33	-16.16
2560	V	17.851	1.15	5.779	22.480	33	-10.52

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band7 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH21425 / 2567.5MHz, Bandwidth 5MHz							
2567.5	H	12.361	1.15	5.779	16.990	33	-16.01
2567.5	V	17.791	1.15	5.779	22.420	33	-10.58
64QAM, CH21400 / 2565MHz, Bandwidth 10MHz							
2565	H	12.291	1.15	5.779	16.920	33	-16.08
2565	V	17.771	1.15	5.779	22.400	33	-10.6
64QAM, CH21375 / 2562.5MHz, Bandwidth 15MHz							
2562.5	H	12.381	1.15	5.779	17.010	33	-15.99
2562.5	V	17.741	1.15	5.779	22.370	33	-10.63
64QAM, CH21350 / 2560MHz, Bandwidth 20MHz							
2560	H	12.181	1.15	5.779	16.810	33	-16.19
2560	V	17.821	1.15	5.779	22.450	33	-10.55

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
699.7	H	13.51	0.84	7.4	20.070	34.8	-14.73
699.7	V	13.37	0.84	7.4	19.930	34.8	-14.87
QPSK, CH23025 / 700.5MHz, Bandwidth 3MHz							
700.5	H	13.63	0.84	7.4	20.190	34.8	-14.61
700.5	V	13.11	0.84	7.4	19.670	34.8	-15.13
QPSK, CH23035 / 701.5MHz, Bandwidth 5MHz							
701.5	H	13.68	0.84	7.4	20.240	34.8	-14.56
701.5	V	13.81	0.84	7.4	20.370	34.8	-14.43
QPSK, CH23060 / 704MHz, Bandwidth 10MHz							
704	H	13.93	0.84	7.4	20.490	34.8	-14.31
704	V	14.36	0.84	7.4	20.920	34.8	-13.88
16QAM, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
699.7	H	14.12	0.84	7.4	20.680	34.8	-14.12
699.7	V	14.3	0.84	7.4	20.860	34.8	-13.94
16QAM, CH23025 / 700.5MHz, Bandwidth 3MHz							
700.5	H	14.18	0.84	7.4	20.740	34.8	-14.06
700.5	V	14.26	0.84	7.4	20.820	34.8	-13.98
16QAM, CH23035 / 701.5MHz, Bandwidth 5MHz							
701.5	H	14.24	0.84	7.4	20.800	34.8	-14
701.5	V	14.25	0.84	7.4	20.810	34.8	-13.99
16QAM, CH23060 / 704MHz, Bandwidth 10MHz							
704	H	14.23	0.84	7.4	20.790	34.8	-14.01
704	V	14.3	0.84	7.4	20.860	34.8	-13.94

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH23017 / 699.7MHz, Bandwidth 1.4MHz							
699.7	H	14.13	0.84	7.4	20.690	34.8	-14.11
699.7	V	14.19	0.84	7.4	20.750	34.8	-14.05
64QAM, CH23025 / 700.5MHz, Bandwidth 3MHz							
700.5	H	14.19	0.84	7.4	20.750	34.8	-14.05
700.5	V	14.33	0.84	7.4	20.890	34.8	-13.91
64QAM, CH23035 / 701.5MHz, Bandwidth 5MHz							
701.5	H	14.11	0.84	7.4	20.670	34.8	-14.13
701.5	V	14.26	0.84	7.4	20.820	34.8	-13.98
64QAM, CH23060 / 704MHz, Bandwidth 10MHz							
704	H	14.18	0.84	7.4	20.740	34.8	-14.06
704	V	14.29	0.84	7.4	20.850	34.8	-13.95

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
707.5	H	13.15	0.84	7.43	19.740	34.8	-15.06
707.5	V	13.91	0.84	7.43	20.500	34.8	-14.3
QPSK, CH23095 / 707.5MHz, Bandwidth 3MHz							
707.5	H	13.34	0.84	7.43	19.930	34.8	-14.87
707.5	V	14.07	0.84	7.43	20.660	34.8	-14.14
QPSK, CH23095 / 707.5MHz, Bandwidth 5MHz							
707.5	H	13.49	0.84	7.43	20.080	34.8	-14.72
707.5	V	14.29	0.84	7.43	20.880	34.8	-13.92
QPSK, CH23095 / 707.5MHz, Bandwidth 10MHz							
707.5	H	13.52	0.84	7.43	20.110	34.8	-14.69
707.5	V	14.17	0.84	7.43	20.760	34.8	-14.04
16QAM, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
707.5	H	13.86	0.84	7.43	20.450	34.8	-14.35
707.5	V	14.52	0.84	7.43	21.110	34.8	-13.69
16QAM, CH23095 / 707.5MHz, Bandwidth 3MHz							
707.5	H	13.94	0.84	7.43	20.530	34.8	-14.27
707.5	V	14.49	0.84	7.43	21.080	34.8	-13.72
16QAM, CH23095 / 707.5MHz, Bandwidth 5MHz							
707.5	H	14.12	0.84	7.43	20.710	34.8	-14.09
707.5	V	14.62	0.84	7.43	21.210	34.8	-13.59
16QAM, CH23095 / 707.5MHz, Bandwidth 10MHz							
707.5	H	14.03	0.84	7.43	20.620	34.8	-14.18
707.5	V	14.43	0.84	7.43	21.020	34.8	-13.78

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH23095 / 707.5MHz, Bandwidth 1.4MHz							
707.5	H	14.1	0.84	7.43	20.690	34.8	-14.11
707.5	V	14.42	0.84	7.43	21.010	34.8	-13.79
64QAM, CH23095 / 707.5MHz, Bandwidth 3MHz							
707.5	H	13.95	0.84	7.43	20.540	34.8	-14.26
707.5	V	14.4	0.84	7.43	20.990	34.8	-13.81
64QAM, CH23095 / 707.5MHz, Bandwidth 5MHz							
707.5	H	13.93	0.84	7.43	20.520	34.8	-14.28
707.5	V	14.44	0.84	7.43	21.030	34.8	-13.77
64QAM, CH23095 / 707.5MHz, Bandwidth 10MHz							
707.5	H	14.07	0.84	7.43	20.660	34.8	-14.14
707.5	V	14.58	0.84	7.43	21.170	34.8	-13.63

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
715.3	H	12.61	0.84	7.48	19.250	34.8	-15.55
715.3	V	14.16	0.84	7.48	20.800	34.8	-14
QPSK, CH23165 / 714.5MHz, Bandwidth 3MHz							
714.5	H	12.92	0.84	7.48	19.560	34.8	-15.24
714.5	V	12.67	0.84	7.48	19.310	34.8	-15.49
QPSK, CH23155 / 713.5MHz, Bandwidth 5MHz							
713.5	H	13.23	0.84	7.48	19.870	34.8	-14.93
713.5	V	14.73	0.84	7.48	21.370	34.8	-13.43
QPSK, CH23130 / 711MHz, Bandwidth 10MHz							
711	H	12.94	0.84	7.48	19.580	34.8	-15.22
711	V	14.14	0.84	7.48	20.780	34.8	-14.02
16QAM, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
715.3	H	13.12	0.84	7.48	19.760	34.8	-15.04
715.3	V	14.28	0.84	7.48	20.920	34.8	-13.88
16QAM, CH23165 / 714.5MHz, Bandwidth 3MHz							
714.5	H	13.25	0.84	7.48	19.890	34.8	-14.91
714.5	V	14.81	0.84	7.48	21.450	34.8	-13.35
16QAM, CH23155 / 713.5MHz, Bandwidth 5MHz							
713.5	H	13.34	0.84	7.48	19.980	34.8	-14.82
713.5	V	14.89	0.84	7.48	21.530	34.8	-13.27
16QAM, CH23130 / 711MHz, Bandwidth 10MHz							
711	H	13.39	0.84	7.48	20.030	34.8	-14.77
711	V	14.93	0.84	7.48	21.570	34.8	-13.23

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band12 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH23173 / 715.3MHz, Bandwidth 1.4MHz							
715.3	H	13.14	0.84	7.48	19.780	34.8	-15.02
715.3	V	14.77	0.84	7.48	21.410	34.8	-13.39
64QAM, CH23165 / 714.5MHz, Bandwidth 3MHz							
714.5	H	13.48	0.84	7.48	20.120	34.8	-14.68
714.5	V	14.87	0.84	7.48	21.510	34.8	-13.29
64QAM, CH23155 / 713.5MHz, Bandwidth 5MHz							
713.5	H	13.38	0.84	7.48	20.020	34.8	-14.78
713.5	V	14.91	0.84	7.48	21.550	34.8	-13.25
64QAM, CH23130 / 711MHz, Bandwidth 10MHz							
711	H	13.27	0.84	7.48	19.910	34.8	-14.89
711	V	14.85	0.84	7.48	21.490	34.8	-13.31

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band13 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23205 / 779.5MHz, Bandwidth 5MHz							
779.5	H	13.15	0.85	7.55	19.850	34.8	-14.95
779.5	V	14.82	0.85	7.55	21.520	34.8	-13.28
16QAM, CH23205 / 779.5MHz, Bandwidth 5MHz							
779.5	H	13.19	0.85	7.55	19.890	34.8	-14.91
779.5	V	14.96	0.85	7.55	21.660	34.8	-13.14
64QAM, CH23205 / 779.5MHz, Bandwidth 5MHz							
779.5	H	13.03	0.85	7.55	19.730	34.8	-15.07
779.5	V	14.92	0.85	7.55	21.620	34.8	-13.18

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band13 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23230 / 782MHz, Bandwidth 5MHz							
782	H	13.91	0.85	7.54	20.600	34.8	-14.2
782	V	14.4	0.85	7.54	21.090	34.8	-13.71
QPSK, CH23230 / 782MHz, Bandwidth 10MHz							
782	H	13.87	0.85	7.54	20.560	34.8	-14.24
782	V	14.32	0.85	7.54	21.010	34.8	-13.79
16QAM, CH23230 / 782MHz, Bandwidth 5MHz							
782	H	13.75	0.85	7.54	20.440	34.8	-14.36
782	V	14.28	0.85	7.54	20.970	34.8	-13.83
16QAM, CH23230 / 782MHz, Bandwidth 10MHz							
782	H	13.92	0.85	7.54	20.610	34.8	-14.19
782	V	14.42	0.85	7.54	21.110	34.8	-13.69
64QAM, CH23230 / 782MHz, Bandwidth 5MHz							
782	H	13.96	0.85	7.54	20.650	34.8	-14.15
782	V	14.36	0.85	7.54	21.050	34.8	-13.75
64QAM, CH23230 / 782MHz, Bandwidth 10MHz							
782	H	13.84	0.85	7.54	20.530	34.8	-14.27
782	V	14.33	0.85	7.54	21.020	34.8	-13.78

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band13 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH23255 / 784.5MHz, Bandwidth 5MHz							
784.5	H	13.81	0.85	7.54	20.500	34.8	-14.3
784.5	V	13.93	0.85	7.54	20.620	34.8	-14.18
16QAM, CH23255 / 784.5MHz, Bandwidth 5MHz							
784.5	H	13.76	0.85	7.54	20.450	34.8	-14.35
784.5	V	14.05	0.85	7.54	20.740	34.8	-14.06
64QAM, CH23255 / 784.5MHz, Bandwidth 5MHz							
784.5	H	13.88	0.85	7.54	20.570	34.8	-14.23
784.5	V	14.13	0.85	7.54	20.820	34.8	-13.98

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26697 / 814.7MHz, Bandwidth 1.4MHz							
814.7	H	13.32	0.88	7.52	19.960	50	-30.04
814.7	V	12.77	0.88	7.52	19.410	50	-30.59
QPSK, CH26705 / 815.5MHz, Bandwidth 3MHz							
815.5	H	13.29	0.88	7.52	19.930	50	-30.07
815.5	V	13.26	0.88	7.52	19.900	50	-30.1
QPSK, CH26715 / 816.5MHz, Bandwidth 5MHz							
816.5	H	13.25	0.88	7.52	19.890	50	-30.11
816.5	V	14.17	0.88	7.52	20.810	50	-29.19
QPSK, CH26765 / 821.5MHz, Bandwidth 15MHz							
821.5	H	14.03	0.88	7.53	20.680	50	-29.32
821.5	V	12.71	0.88	7.53	19.360	50	-30.64

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH26697 / 814.7MHz, Bandwidth 1.4MHz							
814.7	H	14.25	0.88	7.52	20.890	50	-29.11
814.7	V	13.27	0.88	7.52	19.910	50	-30.09
16QAM, CH26705 / 815.5MHz, Bandwidth 3MHz							
815.5	H	14.32	0.88	7.52	20.960	50	-29.04
815.5	V	13.36	0.88	7.52	20.000	50	-30
16QAM, CH26715 / 816.5MHz, Bandwidth 5MHz							
816.5	H	14.54	0.88	7.52	21.180	50	-28.82
816.5	V	13.44	0.88	7.52	20.080	50	-29.92
16QAM, CH26765 / 821.5MHz, Bandwidth 15MHz							
821.5	H	14.42	0.88	7.53	21.070	50	-28.93
821.5	V	13.34	0.88	7.53	19.990	50	-30.01

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH26697 / 814.7MHz, Bandwidth 1.4MHz							
814.7	H	14.48	0.88	7.52	21.120	50	-28.88
814.7	V	13.43	0.88	7.52	20.070	50	-29.93
64QAM, CH26705 / 815.5MHz, Bandwidth 3MHz							
815.5	H	14.44	0.88	7.52	21.080	50	-28.92
815.5	V	13.29	0.88	7.52	19.930	50	-30.07
64QAM, CH26715 / 816.5MHz, Bandwidth 5MHz							
816.5	H	14.47	0.88	7.52	21.110	50	-28.89
816.5	V	13.48	0.88	7.52	20.120	50	-29.88
64QAM, CH26765 / 821.5MHz, Bandwidth 15MHz							
821.5	H	14.35	0.88	7.53	21.000	50	-29
821.5	V	13.39	0.88	7.53	20.040	50	-29.96

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26740 / 819MHz, Bandwidth 1.4MHz							
819	H	13.22	0.88	7.52	19.860	50	-30.14
819	V	12.1	0.88	7.52	18.740	50	-31.26
QPSK, CH26740 / 819MHz, Bandwidth 3MHz							
819	H	13.09	0.88	7.52	19.730	50	-30.27
819	V	12.04	0.88	7.52	18.680	50	-31.32
QPSK, CH26740 / 819MHz, Bandwidth 5MHz							
819	H	13.88	0.88	7.52	20.520	50	-29.48
819	V	12.88	0.88	7.52	19.520	50	-30.48
QPSK, CH26740 / 819MHz, Bandwidth 10MHz							
819	H	13.93	0.88	7.52	20.570	50	-29.43
819	V	13.05	0.88	7.52	19.690	50	-30.31

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH26740 / 819MHz, Bandwidth 1.4MHz							
819	H	13.95	0.88	7.52	20.590	50	-29.41
819	V	12.98	0.88	7.52	19.620	50	-30.38
16QAM, CH26740 / 819MHz, Bandwidth 3MHz							
819	H	13.91	0.88	7.52	20.550	50	-29.45
819	V	12.93	0.88	7.52	19.570	50	-30.43
16QAM, CH26740 / 819MHz, Bandwidth 5MHz							
819	H	13.96	0.88	7.52	20.600	50	-29.4
819	V	12.87	0.88	7.52	19.510	50	-30.49
16QAM, CH26740 / 819MHz, Bandwidth 10MHz							
819	H	13.98	0.88	7.52	20.620	50	-29.38
819	V	12.9	0.88	7.52	19.540	50	-30.46

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH26740 / 819MHz, Bandwidth 1.4MHz							
819	H	13.92	0.88	7.52	20.560	50	-29.44
819	V	12.85	0.88	7.52	19.490	50	-30.51
64QAM, CH26740 / 819MHz, Bandwidth 3MHz							
819	H	14	0.88	7.52	20.640	50	-29.36
819	V	12.92	0.88	7.52	19.560	50	-30.44
64QAM, CH26740 / 819MHz, Bandwidth 5MHz							
819	H	14.03	0.88	7.52	20.670	50	-29.33
819	V	12.87	0.88	7.52	19.510	50	-30.49
64QAM, CH26740 / 819MHz, Bandwidth 10MHz							
819	H	13.88	0.88	7.52	20.520	50	-29.48
819	V	12.84	0.88	7.52	19.480	50	-30.52

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26783 / 823.3MHz, Bandwidth 1.4MHz							
823.3	H	13.52	0.88	7.53	20.170	50	-29.83
823.3	V	11.85	0.88	7.53	18.500	50	-31.5
QPSK, CH26775 / 822.5MHz, Bandwidth 3MHz							
822.5	H	13.7	0.88	7.53	20.350	50	-29.65
822.5	V	12.08	0.88	7.53	18.730	50	-31.27
QPSK, CH26765 / 821.5MHz, Bandwidth 5MHz							
821.5	H	13.79	0.88	7.53	20.440	50	-29.56
821.5	V	12.35	0.88	7.53	19.000	50	-31

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH26783 / 823.3MHz, Bandwidth 1.4MHz							
823.3	H	14.04	0.88	7.53	20.690	50	-29.31
823.3	V	12.87	0.88	7.53	19.520	50	-30.48
16QAM, CH26775 / 822.5MHz, Bandwidth 3MHz							
822.5	H	14.07	0.88	7.53	20.720	50	-29.28
822.5	V	12.84	0.88	7.53	19.490	50	-30.51
16QAM, CH26765 / 821.5MHz, Bandwidth 5MHz							
821.5	H	14.2	0.88	7.53	20.850	50	-29.15
821.5	V	12.79	0.88	7.53	19.440	50	-30.56

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part90S (814MHz-824MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH26783 / 823.3MHz, Bandwidth 1.4MHz							
823.3	H	14.06	0.88	7.53	20.710	50	-29.29
823.3	V	12.83	0.88	7.53	19.480	50	-30.52
64QAM, CH26775 / 822.5MHz, Bandwidth 3MHz							
822.5	H	14.16	0.88	7.53	20.810	50	-29.19
822.5	V	12.85	0.88	7.53	19.500	50	-30.5
64QAM, CH26765 / 821.5MHz, Bandwidth 5MHz							
821.5	H	14.24	0.88	7.53	20.890	50	-29.11
821.5	V	12.81	0.88	7.53	19.460	50	-30.54

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26797 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	13.55	0.88	7.52	20.190	38.5	-18.31
824.7	V	11.69	0.88	7.52	18.330	38.5	-20.17
QPSK, CH26805 / 825.5MHz, Bandwidth 3MHz							
825.5	H	13.59	0.88	7.52	20.230	38.5	-18.27
825.5	V	11.65	0.88	7.52	18.290	38.5	-20.21
QPSK, CH26815 / 826.5MHz, Bandwidth 5MHz							
826.5	H	13.75	0.88	7.52	20.390	38.5	-18.11
826.5	V	11.64	0.88	7.52	18.280	38.5	-20.22
QPSK, CH26840 / 829MHz, Bandwidth 10MHz							
829	H	13.73	0.88	7.52	20.370	38.5	-18.13
829	V	11.37	0.88	7.52	18.010	38.5	-20.49
QPSK, CH26865 / 831.5MHz, Bandwidth 15MHz							
831.5	H	13.61	0.88	7.52	20.250	38.5	-18.25
831.5	V	10.95	0.88	7.52	17.590	38.5	-20.91

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH26797 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	14.21	0.88	7.52	20.850	38.5	-17.65
824.7	V	11.88	0.88	7.52	18.520	38.5	-19.98
16QAM, CH26805 / 825.5MHz, Bandwidth 3MHz							
825.5	H	14.17	0.88	7.52	20.810	38.5	-17.69
825.5	V	11.83	0.88	7.52	18.470	38.5	-20.03
16QAM, CH26815 / 826.5MHz, Bandwidth 5MHz							
826.5	H	14.24	0.88	7.52	20.880	38.5	-17.62
826.5	V	12.02	0.88	7.52	18.660	38.5	-19.84
16QAM, CH26840 / 829MHz, Bandwidth 10MHz							
829	H	14.2	0.88	7.52	20.840	38.5	-17.66
829	V	12.05	0.88	7.52	18.690	38.5	-19.81
16QAM, CH26865 / 831.5MHz, Bandwidth 15MHz							
831.5	H	14.25	0.88	7.53	20.900	38.5	-17.6
831.5	V	11.99	0.88	7.53	18.640	38.5	-19.86

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Low Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH26797 / 824.7MHz, Bandwidth 1.4MHz							
824.7	H	14.24	0.88	7.52	20.880	38.5	-17.62
824.7	V	11.97	0.88	7.52	18.610	38.5	-19.89
64QAM, CH26805 / 825.5MHz, Bandwidth 3MHz							
825.5	H	14.17	0.88	7.52	20.810	38.5	-17.69
825.5	V	12.14	0.88	7.52	18.780	38.5	-19.72
64QAM, CH26815 / 826.5MHz, Bandwidth 5MHz							
826.5	H	14.12	0.88	7.52	20.760	38.5	-17.74
826.5	V	12.18	0.88	7.52	18.820	38.5	-19.68
64QAM, CH26840 / 829MHz, Bandwidth 10MHz							
829	H	14.25	0.88	7.52	20.890	38.5	-17.61
829	V	12.07	0.88	7.52	18.710	38.5	-19.79
64QAM, CH26865 / 831.5MHz, Bandwidth 15MHz							
831.5	H	14.26	0.88	7.53	20.910	38.5	-17.59
831.5	V	12.1	0.88	7.53	18.750	38.5	-19.75

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH26915 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	12.65	0.88	7.52	19.290	38.5	-19.21
836.5	V	9.87	0.88	7.52	16.510	38.5	-21.99
QPSK, CH26915 / 836.5MHz, Bandwidth 3MHz							
836.5	H	12.9	0.88	7.52	19.540	38.5	-18.96
836.5	V	10.24	0.88	7.52	16.880	38.5	-21.62
QPSK, CH26915 / 836.5MHz, Bandwidth 5MHz							
836.5	H	13.14	0.88	7.52	19.780	38.5	-18.72
836.5	V	10.33	0.88	7.52	16.970	38.5	-21.53
QPSK, CH26915 / 836.5MHz, Bandwidth 10MHz							
836.5	H	13.27	0.88	7.52	19.910	38.5	-18.59
836.5	V	10.54	0.88	7.52	17.180	38.5	-21.32
QPSK, CH26915 / 836.5MHz, Bandwidth 15MHz							
836.5	H	13.42	0.88	7.52	20.060	38.5	-18.44
836.5	V	10.61	0.88	7.52	17.250	38.5	-21.25

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH26915 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	13.57	0.88	7.52	20.210	38.5	-18.29
836.5	V	10.57	0.88	7.52	17.210	38.5	-21.29
16QAM, CH26915 / 836.5MHz, Bandwidth 3MHz							
836.5	H	13.63	0.88	7.52	20.270	38.5	-18.23
836.5	V	10.7	0.88	7.52	17.340	38.5	-21.16
16QAM, CH26915 / 836.5MHz, Bandwidth 5MHz							
836.5	H	13.66	0.88	7.52	20.300	38.5	-18.2
836.5	V	10.74	0.88	7.52	17.380	38.5	-21.12
16QAM, CH26915 / 836.5MHz, Bandwidth 10MHz							
836.5	H	13.72	0.88	7.52	20.360	38.5	-18.14
836.5	V	10.59	0.88	7.52	17.230	38.5	-21.27
16QAM, CH26915 / 836.5MHz, Bandwidth 15MHz							
836.5	H	13.67	0.88	7.52	20.310	38.5	-18.19
836.5	V	10.76	0.88	7.52	17.400	38.5	-21.1

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (Mid Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH26915 / 836.5MHz, Bandwidth 1.4MHz							
836.5	H	13.69	0.88	7.52	20.330	38.5	-18.17
836.5	V	10.81	0.88	7.52	17.450	38.5	-21.05
64QAM, CH26915 / 836.5MHz, Bandwidth 3MHz							
836.5	H	13.62	0.88	7.52	20.260	38.5	-18.24
836.5	V	10.77	0.88	7.52	17.410	38.5	-21.09
64QAM, CH26915 / 836.5MHz, Bandwidth 5MHz							
836.5	H	13.57	0.88	7.52	20.210	38.5	-18.29
836.5	V	10.84	0.88	7.52	17.480	38.5	-21.02
64QAM, CH26915 / 836.5MHz, Bandwidth 10MHz							
836.5	H	13.58	0.88	7.52	20.220	38.5	-18.28
836.5	V	10.8	0.88	7.52	17.440	38.5	-21.06
64QAM, CH26915 / 836.5MHz, Bandwidth 15MHz							
836.5	H	13.75	0.88	7.52	20.390	38.5	-18.11
836.5	V	10.77	0.88	7.52	17.410	38.5	-21.09

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27033 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	12.1	0.88	7.54	18.760	38.5	-19.74
848.3	V	7.71	0.88	7.54	14.370	38.5	-24.13
QPSK, CH27025 / 847.5MHz, Bandwidth 3MHz							
847.5	H	12.22	0.88	7.54	18.880	38.5	-19.62
847.5	V	7.8	0.88	7.54	14.460	38.5	-24.04
QPSK, CH27015 / 846.5MHz, Bandwidth 5MHz							
846.5	H	12.38	0.88	7.54	19.040	38.5	-19.46
846.5	V	8.05	0.88	7.54	14.710	38.5	-23.79
QPSK, CH26990 / 844MHz, Bandwidth 10MHz							
844	H	12.69	0.88	7.54	19.350	38.5	-19.15
844	V	9.01	0.88	7.54	15.670	38.5	-22.83
QPSK, CH26965 / 841.5MHz, Bandwidth 15MHz							
841.5	H	12.82	0.88	7.54	19.480	38.5	-19.02
841.5	V	9.47	0.88	7.54	16.130	38.5	-22.37

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH27033 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	12.71	0.88	7.54	19.370	38.5	-19.13
848.3	V	8.46	0.88	7.54	15.120	38.5	-23.38
16QAM, CH27025 / 847.5MHz, Bandwidth 3MHz							
847.5	H	12.69	0.88	7.54	19.350	38.5	-19.15
847.5	V	8.55	0.88	7.54	15.210	38.5	-23.29
16QAM, CH27015 / 846.5MHz, Bandwidth 5MHz							
846.5	H	12.8	0.88	7.54	19.460	38.5	-19.04
846.5	V	8.38	0.88	7.54	15.040	38.5	-23.46
16QAM, CH26990 / 844MHz, Bandwidth 10MHz							
844	H	12.68	0.88	7.54	19.340	38.5	-19.16
844	V	8.52	0.88	7.54	15.180	38.5	-23.32
16QAM, CH26965 / 841.5MHz, Bandwidth 15MHz							
841.5	H	12.85	0.88	7.54	19.510	38.5	-18.99
841.5	V	8.42	0.88	7.54	15.080	38.5	-23.42

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band26 (High Channel)_FCC Part22H (824MHz-849MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	ERP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH27033 / 848.3MHz, Bandwidth 1.4MHz							
848.3	H	12.9	0.88	7.54	19.560	38.5	-18.94
848.3	V	8.45	0.88	7.54	15.110	38.5	-23.39
64QAM, CH27025 / 847.5MHz, Bandwidth 3MHz							
847.5	H	12.77	0.88	7.54	19.430	38.5	-19.07
847.5	V	8.43	0.88	7.54	15.090	38.5	-23.41
64QAM, CH27015 / 846.5MHz, Bandwidth 5MHz							
846.5	H	12.83	0.88	7.54	19.490	38.5	-19.01
846.5	V	8.4	0.88	7.54	15.060	38.5	-23.44
64QAM, CH26990 / 844MHz, Bandwidth 10MHz							
844	H	12.78	0.88	7.54	19.440	38.5	-19.06
844	V	8.36	0.88	7.54	15.020	38.5	-23.48
64QAM, CH26965 / 841.5MHz, Bandwidth 15MHz							
841.5	H	12.81	0.88	7.54	19.470	38.5	-19.03
841.5	V	8.48	0.88	7.54	15.140	38.5	-23.36

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band30 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27685 / 2307.5MHz, Bandwidth 5MHz							
2307.5	H	14.18	1.17	5.22	18.230	33	-14.77
2307.5	V	19.41	1.17	5.22	23.460	33	-9.54
16QAM, CH27685 / 2307.5MHz, Bandwidth 5MHz							
2307.5	H	14.13	1.17	5.22	18.180	33	-14.82
2307.5	V	19.26	1.17	5.22	23.310	33	-9.69
64QAM, CH27685 / 2307.5MHz, Bandwidth 5MHz							
2307.5	H	14.09	1.17	5.22	18.140	33	-14.86
2307.5	V	19.37	1.17	5.22	23.420	33	-9.58

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band30 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27710 / 2310MHz, Bandwidth 5MHz							
2310	H	13.22	1.17	5.22	17.270	33	-15.73
2310	V	19.32	1.17	5.22	23.370	33	-9.63
QPSK, CH27710 / 2310MHz, Bandwidth 10MHz							
2310	H	13.18	1.17	5.22	17.230	33	-15.77
2310	V	19.26	1.17	5.22	23.310	33	-9.69
16QAM, CH27710 / 2310MHz, Bandwidth 5MHz							
2310	H	13.1	1.17	5.22	17.150	33	-15.85
2310	V	19.24	1.17	5.22	23.290	33	-9.71
16QAM, CH27710 / 2310MHz, Bandwidth 10MHz							
2310	H	13.26	1.17	5.22	17.310	33	-15.69
2310	V	19.3	1.17	5.22	23.350	33	-9.65
64QAM, CH27710 / 2310MHz, Bandwidth 5MHz							
2310	H	13.31	1.17	5.22	17.360	33	-15.64
2310	V	19.37	1.17	5.22	23.420	33	-9.58
64QAM, CH27710 / 2310MHz, Bandwidth 10MHz							
2310	H	13.24	1.17	5.22	17.290	33	-15.71
2310	V	19.41	1.17	5.22	23.460	33	-9.54

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band30 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH27735 / 2312.5MHz, Bandwidth 5MHz							
2312.5	H	12.84	1.17	5.22	16.890	33	-16.11
2312.5	V	19.43	1.17	5.22	23.480	33	-9.52
16QAM, CH27735 / 2312.5MHz, Bandwidth 5MHz							
2312.5	H	12.88	1.17	5.22	16.930	33	-16.07
2312.5	V	19.39	1.17	5.22	23.440	33	-9.56
64QAM, CH27735 / 2312.5MHz, Bandwidth 5MHz							
2312.5	H	12.82	1.17	5.22	16.870	33	-16.13
2312.5	V	19.31	1.17	5.22	23.360	33	-9.64

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH39675 / 2498.5MHz, Bandwidth 5MHz							
2498.5	H	16.29	1.14	5.60	20.750	33	-12.25
2498.5	V	19.03	1.14	5.60	23.490	33	-9.51
QPSK, CH39700 / 2501MHz, Bandwidth 10MHz							
2501	H	16.05	1.14	5.60	20.510	33	-12.49
2501	V	19.01	1.14	5.60	23.470	33	-9.53
QPSK, CH39725 / 2503.5MHz, Bandwidth 15MHz							
2503.5	H	16.18	1.14	5.60	20.640	33	-12.36
2503.5	V	18.97	1.14	5.60	23.430	33	-9.57
QPSK, CH39750 / 2506MHz, Bandwidth 20MHz							
2506	H	16.1	1.14	5.60	20.560	33	-12.44
2506	V	19.07	1.14	5.60	23.530	33	-9.47

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH39675 / 2498.5MHz, Bandwidth 5MHz							
2498.5	H	16.01	1.14	5.60	20.470	33	-12.53
2498.5	V	18	1.14	5.60	22.460	33	-10.54
16QAM, CH39700 / 2501MHz, Bandwidth 10MHz							
2501	H	15.95	1.14	5.60	20.410	33	-12.59
2501	V	18.02	1.14	5.60	22.480	33	-10.52
16QAM, CH39725 / 2503.5MHz, Bandwidth 15MHz							
2503.5	H	15.93	1.14	5.60	20.390	33	-12.61
2503.5	V	18.05	1.14	5.60	22.510	33	-10.49
16QAM, CH39750 / 2506MHz, Bandwidth 20MHz							
2506	H	15.88	1.14	5.60	20.340	33	-12.66
2506	V	18.12	1.14	5.60	22.580	33	-10.42

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH39675 / 2498.5MHz, Bandwidth 5MHz							
2498.5	H	15.87	1.14	5.60	20.330	33	-12.67
2498.5	V	18.15	1.14	5.60	22.610	33	-10.39
64QAM, CH39700 / 2501MHz, Bandwidth 10MHz							
2501	H	15.83	1.14	5.60	20.290	33	-12.71
2501	V	18.19	1.14	5.60	22.650	33	-10.35
64QAM, CH39725 / 2503.5MHz, Bandwidth 15MHz							
2503.5	H	15.92	1.14	5.60	20.380	33	-12.62
2503.5	V	18.08	1.14	5.60	22.540	33	-10.46
64QAM, CH39750 / 2506MHz, Bandwidth 20MHz							
2506	H	15.85	1.14	5.60	20.310	33	-12.69
2506	V	18.13	1.14	5.60	22.590	33	-10.41

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH40620 / 2593MHz, Bandwidth 5MHz							
2593	H	15.96	1.14	5.87	20.690	33	-12.31
2593	V	18.28	1.14	5.87	23.010	33	-9.99
QPSK, CH40620 / 2593MHz, Bandwidth 10MHz							
2593	H	15.99	1.14	5.87	20.720	33	-12.28
2593	V	18.24	1.14	5.87	22.970	33	-10.03
QPSK, CH40620 / 2593MHz, Bandwidth 15MHz							
2593	H	15.95	1.14	5.87	20.680	33	-12.32
2593	V	18.32	1.14	5.87	23.050	33	-9.95
QPSK, CH40620 / 2593MHz, Bandwidth 20MHz							
2593	H	15.93	1.14	5.87	20.660	33	-12.34
2593	V	18.26	1.14	5.87	22.990	33	-10.01

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH40620 / 2593MHz, Bandwidth 5MHz							
2593	H	15.91	1.14	5.87	20.640	33	-12.36
2593	V	18.18	1.14	5.87	22.910	33	-10.09
16QAM, CH40620 / 2593MHz, Bandwidth 10MHz							
2593	H	16.02	1.14	5.87	20.750	33	-12.25
2593	V	18.29	1.14	5.87	23.020	33	-9.98
16QAM, CH40620 / 2593MHz, Bandwidth 15MHz							
2593	H	15.89	1.14	5.87	20.620	33	-12.38
2593	V	18.37	1.14	5.87	23.100	33	-9.9
16QAM, CH40620 / 2593MHz, Bandwidth 20MHz							
2593	H	15.9	1.14	5.87	20.630	33	-12.37
2593	V	18.23	1.14	5.87	22.960	33	-10.04

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH40620 / 2593MHz, Bandwidth 5MHz							
2593	H	15.88	1.14	5.87	20.610	33	-12.39
2593	V	18.22	1.14	5.87	22.950	33	-10.05
64QAM, CH40620 / 2593MHz, Bandwidth 10MHz							
2593	H	15.96	1.14	5.87	20.690	33	-12.31
2593	V	18.25	1.14	5.87	22.980	33	-10.02
64QAM, CH40620 / 2593MHz, Bandwidth 15MHz							
2593	H	16.01	1.14	5.87	20.740	33	-12.26
2593	V	18.34	1.14	5.87	23.070	33	-9.93
64QAM, CH40620 / 2593MHz, Bandwidth 20MHz							
2593	H	15.93	1.14	5.87	20.660	33	-12.34
2593	V	18.23	1.14	5.87	22.960	33	-10.04

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH41565 / 2687.5MHz, Bandwidth 5MHz							
2687.5	H	16.811	1.15	5.78	21.440	33	-11.56
2687.5	V	18.321	1.15	5.78	22.950	33	-10.05
QPSK, CH41540 / 2685MHz, Bandwidth 10MHz							
2685	H	16.001	1.15	5.78	20.630	33	-12.37
2685	V	18.161	1.15	5.78	22.790	33	-10.21
QPSK, CH41515 / 2682.5MHz, Bandwidth 15MHz							
2682.5	H	16.311	1.15	5.78	20.940	33	-12.06
2682.5	V	19.191	1.15	5.78	23.820	33	-9.18
QPSK, CH41490 / 2680MHz, Bandwidth 20MHz							
2680	H	16.111	1.15	5.78	20.740	33	-12.26
2680	V	18.191	1.15	5.78	22.820	33	-10.18

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH41565 / 2687.5MHz, Bandwidth 5MHz							
2687.5	H	15.981	1.15	5.78	20.610	33	-12.39
2687.5	V	18.131	1.15	5.78	22.760	33	-10.24
16QAM, CH41540 / 2685MHz, Bandwidth 10MHz							
2685	H	16.321	1.15	5.78	20.950	33	-12.05
2685	V	19.181	1.15	5.78	23.810	33	-9.19
16QAM, CH41515 / 2682.5MHz, Bandwidth 15MHz							
2682.5	H	16.121	1.15	5.78	20.750	33	-12.25
2682.5	V	18.181	1.15	5.78	22.810	33	-10.19
16QAM, CH41490 / 2680MHz, Bandwidth 20MHz							
2680	H	16.151	1.15	5.78	20.780	33	-12.22
2680	V	18.081	1.15	5.78	22.710	33	-10.29

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band41 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH41565 / 2687.5MHz, Bandwidth 5MHz							
2687.5	H	16.091	1.15	5.78	20.720	33	-12.28
2687.5	V	18.161	1.15	5.78	22.790	33	-10.21
64QAM, CH41540 / 2685MHz, Bandwidth 10MHz							
2685	H	16.001	1.15	5.78	20.630	33	-12.37
2685	V	18.111	1.15	5.78	22.740	33	-10.26
64QAM, CH41515 / 2682.5MHz, Bandwidth 15MHz							
2682.5	H	16.111	1.15	5.78	20.740	33	-12.26
2682.5	V	18.211	1.15	5.78	22.840	33	-10.16
64QAM, CH41490 / 2680MHz, Bandwidth 20MHz							
2680	H	15.951	1.15	5.78	20.580	33	-12.42
2680	V	18.331	1.15	5.78	22.960	33	-10.04

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH131979 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.615	1.10	4.92	20.430	30	-9.57
1710.7	V	16.785	1.10	4.92	20.600	30	-9.4
QPSK, CH131987 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.645	1.10	4.92	20.460	30	-9.54
1711.5	V	16.715	1.10	4.92	20.530	30	-9.47
QPSK, CH131997 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.675	1.10	4.92	20.490	30	-9.51
1712.5	V	16.835	1.10	4.92	20.650	30	-9.35
QPSK, CH132022 / 1715MHz, Bandwidth 10MHz							
1715	H	16.755	1.10	4.92	20.570	30	-9.43
1715	V	16.965	1.10	4.92	20.780	30	-9.22
QPSK, CH132047 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.595	1.10	4.92	20.410	30	-9.59
1717.5	V	16.935	1.10	4.92	20.750	30	-9.25
QPSK, CH132072 / 1720MHz, Bandwidth 20MHz							
1720	H	16.485	1.10	4.92	20.300	30	-9.7
1720	V	16.905	1.10	4.92	20.720	30	-9.28

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH131979 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.435	1.10	4.92	20.250	30	-9.75
1710.7	V	16.925	1.10	4.92	20.740	30	-9.26
16QAM, CH131987 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.495	1.10	4.92	20.310	30	-9.69
1711.5	V	16.855	1.10	4.92	20.670	30	-9.33
16QAM, CH131997 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.625	1.10	4.92	20.440	30	-9.56
1712.5	V	16.995	1.10	4.92	20.810	30	-9.19
16QAM, CH132022 / 1715MHz, Bandwidth 10MHz							
1715	H	16.745	1.10	4.92	20.560	30	-9.44
1715	V	17.065	1.10	4.92	20.880	30	-9.12
16QAM, CH132047 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.725	1.10	4.92	20.540	30	-9.46
1717.5	V	17.095	1.10	4.92	20.910	30	-9.09
16QAM, CH132072 / 1720MHz, Bandwidth 20MHz							
1720	H	16.765	1.10	4.92	20.580	30	-9.42
1720	V	17.075	1.10	4.92	20.890	30	-9.11

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Low Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH131979 / 1710.7MHz, Bandwidth 1.4MHz							
1710.7	H	16.725	1.10	4.92	20.540	30	-9.46
1710.7	V	17.015	1.10	4.92	20.830	30	-9.17
64QAM, CH131987 / 1711.5MHz, Bandwidth 3MHz							
1711.5	H	16.595	1.10	4.92	20.410	30	-9.59
1711.5	V	17.065	1.10	4.92	20.880	30	-9.12
64QAM, CH131997 / 1712.5MHz, Bandwidth 5MHz							
1712.5	H	16.705	1.10	4.92	20.520	30	-9.48
1712.5	V	17.025	1.10	4.92	20.840	30	-9.16
64QAM, CH132022 / 1715MHz, Bandwidth 10MHz							
1715	H	16.805	1.10	4.92	20.620	30	-9.38
1715	V	17.095	1.10	4.92	20.910	30	-9.09
64QAM, CH132047 / 1717.5MHz, Bandwidth 15MHz							
1717.5	H	16.765	1.10	4.92	20.580	30	-9.42
1717.5	V	17.055	1.10	4.92	20.870	30	-9.13
64QAM, CH132072 / 1720MHz, Bandwidth 20MHz							
1720	H	16.685	1.10	4.92	20.500	30	-9.5
1720	V	16.995	1.10	4.92	20.810	30	-9.19

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132322 / 1745MHz, Bandwidth 1.4MHz							
1745	H	17.719	1.11	4.86	21.470	30	-8.53
1745	V	17.449	1.11	4.86	21.200	30	-8.8
QPSK, CH132322 / 1745MHz, Bandwidth 3MHz							
1745	H	17.679	1.11	4.86	21.430	30	-8.57
1745	V	17.369	1.11	4.86	21.120	30	-8.88
QPSK, CH132322 / 1745MHz, Bandwidth 5MHz							
1745	H	17.589	1.11	4.86	21.340	30	-8.66
1745	V	17.399	1.11	4.86	21.150	30	-8.85
QPSK, CH132322 / 1745MHz, Bandwidth 10MHz							
1745	H	17.559	1.11	4.86	21.310	30	-8.69
1745	V	17.289	1.11	4.86	21.040	30	-8.96
QPSK, CH132322 / 1745MHz, Bandwidth 15MHz							
1745	H	17.539	1.11	4.86	21.290	30	-8.71
1745	V	17.259	1.11	4.86	21.010	30	-8.99
QPSK, CH132322 / 1745MHz, Bandwidth 20MHz							
1745	H	17.619	1.11	4.86	21.370	30	-8.63
1745	V	17.289	1.11	4.86	21.040	30	-8.96

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH132322 / 1745MHz, Bandwidth 1.4MHz							
1745	H	17.589	1.11	4.86	21.340	30	-8.66
1745	V	17.249	1.11	4.86	21.000	30	-9
16QAM, CH132322 / 1745MHz, Bandwidth 3MHz							
1745	H	17.699	1.11	4.86	21.450	30	-8.55
1745	V	17.339	1.11	4.86	21.090	30	-8.91
16QAM, CH132322 / 1745MHz, Bandwidth 5MHz							
1745	H	17.659	1.11	4.86	21.410	30	-8.59
1745	V	17.379	1.11	4.86	21.130	30	-8.87
16QAM, CH132322 / 1745MHz, Bandwidth 10MHz							
1745	H	17.669	1.11	4.86	21.420	30	-8.58
1745	V	17.309	1.11	4.86	21.060	30	-8.94
16QAM, CH132322 / 1745MHz, Bandwidth 15MHz							
1745	H	17.619	1.11	4.86	21.370	30	-8.63
1745	V	17.279	1.11	4.86	21.030	30	-8.97
16QAM, CH132322 / 1745MHz, Bandwidth 20MHz							
1745	H	17.569	1.11	4.86	21.320	30	-8.68
1745	V	17.359	1.11	4.86	21.110	30	-8.89

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (Mid Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH132322 / 1745MHz, Bandwidth 1.4MHz							
1745	H	17.699	1.11	4.86	21.450	30	-8.55
1745	V	17.389	1.11	4.86	21.140	30	-8.86
64QAM, CH132322 / 1745MHz, Bandwidth 3MHz							
1745	H	17.669	1.11	4.86	21.420	30	-8.58
1745	V	17.409	1.11	4.86	21.160	30	-8.84
64QAM, CH132322 / 1745MHz, Bandwidth 5MHz							
1745	H	17.719	1.11	4.86	21.470	30	-8.53
1745	V	17.339	1.11	4.86	21.090	30	-8.91
64QAM, CH132322 / 1745MHz, Bandwidth 10MHz							
1745	H	17.739	1.11	4.86	21.490	30	-8.51
1745	V	17.389	1.11	4.86	21.140	30	-8.86
64QAM, CH132322 / 1745MHz, Bandwidth 15MHz							
1745	H	17.759	1.11	4.86	21.510	30	-8.49
1745	V	17.319	1.11	4.86	21.070	30	-8.93
64QAM, CH132322 / 1745MHz, Bandwidth 20MHz							
1745	H	17.679	1.11	4.86	21.430	30	-8.57
1745	V	17.379	1.11	4.86	21.130	30	-8.87

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, CH132665 / 1779.3MHz, Bandwidth 1.4MHz							
1779.3	H	17.054	1.11	4.81	20.750	30	-9.25
1779.3	V	17.254	1.11	4.81	20.950	30	-9.05
QPSK, CH132657 / 1778.5MHz, Bandwidth 3MHz							
1778.5	H	17.034	1.11	4.81	20.730	30	-9.27
1778.5	V	17.294	1.11	4.81	20.990	30	-9.01
QPSK, CH132647 / 1777.5MHz, Bandwidth 5MHz							
1777.5	H	17.144	1.11	4.81	20.840	30	-9.16
1777.5	V	17.264	1.11	4.81	20.960	30	-9.04
QPSK, CH132622 / 1775MHz, Bandwidth 10MHz							
1775	H	17.224	1.11	4.81	20.920	30	-9.08
1775	V	17.374	1.11	4.81	21.070	30	-8.93
QPSK, CH132597 / 1772.5MHz, Bandwidth 15MHz							
1772.5	H	17.184	1.11	4.81	20.880	30	-9.12
1772.5	V	17.314	1.11	4.81	21.010	30	-8.99
QPSK, CH132572 / 1770MHz, Bandwidth 20MHz							
1770	H	17.314	1.11	4.81	21.010	30	-8.99
1770	V	17.374	1.11	4.81	21.070	30	-8.93

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
16QAM, CH132665 / 1779.3MHz, Bandwidth 1.4MHz							
1779.3	H	17.274	1.11	4.81	20.970	30	-9.03
1779.3	V	17.354	1.11	4.81	21.050	30	-8.95
16QAM, CH132657 / 1778.5MHz, Bandwidth 3MHz							
1778.5	H	17.234	1.11	4.81	20.930	30	-9.07
1778.5	V	17.394	1.11	4.81	21.090	30	-8.91
16QAM, CH132647 / 1777.5MHz, Bandwidth 5MHz							
1777.5	H	17.354	1.11	4.81	21.050	30	-8.95
1777.5	V	17.354	1.11	4.81	21.050	30	-8.95
16QAM, CH132622 / 1775MHz, Bandwidth 10MHz							
1775	H	17.314	1.11	4.81	21.010	30	-8.99
1775	V	17.414	1.11	4.81	21.110	30	-8.89
16QAM, CH132597 / 1772.5MHz, Bandwidth 15MHz							
1772.5	H	17.334	1.11	4.81	21.030	30	-8.97
1772.5	V	17.364	1.11	4.81	21.060	30	-8.94
16QAM, CH132572 / 1770MHz, Bandwidth 20MHz							
1770	H	17.394	1.11	4.81	21.090	30	-8.91
1770	V	17.444	1.11	4.81	21.140	30	-8.86

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

LTE Band66 (High Channel)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, CH132665 / 1779.3MHz, Bandwidth 1.4MHz							
1779.3	H	17.374	1.11	4.81	21.070	30	-8.93
1779.3	V	17.384	1.11	4.81	21.080	30	-8.92
64QAM, CH132657 / 1778.5MHz, Bandwidth 3MHz							
1778.5	H	17.414	1.11	4.81	21.110	30	-8.89
1778.5	V	17.454	1.11	4.81	21.150	30	-8.85
64QAM, CH132647 / 1777.5MHz, Bandwidth 5MHz							
1777.5	H	17.394	1.11	4.81	21.090	30	-8.91
1777.5	V	17.374	1.11	4.81	21.070	30	-8.93
64QAM, CH132622 / 1775MHz, Bandwidth 10MHz							
1775	H	17.294	1.11	4.81	20.990	30	-9.01
1775	V	17.334	1.11	4.81	21.030	30	-8.97
64QAM, CH132597 / 1772.5MHz, Bandwidth 15MHz							
1772.5	H	17.344	1.11	4.81	21.040	30	-8.96
1772.5	V	17.434	1.11	4.81	21.130	30	-8.87
64QAM, CH132572 / 1770MHz, Bandwidth 20MHz							
1770	H	17.294	1.11	4.81	20.990	30	-9.01
1770	V	17.364	1.11	4.81	21.060	30	-8.94

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band 7-CA

Band7_CA (BW 20MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH21048 / 2529.8MHz, Bandwidth 20MHz+20MHz							
2520	H	12.814	1.14	5.64	17.310	33	-15.69
2520	V	18.754	1.14	5.64	23.250	33	-9.75
QPSK, PCC-CH21001 / 2525.1MHz & SCC-CH21199 / 2544.9MHz, Bandwidth 20MHz+20MHz							
2535	H	12.746	1.15	5.68	17.280	33	-15.72
2535	V	18.576	1.15	5.68	23.110	33	-9.89
QPSK, PCC-CH21152 / 2540.2MHz & SCC-CH21350 / 2560MHz, Bandwidth 20MHz+20MHz							
2550	H	12.888	1.15	5.73	17.470	33	-15.53
2550	V	18.738	1.15	5.73	23.320	33	-9.68
16QAM, PCC-CH20850 / 2510MHz & SCC-CH21048 / 2529.8MHz, Bandwidth 20MHz+20MHz							
2520	H	12.734	1.14	5.64	17.230	33	-15.77
2520	V	18.774	1.14	5.64	23.270	33	-9.73
16QAM, PCC-CH21001 / 2525.1MHz & SCC-CH21199 / 2544.9MHz, Bandwidth 20MHz+20MHz							
2535	H	12.646	1.15	5.68	17.180	33	-15.82
2535	V	18.706	1.15	5.68	23.240	33	-9.76
16QAM, PCC-CH21152 / 2540.2MHz & SCC-CH21350 / 2560MHz, Bandwidth 20MHz+20MHz							
2550	H	12.778	1.15	5.73	17.360	33	-15.64
2550	V	18.808	1.15	5.73	23.390	33	-9.61

NOTES:

- ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
- This unit was tested with its standard adapter.
- The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 20MHz+20MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
64QAM, PCC-CH20850 / 2510MHz & SCC-CH21048 / 2529.8MHz, Bandwidth 20MHz+20MHz							
2520	H	12.714	1.14	5.64	17.210	33	-15.79
2520	V	18.804	1.14	5.64	23.300	33	-9.7
64QAM, PCC-CH21001 / 2525.1MHz & SCC-CH21199 / 2544.9MHz, Bandwidth 20MHz+20MHz							
2535	H	12.756	1.15	5.68	17.290	33	-15.71
2535	V	18.836	1.15	5.68	23.370	33	-9.63
64QAM, PCC-CH21152 / 2540.2MHz & SCC-CH21350 / 2560MHz, Bandwidth 20MHz+20MHz							
2550	H	12.758	1.15	5.73	17.340	33	-15.66
2550	V	18.738	1.15	5.73	23.320	33	-9.68

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.

Band7_CA (BW 20MHz+15MHz)							
Frequency (MHz)	Ant. Pol. (H/V)	SG Reading (dBm)	Cable Loss (dB)	Ant Gain (dBd/dBi)	EIRP Measure (dBm)	Limit (dBm)	Margin (dB)
QPSK, PCC-CH20850 / 2510MHz & SCC-CH21021 / 2527.1MHz, Bandwidth 20MHz+15MHz							
2520	H	13.124	1.14	5.64	17.620	33	-15.38
2520	V	18.394	1.14	5.64	22.890	33	-10.11
QPSK, PCC-CH21026 / 2527.6MHz & SCC-CH21197 / 2544.7MHz, Bandwidth 20MHz+15MHz							
2538	H	13.006	1.15	5.68	17.540	33	-15.46
2538	V	18.526	1.15	5.68	23.060	33	-9.94
QPSK, PCC-CH21201 / 2545.1MHz & SCC-CH21372 / 2562.2MHz, Bandwidth 20MHz+15MHz							
2556	H	13.108	1.15	5.73	17.690	33	-15.31
2556	V	18.358	1.15	5.73	22.940	33	-10.06
16QAM, PCC-CH20850 / 2510MHz & SCC-CH21021 / 2527.1MHz, Bandwidth 20MHz+15MHz							
2520	H	13.024	1.14	5.64	17.520	33	-15.48
2520	V	18.494	1.14	5.64	22.990	33	-10.01
16QAM, PCC-CH21026 / 2527.6MHz & SCC-CH21197 / 2544.7MHz, Bandwidth 20MHz+15MHz							
2538	H	12.946	1.15	5.68	17.480	33	-15.52
2538	V	18.486	1.15	5.68	23.020	33	-9.98
16QAM, PCC-CH21201 / 2545.1MHz & SCC-CH21372 / 2562.2MHz, Bandwidth 20MHz+15MHz							
2556	H	12.858	1.15	5.73	17.440	33	-15.56
2556	V	18.328	1.15	5.73	22.910	33	-10.09

NOTES:

1. ERP (dBm) / EIRP (dBm)=
SG Reading (dBm) - Cable Loss (dB) + Substitute Antenna Gain (dBd/dBi)
2. This unit was tested with its standard adapter.
3. The EUT was tested in three orthogonal planes and in all possible test configurations and positioning.