

Appendix -

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
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 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 3 of 13

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgsgroup.com.cn
Guangzhou Branch, EMC Laboratory, 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 sgs.china@sgs.com

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)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
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 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 6 of 13

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
Guangzhou Branch, EMC Laboratory, 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 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 7 of 13

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)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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

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
	6	0	21.43	21.47	21.43	-3.15	-1	18.28	18.32	18.28	34.77	PASS
16QAM	1	0	21.65	21.69	21.77	-3.15	-1	18.5	18.54	18.62	34.77	PASS
		2	21.57	21.63	21.58	-3.15	-1	18.42	18.48	18.43	34.77	PASS
		5	21.56	21.38	21.51	-3.15	-1	18.41	18.23	18.36	34.77	PASS
	3	0	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
		3	21.26	21.37	21.39	-3.15	-1	18.11	18.22	18.24	34.77	PASS
	5	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
	6	0	21.62	21.77	21.62	-3.15	-1	18.47	18.62	18.47	34.77	PASS
16QAM	1	0	21.61	21.69	21.61	-3.15	-1	18.46	18.54	18.46	34.77	PASS
		2	21.65	21.67	21.63	-3.15	-1	18.5	18.52	18.48	34.77	PASS
		5	21.57	21.61	21.59	-3.15	-1	18.42	18.46	18.44	34.77	PASS
	3	0	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
		3	21.61	21.62	21.63	-3.15	-1	18.46	18.47	18.48	34.77	PASS
	5	0	21.44	21.58	21.62	-3.15	-1	18.29	18.43	18.47	34.77	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
Guangzhou Branch, EMC Laboratory, 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 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 9 of 13

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
Guangzhou Branch, EMC Laboratory, 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 sgs.china@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 10 of 13

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)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

Page: 11 of 13

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 t (86-20) 82155555 www.sgs.com.cn
Guangzhou Branch, EMC Laboratory, 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 sgs.china@sgs.com

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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

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 -



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
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