

Appendix -

E(I)RP Test Data and Result for report GZCR240600070102



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Guangzhou Branch / EMC Laboratory

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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Test Result- LTE CatM1 Band 2

Test Band: LTE CatM1 B2 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.42	21.34	21.34	/	0.93	22.35	22.27	22.27	33.01	PASS
		2	21.44	21.42	21.34	/	0.93	22.37	22.35	22.27	33.01	PASS
		5	21.45	21.34	21.45	/	0.93	22.38	22.27	22.38	33.01	PASS
	3	0	21.65	21.57	21.56	/	0.93	22.58	22.5	22.49	33.01	PASS
		2	21.51	21.52	21.51	/	0.93	22.44	22.45	22.44	33.01	PASS
		3	21.41	21.54	21.49	/	0.93	22.34	22.47	22.42	33.01	PASS
	6	0	21.52	21.51	21.56	/	0.93	22.45	22.44	22.49	33.01	PASS
16QAM	1	0	21.51	21.49	21.52	/	0.93	22.44	22.42	22.45	33.01	PASS
		2	21.45	21.41	21.46	/	0.93	22.38	22.34	22.39	33.01	PASS
		5	21.28	21.53	21.32	/	0.93	22.21	22.46	22.25	33.01	PASS
	3	0	21.36	21.21	21.21	/	0.93	22.29	22.14	22.14	33.01	PASS
		2	21.16	21.02	21.12	/	0.93	22.09	21.95	22.05	33.01	PASS
		3	21.15	21.12	21.22	/	0.93	22.08	22.05	22.15	33.01	PASS
	5	0	21.36	21.43	21.41	/	0.93	22.29	22.36	22.34	33.01	PASS

Test Band: LTE CatM1 B2 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.52	21.61	21.58	/	0.93	22.45	22.54	22.51	33.01	PASS
		2	21.53	21.63	21.56	/	0.93	22.46	22.56	22.49	33.01	PASS
		5	21.64	21.54	21.57	/	0.93	22.57	22.47	22.5	33.01	PASS
	3	0	21.51	21.57	21.65	/	0.93	22.44	22.5	22.58	33.01	PASS
		2	21.48	21.52	21.51	/	0.93	22.41	22.45	22.44	33.01	PASS
		3	21.41	21.54	21.49	/	0.93	22.34	22.47	22.42	33.01	PASS
	6	0	21.52	21.51	21.56	/	0.93	22.45	22.44	22.49	33.01	PASS
16QAM	1	0	21.51	21.49	21.52	/	0.93	22.44	22.42	22.45	33.01	PASS
		2	21.45	21.41	21.46	/	0.93	22.38	22.34	22.39	33.01	PASS
		5	21.28	21.53	21.32	/	0.93	22.21	22.46	22.25	33.01	PASS
	3	0	20.66	20.71	20.57	/	0.93	21.59	21.64	21.5	33.01	PASS
		2	20.83	20.96	20.57	/	0.93	21.76	21.89	21.5	33.01	PASS
		3	20.83	20.71	20.61	/	0.93	21.76	21.64	21.54	33.01	PASS
	5	0	20.99	21.01	20.9	/	0.93	21.92	21.94	21.83	33.01	PASS



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Test Band: LTE CatM1 B2 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.55	21.61	21.58	/	0.93	22.48	22.54	22.51	33.01	PASS
		2	21.52	21.62	21.56	/	0.93	22.45	22.55	22.49	33.01	PASS
		5	21.66	21.67	21.53	/	0.93	22.59	22.6	22.46	33.01	PASS
	3	0	21.45	21.46	21.52	/	0.93	22.38	22.39	22.45	33.01	PASS
		2	21.47	21.48	21.53	/	0.93	22.4	22.41	22.46	33.01	PASS
		3	21.53	21.52	21.69	/	0.93	22.46	22.45	22.62	33.01	PASS
	6	0	21.47	21.48	21.51	/	0.93	22.4	22.41	22.44	33.01	PASS
16QAM	1	0	21.42	21.46	21.32	/	0.93	22.35	22.39	22.25	33.01	PASS
		2	21.37	21.38	21.39	/	0.93	22.3	22.31	22.32	33.01	PASS
		5	21.45	21.42	21.52	/	0.93	22.38	22.35	22.45	33.01	PASS
	3	0	20.76	20.78	20.83	/	0.93	21.69	21.71	21.76	33.01	PASS
		2	20.91	20.73	20.86	/	0.93	21.84	21.66	21.79	33.01	PASS
		3	20.53	20.61	20.84	/	0.93	21.46	21.54	21.77	33.01	PASS
	5	0	20.91	20.83	20.87	/	0.93	21.84	21.76	21.8	33.01	PASS

Test Band: LTE CatM1 B2 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.57	21.63	21.58	/	0.93	22.5	22.56	22.51	33.01	PASS
		2	21.49	21.52	21.48	/	0.93	22.42	22.45	22.41	33.01	PASS
		5	21.61	21.58	21.33	/	0.93	22.54	22.51	22.26	33.01	PASS
	3	0	21.39	21.44	21.32	/	0.93	22.32	22.37	22.25	33.01	PASS
		2	21.38	21.36	21.33	/	0.93	22.31	22.29	22.26	33.01	PASS
		3	21.42	21.38	21.39	/	0.93	22.35	22.31	22.32	33.01	PASS
	6	0	21.36	21.35	21.31	/	0.93	22.29	22.28	22.24	33.01	PASS
16QAM	1	0	21.23	21.27	21.22	/	0.93	22.16	22.2	22.15	33.01	PASS
		2	21.21	21.18	21.16	/	0.93	22.14	22.11	22.09	33.01	PASS
		5	21.23	21.16	21.22	/	0.93	22.16	22.09	22.15	33.01	PASS
	3	0	20.71	20.92	20.73	/	0.93	21.64	21.85	21.66	33.01	PASS
		2	20.96	20.98	20.83	/	0.93	21.89	21.91	21.76	33.01	PASS
		3	20.71	20.71	20.84	/	0.93	21.64	21.64	21.77	33.01	PASS
	5	0	20.71	20.79	20.83	/	0.93	21.64	21.72	21.76	33.01	PASS



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Test Band: LTE CatM1 B2 _ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.78	21.78	21.68	/	0.93	22.71	22.71	22.61	33.01	PASS
		2	21.74	21.78	21.63	/	0.93	22.67	22.71	22.56	33.01	PASS
		5	21.74	21.74	21.67	/	0.93	22.67	22.67	22.6	33.01	PASS
	3	0	21.56	21.68	21.7	/	0.93	22.49	22.61	22.63	33.01	PASS
		2	21.67	21.66	21.63	/	0.93	22.6	22.59	22.56	33.01	PASS
		3	21.66	21.58	21.65	/	0.93	22.59	22.51	22.58	33.01	PASS
	6	0	21.67	21.77	21.74	/	0.93	22.6	22.7	22.67	33.01	PASS
16QAM	1	0	21.16	21.23	21.58	/	0.93	22.09	22.16	22.51	33.01	PASS
		2	21.72	21.71	21.53	/	0.93	22.65	22.64	22.46	33.01	PASS
		5	21.71	21.84	21.43	/	0.93	22.64	22.77	22.36	33.01	PASS
	3	0	20.7	20.74	20.46	/	0.93	21.63	21.67	21.39	33.01	PASS
		2	20.86	20.93	20.41	/	0.93	21.79	21.86	21.34	33.01	PASS
		3	20.86	20.7	20.53	/	0.93	21.79	21.63	21.46	33.01	PASS
	5	0	20.93	20.93	20.92	/	0.93	21.86	21.86	21.85	33.01	PASS

Test Band: LTE CatM1 B2 _ 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.92	21.95	21.91	/	0.93	22.85	22.88	22.84	33.01	PASS
		2	21.85	21.92	21.82	/	0.93	22.78	22.85	22.75	33.01	PASS
		5	21.83	21.86	21.97	/	0.93	22.76	22.79	22.9	33.01	PASS
	3	0	21.93	21.95	21.96	/	0.93	22.86	22.88	22.89	33.01	PASS
		2	21.88	21.94	21.97	/	0.93	22.81	22.87	22.9	33.01	PASS
		3	21.85	21.83	21.52	/	0.93	22.78	22.76	22.45	33.01	PASS
	6	0	21.93	21.93	21.94	/	0.93	22.86	22.86	22.87	33.01	PASS
16QAM	1	0	21.58	21.62	21.66	/	0.93	22.51	22.55	22.59	33.01	PASS
		2	21.43	21.37	21.56	/	0.93	22.36	22.3	22.49	33.01	PASS
		5	21.44	21.56	21.62	/	0.93	22.37	22.49	22.55	33.01	PASS
	3	0	21.51	21.48	21.61	/	0.93	22.44	22.41	22.54	33.01	PASS
		2	21.54	21.51	21.47	/	0.93	22.47	22.44	22.4	33.01	PASS
		3	21.48	21.44	21.32	/	0.93	22.41	22.37	22.25	33.01	PASS
	5	0	21.42	21.37	21.41	/	0.93	22.35	22.3	22.34	33.01	PASS

Note:

1) dBd = dBi - 2.15

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



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Test Result- LTE CatM1 Band 4

Test Band: LTE CatM1 B4 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.36	21.23	20.99	/	-0.8	20.56	20.43	20.19	30.00	PASS
		2	21.22	21.26	21.03	/	-0.8	20.42	20.46	20.23	30.00	PASS
		5	21.18	21.15	21.97	/	-0.8	20.38	20.35	21.17	30.00	PASS
	3	0	21.23	21.21	21.06	/	-0.8	20.43	20.41	20.26	30.00	PASS
		2	21.05	21.17	21.03	/	-0.8	20.25	20.37	20.23	30.00	PASS
		3	21.17	21.12	21.07	/	-0.8	20.37	20.32	20.27	30.00	PASS
	6	0	20.89	20.96	20.95	/	-0.8	20.09	20.16	20.15	30.00	PASS
16QAM	1	0	20.85	20.85	20.77	/	-0.8	20.05	20.05	19.97	30.00	PASS
		2	20.67	20.72	20.86	/	-0.8	19.87	19.92	20.06	30.00	PASS
		5	20.71	20.85	20.71	/	-0.8	19.91	20.05	19.91	30.00	PASS
	3	0	20.67	20.75	20.83	/	-0.8	19.87	19.95	20.03	30.00	PASS
		2	20.74	20.63	20.76	/	-0.8	19.94	19.83	19.96	30.00	PASS
		3	20.69	20.72	20.75	/	-0.8	19.89	19.92	19.95	30.00	PASS
	5	0	20.61	20.65	20.66	/	-0.8	19.81	19.85	19.86	30.00	PASS

Test Band: LTE CatM1 B4 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.99	21.05	20.98	/	-0.8	20.19	20.25	20.18	30.00	PASS
		2	21.03	21.06	20.98	/	-0.8	20.23	20.26	20.18	30.00	PASS
		5	21.97	21.04	21.98	/	-0.8	21.17	20.24	21.18	30.00	PASS
	3	0	21.06	21.19	21.06	/	-0.8	20.26	20.39	20.26	30.00	PASS
		2	20.94	20.98	21.03	/	-0.8	20.14	20.18	20.23	30.00	PASS
		3	21.04	20.91	20.95	/	-0.8	20.24	20.11	20.15	30.00	PASS
	6	0	20.81	20.87	20.85	/	-0.8	20.01	20.07	20.05	30.00	PASS
16QAM	1	0	20.77	20.79	20.82	/	-0.8	19.97	19.99	20.02	30.00	PASS
		2	20.69	20.77	20.75	/	-0.8	19.89	19.97	19.95	30.00	PASS
		5	20.69	20.75	20.63	/	-0.8	19.89	19.95	19.83	30.00	PASS
	3	0	20.71	20.77	20.78	/	-0.8	19.91	19.97	19.98	30.00	PASS
		2	20.67	20.67	20.69	/	-0.8	19.87	19.87	19.89	30.00	PASS
		3	20.64	20.68	20.64	/	-0.8	19.84	19.88	19.84	30.00	PASS
	5	0	20.61	20.73	20.67	/	-0.8	19.81	19.93	19.87	30.00	PASS



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Test Band: LTE CatM1 B4 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.87	21.05	20.99	/	-0.8	20.07	20.25	20.19	30.00	PASS
		2	21.03	21.06	21.03	/	-0.8	20.23	20.26	20.23	30.00	PASS
		5	21.07	21.04	21.07	/	-0.8	20.27	20.24	20.27	30.00	PASS
	3	0	21.09	21.19	21.06	/	-0.8	20.29	20.39	20.26	30.00	PASS
		2	20.94	20.98	21.03	/	-0.8	20.14	20.18	20.23	30.00	PASS
		3	21.04	20.91	20.95	/	-0.8	20.24	20.11	20.15	30.00	PASS
	6	0	20.92	20.96	20.94	/	-0.8	20.12	20.16	20.14	30.00	PASS
16QAM	1	0	20.77	20.79	20.82	/	-0.8	19.97	19.99	20.02	30.00	PASS
		2	20.69	20.77	20.75	/	-0.8	19.89	19.97	19.95	30.00	PASS
		5	20.69	20.75	20.63	/	-0.8	19.89	19.95	19.83	30.00	PASS
	3	0	20.71	20.77	20.78	/	-0.8	19.91	19.97	19.98	30.00	PASS
		2	20.67	20.67	20.69	/	-0.8	19.87	19.87	19.89	30.00	PASS
		3	20.64	20.68	20.64	/	-0.8	19.84	19.88	19.84	30.00	PASS
	5	0	20.61	20.73	20.67	/	-0.8	19.81	19.93	19.87	30.00	PASS

Test Band: LTE CatM1 B4 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.03	21.05	20.98	/	-0.8	20.23	20.25	20.18	30.00	PASS
		2	21.97	21.06	21.03	/	-0.8	21.17	20.26	20.23	30.00	PASS
		5	21.06	21.04	21.97	/	-0.8	20.26	20.24	21.17	30.00	PASS
	3	0	21.03	21.19	21.06	/	-0.8	20.23	20.39	20.26	30.00	PASS
		2	20.95	20.98	21.03	/	-0.8	20.15	20.18	20.23	30.00	PASS
		3	21.04	20.91	20.95	/	-0.8	20.24	20.11	20.15	30.00	PASS
	6	0	20.85	20.87	20.89	/	-0.8	20.05	20.07	20.09	30.00	PASS
16QAM	1	0	20.77	20.79	20.82	/	-0.8	19.97	19.99	20.02	30.00	PASS
		2	20.69	20.77	20.75	/	-0.8	19.89	19.97	19.95	30.00	PASS
		5	20.69	20.75	20.63	/	-0.8	19.89	19.95	19.83	30.00	PASS
	3	0	20.71	20.77	20.78	/	-0.8	19.91	19.97	19.98	30.00	PASS
		2	20.67	20.67	20.69	/	-0.8	19.87	19.87	19.89	30.00	PASS
		3	20.64	20.68	20.64	/	-0.8	19.84	19.88	19.84	30.00	PASS
	5	0	20.61	20.73	20.67	/	-0.8	19.81	19.93	19.87	30.00	PASS



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Test Band: LTE CatM1 B4 _ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.21	21.25	21.12	/	-0.8	20.41	20.45	20.32	30.00	PASS
		2	21.24	21.29	21.21	/	-0.8	20.44	20.49	20.41	30.00	PASS
		5	21.23	21.24	21.27	/	-0.8	20.43	20.44	20.47	30.00	PASS
	3	0	21.23	21.19	21.18	/	-0.8	20.43	20.39	20.38	30.00	PASS
		2	21.19	21.21	21.22	/	-0.8	20.39	20.41	20.42	30.00	PASS
		3	21.22	21.26	21.24	/	-0.8	20.42	20.46	20.44	30.00	PASS
	6	0	21.27	21.24	21.21	/	-0.8	20.47	20.44	20.41	30.00	PASS
16QAM	1	0	21.18	21.18	21.23	/	-0.8	20.38	20.38	20.43	30.00	PASS
		2	21.12	21.19	21.21	/	-0.8	20.32	20.39	20.41	30.00	PASS
		5	21.17	21.23	21.15	/	-0.8	20.37	20.43	20.35	30.00	PASS
	3	0	21.12	21.19	21.17	/	-0.8	20.32	20.39	20.37	30.00	PASS
		2	21.09	21.12	21.11	/	-0.8	20.29	20.32	20.31	30.00	PASS
		3	21.12	21.17	21.18	/	-0.8	20.32	20.37	20.38	30.00	PASS
	5	0	21.18	21.21	21.15	/	-0.8	20.38	20.41	20.35	30.00	PASS

Test Band: LTE CatM1 B4 _ 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.24	21.23	21.25	/	-0.8	20.44	20.43	20.45	30.00	PASS
		2	21.21	21.25	21.27	/	-0.8	20.41	20.45	20.47	30.00	PASS
		5	21.17	21.27	21.18	/	-0.8	20.37	20.47	20.38	30.00	PASS
	3	0	21.16	21.18	21.15	/	-0.8	20.36	20.38	20.35	30.00	PASS
		2	21.12	21.15	21.26	/	-0.8	20.32	20.35	20.46	30.00	PASS
		3	21.13	21.26	21.19	/	-0.8	20.33	20.46	20.39	30.00	PASS
	6	0	21.19	21.23	21.21	/	-0.8	20.39	20.43	20.41	30.00	PASS
16QAM	1	0	21.18	21.18	21.02	/	-0.8	20.38	20.38	20.22	30.00	PASS
		2	21.08	21.16	21.07	/	-0.8	20.28	20.36	20.27	30.00	PASS
		5	21.11	21.06	21.13	/	-0.8	20.31	20.26	20.33	30.00	PASS
	3	0	20.91	20.97	20.98	/	-0.8	20.11	20.17	20.18	30.00	PASS
		2	20.93	20.97	20.91	/	-0.8	20.13	20.17	20.11	30.00	PASS
		3	20.95	20.94	20.97	/	-0.8	20.15	20.14	20.17	30.00	PASS
	5	0	20.95	20.94	20.92	/	-0.8	20.15	20.14	20.12	30.00	PASS

Note:

1) dBd = dBi - 2.15

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



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Guangzhou Branch, EMC Laboratory

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Test Result-- LTE CatM1 Band 12

Test Band: LTE CatM1 B12 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.83	21.78	21.88	-3.15	-1	18.68	18.63	18.73	34.77	PASS
		2	21.76	21.9	21.81	-3.15	-1	18.61	18.75	18.66	34.77	PASS
		5	21.79	21.72	21.83	-3.15	-1	18.64	18.57	18.68	34.77	PASS
	3	0	21.71	21.78	21.87	-3.15	-1	18.56	18.63	18.72	34.77	PASS
		2	21.85	21.72	21.85	-3.15	-1	18.7	18.57	18.7	34.77	PASS
		3	21.21	21.03	21.21	-3.15	-1	18.06	17.88	18.06	34.77	PASS
16QAM	1	0	21.43	21.47	21.43	-3.15	-1	18.28	18.32	18.28	34.77	PASS
		2	21.65	21.69	21.77	-3.15	-1	18.5	18.54	18.62	34.77	PASS
		5	21.57	21.63	21.58	-3.15	-1	18.42	18.48	18.43	34.77	PASS
	3	0	21.56	21.38	21.51	-3.15	-1	18.41	18.23	18.36	34.77	PASS
		2	21.43	21.52	21.53	-3.15	-1	18.28	18.37	18.38	34.77	PASS
		2	21.28	21.03	21.28	-3.15	-1	18.13	17.88	18.13	34.77	PASS
	5	3	21.26	21.37	21.39	-3.15	-1	18.11	18.22	18.24	34.77	PASS
		0	21.35	21.29	21.32	-3.15	-1	18.2	18.14	18.17	34.77	PASS
		0	21.35	21.29	21.32	-3.15	-1	18.2	18.14	18.17	34.77	PASS

Test Band: LTE CatM1 B12 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.91	21.89	21.91	-3.15	-1	18.76	18.74	18.76	34.77	PASS
		2	21.93	21.88	21.88	-3.15	-1	18.78	18.73	18.73	34.77	PASS
		5	21.93	21.81	21.81	-3.15	-1	18.78	18.66	18.66	34.77	PASS
	3	0	21.88	21.83	21.83	-3.15	-1	18.73	18.68	18.68	34.77	PASS
		2	21.86	21.87	21.87	-3.15	-1	18.71	18.72	18.72	34.77	PASS
		3	21.85	21.82	21.85	-3.15	-1	18.7	18.67	18.7	34.77	PASS
16QAM	1	0	21.62	21.77	21.62	-3.15	-1	18.47	18.62	18.47	34.77	PASS
		2	21.61	21.69	21.61	-3.15	-1	18.46	18.54	18.46	34.77	PASS
		5	21.65	21.67	21.63	-3.15	-1	18.5	18.52	18.48	34.77	PASS
	3	0	21.57	21.61	21.59	-3.15	-1	18.42	18.46	18.44	34.77	PASS
		2	21.55	21.53	21.58	-3.15	-1	18.4	18.38	18.43	34.77	PASS
		2	21.54	21.57	21.56	-3.15	-1	18.39	18.42	18.41	34.77	PASS
	5	3	21.61	21.62	21.63	-3.15	-1	18.46	18.47	18.48	34.77	PASS
		0	21.44	21.58	21.62	-3.15	-1	18.29	18.43	18.47	34.77	PASS
		0	21.44	21.58	21.62	-3.15	-1	18.29	18.43	18.47	34.77	PASS



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Test Band: LTE CatM1 B12 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.59	21.67	21.63	-3.15	-1	18.44	18.52	18.48	34.77	PASS
		2	21.63	21.51	21.56	-3.15	-1	18.48	18.36	18.41	34.77	PASS
		5	21.58	21.63	21.51	-3.15	-1	18.43	18.48	18.36	34.77	PASS
	3	0	21.59	21.56	21.37	-3.15	-1	18.44	18.41	18.22	34.77	PASS
		2	21.44	21.51	21.44	-3.15	-1	18.29	18.36	18.29	34.77	PASS
		3	21.48	21.48	21.48	-3.15	-1	18.33	18.33	18.33	34.77	PASS
	6	0	21.35	21.37	21.35	-3.15	-1	18.2	18.22	18.2	34.77	PASS
16QAM	1	0	21.57	21.68	21.63	-3.15	-1	18.42	18.53	18.48	34.77	PASS
		2	21.59	21.58	21.61	-3.15	-1	18.44	18.43	18.46	34.77	PASS
		5	21.54	21.57	21.56	-3.15	-1	18.39	18.42	18.41	34.77	PASS
	3	0	21.37	21.22	21.39	-3.15	-1	18.22	18.07	18.24	34.77	PASS
		2	21.35	21.41	21.44	-3.15	-1	18.2	18.26	18.29	34.77	PASS
		3	21.47	21.47	21.45	-3.15	-1	18.32	18.32	18.3	34.77	PASS
	5	0	21.39	21.38	21.45	-3.15	-1	18.24	18.23	18.3	34.77	PASS

Test Band: LTE CatM1 B12 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.24	21.21	21.15	-3.15	-1	18.09	18.06	18	34.77	PASS
		2	21.29	21.18	21.14	-3.15	-1	18.14	18.03	17.99	34.77	PASS
		5	21.29	21.15	21.14	-3.15	-1	18.14	18	17.99	34.77	PASS
	3	0	21.21	21.14	21.19	-3.15	-1	18.06	17.99	18.04	34.77	PASS
		2	21.11	21.14	21.14	-3.15	-1	17.96	17.99	17.99	34.77	PASS
		3	21.13	21.19	21.13	-3.15	-1	17.98	18.04	17.98	34.77	PASS
	6	0	21.07	21.14	21.17	-3.15	-1	17.92	17.99	18.02	34.77	PASS
16QAM	1	0	21.15	21.15	21.18	-3.15	-1	18	18	18.03	34.77	PASS
		2	21.09	21.14	21.04	-3.15	-1	17.94	17.99	17.89	34.77	PASS
		5	21.13	21.08	21.01	-3.15	-1	17.98	17.93	17.86	34.77	PASS
	3	0	21.23	21.05	21.06	-3.15	-1	18.08	17.9	17.91	34.77	PASS
		2	21.02	21.05	21.02	-3.15	-1	17.87	17.9	17.87	34.77	PASS
		3	21.08	21.07	21.01	-3.15	-1	17.93	17.92	17.86	34.77	PASS
	5	0	21.03	20.99	21.03	-3.15	-1	17.88	17.84	17.88	34.77	PASS



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Test Result-- LTE CatM1 Band 13

Test Band: LTE CatM1 B13 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.21	21.37	21.56	-1.67	0.48	19.54	19.7	19.89	34.77	PASS
		2	21.18	21.35	21.39	-1.67	0.48	19.51	19.68	19.72	34.77	PASS
		5	21.15	21.47	21.44	-1.67	0.48	19.48	19.8	19.77	34.77	PASS
	3	0	21.15	21.56	21.45	-1.67	0.48	19.48	19.89	19.78	34.77	PASS
		2	21.11	21.21	21.16	-1.67	0.48	19.44	19.54	19.49	34.77	PASS
		3	21.14	21.19	21.13	-1.67	0.48	19.47	19.52	19.46	34.77	PASS
	6	0	21.06	21.14	21.09	-1.67	0.48	19.39	19.47	19.42	34.77	PASS
16QAM	1	0	21.57	21.68	21.63	-1.67	0.48	19.9	20.01	19.96	34.77	PASS
		2	21.59	21.58	21.61	-1.67	0.48	19.92	19.91	19.94	34.77	PASS
		5	21.54	21.57	21.56	-1.67	0.48	19.87	19.9	19.89	34.77	PASS
	3	0	21.37	21.22	21.39	-1.67	0.48	19.7	19.55	19.72	34.77	PASS
		2	21.35	21.41	21.44	-1.67	0.48	19.68	19.74	19.77	34.77	PASS
		3	21.47	21.47	21.45	-1.67	0.48	19.8	19.8	19.78	34.77	PASS
	5	0	21.39	21.38	21.45	-1.67	0.48	19.72	19.71	19.78	34.77	PASS

Test Band: LTE CatM1 B13 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		ERP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	/	21.21	/	-1.67	0.48	/	19.54	/	34.77	PASS
		2	/	21.18	/	-1.67	0.48	/	19.51	/	34.77	PASS
		5	/	21.15	/	-1.67	0.48	/	19.48	/	34.77	PASS
	3	0	/	21.14	/	-1.67	0.48	/	19.47	/	34.77	PASS
		2	/	21.14	/	-1.67	0.48	/	19.47	/	34.77	PASS
		3	/	21.19	/	-1.67	0.48	/	19.52	/	34.77	PASS
	6	0	/	21.14	/	-1.67	0.48	/	19.47	/	34.77	PASS
16QAM	1	0	/	21.15	/	-1.67	0.48	/	19.48	/	34.77	PASS
		2	/	21.14	/	-1.67	0.48	/	19.47	/	34.77	PASS
		5	/	21.08	/	-1.67	0.48	/	19.41	/	34.77	PASS
	3	0	/	21.05	/	-1.67	0.48	/	19.38	/	34.77	PASS
		2	/	21.05	/	-1.67	0.48	/	19.38	/	34.77	PASS
		3	/	21.07	/	-1.67	0.48	/	19.4	/	34.77	PASS
	5	0	/	20.99	/	-1.67	0.48	/	19.32	/	34.77	PASS

Note:

1) dBd = dBi - 2.15

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

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



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Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

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Test Result-- LTE CatM1 Band 25

Test Band: LTE CatM1 B25 _ 1.4MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.26	21.23	21.28	/	0.93	22.19	22.16	22.21	33.01	PASS
		2	21.22	21.26	21.22	/	0.93	22.15	22.19	22.15	33.01	PASS
		5	21.18	21.15	21.18	/	0.93	22.11	22.08	22.11	33.01	PASS
	3	0	21.23	21.21	21.23	/	0.93	22.16	22.14	22.16	33.01	PASS
		2	21.05	21.17	21.05	/	0.93	21.98	22.1	21.98	33.01	PASS
		3	21.07	21.12	21.07	/	0.93	22	22.05	22	33.01	PASS
	6	0	20.95	20.96	20.95	/	0.93	21.88	21.89	21.88	33.01	PASS
16QAM	1	0	20.77	20.85	20.77	/	0.93	21.7	21.78	21.7	33.01	PASS
		2	20.67	20.72	20.86	/	0.93	21.6	21.65	21.79	33.01	PASS
		5	20.71	20.85	20.71	/	0.93	21.64	21.78	21.64	33.01	PASS
	3	0	20.67	20.75	20.83	/	0.93	21.6	21.68	21.76	33.01	PASS
		2	20.74	20.63	20.76	/	0.93	21.67	21.56	21.69	33.01	PASS
		3	20.69	20.72	20.75	/	0.93	21.62	21.65	21.68	33.01	PASS
	5	0	20.61	20.65	20.66	/	0.93	21.54	21.58	21.59	33.01	PASS

Test Band: LTE CatM1 B25 _ 3MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	20.99	21.05	21.06	/	0.93	21.92	21.98	21.99	33.01	PASS
		2	21.03	21.06	21.04	/	0.93	21.96	21.99	21.97	33.01	PASS
		5	21.97	21.04	21.19	/	0.93	22.9	21.97	22.12	33.01	PASS
	3	0	21.06	21.19	20.98	/	0.93	21.99	22.12	21.91	33.01	PASS
		2	21.03	20.98	20.91	/	0.93	21.96	21.91	21.84	33.01	PASS
		3	20.95	20.91	20.87	/	0.93	21.88	21.84	21.8	33.01	PASS
	6	0	20.85	20.87	20.85	/	0.93	21.78	21.8	21.78	33.01	PASS
16QAM	1	0	20.82	20.79	20.82	/	0.93	21.75	21.72	21.75	33.01	PASS
		2	20.69	20.77	20.75	/	0.93	21.62	21.7	21.68	33.01	PASS
		5	20.69	20.75	20.63	/	0.93	21.62	21.68	21.56	33.01	PASS
	3	0	20.71	20.77	20.78	/	0.93	21.64	21.7	21.71	33.01	PASS
		2	20.67	20.67	20.69	/	0.93	21.6	21.6	21.62	33.01	PASS
		3	20.64	20.68	20.64	/	0.93	21.57	21.61	21.57	33.01	PASS
	5	0	20.61	20.73	20.67	/	0.93	21.54	21.66	21.6	33.01	PASS



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Test Band: LTE CatM1 B25 _ 5MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.01	21.05	21.06	/	0.93	21.94	21.98	21.99	33.01	PASS
		2	21.14	21.06	21.04	/	0.93	22.07	21.99	21.97	33.01	PASS
		5	21.03	21.04	21.19	/	0.93	21.96	21.97	22.12	33.01	PASS
	3	0	21.09	21.19	20.98	/	0.93	22.02	22.12	21.91	33.01	PASS
		2	20.94	20.98	20.91	/	0.93	21.87	21.91	21.84	33.01	PASS
		3	21.04	20.91	20.96	/	0.93	21.97	21.84	21.89	33.01	PASS
	6	0	20.92	20.96	20.94	/	0.93	21.85	21.89	21.87	33.01	PASS
16QAM	1	0	20.77	20.79	20.82	/	0.93	21.7	21.72	21.75	33.01	PASS
		2	20.69	20.77	20.75	/	0.93	21.62	21.7	21.68	33.01	PASS
		5	20.69	20.75	20.63	/	0.93	21.62	21.68	21.56	33.01	PASS
	3	0	20.71	20.77	20.78	/	0.93	21.64	21.7	21.71	33.01	PASS
		2	20.67	20.67	20.69	/	0.93	21.6	21.6	21.62	33.01	PASS
		3	20.64	20.68	20.64	/	0.93	21.57	21.61	21.57	33.01	PASS
	5	0	20.61	20.73	20.67	/	0.93	21.54	21.66	21.6	33.01	PASS

Test Band: LTE CatM1 B25 _ 10MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.03	21.05	21.04	/	0.93	21.96	21.98	21.97	33.01	PASS
		2	21.97	21.06	21.03	/	0.93	22.9	21.99	21.96	33.01	PASS
		5	21.06	21.04	21.97	/	0.93	21.99	21.97	22.9	33.01	PASS
	3	0	20.98	21.19	21.06	/	0.93	21.91	22.12	21.99	33.01	PASS
		2	20.91	20.98	21.03	/	0.93	21.84	21.91	21.96	33.01	PASS
		3	21.04	20.91	20.95	/	0.93	21.97	21.84	21.88	33.01	PASS
	6	0	20.85	20.87	20.89	/	0.93	21.78	21.8	21.82	33.01	PASS
16QAM	1	0	20.77	20.79	20.82	/	0.93	21.7	21.72	21.75	33.01	PASS
		2	20.69	20.77	20.75	/	0.93	21.62	21.7	21.68	33.01	PASS
		5	20.69	20.75	20.63	/	0.93	21.62	21.68	21.56	33.01	PASS
	3	0	20.71	20.77	20.78	/	0.93	21.64	21.7	21.71	33.01	PASS
		2	20.67	20.67	20.69	/	0.93	21.6	21.6	21.62	33.01	PASS
		3	20.64	20.68	20.64	/	0.93	21.57	21.61	21.57	33.01	PASS
	5	0	20.61	20.73	20.67	/	0.93	21.54	21.66	21.6	33.01	PASS



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Test Band: LTE CatM1 B25 _ 15MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.25	21.25	21.24	/	0.93	22.18	22.18	22.17	33.01	PASS
		2	21.12	21.16	21.19	/	0.93	22.05	22.09	22.12	33.01	PASS
		5	21.27	21.19	21.21	/	0.93	22.2	22.12	22.14	33.01	PASS
	3	0	21.18	21.19	21.26	/	0.93	22.11	22.12	22.19	33.01	PASS
		2	21.22	21.21	21.22	/	0.93	22.15	22.14	22.15	33.01	PASS
		3	21.24	21.26	21.24	/	0.93	22.17	22.19	22.17	33.01	PASS
	6	0	21.21	21.24	21.21	/	0.93	22.14	22.17	22.14	33.01	PASS
16QAM	1	0	21.18	21.18	21.23	/	0.93	22.11	22.11	22.16	33.01	PASS
		2	21.12	21.19	21.21	/	0.93	22.05	22.12	22.14	33.01	PASS
		5	21.17	21.23	21.15	/	0.93	22.1	22.16	22.08	33.01	PASS
	3	0	21.12	21.19	21.17	/	0.93	22.05	22.12	22.1	33.01	PASS
		2	21.09	21.12	21.11	/	0.93	22.02	22.05	22.04	33.01	PASS
		3	21.12	21.17	21.18	/	0.93	22.05	22.1	22.11	33.01	PASS
	5	0	21.18	21.21	21.15	/	0.93	22.11	22.14	22.08	33.01	PASS

Test Band: LTE CatM1 B25 _ 20MHz Bandwidth												
Modulation	RB Allocation		Conducted Power (dBm)			Antenna gain		EIRP(dBm)			Limit (dBm)	Verdict
	Size	Offset	LCH	MCH	HCH	(dBd)	(dBi)	LCH	MCH	HCH		
QPSK	1	0	21.09	21.23	21.27	/	0.93	22.02	22.16	22.2	33.01	PASS
		2	21.01	21.25	21.18	/	0.93	21.94	22.18	22.11	33.01	PASS
		5	21.21	21.27	21.15	/	0.93	22.14	22.2	22.08	33.01	PASS
	3	0	21.26	21.18	21.26	/	0.93	22.19	22.11	22.19	33.01	PASS
		2	21.08	21.15	21.23	/	0.93	22.01	22.08	22.16	33.01	PASS
		3	21.13	21.26	21.19	/	0.93	22.06	22.19	22.12	33.01	PASS
	6	0	21.19	21.23	21.21	/	0.93	22.12	22.16	22.14	33.01	PASS
16QAM	1	0	21.18	21.18	21.02	/	0.93	22.11	22.11	21.95	33.01	PASS
		2	21.08	21.16	21.07	/	0.93	22.01	22.09	22	33.01	PASS
		5	21.11	21.06	21.13	/	0.93	22.04	21.99	22.06	33.01	PASS
	3	0	20.91	20.97	20.98	/	0.93	21.84	21.9	21.91	33.01	PASS
		2	20.93	20.97	20.91	/	0.93	21.86	21.9	21.84	33.01	PASS
		3	20.95	20.94	20.97	/	0.93	21.88	21.87	21.9	33.01	PASS
	5	0	20.95	20.94	20.92	/	0.93	21.88	21.87	21.85	33.01	PASS

Note:

1) dBd = dBi - 2.15

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

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

- End of the Appendix -



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