

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	22.75	3	25.75	/
		1	3	22.61	3	25.61	/
		1	5	22.75	3	25.75	/
		3	0	22.79	3	25.79	/
		3	1	22.51	3	25.51	/
		3	3	22.91	3	25.91	/
		6	0	21.76	3	24.76	/
	MCH	1	0	22.62	3	25.62	/
		1	3	22.52	3	25.52	/
		1	5	22.57	3	25.57	/
		3	0	22.44	3	25.44	/
		3	1	22.45	3	25.45	/
		3	3	22.48	3	25.48	/
		6	0	21.52	3	24.52	/
	HCH	1	0	21.6	3	24.6	/
		1	3	21.4	3	24.4	/
		1	5	21.24	3	24.24	/
		3	0	21.48	3	24.48	/
		3	1	21.43	3	24.43	/
		3	3	21.34	3	24.34	/
		6	0	20.36	3	23.36	/
16QAM	LCH	1	0	21.91	3	24.91	/
		1	3	21.45	3	24.45	/
		1	5	21.56	3	24.56	/
		3	0	21.8	3	24.8	/
		3	1	21.90	3	24.90	/
		3	3	21.69	3	24.69	/
		6	0	20.65	3	23.65	/
	MCH	1	0	21.57	3	24.57	/
		1	3	21.2	3	24.2	/
		1	5	21.65	3	24.65	/
		3	0	21.51	3	24.51	/
		3	1	21.56	3	24.56	/
		3	3	21.55	3	24.55	/
		6	0	20.46	3	23.46	/
	HCH	1	0	20.38	3	23.38	/
		1	3	20.47	3	23.47	/
		1	5	20.2	3	23.2	/
		3	0	20.51	3	23.51	/
		3	1	20.52	3	23.52	/
		3	3	20.36	3	23.36	/
		6	0	19.37	3	22.37	/
Conclusion: EIRP limit for FCC is 2W(33.0dBm), 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	21.84	3	24.84	/
		1	8	21.96	3	24.96	/
		1	14	21.97	3	24.97	/
		8	0	20.79	3	23.79	/
		8	4	20.82	3	23.82	/
		8	7	20.83	3	23.83	/
		15	0	20.86	3	23.86	/
	MCH	1	0	21.79	3	24.79	/
		1	8	21.84	3	24.84	/
		1	14	21.87	3	24.87	/
		8	0	20.69	3	23.69	/
		8	4	20.66	3	23.66	/
		8	7	20.67	3	23.67	/
		15	0	20.68	3	23.68	/
	HCH	1	0	21.72	3	24.72	/
		1	8	21.54	3	24.54	/
		1	14	21.89	3	24.89	/
		8	0	20.67	3	23.67	/
		8	4	20.64	3	23.64	/
		8	7	20.65	3	23.65	/
		15	0	20.64	3	23.64	/
16QAM	LCH	1	0	20.88	3	23.88	/
		1	8	20.75	3	23.75	/
		1	14	20.48	3	23.48	/
		8	0	19.89	3	22.89	/
		8	4	19.97	3	22.97	/
		8	7	20.06	3	23.06	/
		15	0	19.87	3	22.87	/
	MCH	1	0	20.35	3	23.35	/
		1	8	20.64	3	23.64	/
		1	14	20.33	3	23.33	/
		8	0	19.4	3	22.4	/
		8	4	19.41	3	22.41	/
		8	7	19.38	3	22.38	/
		15	0	19.81	3	22.81	/
	HCH	1	0	20.36	3	23.36	/
		1	8	20.62	3	23.62	/
		1	14	20.36	3	23.36	/
		8	0	19.53	3	22.53	/
		8	4	19.64	3	22.64	/
		8	7	19.8	3	22.8	/
		15	0	19.56	3	22.56	/
Conclusion: EIRP limit for FCC is 2W(33.0dBm), so the test is pass							

LTE FDD Band 2, Nominal Bandwidth: 5.0MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	22.7	3	25.7	/
		1	12	22.82	3	25.82	/
		1	24	22.88	3	25.88	/
		12	0	21.68	3	24.68	/
		12	7	21.83	3	24.83	/
		12	13	21.82	3	24.82	/
		25	0	21.67	3	24.67	/
	MCH	1	0	22.5	3	25.5	/
		1	12	22.48	3	25.48	/
		1	24	22.23	3	25.23	/
		12	0	21.47	3	24.47	/
		12	7	21.53	3	24.53	/
		12	13	21.46	3	24.46	/
		25	0	21.39	3	24.39	/
	HCH	1	0	22.01	3	25.01	/
		1	12	21.7	3	24.7	/
		1	24	21.28	3	24.28	/
		12	0	20.97	3	23.97	/
		12	7	20.79	3	23.79	/
		12	13	20.55	3	23.55	/
		25	0	20.6	3	23.6	/
16QAM	LCH	1	0	21.91	3	24.91	/
		1	12	21.72	3	24.72	/
		1	24	22	3	25	/
		12	0	20.77	3	23.77	/
		12	7	20.83	3	23.83	/
		12	13	20.88	3	23.88	/
		25	0	20.69	3	23.69	/
	MCH	1	0	21.37	3	24.37	/
		1	12	21.42	3	24.42	/
		1	24	21.3	3	24.3	/
		12	0	20.57	3	23.57	/
		12	7	20.48	3	23.48	/
		12	13	20.55	3	23.55	/
		25	0	20.42	3	23.42	/
	HCH	1	0	21.36	3	24.36	/
		1	12	20.57	3	23.57	/
		1	24	20.14	3	23.14	/
		12	0	20.02	3	23.02	/
		12	7	19.84	3	22.84	/
		12	13	19.38	3	22.38	/
		25	0	19.63	3	22.63	/
Conclusion: EIRP limit for FCC is 2W(33.0dBm), 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	22.69	3	25.69	/
		1	25	22.81	3	25.81	/
		1	49	23.03	3	26.03	/
		25	0	21.79	3	24.79	/
		25	12	21.88	3	24.88	/
		25	25	21.77	3	24.77	/
		50	0	21.55	3	24.55	/
	MCH	1	0	22.5	3	25.5	/
		1	25	22.48	3	25.48	/
		1	49	22.27	3	25.27	/
		25	0	21.46	3	24.46	/
		25	12	21.44	3	24.44	/
		25	25	21.35	3	24.35	/
		50	0	21.2	3	24.2	/
	HCH	1	0	22.65	3	25.65	/
		1	25	22.36	3	25.36	/
		1	49	21.39	3	24.39	/
		25	0	21.62	3	24.62	/
		25	12	21.13	3	24.13	/
		25	25	20.67	3	23.67	/
		50	0	21.07	3	24.07	/
16QAM	LCH	1	0	21.65	3	24.65	/
		1	25	21.71	3	24.71	/
		1	49	22.21	3	25.21	/
		25	0	20.76	3	23.76	/
		25	12	20.87	3	23.87	/
		25	25	20.75	3	23.75	/
		50	0	20.54	3	23.54	/
	MCH	1	0	21.81	3	24.81	/
		1	25	21.34	3	24.34	/
		1	49	21.56	3	24.56	/
		25	0	20.52	3	23.52	/
		25	12	20.43	3	23.43	/
		25	25	20.38	3	23.38	/
		50	0	20.22	3	23.22	/
	HCH	1	0	21.63	3	24.63	/
		1	25	21.46	3	24.46	/
		1	49	20.21	3	23.21	/
		25	0	20.23	3	23.23	/
		25	12	20.17	3	23.17	/
		25	25	19.71	3	22.71	/
		50	0	20.14	3	23.14	/

Conclusion: EIRP limit for FCC is 2W(33.0dBm), 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	22.85	3	25.85	/
		1	37	22.93	3	25.93	/
		1	74	22.92	3	25.92	/
		36	0	21.73	3	24.73	/
		36	20	21.71	3	24.71	/
		36	39	21.69	3	24.69	/
		75	0	21.65	3	24.65	/
	MCH	1	0	22.64	3	25.64	/
		1	37	22.44	3	25.44	/
		1	74	22.47	3	25.47	/
		36	0	21.37	3	24.37	/
		36	20	21.27	3	24.27	/
		36	39	21.24	3	24.24	/
		75	0	21.33	3	24.33	/
	HCH	1	0	22.61	3	25.61	/
		1	37	22.46	3	25.46	/
		1	74	21.35	3	24.35	/
		36	0	21.39	3	24.39	/
		36	20	21.13	3	24.13	/
		36	39	20.78	3	23.78	/
		75	0	21.13	3	24.13	/
16QAM	LCH	1	0	21.39	3	24.39	/
		1	37	21.63	3	24.63	/
		1	74	22.02	3	25.02	/
		36	0	20.69	3	23.69	/
		36	20	20.81	3	23.81	/
		36	39	20.58	3	23.58	/
		75	0	20.63	3	23.63	/
	MCH	1	0	21.44	3	24.44	/
		1	37	21.33	3	24.33	/
		1	74	21.78	3	24.78	/
		36	0	20.39	3	23.39	/
		36	20	20.26	3	23.26	/
		36	39	20.25	3	23.25	/
		75	0	20.21	3	23.21	/
	HCH	1	0	21.46	3	24.46	/
		1	37	21.31	3	24.31	/
		1	74	20.35	3	23.35	/
		36	0	20.36	3	23.36	/
		36	20	20.18	3	23.18	/
		36	39	19.85	3	22.85	/
		75	0	20.14	3	23.14	/
Conclusion: EIRP limit for FCC is 2W(33.0dBm), 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	22.87	3	25.87	/
		1	49	23.05	3	26.05	/
		1	99	22.66	3	25.66	/
		50	0	21.59	3	24.59	/
		50	24	21.54	3	24.54	/
		50	50	21.5	3	24.5	/
		100	0	21.62	3	24.62	/
	MCH	1	0	22.64	3	25.64	/
		1	0	22.79	3	25.79	/
		1	49	22.45	3	25.45	/
		1	99	22.37	3	25.37	/
		50	0	21.3	3	24.3	/
		50	24	21.25	3	24.25	/
		50	50	21.23	3	24.23	/
	HCH	1	0	22.49	3	25.49	/
		1	49	22.5	3	25.5	/
		1	99	21.21	3	24.21	/
		50	0	21.34	3	24.34	/
		50	24	21.33	3	24.33	/
		50	50	20.84	3	23.84	/
		100	0	21.3	3	24.3	/
16QAM	LCH	1	0	21.66	3	24.66	/
		1	49	22.1	3	25.1	/
		1	99	21.82	3	24.82	/
		50	0	20.56	3	23.56	/
		50	24	20.62	3	23.62	/
		50	50	20.47	3	23.47	/
		100	0	20.63	3	23.63	/
	MCH	1	0	21.99	3	24.99	/
		1	49	21.72	3	24.72	/
		1	99	21.21	3	24.21	/
		50	0	20.3	3	23.3	/
		50	24	20.31	3	23.31	/
		50	50	20.22	3	23.22	/
		100	0	20.33	3	23.33	/
	HCH	1	0	21.37	3	24.37	/
		1	49	21.5	3	24.5	/
		1	99	20.66	3	23.66	/
		50	0	20.33	3	23.33	/
		50	24	20.38	3	23.38	/
		50	50	19.93	3	22.93	/
		100	0	20.36	3	23.36	/
Conclusion: EIRP limit for FCC is 2W(33.0dBm), 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	21.79	3	24.79	/
		1	3	21.71	3	24.71	/
		1	5	21.68	3	24.68	/
		3	0	21.68	3	24.68	/
		3	1	21.62	3	24.62	/
		3	3	21.58	3	24.58	/
		6	0	20.59	3	23.59	/
	MCH	1	0	20.98	3	23.98	/
		1	3	20.89	3	23.89	/
		1	5	21.28	3	24.28	/
		3	0	21.07	3	24.07	/
		3	1	20.94	3	23.94	/
		3	3	21.16	3	24.16	/
		6	0	20.07	3	23.07	/
	HCH	1	0	21.5	3	24.5	/
		1	3	20.29	3	23.29	/
		1	5	20.25	3	23.25	/
		3	0	21.39	3	24.39	/
		3	1	21.34	3	24.34	/
		3	3	20.24	3	23.24	/
		6	0	19.76	3	22.76	/
16QAM	LCH	1	0	20.24	3	23.24	/
		1	3	20.43	3	23.43	/
		1	5	20.46	3	23.46	/
		3	0	20.55	3	23.55	/
		3	1	20.51	3	23.51	/
		3	3	20.64	3	23.64	/
		6	0	19.6	3	22.6	/
	MCH	1	0	19.67	3	22.67	/
		1	3	19.95	3	22.95	/
		1	5	20.02	3	23.02	/
		3	0	20.29	3	23.29	/
		3	1	20.08	3	23.08	/
		3	3	20.24	3	23.24	/
		6	0	18.98	3	21.98	/
	HCH	1	0	20.01	3	23.01	/
		1	3	19.81	3	22.81	/
		1	5	19.27	3	22.27	/
		3	0	19.51	3	22.51	/
		3	1	19.44	3	22.44	/
		3	3	19.23	3	22.23	/
		6	0	18.69	3	21.69	/
Conclusion: EIRP limit for FCC is 1W(30.0dBm), so the test is pass							

LTE FDD Band 4, Nominal Bandwidth:3.0MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	21.69	3	24.69	/
		1	8	21.52	3	24.52	/
		1	14	21.55	3	24.55	/
		8	0	20.57	3	23.57	/
		8	4	20.51	3	23.51	/
		8	7	20.3	3	23.3	/
		15	0	20.45	3	23.45	/
	MCH	1	0	21.06	3	24.06	/
		1	8	20.93	3	23.93	/
		1	14	21.27	3	24.27	/
		8	0	20.03	3	23.03	/
		8	4	20.04	3	23.04	/
		8	7	20.17	3	23.17	/
		15	0	20.03	3	23.03	/
	HCH	1	0	20.51	3	23.51	/
		1	8	21.48	3	24.48	/
		1	14	20.99	3	23.99	/
		8	0	19.7	3	22.7	/
		8	4	19.78	3	22.78	/
		8	7	19.71	3	22.71	/
		15	0	19.71	3	22.71	/
16QAM	LCH	1	0	20.78	3	23.78	/
		1	8	20.38	3	23.38	/
		1	14	20.28	3	23.28	/
		8	0	19.46	3	22.46	/
		8	4	19.47	3	22.47	/
		8	7	19.42	3	22.42	/
		15	0	19.47	3	22.47	/
	MCH	1	0	19.99	3	22.99	/
		1	8	20.07	3	23.07	/
		1	14	20.13	3	23.13	/
		8	0	18.88	3	21.88	/
		8	4	19.03	3	22.03	/
		8	7	18.97	3	21.97	/
		15	0	18.97	3	21.97	/
	HCH	1	0	19.8	3	22.8	/
		1	8	19.6	3	22.6	/
		1	14	19.45	3	22.45	/
		8	0	18.61	3	21.61	/
		8	4	18.87	3	21.87	/
		8	7	18.58	3	21.58	/
		15	0	18.92	3	21.92	/
Conclusion: EIRP limit for FCC 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	21.76	3	24.76	/	
		1	12	21.61	3	24.61	/	
		1	24	21.21	3	24.21	/	
		12	0	20.47	3	23.47	/	
		12	7	20.38	3	23.38	/	
		12	13	20.46	3	23.46	/	
		25	0	20.73	3	23.73	/	
	MCH	1	0	21.08	3	24.08	/	
		1	12	21.45	3	24.45	/	
		1	24	21.24	3	24.24	/	
		12	0	20.03	3	23.03	/	
		12	7	20.06	3	23.06	/	
		12	13	20.1	3	23.1	/	
		25	0	19.98	3	22.98	/	
	HCH	1	0	21.01	3	24.01	/	
		1	12	20.73	3	23.73	/	
		1	24	20	3	23	/	
		12	0	19.98	3	22.98	/	
		12	7	19.81	3	22.81	/	
		12	13	19.73	3	22.73	/	
		25	0	19.72	3	22.72	/	
	16QAM	LCH	1	0	20.8	3	23.8	/
			1	12	20.4	3	23.4	/
			1	24	19.93	3	22.93	/
12			0	19.56	3	22.56	/	
12			7	19.37	3	22.37	/	
12			13	19.45	3	22.45	/	
25			0	19.37	3	22.37	/	
MCH		1	0	20.17	3	23.17	/	
		1	12	20.07	3	23.07	/	
		1	24	20.06	3	23.06	/	
		12	0	19.06	3	22.06	/	
		12	7	19.02	3	22.02	/	
		12	13	19.33	3	22.33	/	
		25	0	18.92	3	21.92	/	
HCH		1	0	20.17	3	23.17	/	
		1	12	19.78	3	22.78	/	
		1	24	19.04	3	22.04	/	
		12	0	18.98	3	21.98	/	
		12	7	18.89	3	21.89	/	
		12	13	18.83	3	21.83	/	
		25	0	18.73	3	21.73	/	
Conclusion: EIRP limit for FCC 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	21.68	3	24.68	/
		1	25	21.25	3	24.25	/
		1	49	21.82	3	24.82	/
		25	0	20.06	3	23.06	/
		25	12	19.92	3	22.92	/
		25	25	20.03	3	23.03	/
		50	0	20.28	3	23.28	/
	MCH	1	0	21.25	3	24.25	/
		1	25	20.98	3	23.98	/
		1	49	21.39	3	24.39	/
		25	0	19.99	3	22.99	/
		25	12	20.02	3	23.02	/
		25	25	20.13	3	23.13	/
		50	0	19.94	3	22.94	/
	HCH	1	0	21.61	3	24.61	/
		1	25	21.06	3	24.06	/
		1	49	20.76	3	23.76	/
		25	0	20.29	3	23.29	/
		25	12	20.22	3	23.22	/
		25	25	19.73	3	22.73	/
		50	0	20.15	3	23.15	/
16QAM	LCH	1	0	20.6	3	23.6	/
		1	25	20.5	3	23.5	/
		1	49	20.27	3	23.27	/
		25	0	19.15	3	22.15	/
		25	12	18.96	3	21.96	/
		25	25	19.03	3	22.03	/
		50	0	19.35	3	22.35	/
	MCH	1	0	20.09	3	23.09	/
		1	25	20.08	3	23.08	/
		1	49	20.44	3	23.44	/
		25	0	18.89	3	21.89	/
		25	12	18.99	3	21.99	/
		25	25	19.54	3	22.54	/
		50	0	19.02	3	22.02	/
	HCH	1	0	20.58	3	23.58	/
		1	25	19.95	3	22.95	/
		1	49	19.92	3	22.92	/
		25	0	19.34	3	22.34	/
		25	12	18.83	3	21.83	/
		25	25	18.72	3	21.72	/
		50	0	18.78	3	21.78	/
Conclusion: EIRP limit for FCC 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	21.64	3	24.64	/
		1	37	21.1	3	24.1	/
		1	74	21.03	3	24.03	/
		36	0	19.9	3	22.9	/
		36	20	20.32	3	23.32	/
		36	39	19.74	3	22.74	/
		75	0	19.84	3	22.84	/
	MCH	1	0	21.23	3	24.23	/
		1	37	21.55	3	24.55	/
		1	74	21.95	3	24.95	/
		36	0	20.02	3	23.02	/
		36	20	19.88	3	22.88	/
		36	39	20.2	3	23.2	/
		75	0	19.96	3	22.96	/
	HCH	1	0	21.77	3	24.77	/
		1	37	21.42	3	24.42	/
		1	74	20.82	3	23.82	/
		36	0	20.53	3	23.53	/
		36	20	20.15	3	23.15	/
		36	39	19.8	3	22.8	/
		75	0	20.15	3	23.15	/
16QAM	LCH	1	0	20.82	3	23.82	/
		1	37	20.17	3	23.17	/
		1	74	19.8	3	22.8	/
		36	0	19.41	3	22.41	/
		36	20	19.3	3	22.3	/
		36	39	18.77	3	21.77	/
		75	0	18.9	3	21.9	/
	MCH	1	0	20.42	3	23.42	/
		1	37	20	3	23	/
		1	74	20.66	3	23.66	/
		36	0	18.75	3	21.75	/
		36	20	18.94	3	21.94	/
		36	39	18.96	3	21.96	/
		75	0	18.9	3	21.9	/
	HCH	1	0	20.42	3	23.42	/
		1	37	20.14	3	23.14	/
		1	74	20.27	3	23.27	/
		36	0	19.39	3	22.39	/
		36	20	19.24	3	22.24	/
		36	39	18.88	3	21.88	/
		75	0	19.39	3	22.39	/
Conclusion: EIRP limit for FCC 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	21.62	3	24.62	/
		1	49	21.13	3	24.13	/
		1	99	20.99	3	23.99	/
		50	0	19.91	3	22.91	/
		50	24	19.84	3	22.84	/
		50	50	19.9	3	22.9	/
		100	0	19.94	3	22.94	/
	MCH	1	0	21.2	3	24.2	/
		1	49	21.49	3	24.49	/
		1	99	21.62	3	24.62	/
		50	0	19.94	3	22.94	/
		50	24	19.94	3	22.94	/
		50	50	20.26	3	23.26	/
		100	0	20.13	3	23.13	/
	HCH	1	0	21.6	3	24.6	/
		1	49	22.01	3	25.01	/
		1	99	20.86	3	23.86	/
		50	0	20.43	3	23.43	/
		50	24	20.4	3	23.4	/
		50	50	19.92	3	22.92	/
		100	0	20.31	3	23.31	/
16QAM	LCH	1	0	20.6	3	23.6	/
		1	49	19.86	3	22.86	/
		1	99	19.73	3	22.73	/
		50	0	18.93	3	21.93	/
		50	24	18.8	3	21.8	/
		50	50	18.83	3	21.83	/
		100	0	18.88	3	21.88	/
	MCH	1	0	20.43	3	23.43	/
		1	49	20.22	3	23.22	/
		1	99	20.78	3	23.78	/
		50	0	18.93	3	21.93	/
		50	24	18.99	3	21.99	/
		50	50	18.89	3	21.89	/
		100	0	19.1	3	22.1	/
	HCH	1	0	20.63	3	23.63	/
		1	49	20.73	3	23.73	/
		1	99	19.19	3	22.19	/
		50	0	19.46	3	22.46	/
		50	24	19.43	3	22.43	/
		50	50	18.89	3	21.89	/
		100	0	19.26	3	22.26	/
Conclusion: EIRP limit for FCC 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 (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	23.32	3	24.17	/
		1	3	23.35	3	24.2	/
		1	5	23.23	3	24.08	/
		3	0	23.18	3	24.03	/
		3	1	23.23	3	24.08	/
		3	3	23.21	3	24.06	/
		6	0	22.25	3	23.1	/
	MCH	1	0	23.21	3	24.06	/
		1	3	23.11	3	23.96	/
		1	5	23.23	3	24.08	/
		3	0	23.16	3	24.01	/
		3	1	23.17	3	24.02	/
		3	3	23.21	3	24.06	/
		6	0	22.15	3	23	/
	HCH	1	0	23.06	3	23.91	/
		1	3	22.98	3	23.83	/
		1	5	23.02	3	23.87	/
		3	0	23.03	3	23.88	/
		3	1	23.05	3	23.9	/
		3	3	23.05	3	23.9	/
		6	0	21.83	3	22.68	/
16QAM	LCH	1	0	21.98	3	22.83	/
		1	3	22.45	3	23.3	/
		1	5	22.05	3	22.9	/
		3	0	22.32	3	23.17	/
		3	1	22.25	3	23.1	/
		3	3	22.34	3	23.19	/
		6	0	21.31	3	22.16	/
	MCH	1	0	22.26	3	23.11	/
		1	3	21.91	3	22.76	/
		1	5	21.95	3	22.8	/
		3	0	22.3	3	23.15	/
		3	1	22.29	3	23.14	/
		3	3	22.06	3	22.91	/
		6	0	21.23	3	22.08	/
	HCH	1	0	21.88	3	22.73	/
		1	3	21.85	3	22.7	/
		1	5	21.92	3	22.77	/
		3	0	22.07	3	22.92	/
		3	1	22.08	3	22.93	/
		3	3	21.96	3	22.81	/
		6	0	20.99	3	21.84	/
Conclusion: ERP limit for FCC is 7W(38.4dBm), so the test is pass							

LTE FDD Band 5, Nominal Bandwidth:3.0MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	23.43	3	24.28	/
		1	8	23.14	3	23.99	/
		1	14	23.46	3	24.31	/
		8	0	22.22	3	23.07	/
		8	4	22.1	3	22.95	/
		8	7	22.08	3	22.93	/
		15	0	22.24	3	23.09	/
	MCH	1	0	23.13	3	23.98	/
		1	8	23.11	3	23.96	/
		1	14	23.26	3	24.11	/
		8	0	22.07	3	22.92	/
		8	4	22.21	3	23.06	/
		8	7	22.17	3	23.02	/
		15	0	22.12	3	22.97	/
	HCH	1	0	23.13	3	23.98	/
		1	8	23.08	3	23.93	/
		1	14	23.08	3	23.93	/
		8	0	21.79	3	22.64	/
		8	4	21.89	3	22.74	/
		8	7	21.8	3	22.65	/
		15	0	21.8	3	22.65	/
16QAM	LCH	1	0	22.35	3	23.2	/
		1	8	22.04	3	22.89	/
		1	14	22.15	3	23	/
		8	0	21.18	3	22.03	/
		8	4	21.07	3	21.92	/
		8	7	21.05	3	21.9	/
		15	0	21.16	3	22.01	/
	MCH	1	0	21.69	3	22.54	/
		1	8	21.93	3	22.78	/
		1	14	22.03	3	22.88	/
		8	0	21.1	3	21.95	/
		8	4	21.06	3	21.91	/
		8	7	21.07	3	21.92	/
		15	0	21.28	3	22.13	/
	HCH	1	0	21.86	3	22.71	/
		1	8	22.15	3	23	/
		1	14	22.04	3	22.89	/
		8	0	20.79	3	21.64	/
		8	4	20.98	3	21.83	/
		8	7	20.89	3	21.74	/
		15	0	20.95	3	21.8	/
Conclusion: ERP limit for FCC is 7W(38.4dBm), so the test 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	1	0	23.23	3	24.08	/
		1	12	23.24	3	24.09	/
		1	24	23.35	3	24.2	/
		12	0	22.19	3	23.04	/
		12	7	22.13	3	22.98	/
		12	13	22.16	3	23.01	/
		25	0	22.14	3	22.99	/
	MCH	1	0	22.85	3	23.7	/
		1	12	23.17	3	24.02	/
		1	24	23.31	3	24.16	/
		12	0	22.09	3	22.94	/
		12	7	22.21	3	23.06	/
		12	13	22.23	3	23.08	/
		25	0	22.1	3	22.95	/
	HCH	1	0	23.23	3	24.08	/
		1	12	23.06	3	23.91	/
		1	24	23.09	3	23.94	/
		12	0	22.3	3	23.15	/
		12	7	21.88	3	22.73	/
		12	13	21.66	3	22.51	/
		25	0	22.25	3	23.1	/
16QAM	LCH	1	0	21.64	3	22.49	/
		1	12	22.21	3	23.06	/
		1	24	22.28	3	23.13	/
		12	0	21.26	3	22.11	/
		12	7	21.19	3	22.04	/
		12	13	21.12	3	21.97	/
		25	0	20.98	3	21.83	/
	MCH	1	0	21.9	3	22.75	/
		1	12	22.38	3	23.23	/
		1	24	22.31	3	23.16	/
		12	0	21.13	3	21.98	/
		12	7	21.19	3	22.04	/
		12	13	21.25	3	22.1	/
		25	0	21.08	3	21.93	/
	HCH	1	0	21.98	3	22.83	/
		1	12	21.92	3	22.77	/
		1	24	21.84	3	22.69	/
		12	0	21.32	3	22.17	/
		12	7	21.46	3	22.31	/
		12	13	20.7	3	21.55	/
		25	0	20.74	3	21.59	/
Conclusion: ERP limit for FCC is 7W(38.4dBm), so the test 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	1	0	23.28	3	24.13	/
		1	25	23.07	3	23.92	/
		1	49	23.3	3	24.15	/
		25	0	22.05	3	22.9	/
		25	12	22.01	3	22.86	/
		25	25	21.97	3	22.82	/
		50	0	21.94	3	22.79	/
	MCH	1	0	22.9	3	23.75	/
		1	25	23.11	3	23.96	/
		1	49	23.24	3	24.09	/
		25	0	22.04	3	22.89	/
		25	12	22.06	3	22.91	/
		25	25	22.09	3	22.94	/
		50	0	21.91	3	22.76	/
	HCH	1	0	23.28	3	24.13	/
		1	25	23.18	3	24.03	/
		1	49	22.96	3	23.81	/
		25	0	22.13	3	22.98	/
		25	12	21.96	3	22.81	/
		25	25	21.74	3	22.59	/
		50	0	21.87	3	22.72	/
16QAM	LCH	1	0	21.81	3	22.66	/
		1	25	22.31	3	23.16	/
		1	49	22.16	3	23.01	/
		25	0	21.12	3	21.97	/
		25	12	20.99	3	21.84	/
		25	25	21.05	3	21.9	/
		50	0	20.91	3	21.76	/
	MCH	1	0	21.8	3	22.65	/
		1	25	22.06	3	22.91	/
		1	49	22.09	3	22.94	/
		25	0	20.94	3	21.79	/
		25	12	21.04	3	21.89	/
		25	25	21.11	3	21.96	/
		50	0	20.82	3	21.67	/
	HCH	1	0	22.51	3	23.36	/
		1	25	21.89	3	22.74	/
		1	49	21.77	3	22.62	/
		25	0	21.2	3	22.05	/
		25	12	20.99	3	21.84	/
		25	25	20.7	3	21.55	/
		50	0	20.9	3	21.75	/
Conclusion: ERP limit for FCC is 7W(38.4dBm), so the test is pass							

Note:

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

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	1	0	21.45	3	22.30	/
		1	12	21.84	3	22.69	/
		1	24	21.91	3	22.76	/
		12	0	21.45	3	22.30	/
		12	7	21.84	3	22.69	/
		12	13	21.82	3	22.67	/
		25	0	21.42	3	22.27	/
	MCH	1	0	21.96	3	22.81	/
		1	12	21.98	3	22.83	/
		1	24	22.15	3	23.00	/
		12	0	21.83	3	22.68	/
		12	7	21.87	3	22.72	/
		12	13	21.98	3	22.83	/
		25	0	21.79	3	22.64	/
	HCH	1	0	22.08	3	22.93	/
		1	12	22.1	3	22.95	/
		1	24	22.13	3	22.98	/
		12	0	21.99	3	22.84	/
		12	7	22.1	3	22.95	/
		12	13	22.04	3	22.89	/
		25	0	21.77	3	22.62	/
16QAM	LCH	1	0	21.11	3	21.96	/
		1	12	21.62	3	22.47	/
		1	24	21.98	3	22.83	/
		12	0	21.37	3	22.22	/
		12	7	21.7	3	22.55	/
		12	13	21.78	3	22.63	/
		25	0	21.67	3	22.52	/
	MCH	1	0	21.71	3	22.56	/
		1	12	22.11	3	22.96	/
		1	24	21.98	3	22.83	/
		12	0	21.86	3	22.71	/
		12	7	22.06	3	22.91	/
		12	13	22	3	22.85	/
		25	0	21.64	3	22.49	/
	HCH	1	0	21.49	3	22.34	/
		1	12	21.89	3	22.74	/
		1	24	22.15	3	23.00	/
		12	0	22.03	3	22.88	/
		12	7	22.06	3	22.91	/
		12	13	22.08	3	22.93	/
		25	0	21.88	3	22.73	/
Conclusion: ERP limit for FCC is 30W(44.8dBm), so the test 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	1	0	21.6	3	22.45	/
		1	25	22	3	22.85	/
		1	49	22.02	3	22.87	/
		25	0	21.58	3	22.43	/
		25	12	21.81	3	22.66	/
		25	25	22.21	3	23.06	/
		50	0	21.64	3	22.49	/
16QAM	MCH	1	0	21.77	3	22.62	/
		1	25	22.1	3	22.95	/
		1	49	21.89	3	22.74	/
		25	0	21.66	3	22.51	/
		25	12	21.76	3	22.61	/
		25	25	21.87	3	22.72	/
		50	0	21.58	3	22.43	/
Conclusion: ERP limit for FCC is 30W(44.8dBm), so the test is pass							

Note:

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

LTE FDD Band 17, Nominal Bandwidth: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	21.7	3	22.55	/
		1	12	21.74	3	22.59	/
		1	24	22.03	3	22.88	/
		12	0	20.63	3	21.48	/
		12	7	20.79	3	21.64	/
		12	13	20.91	3	21.76	/
		25	0	20.67	3	21.52	/
	MCH	1	0	21.92	3	22.77	/
		1	12	22.01	3	22.86	/
		1	24	21.92	3	22.77	/
		12	0	21.01	3	21.86	/
		12	7	20.99	3	21.84	/
		12	13	20.99	3	21.84	/
		25	0	20.94	3	21.79	/
	HCH	1	0	22.04	3	22.89	/
		1	12	21.63	3	22.48	/
		1	24	21.64	3	22.49	/
		12	0	20.89	3	21.74	/
		12	7	20.67	3	21.52	/
		12	13	20.7	3	21.55	/
		25	0	20.66	3	21.51	/
16QAM	LCH	1	0	20.63	3	21.48	/
		1	12	20.96	3	21.81	/
		1	24	20.69	3	21.54	/
		12	0	19.66	3	20.51	/
		12	7	19.78	3	20.63	/
		12	13	19.87	3	20.72	/
		25	0	19.55	3	20.4	/
	MCH	1	0	20.79	3	21.64	/
		1	12	20.86	3	21.71	/
		1	24	20.61	3	21.46	/
		12	0	19.9	3	20.75	/
		12	7	20.05	3	20.90	/
		12	13	20.02	3	20.87	/
		25	0	19.81	3	20.66	/
	HCH	1	0	20.91	3	21.76	/
		1	12	20.87	3	21.72	/
		1	24	20.92	3	21.77	/
		12	0	19.95	3	20.8	/
		12	7	19.83	3	20.68	/
		12	13	19.73	3	20.58	/
		25	0	19.66	3	20.51	/
Conclusion: ERP limit for FCC is 30W(44.8dBm), so the test is pass							

LTE FDD Band 17, Nominal Bandwidth: 10MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: ERP (dBm)	IC: ERP (dBm)
		Size	Offset				
QPSK	LCH	1	0	21.49	3	22.34	/
		1	25	22.06	3	22.91	/
		1	49	21.79	3	22.64	/
		25	0	20.7	3	21.55	/
		25	12	20.89	3	21.74	/
		25	25	20.95	3	21.8	/
		50	0	20.62	3	21.47	/
	MCH	1	0	21.48	3	22.33	/
		1	25	22.02	3	22.87	/
		1	49	21.69	3	22.54	/
		25	0	20.73	3	21.58	/
		25	12	20.92	3	21.77	/
		25	25	20.82	3	21.67	/
		50	0	20.67	3	21.52	/
	HCH	1	0	21.74	3	22.59	/
		1	25	22.03	3	22.88	/
		1	49	21.77	3	22.62	/
		25	0	20.83	3	21.68	/
		25	12	20.9	3	21.75	/
		25	25	20.7	3	21.55	/
		50	0	20.71	3	21.56	/
16QAM	LCH	1	0	20.23	3	21.08	/
		1	25	20.67	3	21.52	/
		1	49	20.34	3	21.19	/
		25	0	19.6	3	20.45	/
		25	12	19.79	3	20.64	/
		25	25	19.91	3	20.76	/
		50	0	19.68	3	20.53	/
	MCH	1	0	20.5	3	21.35	/
		1	25	20.97	3	21.82	/
		1	49	21	3	21.85	/
		25	0	19.74	3	20.59	/
		25	12	19.8	3	20.65	/
		25	25	19.81	3	20.66	/
		50	0	19.55	3	20.4	/
	HCH	1	0	20.38	3	21.23	/
		1	25	20.8	3	21.65	/
		1	49	20.39	3	21.24	/
		25	0	19.76	3	20.61	/
		25	12	19.85	3	20.7	/
		25	25	19.75	3	20.6	/
		50	0	19.62	3	20.47	/
Conclusion: ERP limit for FCC is 30W(44.8dBm), so the test is pass							

Note:

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