

LTE Cat M Appendix-Output Power

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.89	1.59	23.48	23.48
		1	0	23.71	1.59	25.3	25.3
	MCH	6	0	21.9	1.59	23.49	23.49
		1	0	23.27	1.59	24.86	24.86
	HCH	6	0	21.46	1.59	23.05	23.05
		1	0	22.99	1.59	24.58	24.58
16QAM	LCH	5	0	21.88	1.59	23.47	23.47
		1	0	23.11	1.59	24.7	24.7
	MCH	5	0	21.59	1.59	23.18	23.18
		1	0	22.93	1.59	24.52	24.52
	HCH	5	0	21.25	1.59	22.84	22.84
		1	0	23.02	1.59	24.61	24.61

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 2, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22	1.59	23.59	23.59
		1	0	23.71	1.59	25.3	25.3
	MCH	6	0	21.76	1.59	23.35	23.35
		1	0	23.3	1.59	24.89	24.89
	HCH	6	0	21.47	1.59	23.06	23.06
		1	0	23.01	1.59	24.6	24.6
16QAM	LCH	5	0	21.85	1.59	23.44	23.44
		1	0	23.12	1.59	24.71	24.71
	MCH	5	0	21.61	1.59	23.2	23.2
		1	0	22.98	1.59	24.57	24.57
	HCH	5	0	21.46	1.59	23.05	23.05
		1	0	22.95	1.59	24.54	24.54

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 2, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23	1.59	24.59	24.59
		1	0	23.66	1.59	25.25	25.25
	MCH	6	0	22.8	1.59	24.39	24.39
		1	0	23.28	1.59	24.87	24.87
	HCH	6	0	22.56	1.59	24.15	24.15
		1	0	22.96	1.59	24.55	24.55
16QAM	LCH	5	0	21.88	1.59	23.47	23.47
		1	0	23.69	1.59	25.28	25.28
	MCH	5	0	21.68	1.59	23.27	23.27
		1	0	23.31	1.59	24.9	24.9
	HCH	5	0	21.27	1.59	22.86	22.86
		1	0	23.05	1.59	24.64	24.64

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 2, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.96	1.59	24.55	24.55
		1	0	23.64	1.59	25.23	25.23
	MCH	6	0	22.8	1.59	24.39	24.39
		1	0	23.34	1.59	24.93	24.93
	HCH	6	0	22.48	1.59	24.07	24.07
		1	0	22.96	1.59	24.55	24.55
16QAM	LCH	5	0	22.85	1.59	24.44	24.44
		1	0	23.66	1.59	25.25	25.25
	MCH	5	0	22.72	1.59	24.31	24.31
		1	0	23.35	1.59	24.94	24.94
	HCH	5	0	22.42	1.59	24.01	24.01
		1	0	23.05	1.59	24.64	24.64

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 2, Nominal Bandwidth: 15MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.69	1.59	25.28	25.28
		1	0	23.59	1.59	25.18	25.18
	MCH	6	0	23.4	1.59	24.99	24.99
		1	0	23.36	1.59	24.95	24.95
	HCH	6	0	23.03	1.59	24.62	24.62
		1	0	22.93	1.59	24.52	24.52
16QAM	LCH	5	0	23.58	1.59	25.17	25.17
		1	0	23.6	1.59	25.19	25.19
	MCH	5	0	23.33	1.59	24.92	24.92
		1	0	23.38	1.59	24.97	24.97
	HCH	5	0	22.91	1.59	24.5	24.5
		1	0	23.06	1.59	24.65	24.65

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 2, Nominal Bandwidth: 20MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.63	1.59	25.22	25.22
		1	0	23.56	1.59	25.15	25.15
	MCH	6	0	23.43	1.59	25.02	25.02
		1	0	23.41	1.59	25	25
	HCH	6	0	22.99	1.59	24.58	24.58
		1	0	22.91	1.59	24.5	24.5
16QAM	LCH	5	0	23.57	1.59	25.16	25.16
		1	0	23.58	1.59	25.17	25.17
	MCH	5	0	23.37	1.59	24.96	24.96
		1	0	23.43	1.59	25.02	25.02
	HCH	5	0	22.88	1.59	24.47	24.47
		1	0	23.01	1.59	24.6	24.6

Remark: EIRP limit for FCC/IC band 2 is 33dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.52	2	23.52	23.52
		1	0	23.39	2	25.39	25.39
	MCH	6	0	21.43	2	23.43	23.43
		1	0	23.29	2	25.29	25.29
	HCH	6	0	21.32	2	23.32	23.32
		1	0	23.17	2	25.17	25.17
16QAM	LCH	5	0	21.36	2	23.36	23.36
		1	0	23.03	2	25.03	25.03
	MCH	5	0	21.14	2	23.14	23.14
		1	0	23.01	2	25.01	25.01
	HCH	5	0	21.09	2	23.09	23.09
		1	0	23.05	2	25.05	25.05

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.46	2	23.46	23.46
		1	0	23.43	2	25.43	25.43
	MCH	6	0	21.38	2	23.38	23.38
		1	0	23.3	2	25.3	25.3
	HCH	6	0	21.43	2	23.43	23.43
		1	0	23.2	2	25.2	25.2
16QAM	LCH	5	0	21.33	2	23.33	23.33
		1	0	22.97	2	24.97	24.97
	MCH	5	0	21.27	2	23.27	23.27
		1	0	23.05	2	25.05	25.05
	HCH	5	0	21.12	2	23.12	23.12
		1	0	23.01	2	25.01	25.01

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.46	2	24.46	24.46
		1	0	23.42	2	25.42	25.42
	MCH	6	0	22.4	2	24.4	24.4
		1	0	23.28	2	25.28	25.28
	HCH	6	0	22.26	2	24.26	24.26
		1	0	23.16	2	25.16	25.16
16QAM	LCH	5	0	21.4	2	23.4	23.4
		1	0	23.44	2	25.44	25.44
	MCH	5	0	21.32	2	23.32	23.32
		1	0	23.3	2	25.3	25.3
	HCH	5	0	21.2	2	23.2	23.2
		1	0	23.28	2	25.28	25.28

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.55	2	24.55	24.55
		1	0	23.45	2	25.45	25.45
	MCH	6	0	22.47	2	24.47	24.47
		1	0	23.32	2	25.32	25.32
	HCH	6	0	22.22	2	24.22	24.22
		1	0	23.13	2	25.13	25.13
16QAM	LCH	5	0	22.34	2	24.34	24.34
		1	0	23.43	2	25.43	25.43
	MCH	5	0	22.36	2	24.36	24.36
		1	0	23.35	2	25.35	25.35
	HCH	5	0	22.26	2	24.26	24.26
		1	0	23.26	2	25.26	25.26

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 15MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.51	2	25.51	25.51
		1	0	23.41	2	25.41	25.41
	MCH	6	0	23.37	2	25.37	25.37
		1	0	23.32	2	25.32	25.32
	HCH	6	0	23.21	2	25.21	25.21
		1	0	23.09	2	25.09	25.09
16QAM	LCH	5	0	23.41	2	25.41	25.41
		1	0	23.43	2	25.43	25.43
	MCH	5	0	23.33	2	25.33	25.33
		1	0	23.37	2	25.37	25.37
	HCH	5	0	23.11	2	25.11	25.11
		1	0	23.23	2	25.23	25.23

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 4, Nominal Bandwidth: 20MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.49	2	25.49	25.49
		1	0	23.41	2	25.41	25.41
	MCH	6	0	23.4	2	25.4	25.4
		1	0	23.37	2	25.37	25.37
	HCH	6	0	23.13	2	25.13	25.13
		1	0	23.06	2	25.06	25.06
16QAM	LCH	5	0	23.44	2	25.44	25.44
		1	0	23.44	2	25.44	25.44
	MCH	5	0	23.38	2	25.38	25.38
		1	0	23.4	2	25.4	25.4
	HCH	5	0	23.1	2	25.1	25.1
		1	0	23.21	2	25.21	25.21

Remark: EIRP limit for FCC/IC band 4 is 30dBm, so test result is pass.

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.67	2.53	22.05	22.05
		1	0	23.44	2.53	23.82	23.82
	MCH	6	0	21.82	2.53	22.2	22.2
		1	0	23.35	2.53	23.73	23.73
	HCH	6	0	21.84	2.53	22.22	22.22
		1	0	23.41	2.53	23.79	23.79
16QAM	LCH	5	0	21.46	2.53	21.84	21.84
		1	0	23.19	2.53	23.57	23.57
	MCH	5	0	21.74	2.53	22.12	22.12
		1	0	23.42	2.53	23.8	23.8
	HCH	5	0	21.63	2.53	22.01	22.01
		1	0	23.28	2.53	23.66	23.66

Remark: ERP limit for FCC/IC band 5 is 38.45dBm, so test result is pass.

LTE FDD Band 5, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.64	2.53	22.02	22.02
		1	0	23.36	2.53	23.74	23.74
	MCH	6	0	21.9	2.53	22.28	22.28
		1	0	23.42	2.53	23.8	23.8
	HCH	6	0	21.79	2.53	22.17	22.17
		1	0	23.23	2.53	23.61	23.61
16QAM	LCH	5	0	21.4	2.53	21.78	21.78
		1	0	22.86	2.53	23.24	23.24
	MCH	5	0	21.62	2.53	22	22
		1	0	23.04	2.53	23.42	23.42
	HCH	5	0	21.63	2.53	22.01	22.01
		1	0	22.93	2.53	23.31	23.31

Remark: ERP limit for FCC/IC band 5 is 38.45dBm, so test result is pass.

LTE FDD Band 5, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.53	2.53	22.91	22.91
		1	0	23.25	2.53	23.63	23.63
	MCH	6	0	22.76	2.53	23.14	23.14
		1	0	23.41	2.53	23.79	23.79
	HCH	6	0	22.7	2.53	23.08	23.08
		1	0	23.39	2.53	23.77	23.77
16QAM	LCH	5	0	21.51	2.53	21.89	21.89
		1	0	23.29	2.53	23.67	23.67
	MCH	5	0	21.66	2.53	22.04	22.04
		1	0	23.36	2.53	23.74	23.74
	HCH	5	0	21.56	2.53	21.94	21.94
		1	0	23.27	2.53	23.65	23.65

Remark: ERP limit for FCC/IC band 5 is 38.45dBm, so test result is pass.

LTE FDD Band 5, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.55	2.53	22.93	22.93
		1	0	23.32	2.53	23.7	23.7
	MCH	6	0	22.71	2.53	23.09	23.09
		1	0	23.45	2.53	23.83	23.83
	HCH	6	0	22.7	2.53	23.08	23.08
		1	0	23.33	2.53	23.71	23.71
16QAM	LCH	5	0	22.55	2.53	22.93	22.93
		1	0	23.25	2.53	23.63	23.63
	MCH	5	0	22.63	2.53	23.01	23.01
		1	0	23.15	2.53	23.53	23.53
	HCH	5	0	22.59	2.53	22.97	22.97
		1	0	23.25	2.53	23.63	23.63

Remark: ERP limit for FCC/IC band 5 is 38.45dBm, so test result is pass.

LTE FDD Band 12, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.87	3.95	23.67	23.67
		1	0	23.39	3.95	25.19	25.19
	MCH	6	0	21.96	3.95	23.76	23.76
		1	0	23.32	3.95	25.12	25.12
	HCH	6	0	22.01	3.95	23.81	23.81
		1	0	23.49	3.95	25.29	25.29
16QAM	LCH	5	0	21.75	3.95	23.55	23.55
		1	0	23.39	3.95	25.19	25.19
	MCH	5	0	21.76	3.95	23.56	23.56
		1	0	23.26	3.95	25.06	25.06
	HCH	5	0	21.74	3.95	23.54	23.54
		1	0	23.5	3.95	25.3	25.3

Remark: ERP limit for FCC/IC band 12 is 34.77dBm, so test result is pass.

LTE FDD Band 12, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.92	3.95	23.72	23.72
		1	0	23.39	3.95	25.19	25.19
	MCH	6	0	22.06	3.95	23.86	23.86
		1	0	23.41	3.95	25.21	25.21
	HCH	6	0	21.9	3.95	23.7	23.7
		1	0	23.43	3.95	25.23	25.23
16QAM	LCH	5	0	21.65	3.95	23.45	23.45
		1	0	23.06	3.95	24.86	24.86
	MCH	5	0	21.7	3.95	23.5	23.5
		1	0	23.2	3.95	25	25
	HCH	5	0	21.73	3.95	23.53	23.53
		1	0	23.19	3.95	24.99	24.99

Remark: ERP limit for FCC/IC band 12 is 34.77dBm, so test result is pass.

LTE FDD Band 12, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.76	3.95	24.56	24.56
		1	0	23.23	3.95	25.03	25.03
	MCH	6	0	22.88	3.95	24.68	24.68
		1	0	23.31	3.95	25.11	25.11
	HCH	6	0	22.89	3.95	24.69	24.69
		1	0	23.38	3.95	25.18	25.18
16QAM	LCH	5	0	21.74	3.95	23.54	23.54
		1	0	23.25	3.95	25.05	25.05
	MCH	5	0	21.76	3.95	23.56	23.56
		1	0	23.28	3.95	25.08	25.08
	HCH	5	0	21.75	3.95	23.55	23.55
		1	0	23.46	3.95	25.26	25.26

Remark: ERP limit for FCC/IC band 12 is 34.77dBm, so test result is pass.

LTE FDD Band 12, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.77	3.95	24.57	24.57
		1	0	23.51	3.95	25.31	25.31
	MCH	6	0	22.81	3.95	24.61	24.61
		1	0	23.49	3.95	25.29	25.29
	HCH	6	0	22.93	3.95	24.73	24.73
		1	0	23.57	3.95	25.37	25.37
16QAM	LCH	5	0	22.74	3.95	24.54	24.54
		1	0	23.53	3.95	25.33	25.33
	MCH	5	0	22.86	3.95	24.66	24.66
		1	0	23.56	3.95	25.36	25.36
	HCH	5	0	22.84	3.95	24.64	24.64
		1	0	23.52	3.95	25.32	25.32

Remark: ERP limit for FCC/IC band 12 is 34.77dBm, so test result is pass.

LTE FDD Band 13, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.03	4.45	25.33	25.33
		1	0	23.43	4.45	25.73	25.73
	MCH	6	0	23.05	4.45	25.35	25.35
		1	0	23.41	4.45	25.71	25.71
	HCH	6	0	22.91	4.45	25.21	25.21
		1	0	23.33	4.45	25.63	25.63
16QAM	LCH	5	0	21.98	4.45	24.28	24.28
		1	0	23.32	4.45	25.62	25.62
	MCH	5	0	21.91	4.45	24.21	24.21
		1	0	23.26	4.45	25.56	25.56
	HCH	5	0	21.86	4.45	24.16	24.16
		1	0	23.29	4.45	25.59	25.59

Remark: ERP limit for FCC/IC band 13 is 34.77dBm, so test result is pass.

LTE FDD Band 13, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	MCH	6	0	23.05	4.45	25.35	25.35
		1	0	23.49	4.45	25.79	25.79
16QAM	MCH	5	0	23.02	4.45	25.32	25.32
		1	0	23.46	4.45	25.76	25.76

Remark: ERP limit for FCC/IC band 13 is 34.77dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.99	1.59	23.58	23.58
		1	0	23.72	1.59	25.31	25.31
	MCH	6	0	21.71	1.59	23.3	23.3
		1	0	23.24	1.59	24.83	24.83
	HCH	6	0	21.6	1.59	23.19	23.19
		1	0	23.09	1.59	24.68	24.68
16QAM	LCH	5	0	21.77	1.59	23.36	23.36
		1	0	23.54	1.59	25.13	25.13
	MCH	5	0	21.47	1.59	23.06	23.06
		1	0	23.12	1.59	24.71	24.71
	HCH	5	0	21.31	1.59	22.9	22.9
		1	0	23	1.59	24.59	24.59

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.04	1.59	23.63	23.63
		1	0	23.75	1.59	25.34	25.34
	MCH	6	0	21.77	1.59	23.36	23.36
		1	0	23.26	1.59	24.85	24.85
	HCH	6	0	21.51	1.59	23.1	23.1
		1	0	23.07	1.59	24.66	24.66
16QAM	LCH	5	0	21.79	1.59	23.38	23.38
		1	0	23.18	1.59	24.77	24.77
	MCH	5	0	21.51	1.59	23.1	23.1
		1	0	23.02	1.59	24.61	24.61
	HCH	5	0	21.33	1.59	22.92	22.92
		1	0	23.01	1.59	24.6	24.6

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.96	1.59	24.55	24.55
		1	0	23.67	1.59	25.26	25.26
	MCH	6	0	22.76	1.59	24.35	24.35
		1	0	23.23	1.59	24.82	24.82
	HCH	6	0	22.52	1.59	24.11	24.11
		1	0	23.13	1.59	24.72	24.72
16QAM	LCH	5	0	21.81	1.59	23.4	23.4
		1	0	23.65	1.59	25.24	25.24
	MCH	5	0	21.66	1.59	23.25	23.25
		1	0	23.39	1.59	24.98	24.98
	HCH	5	0	21.47	1.59	23.06	23.06
		1	0	23.37	1.59	24.96	24.96

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.96	1.59	24.55	24.55
		1	0	23.61	1.59	25.2	25.2
	MCH	6	0	22.76	1.59	24.35	24.35
		1	0	23.27	1.59	24.86	24.86
	HCH	6	0	22.51	1.59	24.1	24.1
		1	0	23.1	1.59	24.69	24.69
16QAM	LCH	5	0	23.11	1.59	24.7	24.7
		1	0	23.78	1.59	25.37	25.37
	MCH	5	0	22.76	1.59	24.35	24.35
		1	0	23.43	1.59	25.02	25.02
	HCH	5	0	22.49	1.59	24.08	24.08
		1	0	23.34	1.59	24.93	24.93

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 15MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.67	1.59	25.26	25.26
		1	0	23.59	1.59	25.18	25.18
	MCH	6	0	23.36	1.59	24.95	24.95
		1	0	23.29	1.59	24.88	24.88
	HCH	6	0	23.02	1.59	24.61	24.61
		1	0	23	1.59	24.59	24.59
16QAM	LCH	5	0	23.6	1.59	25.19	25.19
		1	0	23.64	1.59	25.23	25.23
	MCH	5	0	23.31	1.59	24.9	24.9
		1	0	23.46	1.59	25.05	25.05
	HCH	5	0	22.94	1.59	24.53	24.53
		1	0	23.24	1.59	24.83	24.83

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 25, Nominal Bandwidth: 20MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.45	1.59	25.04	25.04
		1	0	23.34	1.59	24.93	24.93
	MCH	6	0	23.39	1.59	24.98	24.98
		1	0	23.36	1.59	24.95	24.95
	HCH	6	0	23.04	1.59	24.63	24.63
		1	0	23.03	1.59	24.62	24.62
16QAM	LCH	5	0	23.36	1.59	24.95	24.95
		1	0	23.49	1.59	25.08	25.08
	MCH	5	0	23.34	1.59	24.93	24.93
		1	0	23.5	1.59	25.09	25.09
	HCH	5	0	22.97	1.59	24.56	24.56
		1	0	23.28	1.59	24.87	24.87

Remark: EIRP limit for FCC/IC band 25 is 33dBm, so test result is pass.

LTE FDD Band 26a, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.71	3.19	22.75	22.75
		1	0	23.79	3.19	24.83	24.83
	MCH	6	0	21.72	3.19	22.76	22.76
		1	0	23.78	3.19	24.82	24.82
	HCH	6	0	21.58	3.19	22.62	22.62
		1	0	23.79	3.19	24.83	24.83
16QAM	LCH	5	0	21.65	3.19	22.69	22.69
		1	0	22.92	3.19	23.96	23.96
	MCH	5	0	21.53	3.19	22.57	22.57
		1	0	23.09	3.19	24.13	24.13
	HCH	5	0	21.41	3.19	22.45	22.45
		1	0	23.03	3.19	24.07	24.07

Remark: ERP limit for FCC/IC band 26a is 50dBm, so test result is pass.

LTE FDD Band 26a, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.85	3.19	22.89	22.89
		1	0	23.75	3.19	24.79	24.79
	MCH	6	0	21.76	3.19	22.8	22.8
		1	0	23.74	3.19	24.78	24.78
	HCH	6	0	21.76	3.19	22.8	22.8
		1	0	23.74	3.19	24.78	24.78
16QAM	LCH	5	0	21.49	3.19	22.53	22.53
		1	0	22.94	3.19	23.98	23.98
	MCH	5	0	21.5	3.19	22.54	22.54
		1	0	22.9	3.19	23.94	23.94
	HCH	5	0	21.42	3.19	22.46	22.46
		1	0	22.81	3.19	23.85	23.85

Remark: ERP limit for FCC/ICand 26a is 50dBm, so test result is pass.

LTE FDD Band 26a, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.6	3.19	23.64	23.64
		1	0	23.69	3.19	24.73	24.73
	MCH	6	0	22.72	3.19	23.76	23.76
		1	0	23.68	3.19	24.72	24.72
	HCH	6	0	22.54	3.19	23.58	23.58
		1	0	23.75	3.19	24.79	24.79
16QAM	LCH	5	0	21.5	3.19	22.54	22.54
		1	0	23.65	3.19	24.69	24.69
	MCH	5	0	21.53	3.19	22.57	22.57
		1	0	23.68	3.19	24.72	24.72
	HCH	5	0	21.43	3.19	22.47	22.47
		1	0	23.56	3.19	24.6	24.6

Remark: ERP limit for FCC/IC band 26a is 50dBm, so test result is pass.

LTE FDD Band 26a, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	MCH	6	0	22.72	3.19	23.76	23.76
		1	0	23.66	3.19	24.7	24.7
16QAM	MCH	5	0	22.62	3.19	23.66	23.66
		1	0	23.79	3.19	24.83	24.83

Remark: ERP limit for FCC/IC band 26a is 50dBm, so test result is pass.

LTE FDD Band 26b, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.59	3.19	22.63	22.63
		1	0	23.68	3.19	24.72	24.72
	MCH	6	0	21.86	3.19	22.90	22.90
		1	0	23.70	3.19	24.74	24.74
	HCH	6	0	21.69	3.19	22.73	22.73
		1	0	23.64	3.19	24.68	24.68
16QAM	LCH	5	0	21.42	3.19	22.46	22.46
		1	0	23.18	3.19	24.22	24.22
	MCH	5	0	21.64	3.19	22.68	22.68
		1	0	23.33	3.19	24.37	24.37
	HCH	5	0	21.59	3.19	22.63	22.63
		1	0	23.24	3.19	24.28	24.28

Remark: ERP limit for FCC/IC band 26b is 38.45dBm, so test result is pass.

LTE FDD Band 26b, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.66	3.19	22.70	22.70
		1	0	23.65	3.19	24.69	24.69
	MCH	6	0	22.00	3.19	23.04	23.04
		1	0	23.64	3.19	24.68	24.68
	HCH	6	0	21.75	3.19	22.79	22.79
		1	0	23.66	3.19	24.70	24.70
16QAM	LCH	5	0	21.46	3.19	22.50	22.50
		1	0	22.95	3.19	23.99	23.99
	MCH	5	0	21.70	3.19	22.74	22.74
		1	0	22.95	3.19	23.99	23.99
	HCH	5	0	21.57	3.19	22.61	22.61
		1	0	22.97	3.19	24.01	24.01

Remark: ERP limit for FCC/IC band 26b is 38.45dBm, so test result is pass.

LTE FDD Band 26b, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.58	3.19	23.62	23.62
		1	0	23.70	3.19	24.74	24.74
	MCH	6	0	22.78	3.19	23.82	23.82
		1	0	23.69	3.19	24.73	24.73
	HCH	6	0	22.59	3.19	23.63	23.63
		1	0	23.65	3.19	24.69	24.69
16QAM	LCH	5	0	21.63	3.19	22.67	22.67
		1	0	23.63	3.19	24.67	24.67
	MCH	5	0	21.63	3.19	22.67	22.67
		1	0	23.65	3.19	24.69	24.69
	HCH	5	0	21.68	3.19	22.72	22.72
		1	0	23.66	3.19	24.70	24.70

Remark: ERP limit for FCC/IC band 26b is 38.45dBm, so test result is pass.

LTE FDD Band 26b, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.70	3.19	23.74	23.74
		1	0	23.71	3.19	24.75	24.75
	MCH	6	0	22.71	3.19	23.75	23.75
		1	0	23.73	3.19	24.77	24.77
	HCH	6	0	22.54	3.19	23.58	23.58
		1	0	23.72	3.19	24.76	24.76
16QAM	LCH	5	0	22.68	3.19	23.72	23.72
		1	0	23.63	3.19	24.67	24.67
	MCH	5	0	22.80	3.19	23.84	23.84
		1	0	23.76	3.19	24.80	24.80
	HCH	5	0	22.48	3.19	23.52	23.52
		1	0	23.71	3.19	24.75	24.75

Remark: ERP limit for FCC/IC band 26b is 38.45dBm, so test result is pass.

LTE FDD Band 26b, Nominal Bandwidth: 15MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.69	3.19	24.73	24.73
		1	0	23.69	3.19	24.73	24.73
	MCH	6	0	23.70	3.19	24.74	24.74
		1	0	23.68	3.19	24.72	24.72
	HCH	6	0	23.77	3.19	24.81	24.81
		1	0	23.72	3.19	24.76	24.76
16QAM	LCH	5	0	23.71	3.19	24.75	24.75
		1	0	23.74	3.19	24.78	24.78
	MCH	5	0	23.73	3.19	24.77	24.77
		1	0	23.75	3.19	24.79	24.79
	HCH	5	0	23.78	3.19	24.82	24.82
		1	0	23.72	3.19	24.76	24.76

Remark: ERP limit for FCC/IC band 26b is 38.45dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 1.4MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.53	2	23.53	23.53
		1	0	23.43	2	25.43	25.43
	MCH	6	0	21.31	2	23.31	23.31
		1	0	23.28	2	25.28	25.28
	HCH	6	0	21.67	2	23.67	23.67
		1	0	23.51	2	25.51	25.51
16QAM	LCH	5	0	21.44	2	23.44	23.44
		1	0	23.02	2	25.02	25.02
	MCH	5	0	21.52	2	23.52	23.52
		1	0	22.98	2	24.98	24.98
	HCH	5	0	21.61	2	23.61	23.61
		1	0	23.13	2	25.13	25.13

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 3MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	21.64	2	23.64	23.64
		1	0	23.49	2	25.49	25.49
	MCH	6	0	21.39	2	23.39	23.39
		1	0	23.33	2	25.33	25.33
	HCH	6	0	21.61	2	23.61	23.61
		1	0	23.5	2	25.5	25.5
16QAM	LCH	5	0	21.29	2	23.29	23.29
		1	0	23.11	2	25.11	25.11
	MCH	5	0	21.28	2	23.28	23.28
		1	0	22.94	2	24.94	24.94
	HCH	5	0	21.42	2	23.42	23.42
		1	0	22.96	2	24.96	24.96

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.46	2	24.46	24.46
		1	0	23.42	2	25.42	25.42
	MCH	6	0	22.22	2	24.22	24.22
		1	0	23.21	2	25.21	25.21
	HCH	6	0	22.57	2	24.57	24.57
		1	0	23.42	2	25.42	25.42
16QAM	LCH	5	0	21.37	2	23.37	23.37
		1	0	23.42	2	25.42	25.42
	MCH	5	0	21.29	2	23.29	23.29
		1	0	23.3	2	25.3	25.3
	HCH	5	0	21.5	2	23.5	23.5
		1	0	23.54	2	25.54	25.54

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.55	2	24.55	24.55
		1	0	23.43	2	25.43	25.43
	MCH	6	0	22.34	2	24.34	24.34
		1	0	23.21	2	25.21	25.21
	HCH	6	0	22.56	2	24.56	24.56
		1	0	23.41	2	25.41	25.41
16QAM	LCH	5	0	22.39	2	24.39	24.39
		1	0	23.44	2	25.44	25.44
	MCH	5	0	22.23	2	24.23	24.23
		1	0	23.23	2	25.23	25.23
	HCH	5	0	22.47	2	24.47	24.47
		1	0	23.54	2	25.54	25.54

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 15MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.51	2	25.51	25.51
		1	0	23.45	2	25.45	25.45
	MCH	6	0	23.28	2	25.28	25.28
		1	0	23.26	2	25.26	25.26
	HCH	6	0	23.53	2	25.53	25.53
		1	0	23.38	2	25.38	25.38
16QAM	LCH	5	0	23.41	2	25.41	25.41
		1	0	23.46	2	25.46	25.46
	MCH	5	0	23.27	2	25.27	25.27
		1	0	23.29	2	25.29	25.29
	HCH	5	0	23.4	2	25.4	25.4
		1	0	23.52	2	25.52	25.52

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 66, Nominal Bandwidth: 20MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	6	0	23.48	2	25.48	25.48
		1	0	23.46	2	25.46	25.46
	MCH	6	0	23.34	2	25.34	25.34
		1	0	23.29	2	25.29	25.29
	HCH	6	0	23.5	2	25.5	25.5
		1	0	23.36	2	25.36	25.36
16QAM	LCH	5	0	23.46	2	25.46	25.46
		1	0	23.49	2	25.49	25.49
	MCH	5	0	23.33	2	25.33	25.33
		1	0	23.33	2	25.33	25.33
	HCH	5	0	23.37	2	25.37	25.37
		1	0	23.47	2	25.47	25.47

Remark: EIRP limit for FCC/IC band 66 is 30dBm, so test result is pass.

LTE FDD Band 85, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.16	3.95	23.96	23.96
		1	0	23.21	3.95	25.01	25.01
	MCH	6	0	21.98	3.95	23.78	23.78
		1	0	22.96	3.95	24.76	24.76
	HCH	6	0	21.96	3.95	23.76	23.76
		1	0	23.27	3.95	25.07	25.07
16QAM	LCH	5	0	21.21	3.95	23.01	23.01
		1	0	23.48	3.95	25.28	25.28
	MCH	5	0	21.19	3.95	22.99	22.99
		1	0	23.25	3.95	25.05	25.05
	HCH	5	0	21.18	3.95	22.98	22.98
		1	0	23.56	3.95	25.36	25.36

Remark: ERP limit for FCC/IC band 85 is 34.77dBm, so test result is pass.

LTE FDD Band 85, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	6	0	22.06	3.95	23.86	23.86
		1	0	23.14	3.95	24.94	24.94
	MCH	6	0	21.95	3.95	23.75	23.75
		1	0	22.96	3.95	24.76	24.76
	HCH	6	0	21.95	3.95	23.75	23.75
		1	0	23.3	3.95	25.1	25.1
16QAM	LCH	5	0	22.03	3.95	23.83	23.83
		1	0	23.48	3.95	25.28	25.28
	MCH	5	0	22.17	3.95	23.97	23.97
		1	0	23.29	3.95	25.09	25.09
	HCH	5	0	21.98	3.95	23.78	23.78
		1	0	23.55	3.95	25.35	25.35

Remark: ERP limit for FCC/IC band 85 is 34.77dBm, so test result is pass.

Note:

1) EIRP= Conducted output power + Antenna gain

2) ERP= Conducted output power + Antenna gain-2.15