Page: 1 of 72

Appendix B

E-UTRA Band 4



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) sear entained for 30 days only.

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

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

Page: 2 of 72

CONTENT

1	EFF	FECTIVE (ISOTROPIC) RADIATED POWER	3
	1.1.	TEST RESULT	3
2.	PE	AK-TO-AVERAGE RATIO (CCDF)	10
	2.1.	TEST RESULT	10
	2.2.	TEST PLOTS	10
3.	МО	DULATION CHARACTERISTICS	14
	3.1.	TEST MODE = LTE /TM1 20MHz	14
	3.1.1.	TEST CHANNEL = MCH	14
	3.2.	TEST MODE = LTE /TM2 20MHz	15
	3.2.1.	TEST CHANNEL = MCH	15
4.	26D	DB BANDWIDTH AND OCCUPIED BANDWIDTH	16
	4.1.	TEST RESULT	16
	4.2.	TEST PLOTS	17
5.	BAI	ND EDGE COMPLIANCE	36
	5.1.	TEST PLOTS	36
6.	SPU	URIOUS EMISSION AT ANTENNA TERMINAL	61
	6.1.	Test Plots	6′
7.	FIE	LD STRENGTH OF SPURIOUS RADIATION	68
	7.1.	TEST MODE =LTE/TM1 20MHz	68
	7.1.1.		
	7.1.2.	Test Channel = MCH	68
	7.1.3.	TEST CHANNEL = HCH	69
8.	FRE	EQUENCY STABILITY	70
	8.1.	FREQUENCY VS VOLTAGE	70
	8.2.	FREQUENCY VS TEMPERATURE	70



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

Page: 3 of 72

Effective (Isotropic) Radiated Power

1.1. Test Result

Dond	Danadu ii alth	Madulation	Channal	RB	Result	EIRP	Limit	\/o mdi ot
Band	Bandwidth	Modulation	Channel	Config.	(dBm)	(dBm)	(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.34	16.34	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.35	16.35	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.20	16.2	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	22.32	16.32	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	22.38	16.38	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	22.35	16.35	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.35	15.35	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.29	16.29	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.28	16.28	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.30	16.3	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	22.20	16.2	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	22.40	16.4	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	22.35	16.35	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.27	15.27	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.02	16.02	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	21.94	15.94	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.07	16.07	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	22.01	16.01	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	22.05	16.05	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	22.10	16.1	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	20.93	14.93	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	20.78	14.78	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.03	15.03	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	20.71	14.71	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	21.45	15.45	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	21.54	15.54	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	21.61	15.61	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.23	14.23	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	20.77	14.77	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.14	15.14	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	20.85	14.85	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	21.39	15.39	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 4 of 72

		T	Т	T	Т		T	1
Band4	1.4MHz	16QAM	20175	3RB#1	21.41	15.41	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	21.46	15.46	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.59	14.59	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	20.45	14.45	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	20.84	14.84	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	20.50	14.5	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	21.01	15.01	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	21.23	15.23	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	21.21	15.21	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.08	14.08	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.26	16.26	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.57	16.57	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.19	16.19	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	21.39	15.39	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	21.53	15.53	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	21.39	15.39	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.36	15.36	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.29	16.29	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.17	16.17	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.01	16.01	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	21.30	15.3	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	21.34	15.34	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	21.25	15.25	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.29	15.29	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	21.83	15.83	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.00	16	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	21.78	15.78	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	20.85	14.85	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	20.88	14.88	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	20.88	14.88	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	20.89	14.89	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.09	15.09	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	20.78	14.78	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.10	15.1	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	20.27	14.27	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	20.71	14.71	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	20.25	14.25	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.48	14.48	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 5 of 72

		Г	Т	1		Г	Г	1
Band4	3MHz	16QAM	20175	1RB#0	21.00	15	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	20.92	14.92	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	20.89	14.89	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	20.18	14.18	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	20.13	14.13	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	20.15	14.15	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.31	14.31	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	20.42	14.42	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	20.57	14.57	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	20.56	14.56	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	19.68	13.68	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	19.73	13.73	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	19.87	13.87	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	19.97	13.97	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.27	16.27	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.52	16.52	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	21.92	15.92	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	21.44	15.44	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	21.40	15.4	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	21.31	15.31	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.36	15.36	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.14	16.14	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.61	16.61	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	21.91	15.91	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	21.35	15.35	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	21.45	15.45	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	21.22	15.22	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.22	15.22	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	21.90	15.9	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.01	16.01	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	21.72	15.72	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	21.10	15.1	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	20.97	14.97	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	20.90	14.9	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	20.93	14.93	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	20.89	14.89	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.27	15.27	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	20.86	14.86	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 6 of 72

Dand4	5MU¬	16OAM	10075	12RB#0	20.32	14.32	20.00	PASS
Band4	5MHz 5MHz	16QAM	19975	12RB#0 12RB#6	20.32	14.32	30.00	
Band4		16QAM	19975				30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	20.35	14.35	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.37	14.37	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	20.96	14.96	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.69	15.69	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	20.84	14.84	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	20.42	14.42	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	20.32	14.32	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	20.31	14.31	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.33	14.33	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	20.64	14.64	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.29	15.29	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	20.66	14.66	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	19.81	13.81	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	20.03	14.03	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	19.85	13.85	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.83	13.83	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.35	16.35	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.80	16.8	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	22.04	16.04	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	21.49	15.49	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	21.51	15.51	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	21.30	15.3	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.36	15.36	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.14	16.14	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.58	16.58	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	21.83	15.83	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	21.37	15.37	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	21.41	15.41	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	21.14	15.14	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.19	15.19	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.09	16.09	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.42	16.42	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	21.74	15.74	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	21.20	15.2	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	21.06	15.06	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	20.88	14.88	30.00	PASS
	. 5 12	3. 5.1		_5		1	1 30.00	



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 7 of 72

D 14	401411-	OPOK	00050	50DD //0	04.04	45.04	00.00	DAGO
Band4	10MHz	QPSK	20350	50RB#0	21.01	15.01	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.09	15.09	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.14	15.14	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	20.93	14.93	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	20.38	14.38	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	20.34	14.34	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	20.38	14.38	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.28	14.28	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	20.87	14.87	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.62	15.62	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	20.72	14.72	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	20.29	14.29	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	20.36	14.36	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	20.18	14.18	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.29	14.29	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	20.96	14.96	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	20.79	14.79	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	20.83	14.83	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	20.08	14.08	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	19.99	13.99	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	20.04	14.04	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.99	13.99	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.42	16.42	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.76	16.76	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.10	16.1	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.27	16.27	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.87	16.87	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.67	16.67	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.36	15.36	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.13	16.13	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.89	16.89	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	21.69	15.69	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.36	16.36	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.63	16.63	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.19	16.19	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.20	15.2	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.09	16.09	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.53	16.53	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 8 of 72

Band4	15MHz	QPSK	20325	1RB#74	21.47	15.47	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.30	16.3	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.57	16.57	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.26	16.26	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	20.95	14.95	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.05	15.05	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	20.98	14.98	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.07	15.07	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.05	15.05	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.08	15.08	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.44	15.44	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.51	14.51	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	20.95	14.95	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	20.88	14.88	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	20.79	14.79	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	20.95	14.95	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	20.87	14.87	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.33	15.33	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	20.42	14.42	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	20.87	14.87	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	20.61	14.61	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	20.64	14.64	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	20.92	14.92	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	20.68	14.68	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	20.89	14.89	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.00	14	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.32	16.32	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.92	16.92	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.04	16.04	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	21.39	15.39	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	21.46	15.46	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	21.21	15.21	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.41	15.41	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.17	16.17	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.08	17.08	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	21.57	15.57	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	21.42	15.42	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	21.41	15.41	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 9 of 72

Band4 20MHz QPSK 20175 50RB#50 21.16 15.16 30.00 PASS Band4 20MHz QPSK 20175 100RB#0 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 1RB#0 22.21 16.21 30.00 PASS Band4 20MHz QPSK 20300 1RB#99 21.60 15.6 30.00 PASS Band4 20MHz QPSK 20300 50RB#0 21.40 15.4 30.00 PASS Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#9 20.74 14.74 30.00 PASS <									
Band4 20MHz QPSK 20300 1RB#0 22.21 16.21 30.00 PASS Band4 20MHz QPSK 20300 1RB#49 22.74 16.74 30.00 PASS Band4 20MHz QPSK 20300 1RB#99 21.60 15.6 30.00 PASS Band4 20MHz QPSK 20300 50RB#0 21.40 15.4 30.00 PASS Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#49 20.74 14.74 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.33 14.33 30.00 PASS	Band4	20MHz	QPSK	20175	50RB#50	21.16	15.16	30.00	PASS
Band4 20MHz QPSK 20300 1RB#49 22.74 16.74 30.00 PASS Band4 20MHz QPSK 20300 1RB#99 21.60 15.6 30.00 PASS Band4 20MHz QPSK 20300 50RB#0 21.40 15.4 30.00 PASS Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 100RB#50 20.78 14.78 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#49 20.74 14.74 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.83 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS	Band4	20MHz	QPSK	20175	100RB#0	21.21	15.21	30.00	PASS
Band4 20MHz QPSK 20300 1RB#99 21.60 15.6 30.00 PASS Band4 20MHz QPSK 20300 50RB#0 21.40 15.4 30.00 PASS Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz QPSK 20300 100RB#0 21.20 15.2 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#49 20.74 14.74 30.00 PASS Band4 20MHz 16QAM 20050 50RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS	Band4	20MHz	QPSK	20300	1RB#0	22.21	16.21	30.00	PASS
Band4 20MHz QPSK 20300 50RB#0 21.40 15.4 30.00 PASS Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz QPSK 20300 100RB#0 21.20 15.2 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS	Band4	20MHz	QPSK	20300	1RB#49	22.74	16.74	30.00	PASS
Band4 20MHz QPSK 20300 50RB#25 21.21 15.21 30.00 PASS Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz QPSK 20300 100RB#0 21.20 15.2 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#9 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS	Band4	20MHz	QPSK	20300	1RB#99	21.60	15.6	30.00	PASS
Band4 20MHz QPSK 20300 50RB#50 20.78 14.78 30.00 PASS Band4 20MHz QPSK 20300 100RB#0 21.20 15.2 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#90 21.06 15.06 30.00 PASS	Band4	20MHz	QPSK	20300	50RB#0	21.40	15.4	30.00	PASS
Band4 20MHz QPSK 20300 100RB#0 21.20 15.2 30.00 PASS Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#5 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS	Band4	20MHz	QPSK	20300	50RB#25	21.21	15.21	30.00	PASS
Band4 20MHz 16QAM 20050 1RB#0 20.81 14.81 30.00 PASS Band4 20MHz 16QAM 20050 1RB#49 20.74 14.74 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS	Band4	20MHz	QPSK	20300	50RB#50	20.78	14.78	30.00	PASS
Band4 20MHz 16QAM 20050 1RB#49 20.74 14.74 30.00 PASS Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS	Band4	20MHz	QPSK	20300	100RB#0	21.20	15.2	30.00	PASS
Band4 20MHz 16QAM 20050 1RB#99 20.80 14.8 30.00 PASS Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS	Band4	20MHz	16QAM	20050	1RB#0	20.81	14.81	30.00	PASS
Band4 20MHz 16QAM 20050 50RB#0 20.33 14.33 30.00 PASS Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS	Band4	20MHz	16QAM	20050	1RB#49	20.74	14.74	30.00	PASS
Band4 20MHz 16QAM 20050 50RB#25 20.27 14.27 30.00 PASS Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS <tr< td=""><td>Band4</td><td>20MHz</td><td>16QAM</td><td>20050</td><td>1RB#99</td><td>20.80</td><td>14.8</td><td>30.00</td><td>PASS</td></tr<>	Band4	20MHz	16QAM	20050	1RB#99	20.80	14.8	30.00	PASS
Band4 20MHz 16QAM 20050 50RB#50 20.37 14.37 30.00 PASS Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS <tr< td=""><td>Band4</td><td>20MHz</td><td>16QAM</td><td>20050</td><td>50RB#0</td><td>20.33</td><td>14.33</td><td>30.00</td><td>PASS</td></tr<>	Band4	20MHz	16QAM	20050	50RB#0	20.33	14.33	30.00	PASS
Band4 20MHz 16QAM 20050 100RB#0 20.36 14.36 30.00 PASS Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS	Band4	20MHz	16QAM	20050	50RB#25	20.27	14.27	30.00	PASS
Band4 20MHz 16QAM 20175 1RB#0 21.06 15.06 30.00 PASS Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS	Band4	20MHz	16QAM	20050	50RB#50	20.37	14.37	30.00	PASS
Band4 20MHz 16QAM 20175 1RB#49 21.05 15.05 30.00 PASS Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS	Band4	20MHz	16QAM	20050	100RB#0	20.36	14.36	30.00	PASS
Band4 20MHz 16QAM 20175 1RB#99 20.86 14.86 30.00 PASS Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS	Band4	20MHz	16QAM	20175	1RB#0	21.06	15.06	30.00	PASS
Band4 20MHz 16QAM 20175 50RB#0 20.40 14.4 30.00 PASS Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS	Band4	20MHz	16QAM	20175	1RB#49	21.05	15.05	30.00	PASS
Band4 20MHz 16QAM 20175 50RB#25 20.28 14.28 30.00 PASS Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS <td>Band4</td> <td>20MHz</td> <td>16QAM</td> <td>20175</td> <td>1RB#99</td> <td>20.86</td> <td>14.86</td> <td>30.00</td> <td>PASS</td>	Band4	20MHz	16QAM	20175	1RB#99	20.86	14.86	30.00	PASS
Band4 20MHz 16QAM 20175 50RB#50 20.21 14.21 30.00 PASS Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20175	50RB#0	20.40	14.4	30.00	PASS
Band4 20MHz 16QAM 20175 100RB#0 20.42 14.42 30.00 PASS Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20175	50RB#25	20.28	14.28	30.00	PASS
Band4 20MHz 16QAM 20300 1RB#0 20.88 14.88 30.00 PASS Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20175	50RB#50	20.21	14.21	30.00	PASS
Band4 20MHz 16QAM 20300 1RB#49 21.58 15.58 30.00 PASS Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20175	100RB#0	20.42	14.42	30.00	PASS
Band4 20MHz 16QAM 20300 1RB#99 20.72 14.72 30.00 PASS Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20300	1RB#0	20.88	14.88	30.00	PASS
Band4 20MHz 16QAM 20300 50RB#0 20.17 14.17 30.00 PASS Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20300	1RB#49	21.58	15.58	30.00	PASS
Band4 20MHz 16QAM 20300 50RB#25 19.96 13.96 30.00 PASS Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20300	1RB#99	20.72	14.72	30.00	PASS
Band4 20MHz 16QAM 20300 50RB#50 19.95 13.95 30.00 PASS	Band4	20MHz	16QAM	20300	50RB#0	20.17	14.17	30.00	PASS
	Band4	20MHz	16QAM	20300	50RB#25	19.96	13.96	30.00	PASS
Band4 20MHz 16QAM 20300 100RB#0 20.12 14.12 30.00 PASS	Band4	20MHz	16QAM	20300	50RB#50	19.95	13.95	30.00	PASS
	Band4	20MHz	16QAM	20300	100RB#0	20.12	14.12	30.00	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]



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

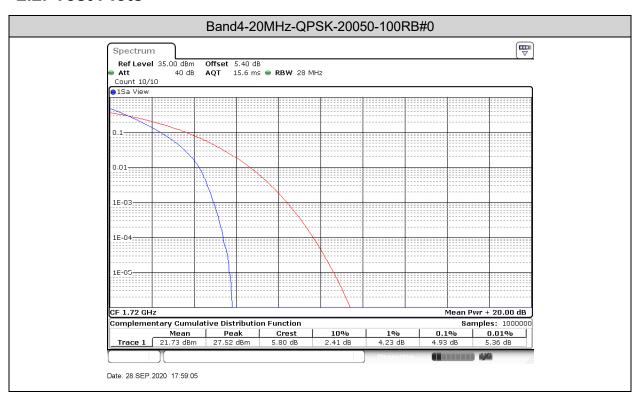
Page: 10 of 72

2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.87	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.01	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.80	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.71	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.88	13	PASS

2.2. Test Plots



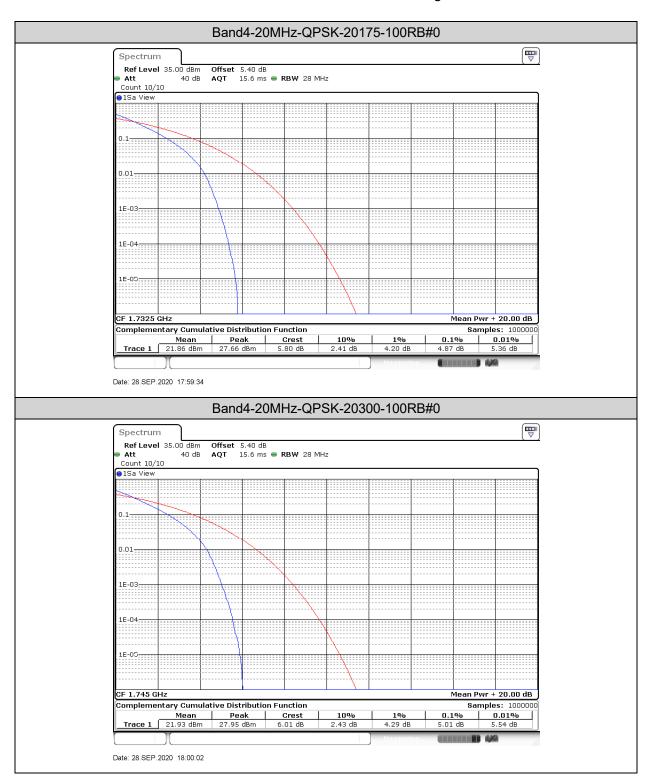


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

Report No.: ZR/2020/9003701

11 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

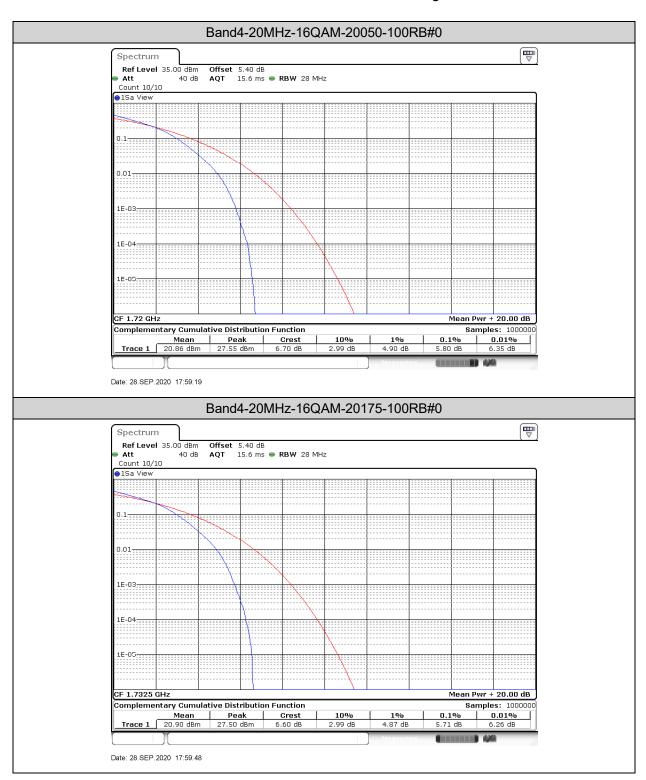
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn

sgs.china@sgs.com

中国·深圳·科技园中区M-10栋一号厂房

Report No.: ZR/2020/9003701

12 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

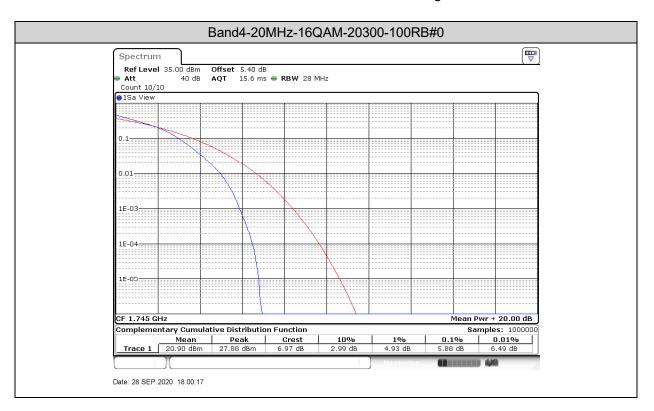
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

13 of 72 Page:





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.gspx.and, for electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

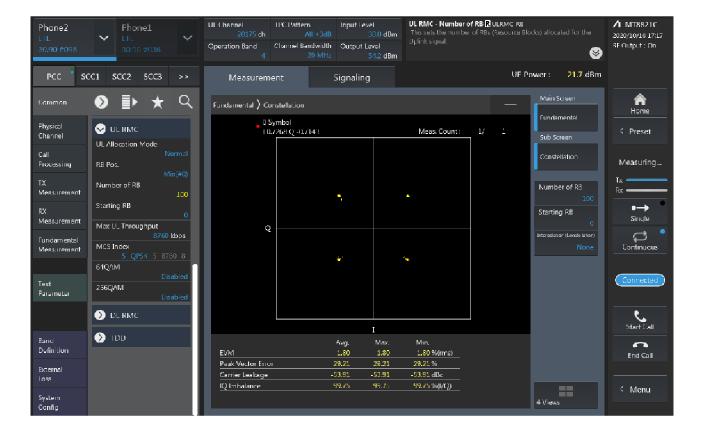
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

Page: 14 of 72

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1.Test Channel = MCH

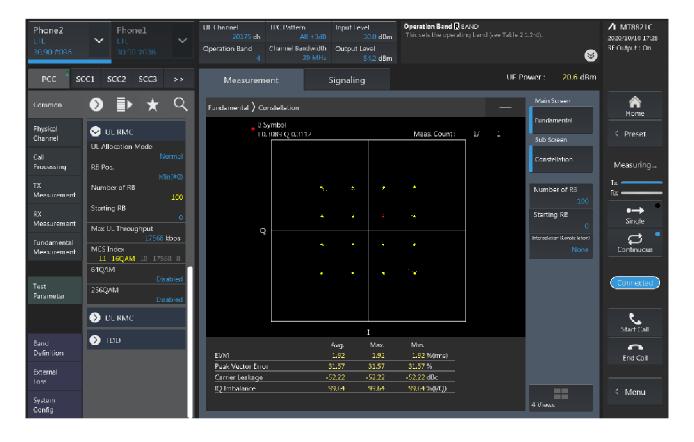




15 of 72 Page:

3.2. Test Mode = LTE /TM2 20MHz

3.2.1.Test Channel = MCH





Page: 16 of 72

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.290	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.094	1.296	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.284	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.287	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.091	1.272	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.091	1.275	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	3.000	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.697	2.994	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.976	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.970	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.685	2.958	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.466	4.900	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.910	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.910	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.930	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.980	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.476	4.970	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.911	9.700	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.680	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.931	9.700	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.740	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.800	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.911	9.720	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.427	14.700	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.427	14.640	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.427	14.670	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.397	14.700	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	14.640	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.427	14.640	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.822	19.240	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 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

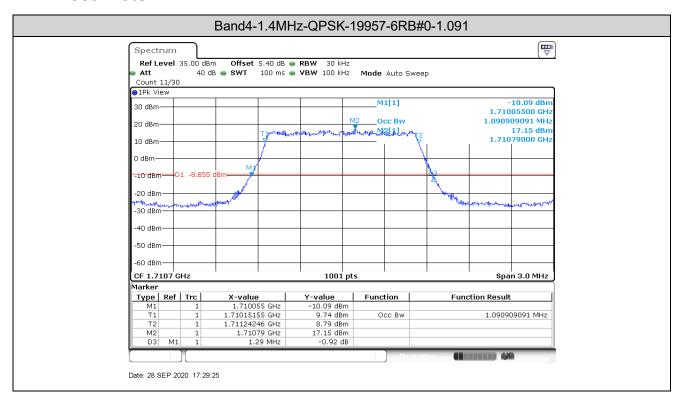


Report No.: ZR/2020/9003701

17 of 72 Page:

Band4	20MHz	QPSK	20175	100RB#0	17.822	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.822	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.822	19.440	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.400	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.862	19.360	PASS

4.2. Test Plots



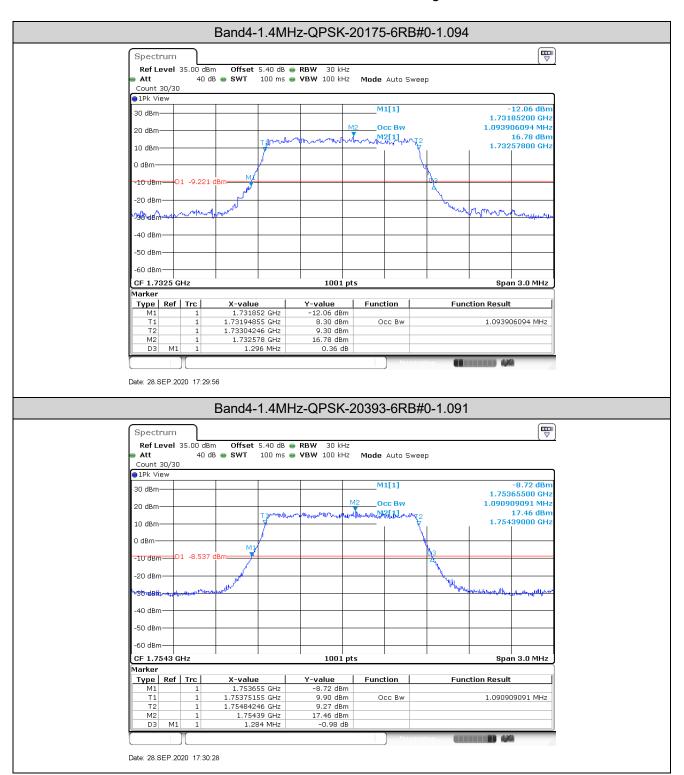


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

Report No.: ZR/2020/9003701

18 of 72 Page:





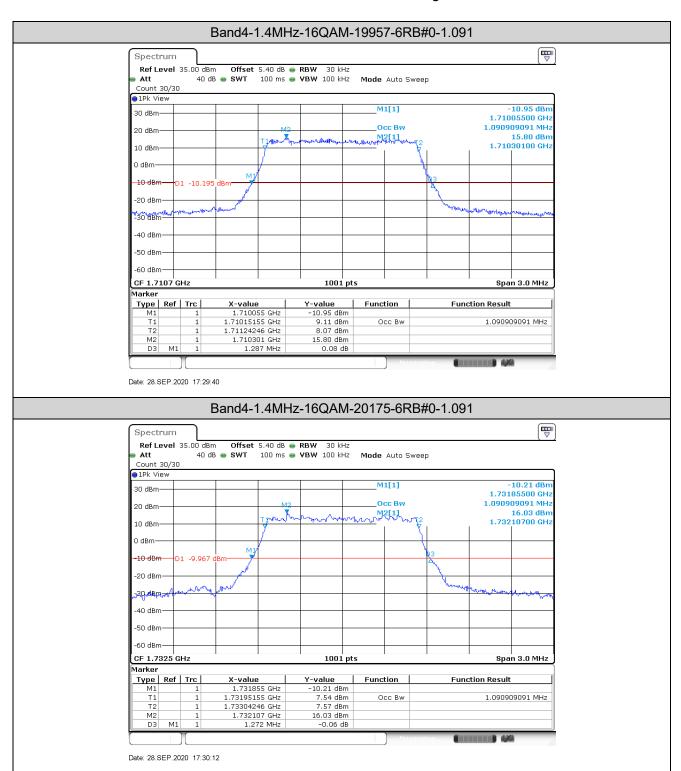
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

19 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

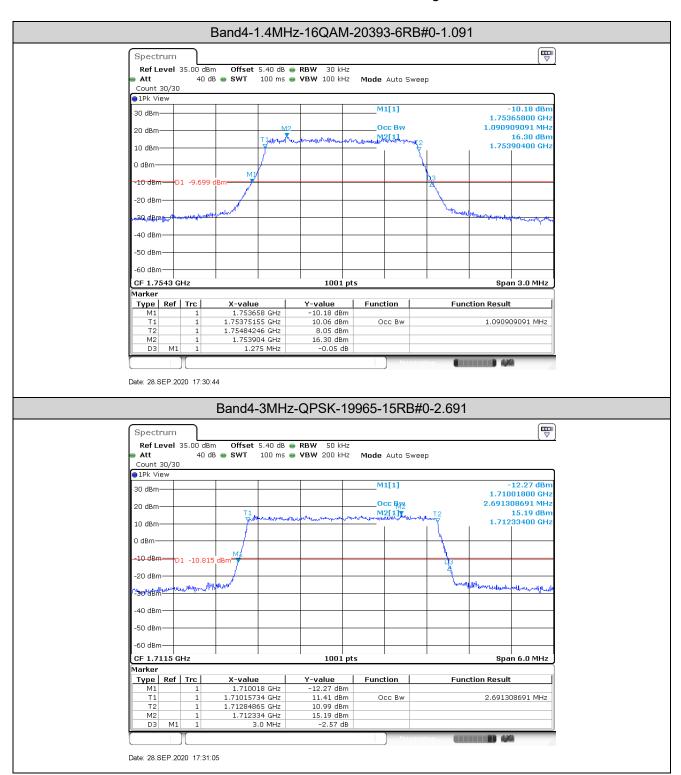
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

20 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

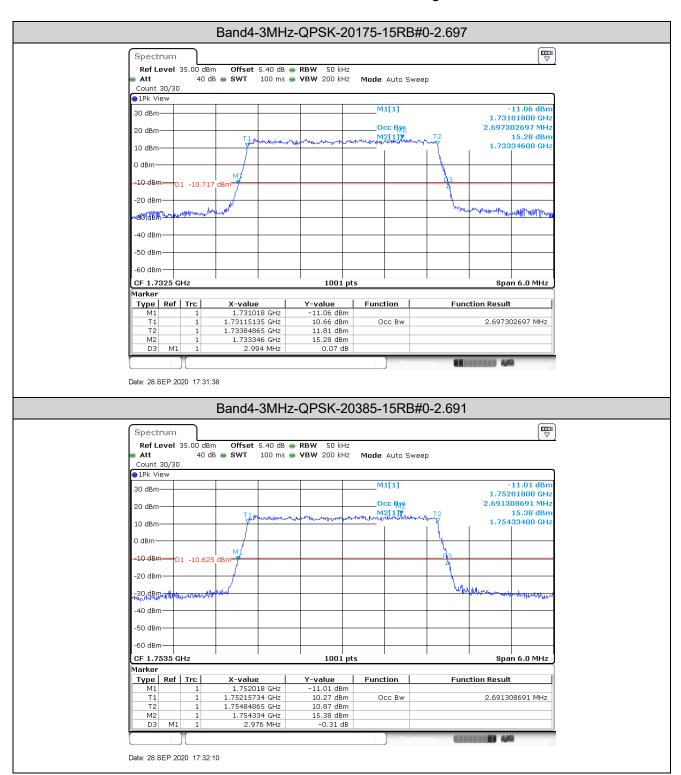
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

21 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

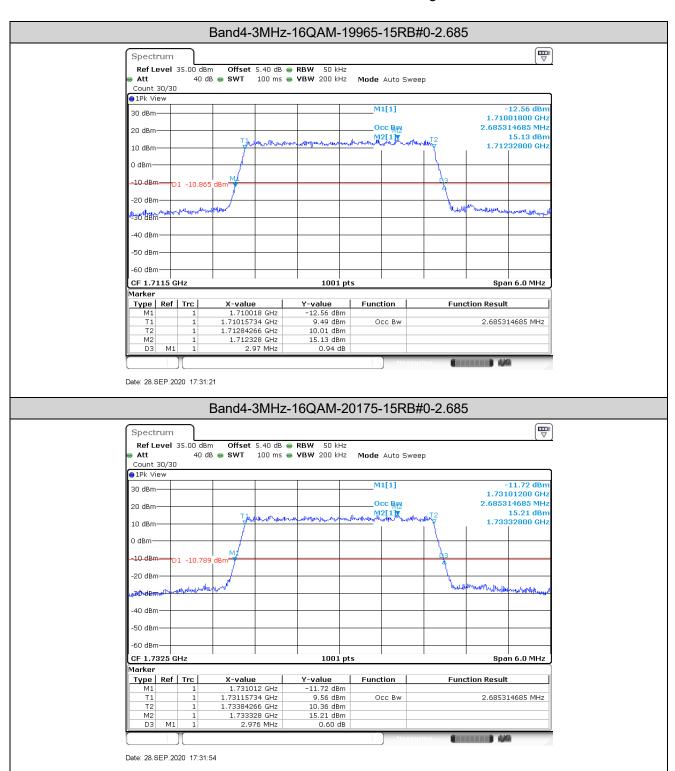
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

22 of 72 Page:





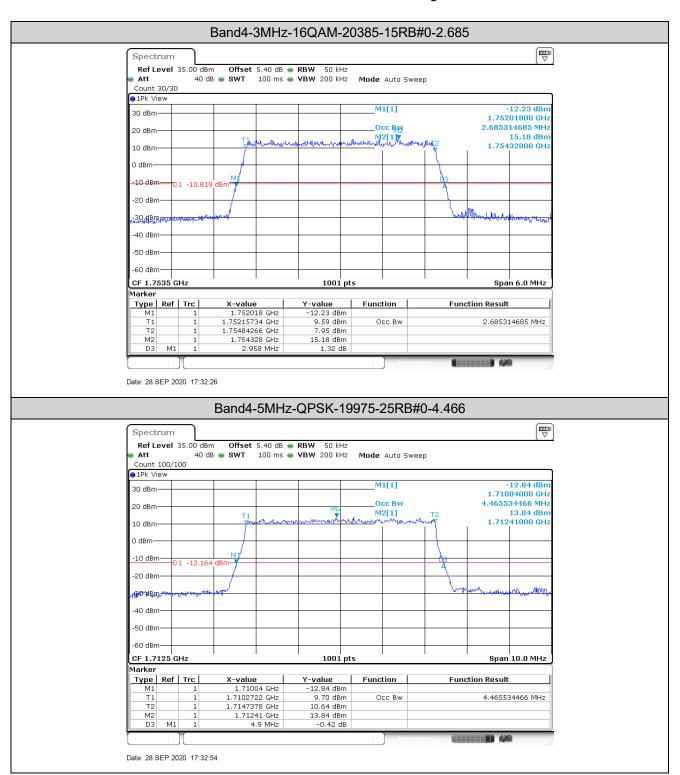
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

23 of 72 Page:





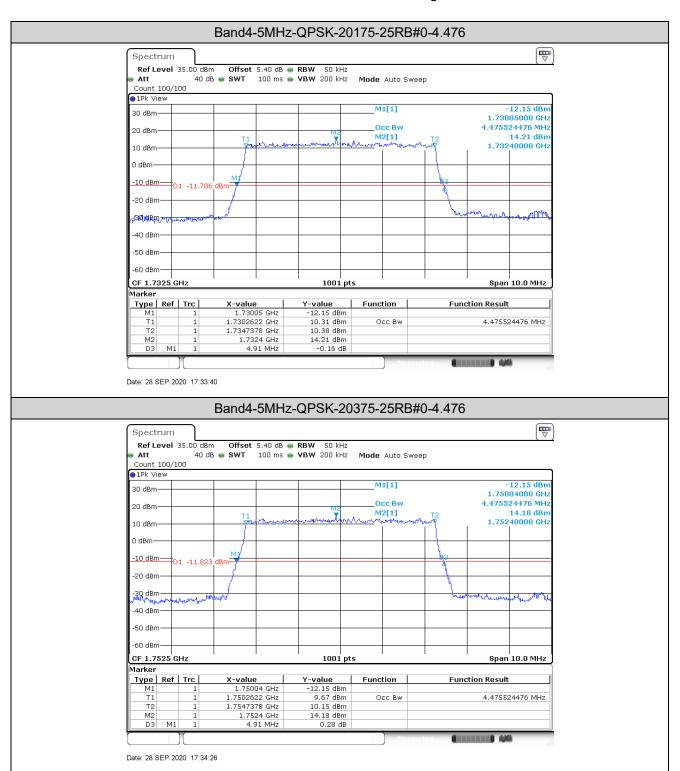
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

24 of 72 Page:





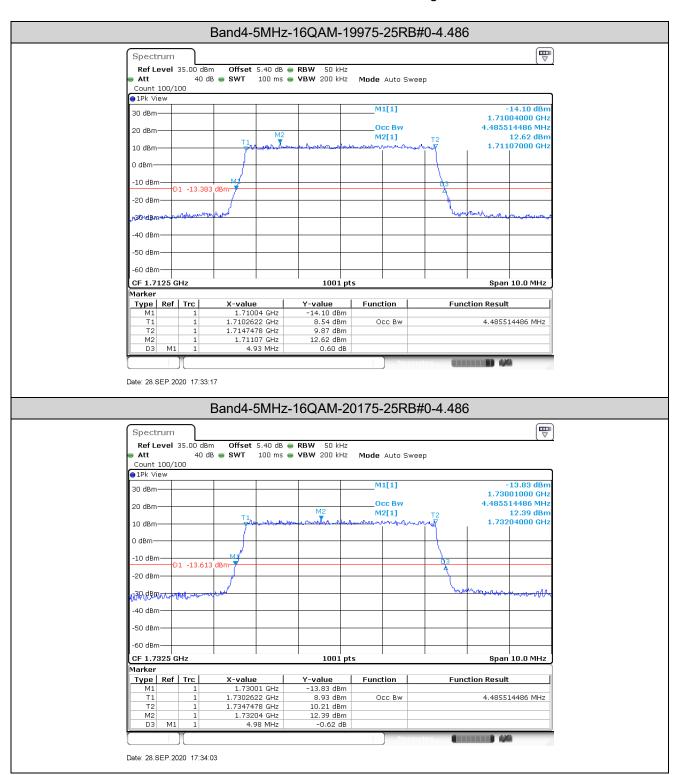
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

Page: 25 of 72





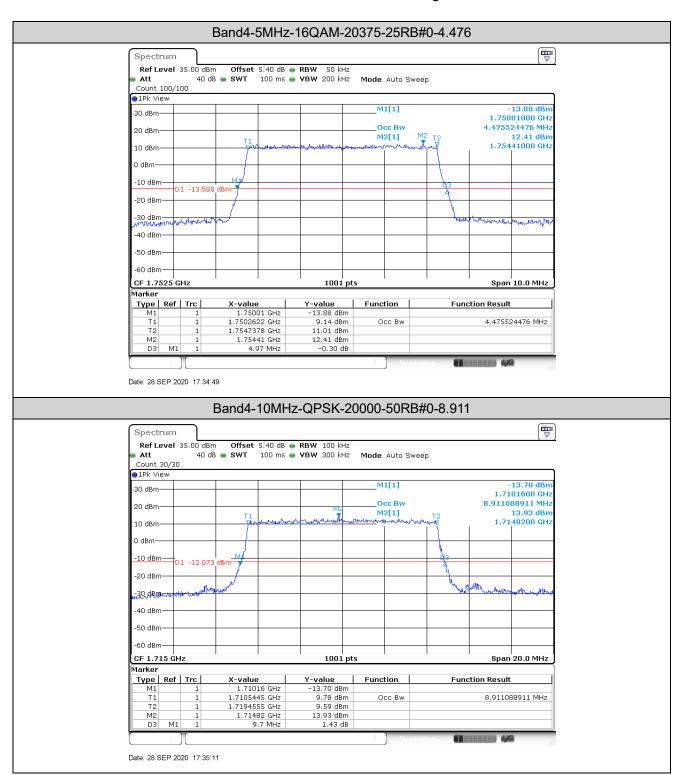
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 tt (86-755) 26012053 ft (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 tt (86-755) 26012053 ft (86-755) 26710594 sgs.china@sgs.com

Report No.: ZR/2020/9003701

Page: 26 of 72





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

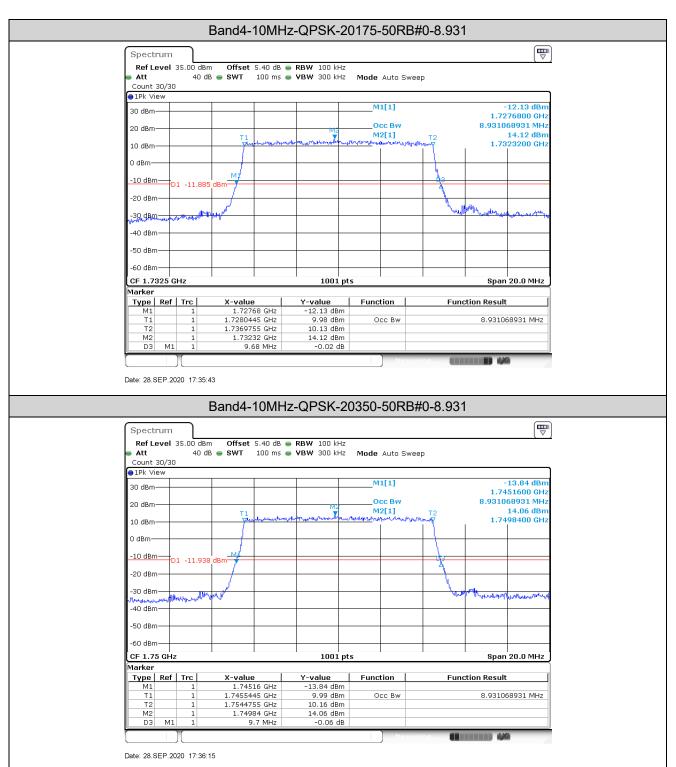
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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

2033 | (60-755) 207 (0594 Sgs.Criii a@sgs.Com

Report No.: ZR/2020/9003701

27 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

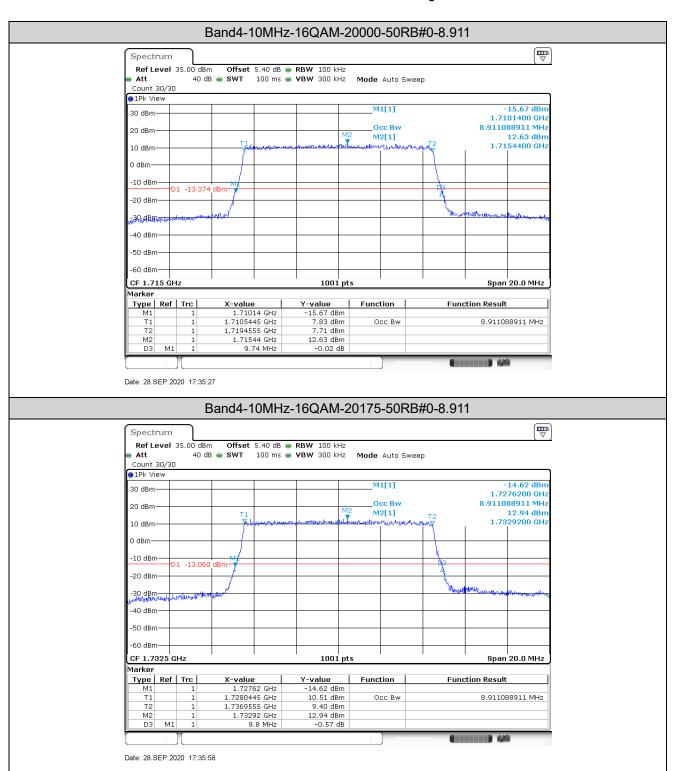
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

28 of 72 Page:





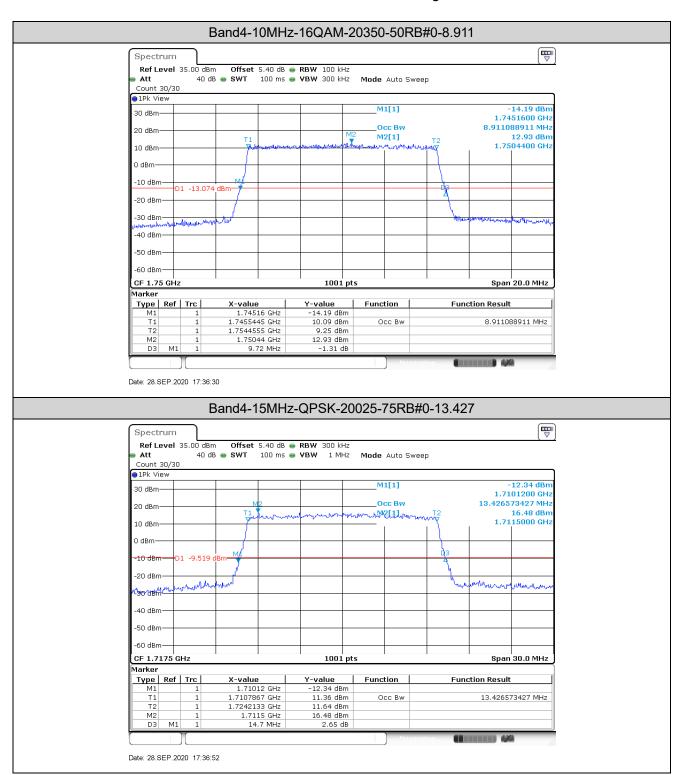
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

29 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

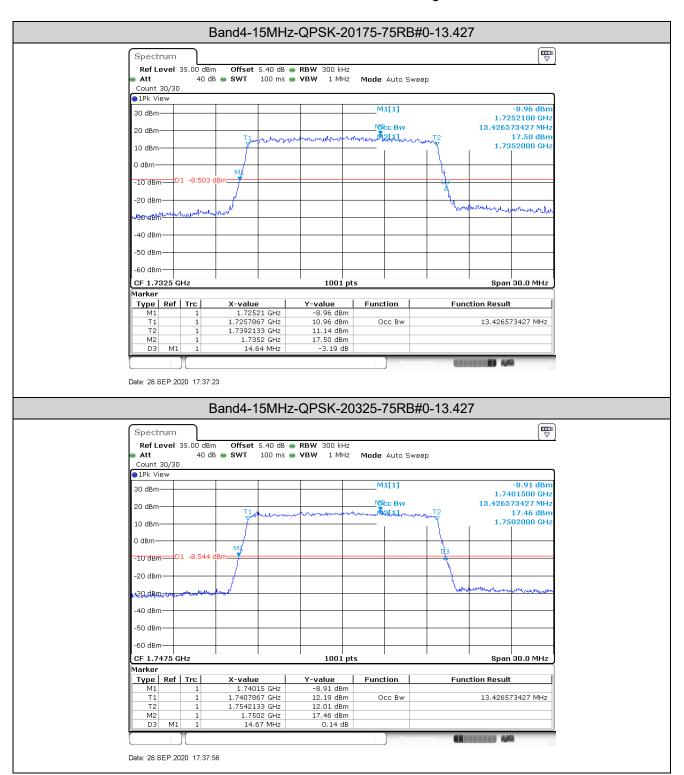
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

30 of 72 Page:





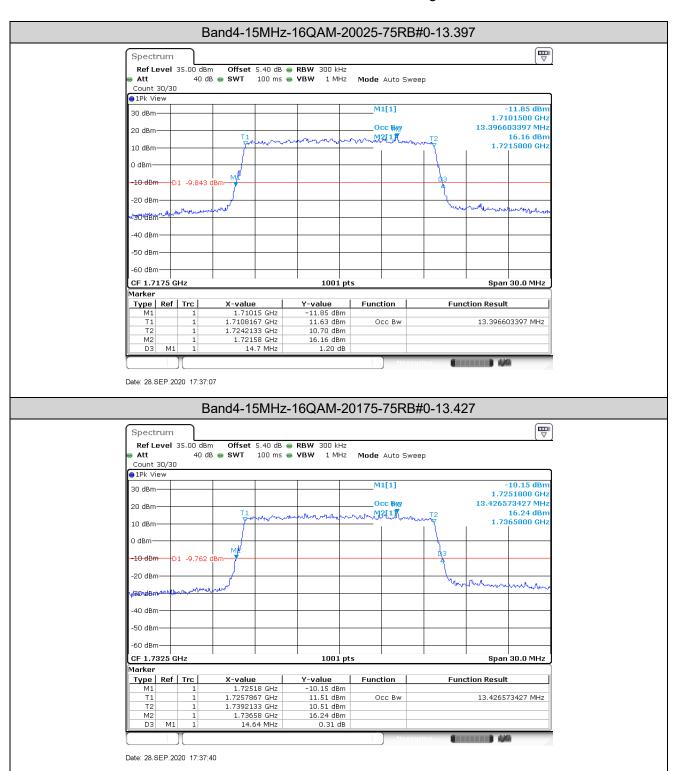
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

31 of 72 Page:





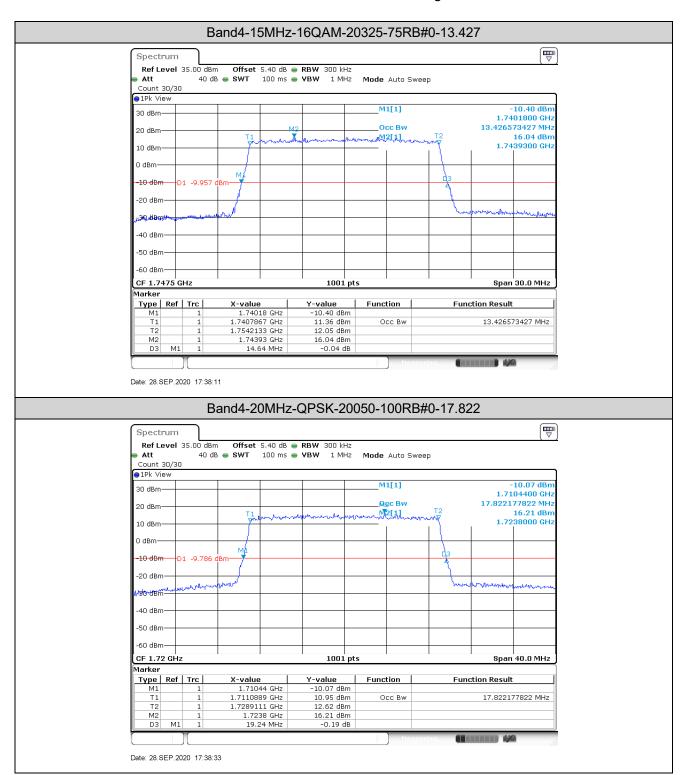
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

32 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

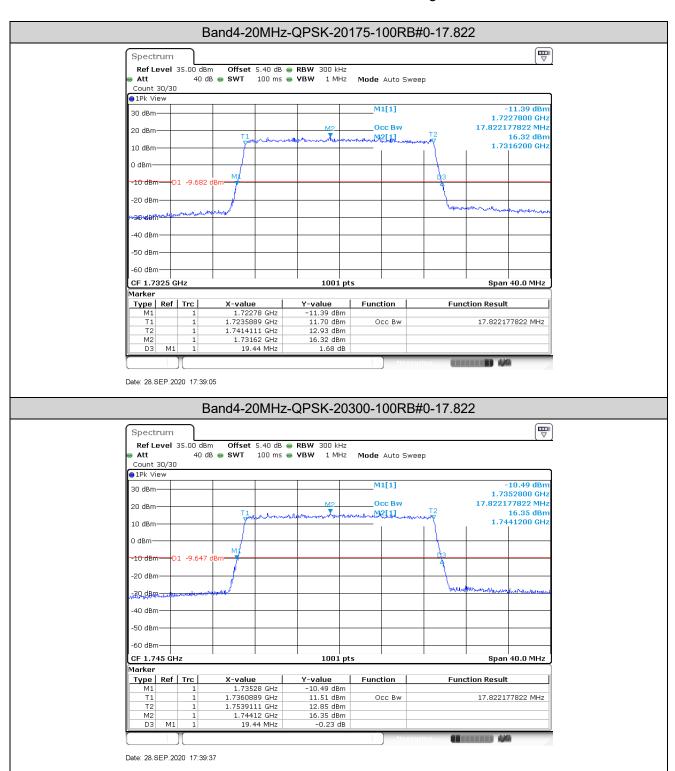
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

33 of 72 Page:





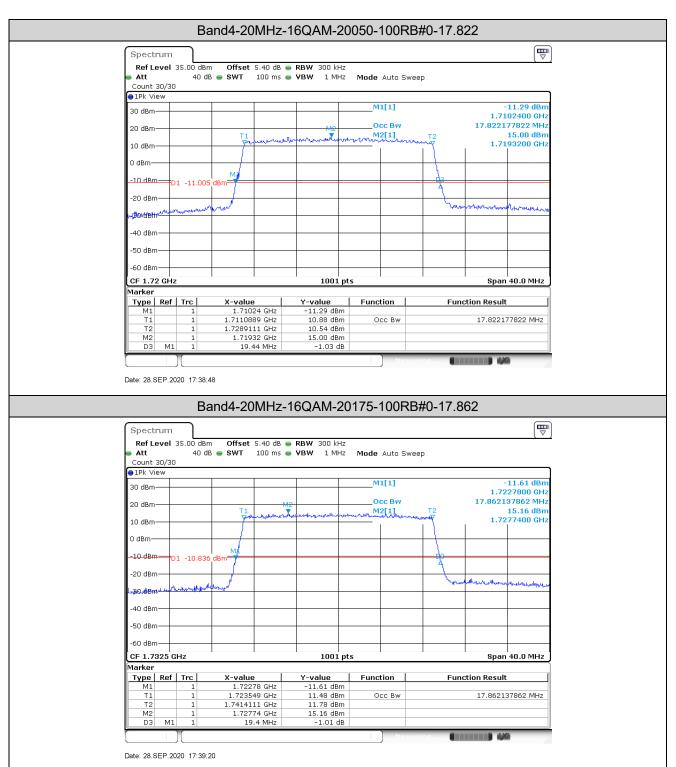
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

34 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

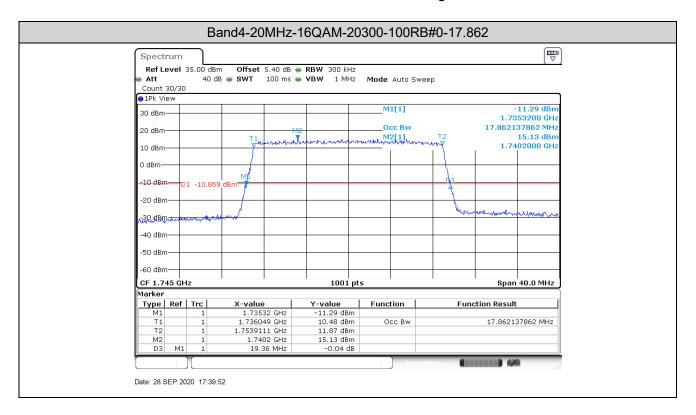
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

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/2020/9003701

35 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

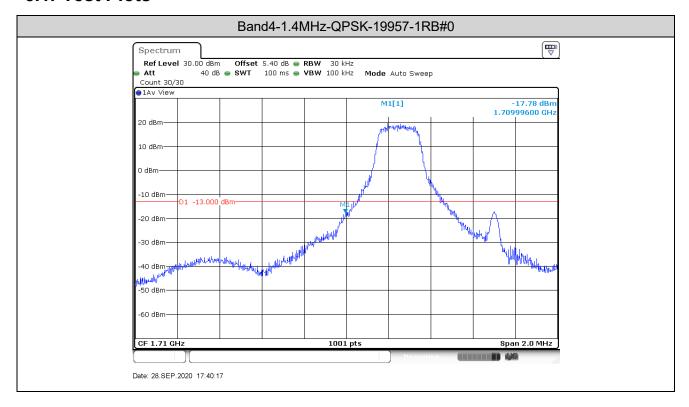
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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

36 of 72 Page:

5. Band Edge Compliance

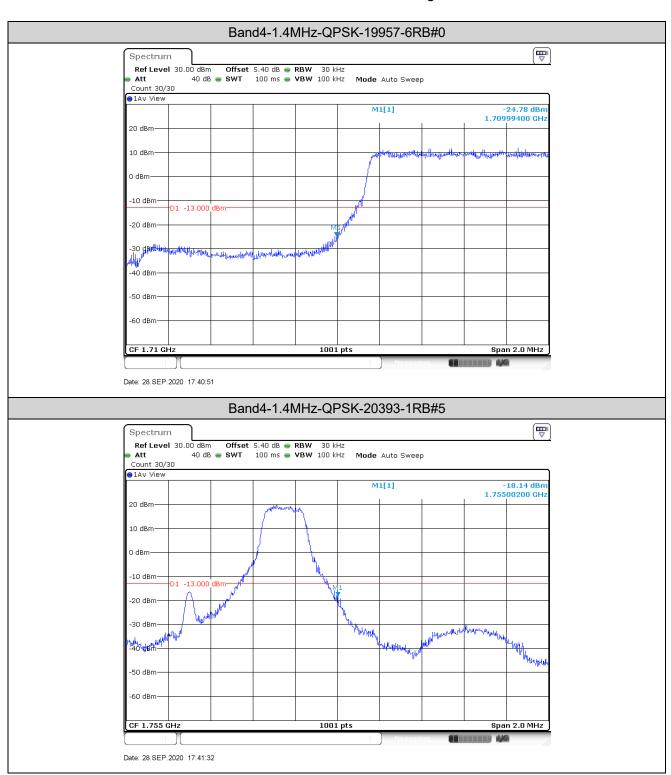
5.1. Test Plots





Report No.: ZR/2020/9003701

37 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

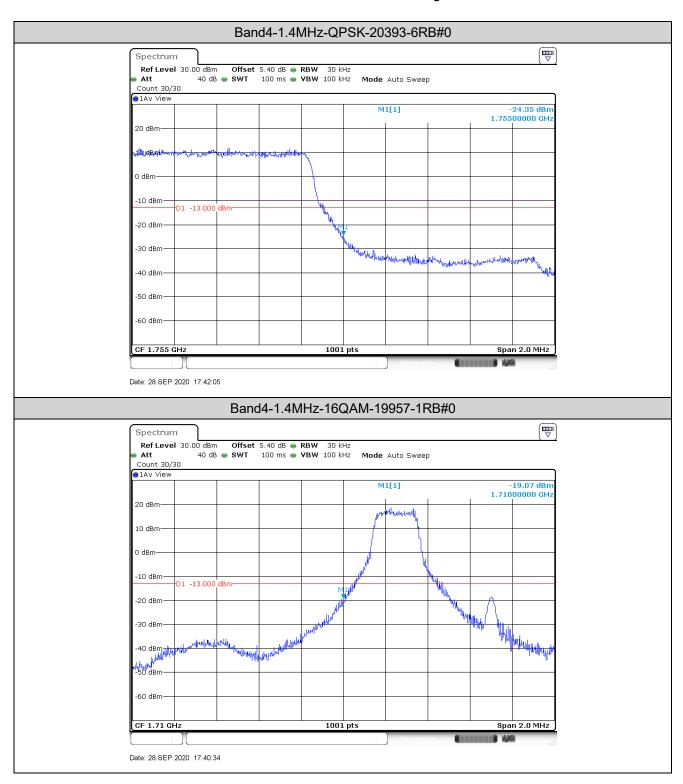
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

38 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

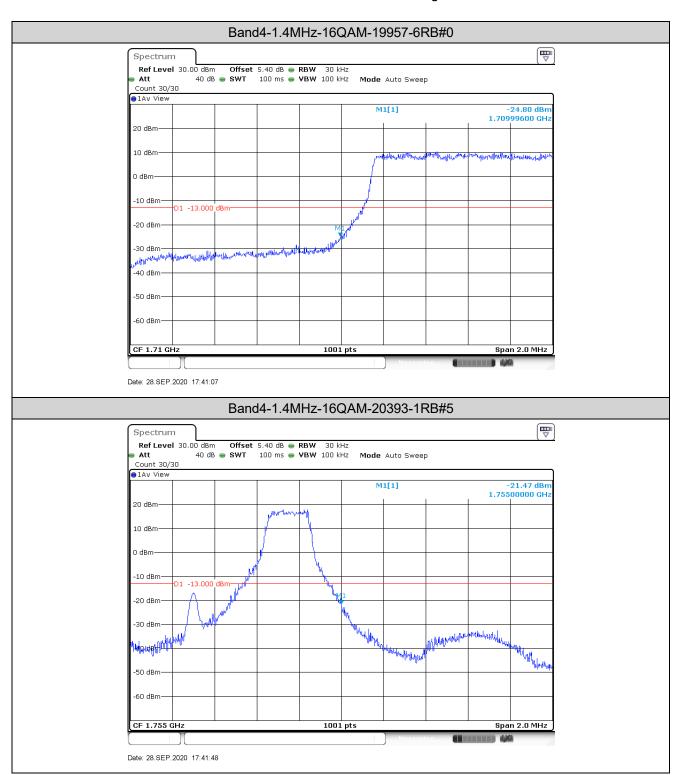
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

39 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

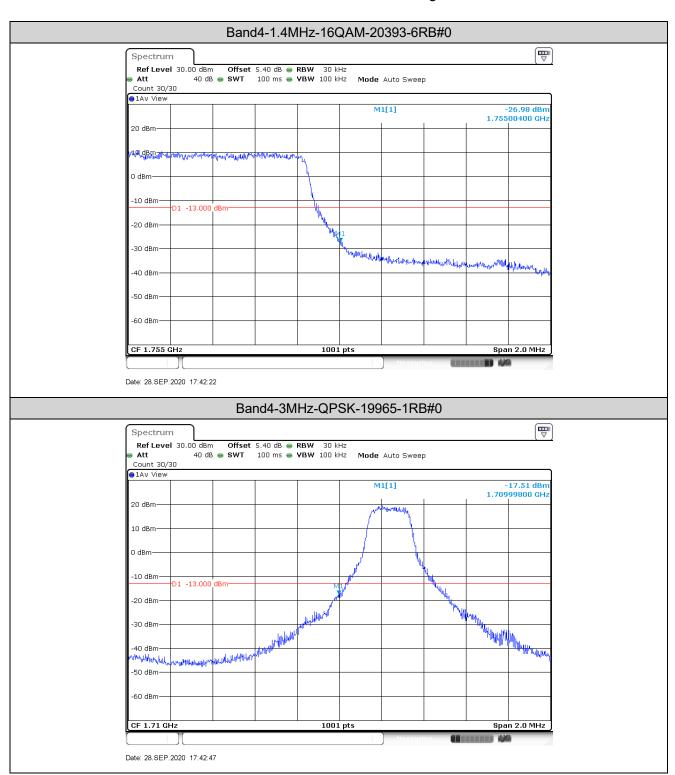
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

40 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

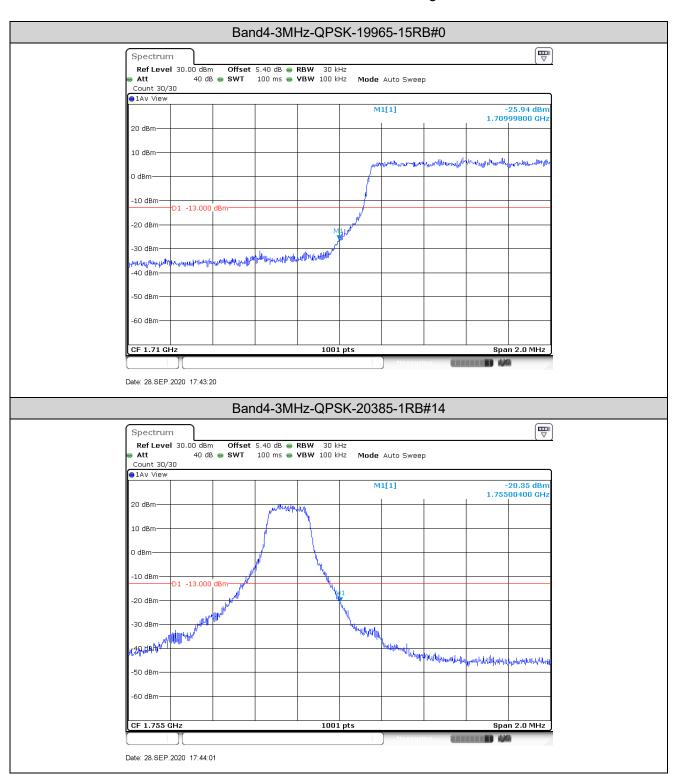
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

41 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

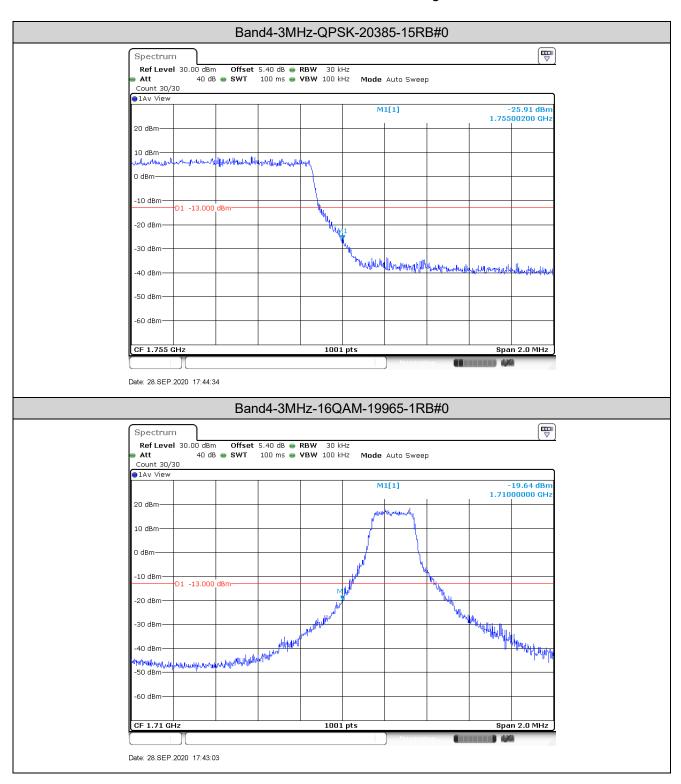
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

42 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

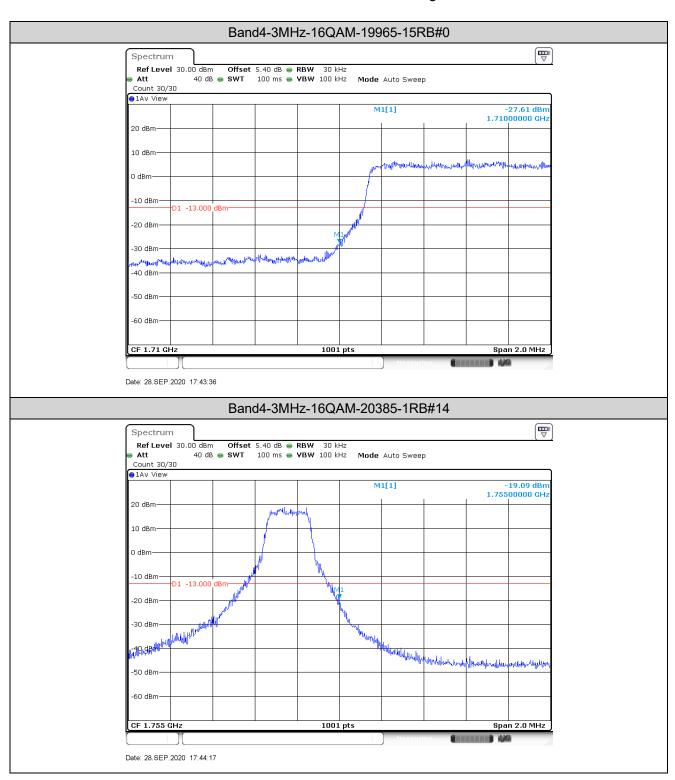
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

43 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

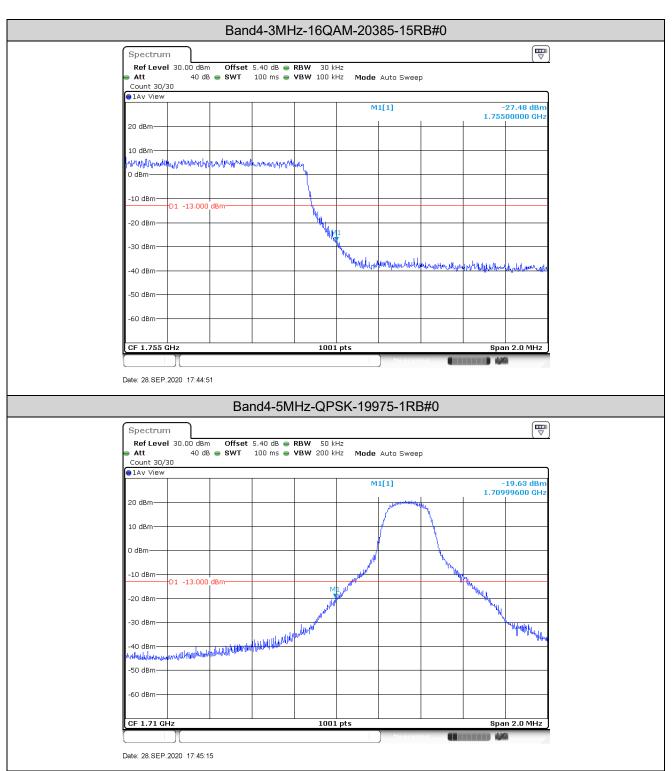
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

44 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

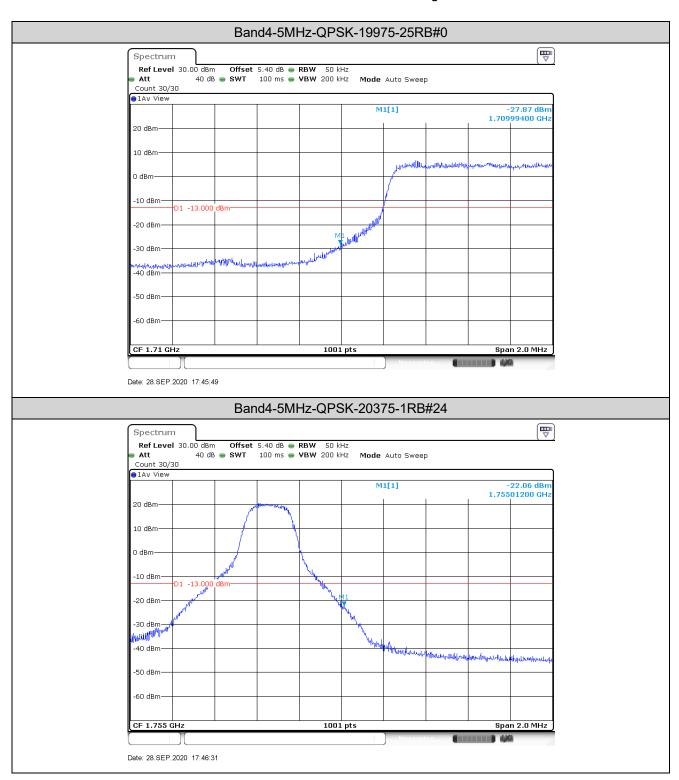
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

45 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

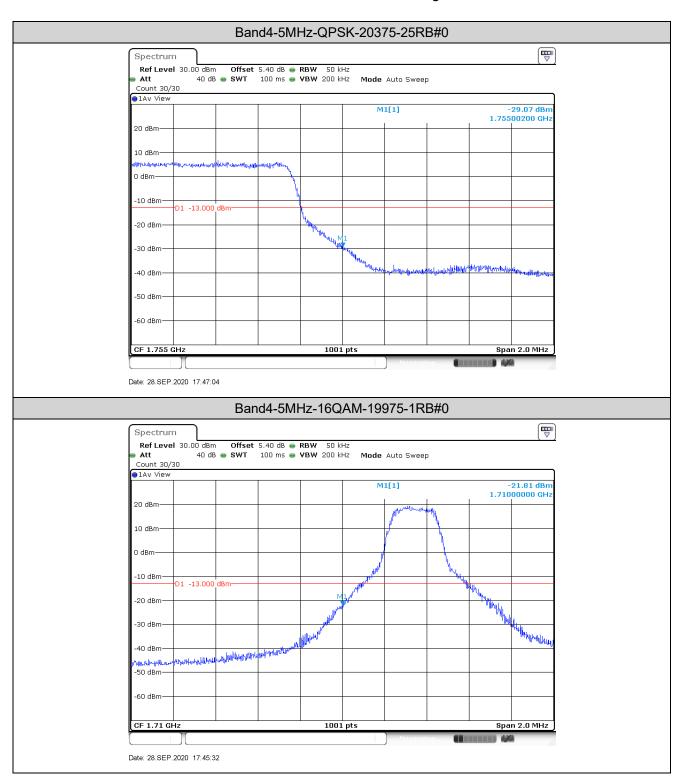
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

46 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

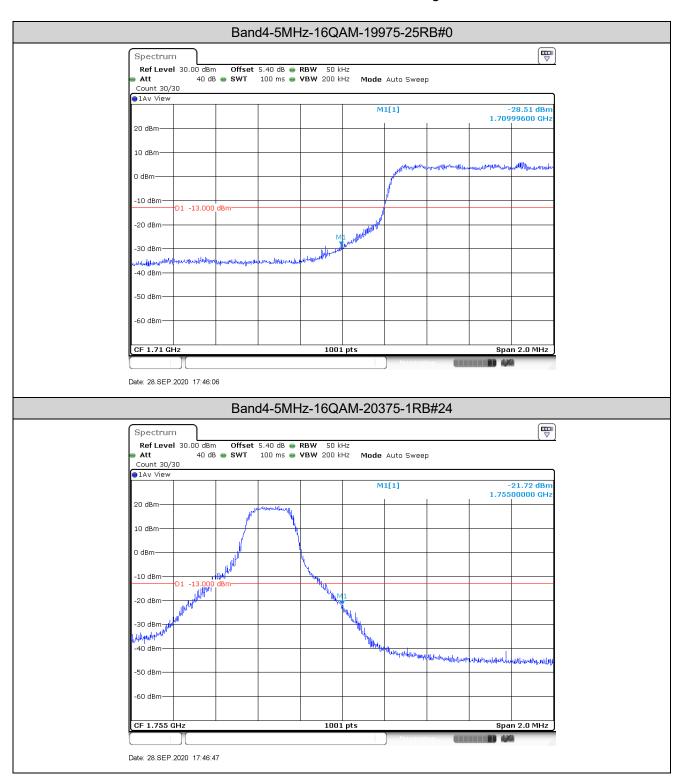
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

47 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

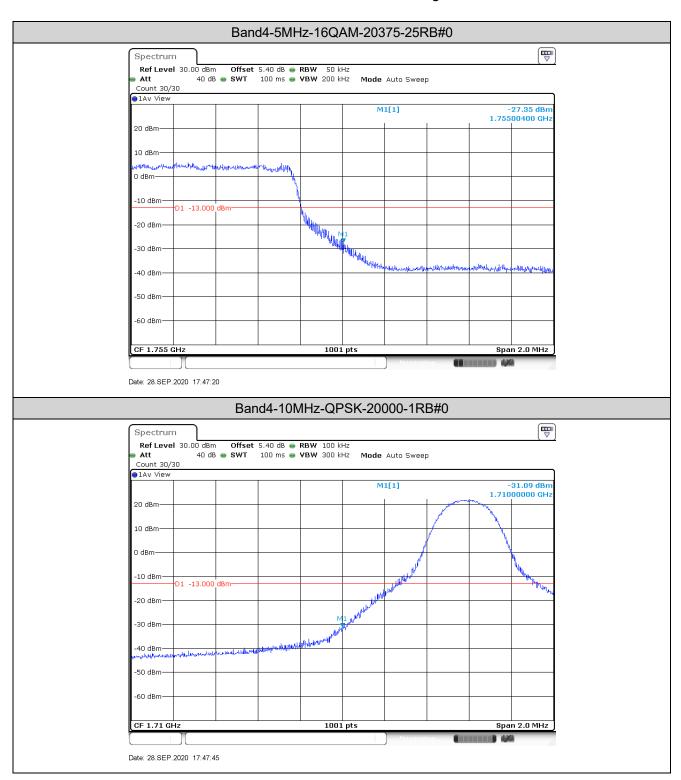
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

48 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

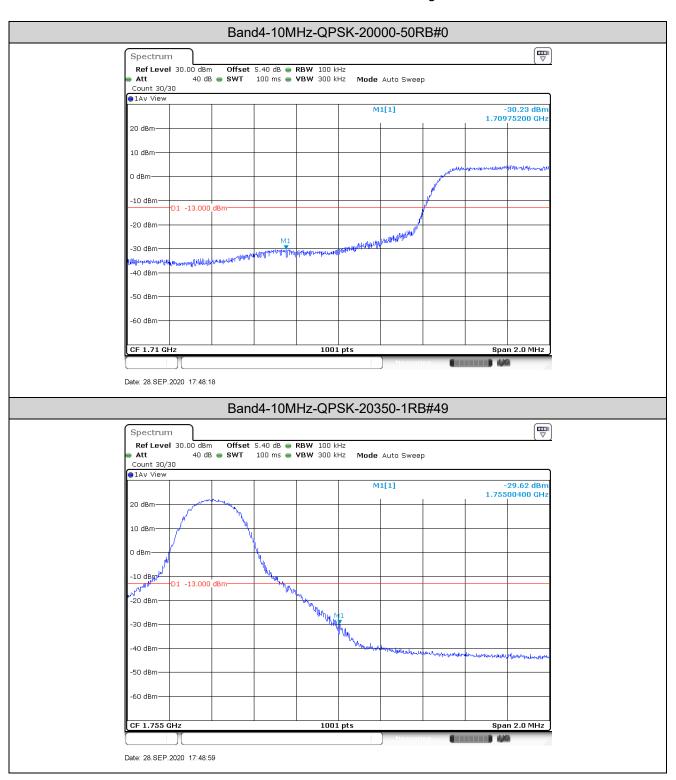
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

49 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

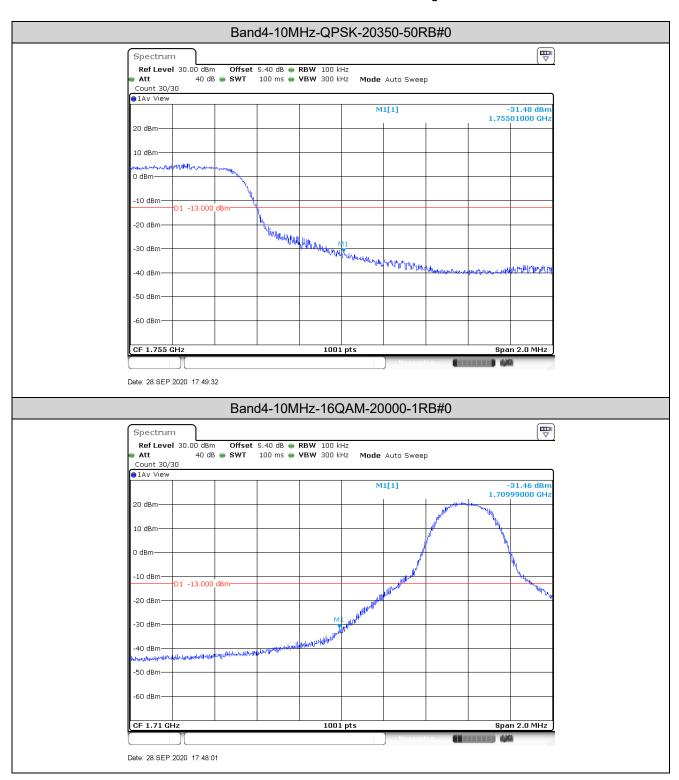
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

50 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

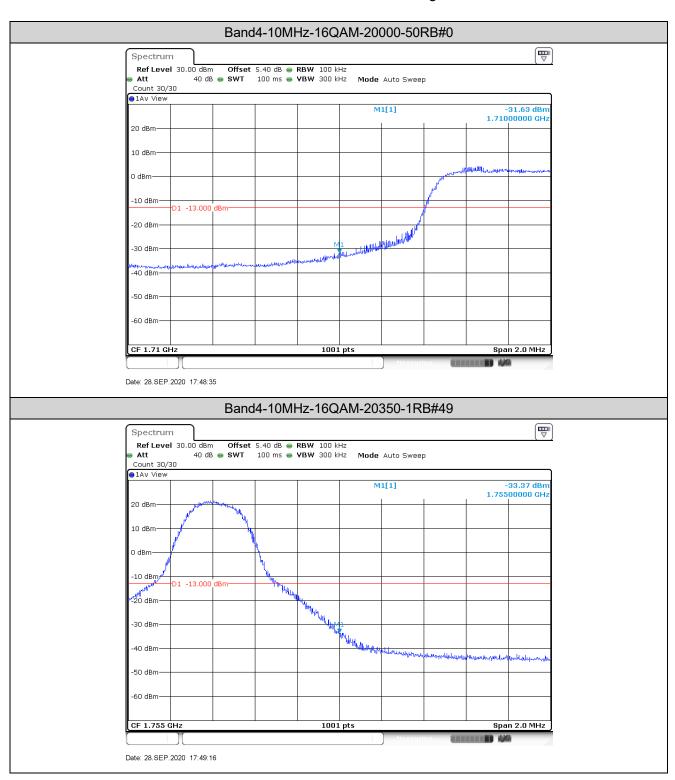
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

51 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

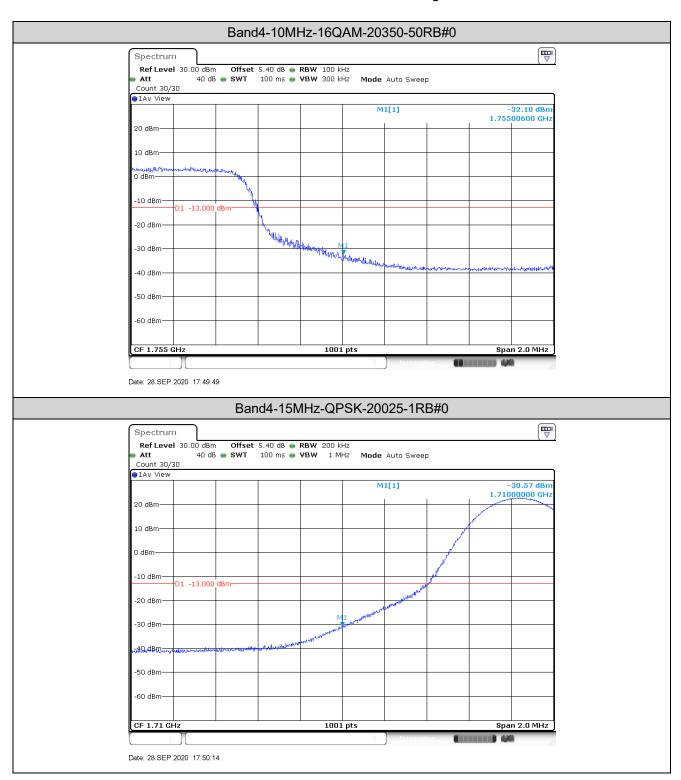
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

52 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

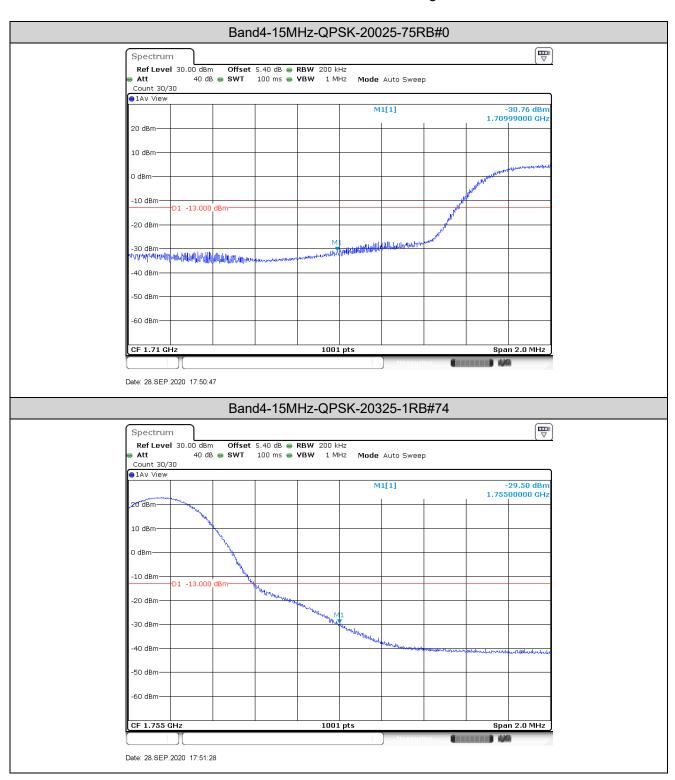
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

53 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

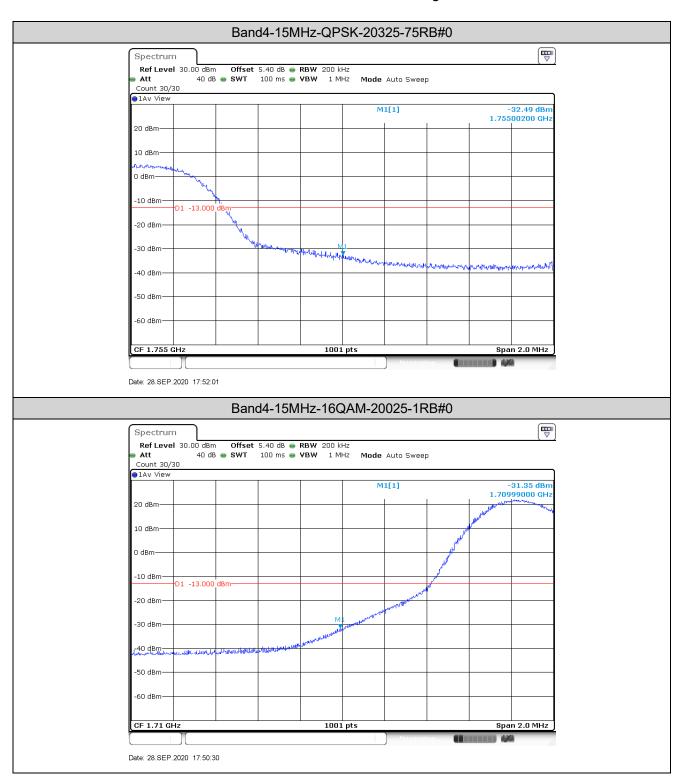
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

54 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

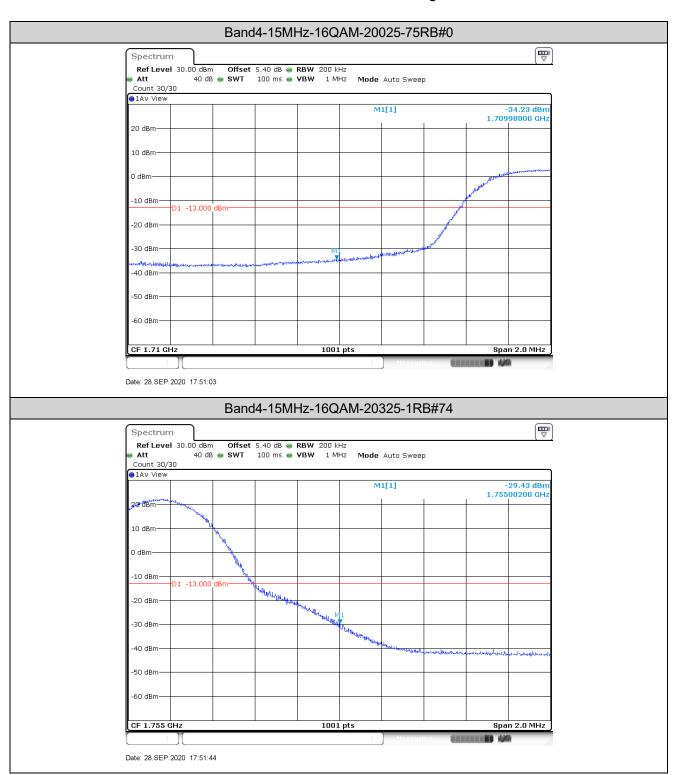
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

55 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

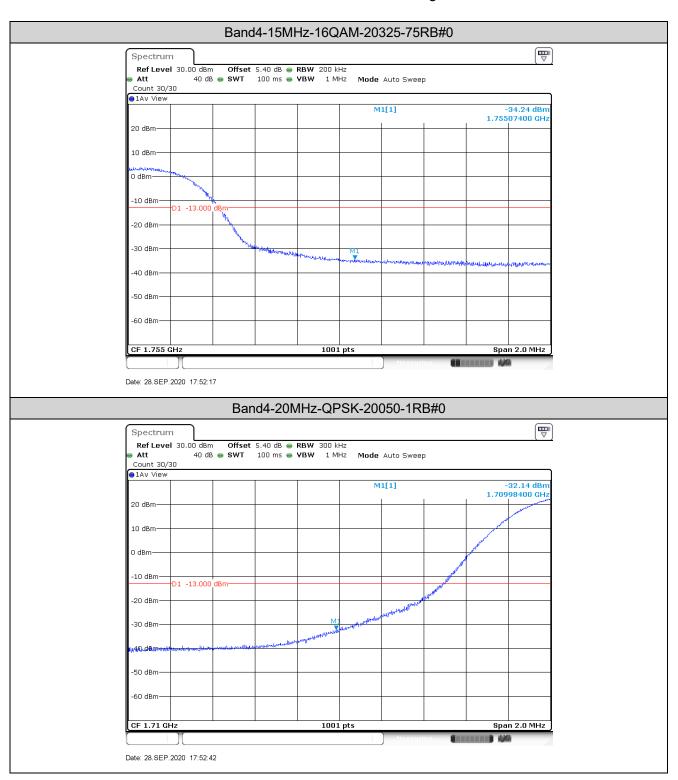
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

56 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

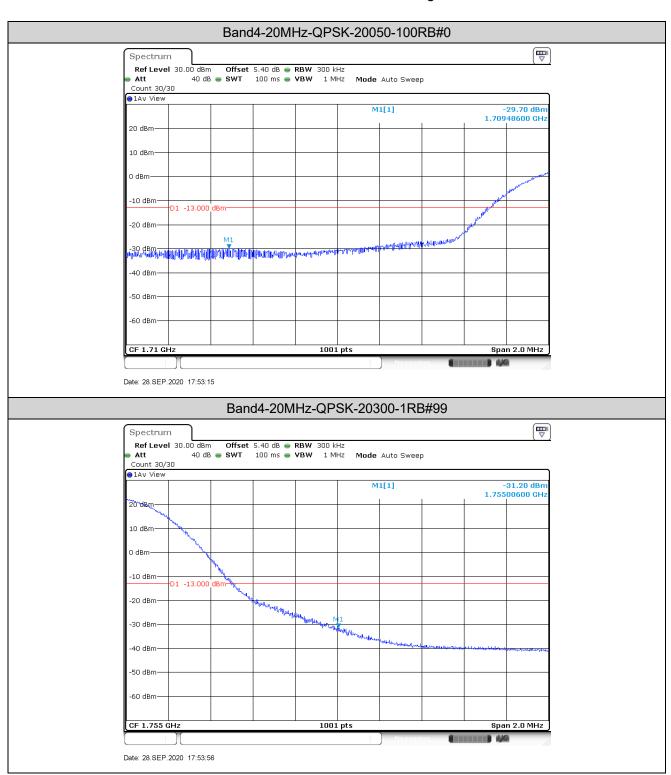
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

57 of 72 Page:



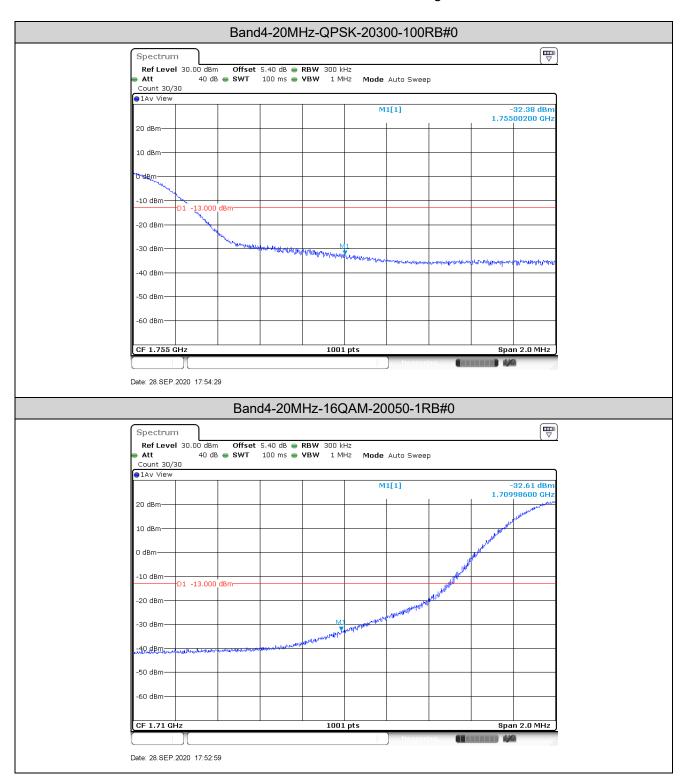


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

Report No.: ZR/2020/9003701

58 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

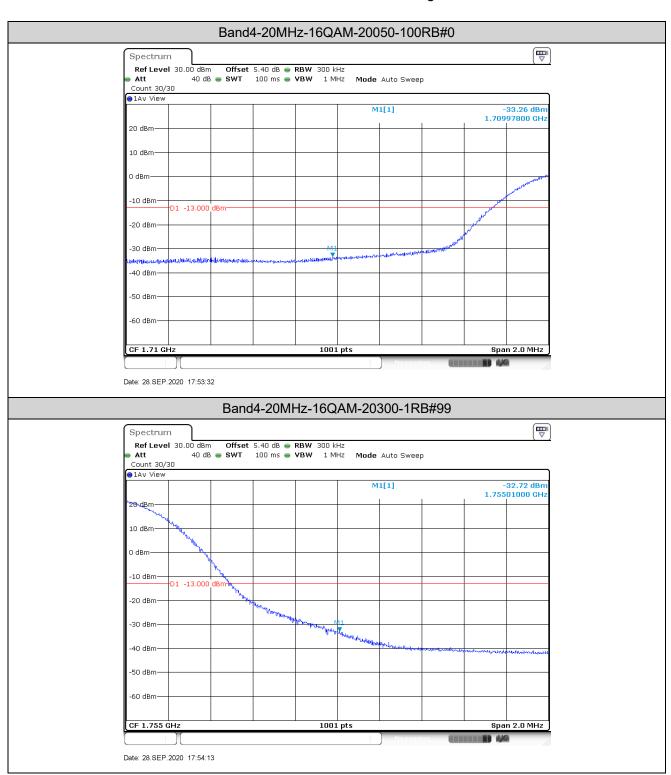
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

59 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

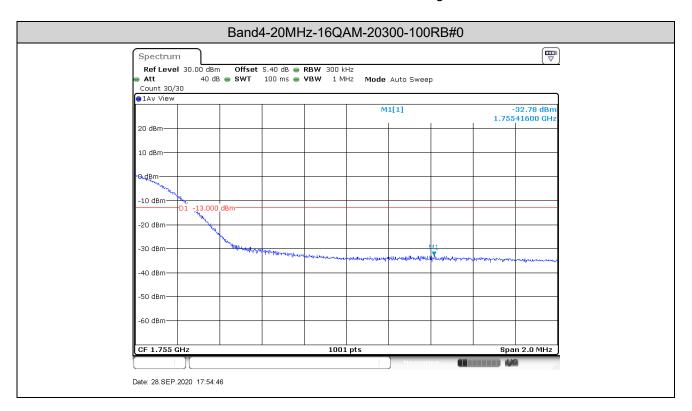
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/9003701

60 of 72 Page:





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.gspx.and, for electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

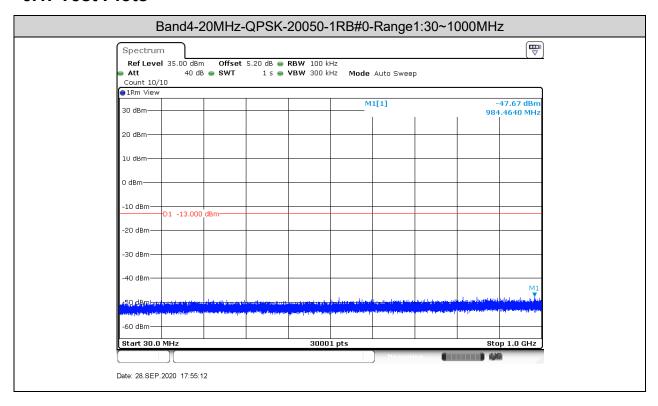
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

Page: 61 of 72

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

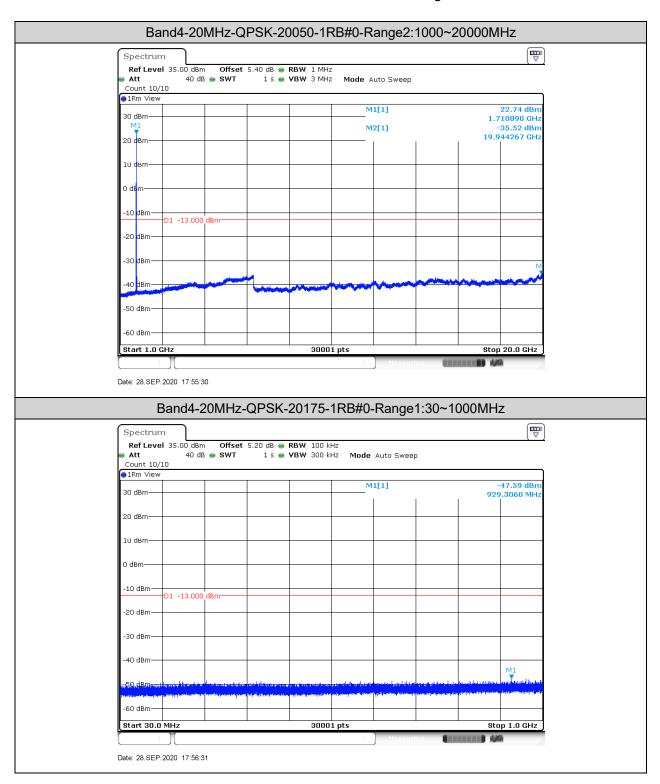






Report No.: ZR/2020/9003701

62 of 72 Page:





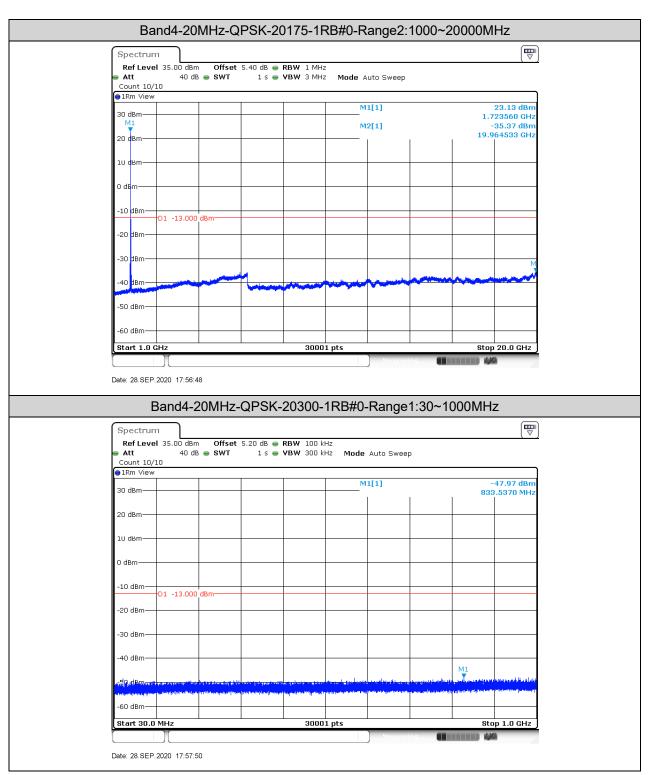
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



Report No.: ZR/2020/9003701

Page: 63 of 72





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

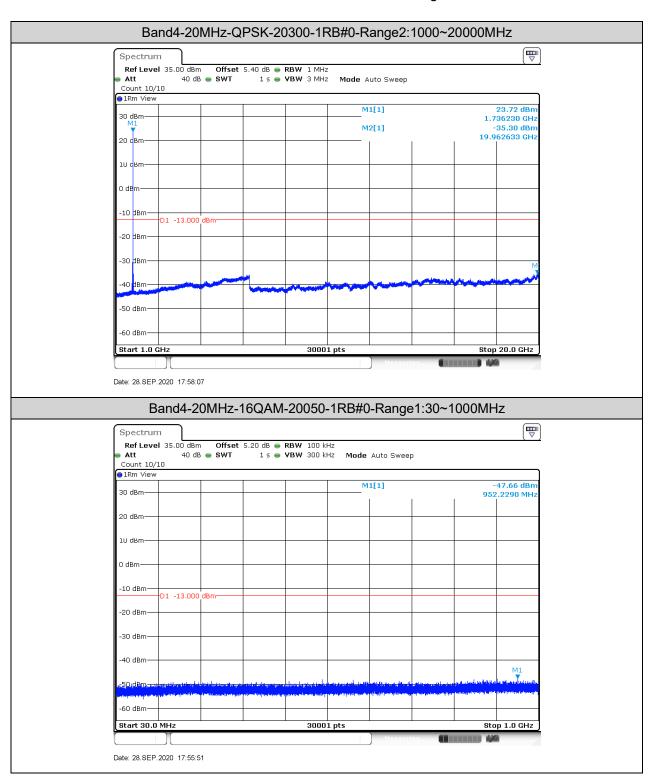
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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



Report No.: ZR/2020/9003701

64 of 72 Page:





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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

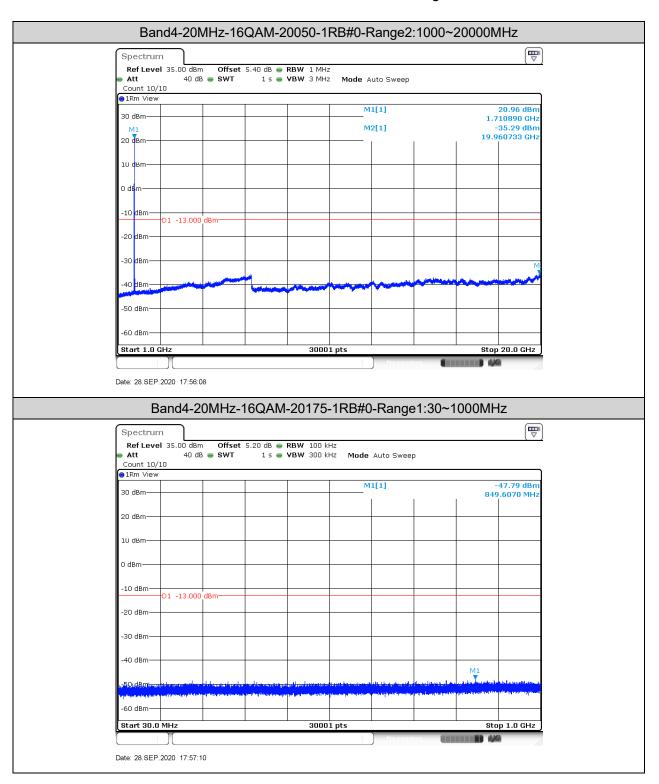
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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



Report No.: ZR/2020/9003701

Page: 65 of 72





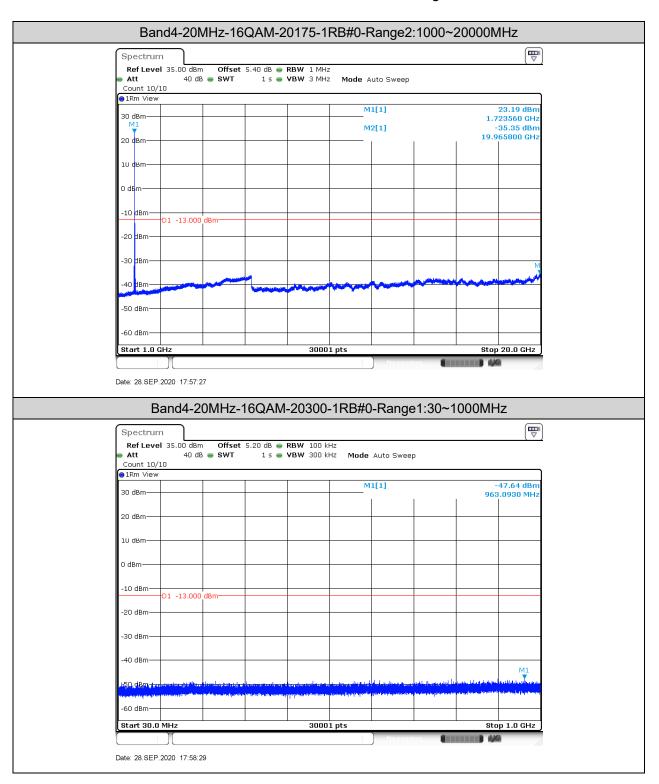
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



Report No.: ZR/2020/9003701

Page: 66 of 72





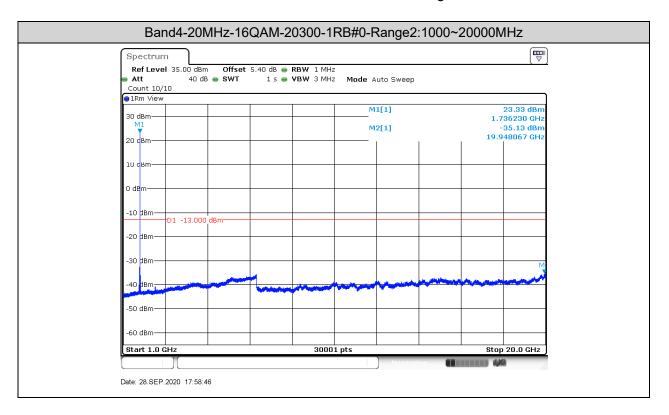
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic 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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



Report No.: ZR/2020/9003701

67 of 72 Page:





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

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

Page: 68 of 72

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)	Polarization
30.7760	-74.14	-13.00	61.14	Vertical
106.2943	-64.96	-13.00	51.96	Vertical
398.5214	-67.49	-13.00	54.49	Vertical
3422.0141	-54.29	-13.00	41.29	Vertical
7354.1451	-56.04	-13.00	43.04	Vertical
17997.9999	-39.85	-13.00	26.85	Vertical
44.0172	-64.18	-13.00	51.18	Horizontal
82.1886	-75.57	-13.00	62.57	Horizontal
247.0969	-67.89	-13.00	54.89	Horizontal
3422.0141	-50.86	-13.00	37.86	Horizontal
7972.1657	-56.61	-13.00	43.61	Horizontal
16403.9468	-44.05	-13.00	31.05	Horizontal

7.1.2.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-73.85	-13.00	60.85	Vertical
112.4056	-64.26	-13.00	51.26	Vertical
456.2393	-66.82	-13.00	53.82	Vertical
3447.0149	-57.19	-13.00	44.19	Vertical
5171.0724	-58.64	-13.00	45.64	Vertical
17996.9999	-40.31	-13.00	27.31	Vertical
41.1556	-65.08	-13.00	52.08	Horizontal
81.8006	-75.24	-13.00	62.24	Horizontal
241.1796	-67.99	-13.00	54.99	Horizontal
3447.0149	-53.44	-13.00	40.44	Horizontal
7353.6451	-56.37	-13.00	43.37	Horizontal
16387.4462	-44.08	-13.00	31.08	Horizontal



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

Page: 69 of 72

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.1641	-74.84	-13.00	61.84	Vertical
108.4769	-64.72	-13.00	51.72	Vertical
595.8778	-65.05	-13.00	52.05	Vertical
3472.5158	-57.46	-13.00	44.46	Vertical
5208.0736	-59.08	-13.00	46.08	Vertical
17999.5000	-40.06	-13.00	27.06	Vertical
42.9987	-64.16	-13.00	51.16	Horizontal
101.2016	-75.49	-13.00	62.49	Horizontal
239.6760	-67.88	-13.00	54.88	Horizontal
3472.0157	-54.76	-13.00	41.76	Horizontal
7458.6486	-56.63	-13.00	43.63	Horizontal
16395.9465	-43.76	-13.00	30.76	Horizontal

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.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CNP Deccheck-Reas cents.

Page: 70 of 72

8. Frequency Stability

8.1. Frequency Vs Voltage

	Voltage										
Band	Bandwid th	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict	
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	3.50	0.002035	±2.5	PASS	
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	3.20	0.001860	±2.5	PASS	
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	3.00	0.001744	±2.5	PASS	
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	0.40	0.000231	±2.5	PASS	
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.70	0.000981	±2.5	PASS	
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-0.10	-0.000058	±2.5	PASS	
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-3.40	-0.001948	±2.5	PASS	
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	-2.50	-0.001433	±2.5	PASS	
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	0.10	0.000057	±2.5	PASS	
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	1.50	0.000872	±2.5	PASS	
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	3.10	0.001802	±2.5	PASS	
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	3.30	0.001919	±2.5	PASS	
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	-0.90	-0.000519	±2.5	PASS	
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	1.30	0.000750	±2.5	PASS	
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	-0.70	-0.000404	±2.5	PASS	
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-5.50	-0.003152	±2.5	PASS	
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-3.70	-0.002120	±2.5	PASS	
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	-2.40	-0.001375	±2.5	PASS	

8.2. Frequency Vs Temperature

	Temperature											
Band	Bandwid th	Modulatio n	Channe I	RB Configure	Voltag e [Vdc]	Tempe rature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict		
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	2.90	0.001686	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	4.30	0.002500	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	2.50	0.001453	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	0	1.30	0.000756	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	10	1.70	0.000988	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	20	1.70	0.000988	±2.5	PASS		
Band4	20MHz	QPSK	20050	100RB#0	NV	30	1.20	0.000698	±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/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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 tt (86-755) 26012053 ft (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 tt (86-755) 26012053 ft (86-755) 26710594 sgs.china@sgs.com



Report No.: ZR/2020/9003701

Page: 71 of 72

Band4	20MHz	QPSK	20050	100RB#0	NV	40	1.40	0.000814	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	1.50	0.000872	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	2.10	0.001212	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.60	0.000346	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	2.40	0.001385	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	-0.80	-0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	0.80	0.000462	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	1.00	0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	0.90	0.000519	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	1.30	0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	2.00	0.001154	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-1.30	-0.000745	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-1.50	-0.000860	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-0.30	-0.000172	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-2.80	-0.001605	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-3.80	-0.002178	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-1.10	-0.000630	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	0.80	0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	2.50	0.001453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	1.70	0.000988	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	0.50	0.000291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	0.50	0.000291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	0.50	0.000291	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	1.10	0.000640	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	30	2.50	0.001453	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	3.90	0.002267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	2.10	0.001221	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	4.00	0.002309	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.00	0.001154	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	1.60	0.000924	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	2.50	0.001443	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	4.60	0.002655	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	0.60	0.000346	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	0.70	0.000404	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	-1.20	-0.000693	±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/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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/9003701

Page: 72 of 72

Band4	20MHz	16QAM	20175	100RB#0	NV	50	0.80	0.000462	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-3.00	-0.001719	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-3.40	-0.001948	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-3.60	-0.002063	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-0.50	-0.000287	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	-1.60	-0.000917	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-3.20	-0.001834	±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/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 Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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