

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	1	0	21.43	2.50	23.93	23.93	
		1	3	21.30	2.50	23.80	23.80	
		1	5	21.17	2.50	23.67	23.67	
		3	0	21.05	2.50	23.55	23.55	
		3	2	20.92	2.50	23.42	23.42	
		3	3	20.80	2.50	23.30	23.30	
		6	0	20.68	2.50	23.18	23.18	
	MCH	1	0	21.37	2.50	23.87	23.87	
		1	3	21.25	2.50	23.75	23.75	
		1	5	21.13	2.50	23.63	23.63	
		3	0	21.02	2.50	23.52	23.52	
		3	2	20.89	2.50	23.39	23.39	
		3	3	20.76	2.50	23.26	23.26	
		6	0	20.63	2.50	23.13	23.13	
	HCH	1	0	20.78	2.50	23.28	23.28	
		1	3	20.66	2.50	23.16	23.16	
		1	5	20.54	2.50	23.04	23.04	
		3	0	20.42	2.50	22.92	22.92	
		3	2	20.29	2.50	22.79	22.79	
		3	3	20.18	2.50	22.68	22.68	
		6	0	20.06	2.50	22.56	22.56	
	16QAM	LCH	1	0	20.51	2.50	23.01	23.01
			1	3	20.40	2.50	22.90	22.90
			1	5	20.27	2.50	22.77	22.77
3			0	20.16	2.50	22.66	22.66	
3			2	20.05	2.50	22.55	22.55	
3			3	19.93	2.50	22.43	22.43	
6			0	19.79	2.50	22.29	22.29	
MCH		1	0	19.09	2.50	21.59	21.59	
		1	3	18.95	2.50	21.45	21.45	
		1	5	18.81	2.50	21.31	21.31	
		3	0	18.69	2.50	21.19	21.19	
		3	2	18.57	2.50	21.07	21.07	
		3	3	18.44	2.50	20.94	20.94	
		6	0	18.33	2.50	20.83	20.83	
HCH		1	0	19.68	2.50	22.18	22.18	
		1	3	19.56	2.50	22.06	22.06	
		1	5	19.44	2.50	21.94	21.94	
		3	0	19.30	2.50	21.80	21.80	
		3	2	19.16	2.50	21.66	21.66	
		3	3	19.03	2.50	21.53	21.53	
		6	0	18.89	2.50	21.39	21.39	
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test 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	1	0	21.46	2.50	23.96	23.96
		1	7	21.35	2.50	23.85	23.85
		1	14	21.21	2.50	23.71	23.71
		8	0	21.09	2.50	23.59	23.59
		8	4	20.98	2.50	23.48	23.48
		8	7	20.85	2.50	23.35	23.35
		15	0	20.71	2.50	23.21	23.21
	MCH	1	0	21.39	2.50	23.89	23.89
		1	7	21.26	2.50	23.76	23.76
		1	14	21.13	2.50	23.63	23.63
		8	0	21.01	2.50	23.51	23.51
		8	4	20.88	2.50	23.38	23.38
		8	7	20.76	2.50	23.26	23.26
		15	0	20.65	2.50	23.15	23.15
	HCH	1	0	21.41	2.50	23.91	23.91
		1	7	21.30	2.50	23.80	23.80
		1	14	21.19	2.50	23.69	23.69
		8	0	21.06	2.50	23.56	23.56
		8	4	20.92	2.50	23.42	23.42
		8	7	20.79	2.50	23.29	23.29
		15	0	20.67	2.50	23.17	23.17
16QAM	LCH	1	0	20.61	2.50	23.11	23.11
		1	7	20.49	2.50	22.99	22.99
		1	14	20.38	2.50	22.88	22.88
		8	0	20.24	2.50	22.74	22.74
		8	4	20.13	2.50	22.63	22.63
		8	7	20.00	2.50	22.50	22.50
		15	0	19.87	2.50	22.37	22.37
	MCH	1	0	19.47	2.50	21.97	21.97
		1	7	19.34	2.50	21.84	21.84
		1	14	19.20	2.50	21.70	21.70
		8	0	19.08	2.50	21.58	21.58
		8	4	18.97	2.50	21.47	21.47
		8	7	18.84	2.50	21.34	21.34
		15	0	18.72	2.50	21.22	21.22
	HCH	1	0	20.12	2.50	22.62	22.62
		1	7	19.98	2.50	22.48	22.48
		1	14	19.86	2.50	22.36	22.36
		8	0	19.73	2.50	22.23	22.23
		8	4	19.62	2.50	22.12	22.12
		8	7	19.48	2.50	21.98	21.98
		15	0	19.35	2.50	21.85	21.85
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test 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	1	0	21.45	2.50	23.95	23.95
		1	12	21.33	2.50	23.83	23.83
		1	24	21.22	2.50	23.72	23.72
		12	0	21.09	2.50	23.59	23.59
		12	6	20.98	2.50	23.48	23.48
		12	13	20.84	2.50	23.34	23.34
		25	0	20.72	2.50	23.22	23.22
	MCH	1	0	21.36	2.50	23.86	23.86
		1	12	21.25	2.50	23.75	23.75
		1	24	21.12	2.50	23.62	23.62
		12	0	21.00	2.50	23.50	23.50
		12	6	20.88	2.50	23.38	23.38
		12	13	20.75	2.50	23.25	23.25
		25	0	20.63	2.50	23.13	23.13
	HCH	1	0	21.22	2.50	23.72	23.72
		1	12	21.09	2.50	23.59	23.59
		1	24	20.97	2.50	23.47	23.47
		12	0	20.85	2.50	23.35	23.35
		12	6	20.73	2.50	23.23	23.23
		12	13	20.60	2.50	23.10	23.10
		25	0	20.47	2.50	22.97	22.97
16QAM	LCH	1	0	20.49	2.50	22.99	22.99
		1	12	20.37	2.50	22.87	22.87
		1	24	20.23	2.50	22.73	22.73
		12	0	20.10	2.50	22.60	22.60
		12	6	19.98	2.50	22.48	22.48
		12	13	19.86	2.50	22.36	22.36
		25	0	19.73	2.50	22.23	22.23
	MCH	1	0	20.44	2.50	22.94	22.94
		1	12	20.32	2.50	22.82	22.82
		1	24	20.20	2.50	22.70	22.70
		12	0	20.06	2.50	22.56	22.56
		12	6	19.95	2.50	22.45	22.45
		12	13	19.82	2.50	22.32	22.32
		25	0	19.69	2.50	22.19	22.19
	HCH	1	0	20.22	2.50	22.72	22.72
		1	12	20.08	2.50	22.58	22.58
		1	24	19.96	2.50	22.46	22.46
		12	0	19.85	2.50	22.35	22.35
		12	6	19.72	2.50	22.22	22.22
		12	13	19.58	2.50	22.08	22.08
		25	0	19.44	2.50	21.94	21.94
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test 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	1	0	21.34	2.50	23.84	23.84
		1	24	21.21	2.50	23.71	23.71
		1	49	21.09	2.50	23.59	23.59
		25	0	20.96	2.50	23.46	23.46
		25	12	20.83	2.50	23.33	23.33
		25	25	20.70	2.50	23.20	23.20
		50	0	20.58	2.50	23.08	23.08
	MCH	1	0	20.45	2.50	22.95	22.95
		1	24	20.31	2.50	22.81	22.81
		1	49	20.20	2.50	22.70	22.70
		25	0	20.06	2.50	22.56	22.56
		25	12	19.94	2.50	22.44	22.44
		25	25	19.81	2.50	22.31	22.31
		50	0	19.68	2.50	22.18	22.18
	HCH	1	0	20.59	2.50	23.09	23.09
		1	24	20.47	2.50	22.97	22.97
		1	49	20.35	2.50	22.85	22.85
		25	0	20.24	2.50	22.74	22.74
		25	12	20.12	2.50	22.62	22.62
		25	25	20.00	2.50	22.50	22.50
		50	0	19.86	2.50	22.36	22.36
16QAM	LCH	1	0	20.69	2.50	23.19	23.19
		1	24	20.55	2.50	23.05	23.05
		1	49	20.42	2.50	22.92	22.92
		25	0	20.30	2.50	22.80	22.80
		25	12	20.17	2.50	22.67	22.67
		25	25	20.04	2.50	22.54	22.54
		50	0	19.93	2.50	22.43	22.43
	MCH	1	0	19.39	2.50	21.89	21.89
		1	24	19.27	2.50	21.77	21.77
		1	49	19.15	2.50	21.65	21.65
		25	0	19.02	2.50	21.52	21.52
		25	12	18.88	2.50	21.38	21.38
		25	25	18.76	2.50	21.26	21.26
		50	0	18.64	2.50	21.14	21.14
	HCH	1	0	19.79	2.50	22.29	22.29
		1	24	19.66	2.50	22.16	22.16
		1	49	19.55	2.50	22.05	22.05
		25	0	19.42	2.50	21.92	21.92
		25	12	19.29	2.50	21.79	21.79
		25	25	19.17	2.50	21.67	21.67
		50	0	19.05	2.50	21.55	21.55
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test 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	1	0	21.36	2.50	23.86	23.86
		1	37	21.22	2.50	23.72	23.72
		1	74	21.09	2.50	23.59	23.59
		37	0	20.95	2.50	23.45	23.45
		37	18	20.81	2.50	23.31	23.31
		37	38	20.68	2.50	23.18	23.18
		75	0	20.57	2.50	23.07	23.07
	MCH	1	0	20.35	2.50	22.85	22.85
		1	37	20.21	2.50	22.71	22.71
		1	74	20.09	2.50	22.59	22.59
		37	0	19.95	2.50	22.45	22.45
		37	18	19.82	2.50	22.32	22.32
		37	38	19.70	2.50	22.20	22.20
		75	0	19.58	2.50	22.08	22.08
	HCH	1	0	20.79	2.50	23.29	23.29
		1	37	20.68	2.50	23.18	23.18
		1	74	20.55	2.50	23.05	23.05
		37	0	20.42	2.50	22.92	22.92
		37	18	20.30	2.50	22.80	22.80
		37	38	20.18	2.50	22.68	22.68
		75	0	20.04	2.50	22.54	22.54
16QAM	LCH	1	0	20.42	2.50	22.92	22.92
		1	37	20.29	2.50	22.79	22.79
		1	74	20.17	2.50	22.67	22.67
		37	0	20.06	2.50	22.56	22.56
		37	18	19.94	2.50	22.44	22.44
		37	38	19.81	2.50	22.31	22.31
		75	0	19.67	2.50	22.17	22.17
	MCH	1	0	19.45	2.50	21.95	21.95
		1	37	19.31	2.50	21.81	21.81
		1	74	19.19	2.50	21.69	21.69
		37	0	19.07	2.50	21.57	21.57
		37	18	18.96	2.50	21.46	21.46
		37	38	18.83	2.50	21.33	21.33
		75	0	18.69	2.50	21.19	21.19
	HCH	1	0	19.26	2.50	21.76	21.76
		1	37	19.14	2.50	21.64	21.64
		1	74	19.01	2.50	21.51	21.51
		37	0	18.88	2.50	21.38	21.38
		37	18	18.74	2.50	21.24	21.24
		37	38	18.61	2.50	21.11	21.11
		75	0	18.50	2.50	21.00	21.00
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test 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	1	0	21.42	2.50	23.92	23.92
		1	49	21.29	2.50	23.79	23.79
		1	99	21.17	2.50	23.67	23.67
		50	0	21.04	2.50	23.54	23.54
		50	25	20.90	2.50	23.40	23.40
		50	50	20.79	2.50	23.29	23.29
		100	0	20.66	2.50	23.16	23.16
	MCH	1	0	20.44	2.50	22.94	22.94
		1	49	20.31	2.50	22.81	22.81
		1	99	20.20	2.50	22.70	22.70
		50	0	20.07	2.50	22.57	22.57
		50	25	19.95	2.50	22.45	22.45
		50	50	19.81	2.50	22.31	22.31
		100	0	19.67	2.50	22.17	22.17
	HCH	1	0	19.46	2.50	21.96	21.96
		1	49	19.33	2.50	21.83	21.83
		1	99	19.21	2.50	21.71	21.71
		50	0	19.08	2.50	21.58	21.58
		50	25	18.94	2.50	21.44	21.44
		50	50	18.81	2.50	21.31	21.31
		100	0	18.69	2.50	21.19	21.19
16QAM	LCH	1	0	20.35	2.50	22.85	22.85
		1	49	20.21	2.50	22.71	22.71
		1	99	20.08	2.50	22.58	22.58
		50	0	19.95	2.50	22.45	22.45
		50	25	19.81	2.50	22.31	22.31
		50	50	19.69	2.50	22.19	22.19
		100	0	19.57	2.50	22.07	22.07
	MCH	1	0	19.77	2.50	22.27	22.27
		1	49	19.66	2.50	22.16	22.16
		1	99	19.53	2.50	22.03	22.03
		50	0	19.41	2.50	21.91	21.91
		50	25	19.28	2.50	21.78	21.78
		50	50	19.16	2.50	21.66	21.66
		100	0	19.04	2.50	21.54	21.54
	HCH	1	0	19.52	2.50	22.02	22.02
		1	49	19.39	2.50	21.89	21.89
		1	99	19.27	2.50	21.77	21.77
		50	0	19.15	2.50	21.65	21.65
		50	25	19.01	2.50	21.51	21.51
		50	50	18.87	2.50	21.37	21.37
		100	0	18.74	2.50	21.24	21.24
Conclusion: EIRP limit for FCC and IC is 2W(33.01dBm), so the test is pass							

Note:

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

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	1	0	21.23	2.50	23.73	23.73	
		1	3	21.12	2.50	23.62	23.62	
		1	5	21.00	2.50	23.50	23.50	
		3	0	20.89	2.50	23.39	23.39	
		3	2	20.76	2.50	23.26	23.26	
		3	3	20.65	2.50	23.15	23.15	
		6	0	20.51	2.50	23.01	23.01	
	MCH	1	0	21.32	2.50	23.82	23.82	
		1	3	21.18	2.50	23.68	23.68	
		1	5	21.06	2.50	23.56	23.56	
		3	0	20.94	2.50	23.44	23.44	
		3	2	20.80	2.50	23.30	23.30	
		3	3	20.67	2.50	23.17	23.17	
		6	0	20.53	2.50	23.03	23.03	
	HCH	1	0	21.42	2.50	23.92	23.92	
		1	3	21.28	2.50	23.78	23.78	
		1	5	21.17	2.50	23.67	23.67	
		3	0	21.05	2.50	23.55	23.55	
		3	2	20.92	2.50	23.42	23.42	
		3	3	20.81	2.50	23.31	23.31	
		6	0	20.68	2.50	23.18	23.18	
	16QAM	LCH	1	0	20.49	2.50	22.99	22.99
			1	3	20.37	2.50	22.87	22.87
			1	5	20.24	2.50	22.74	22.74
3			0	20.12	2.50	22.62	22.62	
3			2	20.01	2.50	22.51	22.51	
3			3	19.88	2.50	22.38	22.38	
6			0	19.75	2.50	22.25	22.25	
MCH		1	0	20.68	2.50	23.18	23.18	
		1	3	20.54	2.50	23.04	23.04	
		1	5	20.42	2.50	22.92	22.92	
		3	0	20.30	2.50	22.80	22.80	
		3	2	20.17	2.50	22.67	22.67	
		3	3	20.05	2.50	22.55	22.55	
		6	0	19.92	2.50	22.42	22.42	
HCH		1	0	20.78	2.50	23.28	23.28	
		1	3	20.66	2.50	23.16	23.16	
		1	5	20.54	2.50	23.04	23.04	
		3	0	20.42	2.50	22.92	22.92	
		3	2	20.29	2.50	22.79	22.79	
		3	3	20.17	2.50	22.67	22.67	
		6	0	20.04	2.50	22.54	22.54	
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test 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	1	0	21.15	2.50	23.65	23.65	
		1	7	21.01	2.50	23.51	23.51	
		1	14	20.88	2.50	23.38	23.38	
		8	0	20.74	2.50	23.24	23.24	
		8	4	20.61	2.50	23.11	23.11	
		8	7	20.50	2.50	23.00	23.00	
		15	0	20.36	2.50	22.86	22.86	
	MCH	1	0	21.26	2.50	23.76	23.76	
		1	7	21.14	2.50	23.64	23.64	
		1	14	21.01	2.50	23.51	23.51	
		8	0	20.90	2.50	23.40	23.40	
		8	4	20.79	2.50	23.29	23.29	
		8	7	20.66	2.50	23.16	23.16	
		15	0	20.54	2.50	23.04	23.04	
	HCH	1	0	21.45	2.50	23.95	23.95	
		1	7	21.33	2.50	23.83	23.83	
		1	14	21.19	2.50	23.69	23.69	
		8	0	21.06	2.50	23.56	23.56	
		8	4	20.92	2.50	23.42	23.42	
		8	7	20.79	2.50	23.29	23.29	
		15	0	20.68	2.50	23.18	23.18	
	16QAM	LCH	1	0	20.13	2.50	22.63	22.63
			1	7	20.02	2.50	22.52	22.52
			1	14	19.91	2.50	22.41	22.41
8			0	19.79	2.50	22.29	22.29	
8			4	19.68	2.50	22.18	22.18	
8			7	19.54	2.50	22.04	22.04	
15			0	19.40	2.50	21.90	21.90	
MCH		1	0	20.63	2.50	23.13	23.13	
		1	7	20.50	2.50	23.00	23.00	
		1	14	20.36	2.50	22.86	22.86	
		8	0	20.22	2.50	22.72	22.72	
		8	4	20.10	2.50	22.60	22.60	
		8	7	19.97	2.50	22.47	22.47	
		15	0	19.86	2.50	22.36	22.36	
HCH		1	0	20.62	2.50	23.12	23.12	
		1	7	20.49	2.50	22.99	22.99	
		1	14	20.37	2.50	22.87	22.87	
		8	0	20.23	2.50	22.73	22.73	
		8	4	20.11	2.50	22.61	22.61	
		8	7	20.00	2.50	22.50	22.50	
		15	0	19.87	2.50	22.37	22.37	
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test 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	1	0	21.52	2.50	24.02	24.02
		1	12	21.41	2.50	23.91	23.91
		1	24	21.27	2.50	23.77	23.77
		12	0	21.15	2.50	23.65	23.65
		12	6	21.03	2.50	23.53	23.53
		12	13	20.89	2.50	23.39	23.39
		25	0	20.78	2.50	23.28	23.28
	MCH	1	0	21.32	2.50	23.82	23.82
		1	12	21.19	2.50	23.69	23.69
		1	24	21.08	2.50	23.58	23.58
		12	0	20.95	2.50	23.45	23.45
		12	6	20.81	2.50	23.31	23.31
		12	13	20.69	2.50	23.19	23.19
		25	0	20.57	2.50	23.07	23.07
	HCH	1	0	21.06	2.50	23.56	23.56
		1	12	20.93	2.50	23.43	23.43
		1	24	20.79	2.50	23.29	23.29
		12	0	20.66	2.50	23.16	23.16
		12	6	20.54	2.50	23.04	23.04
		12	13	20.40	2.50	22.90	22.90
		25	0	20.28	2.50	22.78	22.78
16QAM	LCH	1	0	20.41	2.50	22.91	22.91
		1	12	20.30	2.50	22.80	22.80
		1	24	20.16	2.50	22.66	22.66
		12	0	20.03	2.50	22.53	22.53
		12	6	19.91	2.50	22.41	22.41
		12	13	19.79	2.50	22.29	22.29
		25	0	19.68	2.50	22.18	22.18
	MCH	1	0	20.36	2.50	22.86	22.86
		1	12	20.23	2.50	22.73	22.73
		1	24	20.10	2.50	22.60	22.60
		12	0	19.98	2.50	22.48	22.48
		12	6	19.86	2.50	22.36	22.36
		12	13	19.74	2.50	22.24	22.24
		25	0	19.62	2.50	22.12	22.12
	HCH	1	0	20.41	2.50	22.91	22.91
		1	12	20.27	2.50	22.77	22.77
		1	24	20.16	2.50	22.66	22.66
		12	0	20.03	2.50	22.53	22.53
		12	6	19.91	2.50	22.41	22.41
		12	13	19.80	2.50	22.30	22.30
		25	0	19.68	2.50	22.18	22.18
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test 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	1	0	21.32	2.50	23.82	23.82
		1	24	21.19	2.50	23.69	23.69
		1	49	21.06	2.50	23.56	23.56
		25	0	20.95	2.50	23.45	23.45
		25	12	20.81	2.50	23.31	23.31
		25	25	20.68	2.50	23.18	23.18
		50	0	20.54	2.50	23.04	23.04
	MCH	1	0	21.41	2.50	23.91	23.91
		1	24	21.27	2.50	23.77	23.77
		1	49	21.16	2.50	23.66	23.66
		25	0	21.05	2.50	23.55	23.55
		25	12	20.92	2.50	23.42	23.42
		25	25	20.79	2.50	23.29	23.29
		50	0	20.67	2.50	23.17	23.17
	HCH	1	0	21.12	2.50	23.62	23.62
		1	24	20.99	2.50	23.49	23.49
		1	49	20.87	2.50	23.37	23.37
		25	0	20.73	2.50	23.23	23.23
		25	12	20.62	2.50	23.12	23.12
		25	25	20.48	2.50	22.98	22.98
		50	0	20.36	2.50	22.86	22.86
16QAM	LCH	1	0	20.35	2.50	22.85	22.85
		1	24	20.21	2.50	22.71	22.71
		1	49	20.10	2.50	22.60	22.60
		25	0	19.98	2.50	22.48	22.48
		25	12	19.84	2.50	22.34	22.34
		25	25	19.73	2.50	22.23	22.23
		50	0	19.61	2.50	22.11	22.11
	MCH	1	0	20.71	2.50	23.21	23.21
		1	24	20.59	2.50	23.09	23.09
		1	49	20.48	2.50	22.98	22.98
		25	0	20.36	2.50	22.86	22.86
		25	12	20.23	2.50	22.73	22.73
		25	25	20.10	2.50	22.60	22.60
		50	0	19.98	2.50	22.48	22.48
	HCH	1	0	20.74	2.50	23.24	23.24
		1	24	20.62	2.50	23.12	23.12
		1	49	20.49	2.50	22.99	22.99
		25	0	20.37	2.50	22.87	22.87
		25	12	20.23	2.50	22.73	22.73
		25	25	20.11	2.50	22.61	22.61
		50	0	19.98	2.50	22.48	22.48
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test 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	1	0	21.16	2.50	23.66	23.66
		1	37	21.02	2.50	23.52	23.52
		1	74	20.91	2.50	23.41	23.41
		37	0	20.80	2.50	23.30	23.30
		37	18	20.67	2.50	23.17	23.17
		37	38	20.54	2.50	23.04	23.04
		75	0	20.43	2.50	22.93	22.93
	MCH	1	0	21.32	2.50	23.82	23.82
		1	37	21.21	2.50	23.71	23.71
		1	74	21.08	2.50	23.58	23.58
		37	0	20.95	2.50	23.45	23.45
		37	18	20.83	2.50	23.33	23.33
		37	38	20.70	2.50	23.20	23.20
		75	0	20.59	2.50	23.09	23.09
	HCH	1	0	21.40	2.50	23.90	23.90
		1	37	21.28	2.50	23.78	23.78
		1	74	21.15	2.50	23.65	23.65
		37	0	21.04	2.50	23.54	23.54
		37	18	20.90	2.50	23.40	23.40
		37	38	20.77	2.50	23.27	23.27
		75	0	20.64	2.50	23.14	23.14
16QAM	LCH	1	0	20.19	2.50	22.69	22.69
		1	37	20.07	2.50	22.57	22.57
		1	74	19.96	2.50	22.46	22.46
		37	0	19.82	2.50	22.32	22.32
		37	18	19.69	2.50	22.19	22.19
		37	38	19.58	2.50	22.08	22.08
		75	0	19.47	2.50	21.97	21.97
	MCH	1	0	20.65	2.50	23.15	23.15
		1	37	20.52	2.50	23.02	23.02
		1	74	20.40	2.50	22.90	22.90
		37	0	20.27	2.50	22.77	22.77
		37	18	20.15	2.50	22.65	22.65
		37	38	20.03	2.50	22.53	22.53
		75	0	19.91	2.50	22.41	22.41
	HCH	1	0	20.74	2.50	23.24	23.24
		1	37	20.62	2.50	23.12	23.12
		1	74	20.51	2.50	23.01	23.01
		37	0	20.39	2.50	22.89	22.89
		37	18	20.26	2.50	22.76	22.76
		37	38	20.13	2.50	22.63	22.63
		75	0	20.01	2.50	22.51	22.51
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test 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	1	0	21.43	2.50	23.93	23.93
		1	49	21.21	2.50	23.71	23.71
		1	99	21.13	2.50	23.63	23.63
		50	0	21.05	2.50	23.55	23.55
		50	25	20.92	2.50	23.42	23.42
		50	50	20.75	2.50	23.25	23.25
		100	0	20.67	2.50	23.17	23.17
	MCH	1	0	20.42	2.50	22.92	22.92
		1	49	20.34	2.50	22.84	22.84
		1	99	20.22	2.50	22.72	22.72
		50	0	20.03	2.50	22.53	22.53
		50	25	19.99	2.50	22.49	22.49
		50	50	19.82	2.50	22.32	22.32
		100	0	19.65	2.50	22.15	22.15
	HCH	1	0	19.48	2.50	21.98	21.98
		1	49	19.35	2.50	21.85	21.85
		1	99	19.26	2.50	21.76	21.76
		50	0	19.02	2.50	21.52	21.52
		50	25	18.95	2.50	21.45	21.45
		50	50	18.87	2.50	21.37	21.37
		100	0	18.62	2.50	21.12	21.12
16QAM	LCH	1	0	20.38	2.50	22.88	22.88
		1	49	20.22	2.50	22.72	22.72
		1	99	20.02	2.50	22.52	22.52
		50	0	19.98	2.50	22.48	22.48
		50	25	19.84	2.50	22.34	22.34
		50	50	19.65	2.50	22.15	22.15
		100	0	19.51	2.50	22.01	22.01
	MCH	1	0	19.74	2.50	22.24	22.24
		1	49	19.62	2.50	22.12	22.12
		1	99	19.57	2.50	22.07	22.07
		50	0	19.45	2.50	21.95	21.95
		50	25	19.22	2.50	21.72	21.72
		50	50	19.18	2.50	21.68	21.68
		100	0	19.03	2.50	21.53	21.53
	HCH	1	0	19.50	2.50	22.00	22.00
		1	49	19.35	2.50	21.85	21.85
		1	99	19.21	2.50	21.71	21.71
		50	0	19.13	2.50	21.63	21.63
		50	25	19.08	2.50	21.58	21.58
		50	50	18.86	2.50	21.36	21.36
		100	0	18.72	2.50	21.22	21.22
Conclusion: EIRP limit for FCC and IC is 1W(30.0dBm), so the test is pass							

Note:

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

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.60	0.35	2.50	21.95	24.10
		1	3	21.47	0.35	2.50	21.82	23.97
		1	5	21.33	0.35	2.50	21.68	23.83
		3	0	21.21	0.35	2.50	21.56	23.71
		3	2	21.08	0.35	2.50	21.43	23.58
		3	3	20.96	0.35	2.50	21.31	23.46
		6	0	20.83	0.35	2.50	21.18	23.33
	MCH	1	0	21.56	0.35	2.50	21.91	24.06
		1	3	21.43	0.35	2.50	21.78	23.93
		1	5	21.32	0.35	2.50	21.67	23.82
		3	0	21.20	0.35	2.50	21.55	23.70
		3	2	21.07	0.35	2.50	21.42	23.57
		3	3	20.95	0.35	2.50	21.30	23.45
		6	0	20.82	0.35	2.50	21.17	23.32
	HCH	1	0	21.35	0.35	2.50	21.70	23.85
		1	3	21.23	0.35	2.50	21.58	23.73
		1	5	21.10	0.35	2.50	21.45	23.60
		3	0	20.98	0.35	2.50	21.33	23.48
		3	2	20.85	0.35	2.50	21.20	23.35
		3	3	20.71	0.35	2.50	21.06	23.21
		6	0	20.57	0.35	2.50	20.92	23.07
16QAM	LCH	1	0	20.59	0.35	2.50	20.94	23.09
		1	3	20.45	0.35	2.50	20.80	22.95
		1	5	20.34	0.35	2.50	20.69	22.84
		3	0	20.23	0.35	2.50	20.58	22.73
		3	2	20.10	0.35	2.50	20.45	22.60
		3	3	19.97	0.35	2.50	20.32	22.47
		6	0	19.84	0.35	2.50	20.19	22.34
	MCH	1	0	20.78	0.35	2.50	21.13	23.28
		1	3	20.64	0.35	2.50	20.99	23.14
		1	5	20.51	0.35	2.50	20.86	23.01
		3	0	20.39	0.35	2.50	20.74	22.89
		3	2	20.25	0.35	2.50	20.60	22.75
		3	3	20.12	0.35	2.50	20.47	22.62
		6	0	19.99	0.35	2.50	20.34	22.49
	HCH	1	0	20.43	0.35	2.50	20.78	22.93
		1	3	20.30	0.35	2.50	20.65	22.80
		1	5	20.16	0.35	2.50	20.51	22.66
		3	0	20.05	0.35	2.50	20.40	22.55
		3	2	19.92	0.35	2.50	20.27	22.42
		3	3	19.80	0.35	2.50	20.15	22.30
		6	0	19.67	0.35	2.50	20.02	22.17
Conclusion: ERP limit for FCC is 7W(38.45dBm) and EIRP limit for IC is 11.5W(40.61dBm), so the test is pass								

LTE FDD Band 5, Nominal Bandwidth: 3MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.23	0.35	2.50	21.58	23.73
		1	7	21.10	0.35	2.50	21.45	23.60
		1	14	20.97	0.35	2.50	21.32	23.47
		8	0	20.85	0.35	2.50	21.20	23.35
		8	4	20.73	0.35	2.50	21.08	23.23
		8	7	20.59	0.35	2.50	20.94	23.09
		15	0	20.48	0.35	2.50	20.83	22.98
	MCH	1	0	21.35	0.35	2.50	21.70	23.85
		1	7	21.23	0.35	2.50	21.58	23.73
		1	14	21.11	0.35	2.50	21.46	23.61
		8	0	21.00	0.35	2.50	21.35	23.50
		8	4	20.87	0.35	2.50	21.22	23.37
		8	7	20.75	0.35	2.50	21.10	23.25
		15	0	20.64	0.35	2.50	20.99	23.14
	HCH	1	0	21.19	0.35	2.50	21.54	23.69
		1	7	21.06	0.35	2.50	21.41	23.56
		1	14	20.95	0.35	2.50	21.30	23.45
		8	0	20.81	0.35	2.50	21.16	23.31
		8	4	20.69	0.35	2.50	21.04	23.19
		8	7	20.58	0.35	2.50	20.93	23.08
		15	0	20.46	0.35	2.50	20.81	22.96
16QAM	LCH	1	0	20.63	0.35	2.50	20.98	23.13
		1	7	20.51	0.35	2.50	20.86	23.01
		1	14	20.39	0.35	2.50	20.74	22.89
		8	0	20.25	0.35	2.50	20.60	22.75
		8	4	20.13	0.35	2.50	20.48	22.63
		8	7	20.01	0.35	2.50	20.36	22.51
		15	0	19.90	0.35	2.50	20.25	22.40
	MCH	1	0	20.38	0.35	2.50	20.73	22.88
		1	7	20.25	0.35	2.50	20.60	22.75
		1	14	20.11	0.35	2.50	20.46	22.61
		8	0	19.99	0.35	2.50	20.34	22.49
		8	4	19.86	0.35	2.50	20.21	22.36
		8	7	19.74	0.35	2.50	20.09	22.24
		15	0	19.61	0.35	2.50	19.96	22.11
	HCH	1	0	20.49	0.35	2.50	20.84	22.99
		1	7	20.37	0.35	2.50	20.72	22.87
		1	14	20.26	0.35	2.50	20.61	22.76
		8	0	20.14	0.35	2.50	20.49	22.64
		8	4	20.01	0.35	2.50	20.36	22.51
		8	7	19.89	0.35	2.50	20.24	22.39
		15	0	19.76	0.35	2.50	20.11	22.26
Conclusion: ERP limit for FCC is 7W(38.45dBm) and EIRP limit for IC is 11.5W(40.61dBm), so the test is pass								

LTE FDD Band 5, Nominal Bandwidth: 5MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.36	0.35	2.50	21.71	23.86
		1	12	21.22	0.35	2.50	21.57	23.72
		1	24	21.10	0.35	2.50	21.45	23.60
		12	0	20.96	0.35	2.50	21.31	23.46
		12	6	20.84	0.35	2.50	21.19	23.34
		12	13	20.73	0.35	2.50	21.08	23.23
		25	0	20.59	0.35	2.50	20.94	23.09
	MCH	1	0	21.41	0.35	2.50	21.76	23.91
		1	12	21.29	0.35	2.50	21.64	23.79
		1	24	21.16	0.35	2.50	21.51	23.66
		12	0	21.02	0.35	2.50	21.37	23.52
		12	6	20.89	0.35	2.50	21.24	23.39
		12	13	20.76	0.35	2.50	21.11	23.26
		25	0	20.64	0.35	2.50	20.99	23.14
	HCH	1	0	21.29	0.35	2.50	21.64	23.79
		1	12	21.17	0.35	2.50	21.52	23.67
		1	24	21.05	0.35	2.50	21.40	23.55
		12	0	20.91	0.35	2.50	21.26	23.41
		12	6	20.78	0.35	2.50	21.13	23.28
		12	13	20.66	0.35	2.50	21.01	23.16
		25	0	20.54	0.35	2.50	20.89	23.04
16QAM	LCH	1	0	21.26	0.35	2.50	21.61	23.76
		1	12	21.13	0.35	2.50	21.48	23.63
		1	24	20.99	0.35	2.50	21.34	23.49
		12	0	20.86	0.35	2.50	21.21	23.36
		12	6	20.74	0.35	2.50	21.09	23.24
		12	13	20.62	0.35	2.50	20.97	23.12
		25	0	20.49	0.35	2.50	20.84	22.99
	MCH	1	0	20.28	0.35	2.50	20.63	22.78
		1	12	20.16	0.35	2.50	20.51	22.66
		1	24	20.03	0.35	2.50	20.38	22.53
		12	0	19.90	0.35	2.50	20.25	22.40
		12	6	19.78	0.35	2.50	20.13	22.28
		12	13	19.67	0.35	2.50	20.02	22.17
		25	0	19.55	0.35	2.50	19.90	22.05
	HCH	1	0	20.49	0.35	2.50	20.84	22.99
		1	12	20.38	0.35	2.50	20.73	22.88
		1	24	20.27	0.35	2.50	20.62	22.77
		12	0	20.14	0.35	2.50	20.49	22.64
		12	6	20.02	0.35	2.50	20.37	22.52
		12	13	19.89	0.35	2.50	20.24	22.39
		25	0	19.78	0.35	2.50	20.13	22.28
Conclusion: ERP limit for FCC is 7W(38.45dBm) and EIRP limit for IC is 11.5W(40.61dBm), so the test is pass								

LTE FDD Band 5, Nominal Bandwidth: 10MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: EIRP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.56	0.35	2.50	21.91	24.06
		1	24	21.43	0.35	2.50	21.78	23.93
		1	49	21.31	0.35	2.50	21.66	23.81
		25	0	21.19	0.35	2.50	21.54	23.69
		25	12	21.07	0.35	2.50	21.42	23.57
		25	25	20.93	0.35	2.50	21.28	23.43
		50	0	20.81	0.35	2.50	21.16	23.31
	MCH	1	0	21.63	0.35	2.50	21.98	24.13
		1	24	21.50	0.35	2.50	21.85	24.00
		1	49	21.38	0.35	2.50	21.73	23.88
		25	0	21.25	0.35	2.50	21.60	23.75
		25	12	21.12	0.35	2.50	21.47	23.62
		25	25	21.01	0.35	2.50	21.36	23.51
		50	0	20.89	0.35	2.50	21.24	23.39
	HCH	1	0	21.41	0.35	2.50	21.76	23.91
		1	24	21.28	0.35	2.50	21.63	23.78
		1	49	21.16	0.35	2.50	21.51	23.66
		25	0	21.02	0.35	2.50	21.37	23.52
		25	12	20.89	0.35	2.50	21.24	23.39
		25	25	20.76	0.35	2.50	21.11	23.26
		50	0	20.64	0.35	2.50	20.99	23.14
16QAM	LCH	1	0	20.31	0.35	2.50	20.66	22.81
		1	24	20.19	0.35	2.50	20.54	22.69
		1	49	20.06	0.35	2.50	20.41	22.56
		25	0	19.92	0.35	2.50	20.27	22.42
		25	12	19.79	0.35	2.50	20.14	22.29
		25	25	19.67	0.35	2.50	20.02	22.17
		50	0	19.55	0.35	2.50	19.90	22.05
	MCH	1	0	20.13	0.35	2.50	20.48	22.63
		1	24	20.01	0.35	2.50	20.36	22.51
		1	49	19.90	0.35	2.50	20.25	22.40
		25	0	19.76	0.35	2.50	20.11	22.26
		25	12	19.62	0.35	2.50	19.97	22.12
		25	25	19.49	0.35	2.50	19.84	21.99
		50	0	19.38	0.35	2.50	19.73	21.88
	HCH	1	0	20.42	0.35	2.50	20.77	22.92
		1	24	20.28	0.35	2.50	20.63	22.78
		1	49	20.15	0.35	2.50	20.50	22.65
		25	0	20.02	0.35	2.50	20.37	22.52
		25	12	19.89	0.35	2.50	20.24	22.39
		25	25	19.77	0.35	2.50	20.12	22.27
		50	0	19.64	0.35	2.50	19.99	22.14
Conclusion: ERP limit for FCC is 7W(38.45dBm), EIRP limit for IC is 11.5W(40.61dBm), so the test is pass								

Note:

1) dBd= dBi-2.15

2) ERP= Conducted output power+Antenna gain (dBd)

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

LTE FDD Band 17, Nominal Bandwidth: 5MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.23	0.35	2.50	21.58	/
		1	12	21.10	0.35	2.50	21.45	/
		1	24	20.99	0.35	2.50	21.34	/
		12	0	20.88	0.35	2.50	21.23	/
		12	6	20.76	0.35	2.50	21.11	/
		12	13	20.62	0.35	2.50	20.97	/
		25	0	20.50	0.35	2.50	20.85	/
	MCH	1	0	21.32	0.35	2.50	21.67	/
		1	12	21.21	0.35	2.50	21.56	/
		1	24	21.10	0.35	2.50	21.45	/
		12	0	20.98	0.35	2.50	21.33	/
		12	6	20.86	0.35	2.50	21.21	/
		12	13	20.75	0.35	2.50	21.10	/
		25	0	20.63	0.35	2.50	20.98	/
	HCH	1	0	21.29	0.35	2.50	21.64	/
		1	12	21.16	0.35	2.50	21.51	/
		1	24	21.02	0.35	2.50	21.37	/
		12	0	20.89	0.35	2.50	21.24	/
		12	6	20.77	0.35	2.50	21.12	/
		12	13	20.64	0.35	2.50	20.99	/
		25	0	20.52	0.35	2.50	20.87	/
16QAM	LCH	1	0	20.45	0.35	2.50	20.80	/
		1	12	20.32	0.35	2.50	20.67	/
		1	24	20.20	0.35	2.50	20.55	/
		12	0	20.08	0.35	2.50	20.43	/
		12	6	19.95	0.35	2.50	20.30	/
		12	13	19.81	0.35	2.50	20.16	/
		25	0	19.68	0.35	2.50	20.03	/
	MCH	1	0	20.65	0.35	2.50	21.00	/
		1	12	20.53	0.35	2.50	20.88	/
		1	24	20.42	0.35	2.50	20.77	/
		12	0	20.28	0.35	2.50	20.63	/
		12	6	20.16	0.35	2.50	20.51	/
		12	13	20.03	0.35	2.50	20.38	/
		25	0	19.90	0.35	2.50	20.25	/
	HCH	1	0	20.36	0.35	2.50	20.71	/
		1	12	20.24	0.35	2.50	20.59	/
		1	24	20.13	0.35	2.50	20.48	/
		12	0	20.00	0.35	2.50	20.35	/
		12	6	19.87	0.35	2.50	20.22	/
		12	13	19.75	0.35	2.50	20.10	/
		25	0	19.63	0.35	2.50	19.98	/
Conclusion: ERP limit for FCC is 30W(44.77dBm), so the test is pass								

LTE FDD Band 17, Nominal Bandwidth: 10MHz								
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBd)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset					
QPSK	LCH	1	0	21.42	0.35	2.50	21.77	/
		1	24	21.30	0.35	2.50	21.65	/
		1	49	21.19	0.35	2.50	21.54	/
		25	0	21.05	0.35	2.50	21.40	/
		25	12	20.93	0.35	2.50	21.28	/
		25	25	20.82	0.35	2.50	21.17	/
		50	0	20.68	0.35	2.50	21.03	/
	MCH	1	0	21.43	0.35	2.50	21.78	/
		1	24	21.31	0.35	2.50	21.66	/
		1	49	21.20	0.35	2.50	21.55	/
		25	0	21.08	0.35	2.50	21.43	/
		25	12	20.96	0.35	2.50	21.31	/
		25	25	20.82	0.35	2.50	21.17	/
		50	0	20.68	0.35	2.50	21.03	/
	HCH	1	0	21.12	0.35	2.50	21.47	/
		1	24	21.01	0.35	2.50	21.36	/
		1	49	20.88	0.35	2.50	21.23	/
		25	0	20.75	0.35	2.50	21.10	/
		25	12	20.62	0.35	2.50	20.97	/
		25	25	20.51	0.35	2.50	20.86	/
		50	0	20.40	0.35	2.50	20.75	/
16QAM	LCH	1	0	20.15	0.35	2.50	20.50	/
		1	24	20.02	0.35	2.50	20.37	/
		1	49	19.88	0.35	2.50	20.23	/
		25	0	19.75	0.35	2.50	20.10	/
		25	12	19.61	0.35	2.50	19.96	/
		25	25	19.47	0.35	2.50	19.82	/
		50	0	19.35	0.35	2.50	19.70	/
	MCH	1	0	20.36	0.35	2.50	20.71	/
		1	24	20.25	0.35	2.50	20.60	/
		1	49	20.13	0.35	2.50	20.48	/
		25	0	20.01	0.35	2.50	20.36	/
		25	12	19.90	0.35	2.50	20.25	/
		25	25	19.77	0.35	2.50	20.12	/
		50	0	19.64	0.35	2.50	19.99	/
	HCH	1	0	20.49	0.35	2.50	20.84	/
		1	24	20.35	0.35	2.50	20.70	/
		1	49	20.21	0.35	2.50	20.56	/
		25	0	20.09	0.35	2.50	20.44	/
		25	12	19.98	0.35	2.50	20.33	/
		25	25	19.86	0.35	2.50	20.21	/
		50	0	19.73	0.35	2.50	20.08	/
Conclusion: ERP limit for FCC is 30W(44.77dBm), so the test is pass								

Note:

1) dBd= dBi-2.15

2) ERP= Conducted output power+Antenna gain (dBd)