1 of 123 Page:

Appendix B

E-UTRA Band 48



Page: 2 of 123

CONTENT

1	EFF	ECTIVE (ISOTROPIC) RADIATED POWER	3
1	.1.	TEST RESULT	3
2.	PEA	AK-TO-AVERAGE RATIO (CCDF)	11
2	.1.	TEST RESULT	11
2	.2.	TEST PLOTS	11
3.	мо	DULATION CHARACTERISTICS	20
3	.1.	TEST MODE = LTE /TM1 20MHz	20
3	.1.1.	TEST CHANNEL = MCH	20
3	.2.	TEST MODE = LTE /TM2 20MHz	21
3	.2.1.	TEST CHANNEL = MCH	21
3	.3.	TEST MODE = LTE /TM3 20MHz	22
3	.3.1.	TEST CHANNEL = MCH	22
4.	26D	DB BANDWIDTH AND OCCUPIED BANDWIDTH	23
4	.1.	TEST RESULT	23
4	.2.	TEST PLOTS	25
5.	BAN	ND EDGE COMPLIANCE	61
5	.1.	TEST PLOTS	61
6.	SPU	JRIOUS EMISSION AT ANTENNA TERMINAL	109
6	.1.	TEST PLOTS	109
7.	FIEL	LD STRENGTH OF SPURIOUS RADIATION	118
7	.1.	TEST MODE =LTE/TM1 20MHz	118
7	.1.1.	TEST CHANNEL = LCH	118
7	.1.2.	TEST CHANNEL = MCH	118
7	.1.3.	TEST CHANNEL = HCH	119
8.	FRE	QUENCY STABILITY	120
8	.1.	Frequency Vs Voltage	120
8	.2.	Frequency Vs Temperature	121



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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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 document. 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国 · 深圳 · 科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Page: 3 of 123

Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB	Conducted	EIRP	Verdict
Dana	Danawian	Wiodalation	Onamo	Configuration	Power(dBm)	(dBm)	Voraiot
Band48	5MHz	QPSK	55265	1RB#0	22.04	23.04	PASS
Band48	5MHz	QPSK	55265	1RB#12	22.15	23.15	PASS
Band48	5MHz	QPSK	55265	1RB#24	22.21	23.21	PASS
Band48	5MHz	QPSK	55265	12RB#6	21.93	22.93	PASS
Band48	5MHz	QPSK	55265	12RB#0	21.56	22.56	PASS
Band48	5MHz	QPSK	55265	12RB#13	22.23	23.23	PASS
Band48	5MHz	QPSK	55265	25RB#0	21.79	22.79	PASS
Band48	5MHz	QPSK	55990	1RB#24	22.22	23.22	PASS
Band48	5MHz	QPSK	55990	1RB#0	22.24	23.24	PASS
Band48	5MHz	QPSK	55990	1RB#12	22.31	23.31	PASS
Band48	5MHz	QPSK	55990	12RB#0	21.47	22.47	PASS
Band48	5MHz	QPSK	55990	12RB#6	21.56	22.56	PASS
Band48	5MHz	QPSK	55990	12RB#13	21.64	22.64	PASS
Band48	5MHz	QPSK	55990	25RB#0	21.43	22.43	PASS
Band48	5MHz	QPSK	56715	1RB#12	22.18	23.18	PASS
Band48	5MHz	QPSK	56715	1RB#0	22.28	23.28	PASS
Band48	5MHz	QPSK	56715	1RB#24	22.37	23.37	PASS
Band48	5MHz	QPSK	56715	12RB#13	22.24	23.24	PASS
Band48	5MHz	QPSK	56715	12RB#6	21.58	22.58	PASS
Band48	5MHz	QPSK	56715	12RB#0	21.52	22.52	PASS
Band48	5MHz	QPSK	56715	25RB#0	22.25	23.25	PASS
Band48	5MHz	64QAM	55265	1RB#0	20.37	21.37	PASS
Band48	5MHz	64QAM	55265	1RB#24	20.28	21.28	PASS
Band48	5MHz	64QAM	55265	1RB#12	20.32	21.32	PASS
Band48	5MHz	64QAM	55265	12RB#0	20.38	21.38	PASS
Band48	5MHz	64QAM	55265	12RB#6	20.60	21.6	PASS
Band48	5MHz	64QAM	55265	12RB#13	20.44	21.44	PASS
Band48	5MHz	64QAM	55265	25RB#0	20.50	21.5	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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 document. 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

4 of 123 Page:

Band48	5MHz	64QAM	55990	1RB#0	20.37	21.37	PASS
Band48	5MHz	64QAM	55990	1RB#12	20.70	21.7	PASS
Band48	5MHz	64QAM	55990	1RB#24	20.35	21.35	PASS
Band48	5MHz	64QAM	55990	12RB#13	20.31	21.31	PASS
Band48	5MHz	64QAM	55990	12RB#6	20.54	21.54	PASS
Band48	5MHz	64QAM	55990	12RB#0	20.38	21.38	PASS
Band48	5MHz	64QAM	55990	25RB#0	20.42	21.42	PASS
Band48	5MHz	64QAM	56715	1RB#0	20.34	21.34	PASS
Band48	5MHz	64QAM	56715	1RB#12	20.42	21.42	PASS
Band48	5MHz	64QAM	56715	1RB#24	20.32	21.32	PASS
Band48	5MHz	64QAM	56715	12RB#0	20.65	21.65	PASS
Band48	5MHz	64QAM	56715	12RB#6	20.33	21.33	PASS
Band48	5MHz	64QAM	56715	12RB#13	20.31	21.31	PASS
Band48	5MHz	64QAM	56715	25RB#0	20.49	21.49	PASS
Band48	5MHz	16QAM	55265	1RB#0	21.59	22.59	PASS
Band48	5MHz	16QAM	55265	1RB#24	21.45	22.45	PASS
Band48	5MHz	16QAM	55265	1RB#12	21.67	22.67	PASS
Band48	5MHz	16QAM	55265	12RB#13	20.76	21.76	PASS
Band48	5MHz	16QAM	55265	12RB#6	20.64	21.64	PASS
Band48	5MHz	16QAM	55265	12RB#0	20.60	21.6	PASS
Band48	5MHz	16QAM	55265	25RB#0	20.77	21.77	PASS
Band48	5MHz	16QAM	55990	1RB#0	21.85	22.85	PASS
Band48	5MHz	16QAM	55990	1RB#12	21.56	22.56	PASS
Band48	5MHz	16QAM	55990	1RB#24	21.30	22.3	PASS
Band48	5MHz	16QAM	55990	12RB#0	20.43	21.43	PASS
Band48	5MHz	16QAM	55990	12RB#6	20.75	21.75	PASS
Band48	5MHz	16QAM	55990	12RB#13	20.87	21.87	PASS
Band48	5MHz	16QAM	55990	25RB#0	20.52	21.52	PASS
Band48	5MHz	16QAM	56715	1RB#0	21.37	22.37	PASS
Band48	5MHz	16QAM	56715	1RB#24	21.64	22.64	PASS
Band48	5MHz	16QAM	56715	1RB#12	21.48	22.48	PASS
Band48	5MHz	16QAM	56715	12RB#0	20.79	21.79	PASS
Band48	5MHz	16QAM	56715	12RB#6	20.43	21.43	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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

5 of 123 Page:

		I	1	ı	ı	ı	1
Band48	5MHz	16QAM	56715	12RB#13	20.55	21.55	PASS
Band48	5MHz	16QAM	56715	25RB#0	20.80	21.8	PASS
Band48	10MHz	QPSK	55290	1RB#49	22.34	23.34	PASS
Band48	10MHz	QPSK	55290	1RB#24	22.38	23.38	PASS
Band48	10MHz	QPSK	55290	1RB#0	22.35	23.35	PASS
Band48	10MHz	QPSK	55290	25RB#12	21.76	22.76	PASS
Band48	10MHz	QPSK	55290	25RB#0	21.67	22.67	PASS
Band48	10MHz	QPSK	55290	25RB#25	22.17	23.17	PASS
Band48	10MHz	QPSK	55290	50RB#0	21.81	22.81	PASS
Band48	10MHz	QPSK	55990	1RB#24	22.18	23.18	PASS
Band48	10MHz	QPSK	55990	1RB#49	22.31	23.31	PASS
Band48	10MHz	QPSK	55990	1RB#0	22.20	23.2	PASS
Band48	10MHz	QPSK	55990	25RB#25	21.46	22.46	PASS
Band48	10MHz	QPSK	55990	25RB#0	21.58	22.58	PASS
Band48	10MHz	QPSK	55990	25RB#12	21.76	22.76	PASS
Band48	10MHz	QPSK	55990	50RB#0	21.50	22.5	PASS
Band48	10MHz	QPSK	56690	1RB#49	22.19	23.19	PASS
Band48	10MHz	QPSK	56690	1RB#24	22.35	23.35	PASS
Band48	10MHz	QPSK	56690	1RB#0	22.27	23.27	PASS
Band48	10MHz	QPSK	56690	25RB#25	21.56	22.56	PASS
Band48	10MHz	QPSK	56690	25RB#0	21.51	22.51	PASS
Band48	10MHz	QPSK	56690	25RB#12	21.44	22.44	PASS
Band48	10MHz	QPSK	56690	50RB#0	21.43	22.43	PASS
Band48	10MHz	64QAM	55290	1RB#24	20.29	21.29	PASS
Band48	10MHz	64QAM	55290	1RB#49	20.39	21.39	PASS
Band48	10MHz	64QAM	55290	1RB#0	20.37	21.37	PASS
Band48	10MHz	64QAM	55290	25RB#0	20.39	21.39	PASS
Band48	10MHz	64QAM	55290	25RB#12	20.53	21.53	PASS
Band48	10MHz	64QAM	55290	25RB#25	20.39	21.39	PASS
Band48	10MHz	64QAM	55290	50RB#0	20.42	21.42	PASS
Band48	10MHz	64QAM	55990	1RB#49	20.42	21.42	PASS
Band48	10MHz	64QAM	55990	1RB#0	20.60	21.6	PASS
Band48	10MHz	64QAM	55990	1RB#24	20.35	21.35	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 Cilent'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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

6 of 123 Page:

Band48	10MHz	64QAM	55990	25RB#0	20.33	21.33	PASS
Band48	10MHz	64QAM	55990	25RB#12	20.43	21.43	PASS
Band48	10MHz	64QAM	55990	25RB#25	20.39	21.39	PASS
Band48	10MHz	64QAM	55990	50RB#0	20.30	21.3	PASS
Band48	10MHz	64QAM	56690	1RB#0	20.35	21.35	PASS
Band48	10MHz	64QAM	56690	1RB#49	20.37	21.37	PASS
Band48	10MHz	64QAM	56690	1RB#24	20.37	21.24	PASS
Band48	10MHz	64QAM	56690	25RB#25	20.24	21.56	PASS
Band48	10MHz	64QAM	56690	25RB#25 25RB#0	20.36	21.24	PASS
	10MHz	64QAM					
Band48			56690	25RB#12	20.44	21.44	PASS
Band48	10MHz	64QAM	56690	50RB#0	20.38	21.38	PASS
Band48	10MHz	16QAM	55290	1RB#0	21.50	22.5	PASS
Band48	10MHz	16QAM	55290	1RB#24	21.55	22.55	PASS
Band48	10MHz	16QAM	55290	1RB#49	21.58	22.58	PASS
Band48	10MHz	16QAM	55290	25RB#12	20.85	21.85	PASS
Band48	10MHz	16QAM	55290	25RB#0	20.60	21.6	PASS
Band48	10MHz	16QAM	55290	25RB#25	20.59	21.59	PASS
Band48	10MHz	16QAM	55290	50RB#0	20.90	21.9	PASS
Band48	10MHz	16QAM	55990	1RB#0	21.94	22.94	PASS
Band48	10MHz	16QAM	55990	1RB#49	21.52	22.52	PASS
Band48	10MHz	16QAM	55990	1RB#24	21.42	22.42	PASS
Band48	10MHz	16QAM	55990	25RB#0	20.33	21.33	PASS
Band48	10MHz	16QAM	55990	25RB#25	20.70	21.7	PASS
Band48	10MHz	16QAM	55990	25RB#12	20.89	21.89	PASS
Band48	10MHz	16QAM	55990	50RB#0	20.63	21.63	PASS
Band48	10MHz	16QAM	56690	1RB#0	21.36	22.36	PASS
Band48	10MHz	16QAM	56690	1RB#49	21.71	22.71	PASS
Band48	10MHz	16QAM	56690	1RB#24	21.38	22.38	PASS
Band48	10MHz	16QAM	56690	25RB#0	20.78	21.78	PASS
Band48	10MHz	16QAM	56690	25RB#12	20.50	21.5	PASS
Band48	10MHz	16QAM	56690	25RB#25	20.47	21.47	PASS
Band48	10MHz	16QAM	56690	50RB#0	20.80	21.8	PASS
Band48	15MHz	QPSK	55315	1RB#74	22.35	23.35	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 Cilent'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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

7 of 123 Page:

			1		1	Τ	T
Band48	15MHz	QPSK	55315	1RB#38	22.40	23.4	PASS
Band48	15MHz	QPSK	55315	1RB#0	22.28	23.28	PASS
Band48	15MHz	QPSK	55315	36RB#39	21.74	22.74	PASS
Band48	15MHz	QPSK	55315	36RB#18	21.56	22.56	PASS
Band48	15MHz	QPSK	55315	36RB#0	22.25	23.25	PASS
Band48	15MHz	QPSK	55315	75RB#0	21.75	22.75	PASS
Band48	15MHz	QPSK	55990	1RB#0	22.27	23.27	PASS
Band48	15MHz	QPSK	55990	1RB#38	22.41	23.41	PASS
Band48	15MHz	QPSK	55990	1RB#74	22.16	23.16	PASS
Band48	15MHz	QPSK	55990	36RB#0	21.42	22.42	PASS
Band48	15MHz	QPSK	55990	36RB#18	21.68	22.68	PASS
Band48	15MHz	QPSK	55990	36RB#39	21.87	22.87	PASS
Band48	15MHz	QPSK	55990	75RB#0	21.58	22.58	PASS
Band48	15MHz	QPSK	56665	1RB#0	22.31	23.31	PASS
Band48	15MHz	QPSK	56665	1RB#38	22.37	23.37	PASS
Band48	15MHz	QPSK	56665	1RB#74	22.38	23.38	PASS
Band48	15MHz	QPSK	56665	36RB#0	21.44	22.44	PASS
Band48	15MHz	QPSK	56665	36RB#18	21.63	22.63	PASS
Band48	15MHz	QPSK	56665	36RB#39	21.37	22.37	PASS
Band48	15MHz	QPSK	56665	75RB#0	21.41	22.41	PASS
Band48	15MHz	64QAM	55315	1RB#74	20.42	21.42	PASS
Band48	15MHz	64QAM	55315	1RB#38	20.36	21.36	PASS
Band48	15MHz	64QAM	55315	1RB#0	20.27	21.27	PASS
Band48	15MHz	64QAM	55315	36RB#0	20.31	21.31	PASS
Band48	15MHz	64QAM	55315	36RB#18	20.54	21.54	PASS
Band48	15MHz	64QAM	55315	36RB#39	20.33	21.33	PASS
Band48	15MHz	64QAM	55315	75RB#0	20.42	21.42	PASS
Band48	15MHz	64QAM	55990	1RB#38	20.34	21.34	PASS
Band48	15MHz	64QAM	55990	1RB#74	20.52	21.52	PASS
Band48	15MHz	64QAM	55990	1RB#0	20.72	21.72	PASS
Band48	15MHz	64QAM	55990	36RB#39	20.26	21.26	PASS
Band48	15MHz	64QAM	55990	36RB#0	20.41	21.41	PASS
Band48	15MHz	64QAM	55990	36RB#18	20.44	21.44	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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

8 of 123 Page:

Band48	15MHz	64QAM	55990	75RB#0	20.38	21.38	PASS
Band48	15MHz	64QAM	56665	1RB#0	20.36	21.36	PASS
Band48		64QAM				21.35	PASS
	15MHz		56665	1RB#38	20.35		
Band48	15MHz	64QAM	56665	1RB#74	20.37	21.37	PASS
Band48	15MHz	64QAM	56665	36RB#18	20.62	21.62	PASS
Band48	15MHz	64QAM	56665	36RB#0	20.28	21.28	PASS
Band48	15MHz	64QAM	56665	36RB#39	20.33	21.33	PASS
Band48	15MHz	64QAM	56665	75RB#0	20.44	21.44	PASS
Band48	15MHz	16QAM	55315	1RB#38	21.49	22.49	PASS
Band48	15MHz	16QAM	55315	1RB#0	21.60	22.6	PASS
Band48	15MHz	16QAM	55315	1RB#74	21.58	22.58	PASS
Band48	15MHz	16QAM	55315	36RB#0	20.80	21.8	PASS
Band48	15MHz	16QAM	55315	36RB#39	20.60	21.6	PASS
Band48	15MHz	16QAM	55315	36RB#18	20.49	21.49	PASS
Band48	15MHz	16QAM	55315	75RB#0	20.78	21.78	PASS
Band48	15MHz	16QAM	55990	1RB#38	21.89	22.89	PASS
Band48	15MHz	16QAM	55990	1RB#74	21.50	22.5	PASS
Band48	15MHz	16QAM	55990	1RB#0	21.40	22.4	PASS
Band48	15MHz	16QAM	55990	36RB#0	20.40	21.4	PASS
Band48	15MHz	16QAM	55990	36RB#18	20.82	21.82	PASS
Band48	15MHz	16QAM	55990	36RB#39	20.71	21.71	PASS
Band48	15MHz	16QAM	55990	75RB#0	20.68	21.68	PASS
Band48	15MHz	16QAM	56665	1RB#0	21.39	22.39	PASS
Band48	15MHz	16QAM	56665	1RB#38	21.60	22.6	PASS
Band48	15MHz	16QAM	56665	1RB#74	21.61	22.61	PASS
Band48	15MHz	16QAM	56665	36RB#0	20.86	21.86	PASS
Band48	15MHz	16QAM	56665	36RB#18	20.61	21.61	PASS
Band48	15MHz	16QAM	56665	36RB#39	20.52	21.52	PASS
Band48	15MHz	16QAM	56665	75RB#0	20.57	21.57	PASS
Band48	20MHz	QPSK	55340	1RB#0	22.35	23.35	PASS
Band48	20MHz	QPSK	55340	1RB#49	22.32	23.32	PASS
Band48	20MHz	QPSK	55340	1RB#99	22.30	23.3	PASS
Band48	20MHz	QPSK	55340	50RB#25	21.66	22.66	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 Cilent'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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

9 of 123 Page:

Band48	20MHz	QPSK	55340	50RB#0	21.54	22.54	PASS
Band48	20MHz	QPSK	55340	50RB#50	22.23	23.23	PASS
Band48	20MHz	QPSK	55340	100RB#0	21.76	22.76	PASS
Band48	20MHz	QPSK	55990	1RB#99	22.35	23.35	PASS
Band48	20MHz	QPSK	55990	1RB#0	22.33	23.33	PASS
Band48	20MHz	QPSK	55990	1RB#49	22.23	23.23	PASS
Band48	20MHz	QPSK	55990	50RB#0	21.39	22.39	PASS
Band48	20MHz	QPSK	55990	50RB#25	21.56	22.56	PASS
Band48	20MHz	QPSK	55990	50RB#50	21.76	22.76	PASS
Band48	20MHz	QPSK	55990	100RB#0	21.69	22.69	PASS
Band48	20MHz	QPSK	56640	1RB#49	22.44	23.44	PASS
Band48	20MHz	QPSK	56640	1RB#0	22.28	23.28	PASS
Band48	20MHz	QPSK	56640	1RB#99	22.36	23.36	PASS
Band48	20MHz	QPSK	56640	50RB#25	21.36	22.36	PASS
Band48	20MHz	QPSK	56640	50RB#0	21.71	22.71	PASS
Band48	20MHz	QPSK	56640	50RB#50	21.28	22.28	PASS
Band48	20MHz	QPSK	56640	100RB#0	21.52	22.52	PASS
Band48	20MHz	64QAM	55340	1RB#0	20.53	21.53	PASS
Band48	20MHz	64QAM	55340	1RB#49	20.44	21.44	PASS
Band48	20MHz	64QAM	55340	1RB#99	20.37	21.37	PASS
Band48	20MHz	64QAM	55340	50RB#50	20.42	21.42	PASS
Band48	20MHz	64QAM	55340	50RB#0	20.47	21.47	PASS
Band48	20MHz	64QAM	55340	50RB#25	20.39	21.39	PASS
Band48	20MHz	64QAM	55340	100RB#0	20.41	21.41	PASS
Band48	20MHz	64QAM	55990	1RB#0	20.29	21.29	PASS
Band48	20MHz	64QAM	55990	1RB#49	20.39	21.39	PASS
Band48	20MHz	64QAM	55990	1RB#99	20.62	21.62	PASS
Band48	20MHz	64QAM	55990	50RB#0	20.31	21.31	PASS
Band48	20MHz	64QAM	55990	50RB#25	20.33	21.33	PASS
Band48	20MHz	64QAM	55990	50RB#50	20.35	21.35	PASS
Band48	20MHz	64QAM	55990	100RB#0	20.44	21.44	PASS
Band48	20MHz	64QAM	56640	1RB#99	20.35	21.35	PASS
Band48	20MHz	64QAM	56640	1RB#0	20.31	21.31	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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 document. 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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

Page: 10 of 123

Band48	20MHz	64QAM	56640	1RB#49	20.30	21.3	PASS
Band48	20MHz	64QAM	56640	50RB#0	20.57	21.57	PASS
Band48	20MHz	64QAM	56640	50RB#50	20.33	21.33	PASS
Band48	20MHz	64QAM	56640	50RB#25	20.38	21.38	PASS
Band48	20MHz	64QAM	56640	100RB#0	20.32	21.32	PASS
Band48	20MHz	16QAM	55340	1RB#0	21.47	22.47	PASS
Band48	20MHz	16QAM	55340	1RB#49	21.49	22.49	PASS
Band48	20MHz	16QAM	55340	1RB#99	21.46	22.46	PASS
Band48	20MHz	16QAM	55340	50RB#0	20.72	21.72	PASS
Band48	20MHz	16QAM	55340	50RB#25	20.64	21.64	PASS
Band48	20MHz	16QAM	55340	50RB#50	20.60	21.6	PASS
Band48	20MHz	16QAM	55340	100RB#0	20.67	21.67	PASS
Band48	20MHz	16QAM	55990	1RB#0	21.78	22.78	PASS
Band48	20MHz	16QAM	55990	1RB#99	21.63	22.63	PASS
Band48	20MHz	16QAM	55990	1RB#49	21.39	22.39	PASS
Band48	20MHz	16QAM	55990	50RB#0	20.46	21.46	PASS
Band48	20MHz	16QAM	55990	50RB#25	20.75	21.75	PASS
Band48	20MHz	16QAM	55990	50RB#50	20.69	21.69	PASS
Band48	20MHz	16QAM	55990	100RB#0	20.76	21.76	PASS
Band48	20MHz	16QAM	56640	1RB#0	21.50	22.5	PASS
Band48	20MHz	16QAM	56640	1RB#99	21.66	22.66	PASS
Band48	20MHz	16QAM	56640	1RB#49	21.55	22.55	PASS
Band48	20MHz	16QAM	56640	50RB#50	20.80	21.8	PASS
Band48	20MHz	16QAM	56640	50RB#25	20.64	21.64	PASS
Band48	20MHz	16QAM	56640	50RB#0	21.03	22.03	PASS
Band48	20MHz	16QAM	56640	100RB#0	20.72	21.72	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

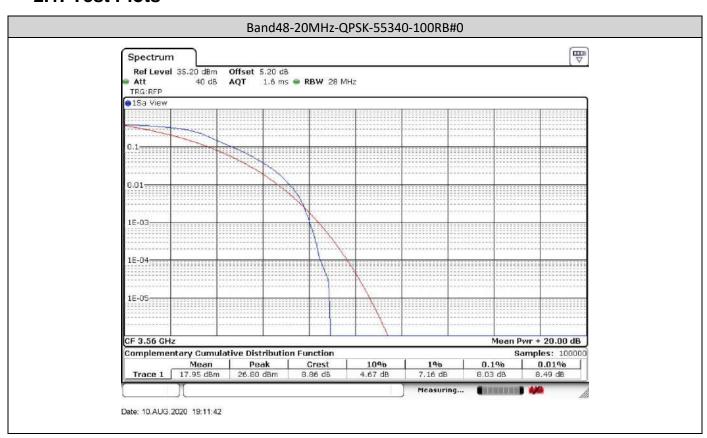


Page: 11 of 123

2. Peak-to-Average Ratio (CCDF)

Test ResultBand	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	8.03	13	PASS
Band48	20MHz	QPSK	55990	100RB#0	4.87	13	PASS
Band48	20MHz	QPSK	56640	100RB#0	4.61	13	PASS
Band48	20MHz	64QAM	55340	100RB#0	8.41	13	PASS
Band48	20MHz	64QAM	55990	100RB#0	6.49	13	PASS
Band48	20MHz	64QAM	56640	100RB#0	6.32	13	PASS
Band48	20MHz	16QAM	55340	100RB#0	5.68	13	PASS
Band48	20MHz	16QAM	55990	100RB#0	5.71	13	PASS
Band48	20MHz	16QAM	56640	100RB#0	8.12	13	PASS

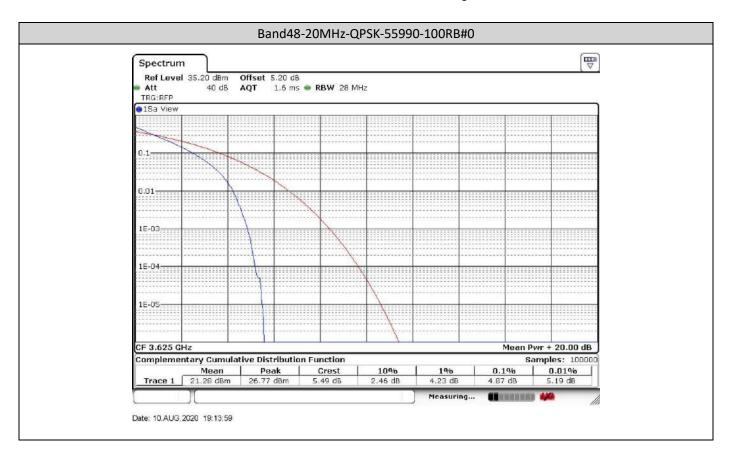
2.1. Test Plots





Report No.: ZR/2020/7001701-01

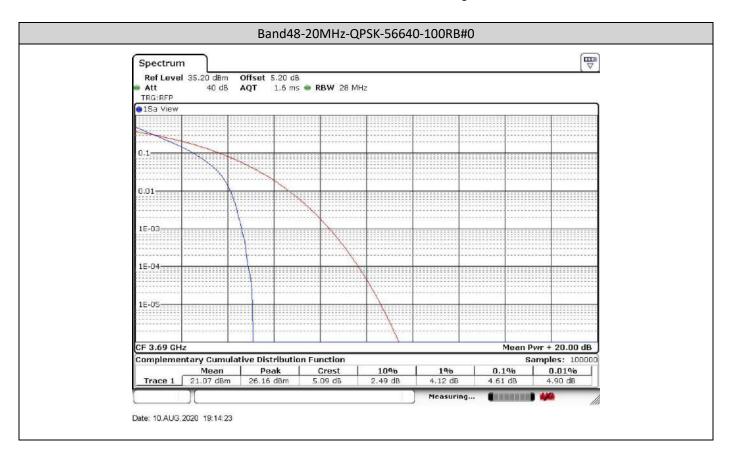
Page: 12 of 123





Report No.: ZR/2020/7001701-01

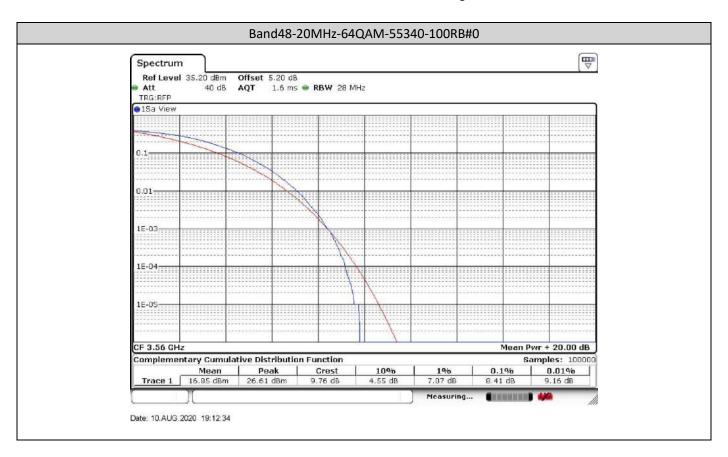
Page: 13 of 123





Report No.: ZR/2020/7001701-01

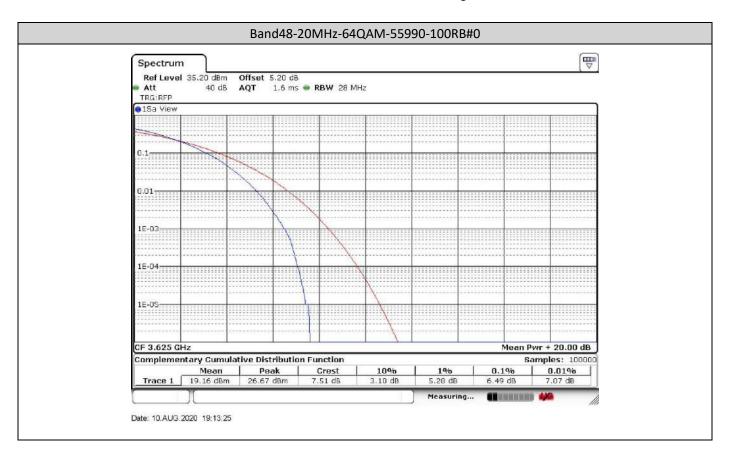
Page: 14 of 123





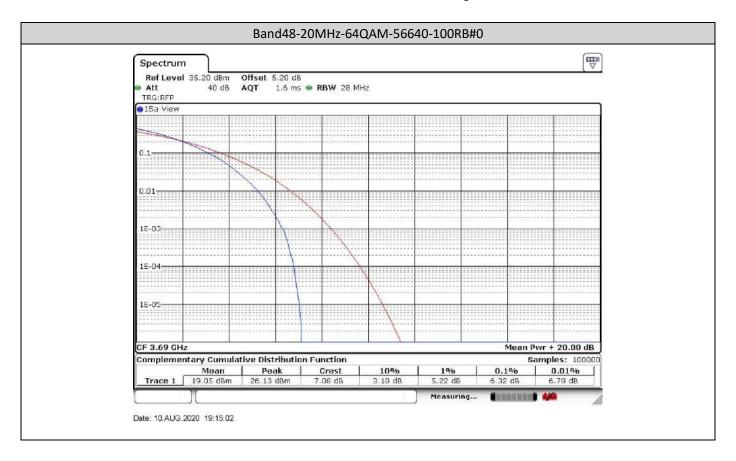
Report No.: ZR/2020/7001701-01

Page: 15 of 123



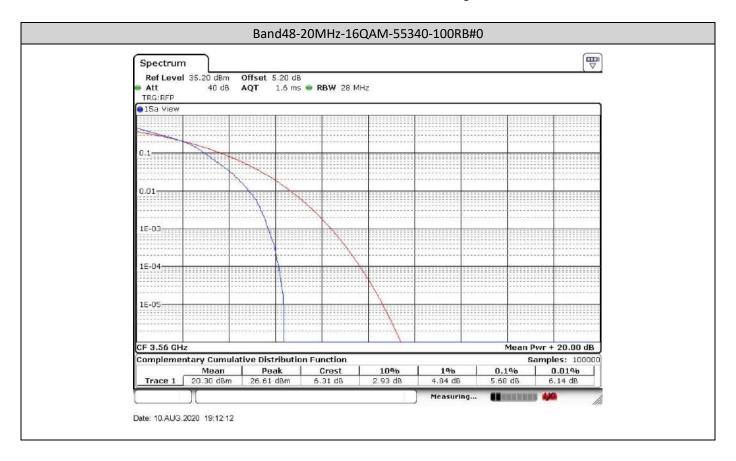


Page: 16 of 123



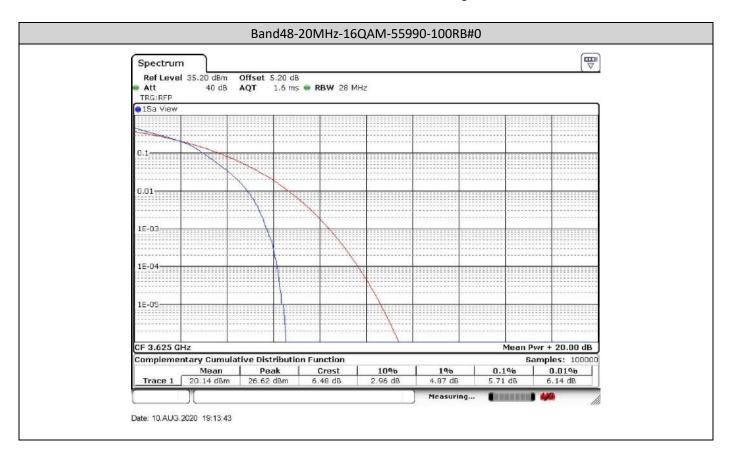


Page: 17 of 123





Page: 18 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

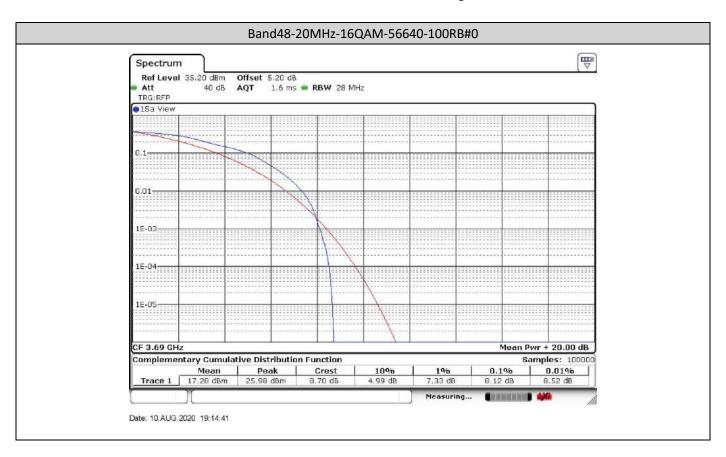
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com

Report No.: ZR/2020/7001701-01

Page: 19 of 123



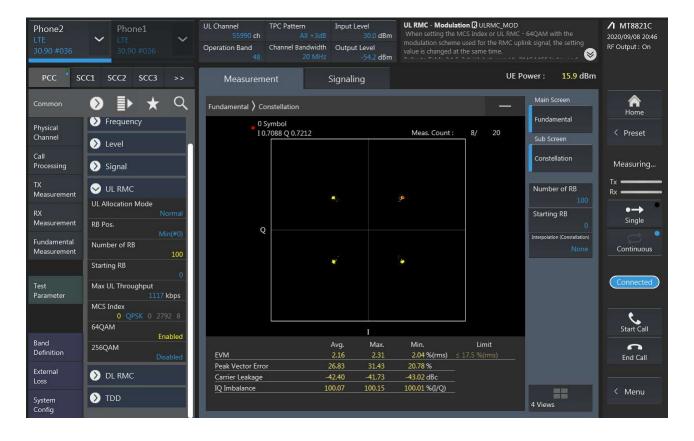


Page: 20 of 123

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH

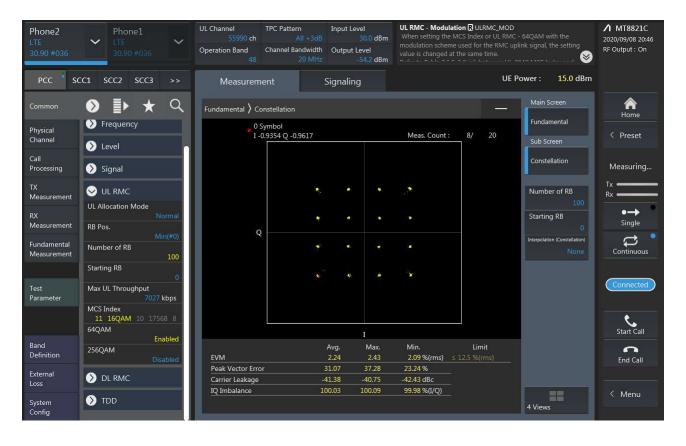




Page: 21 of 123

3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH



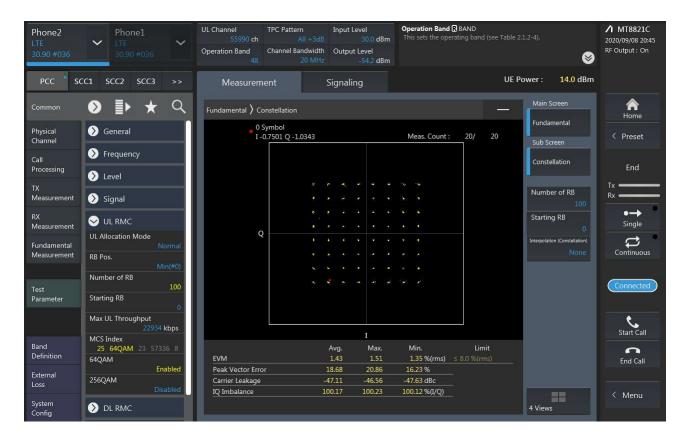


sgs.china@sgs.com

Page: 22 of 123

3.3. Test Mode = LTE /TM3 20MHz

3.3.1.Test Channel = MCH





Page: 23 of 123

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band48	5MHz	QPSK	55265	25RB#0	4.472	4.891	PASS
Band48	5MHz	QPSK	55990	25RB#0	4.486	4.891	PASS
Band48	5MHz	QPSK	56715	25RB#0	4.486	4.906	PASS
Band48	5MHz	64QAM	55265	25RB#0	4.486	4.877	PASS
Band48	5MHz	64QAM	55990	25RB#0	4.486	4.877	PASS
Band48	5MHz	64QAM	56715	25RB#0	4.486	4.863	PASS
Band48	5MHz	16QAM	55265	25RB#0	4.472	4.891	PASS
Band48	5MHz	16QAM	55990	25RB#0	4.472	4.877	PASS
Band48	5MHz	16QAM	56715	25RB#0	4.472	4.906	PASS
Band48	10MHz	QPSK	55290	50RB#0	8.944	9.696	PASS
Band48	10MHz	QPSK	55990	50RB#0	8.973	9.638	PASS
Band48	10MHz	QPSK	56690	50RB#0	8.973	9.725	PASS
Band48	10MHz	64QAM	55290	50RB#0	8.944	9.624	PASS
Band48	10MHz	64QAM	55990	50RB#0	8.944	9.609	PASS
Band48	10MHz	64QAM	56690	50RB#0	8.944	9.638	PASS
Band48	10MHz	16QAM	55290	50RB#0	8.915	9.609	PASS
Band48	10MHz	16QAM	55990	50RB#0	8.944	9.580	PASS
Band48	10MHz	16QAM	56690	50RB#0	8.915	9.580	PASS
Band48	15MHz	QPSK	55315	75RB#0	13.502	14.891	PASS
Band48	15MHz	QPSK	55990	75RB#0	13.459	14.718	PASS
Band48	15MHz	QPSK	56665	75RB#0	13.546	14.761	PASS
Band48	15MHz	64QAM	55315	75RB#0	13.459	14.805	PASS
Band48	15MHz	64QAM	55990	75RB#0	13.459	14.805	PASS
Band48	15MHz	64QAM	56665	75RB#0	13.459	14.805	PASS
Band48	15MHz	16QAM	55315	75RB#0	13.459	14.805	PASS
Band48	15MHz	16QAM	55990	75RB#0	13.502	14.935	PASS
Band48	15MHz	16QAM	56665	75RB#0	13.502	14.935	PASS
Band48	20MHz	QPSK	55340	100RB#0	17.945	19.508	PASS
Band48	20MHz	QPSK	55990	100RB#0	17.887	19.450	PASS
Band48	20MHz	QPSK	56640	100RB#0	17.945	19.566	PASS
Band48	20MHz	64QAM	55340	100RB#0	17.945	19.161	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.for electronic Documents at http://www.sgs.com/en/Terms-and-Conditions.for electronic Documents.sgs.
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 inventorion of its intervention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 2601 2053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房



Report No.: ZR/2020/7001701-01

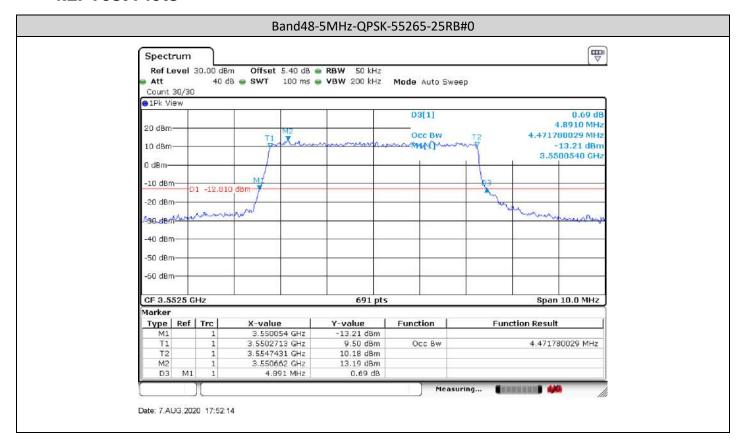
24 of 123 Page:

Band48	20MHz	64QAM	55990	100RB#0	17.945	19.450	PASS
Band48	20MHz	64QAM	56640	100RB#0	17.945	19.493	PASS
Band48	20MHz	16QAM	55340	100RB#0	17.945	19.508	PASS
Band48	20MHz	16QAM	55990	100RB#0	17.945	19.392	PASS
Band48	20MHz	16QAM	56640	100RB#0	17.945	19.450	PASS



Page: 25 of 123

4.2. Test Plots

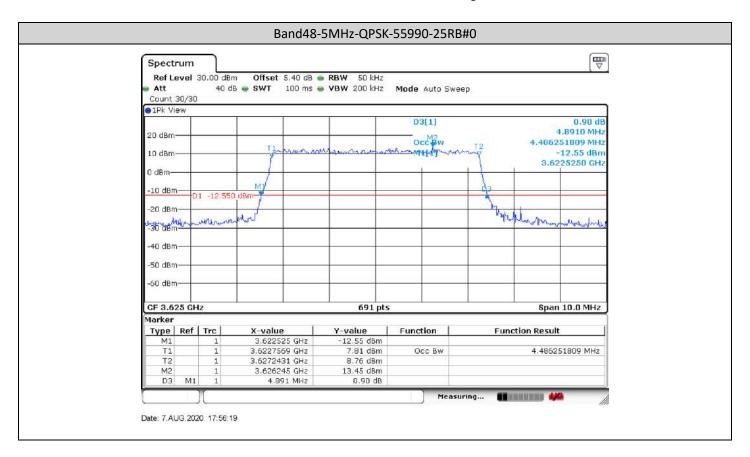






Report No.: ZR/2020/7001701-01

Page: 26 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

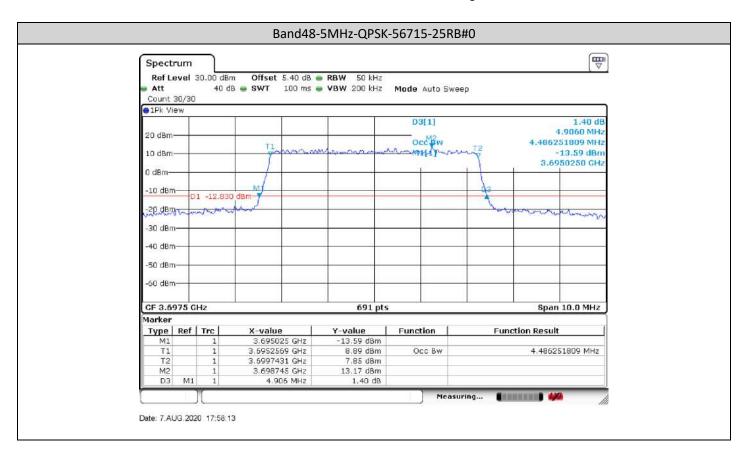
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 27 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

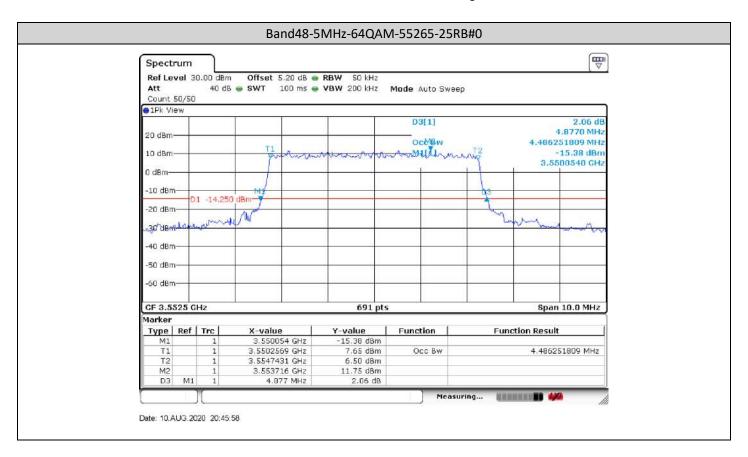
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国 · 深圳 · 科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 28 of 123

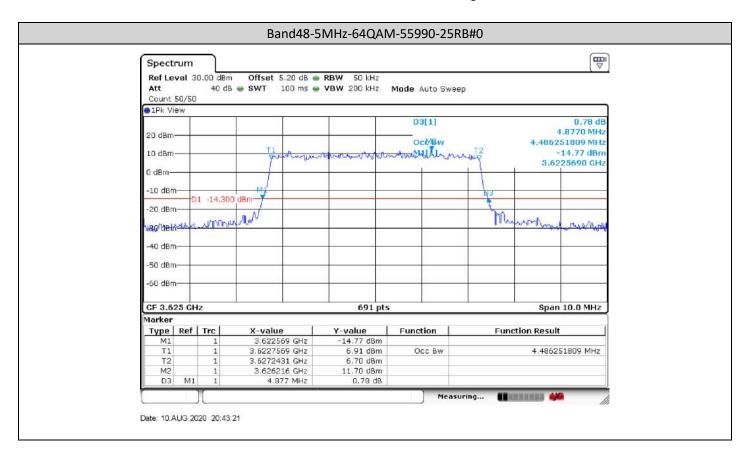






Report No.: ZR/2020/7001701-01

Page: 29 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

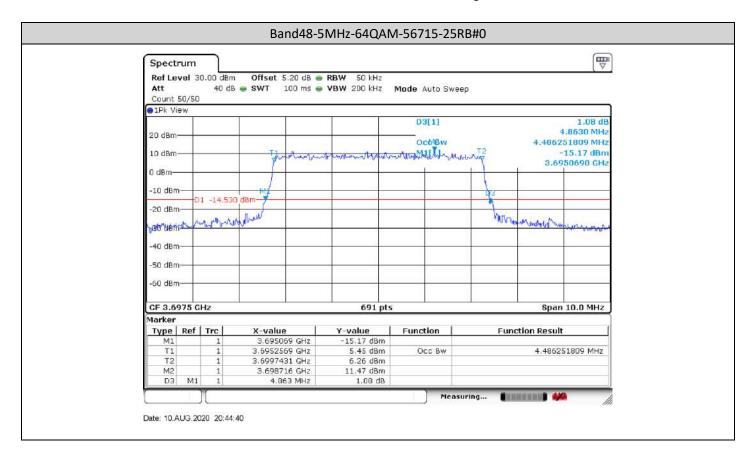
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594



Report No.: ZR/2020/7001701-01

Page: 30 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

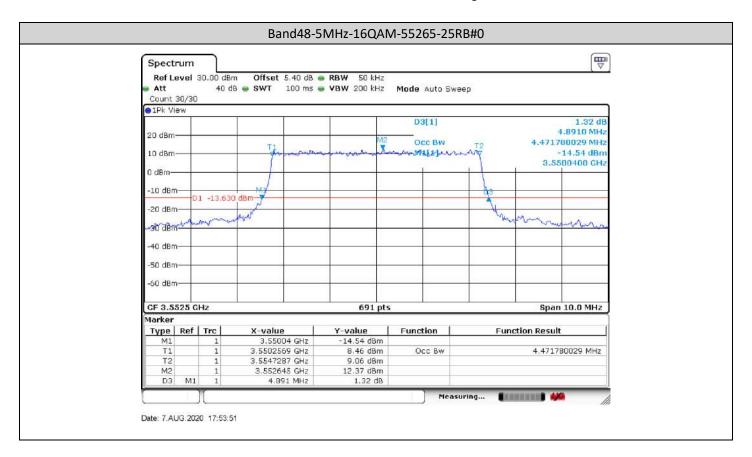
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 31 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

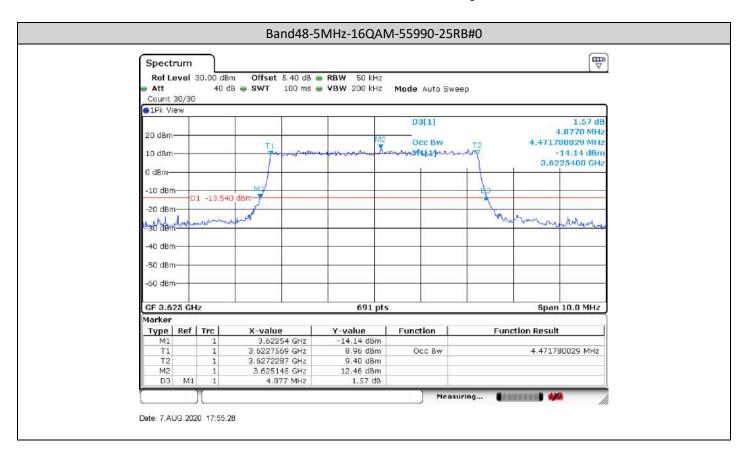
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 32 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

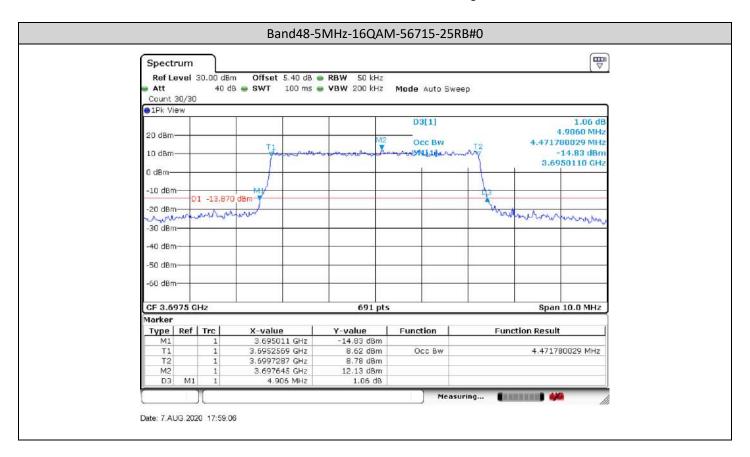
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国 · 深圳 · 科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 33 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

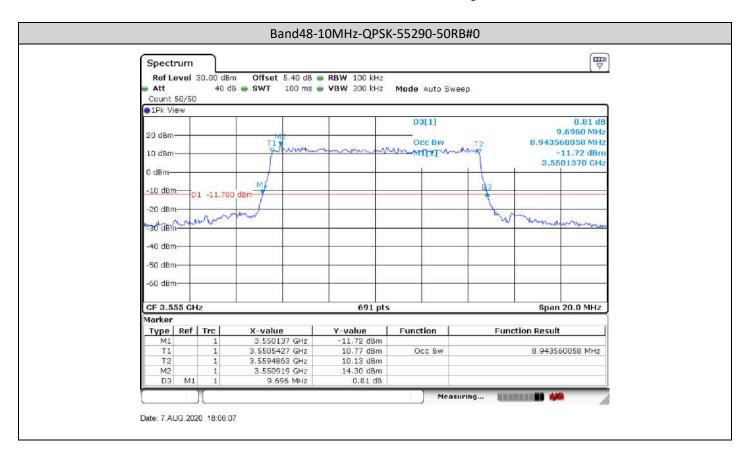
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 34 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

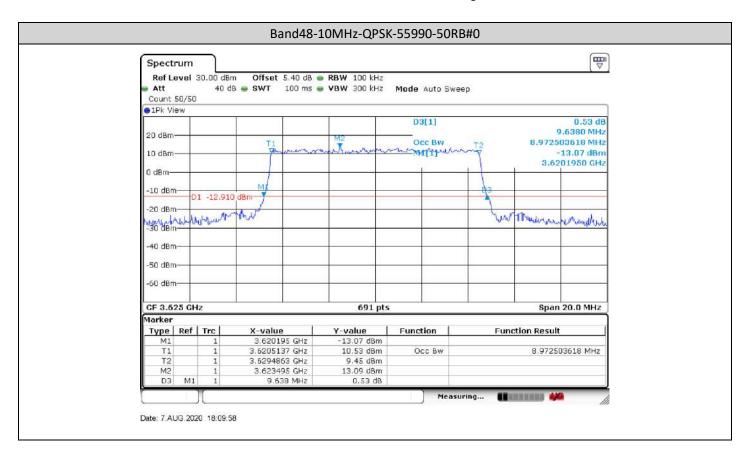
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 35 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

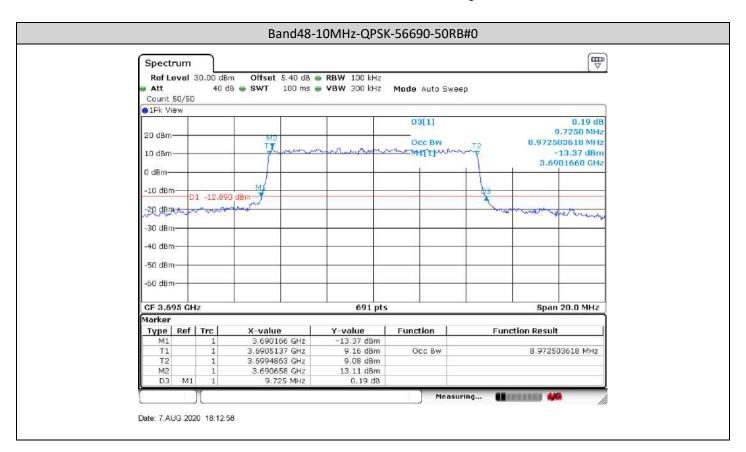
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 36 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

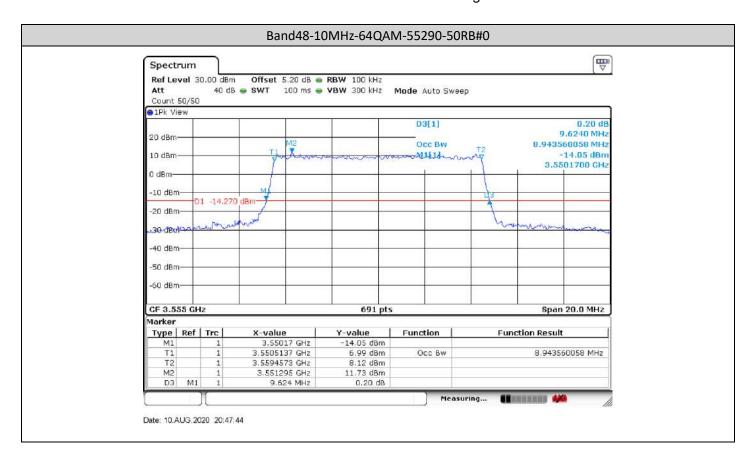
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 37 of 123





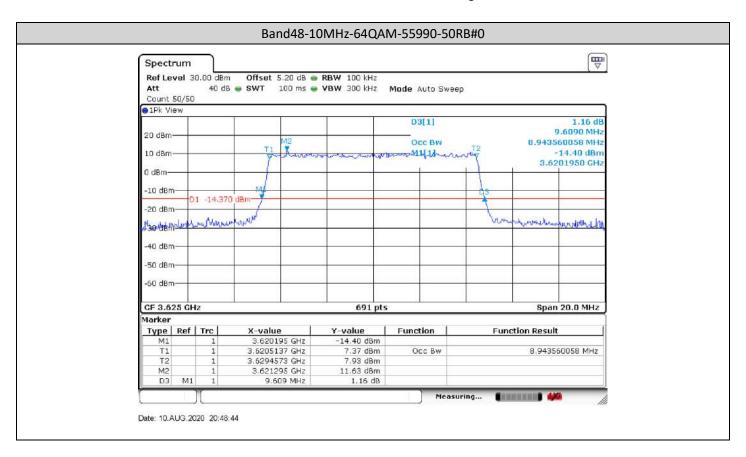
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 38 of 123





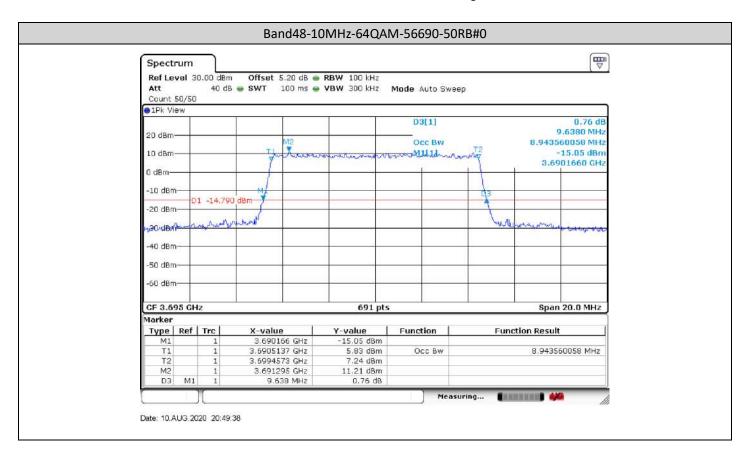
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 39 of 123





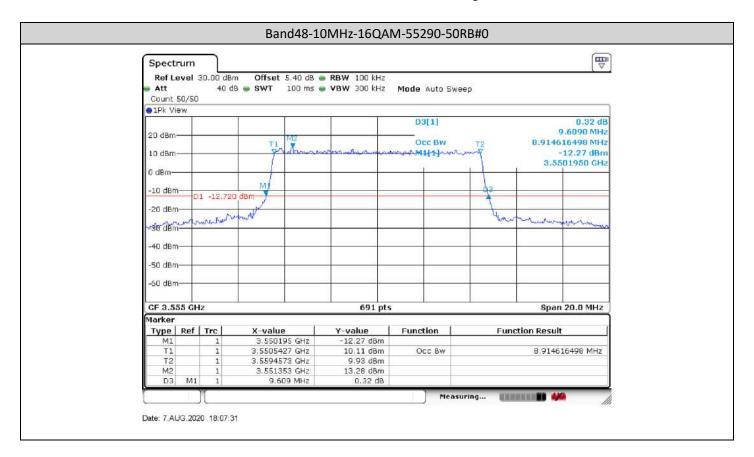
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 40 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

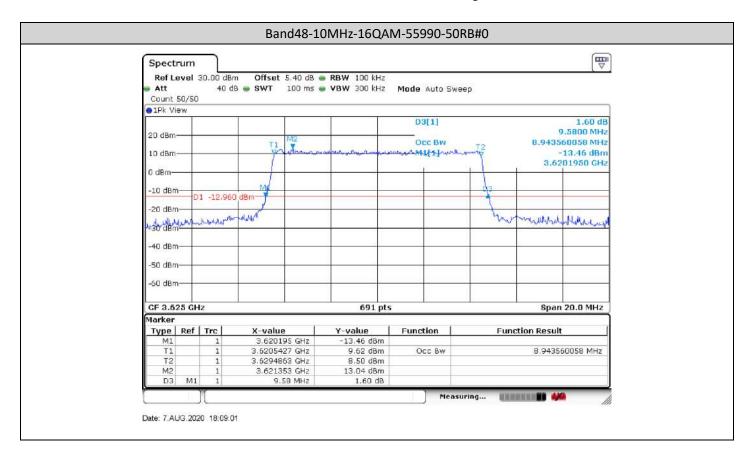
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594



Report No.: ZR/2020/7001701-01

Page: 41 of 123





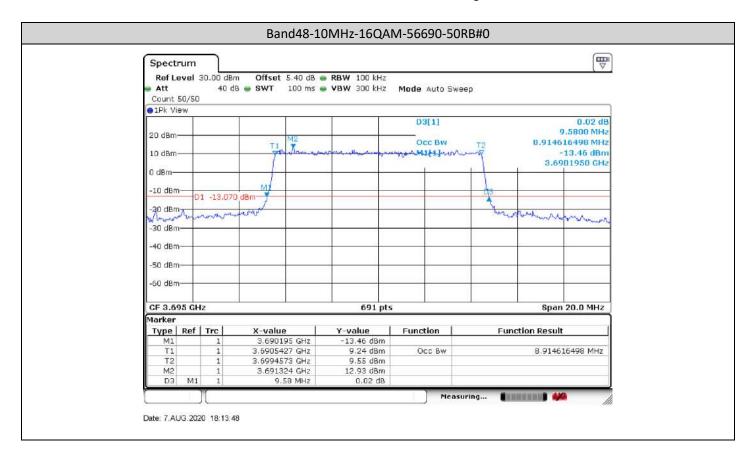
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 42 of 123

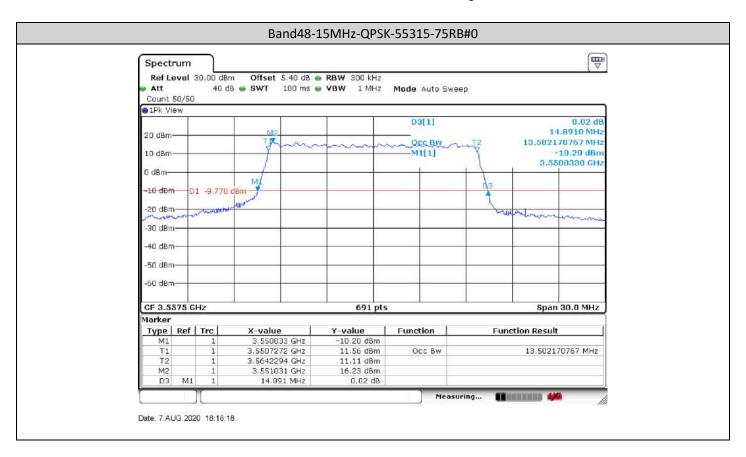






Report No.: ZR/2020/7001701-01

Page: 43 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

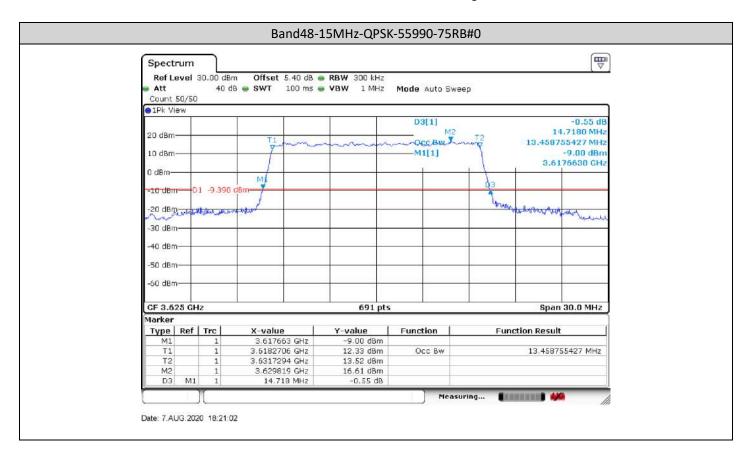
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594



Report No.: ZR/2020/7001701-01

Page: 44 of 123





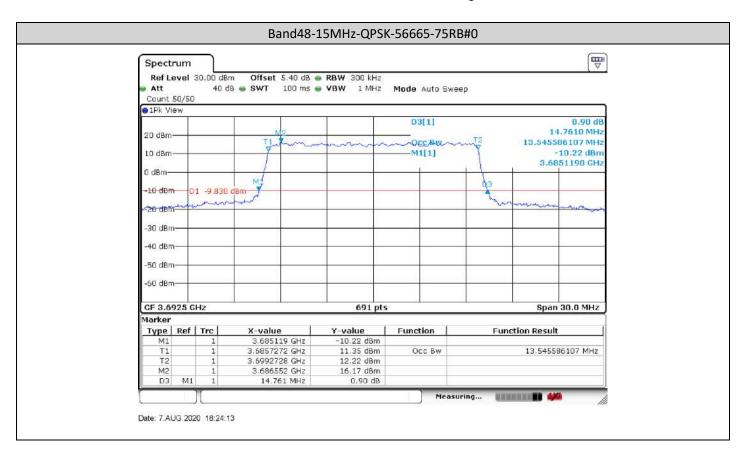
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 45 of 123





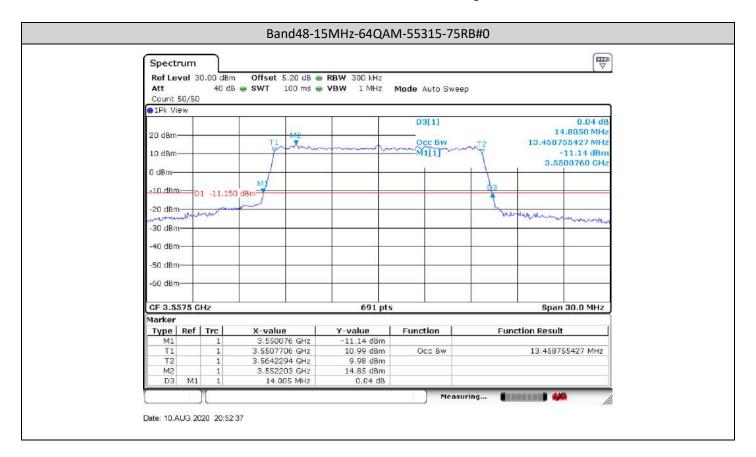
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 46 of 123

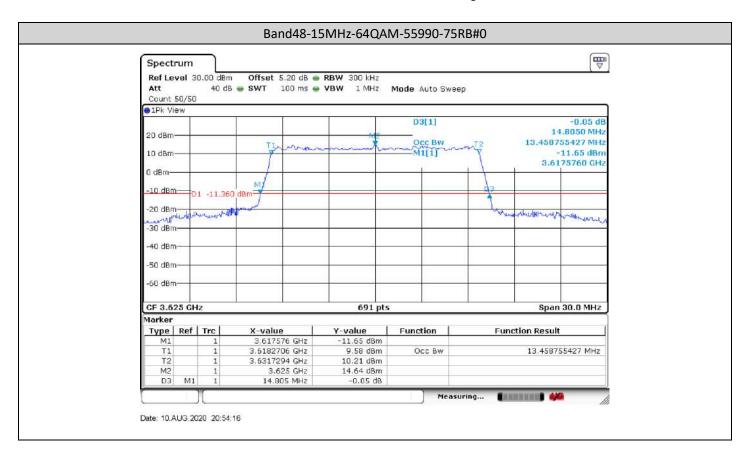






Report No.: ZR/2020/7001701-01

Page: 47 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

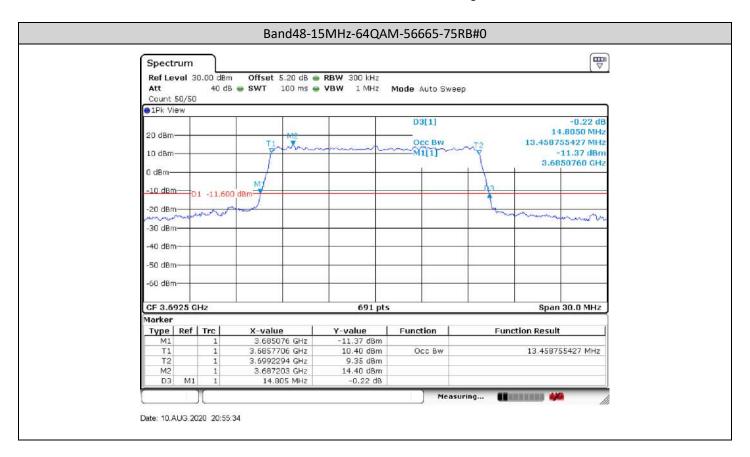
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594



Report No.: ZR/2020/7001701-01

Page: 48 of 123





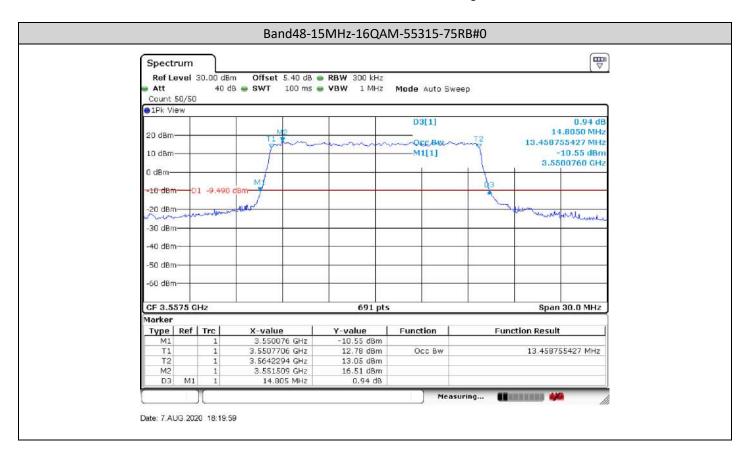
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 49 of 123





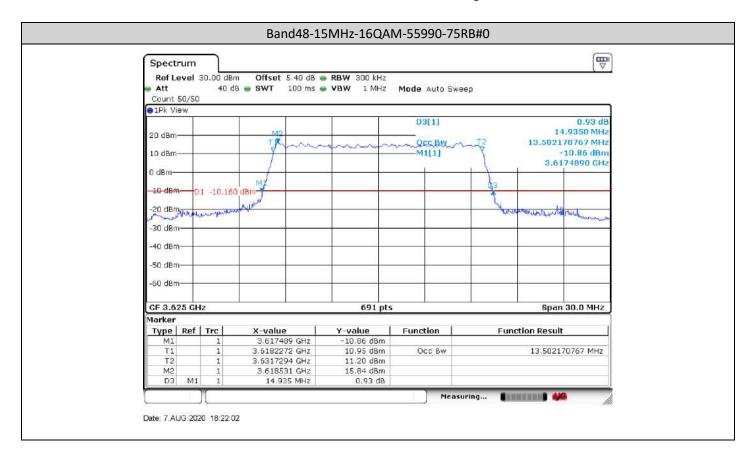
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 50 of 123





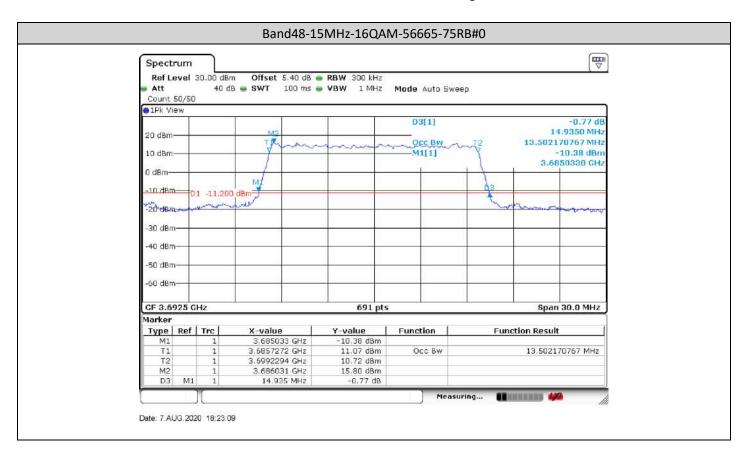
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 51 of 123





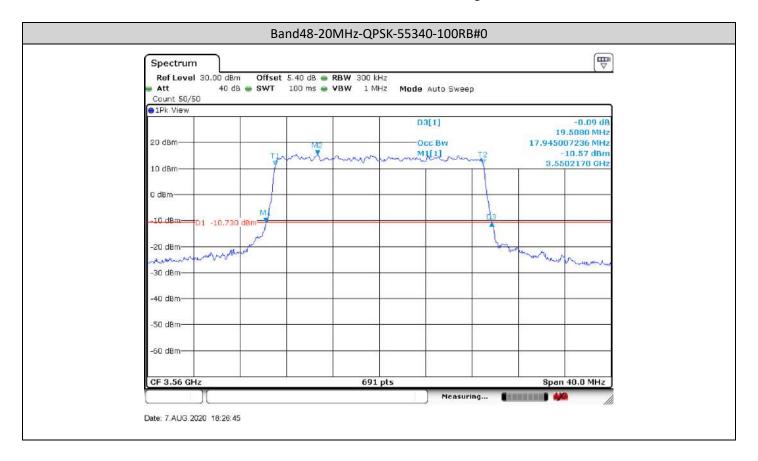
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

Report No.: ZR/2020/7001701-01

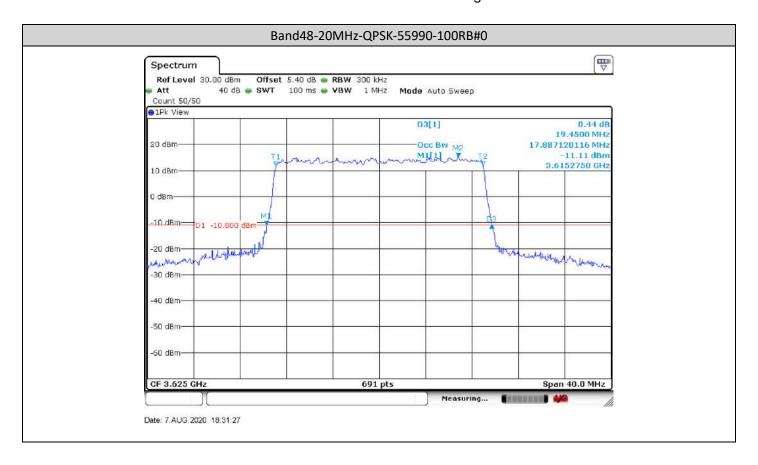
Page: 52 of 123





Report No.: ZR/2020/7001701-01

Page: 53 of 123



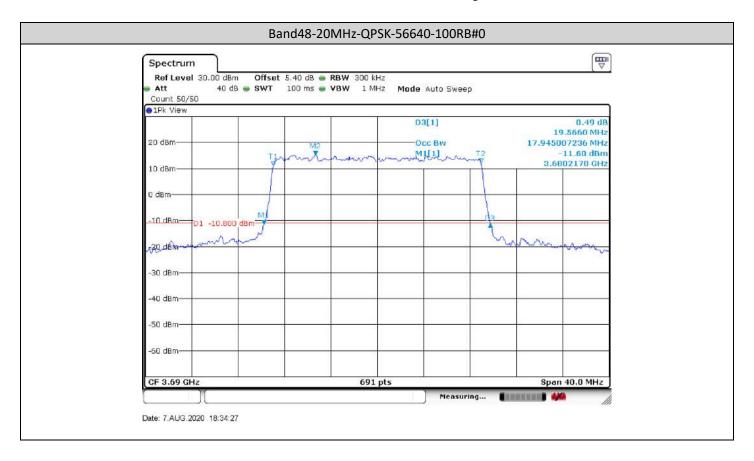


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

Report No.: ZR/2020/7001701-01

Page: 54 of 123

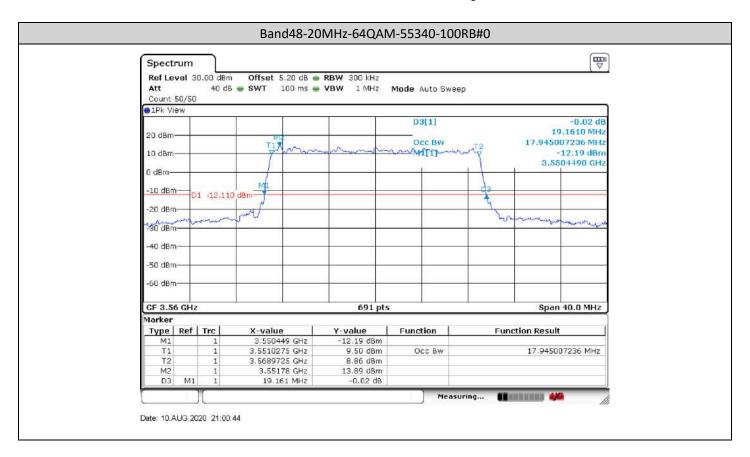






Report No.: ZR/2020/7001701-01

Page: 55 of 123





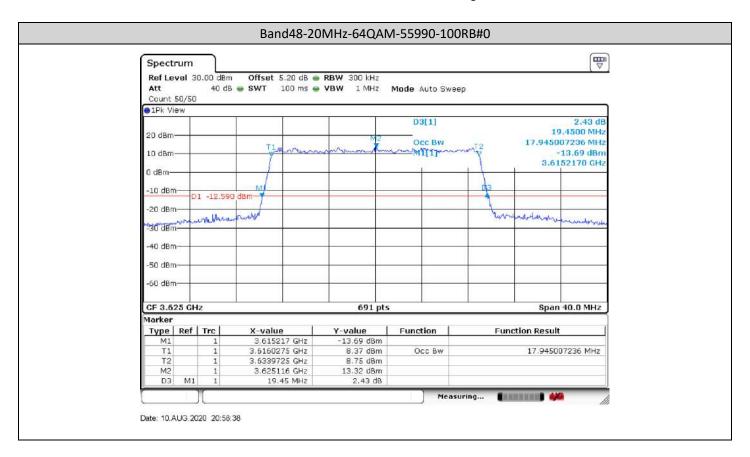
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 56 of 123





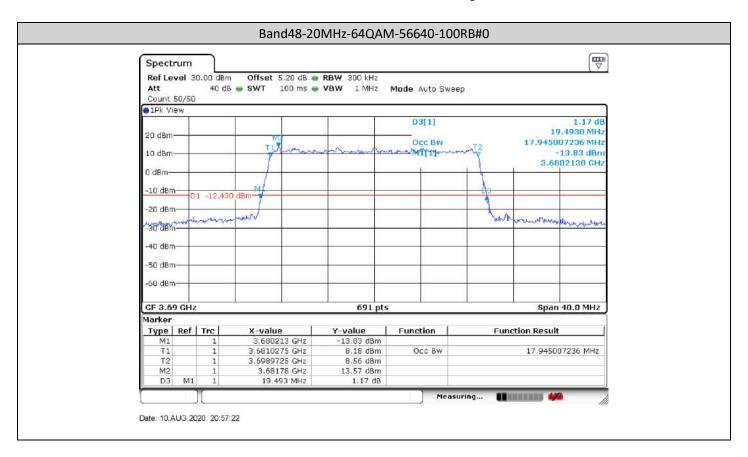
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

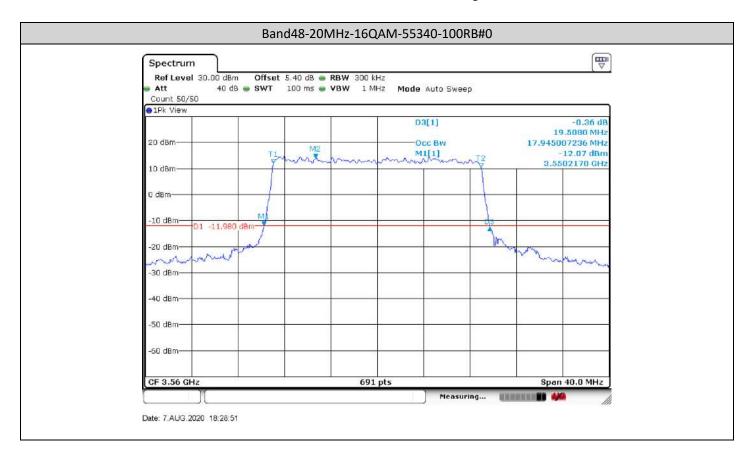
Page: 57 of 123





Report No.: ZR/2020/7001701-01

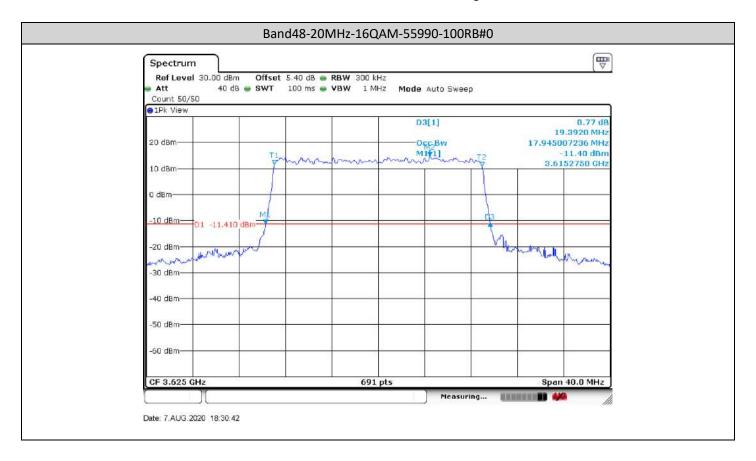
Page: 58 of 123





Report No.: ZR/2020/7001701-01

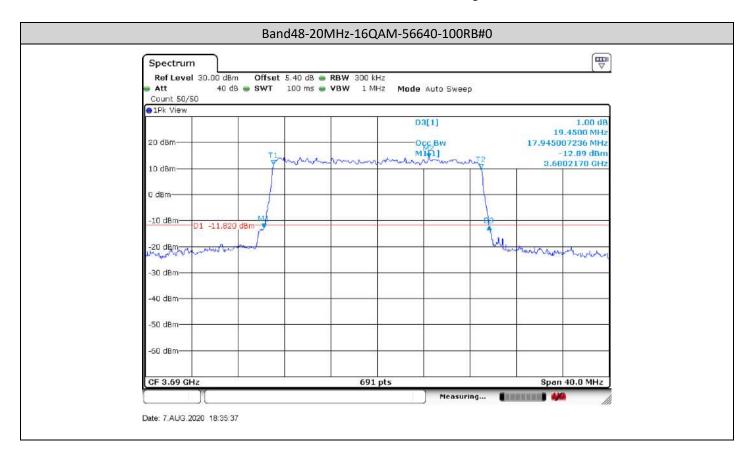
Page: 59 of 123





Report No.: ZR/2020/7001701-01

Page: 60 of 123



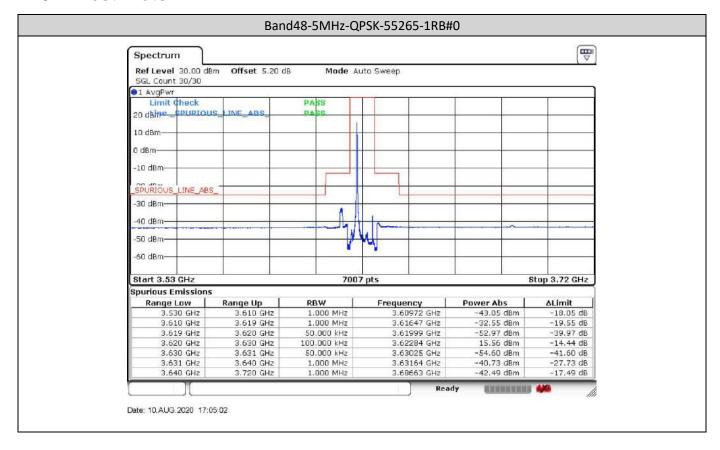


Report No.: ZR/2020/7001701-01

Page: 61 of 123

5. Band Edge Compliance

5.1. Test Plots

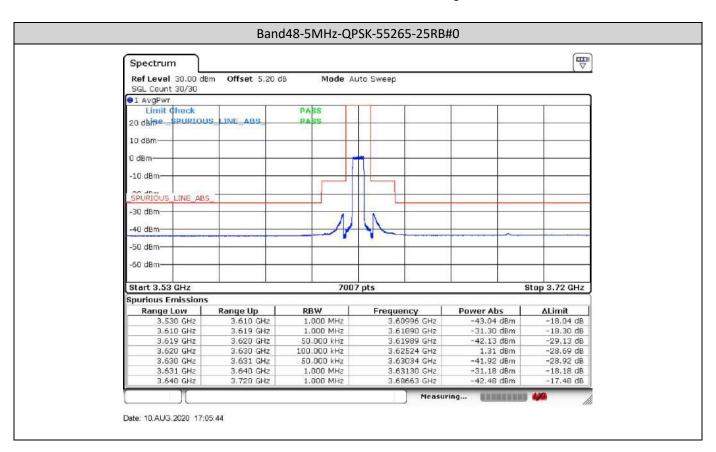






Report No.: ZR/2020/7001701-01

Page: 62 of 123





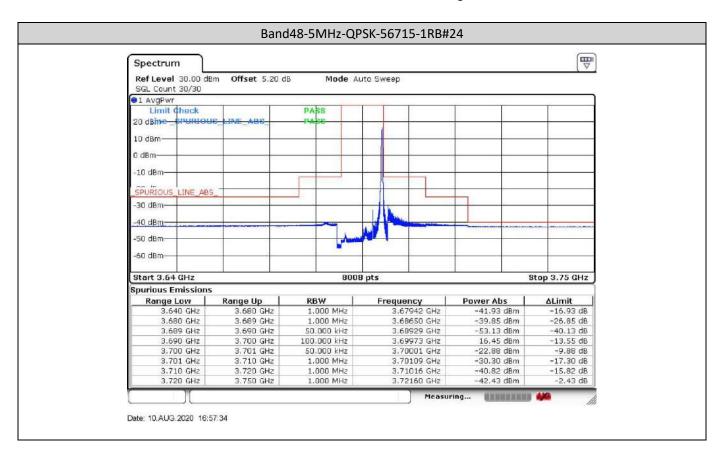
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 63 of 123





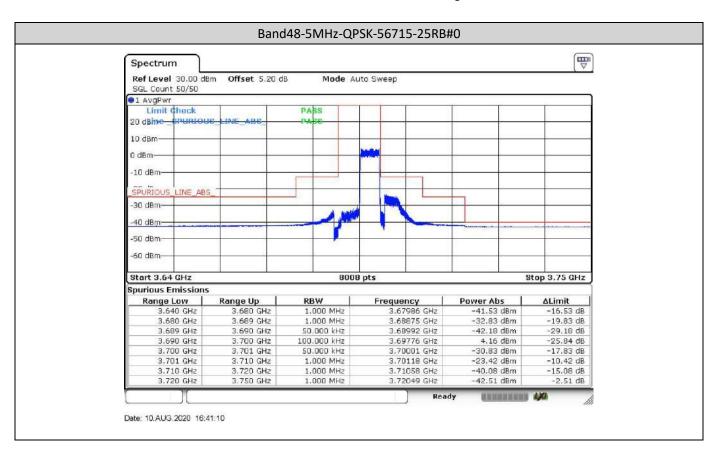
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 64 of 123





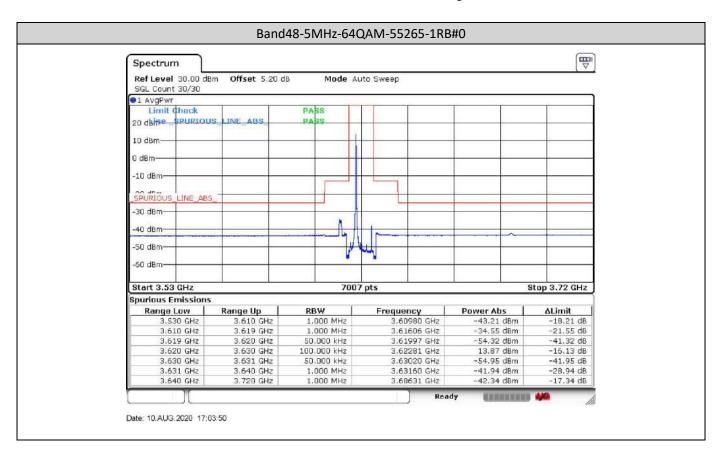
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 65 of 123





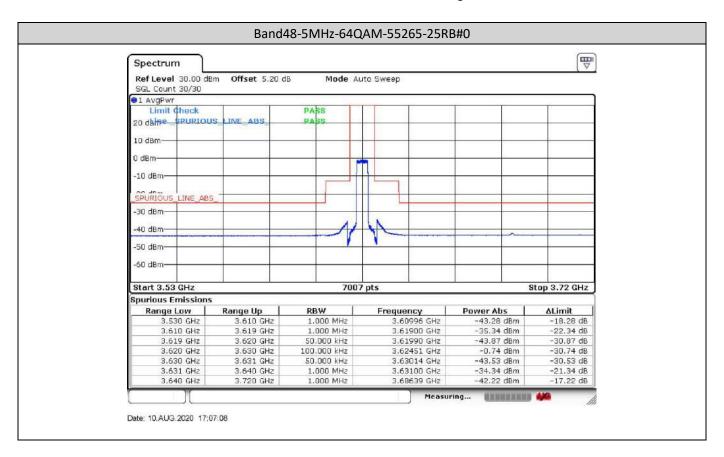
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 66 of 123





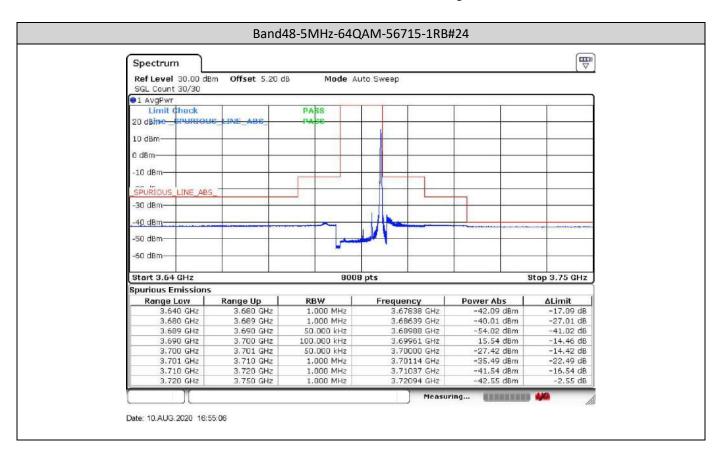
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 67 of 123





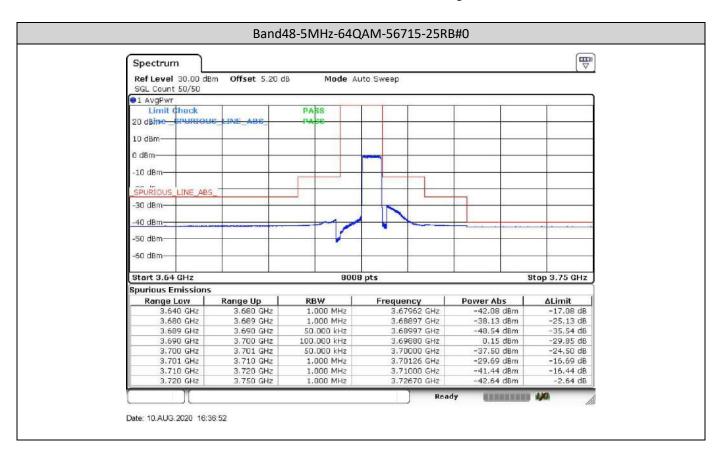
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 68 of 123





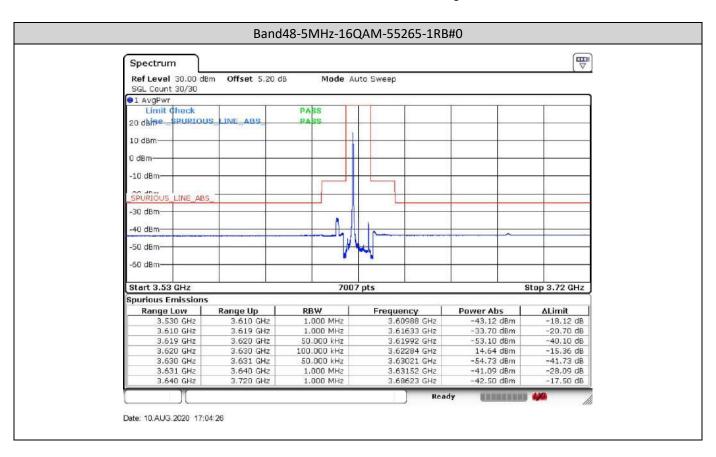
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 69 of 123





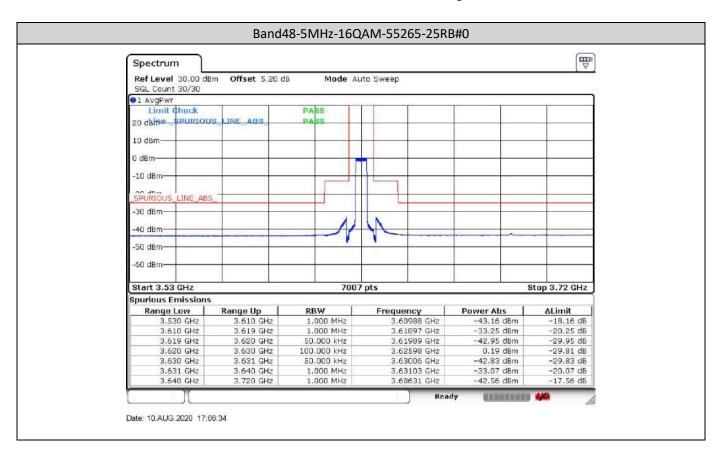
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 70 of 123





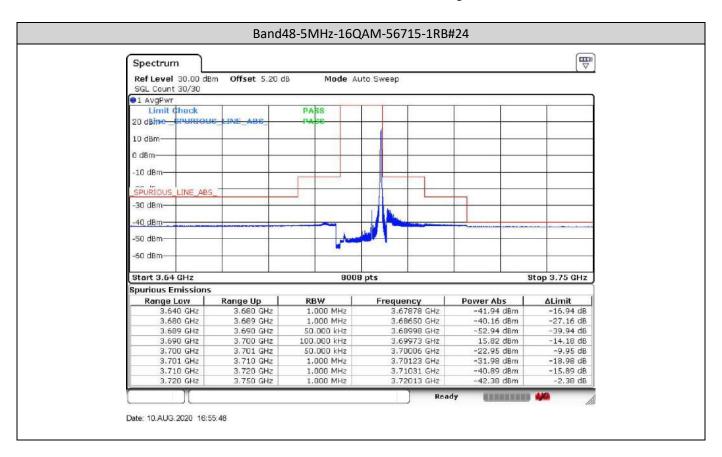
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 71 of 123

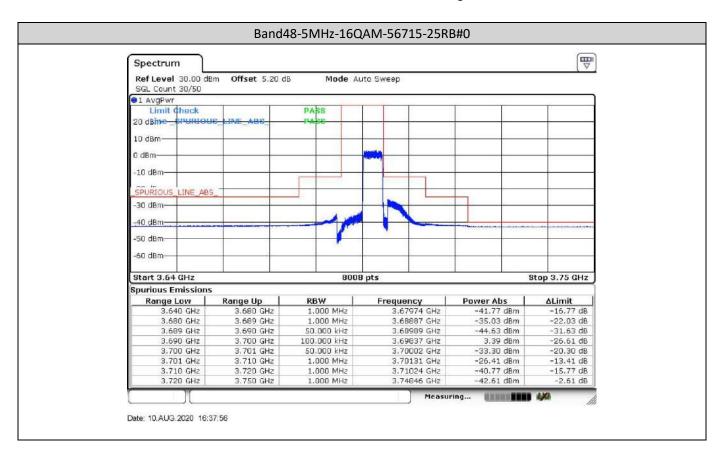






Report No.: ZR/2020/7001701-01

Page: 72 of 123





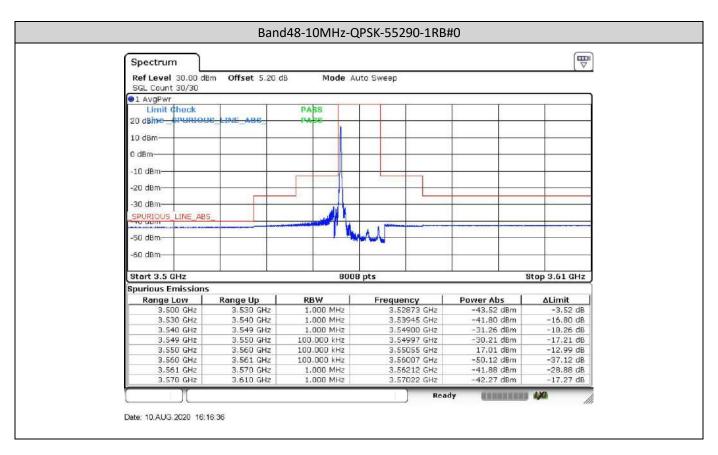
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 73 of 123





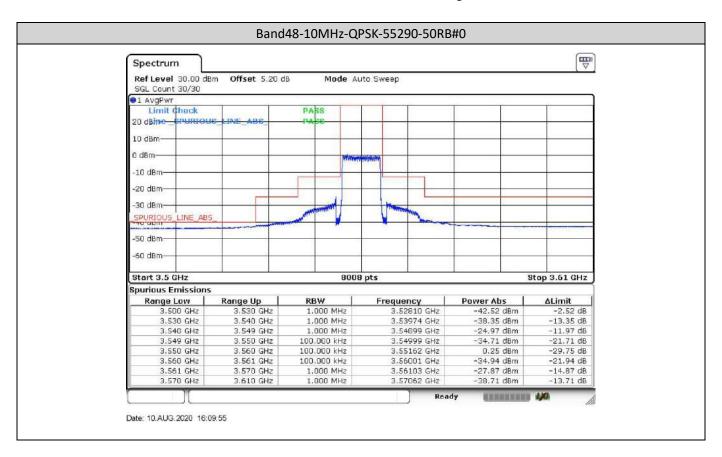
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 74 of 123





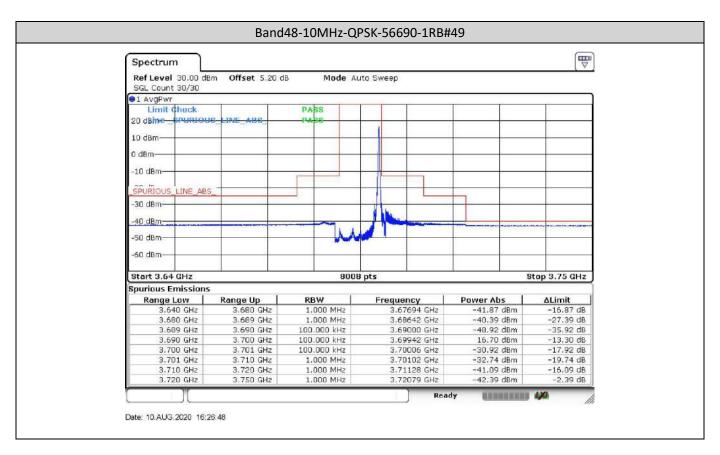
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 75 of 123

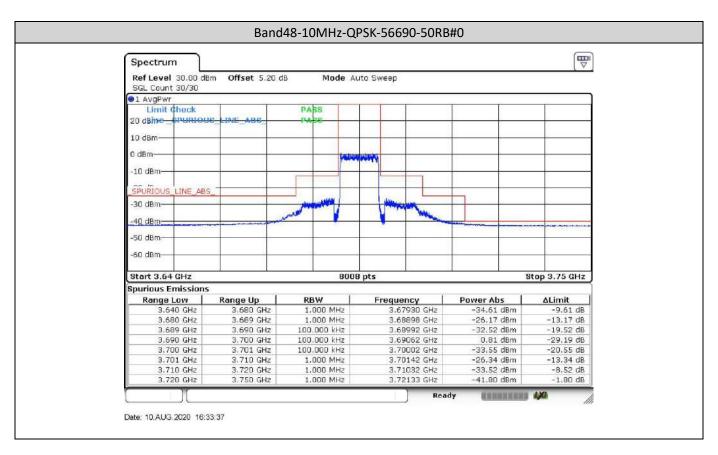






Report No.: ZR/2020/7001701-01

Page: 76 of 123





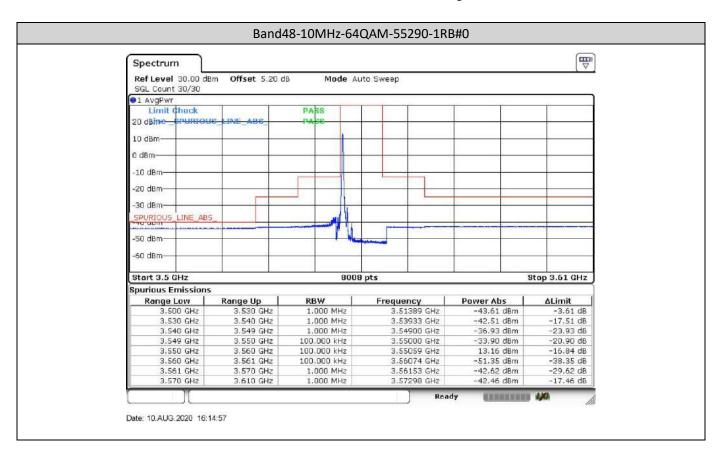
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 77 of 123





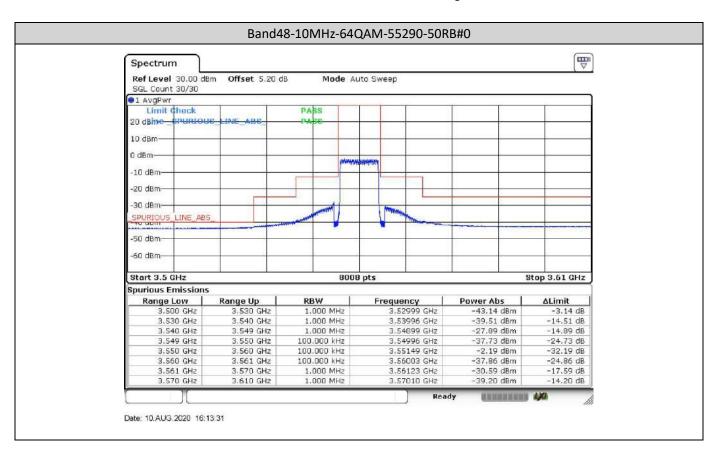
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 78 of 123





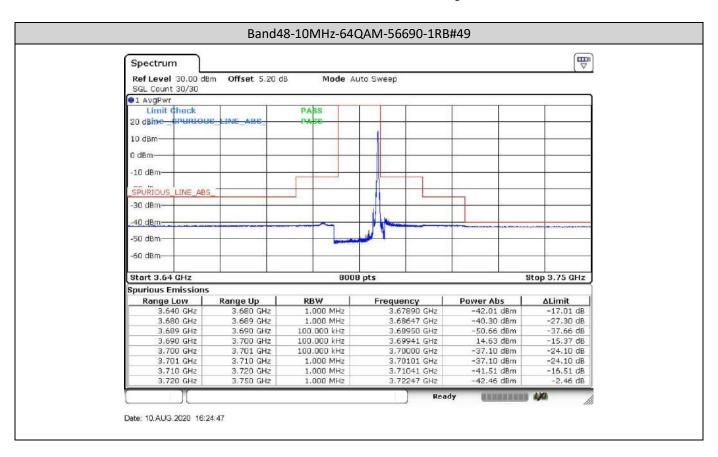
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 79 of 123

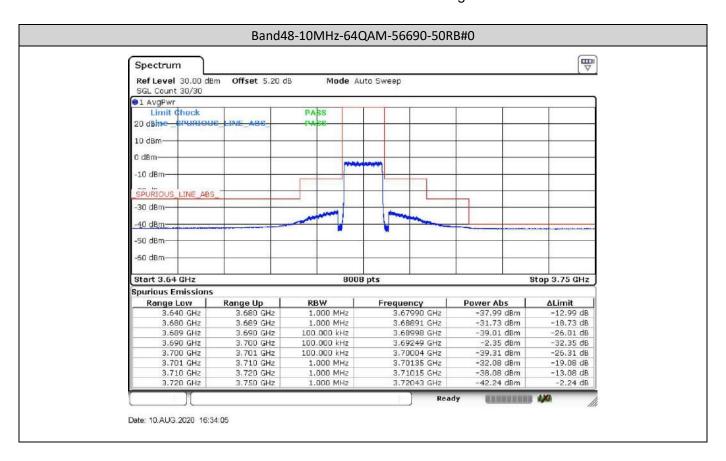






Report No.: ZR/2020/7001701-01

Page: 80 of 123





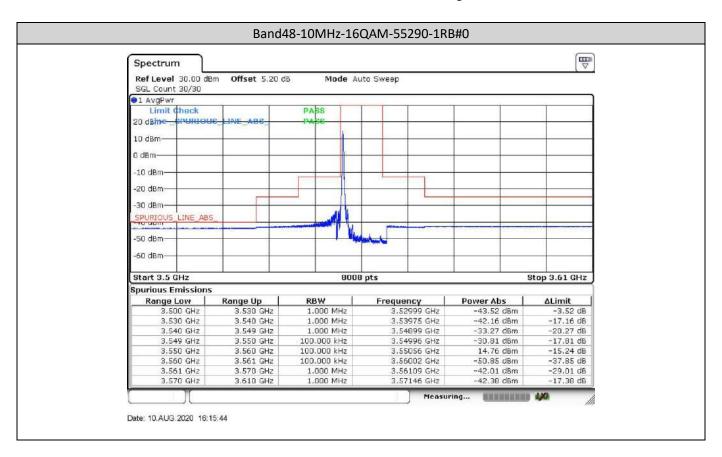
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 81 of 123





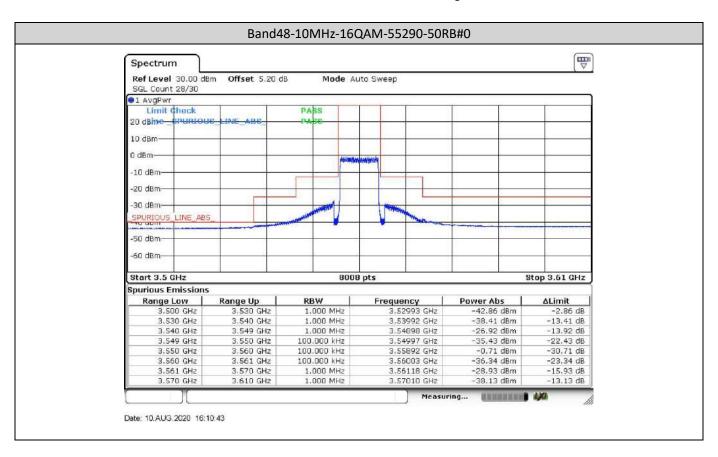
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 82 of 123

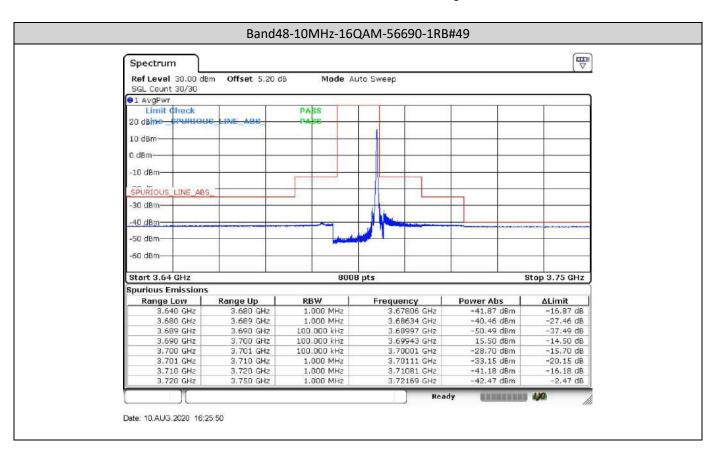






Report No.: ZR/2020/7001701-01

Page: 83 of 123





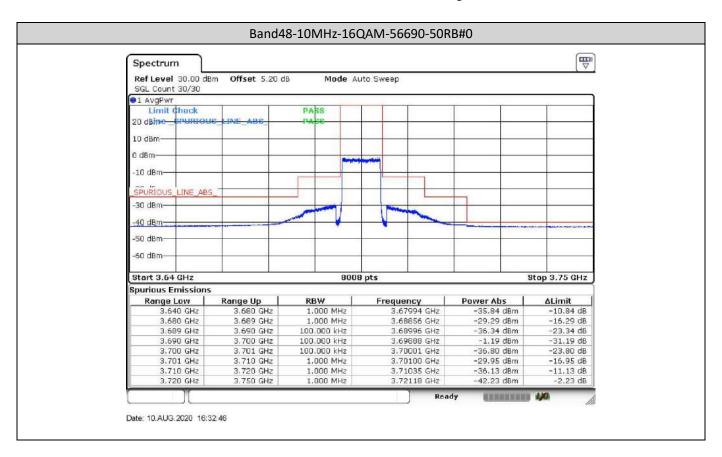
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 84 of 123





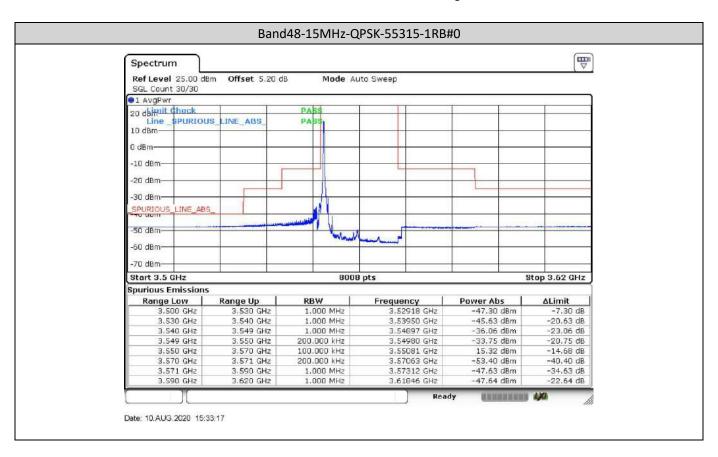
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 85 of 123





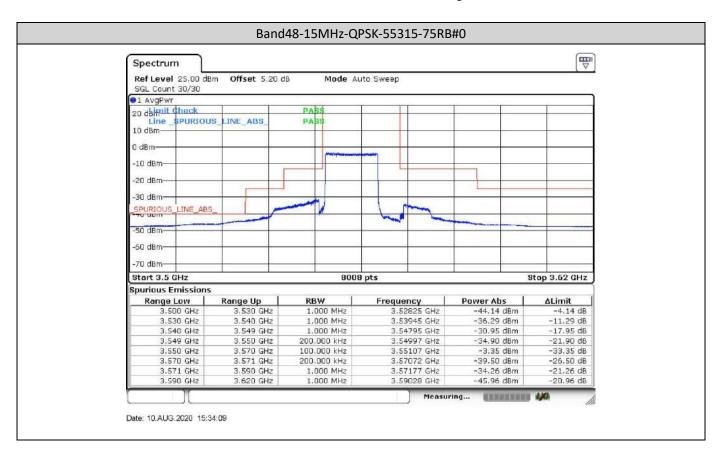
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 86 of 123





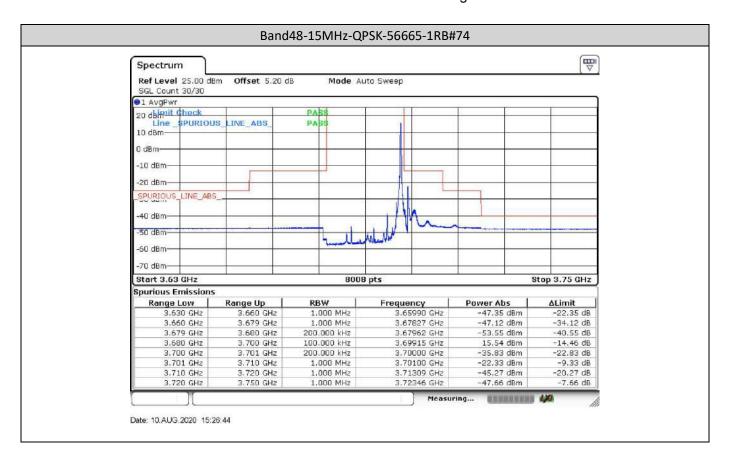
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 87 of 123

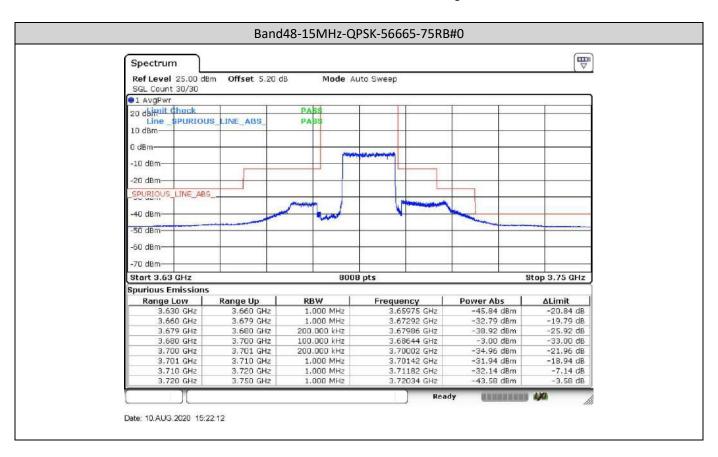






Report No.: ZR/2020/7001701-01

Page: 88 of 123

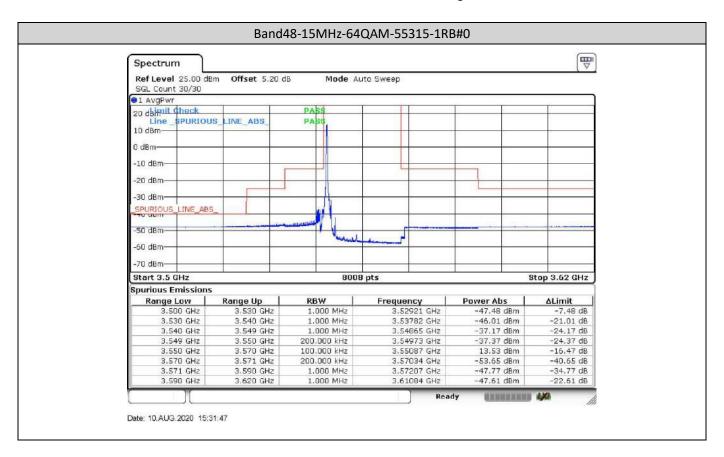






Report No.: ZR/2020/7001701-01

Page: 89 of 123





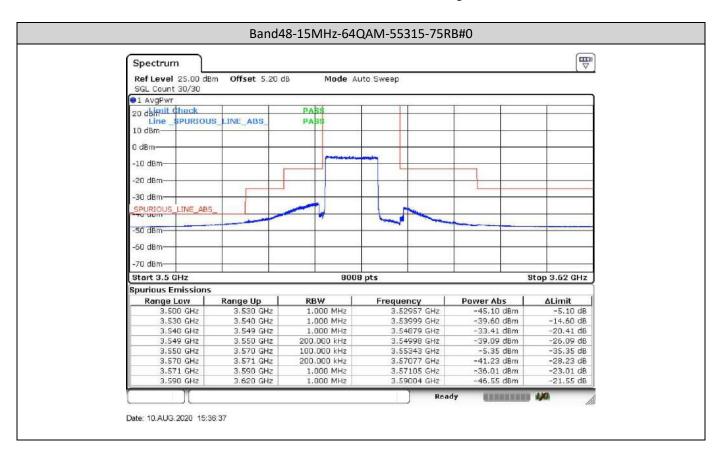
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 90 of 123





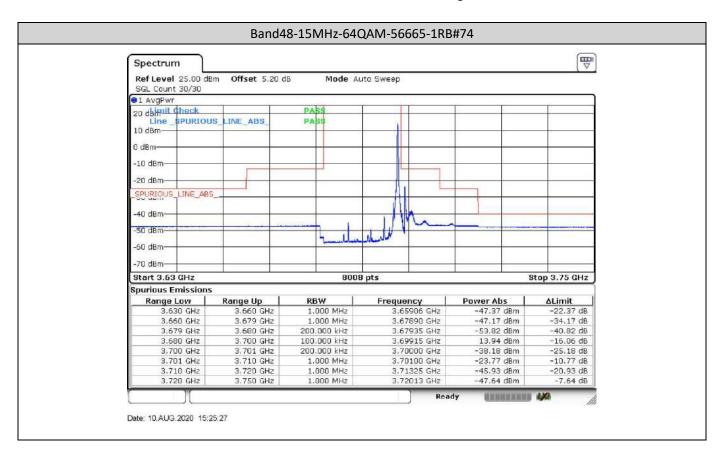
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 91 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

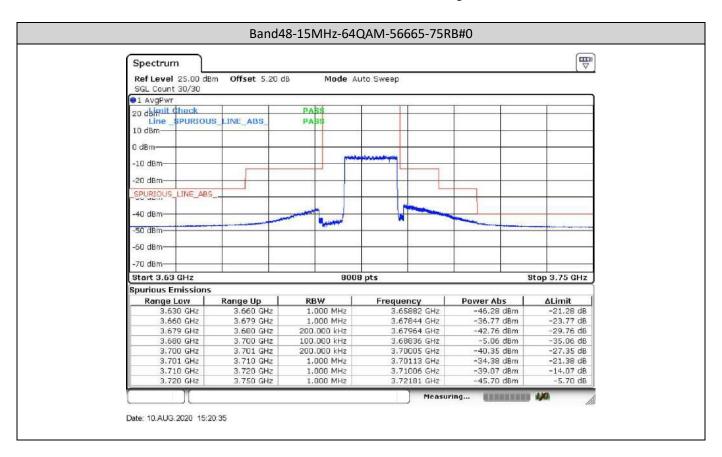
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

or email: CM. Doccheck@sgs.com No.1 Workshop, M-10, Middle Sedtion, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 1 (86–755) 26710594 www.sgsgroup.com.cn 中国 - 深圳 - 科技园中区M-10核一号厂房 邮銷: 518057 t (86–755) 26012053 1 (86–755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 92 of 123

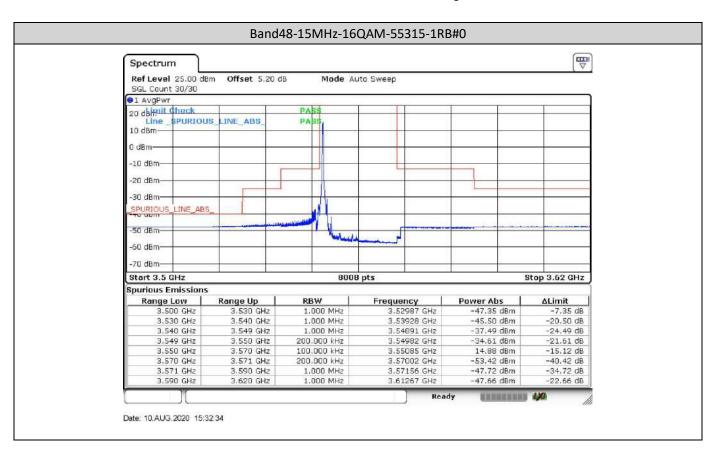






Report No.: ZR/2020/7001701-01

Page: 93 of 123





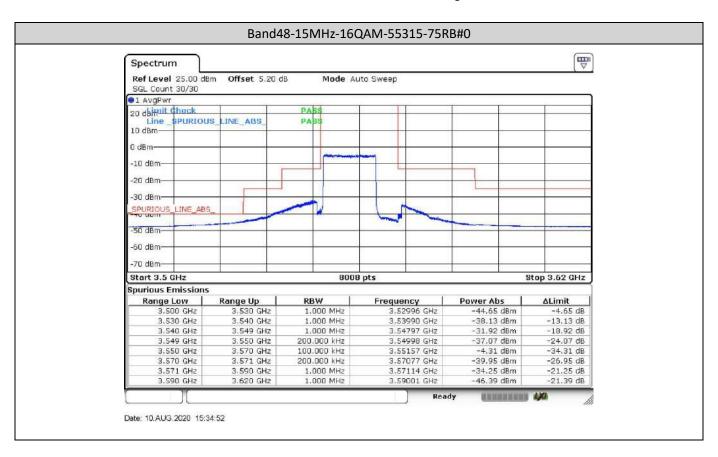
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 94 of 123





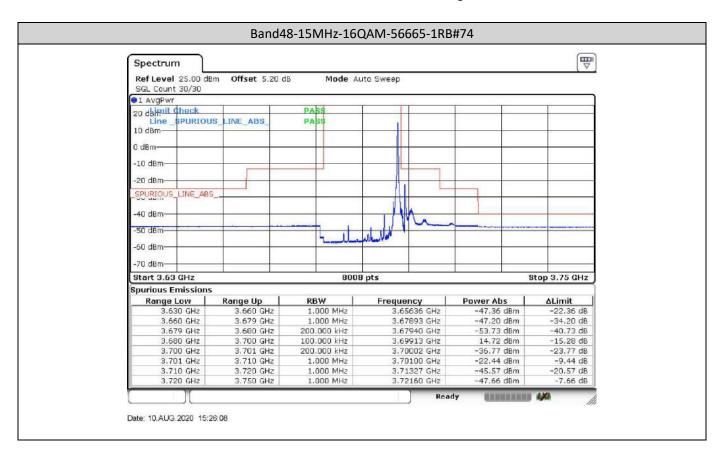
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 95 of 123

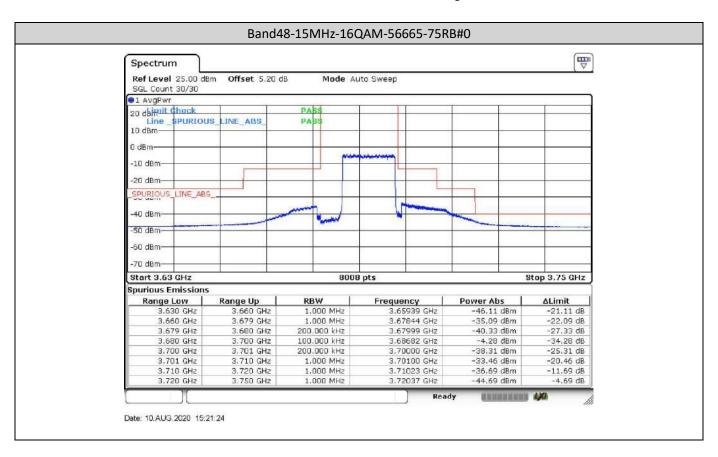






Report No.: ZR/2020/7001701-01

Page: 96 of 123





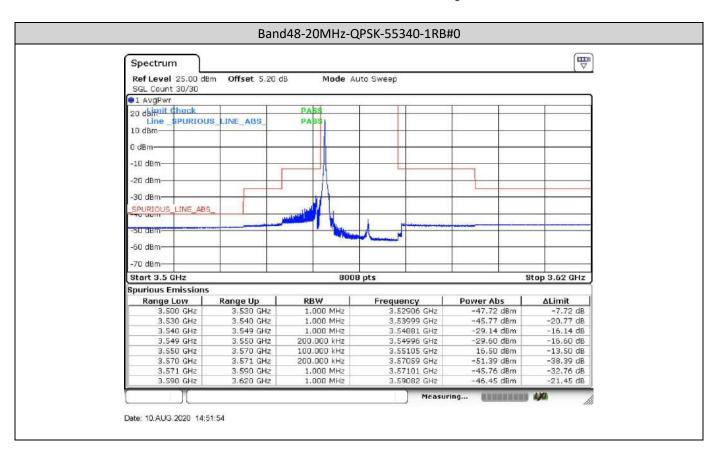
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 97 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

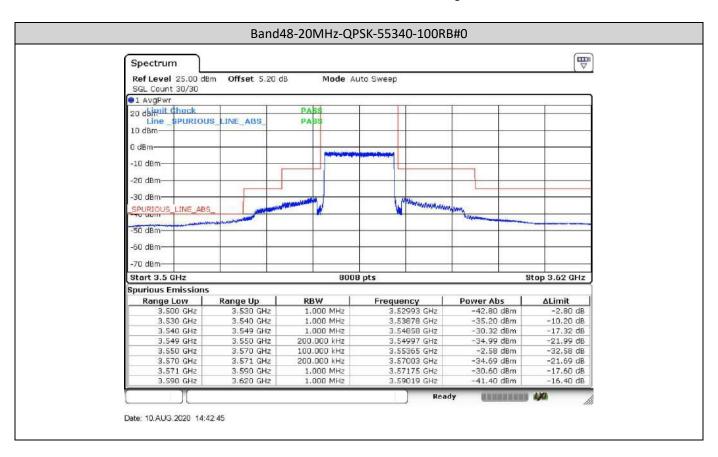
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 98 of 123

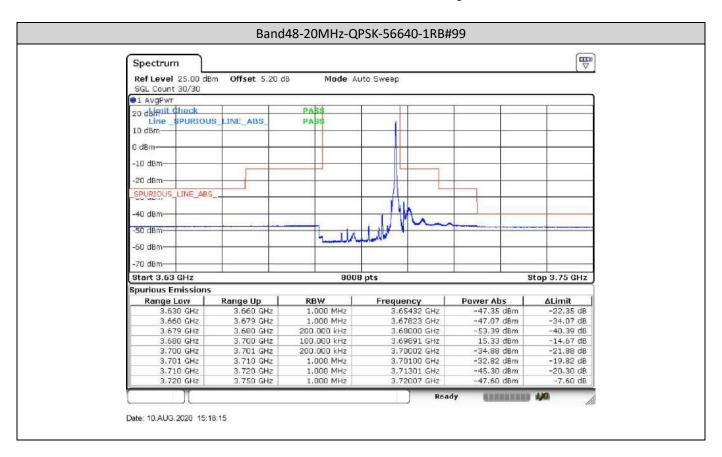






Report No.: ZR/2020/7001701-01

Page: 99 of 123





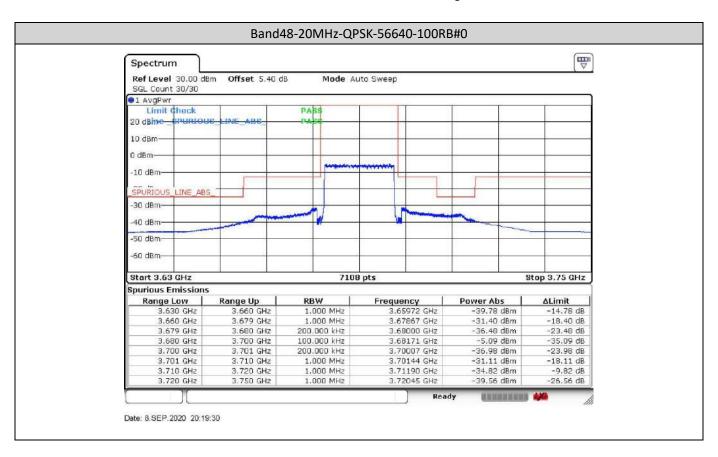
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 100 of 123





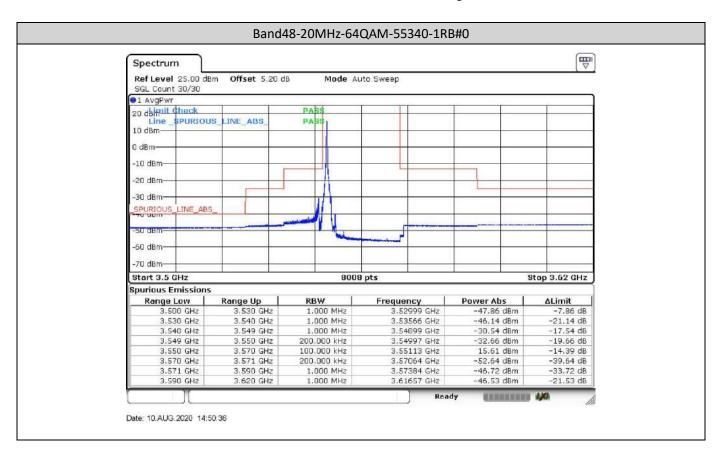
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 101 of 123





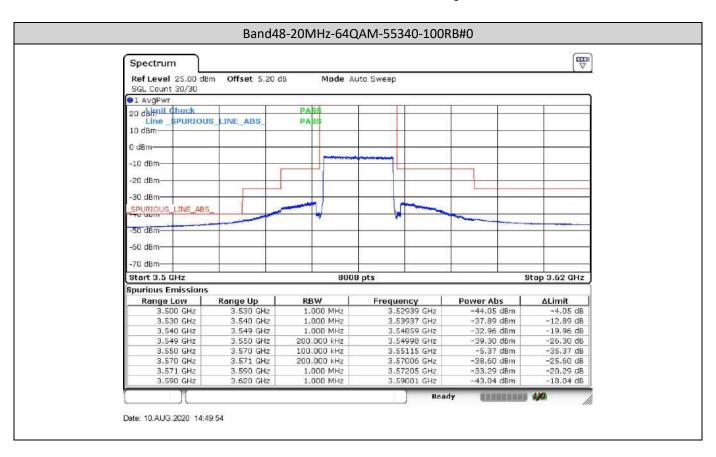
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 102 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

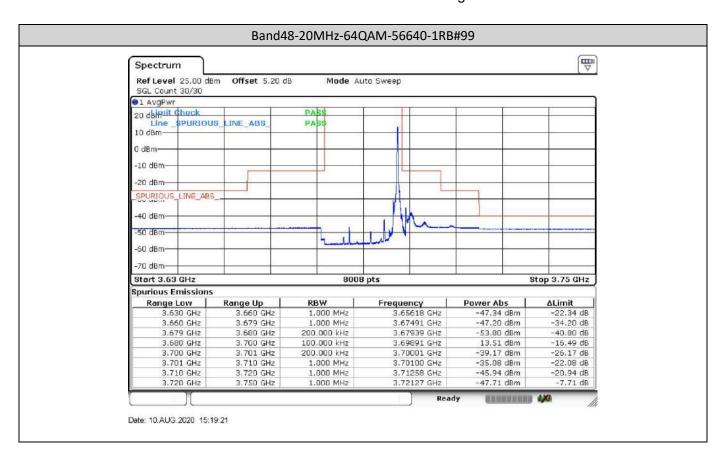
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 103 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

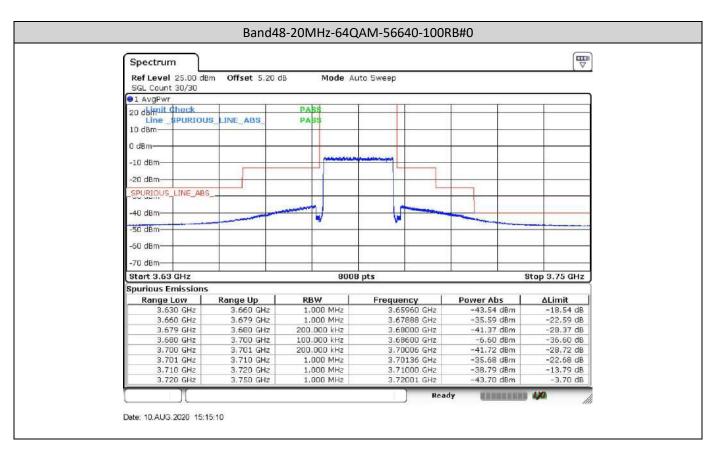
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 104 of 123





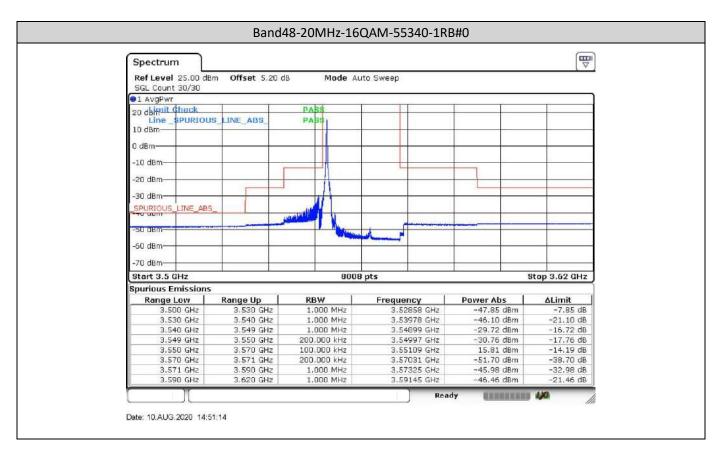
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 105 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

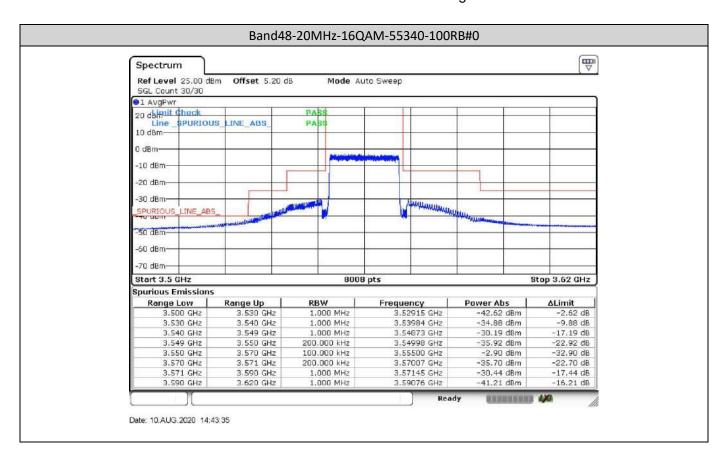
邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 106 of 123

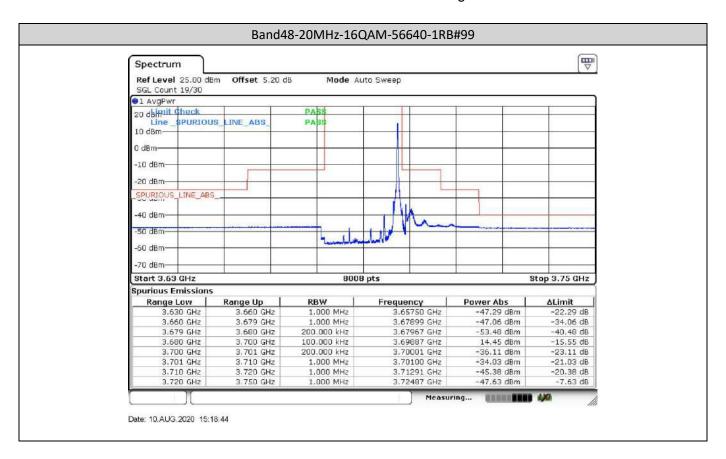






Report No.: ZR/2020/7001701-01

Page: 107 of 123





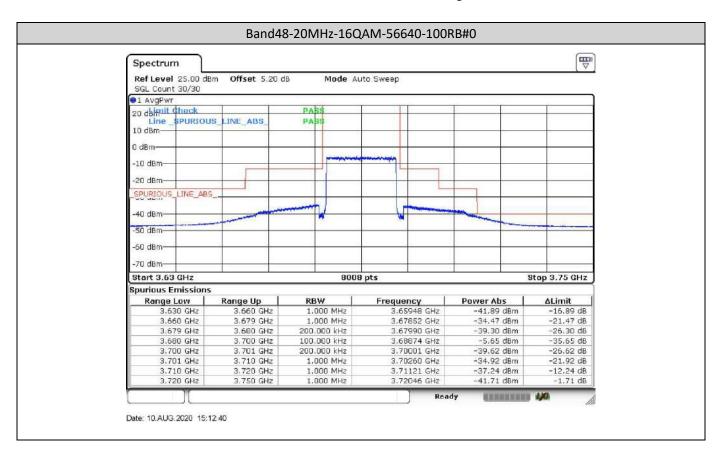
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,



Report No.: ZR/2020/7001701-01

Page: 108 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/rems-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

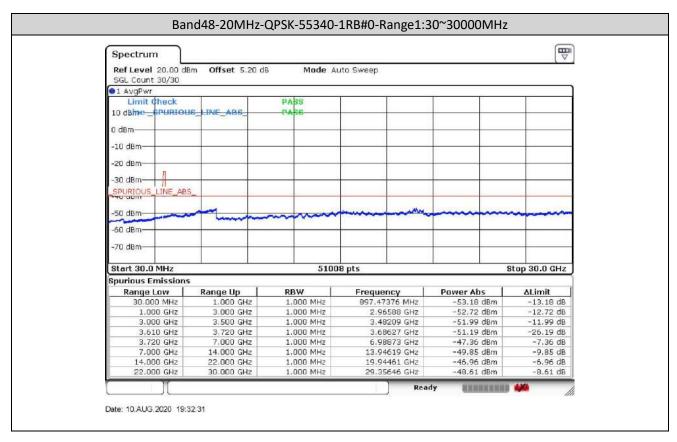
Page: 109 of 123

6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

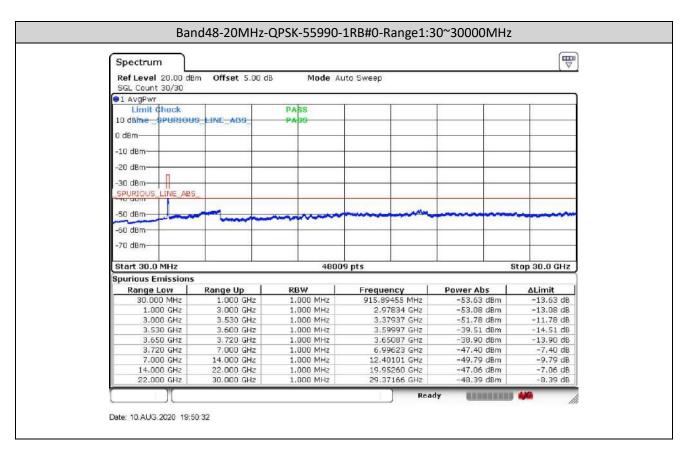






Report No.: ZR/2020/7001701-01

Page: 110 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

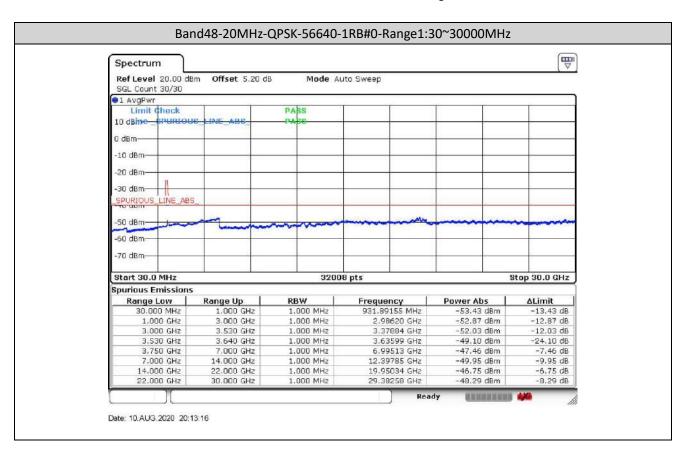
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 111 of 123



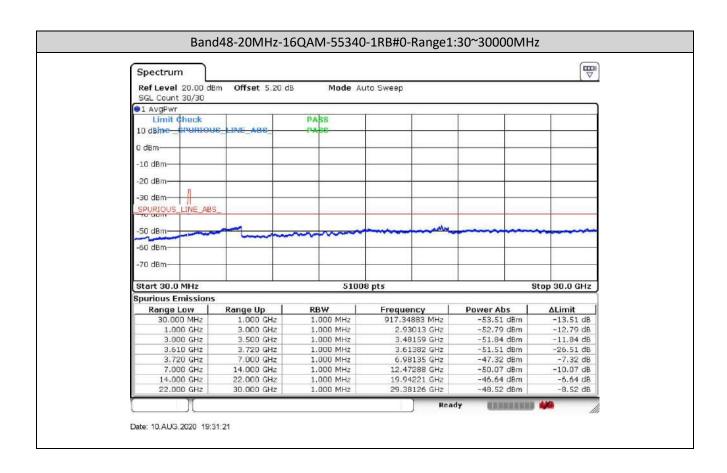


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

Report No.: ZR/2020/7001701-01

Page: 112 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

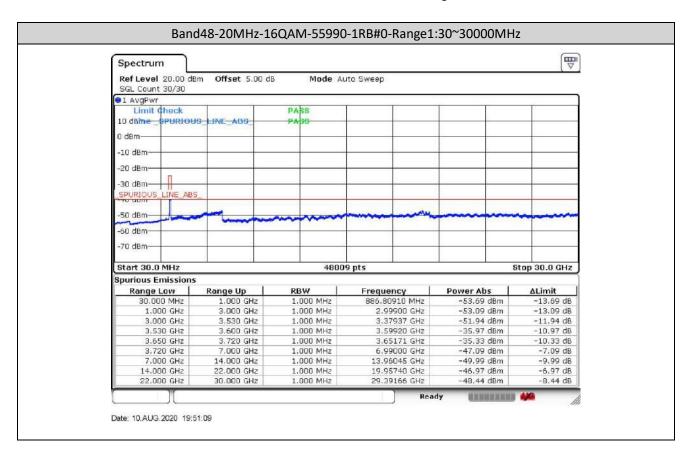
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳•科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 113 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

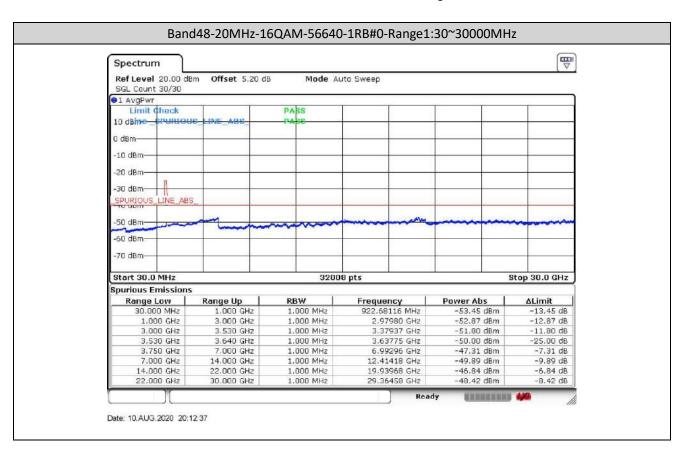
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 114 of 123





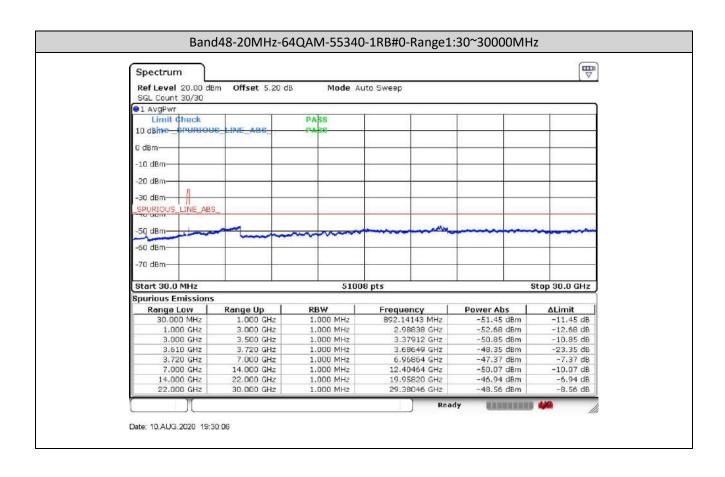
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳•科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Report No.: ZR/2020/7001701-01

Page: 115 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

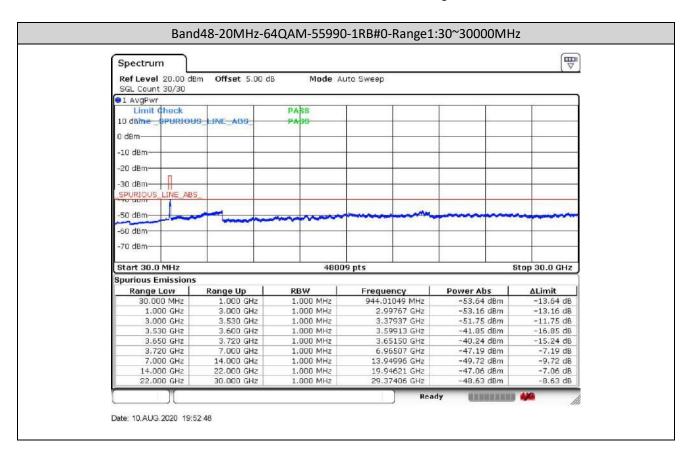
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594

sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 116 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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.

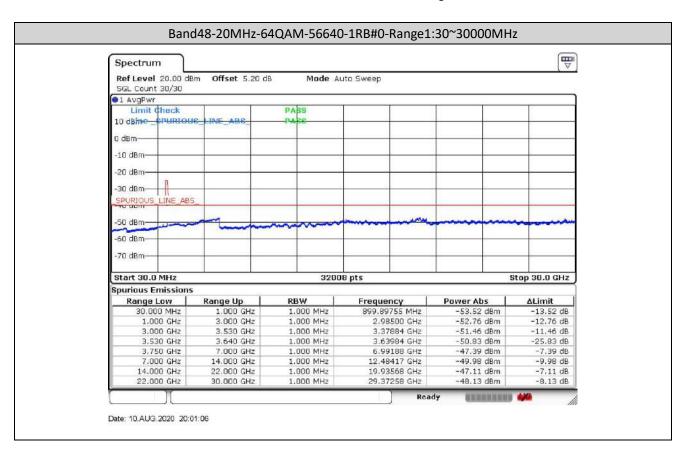
Attention: To check the authenticity of testing /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

Page: 117 of 123





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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10核一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

118 of 123 Page:

7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1.Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
44.1627	-64.36	-40.00	24.36	264	117	Horizontal
246.7573	-67.38	-40.00	27.38	158	117	Horizontal
618.9164	-64.27	-40.00	24.27	196	297	Horizontal
6942.2647	-46.24	-40.00	6.24	154	209	Horizontal
17015.4672	-46.20	-40.00	6.20	231	322	Horizontal
26492.5197	-55.47	-40.00	15.47	294	168	Horizontal
74.9617	-62.14	-40.00	22.14	185	268	Vertical
338.8149	-68.43	-40.00	28.43	174	166	Vertical
2288.3644	-57.17	-40.00	17.17	196	110	Vertical
6946.9316	-46.60	-40.00	6.60	231	81	Vertical
17016.2005	-46.22	-40.00	6.22	262	287	Vertical
26490.1396	-57.04	-40.00	17.04	264	359	Vertical

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization	
42.9016	-63.51	-40.00	23.51	258	138	Horizontal	
233.8072	-67.90	-40.00	27.90	214	20	Horizontal	
754.2867	-61.87	-40.00	21.87	205	204	Horizontal	
6994.9332	-46.17	-40.00	6.17 251		205	Horizontal	
16403.1134	-46.37	-40.00	6.37	259	360	Horizontal	
26495.9198	-57.01	-40.00	17.01	215	42	Horizontal	
74.2342	-62.19	-40.00	22.19	288	135	Vertical	
116.2858	-65.12	-40.00	25.12	274	332	Vertical	
545.0958	-66.28	-40.00	26.28	196	195	Vertical	
6728.3909	-47.71	-40.00	7.71	321	332	Vertical	
17999.6333	-46.39	-40.00	6.39	258	102	Vertical	
26495.9198	-57.05	-40.00	17.05	249	173	Vertical	



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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issue 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 Cilent's Instructions, if any. The Company's sole responsibility is to its Cilent and his 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) lested 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,

sgs.china@sgs.com

Page: 119 of 123

7.1.3.Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
45.9573	-64.27	-40.00	24.27	141	128	Horizontal
229.4905	-67.40	-40.00	27.40	213	128	Horizontal
1598.5299	-63.58	-40.00	23.58	252	252	Horizontal
6992.1331	-46.30	-40.00	6.30 291		202	Horizontal
16398.7133	-46.39	-40.00	6.39	184	157	Horizontal
26494.5598	-56.98	-40.00	16.98	132	173	Horizontal
73.9917	-62.66	-40.00	22.66	258	138	Vertical
112.6481	-65.06	-40.00	25.06	214	20	Vertical
588.9419	-64.17	-40.00	24.17	205	204	Vertical
7362.2787	-51.24	-40.00	11.24	251	205	Vertical
17990.4663	-46.26	-40.00	6.26	259	360	Vertical
26494.5598	-56.95	-40.00	16.95	215	42	Vertical

Remark:

- According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- The disturbance below 30MHz was very low, and the above harmonics were the highest point could be 2 found when testing, so only the worst case data displayed in this report.
- all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report. 3



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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 was at telephone: [86-755] \$307 1443.

Page: 120 of 123

8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	VL	NT	11.19	0.00314	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	VN	NT	6.76	0.00190	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	VH	NT	-9.83	-0.00276	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	VL	NT	3.31	0.00091	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	VN	NT	2.82	0.00078	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	VH	NT	0.28	0.00008	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	VL	NT	6.74	0.00183	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	VN	NT	13.08	0.00355	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	VH	NT	6.44	0.00174	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VL	NT	13.76	0.00386	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VN	NT	14.39	0.00404	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	VH	NT	0.36	0.00010	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VL	NT	-10.85	-0.00299	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VN	NT	7.60	0.00210	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	VH	NT	4.07	0.00112	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VL	NT	-1.34	-0.00036	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VN	NT	-14.49	-0.00393	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	VH	NT	2.64	0.00072	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	VL	NT	0.71	0.00020	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	VN	NT	10.04	0.00282	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	VH	NT	4.82	0.00135	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VL	NT	9.78	0.00270	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VN	NT	-4.00	-0.00110	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	VH	NT	-14.48	-0.00399	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VL	NT	-12.05	-0.00327	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VN	NT	-5.10	-0.00138	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	VH	NT	-12.09	-0.00328	±2.5	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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,

121 of 123 Page:

8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temper ature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band48	20MHz	QPSK	55340	100RB#0	NV	-30	5.94	0.00167	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-20	-2.45	-0.00069	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	-10	12.58	0.00353	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	0	13.30	0.00373	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	10	-11.88	-0.00334	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	20	-4.74	-0.00133	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	30	4.15	0.00116	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	40	13.96	0.00392	±2.5	PASS
Band48	20MHz	QPSK	55340	100RB#0	NV	50	-13.17	-0.00370	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-30	-6.60	-0.00182	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-20	-8.46	-0.00233	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	-10	2.17	0.00060	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	0	8.56	0.00236	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	10	7.64	0.00211	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	20	-1.11	-0.00031	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	30	1.10	0.00030	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	40	-4.53	-0.00125	±2.5	PASS
Band48	20MHz	QPSK	55990	100RB#0	NV	50	-1.57	-0.00043	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-30	-3.06	-0.00083	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-20	-1.16	-0.00031	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	-10	5.89	0.00160	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	0	1.36	0.00037	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	10	-14.97	-0.00406	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	20	-10.64	-0.00288	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	30	-11.62	-0.00315	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	40	-9.26	-0.00251	±2.5	PASS
Band48	20MHz	QPSK	56640	100RB#0	NV	50	-7.01	-0.00190	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-30	-1.50	-0.00042	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-20	-13.86	-0.00389	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	-10	1.86	0.00052	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	0	-12.78	-0.00359	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	10	-2.92	-0.00082	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	20	1.43	0.00040	±2.5	PASS
Band48	20MHz	64QAM	55340	100RB#0	NV	30	-14.21	-0.00399	±2.5	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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

122 of 123 Page:

Band48	20MHz	64QAM	55340	100RB#0	NV	40	-0.79	-0.00022	±2.5	PASS
		-		100RB#0	NV		14.45	0.00406		PASS
Band48	20MHz	64QAM	55340			50			±2.5	
Band48	20MHz	64QAM	55990	100RB#0	NV	-30	0.93	0.00026	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-20	3.56	0.00098	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	-10	1.60	0.00044	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	0	-4.45	-0.00123	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	10	13.42	0.00370	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	20	-11.12	-0.00307	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	30	-9.33	-0.00257	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	40	0.84	0.00023	±2.5	PASS
Band48	20MHz	64QAM	55990	100RB#0	NV	50	8.97	0.00247	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-30	-8.21	-0.00223	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-20	-8.33	-0.00226	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	-10	-8.16	-0.00221	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	0	-7.40	-0.00201	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	10	-2.14	-0.00058	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	20	5.69	0.00154	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	30	-1.41	-0.00038	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	40	13.67	0.00370	±2.5	PASS
Band48	20MHz	64QAM	56640	100RB#0	NV	50	6.01	0.00163	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-30	-9.29	-0.00261	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-20	4.89	0.00137	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	-10	6.37	0.00179	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	0	-2.47	-0.00069	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	10	8.51	0.00239	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	20	-14.11	-0.00396	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	30	-7.89	-0.00221	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	40	10.95	0.00308	±2.5	PASS
Band48	20MHz	16QAM	55340	100RB#0	NV	50	-8.92	-0.00250	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-30	-4.82	-0.00133	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-20	1.45	0.00040	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	-10	-2.07	-0.00057	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	0	5.04	0.00139	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	10	12.08	0.00333	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	20	-11.61	-0.00320	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	30	6.37	0.00176	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	40	3.80	0.00105	±2.5	PASS
Band48	20MHz	16QAM	55990	100RB#0	NV	50	-2.14	-0.00059	±2.5	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 http://www.sgs.com/en/Terms-and-Conditions.sgg and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/ferms-e-Document.aspx. 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 invention only and within the limits of Cilent's instructions, if any. The Company's sole responsibility is to its Cilent 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 /imspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/7001701-01

123 of 123 Page:

Band48	20MHz	16QAM	56640	100RB#0	NV	-30	-3.75	-0.00102	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-20	0.88	0.00024	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	-10	-12.37	-0.00335	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	0	-1.97	-0.00053	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	10	-4.45	-0.00121	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	20	5.70	0.00155	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	30	11.81	0.00320	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	40	4.89	0.00133	±2.5	PASS
Band48	20MHz	16QAM	56640	100RB#0	NV	50	10.95	0.00297	±2.5	PASS

The End



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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Ferms-e-Document.aspx. 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 Cilent'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,