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	21.74	6	27.74	/
		1	12	21.8	6	27.8	/
		1	24	21.47	6	27.47	/
		12	0	20.89	6	26.89	/
		12	7	20.89	6	26.89	/
		12	13	20.78	6	26.78	/
		25	0	20.91	6	26.91	/
	MCH	1	0	21.97	6	27.97	/
		1	12	22.04	6	28.04	/
		1	24	21.9	6	27.9	/
		12	0	21.18	6	27.18	/
		12	7	21.48	6	27.48	/
		12	13	21.22	6	27.22	/
		25	0	21.28	6	27.28	/
	HCH	1	0	20.64	6	26.64	/
		1	12	20.82	6	26.82	/
		1	24	21.4	6	27.4	/
		12	0	19.94	6	25.94	/
		12	7	20.2	6	26.2	/
		12	13	20.43	6	26.43	/
		25	0	20.16	6	26.16	/
16QAM	LCH	1	0	21.19	6	27.19	/
		1	12	20.96	6	26.96	/
		1	24	20.67	6	26.67	/
		12	0	20.05	6	26.05	/
		12	7	20.03	6	26.03	/
		12	13	20.03	6	26.03	/
		25	0	20.05	6	26.05	/
	MCH	1	0	21.14	6	27.14	/
		1	12	21.48	6	27.48	/
		1	24	21.26	6	27.26	/
		12	0	20.37	6	26.37	/
		12	7	20.56	6	26.56	/
		12	13	20.42	6	26.42	/
		25	0	20.41	6	26.41	/
	HCH	1	0	20.07	6	26.07	/
		1	12	20.07	6	26.07	/
		1	24	20.88	6	26.88	/
		12	0	19.11	6	25.11	/
		12	7	19.39	6	25.39	/
		12	13	19.6	6	25.6	/
		25	0	19.34	6	25.34	/
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	21.79	6	27.79	/
		1	25	21.44	6	27.44	/
		1	49	21.71	6	27.71	/
		25	0	21.02	6	27.02	/
		25	12	20.86	6	26.86	/
		25	25	20.95	6	26.95	/
		50	0	20.98	6	26.98	/
	MCH	1	0	22.06	6	28.06	/
		1	25	22.06	6	28.06	/
		1	49	22.14	6	28.14	/
		25	0	21.22	6	27.22	/
		25	12	21.13	6	27.13	/
		25	25	21.23	6	27.23	/
		50	0	21.39	6	27.39	/
	HCH	1	0	20.96	6	26.96	/
		1	25	20.71	6	26.71	/
		1	49	21.42	6	27.42	/
		25	0	19.97	6	25.97	/
		25	12	19.86	6	25.86	/
		25	25	20.18	6	26.18	/
		50	0	20.04	6	26.04	/
16QAM	LCH	1	0	21.08	6	27.08	/
		1	25	20.73	6	26.73	/
		1	49	20.92	6	26.92	/
		25	0	20.08	6	26.08	/
		25	12	20.04	6	26.04	/
		25	25	20.02	6	26.02	/
		50	0	20.09	6	26.09	/
	MCH	1	0	21.33	6	27.33	/
		1	25	21.27	6	27.27	/
		1	49	21.24	6	27.24	/
		25	0	20.49	6	26.49	/
		25	12	20.4	6	26.4	/
		25	25	20.54	6	26.54	/
		50	0	20.46	6	26.46	/
	HCH	1	0	20.11	6	26.11	/
		1	25	20.24	6	26.24	/
		1	49	20.89	6	26.89	/
		25	0	19.3	6	25.3	/
		25	12	19.06	6	25.06	/
		25	25	19.49	6	25.49	/
		50	0	19.36	6	25.36	/
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	22.71	6	28.71	/
		1	37	22.07	6	28.07	/
		1	74	22.73	6	28.73	/
		36	0	21.54	6	27.54	/
		36	20	21.31	6	27.31	/
		36	39	21.56	6	27.56	/
		75	0	21.67	6	27.67	/
	MCH	1	0	22.96	6	28.96	/
		1	37	22.45	6	28.45	/
		1	74	23.11	6	29.11	/
		36	0	21.94	6	27.94	/
		36	20	21.75	6	27.75	/
		36	39	22.22	6	28.22	/
		75	0	22.08	6	28.08	/
	HCH	1	0	22.13	6	28.13	/
		1	37	20.77	6	26.77	/
		1	74	22.13	6	28.13	/
		36	0	20.73	6	26.73	/
		36	20	20.38	6	26.38	/
		36	39	20.71	6	26.71	/
		75	0	20.75	6	26.75	/
16QAM	LCH	1	0	21.98	6	27.98	/
		1	37	21.58	6	27.58	/
		1	74	21.93	6	27.93	/
		36	0	20.68	6	26.68	/
		36	20	20.39	6	26.39	/
		36	39	20.76	6	26.76	/
		75	0	20.88	6	26.88	/
	MCH	1	0	22.26	6	28.26	/
		1	37	21.66	6	27.66	/
		1	74	22.59	6	28.59	/
		36	0	21.17	6	27.17	/
		36	20	20.87	6	26.87	/
		36	39	21.25	6	27.25	/
		75	0	21.29	6	27.29	/
	HCH	1	0	21.73	6	27.73	/
		1	37	20.24	6	26.24	/
		1	74	21.53	6	27.53	/
		36	0	19.98	6	25.98	/
		36	20	19.54	6	25.54	/
		36	39	19.94	6	25.94	/
		75	0	19.96	6	25.96	/
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	22.15	6	28.15	/
		1	49	21.93	6	27.93	/
		1	99	21.99	6	27.99	/
		50	0	21.18	6	27.18	/
		50	24	21.24	6	27.24	/
		50	50	21.45	6	27.45	/
		100	0	21.4	6	27.4	/
	MCH	1	0	22.12	6	28.12	/
		1	49	22.19	6	28.19	/
		1	99	22.55	6	28.55	/
		50	0	21.62	6	27.62	/
		50	24	21.49	6	27.49	/
		50	50	21.85	6	27.85	/
		100	0	21.86	6	27.86	/
	HCH	1	0	22.3	6	28.3	/
		1	49	21.11	6	27.11	/
		1	99	21.45	6	27.45	/
		50	0	20.99	6	26.99	/
		50	24	20.3	6	26.3	/
		50	50	20.21	6	26.21	/
		100	0	20.67	6	26.67	/
16QAM	LCH	1	0	21.96	6	27.96	/
		1	49	21.19	6	27.19	/
		1	99	21.61	6	27.61	/
		50	0	20.56	6	26.56	/
		50	24	20.38	6	26.38	/
		50	50	20.59	6	26.59	/
		100	0	20.62	6	26.62	/
	MCH	1	0	21.65	6	27.65	/
		1	49	21.54	6	27.54	/
		1	99	21.71	6	27.71	/
		50	0	20.8	6	26.8	/
		50	24	20.63	6	26.63	/
		50	50	20.92	6	26.92	/
		100	0	21.1	6	27.1	/
	HCH	1	0	21.28	6	27.28	/
		1	49	20.56	6	26.56	/
		1	99	21.06	6	27.06	/
		50	0	20.05	6	26.05	/
		50	24	19.56	6	25.56	/
		50	50	19.43	6	25.43	/
		100	0	19.97	6	25.97	/
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: 5MHz							
Modulation	Channel	RB Configuration		Conducted output power (dBm)	Antenna gain (dBi)	FCC: EIRP (dBm)	IC: EIRP (dBm)
		Size	Offset				
QPSK	LCH	1	0	21.8	6	27.8	/
		1	12	21.97	6	27.97	/
		1	24	21.81	6	27.81	/
		12	0	21.13	6	27.13	/
		12	7	21.12	6	27.12	/
		12	13	21.11	6	27.11	/
		25	0	21.15	6	27.15	/
	MCH	1	0	20.96	6	26.96	/
		1	12	21.69	6	27.69	/
		1	24	21.48	6	27.48	/
		12	0	20.44	6	26.44	/
		12	7	20.67	6	26.67	/
		12	13	20.68	6	26.68	/
		25	0	20.56	6	26.56	/
	HCH	1	0	21.78	6	27.78	/
		1	12	21.18	6	27.18	/
		1	24	20.47	6	26.47	/
		12	0	20.75	6	26.75	/
		12	7	20.31	6	26.31	/
		12	13	19.91	6	25.91	/
		25	0	20.43	6	26.43	/
16QAM	LCH	1	0	21.39	6	27.39	/
		1	12	21.14	6	27.14	/
		1	24	21	6	27	/
		12	0	20.25	6	26.25	/
		12	7	20.22	6	26.22	/
		12	13	20.21	6	26.21	/
		25	0	20.27	6	26.27	/
	MCH	1	0	20.32	6	26.32	/
		1	12	21.13	6	27.13	/
		1	24	20.73	6	26.73	/
		12	0	19.51	6	25.51	/
		12	7	19.74	6	25.74	/
		12	13	19.77	6	25.77	/
		25	0	19.68	6	25.68	/
	HCH	1	0	21.02	6	27.02	/
		1	12	20.74	6	26.74	/
		1	24	19.69	6	25.69	/
		12	0	19.85	6	25.85	/
		12	7	19.44	6	25.44	/
		12	13	19.03	6	25.03	/
		25	0	19.6	6	25.6	/
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	21.86	6	27.86	/
		1	25	21.73	6	27.73	/
		1	49	21.13	6	27.13	/
		25	0	21.19	6	27.19	/
		25	12	20.95	6	26.95	/
		25	25	20.74	6	26.74	/
		50	0	20.95	6	26.95	/
	MCH	1	0	20.95	6	26.95	/
		1	25	21.47	6	27.47	/
		1	49	21.75	6	27.75	/
		25	0	20.34	6	26.34	/
		25	12	20.49	6	26.49	/
		25	25	20.76	6	26.76	/
		50	0	20.57	6	26.57	/
	HCH	1	0	22.77	6	28.77	/
		1	25	21.86	6	27.86	/
		1	49	20.48	6	26.48	/
		25	0	21.78	6	27.78	/
		25	12	21.2	6	27.2	/
		25	25	20.56	6	26.56	/
		50	0	21.22	6	27.22	/
16QAM	LCH	1	0	21.24	6	27.24	/
		1	25	21.16	6	27.16	/
		1	49	20.83	6	26.83	/
		25	0	20.48	6	26.48	/
		25	12	20.14	6	26.14	/
		25	25	19.94	6	25.94	/
		50	0	20.16	6	26.16	/
	MCH	1	0	20.45	6	26.45	/
		1	25	20.56	6	26.56	/
		1	49	20.71	6	26.71	/
		25	0	19.41	6	25.41	/
		25	12	19.51	6	25.51	/
		25	25	19.89	6	25.89	/
		50	0	19.64	6	25.64	/
	HCH	1	0	21.97	6	27.97	/
		1	25	21.42	6	27.42	/
		1	49	19.98	6	25.98	/
		25	0	20.87	6	26.87	/
		25	12	20.27	6	26.27	/
		25	25	19.67	6	25.67	/
		50	0	20.34	6	26.34	/
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	22.58	6	28.58	/
		1	37	21.76	6	27.76	/
		1	74	21.58	6	27.58	/
		36	0	21.64	6	27.64	/
		36	20	21.09	6	27.09	/
		36	39	20.82	6	26.82	/
		75	0	21.28	6	27.28	/
	MCH	1	0	21.69	6	27.69	/
		1	37	21.91	6	27.91	/
		1	74	22.85	6	28.85	/
		36	0	20.83	6	26.83	/
		36	20	20.98	6	26.98	/
		36	39	21.59	6	27.59	/
		75	0	21.21	6	27.21	/
	HCH	1	0	23.25	6	**29.25**	/
		1	37	22.64	6	28.64	/
		1	74	21.22	6	27.22	/
		36	0	22.51	6	28.51	/
		36	20	22.06	6	28.06	/
		36	39	21.38	6	27.38	/
		75	0	22.02	6	28.02	/
16QAM	LCH	1	0	22.31	6	28.31	/
		1	37	21.03	6	27.03	/
		1	74	21.1	6	27.1	/
		36	0	20.77	6	26.77	/
		36	20	20.14	6	26.14	/
		36	39	19.96	6	25.96	/
		75	0	20.53	6	26.53	/
	MCH	1	0	21.29	6	27.29	/
		1	37	21.08	6	27.08	/
		1	74	22.2	6	28.2	/
		36	0	19.95	6	25.95	/
		36	20	20.09	6	26.09	/
		36	39	20.71	6	26.71	/
		75	0	20.32	6	26.32	/
	HCH	1	0	22.69	6	28.69	/
		1	37	21.98	6	27.98	/
		1	74	20.89	6	26.89	/
		36	0	21.66	6	27.66	/
		36	20	21.18	6	27.18	/
		36	39	20.57	6	26.57	/
		75	0	21.15	6	27.15	/
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	22.23	6	28.23	/
		1	49	21.42	6	27.42	/
		1	99	20.93	6	26.93	/
		50	0	21.17	6	27.17	/
		50	24	20.59	6	26.59	/
		50	50	20.36	6	26.36	/
		100	0	20.84	6	26.84	/
	MCH	1	0	21.32	6	27.32	/
		1	49	21.69	6	27.69	/
		1	99	22.48	6	28.48	/
		50	0	20.52	6	26.52	/
		50	24	20.78	6	26.78	/
		50	50	21.47	6	27.47	/
		100	0	21.02	6	27.02	/
	HCH	1	0	21.98	6	27.98	/
		1	49	22.71	6	28.71	/
		1	99	20.48	6	26.48	/
		50	0	21.89	6	27.89	/
		50	24	21.93	6	27.93	/
		50	50	21.38	6	27.38	/
		100	0	21.71	6	27.71	/
16QAM	LCH	1	0	21.86	6	27.86	/
		1	49	20.62	6	26.62	/
		1	99	20.59	6	26.59	/
		50	0	20.41	6	26.41	/
		50	24	19.67	6	25.67	/
		50	50	19.48	6	25.48	/
		100	0	20.02	6	26.02	/
	MCH	1	0	21.39	6	27.39	/
		1	49	21.91	6	27.91	/
		1	99	21.93	6	27.93	/
		50	0	19.64	6	25.64	/
		50	24	19.81	6	25.81	/
		50	50	20.63	6	26.63	/
		100	0	20.13	6	26.13	/
	HCH	1	0	21.46	6	27.46	/
		1	49	22.06	6	28.06	/
		1	99	19.9	6	25.9	/
		50	0	21.05	6	27.05	/
		50	24	21.04	6	27.04	/
		50	50	20.54	6	26.54	/
		100	0	20.83	6	26.83	/
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 13, 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	21.97	-2.15	6	25.82	/
		1	12	22.1	-2.15	6	25.95	/
		1	24	21.77	-2.15	6	25.62	/
		12	0	21.5	-2.15	6	25.35	/
		12	7	21.41	-2.15	6	25.26	/
		12	13	21.22	-2.15	6	25.07	/
		25	0	21.44	-2.15	6	25.29	/
	MCH	1	0	21.96	-2.15	6	25.81	/
		1	12	22.04	-2.15	6	25.89	/
		1	24	22.04	-2.15	6	25.89	/
		12	0	21.2	-2.15	6	25.05	/
		12	7	21.29	-2.15	6	25.14	/
		12	13	21.31	-2.15	6	25.16	/
		25	0	21.24	-2.15	6	25.09	/
	HCH	1	0	21.62	-2.15	6	25.47	/
		1	12	22.12	-2.15	6	25.97	/
		1	24	21.62	-2.15	6	25.47	/
		12	0	21.26	-2.15	6	25.11	/
		12	7	21.49	-2.15	6	25.34	/
		12	13	21.21	-2.15	6	25.06	/
		25	0	21.23	-2.15	6	25.08	/
16QAM	LCH	1	0	21.32	-2.15	6	25.17	/
		1	12	21.47	-2.15	6	25.32	/
		1	24	21.13	-2.15	6	24.98	/
		12	0	20.62	-2.15	6	24.47	/
		12	7	20.5	-2.15	6	24.35	/
		12	13	20.29	-2.15	6	24.14	/
		25	0	20.51	-2.15	6	24.36	/
	MCH	1	0	21.15	-2.15	6	25	/
		1	12	21.36	-2.15	6	25.21	/
		1	24	21.26	-2.15	6	25.11	/
		12	0	20.3	-2.15	6	24.15	/
		12	7	20.36	-2.15	6	24.21	/
		12	13	20.36	-2.15	6	24.21	/
		25	0	20.29	-2.15	6	24.14	/
	HCH	1	0	20.95	-2.15	6	24.8	/
		1	12	21.14	-2.15	6	24.99	/
		1	24	20.84	-2.15	6	24.69	/
		12	0	20.36	-2.15	6	24.21	/
		12	7	20.59	-2.15	6	24.44	/
		12	13	20.35	-2.15	6	24.2	/
		25	0	20.29	-2.15	6	24.14	/
Conclusion: ERP limit for FCC is 30W(44.77dBm), so the test is pass								

LTE FDD Band 13, 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	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
	MCH	1	0	21.08	-2.15	6	24.93	/
		1	25	21.14	-2.15	6	24.99	/
		1	49	20.7	-2.15	6	24.55	/
		25	0	21.41	-2.15	6	25.26	/
		25	12	21.26	-2.15	6	25.11	/
		25	25	21.27	-2.15	6	25.12	/
		50	0	21.31	-2.15	6	25.16	/
	HCH	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
16QAM	LCH	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
	MCH	1	0	20.9	-2.15	6	24.75	/
		1	25	21.37	-2.15	6	25.22	/
		1	49	20.8	-2.15	6	24.65	/
		25	0	20.51	-2.15	6	24.36	/
		25	12	20.27	-2.15	6	24.12	/
		25	25	20.45	-2.15	6	24.3	/
		50	0	20.48	-2.15	6	24.33	/
	HCH	/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
		/	/	/	/	/	/	/
Conclusion: ERP limit for FCC is 30W(44.77dBm), so the test is pass								

Note:

1) ERP= EIRP-2.15

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