

LTE Cat NB Appendix-Output Power

LTE FDD Band 2, SCS:3.75KHz								
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	19.7	2.65	22.35	22.35	
		1	24	19.72	2.65	22.37	22.37	
		1	47	19.63	2.65	22.28	22.28	
	MCH	1	0	20.1	2.65	22.75	22.75	
		1	24	20.05	2.65	22.7	22.7	
		1	47	20.03	2.65	22.68	22.68	
	HCH	1	0	20.11	2.65	22.76	22.76	
		1	24	20.26	2.65	22.91	22.91	
		1	47	19.98	2.65	22.63	22.63	
	BPSK	LCH	1	0	19.61	2.65	22.26	22.26
			1	24	19.5	2.65	22.15	22.15
			1	47	19.56	2.65	22.21	22.21
MCH		1	0	20.02	2.65	22.67	22.67	
		1	24	20.11	2.65	22.76	22.76	
		1	47	19.96	2.65	22.61	22.61	
HCH		1	0	20.1	2.65	22.75	22.75	
		1	24	19.99	2.65	22.64	22.64	
		1	47	20.19	2.65	22.84	22.84	

LTE FDD Band 2, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	19.77	2.65	22.42	22.42
		1	6	19.91	2.65	22.56	22.56
		1	11	19.58	2.65	22.23	22.23
		6	0	18.87	2.65	21.52	21.52
		6	3	19.06	2.65	21.71	21.71
		6	6	18.96	2.65	21.61	21.61
		12	0	18.11	2.65	20.76	20.76
	MCH	1	0	20.17	2.65	22.82	22.82
		1	6	19.99	2.65	22.64	22.64
		1	11	20.06	2.65	22.71	22.71
		6	0	19.38	2.65	22.03	22.03
		6	3	19.48	2.65	22.13	22.13
		6	6	19.57	2.65	22.22	22.22
		12	0	18.21	2.65	20.86	20.86
	HCH	1	0	20.14	2.65	22.79	22.79
		1	6	20.33	2.65	22.98	22.98
		1	11	20.25	2.65	22.9	22.9
		6	0	19.33	2.65	21.98	21.98
		6	3	19.19	2.65	21.84	21.84
		6	6	19.17	2.65	21.82	21.82
		12	0	18.25	2.65	20.9	20.9
BPSK	LCH	1	0	19.7	2.65	22.35	22.35
		1	6	19.6	2.65	22.25	22.25
		1	11	19.56	2.65	22.21	22.21
	MCH	1	0	20.05	2.65	22.7	22.7
		1	6	19.99	2.65	22.64	22.64
		1	11	19.98	2.65	22.63	22.63
	HCH	1	0	20.05	2.65	22.7	22.7
		1	6	20.01	2.65	22.66	22.66
		1	11	20.05	2.65	22.7	22.7

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

LTE FDD Band 4, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.13	3.05	23.18	23.18
		1	24	20.05	3.05	23.1	23.1
		1	47	20	3.05	23.05	23.05
	MCH	1	0	20.34	3.05	23.39	23.39
		1	24	20.28	3.05	23.33	23.33
		1	47	20.34	3.05	23.39	23.39
	HCH	1	0	19.9	3.05	22.95	22.95
		1	24	20.03	3.05	23.08	23.08
		1	47	19.92	3.05	22.97	22.97
BPSK	LCH	1	0	20.18	3.05	23.23	23.23
		1	24	20.29	3.05	23.34	23.34
		1	47	20.05	3.05	23.1	23.1
	MCH	1	0	20.28	3.05	23.33	23.33
		1	24	20.16	3.05	23.21	23.21
		1	47	20.29	3.05	23.34	23.34
	HCH	1	0	19.87	3.05	22.92	22.92
		1	24	19.85	3.05	22.9	22.9
		1	47	19.9	3.05	22.95	22.95

LTE FDD Band 4, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.17	3.05	23.22	23.22
		1	6	20.1	3.05	23.15	23.15
		1	11	20.11	3.05	23.16	23.16
		6	0	19.44	3.05	22.49	22.49
		6	3	19.35	3.05	22.4	22.4
		6	6	19.47	3.05	22.52	22.52
		12	0	18.16	3.05	21.21	21.21
	MCH	1	0	20.29	3.05	23.34	23.34
		1	6	20.37	3.05	23.42	23.42
		1	11	20.34	3.05	23.39	23.39
		6	0	19.3	3.05	22.35	22.35
		6	3	19.58	3.05	22.63	22.63
		6	6	19.47	3.05	22.52	22.52
		12	0	18.15	3.05	21.2	21.2
	HCH	1	0	19.88	3.05	22.93	22.93
		1	6	19.89	3.05	22.94	22.94
		1	11	19.78	3.05	22.83	22.83
		6	0	19.07	3.05	22.12	22.12
		6	3	18.92	3.05	21.97	21.97
		6	6	19.06	3.05	22.11	22.11
		12	0	18.07	3.05	21.12	21.12
BPSK	LCH	1	0	20.16	3.05	23.21	23.21
		1	6	20.29	3.05	23.34	23.34
		1	11	19.97	3.05	23.02	23.02
	MCH	1	0	20.18	3.05	23.23	23.23
		1	6	20.28	3.05	23.33	23.33
		1	11	20.37	3.05	23.42	23.42
	HCH	1	0	19.77	3.05	22.82	22.82
		1	6	19.59	3.05	22.64	22.64
		1	11	19.87	3.05	22.92	22.92

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

LTE FDD Band 5, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.54	3.53	21.92	24.07
		1	24	20.64	3.53	22.02	24.17
		1	47	20.7	3.53	22.08	24.23
	MCH	1	0	20.54	3.53	21.92	24.07
		1	24	20.61	3.53	21.99	24.14
		1	47	20.7	3.53	22.08	24.23
	HCH	1	0	20.4	3.53	21.78	23.93
		1	24	20.33	3.53	21.71	23.86
		1	47	20.22	3.53	21.6	23.75
BPSK	LCH	1	0	20.35	3.53	21.73	23.88
		1	24	20.25	3.53	21.63	23.78
		1	47	20.28	3.53	21.66	23.81
	MCH	1	0	20.51	3.53	21.89	24.04
		1	24	20.7	3.53	22.08	24.23
		1	47	20.36	3.53	21.74	23.89
	HCH	1	0	20.4	3.53	21.78	23.93
		1	24	20.28	3.53	21.66	23.81
		1	47	20.54	3.53	21.92	24.07

LTE FDD Band 5, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.33	3.53	21.71	23.86
		1	6	20.38	3.53	21.76	23.91
		1	11	20.49	3.53	21.87	24.02
		6	0	19.7	3.53	21.08	23.23
		6	3	19.4	3.53	20.78	22.93
		6	6	19.58	3.53	20.96	23.11
		12	0	18.36	3.53	19.74	21.89
	MCH	1	0	20.5	3.53	21.88	24.03
		1	6	20.33	3.53	21.71	23.86
		1	11	20.31	3.53	21.69	23.84
		6	0	19.82	3.53	21.2	23.35
		6	3	19.86	3.53	21.24	23.39
		6	6	19.72	3.53	21.1	23.25
		12	0	18.45	3.53	19.83	21.98
	HCH	1	0	20.22	3.53	21.6	23.75
		1	6	20.27	3.53	21.65	23.8
		1	11	20.21	3.53	21.59	23.74
		6	0	19.47	3.53	20.85	23
		6	3	19.39	3.53	20.77	22.92
		6	6	19.31	3.53	20.69	22.84
		12	0	18.27	3.53	19.65	21.8
BPSK	LCH	1	0	20.41	3.53	21.79	23.94
		1	6	20.22	3.53	21.6	23.75
		1	11	20.3	3.53	21.68	23.83
	MCH	1	0	20.45	3.53	21.83	23.98
		1	6	20.48	3.53	21.86	24.01
		1	11	20.4	3.53	21.78	23.93
	HCH	1	0	20.2	3.53	21.58	23.73
		1	6	20.19	3.53	21.57	23.72
		1	11	20.18	3.53	21.56	23.71

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

EIRP limit for IC band 5 is 40.61dBm, so test result is pass.

LTE FDD Band 12, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.64	1.95	20.44	20.44
		1	24	20.78	1.95	20.58	20.58
		1	47	20.73	1.95	20.53	20.53
	MCH	1	0	20.78	1.95	20.58	20.58
		1	24	20.67	1.95	20.47	20.47
		1	47	20.84	1.95	20.64	20.64
	HCH	1	0	20.45	1.95	20.25	20.25
		1	24	20.34	1.95	20.14	20.14
		1	47	20.65	1.95	20.45	20.45
BPSK	LCH	1	0	21.09	1.95	20.89	20.89
		1	24	20.97	1.95	20.77	20.77
		1	47	21.09	1.95	20.89	20.89
	MCH	1	0	20.62	1.95	20.42	20.42
		1	24	20.67	1.95	20.47	20.47
		1	47	20.64	1.95	20.44	20.44
	HCH	1	0	20.41	1.95	20.21	20.21
		1	24	20.24	1.95	20.04	20.04
		1	47	20.29	1.95	20.09	20.09

LTE FDD Band 12, SCS:15KHz								
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.56	1.95	20.36	20.36	
		1	6	20.37	1.95	20.17	20.17	
		1	11	20.61	1.95	20.41	20.41	
		6	0	19.89	1.95	19.69	19.69	
		6	3	19.95	1.95	19.75	19.75	
		6	6	19.95	1.95	19.75	19.75	
		12	0	18.36	1.95	18.16	18.16	
	MCH	1	0	20.53	1.95	20.33	20.33	
		1	6	20.59	1.95	20.39	20.39	
		1	11	20.35	1.95	20.15	20.15	
		6	0	19.65	1.95	19.45	19.45	
		6	3	19.87	1.95	19.67	19.67	
		6	6	19.78	1.95	19.58	19.58	
		12	0	18.45	1.95	18.25	18.25	
	HCH	1	0	20.31	1.95	20.11	20.11	
		1	6	20.16	1.95	19.96	19.96	
		1	11	20.39	1.95	20.19	20.19	
		6	0	19.65	1.95	19.45	19.45	
		6	3	19.51	1.95	19.31	19.31	
		6	6	19.38	1.95	19.18	19.18	
		12	0	18.28	1.95	18.08	18.08	
	BPSK	LCH	1	0	20.38	1.95	20.18	20.18
			1	6	20.54	1.95	20.34	20.34
			1	11	20.5	1.95	20.3	20.3
MCH		1	0	20.46	1.95	20.26	20.26	
		1	6	20.36	1.95	20.16	20.16	
		1	11	20.38	1.95	20.18	20.18	
HCH		1	0	20.25	1.95	20.05	20.05	
		1	6	20.28	1.95	20.08	20.08	
		1	11	20.3	1.95	20.1	20.1	

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



LTE FDD Band 13, SCS:3.75KHz								
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.88	1.22	19.95	19.95	
		1	24	21.03	1.22	20.1	20.1	
		1	47	20.97	1.22	20.04	20.04	
	MCH	1	0	20.93	1.22	20	20	
		1	24	20.77	1.22	19.84	19.84	
		1	47	20.83	1.22	19.9	19.9	
	HCH	1	0	20.8	1.22	19.87	19.87	
		1	24	20.88	1.22	19.95	19.95	
		1	47	20.76	1.22	19.83	19.83	
	BPSK	LCH	1	0	20.87	1.22	19.94	19.94
			1	24	20.96	1.22	20.03	20.03
			1	47	21.06	1.22	20.13	20.13
MCH		1	0	20.85	1.22	19.92	19.92	
		1	24	20.76	1.22	19.83	19.83	
		1	47	20.67	1.22	19.74	19.74	
HCH		1	0	20.76	1.22	19.83	19.83	
		1	24	20.83	1.22	19.9	19.9	
		1	47	20.68	1.22	19.75	19.75	

LTE FDD Band 13, SCS:15KHz								
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.85	1.22	19.92	19.92	
		1	6	21.01	1.22	20.08	20.08	
		1	11	20.93	1.22	20	20	
		6	0	20.04	1.22	19.11	19.11	
		6	3	20.23	1.22	19.3	19.3	
		6	6	19.98	1.22	19.05	19.05	
		12	0	19.68	1.22	18.75	18.75	
	MCH	1	0	21.03	1.22	20.1	20.1	
		1	6	21.1	1.22	20.17	20.17	
		1	11	21.12	1.22	20.19	20.19	
		6	0	20.16	1.22	19.23	19.23	
		6	3	20.17	1.22	19.24	19.24	
		6	6	20.1	1.22	19.17	19.17	
		12	0	18.78	1.22	17.85	17.85	
	HCH	1	0	20.88	1.22	19.95	19.95	
		1	6	20.94	1.22	20.01	20.01	
		1	11	20.7	1.22	19.77	19.77	
		6	0	19.9	1.22	18.97	18.97	
		6	3	19.88	1.22	18.95	18.95	
		6	6	20.28	1.22	19.35	19.35	
		12	0	18.78	1.22	17.85	17.85	
	BPSK	LCH	1	0	20.82	1.22	19.89	19.89
			1	6	20.67	1.22	19.74	19.74
			1	11	20.87	1.22	19.94	19.94
MCH		1	0	20.91	1.22	19.98	19.98	
		1	6	20.97	1.22	20.04	20.04	
		1	11	20.92	1.22	19.99	19.99	
HCH		1	0	20.81	1.22	19.88	19.88	
		1	6	20.78	1.22	19.85	19.85	
		1	11	20.92	1.22	19.99	19.99	

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

LTE FDD Band 19, SCS:3.75KHz								
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.36	3.48	21.69	23.84	
		1	24	20.54	3.48	21.87	24.02	
		1	47	20.52	3.48	21.85	24	
	MCH	1	0	20.63	3.48	21.96	24.11	
		1	24	20.43	3.48	21.76	23.91	
		1	47	20.7	3.48	22.03	24.18	
	HCH	1	0	20.53	3.48	21.86	24.01	
		1	24	20.47	3.48	21.8	23.95	
		1	47	20.58	3.48	21.91	24.06	
	BPSK	LCH	1	0	20.34	3.48	21.67	23.82
			1	24	20.25	3.48	21.58	23.73
			1	47	20.3	3.48	21.63	23.78
MCH		1	0	20.56	3.48	21.89	24.04	
		1	24	20.6	3.48	21.93	24.08	
		1	47	20.42	3.48	21.75	23.9	
HCH		1	0	20.48	3.48	21.81	23.96	
		1	24	20.3	3.48	21.63	23.78	
		1	47	20.5	3.48	21.83	23.98	

LTE FDD Band 19, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.34	3.48	21.67	23.82
		1	6	20.3	3.48	21.63	23.78
		1	11	20.15	3.48	21.48	23.63
		6	0	19.48	3.48	20.81	22.96
		6	3	19.57	3.48	20.9	23.05
		6	6	19.66	3.48	20.99	23.14
		12	0	18.25	3.48	19.58	21.73
	MCH	1	0	20.48	3.48	21.81	23.96
		1	6	20.53	3.48	21.86	24.01
		1	11	20.66	3.48	21.99	24.14
		6	0	19.65	3.48	20.98	23.13
		6	3	19.83	3.48	21.16	23.31
		6	6	19.54	3.48	20.87	23.02
		12	0	18.42	3.48	19.75	21.9
	HCH	1	0	20.42	3.48	21.75	23.9
		1	6	20.5	3.48	21.83	23.98
		1	11	20.51	3.48	21.84	23.99
		6	0	19.62	3.48	20.95	23.1
		6	3	19.74	3.48	21.07	23.22
		6	6	19.63	3.48	20.96	23.11
		12	0	18.45	3.48	19.78	21.93
BPSK	LCH	1	0	20.2	3.48	21.53	23.68
		1	6	20.26	3.48	21.59	23.74
		1	11	20.18	3.48	21.51	23.66
	MCH	1	0	20.39	3.48	21.72	23.87
		1	6	20.4	3.48	21.73	23.88
		1	11	20.19	3.48	21.52	23.67
	HCH	1	0	20.37	3.48	21.7	23.85
		1	6	20.39	3.48	21.72	23.87
		1	11	20.23	3.48	21.56	23.71

Remark: ERP limit for FCC band 19 is 38.45dBm, so test result is pass.

EIRP limit for IC band 19 is 40.61dBm, so test result is pass.

LTE FDD Band 25, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.13	2.65	22.78	22.78
		1	24	19.94	2.65	22.59	22.59
		1	47	20.23	2.65	22.88	22.88
	MCH	1	0	20.25	2.65	22.9	22.9
		1	24	20.08	2.65	22.73	22.73
		1	47	20.16	2.65	22.81	22.81
	HCH	1	0	20.24	2.65	22.89	22.89
		1	24	20.36	2.65	23.01	23.01
		1	47	20.06	2.65	22.71	22.71
BPSK	LCH	1	0	20.07	2.65	22.72	22.72
		1	24	19.95	2.65	22.6	22.6
		1	47	20.05	2.65	22.7	22.7
	MCH	1	0	20.27	2.65	22.92	22.92
		1	24	20.33	2.65	22.98	22.98
		1	47	20.1	2.65	22.75	22.75
	HCH	1	0	20.19	2.65	22.84	22.84
		1	24	20.35	2.65	23	23
		1	47	20.21	2.65	22.86	22.86

LTE FDD Band 25, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.15	2.65	22.8	22.8
		1	6	20.1	2.65	22.75	22.75
		1	11	20.14	2.65	22.79	22.79
		6	0	19.36	2.65	22.01	22.01
		6	3	19.34	2.65	21.99	21.99
		6	6	19.43	2.65	22.08	22.08
		12	0	18.01	2.65	20.66	20.66
	MCH	1	0	20.29	2.65	22.94	22.94
		1	6	20.43	2.65	23.08	23.08
		1	11	20.36	2.65	23.01	23.01
		6	0	19.65	2.65	22.3	22.3
		6	3	19.49	2.65	22.14	22.14
		6	6	19.34	2.65	21.99	21.99
		12	0	18.18	2.65	20.83	20.83
	HCH	1	0	20.27	2.65	22.92	22.92
		1	6	20.27	2.65	22.92	22.92
		1	11	20.13	2.65	22.78	22.78
		6	0	19.32	2.65	21.97	21.97
		6	3	19.6	2.65	22.25	22.25
		6	6	19.35	2.65	22	22
		12	0	18.22	2.65	20.87	20.87
BPSK	LCH	1	0	19.93	2.65	22.58	22.58
		1	6	19.92	2.65	22.57	22.57
		1	11	19.85	2.65	22.5	22.5
	MCH	1	0	20.18	2.65	22.83	22.83
		1	6	20.27	2.65	22.92	22.92
		1	11	20.36	2.65	23.01	23.01
	HCH	1	0	20.19	2.65	22.84	22.84
		1	6	20.11	2.65	22.76	22.76
		1	11	20.12	2.65	22.77	22.77

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

LTE FDD Band 26a, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.67	3.53	22.05	22.05
		1	24	20.8	3.53	22.18	22.18
		1	47	20.51	3.53	21.89	21.89
	MCH	1	0	20.64	3.53	22.02	22.02
		1	24	20.69	3.53	22.07	22.07
		1	47	20.63	3.53	22.01	22.01
	HCH	1	0	20.72	3.53	22.1	22.1
		1	24	20.9	3.53	22.28	22.28
		1	47	20.74	3.53	22.12	22.12
BPSK	LCH	1	0	20.53	3.53	21.91	21.91
		1	24	20.57	3.53	21.95	21.95
		1	47	20.54	3.53	21.92	21.92
	MCH	1	0	20.6	3.53	21.98	21.98
		1	24	20.47	3.53	21.85	21.85
		1	47	20.58	3.53	21.96	21.96
	HCH	1	0	20.58	3.53	21.96	21.96
		1	24	20.6	3.53	21.98	21.98
		1	47	20.77	3.53	22.15	22.15

LTE FDD Band 26a, SCS:15KHz								
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.41	3.53	21.79	21.79	
		1	6	20.51	3.53	21.89	21.89	
		1	11	20.28	3.53	21.66	21.66	
		6	0	19.73	3.53	21.11	21.11	
		6	3	19.49	3.53	20.87	20.87	
		6	6	19.65	3.53	21.03	21.03	
		12	0	18.21	3.53	19.59	19.59	
	MCH	1	0	20.64	3.53	22.02	22.02	
		1	6	20.62	3.53	22	22	
		1	11	20.5	3.53	21.88	21.88	
		6	0	19.79	3.53	21.17	21.17	
		6	3	19.85	3.53	21.23	21.23	
		6	6	19.92	3.53	21.3	21.3	
		12	0	18.33	3.53	19.71	19.71	
	HCH	1	0	20.53	3.53	21.91	21.91	
		1	6	20.51	3.53	21.89	21.89	
		1	11	20.4	3.53	21.78	21.78	
		6	0	19.57	3.53	20.95	20.95	
		6	3	19.55	3.53	20.93	20.93	
		6	6	19.91	3.53	21.29	21.29	
		12	0	18.4	3.53	19.78	19.78	
	BPSK	LCH	1	0	20.43	3.53	21.81	21.81
			1	6	20.51	3.53	21.89	21.89
			1	11	20.34	3.53	21.72	21.72
MCH		1	0	20.48	3.53	21.86	21.86	
		1	6	20.56	3.53	21.94	21.94	
		1	11	20.38	3.53	21.76	21.76	
HCH		1	0	20.51	3.53	21.89	21.89	
		1	6	20.54	3.53	21.92	21.92	
		1	11	20.6	3.53	21.98	21.98	

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



LTE FDD Band 26b, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.73	3.53	22.11	24.26
		1	24	20.69	3.53	22.07	24.22
		1	47	20.58	3.53	21.96	24.11
	MCH	1	0	20.61	3.53	21.99	24.14
		1	24	20.45	3.53	21.83	23.98
		1	47	20.75	3.53	22.13	24.28
	HCH	1	0	20.48	3.53	21.86	24.01
		1	24	20.54	3.53	21.92	24.07
		1	47	20.3	3.53	21.68	23.83
BPSK	LCH	1	0	20.62	3.53	22	24.15
		1	24	20.42	3.53	21.8	23.95
		1	47	20.58	3.53	21.96	24.11
	MCH	1	0	20.64	3.53	22.02	24.17
		1	24	20.46	3.53	21.84	23.99
		1	47	20.45	3.53	21.83	23.98
	HCH	1	0	20.37	3.53	21.75	23.9
		1	24	20.27	3.53	21.65	23.8
		1	47	20.39	3.53	21.77	23.92

LTE FDD Band 26b, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.67	3.53	22.05	24.2
		1	6	20.48	3.53	21.86	24.01
		1	11	20.76	3.53	22.14	24.29
		6	0	19.8	3.53	21.18	23.33
		6	3	19.97	3.53	21.35	23.5
		6	6	19.77	3.53	21.15	23.3
		12	0	18.36	3.53	19.74	21.89
	MCH	1	0	20.5	3.53	21.88	24.03
		1	6	20.65	3.53	22.03	24.18
		1	11	20.65	3.53	22.03	24.18
		6	0	19.52	3.53	20.9	23.05
		6	3	19.89	3.53	21.27	23.42
		6	6	19.54	3.53	20.92	23.07
		12	0	18.36	3.53	19.74	21.89
	HCH	1	0	20.45	3.53	21.83	23.98
		1	6	20.31	3.53	21.69	23.84
		1	11	20.33	3.53	21.71	23.86
		6	0	19.74	3.53	21.12	23.27
		6	3	19.69	3.53	21.07	23.22
		6	6	19.56	3.53	20.94	23.09
		12	0	18.3	3.53	19.68	21.83
BPSK	LCH	1	0	20.58	3.53	21.96	24.11
		1	6	20.42	3.53	21.8	23.95
		1	11	20.71	3.53	22.09	24.24
	MCH	1	0	20.52	3.53	21.9	24.05
		1	6	20.63	3.53	22.01	24.16
		1	11	20.52	3.53	21.9	24.05
	HCH	1	0	20.39	3.53	21.77	23.92
		1	6	20.31	3.53	21.69	23.84
		1	11	20.47	3.53	21.85	24

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

EIRP limit for IC band 26b is 40.61dBm, so test result is pass.

LTE FDD Band 66, SCS:3.75KHz								
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)	
		Size	Offset					
QPSK	LCH	1	0	20.02	3.05	23.07	23.07	
		1	24	20.14	3.05	23.19	23.19	
		1	47	20.2	3.05	23.25	23.25	
	MCH	1	0	19.98	3.05	23.03	23.03	
		1	24	20.06	3.05	23.11	23.11	
		1	47	20.16	3.05	23.21	23.21	
	HCH	1	0	19.76	3.05	22.81	22.81	
		1	24	19.95	3.05	23	23	
		1	47	19.89	3.05	22.94	22.94	
	BPSK	LCH	1	0	19.97	3.05	23.02	23.02
			1	24	19.93	3.05	22.98	22.98
			1	47	20.03	3.05	23.08	23.08
MCH		1	0	19.85	3.05	22.9	22.9	
		1	24	20.03	3.05	23.08	23.08	
		1	47	19.76	3.05	22.81	22.81	
HCH		1	0	19.69	3.05	22.74	22.74	
		1	24	19.75	3.05	22.8	22.8	
		1	47	19.68	3.05	22.73	22.73	

LTE FDD Band 66, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.05	3.05	23.1	23.1
		1	6	20	3.05	23.05	23.05
		1	11	20.2	3.05	23.25	23.25
		6	0	19.26	3.05	22.31	22.31
		6	3	19.18	3.05	22.23	22.23
		6	6	19.41	3.05	22.46	22.46
		12	0	18.1	3.05	21.15	21.15
	MCH	1	0	19.92	3.05	22.97	22.97
		1	6	19.75	3.05	22.8	22.8
		1	11	19.76	3.05	22.81	22.81
		6	0	19.32	3.05	22.37	22.37
		6	3	19.22	3.05	22.27	22.27
		6	6	19.24	3.05	22.29	22.29
		12	0	18.09	3.05	21.14	21.14
	HCH	1	0	19.67	3.05	22.72	22.72
		1	6	19.86	3.05	22.91	22.91
		1	11	19.87	3.05	22.92	22.92
		6	0	18.94	3.05	21.99	21.99
		6	3	19.03	3.05	22.08	22.08
		6	6	18.91	3.05	21.96	21.96
		12	0	18.05	3.05	21.1	21.1
BPSK	LCH	1	0	19.96	3.05	23.01	23.01
		1	6	20.07	3.05	23.12	23.12
		1	11	19.86	3.05	22.91	22.91
	MCH	1	0	19.82	3.05	22.87	22.87
		1	6	19.96	3.05	23.01	23.01
		1	11	19.7	3.05	22.75	22.75
	HCH	1	0	19.53	3.05	22.58	22.58
		1	6	19.7	3.05	22.75	22.75
		1	11	19.69	3.05	22.74	22.74

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

LTE FDD Band 85, SCS:3.75KHz							
Modulation	Channel	N <sub>tone</sub>		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.86	1.95	20.66	20.66
		1	24	20.93	1.95	20.73	20.73
		1	47	20.98	1.95	20.78	20.78
	MCH	1	0	21.22	1.95	21.02	21.02
		1	24	21.04	1.95	20.84	20.84
		1	47	21.11	1.95	20.91	20.91
	HCH	1	0	20.93	1.95	20.73	20.73
		1	24	20.85	1.95	20.65	20.65
		1	47	21.08	1.95	20.88	20.88
BPSK	LCH	1	0	20.77	1.95	20.57	20.57
		1	24	20.69	1.95	20.49	20.49
		1	47	20.59	1.95	20.39	20.39
	MCH	1	0	21.18	1.95	20.98	20.98
		1	24	21.21	1.95	21.01	21.01
		1	47	21.35	1.95	21.15	21.15
	HCH	1	0	20.9	1.95	20.7	20.7
		1	24	20.76	1.95	20.56	20.56
		1	47	20.8	1.95	20.6	20.6

LTE FDD Band 85, SCS:15KHz							
Modulation	Channel	Ntone		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	20.77	1.95	20.57	20.57
		1	6	20.85	1.95	20.65	20.65
		1	11	20.8	1.95	20.6	20.6
		6	0	19.78	1.95	19.58	19.58
		6	3	19.85	1.95	19.65	19.65
		6	6	20.04	1.95	19.84	19.84
		12	0	18.64	1.95	18.44	18.44
	MCH	1	0	21.09	1.95	20.89	20.89
		1	6	21.23	1.95	21.03	21.03
		1	11	20.95	1.95	20.75	20.75
		6	0	20.26	1.95	20.06	20.06
		6	3	20.45	1.95	20.25	20.25
		6	6	20.47	1.95	20.27	20.27
		12	0	18.8	1.95	18.6	18.6
	HCH	1	0	20.87	1.95	20.67	20.67
		1	6	20.91	1.95	20.71	20.71
		1	11	20.76	1.95	20.56	20.56
		6	0	20.13	1.95	19.93	19.93
		6	3	20.19	1.95	19.99	19.99
		6	6	20.25	1.95	20.05	20.05
		12	0	18.86	1.95	18.66	18.66
BPSK	LCH	1	0	20.68	1.95	20.48	20.48
		1	6	20.56	1.95	20.36	20.36
		1	11	20.59	1.95	20.39	20.39
	MCH	1	0	20.99	1.95	20.79	20.79
		1	6	21	1.95	20.8	20.8
		1	11	20.87	1.95	20.67	20.67
	HCH	1	0	20.8	1.95	20.6	20.6
		1	6	20.66	1.95	20.46	20.46
		1	11	20.98	1.95	20.78	20.78

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

Note:

1) EIRP= Conducted output power + Antenna gain (dBi)

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