1 of 51 Page:

# Appendix B

E-UTRA Band 38



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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) served 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: 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

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

Page: 2 of 51

#### **CONTENT**

1.	EFF	ECTIVE (ISOTROPIC) RADIATED POWER	3
	1.1.	TEST RESULT	3
2.	PE.	AK-TO-AVERAGE RATIO(CCDF)	7
	2.1.	Test Result	7
	2.2.	TEST PLOTS	7
3.	MC	DDULATION CHARACTERISTICS	11
	3.1.	TEST BAND = LTE BAND 38	11
	3.2.	TEST MODE = LTE /TM1 20MHz	11
	3.2.1.	TEST CHANNEL = LCH	11
	3.3.	TEST MODE = LTE /TM2 20MHz	12
	3.3.1.	TEST CHANNEL = LCH	12
4.	260	DB BANDWIDTH AND OCCUPIED BANDWIDTH	13
	4.1.	Test Result	13
	4.2.	TEST PLOTS	14
5.	BAI	ND EDGE COMPLIANCE	26
	5.1.	TEST PLOTS	26
6.	SPU	URIOUS EMISSION AT ANTENNA TERMINAL	42
	6.1.	TEST PLOTS	42
7.	FIE	LD STRENGTH OF SPURIOUS RADIATION	48
	7.1.	TEST BAND = LTE BAND 38	48
	7.1.1.	TEST MODE =LTE/TM1	48
	7.1.1.1	1. Test Channel = LCH	48
	7.1.1.2	2. Test Channel = MCH	48
	7.1.1.3	3. Test Channel = HCH	49
8.	FRE	EQUENCY STABILITY	50
	8.1.	Frequency Vs Voltage	50
	8.2.	FREQUENCY VS TEMPERATURE	50



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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

Page: 3 of 51

#### 1. Effective (Isotropic) Radiated Power

#### 1.1. Test Result

Б	Б. 1.141			RB	Conducted	EIRP	Limit	\/ F /
Band	Bandwidth	Modulation	Channel	Configuration	Power(dBm)	(dBm)	(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.32	21.22	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.53	21.43	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.33	21.23	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.64	20.54	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#6	21.61	20.51	33.00	PASS
Band38	5MHz	QPSK	37775	12RB#13	21.58	20.48	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.53	20.43	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.17	21.07	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.26	21.16	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.06	20.96	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#0	21.39	20.29	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.43	20.33	33.00	PASS
Band38	5MHz	QPSK	38000	12RB#13	21.29	20.19	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.31	20.21	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.00	20.90	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.08	20.98	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.00	20.90	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#0	21.24	20.14	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.22	20.12	33.00	PASS
Band38	5MHz	QPSK	38225	12RB#13	21.14	20.04	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.07	19.97	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.51	20.41	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.62	20.52	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.38	20.28	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#0	20.51	19.41	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#6	20.56	19.46	33.00	PASS
Band38	5MHz	16QAM	37775	12RB#13	20.47	19.37	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.55	19.45	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.31	20.21	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.33	20.23	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.19	20.09	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#0	20.37	19.27	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#6	20.34	19.24	33.00	PASS
Band38	5MHz	16QAM	38000	12RB#13	20.22	19.12	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.33	19.23	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.13	20.03	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.16	20.06	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.07	19.97	33.00	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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/2020/2000201-01

Page: 4 of 51

		T	1			1		
Band38	5MHz	16QAM	38225	12RB#0	20.11	19.01	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#6	20.11	19.01	33.00	PASS
Band38	5MHz	16QAM	38225	12RB#13	20.05	18.95	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.10	19.00	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.53	21.43	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.33	21.23	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.41	21.31	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#0	21.59	20.49	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#12	21.57	20.47	33.00	PASS
Band38	10MHz	QPSK	37800	25RB#25	21.58	20.48	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.51	20.41	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.36	21.26	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.20	21.10	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.14	21.04	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#0	21.40	20.30	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.31	20.21	33.00	PASS
Band38	10MHz	QPSK	38000	25RB#25	21.33	20.23	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.30	20.20	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.17	21.07	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	21.96	20.86	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.07	20.97	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#0	21.29	20.19	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.24	20.14	33.00	PASS
Band38	10MHz	QPSK	38200	25RB#25	21.18	20.08	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.13	20.03	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.65	20.55	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.52	20.42	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.56	20.46	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#0	20.58	19.48	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#12	20.60	19.50	33.00	PASS
Band38	10MHz	16QAM	37800	25RB#25	20.58	19.48	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.60	19.50	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.48	20.38	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.29	20.19	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.25	20.15	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#0	20.42	19.32	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#12	20.35	19.25	33.00	PASS
Band38	10MHz	16QAM	38000	25RB#25	20.34	19.24	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.40	19.30	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.32	20.22	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.14	20.04	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.17	20.07	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#0	20.24	19.14	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#12	20.21	19.11	33.00	PASS
Band38	10MHz	16QAM	38200	25RB#25	20.15	19.05	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.24	19.14	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.42	21.32	33.00	PASS
			0.020				55.00	



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

or email: CN. Descheck@sgs.com Mo. 1Workshop, M-10, Midde Sedion, 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/2020/2000201-01

Page: 5 of 51

Band38	15MHz	QPSK	37825	1RB#38	22.52	21.42	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.31	21.21	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#0	21.61	20.51	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#18	21.67	20.57	33.00	PASS
Band38	15MHz	QPSK	37825	36RB#39	21.61	20.51	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.50	20.40	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.31	21.21	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.23	21.13	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.03	20.93	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#0	21.43	20.33	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#18	21.33	20.23	33.00	PASS
Band38	15MHz	QPSK	38000	36RB#39	21.29	20.19	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.27	20.17	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.13	21.03	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.10	21.00	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	21.98	20.88	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#0	21.22	20.12	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#18	21.23	20.13	33.00	PASS
Band38	15MHz	QPSK	38175	36RB#39	21.20	20.10	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.12	20.02	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.47	20.37	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.51	20.41	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.33	20.23	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#0	20.54	19.44	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#18	20.63	19.53	33.00	PASS
Band38	15MHz	16QAM	37825	36RB#39	20.47	19.37	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.56	19.46	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.38	20.28	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.34	20.24	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.12	20.02	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#0	20.43	19.33	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#18	20.34	19.24	33.00	PASS
Band38	15MHz	16QAM	38000	36RB#39	20.21	19.11	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.34	19.24	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.22	20.12	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.18	20.08	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.03	19.93	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#0	20.17	19.07	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#18	20.13	19.03	33.00	PASS
Band38	15MHz	16QAM	38175	36RB#39	20.09	18.99	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.18	19.08	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.26	21.16	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.51	21.41	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.03	20.93	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#0	21.47	20.37	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#25	21.43	20.33	33.00	PASS
Band38	20MHz	QPSK	37850	50RB#50	21.37	20.27	33.00	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 document. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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/2020/2000201-01

Page: 6 of 51

Band38         20MHz         QPSK         37850         100RB#0         21.42         20.32         33.00         PASS           Band38         20MHz         QPSK         38000         1RB#49         22.17         21.07         33.00         PASS           Band38         20MHz         QPSK         38000         1RB#99         21.82         20.72         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#0         21.25         20.15         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#6         21.23         20.13         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#50         21.18         20.08         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#90         22.19         22.11         13.30         PASS           Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS <tr< th=""><th></th><th></th><th></th><th>1</th><th></th><th></th><th>1</th><th></th><th></th></tr<>				1			1		
Band38         20MHz         QPSK         38000         1RB#49         22.27         21.17         33.00         PASS           Band38         20MHz         QPSK         38000         1RB#99         21.82         20.72         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#25         21.25         20.13         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#50         21.18         20.08         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#60         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS <t< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>37850</td><td>100RB#0</td><td>21.42</td><td>20.32</td><td>33.00</td><td>PASS</td></t<>	Band38	20MHz	QPSK	37850	100RB#0	21.42	20.32	33.00	PASS
Band38         20MHz         QPSK         38000         1RB#99         21.82         20.72         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#0         21.25         20.15         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#50         21.23         20.13         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#50         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS <t< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>38000</td><td>1RB#0</td><td>22.17</td><td>21.07</td><td>33.00</td><td>PASS</td></t<>	Band38	20MHz	QPSK	38000	1RB#0	22.17	21.07	33.00	PASS
Band38         20MHz         QPSK         38000         50RB#0         21.25         20.15         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#25         21.23         20.13         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#50         21.18         20.08         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         20.95         19.85         33.00         PASS <tr< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>38000</td><td>1RB#49</td><td>22.27</td><td>21.17</td><td>33.00</td><td>PASS</td></tr<>	Band38	20MHz	QPSK	38000	1RB#49	22.27	21.17	33.00	PASS
Band38         20MHz         QPSK         38000         50RB#25         21.23         20.13         33.00         PASS           Band38         20MHz         QPSK         38000         50RB#50         21.18         20.08         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS	Band38	20MHz	QPSK	38000	1RB#99	21.82	20.72	33.00	PASS
Band38         20MHz         QPSK         38000         50RB#50         21.18         20.08         33.00         PASS           Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#2         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS <t< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>38000</td><td>50RB#0</td><td>21.25</td><td>20.15</td><td>33.00</td><td>PASS</td></t<>	Band38	20MHz	QPSK	38000	50RB#0	21.25	20.15	33.00	PASS
Band38         20MHz         QPSK         38000         100RB#0         21.30         20.20         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#9         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.32         20.50         33.00         PASS <tr< td=""><td>Band38</td><td>20MHz</td><td>QPSK</td><td>38000</td><td>50RB#25</td><td>21.23</td><td>20.13</td><td>33.00</td><td>PASS</td></tr<>	Band38	20MHz	QPSK	38000	50RB#25	21.23	20.13	33.00	PASS
Band38         20MHz         QPSK         38150         1RB#0         21.95         20.85         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#55         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.61         20.01         33.00         PASS      <	Band38	20MHz	QPSK	38000	50RB#50	21.18	20.08	33.00	PASS
Band38         20MHz         QPSK         38150         1RB#49         22.21         21.11         33.00         PASS           Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS      <	Band38	20MHz	QPSK	38000	100RB#0	21.30	20.20	33.00	PASS
Band38         20MHz         QPSK         38150         1RB#99         21.76         20.66         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS	Band38	20MHz	QPSK	38150	1RB#0	21.95	20.85	33.00	PASS
Band38         20MHz         QPSK         38150         50RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#49         21.60         20.50         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS	Band38	20MHz	QPSK	38150	1RB#49	22.21	21.11	33.00	PASS
Band38         20MHz         QPSK         38150         50RB#25         21.04         19.94         33.00         PASS           Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         10RB#0         21.23         20.13         33.00         PASS	Band38	20MHz	QPSK	38150	1RB#99	21.76	20.66	33.00	PASS
Band38         20MHz         QPSK         38150         50RB#50         20.95         19.85         33.00         PASS           Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS	Band38	20MHz	QPSK	38150	50RB#0	21.12	20.02	33.00	PASS
Band38         20MHz         QPSK         38150         100RB#0         21.12         20.02         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#49         21.60         20.50         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS	Band38	20MHz	QPSK	38150	50RB#25	21.04	19.94	33.00	PASS
Band38         20MHz         16QAM         37850         1RB#0         21.33         20.23         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#49         21.60         20.50         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS	Band38	20MHz	QPSK	38150	50RB#50	20.95	19.85	33.00	PASS
Band38         20MHz         16QAM         37850         1RB#49         21.60         20.50         33.00         PASS           Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS	Band38	20MHz	QPSK	38150	100RB#0	21.12	20.02	33.00	PASS
Band38         20MHz         16QAM         37850         1RB#99         21.11         20.01         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS	Band38	20MHz	16QAM	37850	1RB#0	21.33	20.23	33.00	PASS
Band38         20MHz         16QAM         37850         50RB#0         20.53         19.43         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS	Band38	20MHz	16QAM	37850	1RB#49	21.60	20.50	33.00	PASS
Band38         20MHz         16QAM         37850         50RB#25         20.51         19.41         33.00         PASS           Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS <td>Band38</td> <td>20MHz</td> <td>16QAM</td> <td>37850</td> <td>1RB#99</td> <td>21.11</td> <td>20.01</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	16QAM	37850	1RB#99	21.11	20.01	33.00	PASS
Band38         20MHz         16QAM         37850         50RB#50         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS	Band38	20MHz	16QAM	37850	50RB#0	20.53	19.43	33.00	PASS
Band38         20MHz         16QAM         37850         100RB#0         20.59         19.49         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#9         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.10         20.00         33.00         PASS <td>Band38</td> <td>20MHz</td> <td>16QAM</td> <td>37850</td> <td>50RB#25</td> <td>20.51</td> <td>19.41</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	16QAM	37850	50RB#25	20.51	19.41	33.00	PASS
Band38         20MHz         16QAM         38000         1RB#0         21.23         20.13         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS	Band38	20MHz	16QAM	37850	50RB#50	20.46	19.36	33.00	PASS
Band38         20MHz         16QAM         38000         1RB#49         21.41         20.31         33.00         PASS           Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS	Band38	20MHz	16QAM	37850	100RB#0	20.59	19.49	33.00	PASS
Band38         20MHz         16QAM         38000         1RB#99         20.93         19.83         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.24         19.14         33.00         PASS <td>Band38</td> <td>20MHz</td> <td>16QAM</td> <td>38000</td> <td>1RB#0</td> <td>21.23</td> <td>20.13</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	16QAM	38000	1RB#0	21.23	20.13	33.00	PASS
Band38         20MHz         16QAM         38000         50RB#0         20.46         19.36         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS <td>Band38</td> <td>20MHz</td> <td>16QAM</td> <td>38000</td> <td>1RB#49</td> <td>21.41</td> <td>20.31</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	16QAM	38000	1RB#49	21.41	20.31	33.00	PASS
Band38         20MHz         16QAM         38000         50RB#25         20.35         19.25         33.00         PASS           Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS <td>Band38</td> <td>20MHz</td> <td>16QAM</td> <td>38000</td> <td>1RB#99</td> <td>20.93</td> <td>19.83</td> <td>33.00</td> <td>PASS</td>	Band38	20MHz	16QAM	38000	1RB#99	20.93	19.83	33.00	PASS
Band38         20MHz         16QAM         38000         50RB#50         20.27         19.17         33.00         PASS           Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38000	50RB#0	20.46	19.36	33.00	PASS
Band38         20MHz         16QAM         38000         100RB#0         20.36         19.26         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38000	50RB#25	20.35	19.25	33.00	PASS
Band38         20MHz         16QAM         38150         1RB#0         21.10         20.00         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38000	50RB#50	20.27	19.17	33.00	PASS
Band38         20MHz         16QAM         38150         1RB#49         21.29         20.19         33.00         PASS           Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38000	100RB#0	20.36	19.26	33.00	PASS
Band38         20MHz         16QAM         38150         1RB#99         20.86         19.76         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38150	1RB#0	21.10	20.00	33.00	PASS
Band38         20MHz         16QAM         38150         50RB#0         20.24         19.14         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38150	1RB#49	21.29	20.19	33.00	PASS
Band38         20MHz         16QAM         38150         50RB#25         20.25         19.15         33.00         PASS           Band38         20MHz         16QAM         38150         50RB#50         20.08         18.98         33.00         PASS	Band38	20MHz	16QAM	38150	1RB#99	20.86	19.76	33.00	PASS
Band38 20MHz 16QAM 38150 50RB#50 20.08 18.98 33.00 PASS	Band38	20MHz	16QAM	38150	50RB#0	20.24	19.14	33.00	PASS
	Band38	20MHz	16QAM	38150	50RB#25	20.25	19.15	33.00	PASS
Band38         20MHz         16QAM         38150         100RB#0         20.16         19.06         33.00         PASS	Band38	20MHz	16QAM	38150	50RB#50	20.08	18.98	33.00	PASS
	Band38	20MHz	16QAM	38150	100RB#0	20.16	19.06	33.00	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]



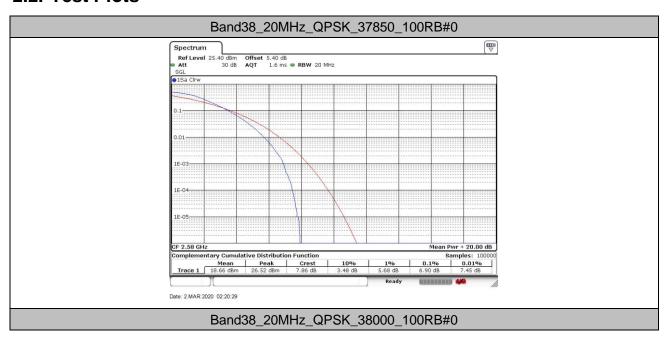
Page: 7 of 51

#### 2. Peak-to-Average Ratio(CCDF)

#### 2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	6.90	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.30	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.28	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	5.91	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.32	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.87	13	PASS

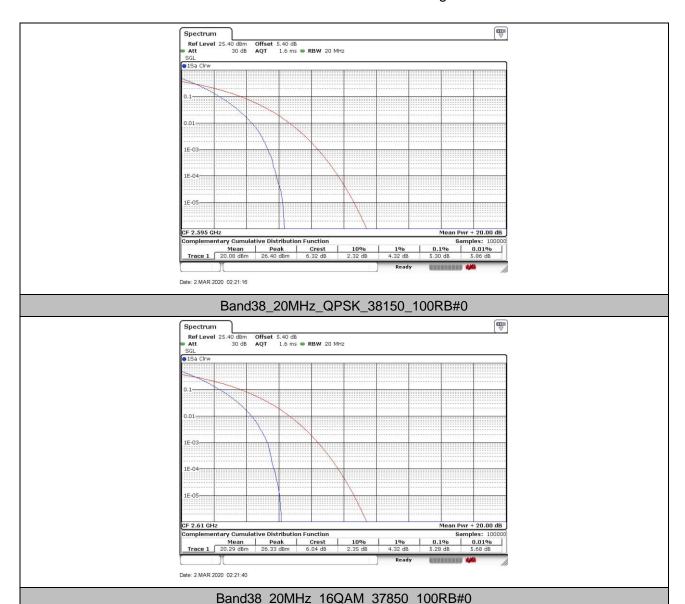
#### 2.2. Test Plots





Report No.: ZR/2020/2000201-01

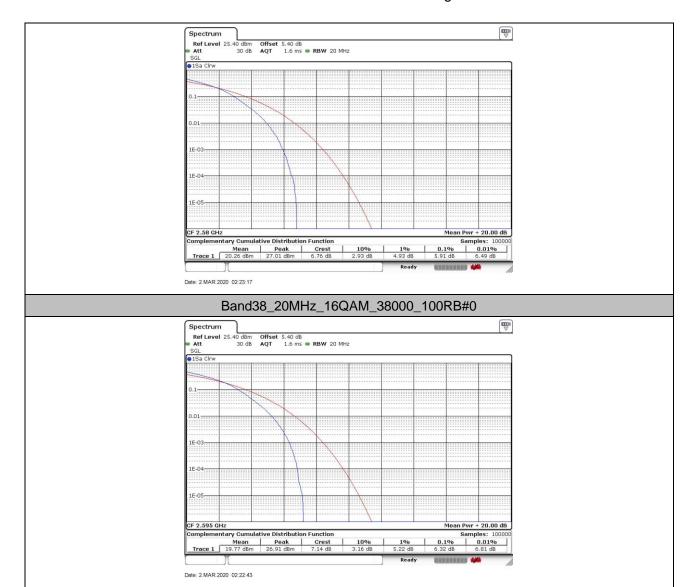
Page: 8 of 51





Report No.: ZR/2020/2000201-01

Page: 9 of 51

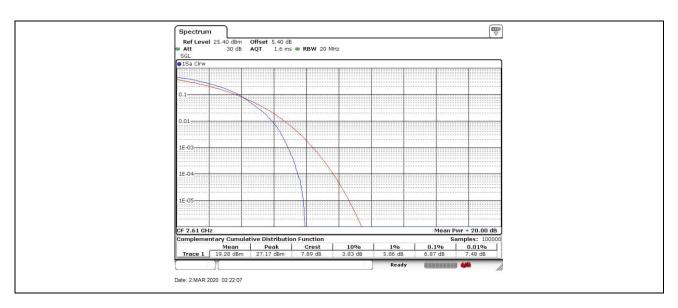


Band38 20MHz 16QAM 38150 100RB#0



Report No.: ZR/2020/2000201-01

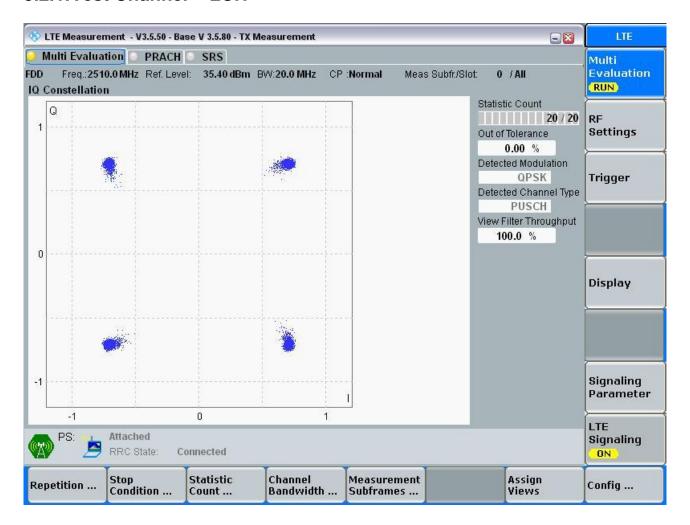
Page: 10 of 51



Page: 11 of 51

#### 3. Modulation Characteristics

- 3.1. Test Band = LTE Band 38
- 3.2. Test Mode = LTE /TM1 20MHz
- 3.2.1.Test Channel = LCH

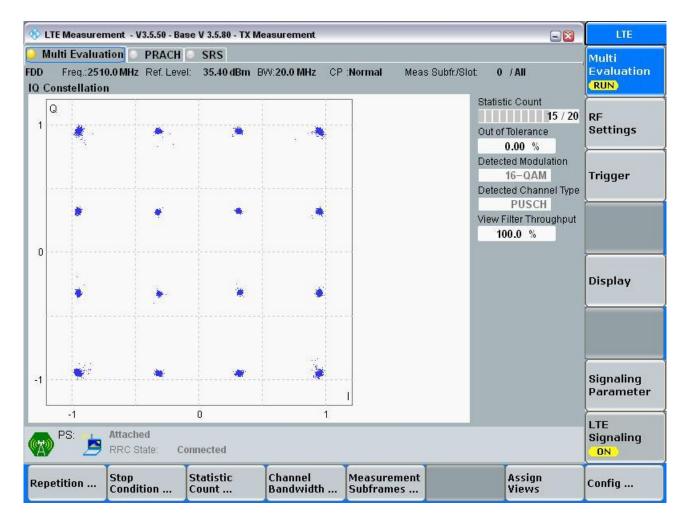




Page: 12 of 51

#### 3.3. Test Mode = LTE /TM2 20MHz

#### 3.3.1.Test Channel = LCH





Page: 13 of 51

#### 4. 26dB Bandwidth and Occupied Bandwidth

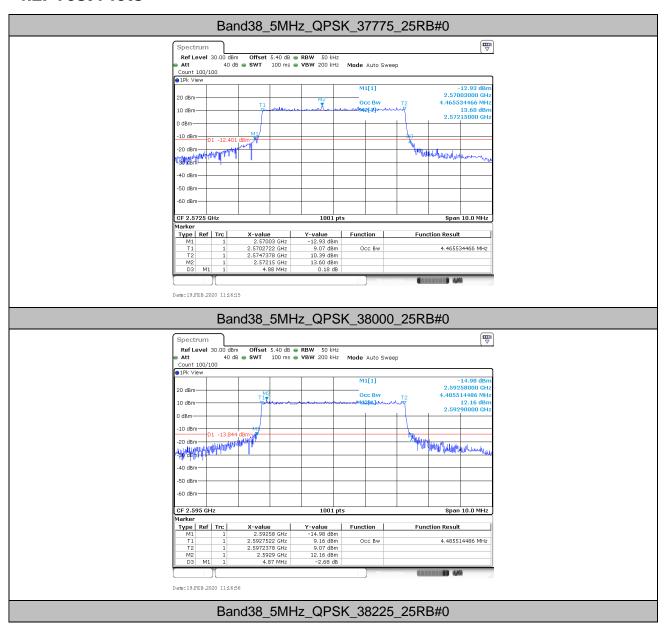
#### 4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.466	4.880	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.486	4.870	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.456	4.860	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.466	4.820	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.466	4.910	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.466	4.850	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.951	9.560	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.951	9.620	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.951	9.840	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.931	10.380	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.931	9.620	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.931	9.480	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.427	15.660	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.457	15.510	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.516	16.050	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.516	17.340	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.487	15.840	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.487	16.140	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.902	20.400	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.760	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	19.880	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.862	19.320	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	20.960	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.902	19.880	PASS



Page: 14 of 51

#### 4.2. Test Plots

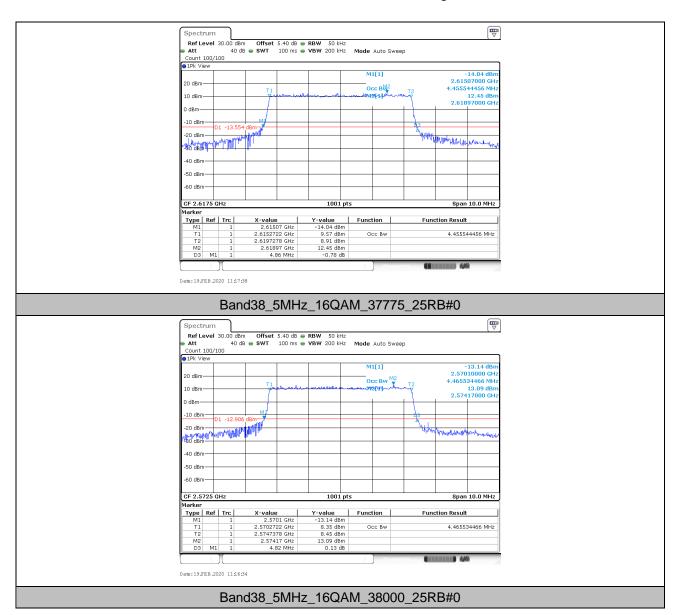






Report No.: ZR/2020/2000201-01

Page: 15 of 51

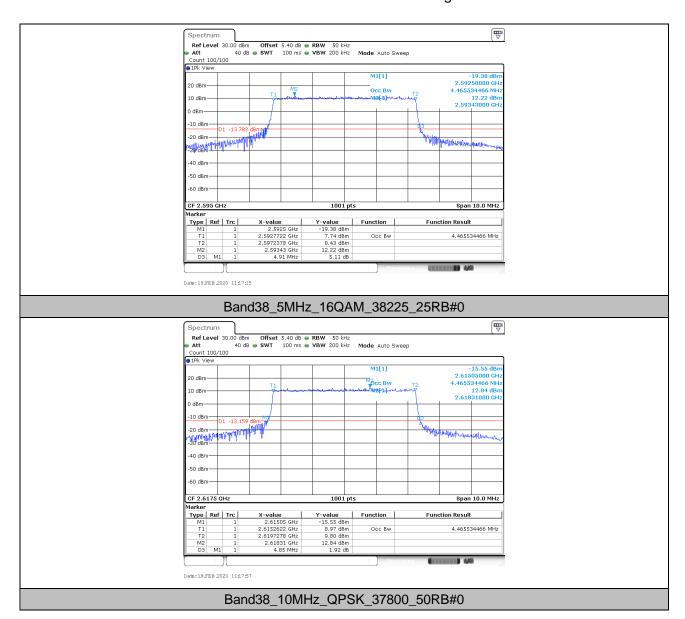






Report No.: ZR/2020/2000201-01

Page: 16 of 51

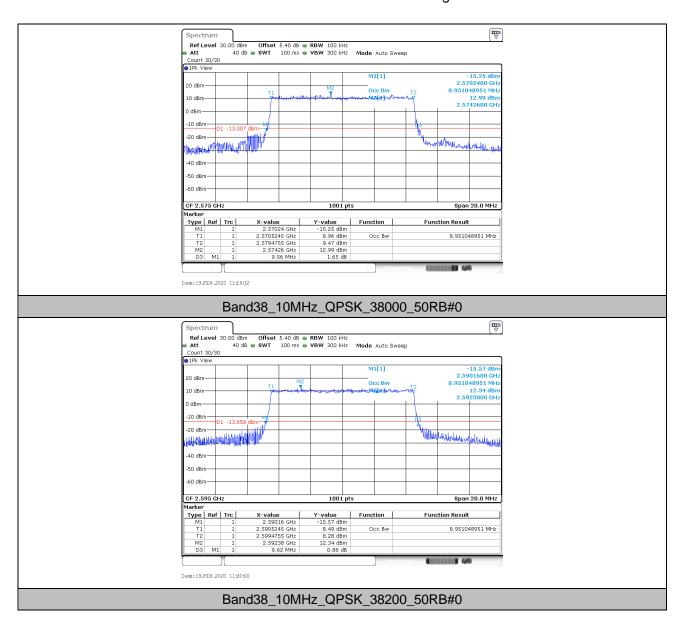






Report No.: ZR/2020/2000201-01

Page: 17 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

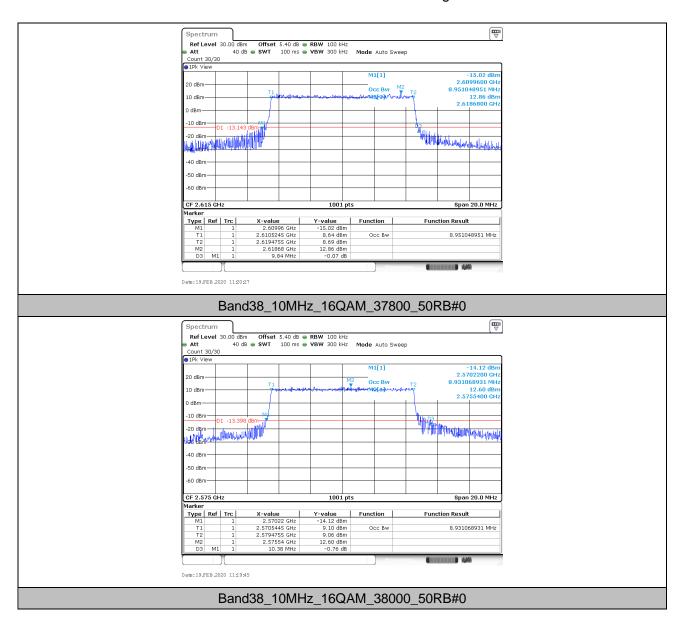
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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



Report No.: ZR/2020/2000201-01

Page: 18 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

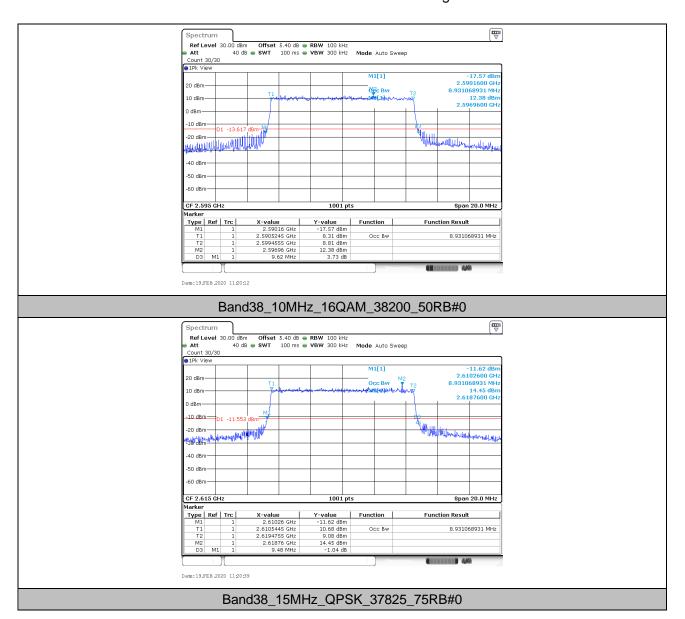
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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/2020/2000201-01

Page: 19 of 51

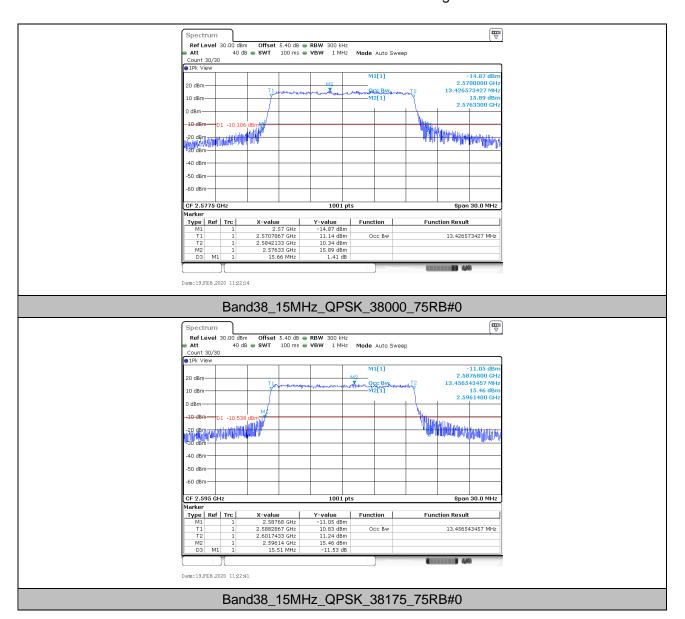






Report No.: ZR/2020/2000201-01

Page: 20 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

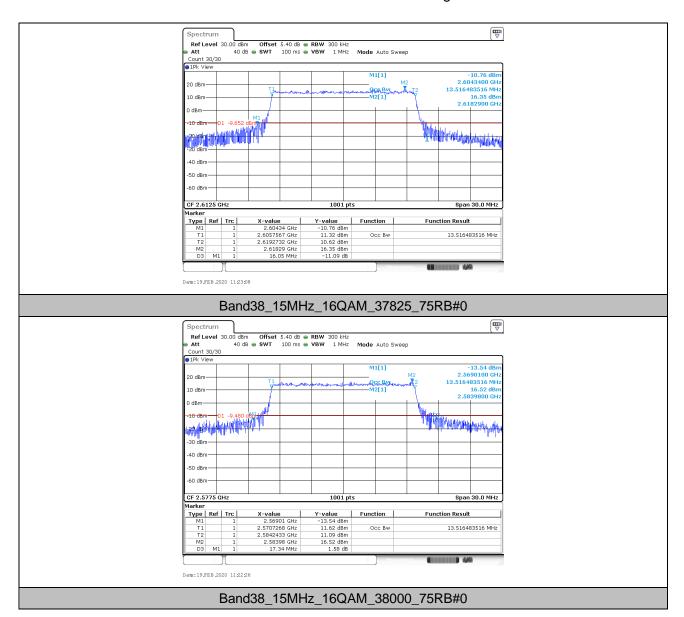
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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



Report No.: ZR/2020/2000201-01

Page: 21 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

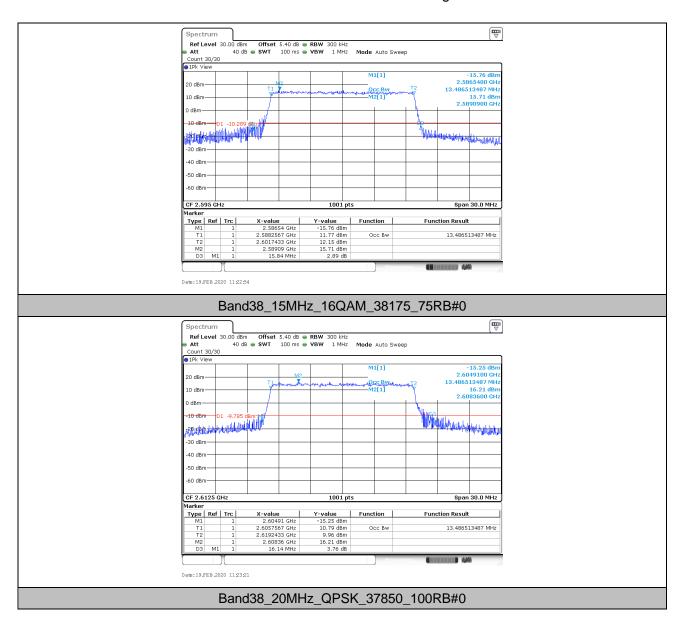
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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/2020/2000201-01

Page: 22 of 51

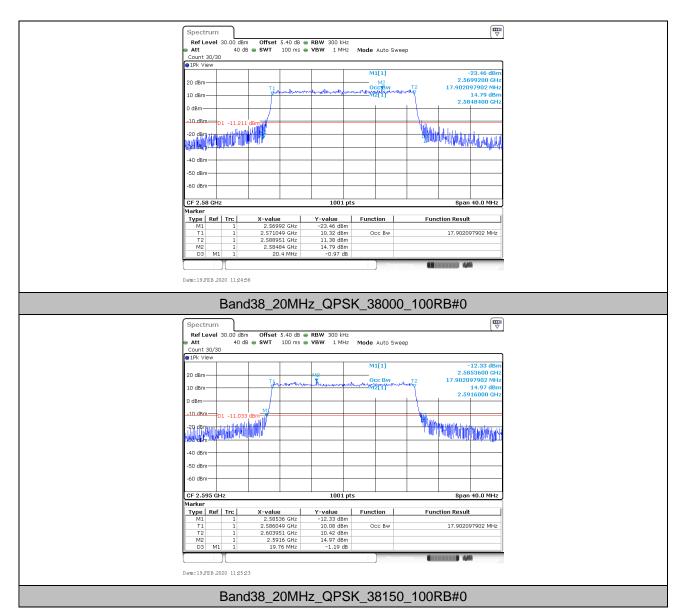






Report No.: ZR/2020/2000201-01

Page: 23 of 51

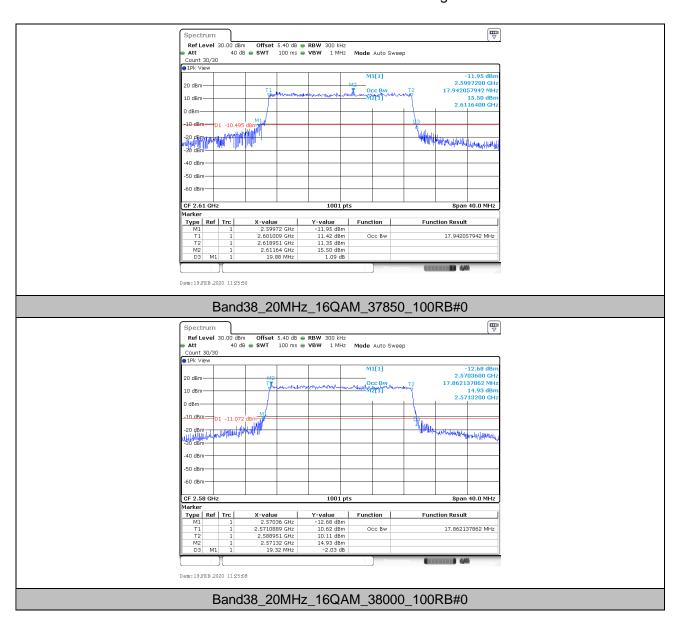






Report No.: ZR/2020/2000201-01

Page: 24 of 51

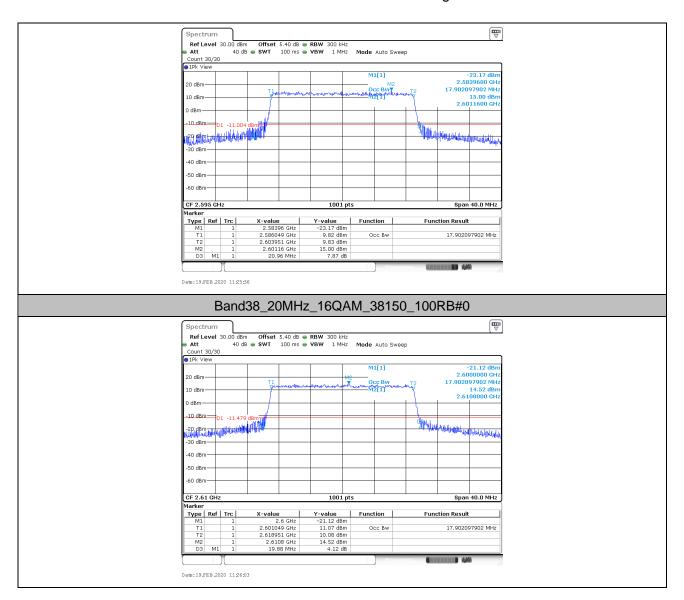






Report No.: ZR/2020/2000201-01

Page: 25 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

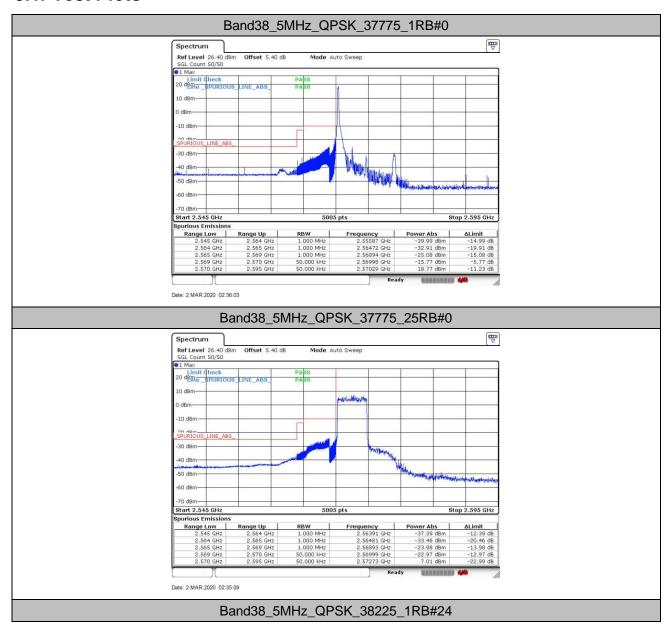
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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

Page: 26 of 51

#### 5. Band Edge Compliance

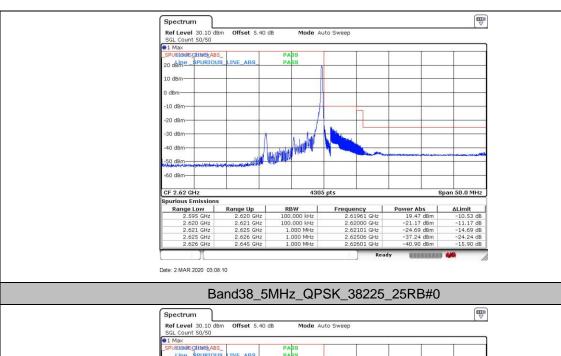
#### 5.1. Test Plots

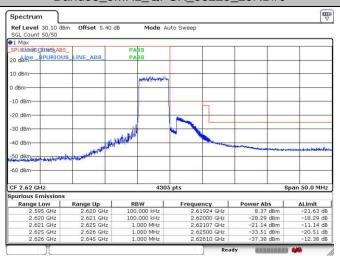




Report No.: ZR/2020/2000201-01

Page: 27 of 51





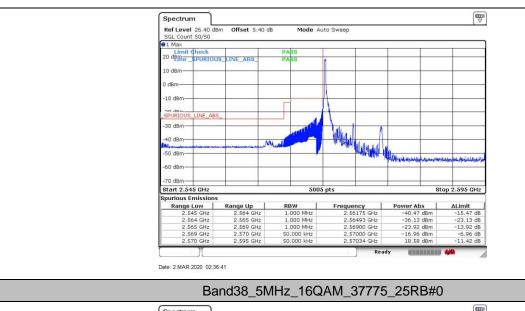
Band38\_5MHz\_16QAM\_37775\_1RB#0

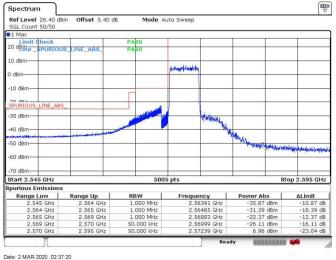
Date: 2.MAR.2020 03:07:11



Report No.: ZR/2020/2000201-01

Page: 28 of 51





Band38 5MHz 16QAM 38225 1RB#24



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

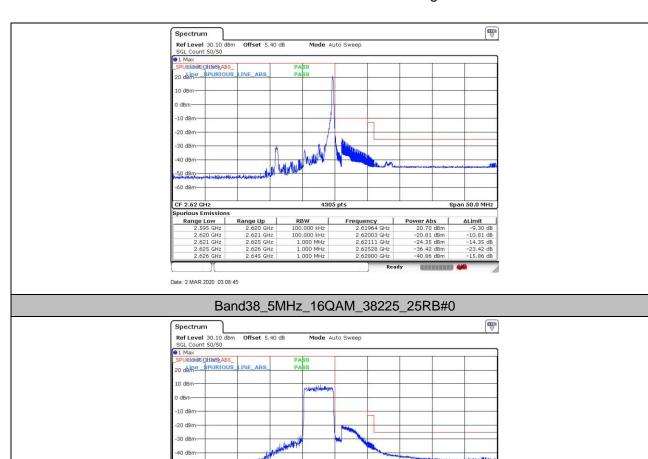
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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/2020/2000201-01

Page: 29 of 51



Band38\_10MHz\_QPSK\_37800\_1RB#0

2.621 GHz 2.625 GHz 2.626 GHz 2.645 GHz

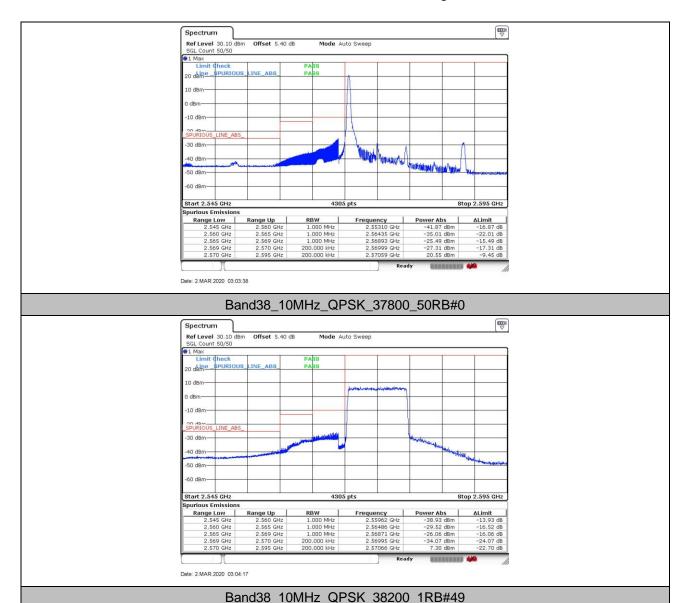
-60 dBm CF 2.62 GHz

Date: 2.MAR.2020 03:09:49



Report No.: ZR/2020/2000201-01

Page: 30 of 51





Laboratory.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

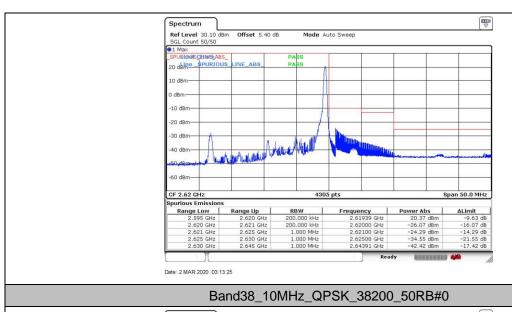
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

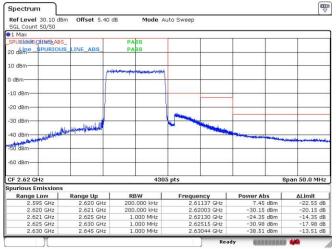
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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

Report No.: ZR/2020/2000201-01

Page: 31 of 51





Band38 10MHz 16QAM 37800 1RB#0



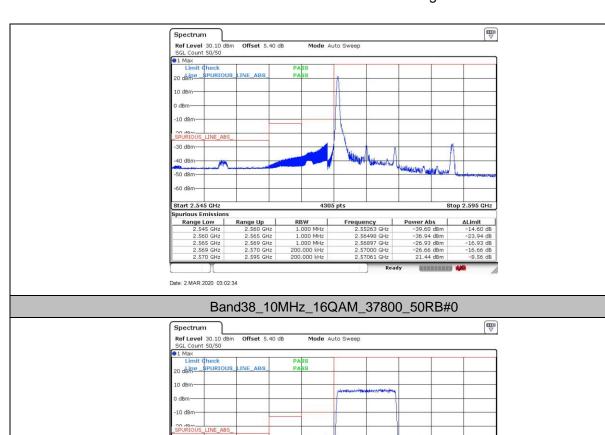
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

Date: 2.MAR.2020 03:14:07

Report No.: ZR/2020/2000201-01

Page: 32 of 51



Date: 2.MAR.2020 02:59:42

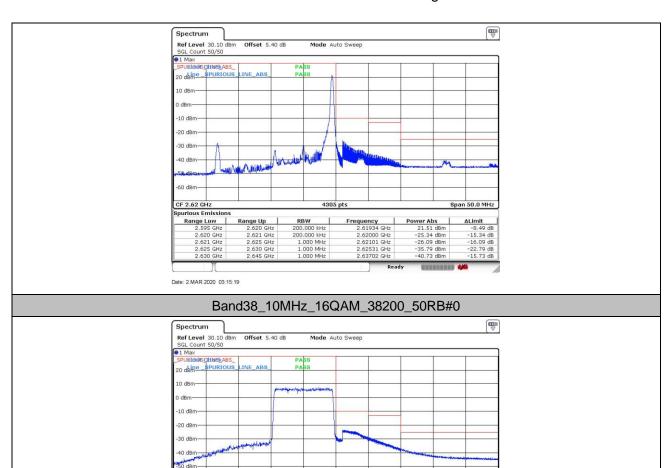
-30 dBm -40 dBm -50 dBm -60 dBm Start 2.545 GHz

Band38 10MHz 16QAM 38200 1RB#49



Report No.: ZR/2020/2000201-01

Page: 33 of 51



Band38\_15MHz\_QPSK\_37825\_1RB#0

2.621 GHz 2.625 GHz 2.630 GHz 2.645 GHz

-60 dBm CF 2.62 GHz

Date: 2.MAR.2020 03:14:45



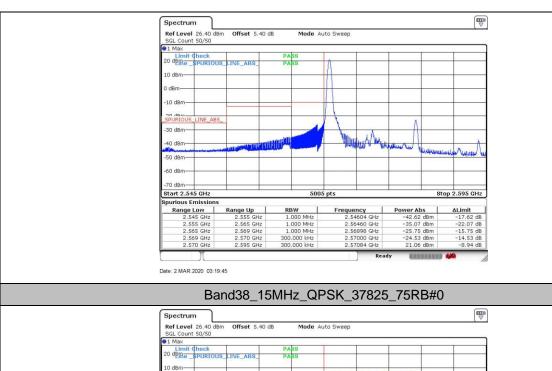
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

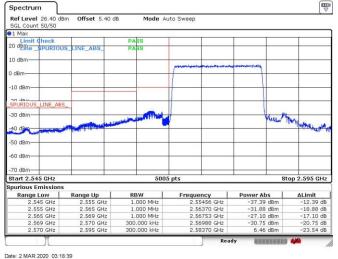
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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/2020/2000201-01

Page: 34 of 51



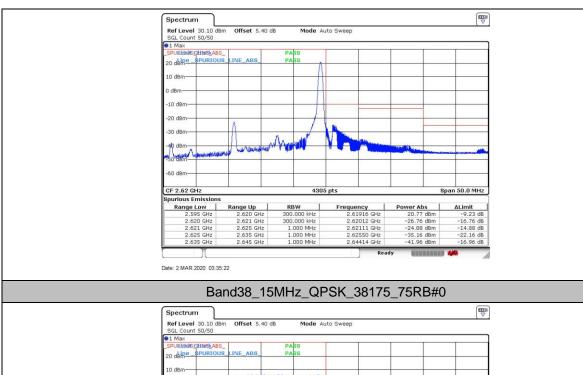


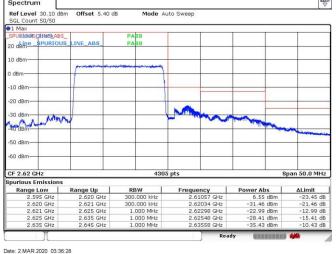
Band38 15MHz QPSK 38175 1RB#74



Report No.: ZR/2020/2000201-01

Page: 35 of 51



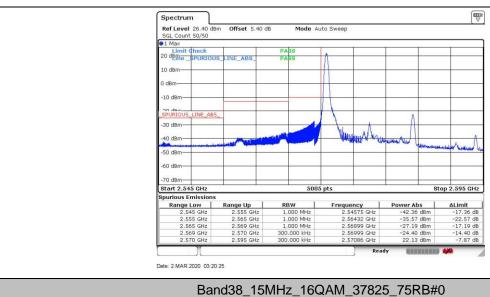


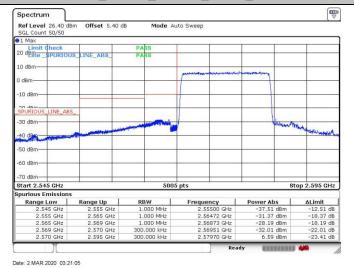
Band38\_15MHz\_16QAM\_37825\_1RB#0



Report No.: ZR/2020/2000201-01

Page: 36 of 51





Band38 15MHz 16QAM 38175 1RB#74



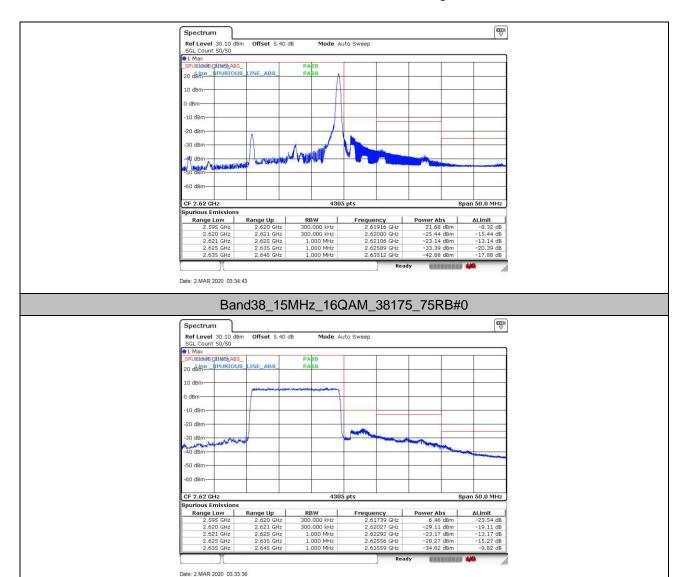
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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/2020/2000201-01

Page: 37 of 51



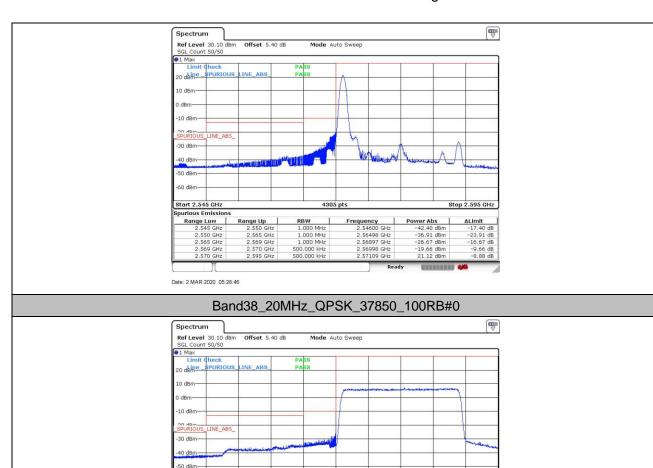
Band38\_20MHz\_QPSK\_37850\_1RB#0



Report No.: ZR/2020/2000201-01

Page: 38 of 51

Stop 2.595 GHz



Band38 20MHz QPSK 38150 1RB#99

-60 dBm-

Start 2.545 GHz

2.550 GHz 2.565 GHz 2.569 GHz 2.570 GHz

Date: 2.MAR.2020 05:27:33



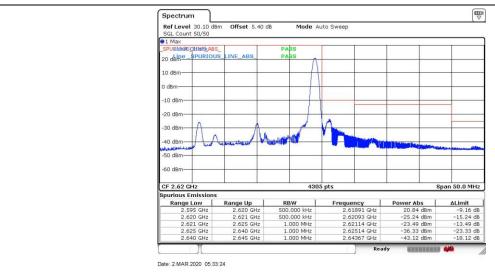
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

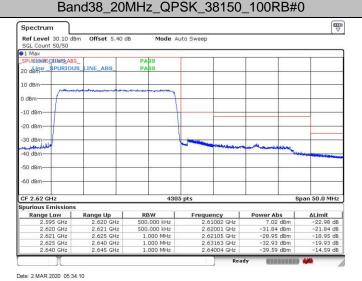
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*.

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/2020/2000201-01

Page: 39 of 51





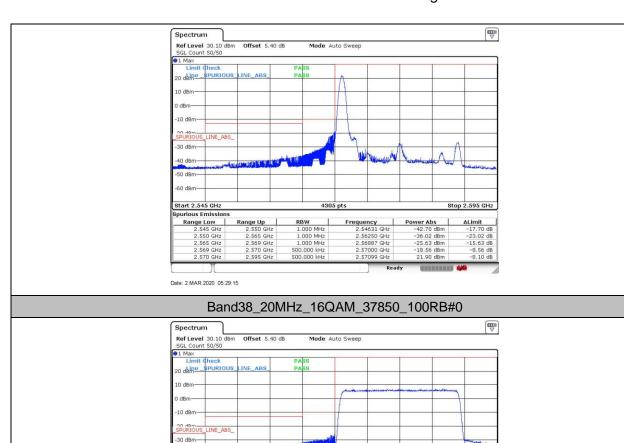
Band38 20MHz 16QAM 37850 1RB#0



Report No.: ZR/2020/2000201-01

Page: 40 of 51

Stop 2.595 GHz



Band38 20MHz 16QAM 38150 1RB#99

-60 dBm-

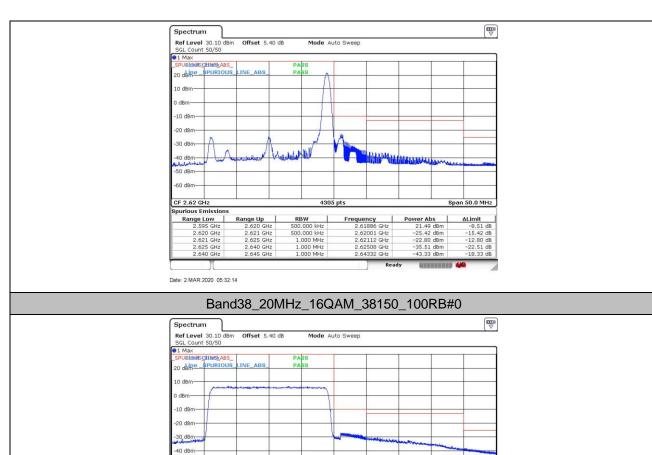
Start 2.545 GHz

Date: 2.MAR.2020 05:30:03



Report No.: ZR/2020/2000201-01

Page: 41 of 51



Date: 2.MAR.2020 05:31:14

2.621 GHz 2.625 GHz 2.640 GHz 2.645 GHz

-50 dBm -60 dBm CF 2.62 GHz



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

Power Abs 6.99 dBm -29.95 dBm -27.03 dBm -30.26 dBm -38.21 dBm

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

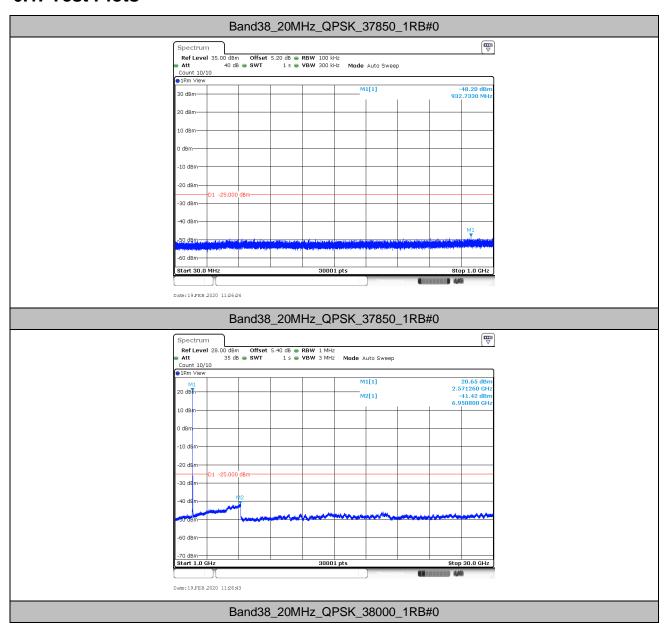
Page: 42 of 51

### 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





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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.

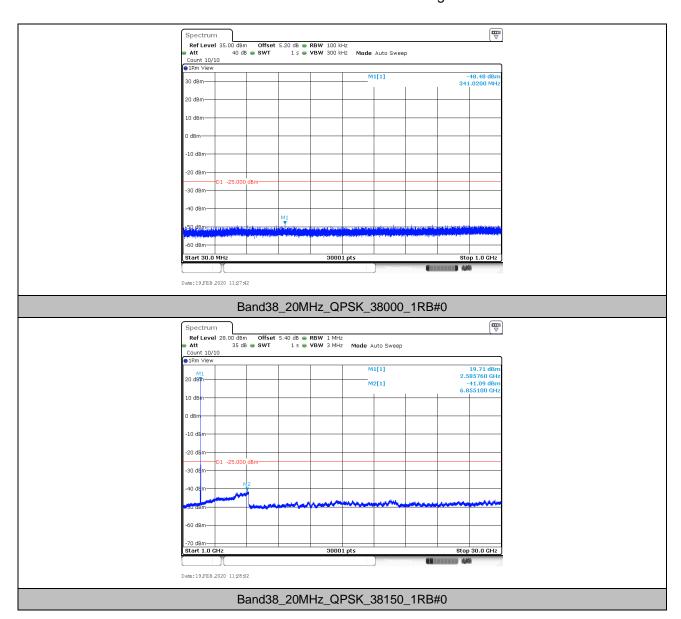
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443,

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/2020/2000201-01

Page: 43 of 51

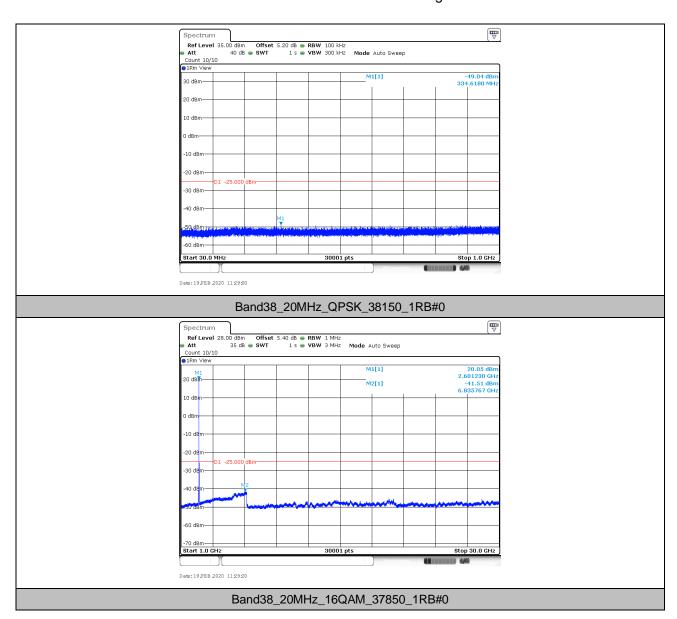






Report No.: ZR/2020/2000201-01

Page: 44 of 51

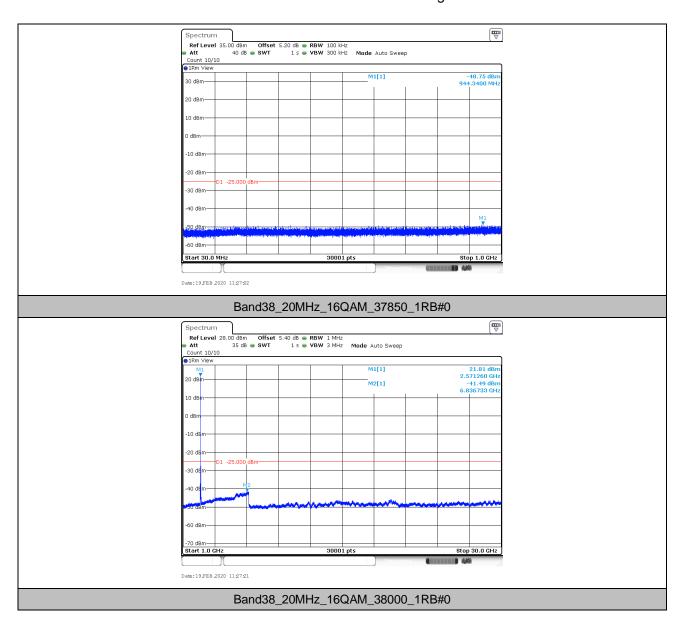






Report No.: ZR/2020/2000201-01

Page: 45 of 51

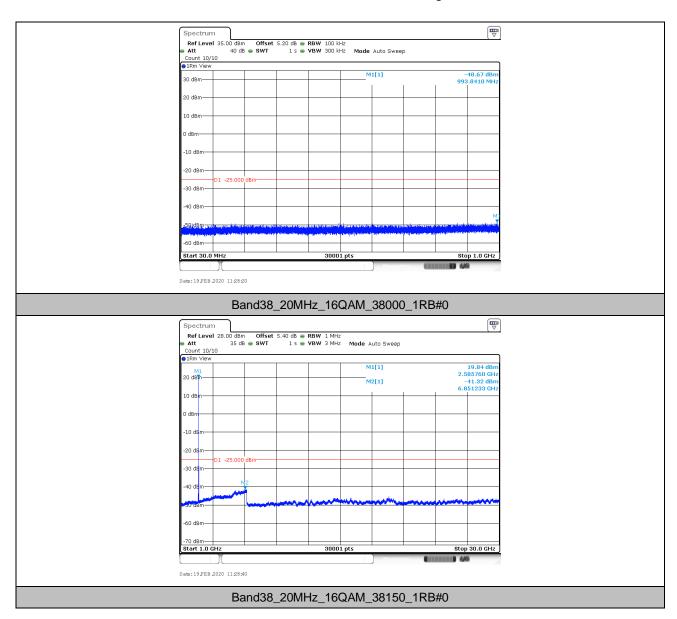






Report No.: ZR/2020/2000201-01

Page: 46 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

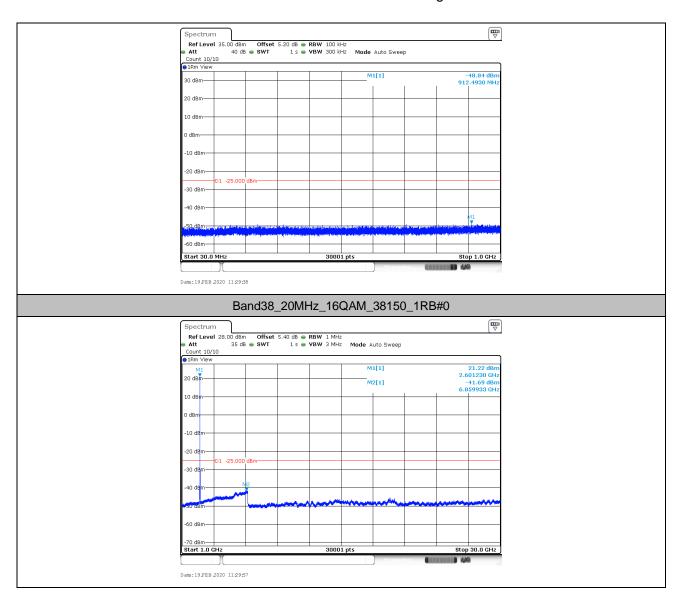
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86–755) 26012053 f (86–755) 26710594 www.sgsgroup.com.cn 中国·深圳·科技园中区M-10栋一号厂房

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



Report No.: ZR/2020/2000201-01

Page: 47 of 51





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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\*\*.

sgs.china@sgs.com

Page: 48 of 51

### 7. Field Strength of Spurious Radiation

### 7.1. Test Band = LTE Band 38

#### 7.1.1.Test Mode =LTE/TM1

#### 7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)		Angle [°]	Polarization
65.7463	-67.52	-25.00	42.52	184	31	Vertical
113.0847	-64.18	-25.00	39.18	175	158	Vertical
612.7081	-63.45	-25.00	38.45	169	306	Vertical
2997.1994	-38.14	-25.00	13.14	155	130	Vertical
5172.0724	-52.52	-25.00	27.52	184	331	Vertical
7758.1586	-42.16	-25.00	17.16	168	207	Vertical
45.6663	-63.29	-25.00	38.29	187	277	Horizontal
251.0256	-67.11	-25.00	42.11	152	350	Horizontal
580.5025	-63.74	-25.00	38.74	169	178	Horizontal
2987.9976	-38.35	-25.00	13.35	174	261	Horizontal
5172.0724	-54.97	-25.00	29.97	152	79	Horizontal
7758.1586	-47.39	-25.00	22.39	162	350	Horizontal

### 7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization	
113.9092	-64.42	-25.00	39.42	271	351	Vertical	
388.5299	-68.12	-25.00	43.12	265	228	Vertical	
2991.5983	-38.18	-25.00	13.18	148	180	Vertical	
5142.5714	-54.18	-25.00	29.18	169	327	Vertical	
7713.6571	-43.79	-25.00	18.79	175	104	Vertical	
10284.2428	-48.08	-25.00	23.08	198	203	Vertical	
43.7747	-63.84	-25.00	38.84	184	179	Horizontal	
242.0526	-68.28	-25.00	43.28	175	179	Horizontal	
592.5311	-63.91	-25.00	38.91	196	229	Horizontal	
2997.5995	-38.38	-25.00	13.38	165	27	Horizontal	
7713.1571	-44.97	-25.00	19.97	187	5	Horizontal	
16395.4465	-44.37	-25.00	19.37	132	229	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 Intervention on the company and the content of 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: CND Poccheck-Reas 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

Page: 49 of 51

#### 7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization	
107.2644	-64.59	-25.00	39.59	222	103	Vertical	
294.9687	-68.60	-25.00	43.60	271	227	Vertical	
2991.5983	-38.30	-25.00	13.30	265	176	Vertical	
5202.0734	-52.85	-25.00	27.85	284	326	Vertical	
7803.1601	-43.54	-25.00	18.54	217	103	Vertical	
10404.2468	-48.00	-25.00	23.00	265	54	Vertical	
44.4052	-63.70	-25.00	38.70	184	155	Horizontal	
236.7173	-67.14	-25.00	42.14	175	181	Horizontal	
540.3425	-64.79	-25.00	39.79	166	81	Horizontal	
2986.3973	-38.39	-25.00	13.39	195	62	Horizontal	
7803.1601	-47.06	-25.00	22.06	165	354	Horizontal	
16376.4459	-44.16	-25.00	19.16	189	354	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 had been displayed.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



Page: 50 of 51

### 8. Frequency Stability

### 8.1. Frequency Vs Voltage

Dond	Donalis i alth	Madulation	Channal	RB	Voltage	Temperature	Deviation	Deviation	Limit	\/o.mali.a.t
Band Bandwidth	Modulation	Channel	Configure	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdict	
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-22.20	-0.008605	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-26.68	-0.010341	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-22.30	-0.008643	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-20.81	-0.008019	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-22.87	-0.008813	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-19.45	-0.007495	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-19.96	-0.007648	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-25.82	-0.009893	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-23.82	-0.009126	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-23.76	-0.009209	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-21.87	-0.008477	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-18.25	-0.007074	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-23.45	-0.009037	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-21.29	-0.008204	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-20.13	-0.007757	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-21.69	-0.008310	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-21.70	-0.008314	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-25.22	-0.009663	±2.5	PASS

### 8.2. Frequency Vs Temperature

	Band Bandwidth			RB	Voltage	Temperature	Deviation	Deviation	Limit	
Band		Modulation	Channel	Configure	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-22.69	-0.008795	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-20.70	-0.008023	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-21.89	-0.008484	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-22.60	-0.008760	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-23.67	-0.009174	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-21.04	-0.008155	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-26.14	-0.010132	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-20.73	-0.008035	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-17.95	-0.006917	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-23.26	-0.008963	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-18.73	-0.007218	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-23.20	-0.008940	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-21.62	-0.008331	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-21.11	-0.008135	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-19.47	-0.007503	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-20.59	-0.007934	±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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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/2020/2000201-01

51 of 51 Page:

Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-25.56	-0.009793	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-20.89	-0.008004	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-24.62	-0.009433	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-24.58	-0.009418	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-23.12	-0.008858	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-19.10	-0.007318	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-20.08	-0.007693	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-23.50	-0.009004	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-17.84	-0.006915	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-20.63	-0.007996	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-21.44	-0.008310	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-16.88	-0.006543	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-23.32	-0.009039	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-30.66	-0.011884	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-25.39	-0.009841	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-20.69	-0.008019	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-24.88	-0.009588	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-20.86	-0.008039	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-25.33	-0.009761	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-18.32	-0.007060	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-21.49	-0.008281	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-18.84	-0.007260	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-22.29	-0.008590	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-16.44	-0.006335	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-19.53	-0.007483	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-23.82	-0.009126	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-20.17	-0.007728	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-26.35	-0.010096	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-20.84	-0.007985	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-20.04	-0.007678	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-26.97	-0.010333	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-26.02	-0.009969	±2.5	PASS

The End

