

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.62	3	23.62
		6	0	18.33	3	21.33
	MCH	1	0	20.53	3	23.53
		6	0	18.27	3	21.27
	HCH	1	0	20.36	3	23.36
		6	0	18.38	3	21.38
16QAM	LCH	1	0	19.79	3	22.79
		5	0	18.44	3	21.44
	MCH	1	0	19.36	3	22.36
		5	0	18.6	3	21.6
	HCH	1	0	19.21	3	22.21
		5	0	18.46	3	21.46

Remark: EIRP limit for FCC 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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.59	3	23.59
		6	0	18.31	3	21.31
	MCH	1	0	20.48	3	23.48
		6	0	18.26	3	21.26
	HCH	1	0	20.29	3	23.29
		6	0	18.29	3	21.29
16QAM	LCH	1	0	19.37	3	22.37
		5	0	18.31	3	21.31
	MCH	1	0	19.44	3	22.44
		5	0	18.47	3	21.47
	HCH	1	0	19.21	3	22.21
		5	0	18.45	3	21.45

Remark: EIRP limit for FCC 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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.45	3	23.45
		6	0	19.36	3	22.36
	MCH	1	0	20.51	3	23.51
		6	0	19.37	3	22.37
	HCH	1	0	20.27	3	23.27
		6	0	19.30	3	22.3
16QAM	LCH	1	0	20.76	3	23.76
		5	0	19.5	3	22.5
	MCH	1	0	20.82	3	23.82
		5	0	19.48	3	22.48
	HCH	1	0	20.91	3	23.91
		5	0	19.39	3	22.39

Remark: EIRP limit for FCC 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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.46	3	23.46
		6	0	19.34	3	22.34
	MCH	1	0	20.59	3	23.59
		6	0	19.53	3	22.53
	HCH	1	0	20.3	3	23.3
		6	0	19.37	3	22.37
16QAM	LCH	1	0	20.78	3	23.78
		5	0	20.6	3	23.6
	MCH	1	0	20.94	3	23.94
		5	0	20.63	3	23.63
	HCH	1	0	20.92	3	23.92
		5	0	20.8	3	23.8

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.47	3	23.47
		6	0	20.38	3	23.38
	MCH	1	0	20.69	3	23.69
		6	0	20.45	3	23.45
	HCH	1	0	20.31	3	23.31
		6	0	20.28	3	23.28
16QAM	LCH	1	0	20.77	3	23.77
		5	0	20.57	3	23.57
	MCH	1	0	20.92	3	23.92
		5	0	20.63	3	23.63
	HCH	1	0	20.93	3	23.93
		5	0	20.82	3	23.82

Remark: EIRP limit for FCC 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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.48	3	23.48
		6	0	20.38	3	23.38
	MCH	1	0	20.61	3	23.61
		6	0	20.56	3	23.56
	HCH	1	0	20.20	3	23.2
		6	0	20.29	3	23.29
16QAM	LCH	1	0	20.77	3	23.77
		5	0	20.52	3	23.52
	MCH	1	0	20.97	3	23.97
		5	0	20.63	3	23.63
	HCH	1	0	20.91	3	23.91
		5	0	20.83	3	23.83

Remark: EIRP limit for FCC 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)
		Size	Offset			
QPSK	LCH	1	0	20.17	3	23.17
		6	0	17.81	3	20.81
	MCH	1	0	20.46	3	23.46
		6	0	18.35	3	21.35
	HCH	1	0	20.39	3	23.39
		6	0	18.33	3	21.33
16QAM	LCH	1	0	19.07	3	22.07
		5	0	17.84	3	20.84
	MCH	1	0	19.5	3	22.5
		5	0	18.48	3	21.48
	HCH	1	0	19.19	3	22.19
		5	0	18.49	3	21.49

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)
		Size	Offset			
QPSK	LCH	1	0	20.1	3	23.1
		6	0	17.93	3	20.93
	MCH	1	0	20.56	3	23.56
		6	0	18.38	3	21.38
	HCH	1	0	20.42	3	23.42
		6	0	18.31	3	21.31
16QAM	LCH	1	0	19.03	3	22.03
		5	0	17.94	3	20.94
	MCH	1	0	21.75	3	24.75
		5	0	18.52	3	21.52
	HCH	1	0	19.37	3	22.37
		5	0	18.5	3	21.5

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)
		Size	Offset			
QPSK	LCH	1	0	20.09	3	23.09
		6	0	18.85	3	21.85
	MCH	1	0	20.48	3	23.48
		6	0	19.39	3	22.39
	HCH	1	0	20.33	3	23.33
		6	0	19.39	3	22.39
16QAM	LCH	1	0	20.41	3	23.41
		5	0	19.10	3	22.1
	MCH	1	0	20.91	3	23.91
		5	0	19.53	3	22.53
	HCH	1	0	20.62	3	23.62
		5	0	19.59	3	22.59

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)
		Size	Offset			
QPSK	LCH	1	0	20.1	3	23.1
		6	0	18.86	3	21.86
	MCH	1	0	20.4	3	23.4
		6	0	19.29	3	22.29
	HCH	1	0	20.39	3	23.39
		6	0	19.35	3	22.35
16QAM	LCH	1	0	20.42	3	23.42
		5	0	20.13	3	23.13
	MCH	1	0	20.92	3	23.92
		5	0	20.6	3	23.6
	HCH	1	0	20.68	3	23.68
		5	0	20.59	3	23.59

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)
		Size	Offset			
QPSK	LCH	1	0	20.07	3	23.07
		6	0	19.99	3	22.99
	MCH	1	0	20.47	3	23.47
		6	0	20.32	3	23.32
	HCH	1	0	20.35	3	23.35
		6	0	20.38	3	23.38
16QAM	LCH	1	0	20.38	3	23.38
		5	0	20.17	3	23.17
	MCH	1	0	20.86	3	23.86
		5	0	20.60	3	23.6
	HCH	1	0	20.67	3	23.67
		5	0	20.58	3	23.58

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)
		Size	Offset			
QPSK	LCH	1	0	20.14	3	23.14
		6	0	20.07	3	22.97
	MCH	1	0	20.44	3	23.44
		6	0	20.32	3	23.32
	HCH	1	0	20.38	3	23.38
		6	0	20.50	3	23.5
16QAM	LCH	1	0	20.42	3	23.42
		5	0	20.16	3	23.16
	MCH	1	0	20.85	3	23.85
		5	0	20.60	3	23.6
	HCH	1	0	20.67	3	23.67
		5	0	20.58	3	23.58

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.14	3	20.99
		6	0	17.9	3	18.75
	MCH	1	0	20.09	3	20.84
		6	0	17.97	3	18.82
	HCH	1	0	20.07	3	20.72
		6	0	18.02	3	18.87
16QAM	LCH	1	0	19.11	3	19.96
		5	0	18.11	3	18.96
	MCH	1	0	19.33	3	20.18
		5	0	17.97	3	18.82
	HCH	1	0	18.88	3	19.73
		5	0	18.03	3	18.88

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.14	3	20.99
		6	0	18.01	3	18.86
	MCH	1	0	20.06	3	20.91
		6	0	17.93	3	18.78
	HCH	1	0	20.03	3	20.71
		6	0	18.07	3	18.92
16QAM	LCH	1	0	19.12	3	19.97
		5	0	18.06	3	18.91
	MCH	1	0	19.04	3	19.89
		5	0	18.0	3	18.85
	HCH	1	0	18.87	3	19.72
		5	0	18.08	3	18.93

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.05	3	20.9
		6	0	18.93	3	19.78
	MCH	1	0	20.01	3	20.86
		6	0	18.75	3	19.6
	HCH	1	0	20.06	3	20.51
		6	0	18.81	3	19.66
16QAM	LCH	1	0	20.57	3	21.42
		5	0	19.11	3	19.96
	MCH	1	0	20.5	3	21.35
		5	0	19.0	3	19.85
	HCH	1	0	20.09	3	20.84
		5	0	18.97	3	19.82

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.16	3	21.01
		6	0	18.86	3	19.71
	MCH	1	0	20.07	3	20.82
		6	0	18.83	3	19.68
	HCH	1	0	20.06	3	20.51
		6	0	18.82	3	19.67
16QAM	LCH	1	0	20.52	3	21.37
		5	0	20.26	3	21.11
	MCH	1	0	20.48	3	21.33
		5	0	20.21	3	21.06
	HCH	1	0	20.0	3	20.85
		5	0	20.05	3	20.8

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.7	3	21.55
		6	0	18.51	3	19.36
	MCH	1	0	20.6	3	21.45
		6	0	18.47	3	19.32
	HCH	1	0	20.11	3	20.96
		6	0	18.31	3	19.16
16QAM	LCH	1	0	19.6	3	20.45
		5	0	18.56	3	19.41
	MCH	1	0	19.57	3	20.42
		5	0	18.43	3	19.28
	HCH	1	0	19.09	3	19.94
		5	0	18.35	3	19.2

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.77	3	21.62
		6	0	18.5	3	19.35
	MCH	1	0	20.65	3	21.5
		6	0	18.43	3	19.28
	HCH	1	0	20.12	3	20.97
		6	0	18.33	3	19.18
16QAM	LCH	1	0	19.74	3	20.59
		5	0	18.64	3	19.49
	MCH	1	0	19.64	3	20.49
		5	0	18.43	3	19.28
	HCH	1	0	19.09	3	19.94
		5	0	18.37	3	19.22

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.75	3	21.6
		6	0	19.6	3	20.45
	MCH	1	0	20.6	3	21.45
		6	0	19.42	3	20.27
	HCH	1	0	20.12	3	20.97
		6	0	19.32	3	20.17
16QAM	LCH	1	0	21.23	3	22.08
		5	0	19.8	3	20.65
	MCH	1	0	20.93	3	21.78
		5	0	19.68	3	20.53
	HCH	1	0	20.61	3	21.46
		5	0	19.41	3	20.26

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.78	3	21.63
		6	0	19.54	3	20.39
	MCH	1	0	20.63	3	21.48
		6	0	19.46	3	20.31
	HCH	1	0	20.09	3	20.94
		6	0	19.39	3	20.24
16QAM	LCH	1	0	21.29	3	22.14
		5	0	20.91	3	21.76
	MCH	1	0	20.92	3	21.77
		5	0	20.62	3	21.47
	HCH	1	0	20.59	3	21.44
		5	0	20.57	3	21.42

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	21.17	3	22.02
		6	0	19.91	3	20.76
	MCH	1	0	21.06	3	21.91
		6	0	19.93	3	20.78
	HCH	1	0	20.68	3	21.53
		6	0	19.78	3	20.63
16QAM	LCH	1	0	21.5	3	22.35
		5	0	20.16	3	21.01
	MCH	1	0	21.46	3	22.31
		5	0	20.13	3	20.98
	HCH	1	0	20.92	3	21.77
		5	0	19.97	3	20.82

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)	ERP (dBm)
		Size	Offset			
QPSK	MCH	1	0	21.16	3	22.01
		6	0	19.95	3	20.8
16QAM	MCH	1	0	21.47	3	22.32
		5	0	21.19	3	22.04

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

LTE FDD Band 14, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.83	3	21.68
		6	0	19.67	3	20.52
	MCH	1	0	20.78	3	21.63
		6	0	19.69	3	20.54
	HCH	1	0	20.32	3	21.17
		6	0	19.42	3	20.27
16QAM	LCH	1	0	21.16	3	22.01
		5	0	18.91	3	19.76
	MCH	1	0	21.07	3	21.92
		5	0	18.86	3	19.71
	HCH	1	0	20.64	3	21.49
		5	0	18.65	3	19.5

Remark: ERP limit for FCC/IC band 14 is 34.77dBm, so test result is pass.

LTE FDD Band 14, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	ERP (dBm)
		Size	Offset			
QPSK	MCH	1	0	20.86	3	21.71
		6	0	19.72	3	20.57
16QAM	MCH	1	0	21.18	3	22.03
		5	0	19.95	3	20.8

Remark: ERP limit for FCC/IC band 14 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)
		Size	Offset			
QPSK	LCH	1	0	20.4	3	23.4
		6	0	18.19	3	21.19
	MCH	1	0	20.4	3	23.4
		6	0	18.31	3	21.31
	HCH	1	0	20.7	3	23.7
		6	0	18.48	3	21.48
16QAM	LCH	1	0	19.54	3	22.54
		5	0	18.23	3	21.23
	MCH	1	0	19.42	3	22.42
		5	0	18.34	3	21.34
	HCH	1	0	19.69	3	22.69
		5	0	18.56	3	21.56

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)
		Size	Offset			
QPSK	LCH	1	0	20.46	3	23.46
		6	0	18.13	3	21.13
	MCH	1	0	20.49	3	23.49
		6	0	18.27	3	21.27
	HCH	1	0	20.69	3	23.69
		6	0	18.46	3	21.46
16QAM	LCH	1	0	19.31	3	22.31
		5	0	18.25	3	21.25
	MCH	1	0	19.44	3	22.44
		5	0	18.37	3	21.37
	HCH	1	0	19.62	3	22.62
		5	0	18.58	3	21.58

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)
		Size	Offset			
QPSK	LCH	1	0	20.39	3	23.39
		6	0	19.18	3	22.18
	MCH	1	0	20.44	3	23.44
		6	0	19.26	3	22.26
	HCH	1	0	20.6	3	23.6
		6	0	19.53	3	22.53
16QAM	LCH	1	0	20.69	3	23.69
		5	0	19.33	3	22.33
	MCH	1	0	21.03	3	24.03
		5	0	19.43	3	22.43
	HCH	1	0	20.99	3	23.99
		5	0	19.82	3	22.82

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)
		Size	Offset			
QPSK	LCH	1	0	20.33	3	23.33
		6	0	19.2	3	22.2
	MCH	1	0	20.41	3	23.41
		6	0	19.4	3	22.4
	HCH	1	0	20.57	3	23.57
		6	0	19.49	3	22.49
16QAM	LCH	1	0	20.73	3	23.73
		5	0	20.45	3	23.45
	MCH	1	0	20.8	3	23.8
		5	0	20.82	3	23.82
	HCH	1	0	20.98	3	23.98
		5	0	20.87	3	23.87

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)
		Size	Offset			
QPSK	LCH	1	0	20.35	3	23.35
		6	0	20.21	3	23.21
	MCH	1	0	20.53	3	23.53
		6	0	20.3	3	23.3
	HCH	1	0	20.61	3	23.61
		6	0	20.67	3	23.67
16QAM	LCH	1	0	20.73	3	23.73
		5	0	20.46	3	23.46
	MCH	1	0	20.88	3	23.88
		5	0	20.61	3	23.61
	HCH	1	0	21.03	3	24.03
		5	0	20.91	3	23.91

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)
		Size	Offset			
QPSK	LCH	1	0	20.32	3	23.32
		6	0	20.15	3	23.15
	MCH	1	0	20.6	3	23.6
		6	0	20.49	3	23.49
	HCH	1	0	20.62	3	23.62
		6	0	20.69	3	23.69
16QAM	LCH	1	0	20.78	3	23.78
		5	0	20.44	3	23.44
	MCH	1	0	20.97	3	23.97
		5	0	20.72	3	23.72
	HCH	1	0	21.03	3	24.03
		5	0	20.93	3	23.93

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.36	3	21.21
		6	0	18.16	3	19.01
	MCH	1	0	20.13	3	20.98
		6	0	17.82	3	18.67
	HCH	1	0	20.08	3	20.83
		6	0	18.01	3	18.86
16QAM	LCH	1	0	19.32	3	20.17
		5	0	18.20	3	19.05
	MCH	1	0	19.11	3	19.96
		5	0	18.02	3	18.87
	HCH	1	0	18.99	3	19.84
		5	0	18.24	3	19.09

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.4	3	21.25
		6	0	18.21	3	19.06
	MCH	1	0	20.29	3	21.14
		6	0	17.91	3	18.76
	HCH	1	0	20.07	3	20.92
		6	0	18.03	3	18.88
16QAM	LCH	1	0	19.35	3	20.2
		5	0	18.26	3	19.11
	MCH	1	0	19.23	3	20.08
		5	0	18.15	3	19
	HCH	1	0	19.07	3	19.92
		5	0	18.21	3	19.06

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.37	3	21.22
		6	0	19.09	3	19.94
	MCH	1	0	20.16	3	21.01
		6	0	18.88	3	19.73
	HCH	1	0	20.09	3	20.74
		6	0	19.04	3	19.89
16QAM	LCH	1	0	21.03	3	21.88
		5	0	19.33	3	20.18
	MCH	1	0	20.53	3	21.38
		5	0	19.13	3	19.98
	HCH	1	0	20.26	3	21.11
		5	0	19.27	3	20.12

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)	ERP (dBm)
		Size	Offset			
QPSK	MCH	1	0	20.29	3	21.14
		6	0	19.02	3	19.87
16QAM	MCH	1	0	20.66	3	21.51
		5	0	20.36	3	21.21

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.18	3	21.03
		6	0	17.82	3	18.67
	MCH	1	0	20.15	3	21
		6	0	18.05	3	18.9
	HCH	1	0	20.03	3	20.48
		6	0	17.95	3	18.8
16QAM	LCH	1	0	19.07	3	19.92
		5	0	18.10	3	18.95
	MCH	1	0	19.16	3	20.01
		5	0	18.17	3	19.02
	HCH	1	0	18.78	3	19.63
		5	0	18.05	3	18.9

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.25	3	21.1
		6	0	17.95	3	18.8
	MCH	1	0	20.16	3	21.01
		6	0	18.05	3	18.9
	HCH	1	0	20.08	3	20.63
		6	0	17.96	3	18.81
16QAM	LCH	1	0	19.23	3	20.08
		5	0	18.13	3	18.98
	MCH	1	0	19.16	3	20.01
		5	0	18.21	3	19.06
	HCH	1	0	18.79	3	19.64
		5	0	18.13	3	18.98

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.16	3	21.01
		6	0	18.96	3	19.81
	MCH	1	0	20.08	3	20.93
		6	0	19.02	3	19.87
	HCH	1	0	20.02	3	20.57
		6	0	18.99	3	19.84
16QAM	LCH	1	0	20.5	3	21.35
		5	0	19.19	3	20.04
	MCH	1	0	20.57	3	21.42
		5	0	19.09	3	19.94
	HCH	1	0	20.27	3	21.12
		5	0	19.05	3	19.9

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.19	3	21.04
		6	0	18.97	3	19.82
	MCH	1	0	20.33	3	21.18
		6	0	19.05	3	19.9
	HCH	1	0	20.05	3	20.6
		6	0	18.98	3	19.83
16QAM	LCH	1	0	20.55	3	21.4
		5	0	20.25	3	21.1
	MCH	1	0	20.67	3	21.52
		5	0	20.31	3	21.16
	HCH	1	0	20.28	3	21.13
		5	0	20.21	3	21.06

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.04	3	20.89
		6	0	19.92	3	20.77
	MCH	1	0	20.38	3	21.23
		6	0	19.95	3	20.8
	HCH	1	0	20.02	3	20.67
		6	0	19.91	3	20.76
16QAM	LCH	1	0	20.51	3	21.36
		5	0	20.23	3	21.08
	MCH	1	0	20.68	3	21.53
		5	0	20.32	3	21.17
	HCH	1	0	20.32	3	21.17
		5	0	20.28	3	21.13

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.08	3	22.88
		6	0	17.77	3	20.77
	MCH	1	0	20.02	3	23.02
		6	0	17.74	3	20.74
	HCH	1	0	20.14	3	23.14
		6	0	18.04	3	21.04
16QAM	LCH	1	0	19.22	3	22.22
		5	0	17.73	3	20.73
	MCH	1	0	19.22	3	22.22
		5	0	17.79	3	20.79
	HCH	1	0	18.96	3	21.96
		5	0	18.24	3	21.24

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.17	3	23.17
		6	0	17.82	3	20.82
	MCH	1	0	20.04	3	23.04
		6	0	17.74	3	20.74
	HCH	1	0	20.26	3	23.26
		6	0	18.08	3	21.08
16QAM	LCH	1	0	19.09	3	22.09
		5	0	17.97	3	20.97
	MCH	1	0	18.88	3	21.88
		5	0	17.88	3	20.88
	HCH	1	0	19.17	3	22.17
		5	0	18.24	3	21.24

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.14	3	23.14
		6	0	18.88	3	21.88
	MCH	1	0	20.02	3	23.02
		6	0	18.9	3	21.9
	HCH	1	0	20.15	3	23.15
		6	0	19.22	3	22.22
16QAM	LCH	1	0	20.35	3	23.35
		5	0	19.08	3	22.08
	MCH	1	0	20.25	3	23.25
		5	0	19.07	3	22.07
	HCH	1	0	20.58	3	23.58
		5	0	19.39	3	22.39

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.11	3	23.11
		6	0	18.99	3	21.99
	MCH	1	0	20.12	3	23.12
		6	0	19.01	3	22.01
	HCH	1	0	20.13	3	23.13
		6	0	19.22	3	22.22
16QAM	LCH	1	0	20.36	3	23.36
		5	0	20.06	3	23.06
	MCH	1	0	20.37	3	23.37
		5	0	20.09	3	23.09
	HCH	1	0	20.61	3	23.61
		5	0	20.46	3	23.46

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.12	3	23.12
		6	0	20.01	3	23.01
	MCH	1	0	20.17	3	23.17
		6	0	20.02	3	23.02
	HCH	1	0	20.13	3	23.13
		6	0	20.22	3	23.22
16QAM	LCH	1	0	20.35	3	23.35
		5	0	20.06	3	23.06
	MCH	1	0	20.48	3	23.48
		5	0	20.1	3	23.1
	HCH	1	0	20.63	3	23.63
		5	0	20.46	3	23.46

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)	EIRP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.11	3	23.11
		6	0	19.97	3	22.97
	MCH	1	0	20.38	3	23.38
		6	0	20.25	3	23.25
	HCH	1	0	20.1	3	23.1
		6	0	20.23	3	23.23
16QAM	LCH	1	0	20.32	3	23.32
		5	0	20.06	3	23.06
	MCH	1	0	20.75	3	23.75
		5	0	20.42	3	23.42
	HCH	1	0	20.6	3	23.6
		5	0	20.44	3	23.44

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.82	3	21.67
		6	0	19.74	3	20.59
	MCH	1	0	20.81	3	21.66
		6	0	19.72	3	20.57
	HCH	1	0	20.26	3	21.11
		6	0	19.33	3	20.18
16QAM	LCH	1	0	21.29	3	22.14
		5	0	19.87	3	20.72
	MCH	1	0	21.08	3	21.93
		5	0	19.87	3	20.72
	HCH	1	0	20.64	3	21.49
		5	0	19.53	3	20.38

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)	ERP (dBm)
		Size	Offset			
QPSK	LCH	1	0	20.82	3	21.67
		6	0	19.64	3	20.49
	MCH	1	0	20.82	3	21.67
		6	0	19.73	3	20.58
	HCH	1	0	20.25	3	21.1
		6	0	19.37	3	20.22
16QAM	LCH	1	0	21.37	3	22.22
		5	0	21.03	3	21.88
	MCH	1	0	21.13	3	21.98
		5	0	20.85	3	21.7
	HCH	1	0	20.64	3	21.49
		5	0	20.65	3	21.5

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