Appendix B

E-UTRA Band 4

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER 4

TEST RESULT 4

2 PEAK-TO-AVERAGE RATIO (CCDF) 26

2.1 TEST RESULT 26
2.2 TEST PLOTS 26

3 MODULATION CHARACTERISTICS 31

3.1 TEST MODE = LTE /TM1 20MHZ 31
3.1.1 TEST CHANNEL = MCH 31
3.2 TEST MODE = LTE /TM2 20MHZ 32
3.2.1 TEST CHANNEL = MCH 32
3.3 TEST MODE = LTE /TM3 20MHZ 33
3.3.1 TEST CHANNEL = MCH 33

4 26DB BANDWIDTH AND OCCUPIED BANDWIDTH 34

4.1 TEST RESULT 34
4.2 TEST PLOTS 36

5 BAND EDGE COMPLIANCE 63

5.1 TEST PLOTS 63

6 SPURIOUS EMISSION AT ANTENNA TERMINAL 100

6.1 TEST PLOTS 100

7 FIELD STRENGTH OF SPURIOUS RADIATION 110

7.1 TEST MODE =LTE/TM1 20MHZ(ANT1) 110
7.1.1 TEST CHANNEL = LCH 110
7.1.2 TEST CHANNEL = MCH 110
7.1.3 TEST CHANNEL = HCH 111
7.2 TEST MODE =LTE/TM1 20MHZ(ANT2) 111
7.2.1 TEST CHANNEL = LCH 111
7.2.2 TEST CHANNEL = MCH 112
7.2.3 TEST CHANNEL = HCH 112

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

8 FREQUENCY STABILITY 113

8.1 FREQUENCY VS VOLTAGE 113

8.2 FREQUENCY VS TEMPERATURE 114

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1 Effective (Isotropic) Radiated Power

Test Result

ANT1：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.83	23.83	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.00	24.00	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.85	23.85	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.70	23.70	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.81	23.81	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.66	23.66	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.64	22.64	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.65	23.65	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.61	23.61	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.78	23.78	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.76	23.76	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.68	23.68	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.59	23.59	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	23.05	23.05	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.67	23.67	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.63	23.63	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.44	23.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.72	23.72	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.56	23.56	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.44	23.44	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	23.15	23.15	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	23.00	23.00	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.08	23.08	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	22.86	22.86	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.73	22.73	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.76	22.76	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.90	22.90	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	22.07	22.07	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	23.25	23.25	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	22.94	22.94	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	22.90	22.90	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	1.4MHz	16QAM	20175	3RB#0	22.49	22.49	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.81	22.81	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.24	22.24	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.89	21.89	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	22.94	22.94	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.82	22.82	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.79	22.79	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.49	22.49	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.50	22.50	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.39	22.39	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.62	21.62	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	22.78	22.78	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.97	22.97	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	22.79	22.79	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	22.69	22.69	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	22.78	22.78	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	22.65	22.65	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	21.52	21.52	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	22.56	22.56	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	22.55	22.55	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	22.67	22.67	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	22.69	22.69	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	22.57	22.57	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	22.50	22.50	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	21.82	21.82	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	22.66	22.66	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	22.57	22.57	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	22.33	22.33	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	22.64	22.64	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	22.46	22.46	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	22.33	22.33	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	21.83	21.83	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.90	23.90	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.85	23.85	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.83	23.83	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.10	23.10	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.94	22.94	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.91	22.91	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.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

Band4	3MHz	QPSK	19965	15RB#0	22.89	22.89	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.57	23.57	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.53	23.53	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.72	23.72	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#0	22.83	22.83	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.81	22.81	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.76	22.76	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.78	22.78	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.60	23.60	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.76	23.76	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.57	23.57	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.75	22.75	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.62	22.62	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.66	22.66	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.61	22.61	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.58	23.58	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.12	23.12	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.72	22.72	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.00	22.00	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	21.99	21.99	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.90	21.90	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	21.93	21.93	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.24	23.24	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.13	23.13	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.90	22.90	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.85	21.85	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.87	21.87	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.86	21.86	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.85	21.85	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.03	23.03	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	23.26	23.26	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.68	22.68	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.78	21.78	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.74	21.74	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.68	21.68	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.39	21.39	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	22.83	22.83	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	22.76	22.76	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	3MHz	64QAM	19965	1RB#14	22.73	22.73	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.98	21.98	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	21.85	21.85	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	21.91	21.91	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	21.88	21.88	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	22.44	22.44	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	22.51	22.51	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	22.62	22.62	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	21.73	21.73	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	21.79	21.79	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	21.75	21.75	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	21.72	21.72	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	22.57	22.57	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	22.75	22.75	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	22.56	22.56	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	21.65	21.65	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	21.61	21.61	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	21.60	21.60	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	21.54	21.54	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.83	23.83	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.03	24.03	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.91	23.91	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	23.03	23.03	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	22.90	22.90	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	22.98	22.98	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.97	23.97	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.85	23.85	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.80	23.80	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.95	22.95	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.96	22.96	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.94	22.94	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.77	23.77	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.90	23.90	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.15	23.15	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.71	22.71	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.52	22.52	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	5MHz	QPSK	20375	12RB#13	22.54	22.54	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.83	22.83	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.03	23.03	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.40	23.40	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	23.29	23.29	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.20	22.20	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	22.03	22.03	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.06	22.06	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	21.98	21.98	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.02	23.02	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.17	23.17	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	23.12	23.12	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.94	21.94	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.92	21.92	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.86	21.86	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.83	21.83	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.30	23.30	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	23.08	23.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.54	22.54	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.77	21.77	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.81	21.81	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.58	21.58	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.59	21.59	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	22.81	22.81	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	23.00	23.00	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	22.86	22.86	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	21.93	21.93	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	21.84	21.84	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	21.82	21.82	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.90	21.90	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	22.89	22.89	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	22.72	22.72	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	22.67	22.67	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	21.86	21.86	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	21.86	21.86	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	21.90	21.90	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	21.85	21.85	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	22.66	22.66	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	5MHz	64QAM	20375	1RB#12	22.81	22.81	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	22.14	22.14	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	21.65	21.65	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	21.46	21.46	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#13	21.47	21.47	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	21.83	21.83	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.05	24.05	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.94	23.94	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	23.95	23.95	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	23.01	23.01	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	23.00	23.00	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.95	22.95	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	23.04	23.04	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.04	24.04	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.87	23.87	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.83	23.83	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.99	22.99	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.88	22.88	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	23.00	23.00	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.95	22.95	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.92	23.92	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.71	23.71	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.80	23.80	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.86	22.86	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.83	22.83	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.84	22.84	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.84	22.84	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.05	23.05	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.50	23.50	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	23.00	23.00	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.14	22.14	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.95	21.95	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	22.06	22.06	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.02	22.02	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.30	23.30	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	23.48	23.48	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.81	22.81	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	22.05	22.05	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	10MHz	16QAM	20175	25RB#12	22.01	22.01	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.86	21.86	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.98	21.98	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	23.15	23.15	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	23.26	23.26	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.03	22.03	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.88	21.88	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.77	21.77	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.82	21.82	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	22.15	22.15	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.96	22.96	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	22.84	22.84	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.85	22.85	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	21.94	21.94	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	21.99	21.99	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	21.87	21.87	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	21.99	21.99	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	22.98	22.98	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	22.81	22.81	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	22.81	22.81	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	21.94	21.94	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	21.76	21.76	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	21.90	21.90	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	21.91	21.91	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	22.84	22.84	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	22.61	22.61	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	22.67	22.67	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	21.84	21.84	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	21.70	21.70	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	21.82	21.82	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	21.73	21.73	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.06	24.06	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.42	23.42	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.55	23.55	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.30	22.30	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.39	22.39	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.43	22.43	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.46	22.46	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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

Band4	15MHz	QPSK	20175	1RB#0	23.93	23.93	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.40	23.40	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.41	23.41	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.44	22.44	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#18	22.49	22.49	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.35	22.35	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.44	22.44	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.87	23.87	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.34	23.34	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.19	23.19	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.52	22.52	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.42	22.42	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.24	22.24	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.19	22.19	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	22.52	22.52	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	23.28	23.28	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.65	22.65	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.30	21.30	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.47	21.47	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.49	21.49	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.68	22.68	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.87	22.87	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.47	22.47	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.47	21.47	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.35	21.35	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.34	21.34	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	23.37	23.37	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.60	22.60	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.30	22.30	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.54	21.54	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.43	21.43	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.23	21.23	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.36	21.36	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.99	22.99	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	22.30	22.30	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	22.49	22.49	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	15MHz	64QAM	20025	38RB#0	21.28	21.28	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	21.26	21.26	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	21.34	21.34	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	21.36	21.36	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	22.85	22.85	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	22.40	22.40	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	22.28	22.28	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	21.44	21.44	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	21.40	21.40	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	21.24	21.24	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	21.43	21.43	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	22.76	22.76	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	22.22	22.22	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	22.10	22.10	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.45	21.45	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	21.41	21.41	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	21.15	21.15	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	21.11	21.11	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.85	23.85	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.96	23.96	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.43	23.43	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.42	22.42	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.41	22.41	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.38	22.38	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.39	22.39	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.65	23.65	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	24.10	24.10	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.45	23.45	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.56	22.56	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.39	22.39	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.38	22.38	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.61	22.61	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.65	23.65	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	24.09	24.09	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.25	23.25	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.49	22.49	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.16	22.16	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.25	22.25	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	20MHz	QPSK	20300	100RB#0	22.36	22.36	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	22.24	22.24	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.35	22.35	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.28	22.28	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#0	21.23	21.23	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.41	21.41	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.32	21.32	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.50	21.50	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.25	22.25	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.43	22.43	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.25	22.25	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.43	21.43	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.33	21.33	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.39	21.39	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.41	21.41	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.45	22.45	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.29	22.29	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.36	22.36	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.32	21.32	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.28	21.28	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.23	21.23	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	21.22	21.22	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	22.82	22.82	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	22.85	22.85	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	22.39	22.39	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	21.39	21.39	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	21.37	21.37	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	21.38	21.38	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	21.31	21.31	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	22.63	22.63	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	23.00	23.00	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	22.44	22.44	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	21.50	21.50	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	21.34	21.34	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	21.25	21.25	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	21.61	21.61	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	22.60	22.60	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	22.84	22.84	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.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

Band4	20MHz	64QAM	20300	1RB#99	22.12	22.12	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	21.42	21.42	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	21.09	21.09	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	21.17	21.17	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	21.23	21.23	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

ANT2：

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	23.75	23.25	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	24.14	23.64	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	23.96	23.46	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#0	23.90	23.4	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#1	23.83	23.33	30.00	PASS
Band4	1.4MHz	QPSK	19957	3RB#3	23.92	23.42	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	22.88	22.38	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	23.51	23.01	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	23.53	23.03	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	23.43	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#0	23.55	23.05	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#1	23.67	23.17	30.00	PASS
Band4	1.4MHz	QPSK	20175	3RB#3	23.59	23.09	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	22.57	22.07	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	23.08	22.58	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	23.02	22.52	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	23.25	22.75	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#0	23.43	22.93	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#1	23.41	22.91	30.00	PASS
Band4	1.4MHz	QPSK	20393	3RB#3	23.21	22.71	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	22.28	21.78	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	22.94	22.44	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	23.44	22.94	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	23.10	22.6	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#0	22.77	22.27	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#1	22.99	22.49	30.00	PASS
Band4	1.4MHz	16QAM	19957	3RB#3	22.78	22.28	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	21.94	21.44	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	22.43	21.93	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	23.19	22.69	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	23.00	22.5	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#0	22.57	22.07	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#1	22.53	22.03	30.00	PASS
Band4	1.4MHz	16QAM	20175	3RB#3	22.48	21.98	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	21.52	21.02	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	1.4MHz	16QAM	20393	1RB#0	22.48	21.98	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	22.97	22.47	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	22.54	22.04	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#0	22.11	21.61	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#1	22.14	21.64	30.00	PASS
Band4	1.4MHz	16QAM	20393	3RB#3	22.24	21.74	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	21.05	20.55	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	21.68	21.18	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	22.01	21.51	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	21.94	21.44	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#0	21.82	21.32	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#1	21.75	21.25	30.00	PASS
Band4	1.4MHz	64QAM	19957	3RB#3	21.87	21.37	30.00	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	20.86	20.36	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	21.50	21	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	21.52	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	21.41	20.91	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#0	21.55	21.05	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#1	21.62	21.12	30.00	PASS
Band4	1.4MHz	64QAM	20175	3RB#3	21.47	20.97	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	20.48	19.98	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	21.00	20.5	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	21.06	20.56	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	21.22	20.72	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#0	21.31	20.81	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#1	21.39	20.89	30.00	PASS
Band4	1.4MHz	64QAM	20393	3RB#3	21.11	20.61	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	20.21	19.71	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	23.93	23.43	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	23.96	23.46	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	23.83	23.33	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#0	23.02	22.52	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#4	22.91	22.41	30.00	PASS
Band4	3MHz	QPSK	19965	8RB#7	22.92	22.42	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	23.04	22.54	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	23.52	23.02	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	23.73	23.23	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	23.68	23.18	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	3MHz	QPSK	20175	8RB#0	22.65	22.15	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#4	22.64	22.14	30.00	PASS
Band4	3MHz	QPSK	20175	8RB#7	22.52	22.02	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	22.58	22.08	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	23.20	22.7	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	23.13	22.63	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	23.24	22.74	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#0	22.28	21.78	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#4	22.34	21.84	30.00	PASS
Band4	3MHz	QPSK	20385	8RB#7	22.40	21.9	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	22.34	21.84	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	23.23	22.73	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	23.38	22.88	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	22.64	22.14	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#0	22.06	21.56	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#4	22.08	21.58	30.00	PASS
Band4	3MHz	16QAM	19965	8RB#7	21.91	21.41	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	22.16	21.66	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	23.21	22.71	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	23.02	22.52	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	22.88	22.38	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#0	21.70	21.2	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#4	21.66	21.16	30.00	PASS
Band4	3MHz	16QAM	20175	8RB#7	21.65	21.15	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	21.57	21.07	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	23.07	22.57	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	22.97	22.47	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	22.38	21.88	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#0	21.50	21	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#4	21.55	21.05	30.00	PASS
Band4	3MHz	16QAM	20385	8RB#7	21.39	20.89	30.00	PASS
Band4	3MHz	16QAM	20385	15RB#0	21.32	20.82	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	21.88	21.38	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	21.83	21.33	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	21.74	21.24	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#0	21.00	20.5	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#4	20.81	20.31	30.00	PASS
Band4	3MHz	64QAM	19965	8RB#7	20.88	20.38	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.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

Band4	3MHz	64QAM	19965	15RB#0	21.02	20.52	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	21.43	20.93	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	21.65	21.15	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	21.56	21.06	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#0	20.62	20.12	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#4	20.56	20.06	30.00	PASS
Band4	3MHz	64QAM	20175	8RB#7	20.39	19.89	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	20.55	20.05	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	21.17	20.67	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	21.04	20.54	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	21.14	20.64	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#0	20.15	19.65	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#4	20.28	19.78	30.00	PASS
Band4	3MHz	64QAM	20385	8RB#7	20.37	19.87	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	20.34	19.84	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	23.78	23.28	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	24.13	23.63	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	23.86	23.36	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#0	22.90	22.4	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#6	22.93	22.43	30.00	PASS
Band4	5MHz	QPSK	19975	12RB#13	23.03	22.53	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	23.15	22.65	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	23.66	23.16	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	23.65	23.15	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	23.58	23.08	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#0	22.65	22.15	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#6	22.63	22.13	30.00	PASS
Band4	5MHz	QPSK	20175	12RB#13	22.61	22.11	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	22.64	22.14	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	23.33	22.83	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	23.38	22.88	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	23.07	22.57	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#0	22.45	21.95	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#6	22.28	21.78	30.00	PASS
Band4	5MHz	QPSK	20375	12RB#13	22.16	21.66	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	22.47	21.97	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	23.51	23.01	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	23.45	22.95	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	5MHz	16QAM	19975	1RB#24	22.97	22.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#0	22.11	21.61	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#6	21.97	21.47	30.00	PASS
Band4	5MHz	16QAM	19975	12RB#13	22.01	21.51	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	22.21	21.71	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	23.35	22.85	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	23.36	22.86	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	22.77	22.27	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#0	21.63	21.13	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#6	21.71	21.21	30.00	PASS
Band4	5MHz	16QAM	20175	12RB#13	21.76	21.26	30.00	PASS
Band4	5MHz	16QAM	20175	25RB#0	21.58	21.08	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	23.08	22.58	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	22.23	21.73	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	22.10	21.6	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#0	21.34	20.84	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#6	21.46	20.96	30.00	PASS
Band4	5MHz	16QAM	20375	12RB#13	21.20	20.7	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	21.36	20.86	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	21.66	21.16	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	22.02	21.52	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	21.84	21.34	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#0	20.90	20.4	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#6	20.80	20.3	30.00	PASS
Band4	5MHz	64QAM	19975	12RB#13	20.96	20.46	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	21.05	20.55	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	21.63	21.13	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	21.63	21.13	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	21.50	21	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#0	20.58	20.08	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#6	20.62	20.12	30.00	PASS
Band4	5MHz	64QAM	20175	12RB#13	20.60	20.1	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	20.58	20.08	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	21.24	20.74	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	21.25	20.75	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	21.01	20.51	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#0	20.33	19.83	30.00	PASS
Band4	5MHz	64QAM	20375	12RB#6	20.17	19.67	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	5MHz	64QAM	20375	12RB#13	20.14	19.64	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	20.41	19.91	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	24.24	23.74	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	23.95	23.45	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	24.05	23.55	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#0	22.87	22.37	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#12	22.94	22.44	30.00	PASS
Band4	10MHz	QPSK	20000	25RB#25	22.85	22.35	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	22.88	22.38	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	24.00	23.5	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	23.51	23.01	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	23.88	23.38	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#0	22.70	22.2	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#12	22.69	22.19	30.00	PASS
Band4	10MHz	QPSK	20175	25RB#25	22.69	22.19	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	22.70	22.2	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	23.69	23.19	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	23.51	23.01	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	23.05	22.55	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#0	22.43	21.93	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#12	22.41	21.91	30.00	PASS
Band4	10MHz	QPSK	20350	25RB#25	22.28	21.78	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	22.44	21.94	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	23.55	23.05	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	23.42	22.92	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	22.71	22.21	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#0	22.04	21.54	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#12	21.99	21.49	30.00	PASS
Band4	10MHz	16QAM	20000	25RB#25	21.83	21.33	30.00	PASS
Band4	10MHz	16QAM	20000	50RB#0	22.03	21.53	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	23.57	23.07	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	22.60	22.1	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	22.64	22.14	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#0	21.79	21.29	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#12	21.75	21.25	30.00	PASS
Band4	10MHz	16QAM	20175	25RB#25	21.66	21.16	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	21.74	21.24	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	22.65	22.15	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	10MHz	16QAM	20350	1RB#24	22.70	22.2	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	22.08	21.58	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#0	21.56	21.06	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#12	21.52	21.02	30.00	PASS
Band4	10MHz	16QAM	20350	25RB#25	21.41	20.91	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	21.55	21.05	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	22.14	21.64	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	21.85	21.35	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	22.02	21.52	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#0	20.75	20.25	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#12	20.94	20.44	30.00	PASS
Band4	10MHz	64QAM	20000	25RB#25	20.76	20.26	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	20.86	20.36	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	21.94	21.44	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	21.48	20.98	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	21.80	21.3	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#0	20.67	20.17	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#12	20.65	20.15	30.00	PASS
Band4	10MHz	64QAM	20175	25RB#25	20.64	20.14	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	20.60	20.1	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	21.63	21.13	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	21.44	20.94	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	21.09	20.59	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#0	20.31	19.81	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#12	20.30	19.8	30.00	PASS
Band4	10MHz	64QAM	20350	25RB#25	20.22	19.72	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	20.32	19.82	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	24.46	23.96	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	23.22	22.72	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	23.37	22.87	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#0	22.54	22.04	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#18	22.38	21.88	30.00	PASS
Band4	15MHz	QPSK	20025	38RB#37	22.42	21.92	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	22.31	21.81	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	23.87	23.37	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	23.10	22.6	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	23.36	22.86	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#0	22.13	21.63	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.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

Band4	15MHz	QPSK	20175	38RB#18	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20175	38RB#37	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	22.10	21.6	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	23.94	23.44	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	23.07	22.57	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	23.08	22.58	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#0	22.04	21.54	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#18	22.21	21.71	30.00	PASS
Band4	15MHz	QPSK	20325	38RB#37	22.09	21.59	30.00	PASS
Band4	15MHz	QPSK	20325	75RB#0	22.04	21.54	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	23.09	22.59	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	22.65	22.15	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	22.08	21.58	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#0	21.65	21.15	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#18	21.26	20.76	30.00	PASS
Band4	15MHz	16QAM	20025	38RB#37	21.30	20.8	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	21.30	20.8	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	22.66	22.16	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	22.52	22.02	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	22.04	21.54	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#0	21.11	20.61	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#18	21.20	20.7	30.00	PASS
Band4	15MHz	16QAM	20175	38RB#37	21.06	20.56	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	21.17	20.67	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	22.33	21.83	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	22.35	21.85	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	22.03	21.53	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#0	21.01	20.51	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#18	21.06	20.56	30.00	PASS
Band4	15MHz	16QAM	20325	38RB#37	21.04	20.54	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	21.02	20.52	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	22.34	21.84	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	21.12	20.62	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	21.30	20.8	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#0	20.51	20.01	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#18	20.32	19.82	30.00	PASS
Band4	15MHz	64QAM	20025	38RB#37	20.40	19.9	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	20.18	19.68	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4	15MHz	64QAM	20175	1RB#0	21.78	21.28	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	21.03	20.53	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	21.36	20.86	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#0	20.02	19.52	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#18	20.05	19.55	30.00	PASS
Band4	15MHz	64QAM	20175	38RB#37	20.04	19.54	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	20.03	19.53	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	21.82	21.32	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	21.05	20.55	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	21.07	20.57	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#0	21.02	20.52	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#18	20.13	19.63	30.00	PASS
Band4	15MHz	64QAM	20325	38RB#37	20.07	19.57	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	20.03	19.53	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	23.21	22.71	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	23.88	23.38	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	23.04	22.54	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#0	22.46	21.96	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#25	22.29	21.79	30.00	PASS
Band4	20MHz	QPSK	20050	50RB#50	22.32	21.82	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	22.21	21.71	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	23.04	22.54	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	23.92	23.42	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	23.07	22.57	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#0	22.32	21.82	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#25	22.31	21.81	30.00	PASS
Band4	20MHz	QPSK	20175	50RB#50	22.06	21.56	30.00	PASS
Band4	20MHz	QPSK	20175	100RB#0	22.09	21.59	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	23.06	22.56	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	23.42	22.92	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	23.09	22.59	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#0	22.00	21.5	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#25	22.08	21.58	30.00	PASS
Band4	20MHz	QPSK	20300	50RB#50	22.07	21.57	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	22.09	21.59	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	23.10	22.6	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	22.36	21.86	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	22.06	21.56	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	20MHz	16QAM	20050	50RB#0	21.40	20.9	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#25	21.25	20.75	30.00	PASS
Band4	20MHz	16QAM	20050	50RB#50	21.17	20.67	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	21.47	20.97	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	22.74	22.24	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	22.37	21.87	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	22.23	21.73	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#0	21.25	20.75	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#25	21.09	20.59	30.00	PASS
Band4	20MHz	16QAM	20175	50RB#50	21.06	20.56	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	21.07	20.57	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	22.38	21.88	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	22.63	22.13	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	22.02	21.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#0	21.02	20.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#25	21.02	20.52	30.00	PASS
Band4	20MHz	16QAM	20300	50RB#50	21.01	20.51	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	22.04	21.54	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	21.15	20.65	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	21.72	21.22	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	21.05	20.55	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#0	20.36	19.86	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#25	20.16	19.66	30.00	PASS
Band4	20MHz	64QAM	20050	50RB#50	20.19	19.69	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	21.03	20.53	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	21.83	21.33	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	21.04	20.54	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#0	20.18	19.68	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#25	20.32	19.82	30.00	PASS
Band4	20MHz	64QAM	20175	50RB#50	20.03	19.53	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	20.03	19.53	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	21.09	20.59	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	21.35	20.85	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	21.02	20.52	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#0	20.09	19.59	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#25	20.08	19.58	30.00	PASS
Band4	20MHz	64QAM	20300	50RB#50	20.09	19.59	30.00	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.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
Member of the SGS Group (SGS SA)

Band4	20MHz	64QAM	20300	100RB#0	20.06	19.56	30.00	PASS

Remark:

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

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

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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

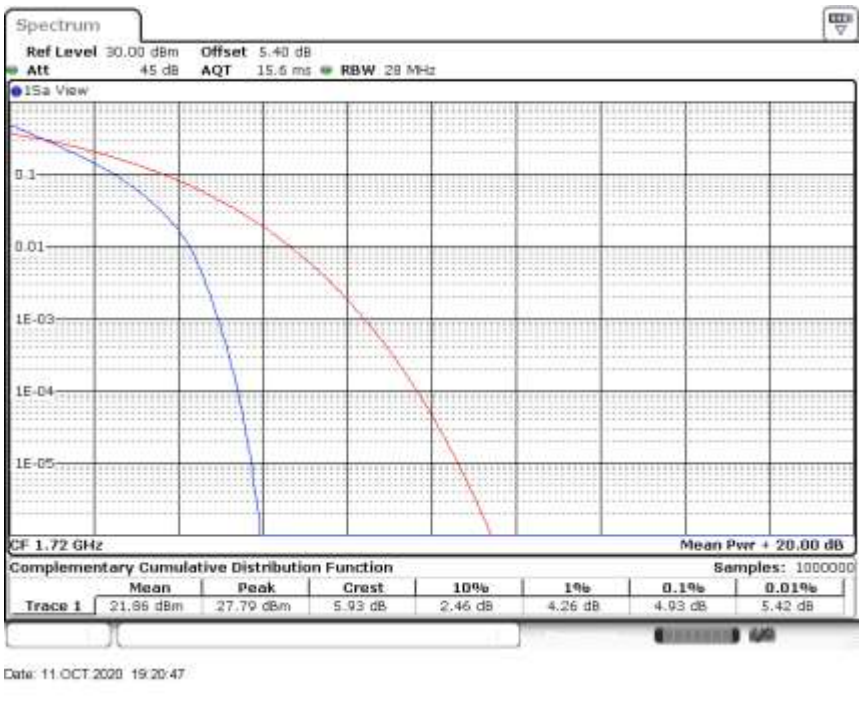
2 Peak-to-Average Ratio (CCDF)

2.1 Test Result

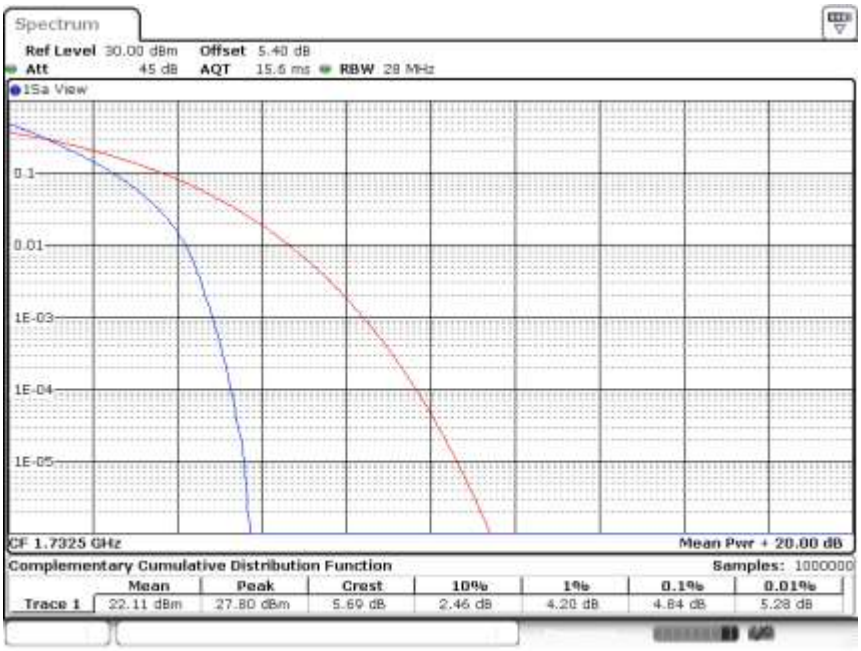
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.93	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	4.84	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	4.90	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.86	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.77	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	5.80	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.29	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.35	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.38	13	PASS

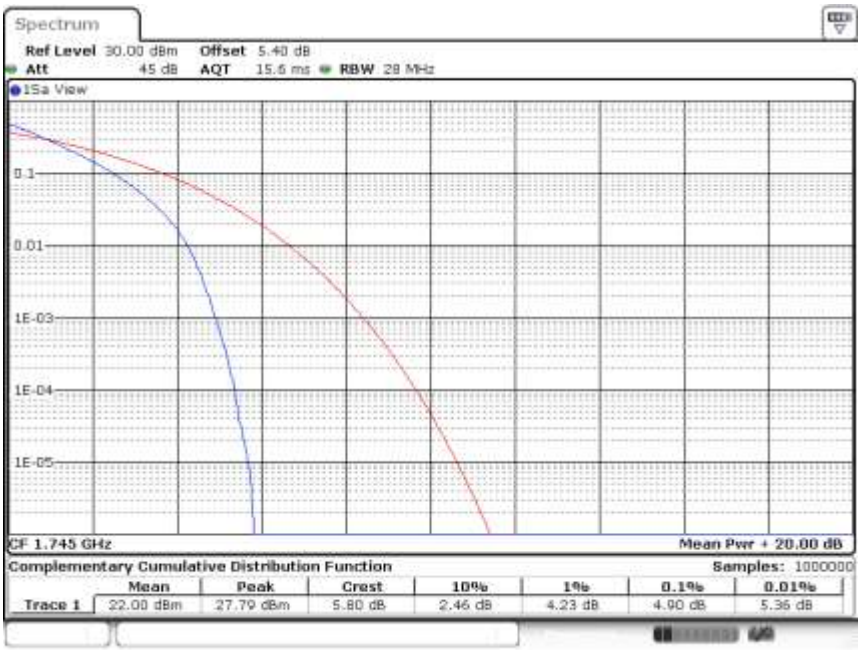
2.2 Test Plots

Band4-20MHz-QPSK-20050-100RB#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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

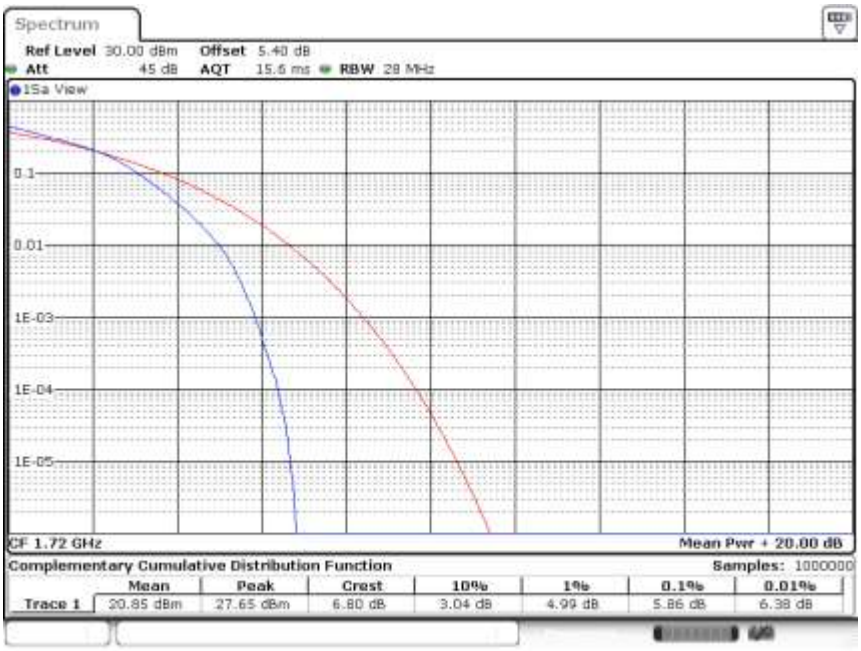
Band4-20MHz-QPSK-20175-100RB#0


Band4-20MHz-QPSK-20300-100RB#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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

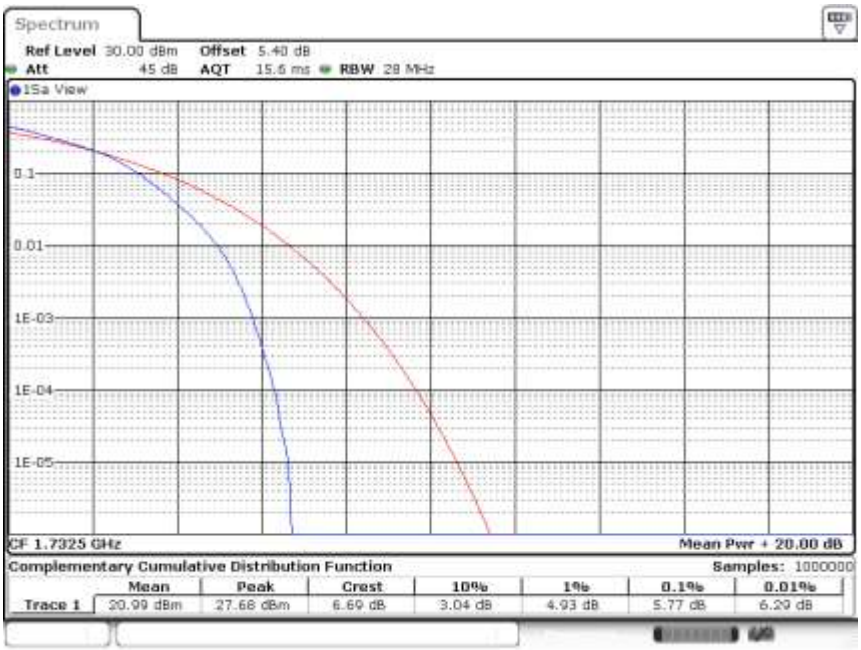
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-20MHz-16QAM-20050-100RB#0



Date: 11.OCT.2020 19:21:01

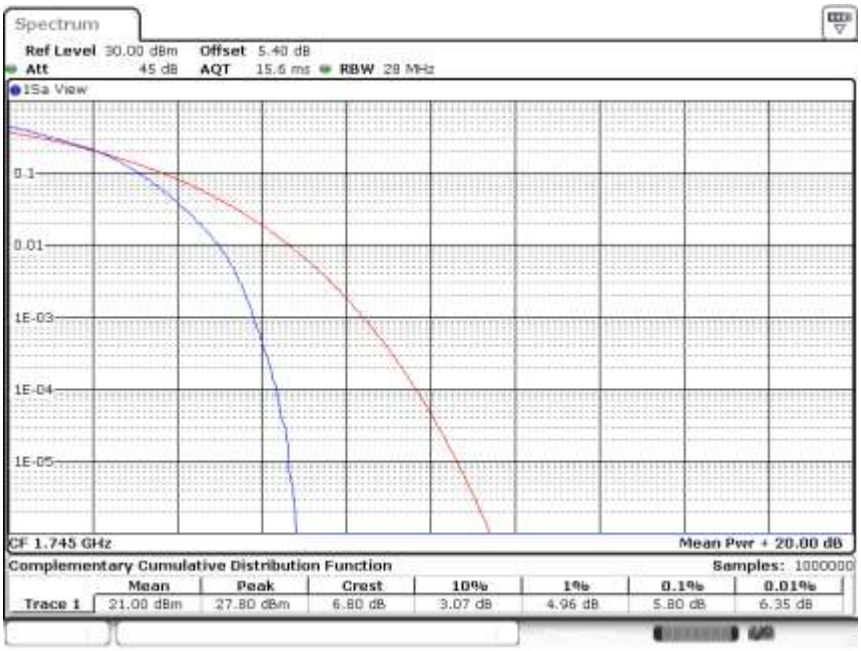
Band4-20MHz-16QAM-20175-100RB#0



Date: 11.OCT.2020 19:21:30

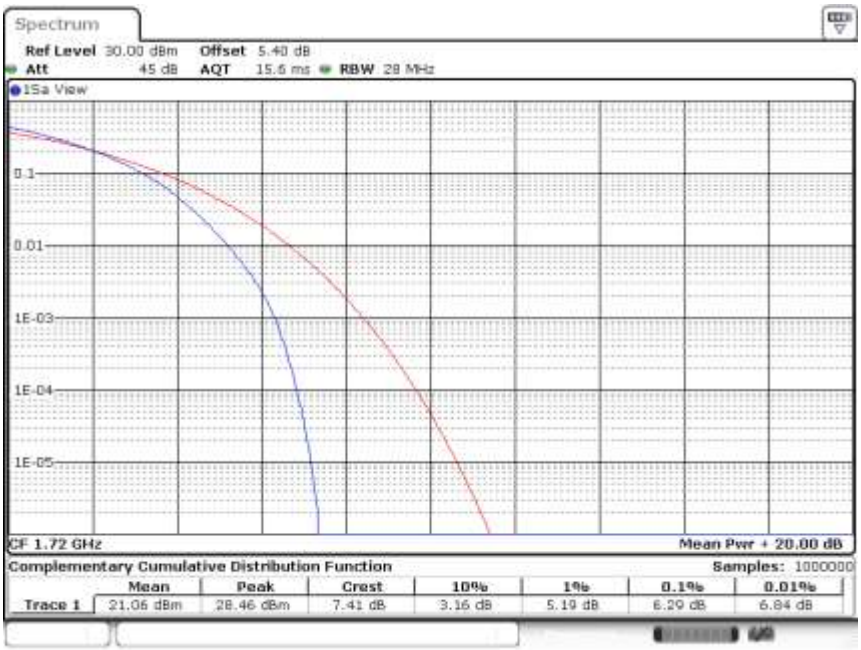
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-16QAM-20300-100RB#0



Date: 11.OCT.2020 19:21:59

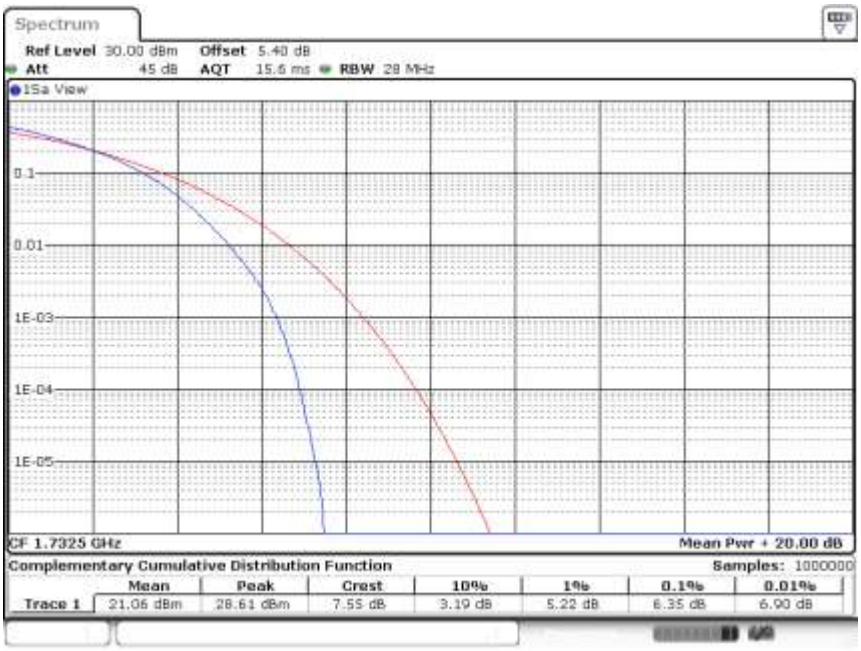
Band4-20MHz-64QAM-20050-100RB#0



Date: 14.OCT.2020 10:56:40

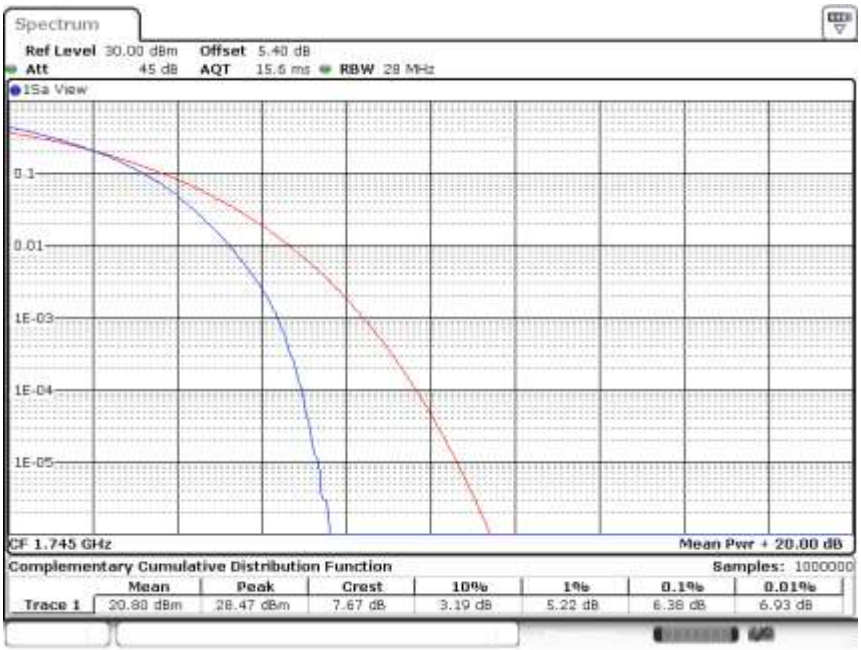
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20175-100RB#0



Date: 14.OCT.2020 10:56:55

Band4-20MHz-64QAM-20300-100RB#0



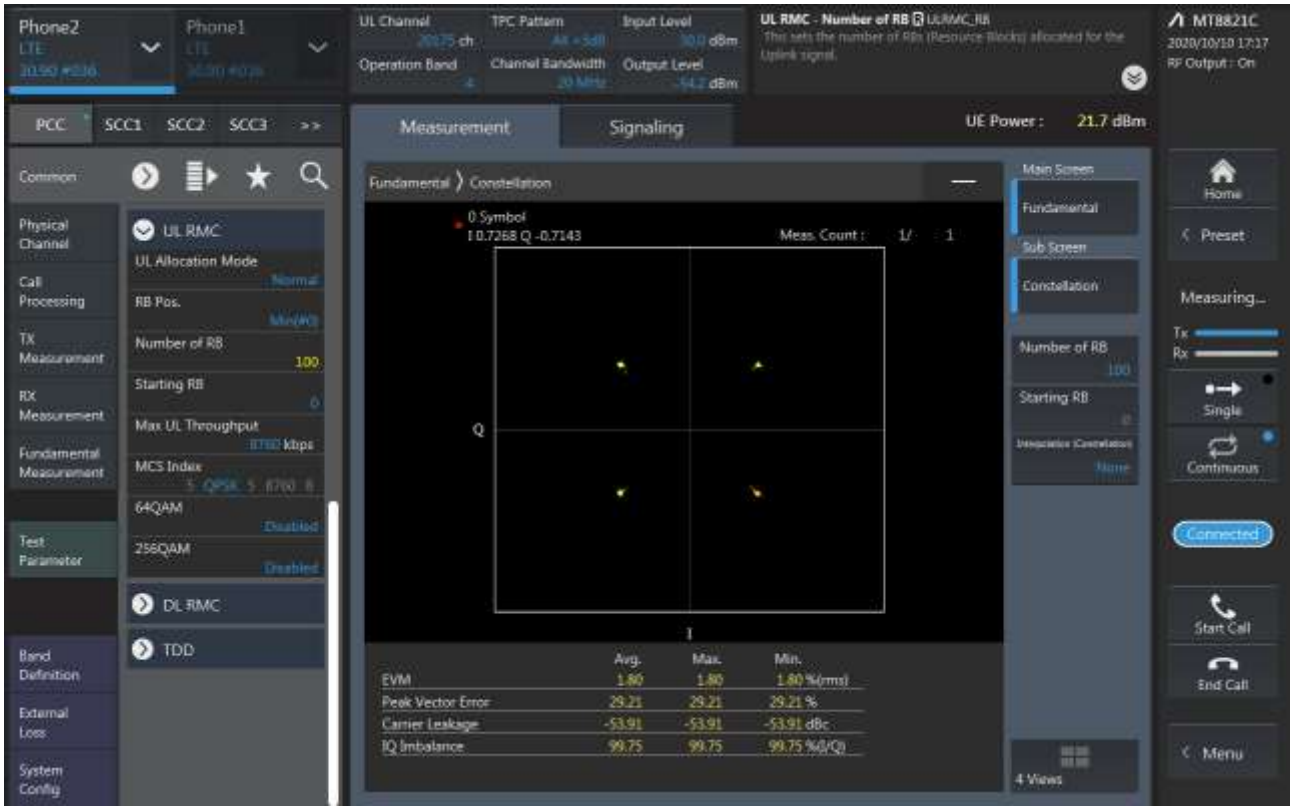
Date: 14.OCT.2020 10:56:09

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3 Modulation Characteristics

3.1 Test Mode = LTE /TM1 20MHz

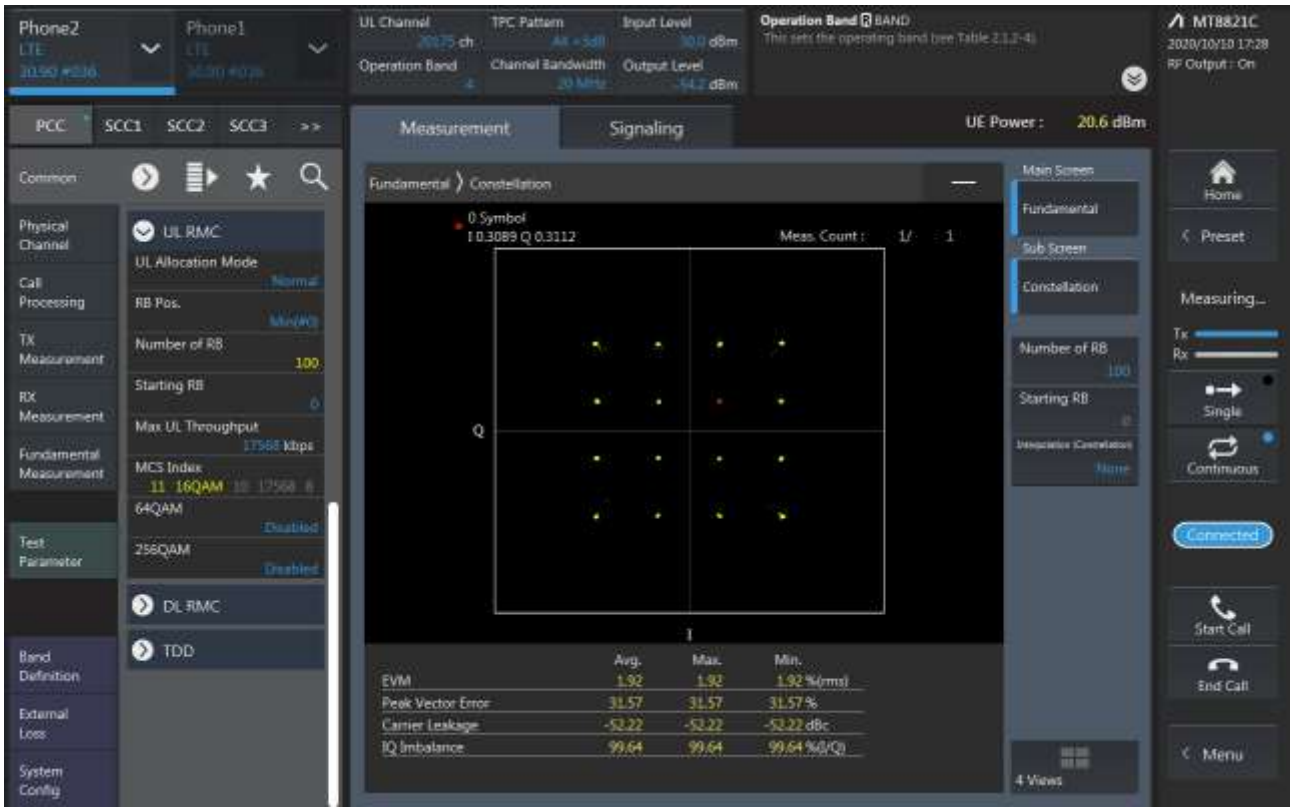
3.1.1 Test Channel = MCH



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3.2 Test Mode = LTE /TM2 20MHz

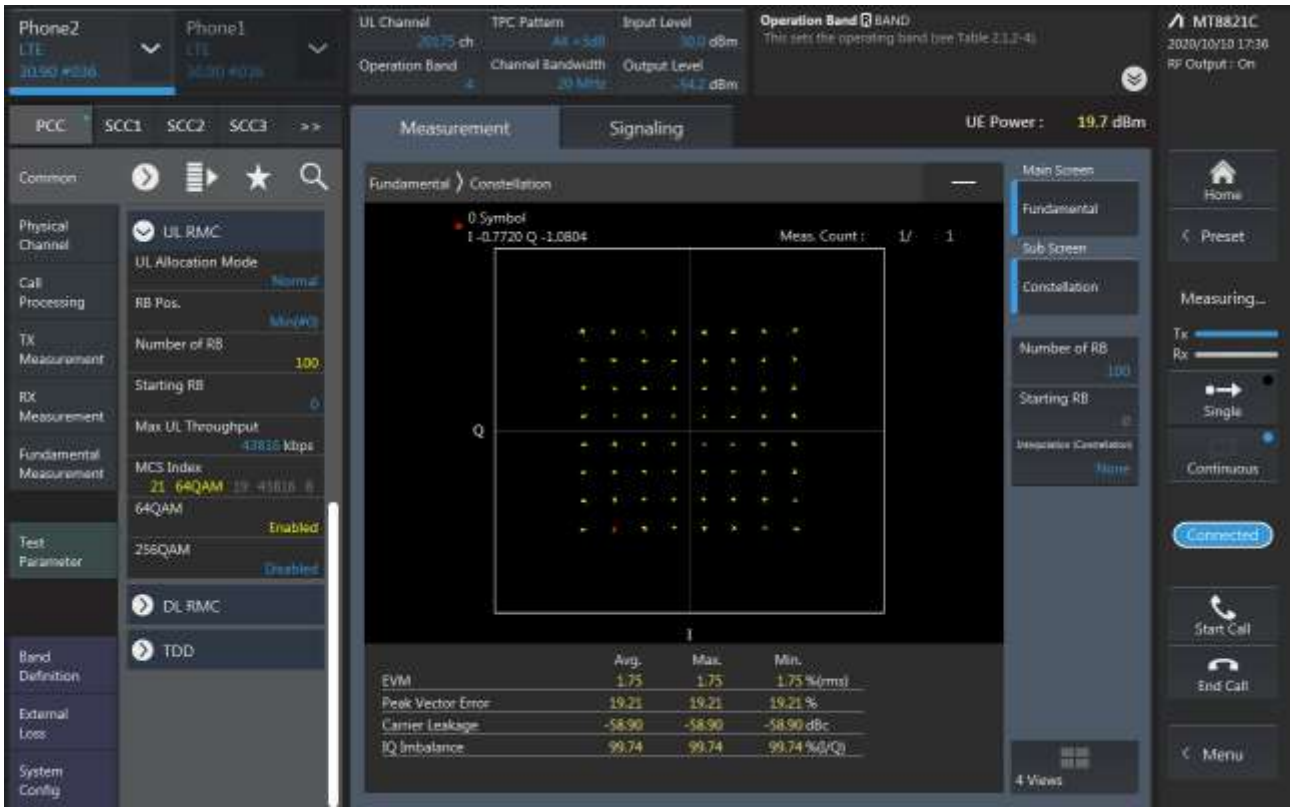
3.2.1 Test Channel = MCH



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3.3 Test Mode = LTE /TM3 20MHz

3.3.1 Test Channel = MCH



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

4 26dB Bandwidth and Occupied Bandwidth

4.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.293	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.091	1.275	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.091	1.296	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.091	1.287	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.094	1.278	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.290	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.1	1.299	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.097	1.311	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.094	1.296	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.691	2.994	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.691	2.994	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.691	2.994	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.685	2.976	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.691	2.976	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.970	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.476	4.930	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.486	4.950	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.486	4.940	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.476	4.940	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.476	4.920	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.476	4.930	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.476	4.920	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.911	9.680	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.931	9.720	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.911	9.740	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.911	9.720	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

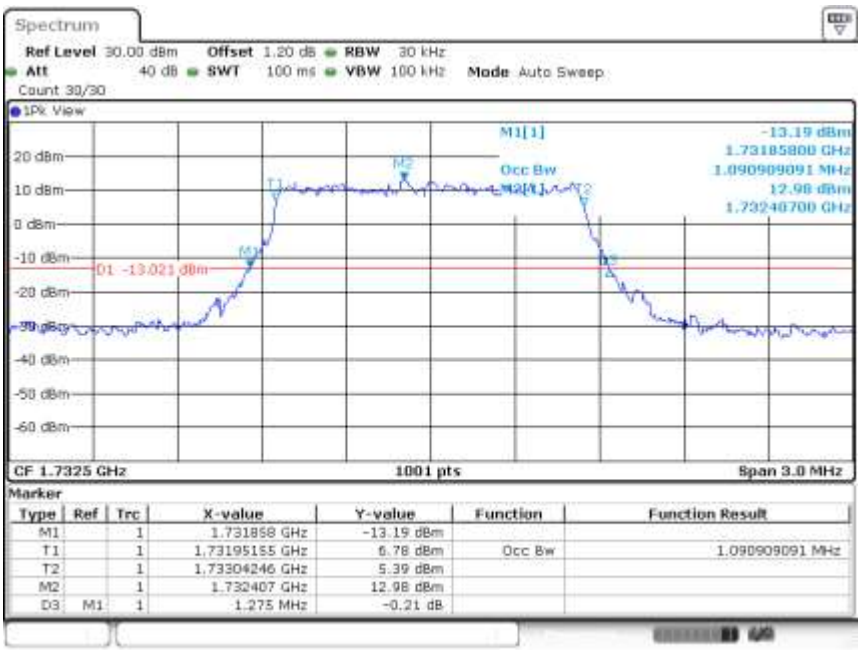
Band4	10MHz	16QAM	20175	50RB#0	8.911	9.700	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.931	9.720	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.911	9.660	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.931	9.700	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.931	9.660	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.487	14.670	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.427	14.670	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.457	14.730	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.427	14.550	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.457	14.760	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.457	14.820	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.910	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.427	14.760	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.862	19.440	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.862	19.440	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.902	19.480	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.902	19.480	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.862	19.360	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.862	19.360	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.862	19.400	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

4.2 Test Plots

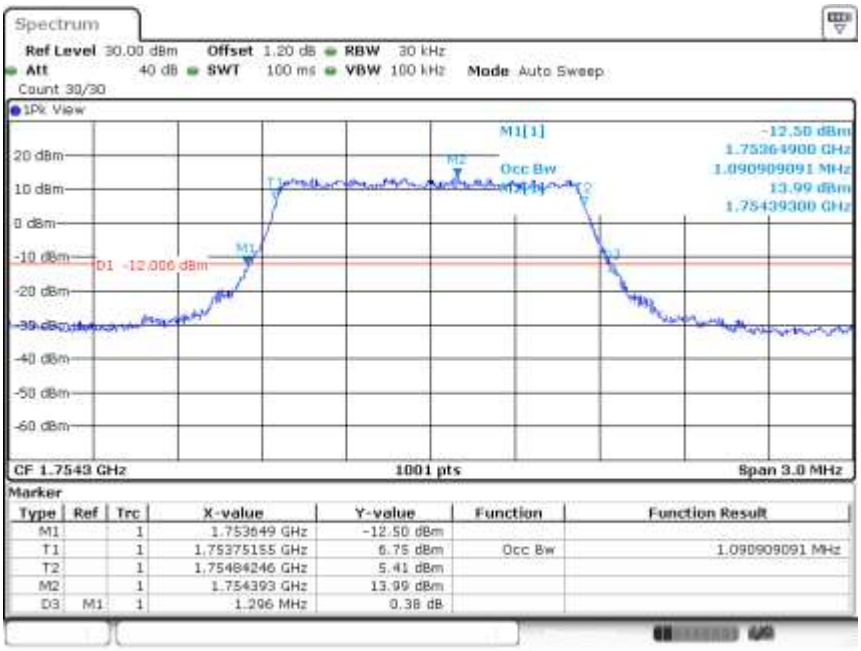
Band4-1.4MHz-QPSK-19957-6RB#0-1.091

Band4-1.4MHz-QPSK-20175-6RB#0-1.091



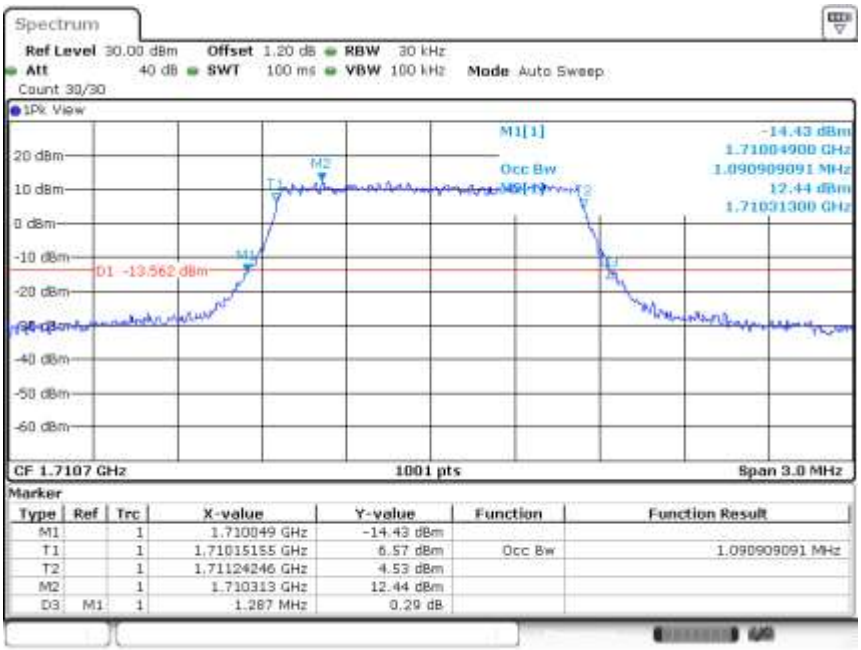
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-1.4MHz-QPSK-20393-6RB#0-1.091



Date: 15.OCT.2020 11:40:10

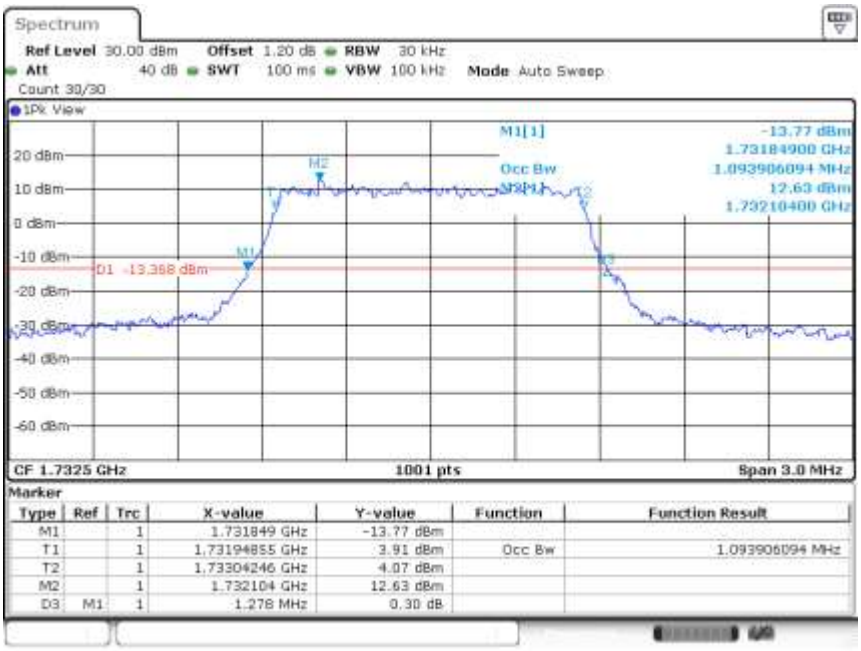
Band4-1.4MHz-16QAM-19957-6RB#0-1.091



Date: 15.OCT.2020 11:39:22

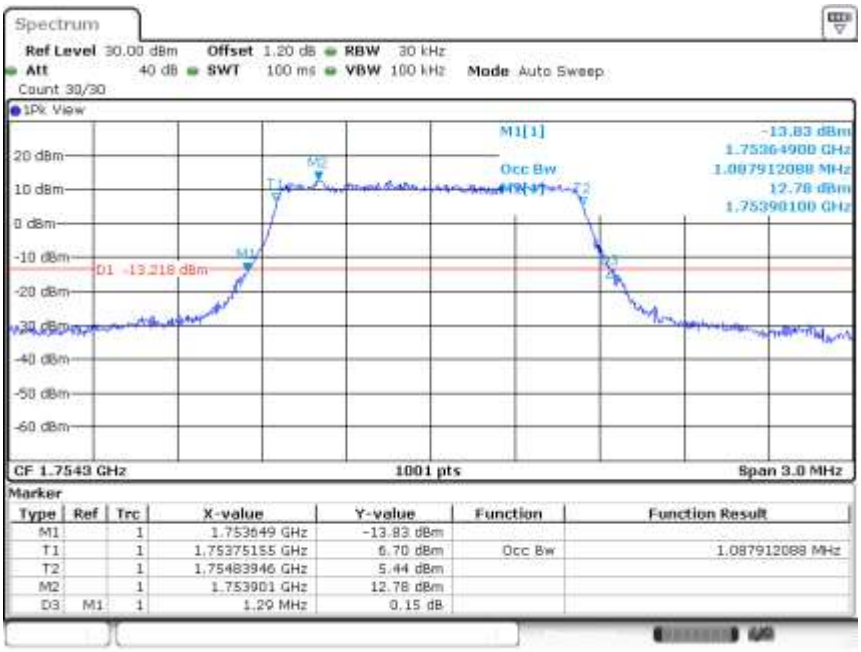
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-1.4MHz-16QAM-20175-6RB#0-1.094



Date: 15.OCT.2020 11:39:54

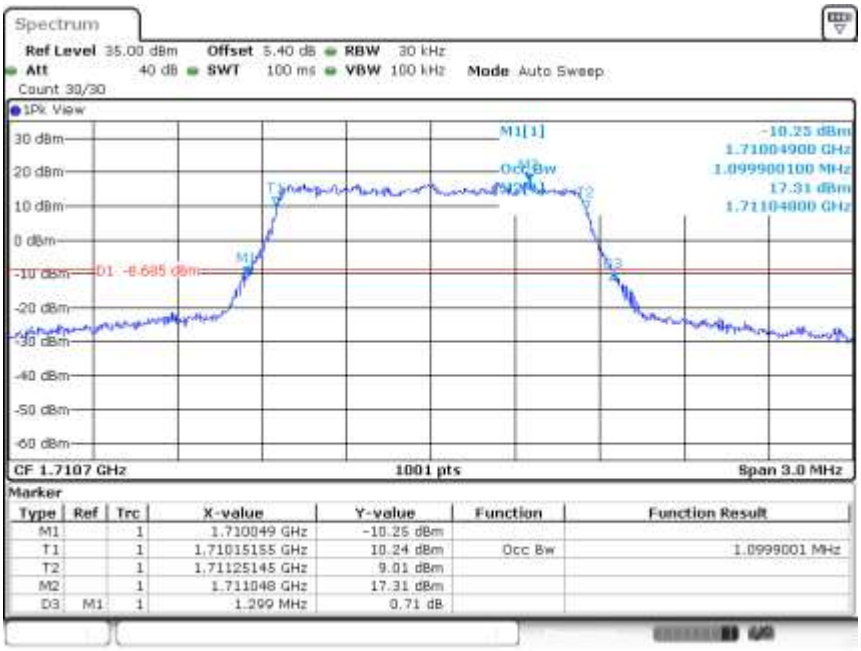
Band4-1.4MHz-16QAM-20393-6RB#0-1.088



Date: 15.OCT.2020 11:40:26

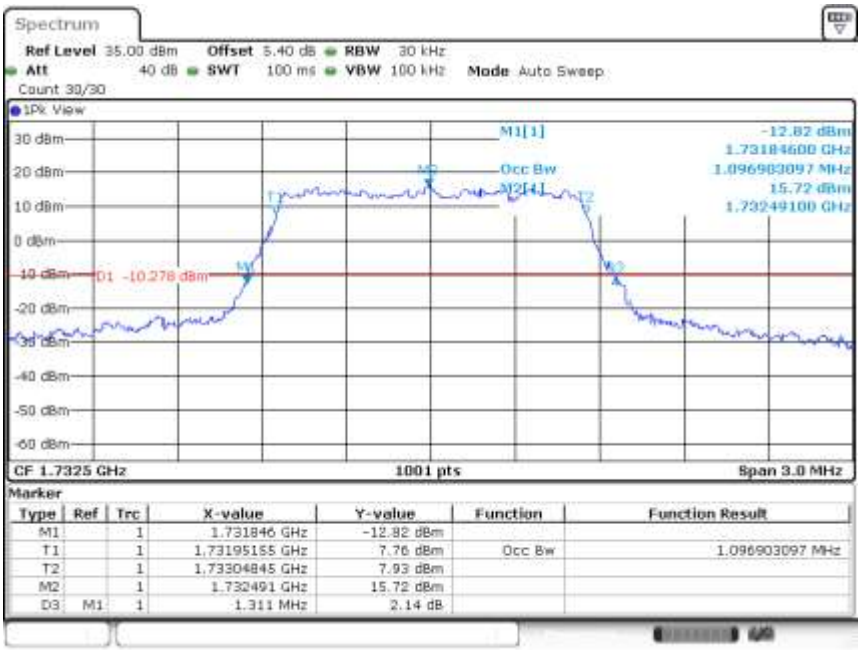
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-1.4MHz-64QAM-19957-6RB#0-1.1



Date: 14.OCT.2020 10:36:09

Band4-1.4MHz-64QAM-20175-6RB#0-1.097

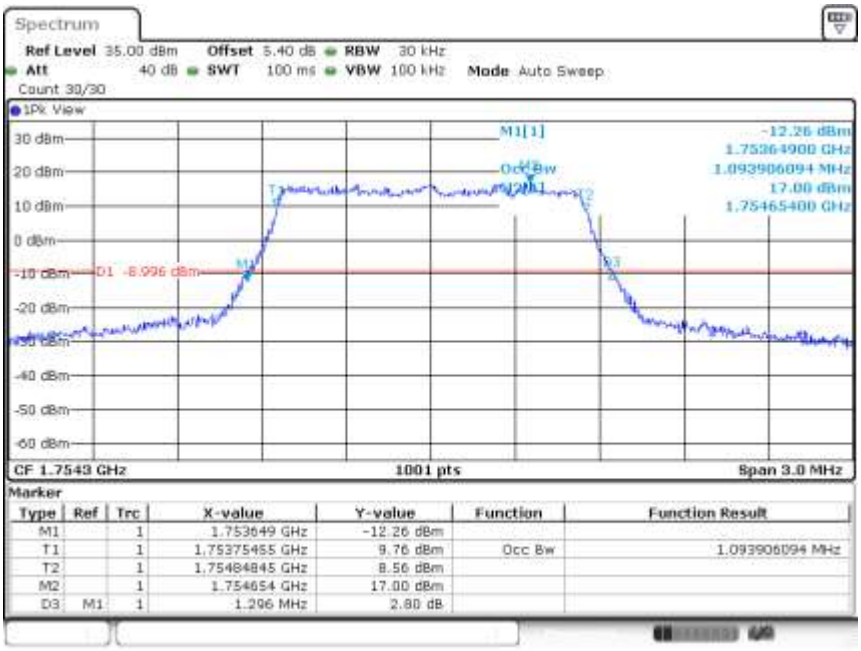


Date: 14.OCT.2020 10:36:25

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

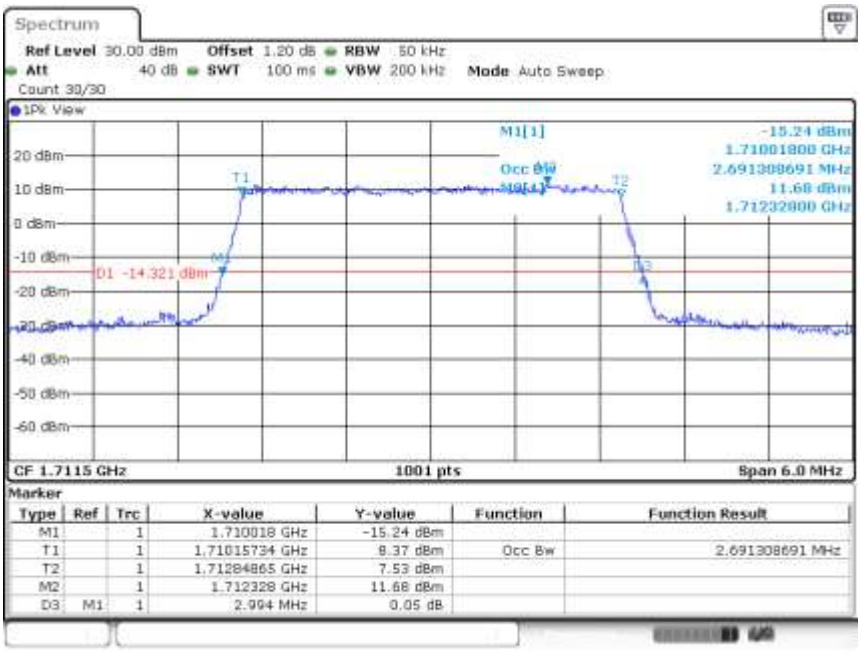
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-1.4MHz-64QAM-20393-6RB#0-1.094



Date: 14.OCT.2020 10:36:41

Band4-3MHz-QPSK-19965-15RB#0-2.691

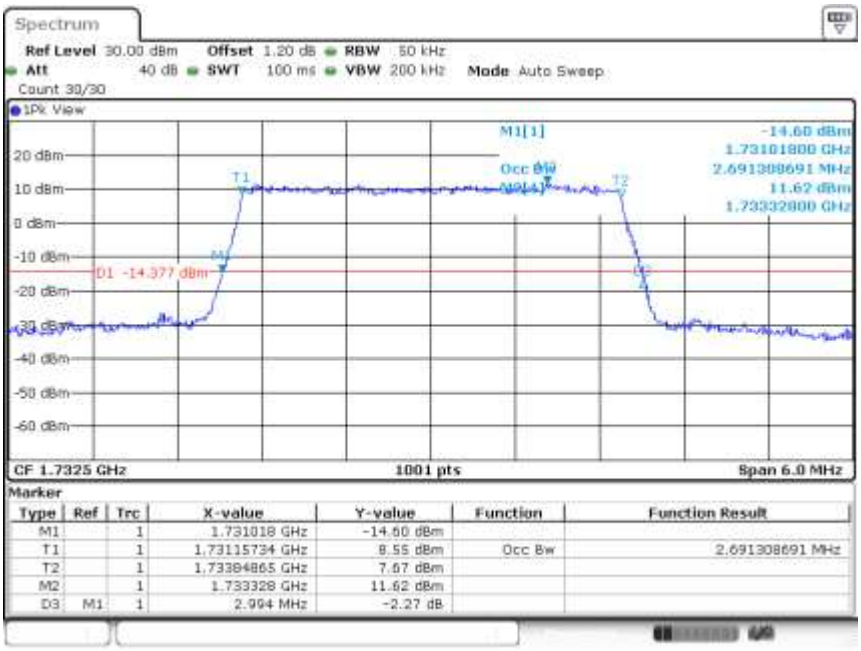


Date: 15.OCT.2020 11:40:48

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

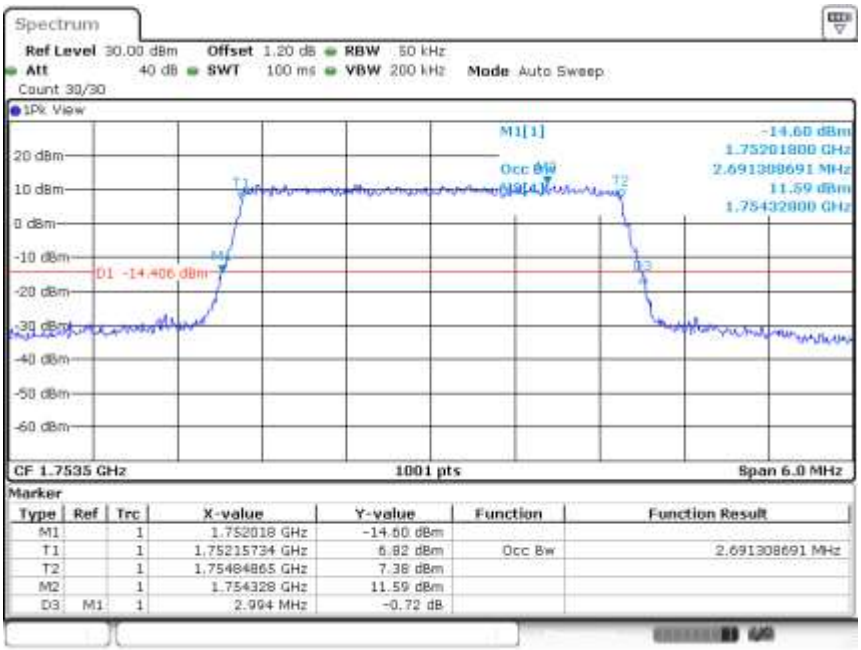
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-3MHz-QPSK-20175-15RB#0-2.691



Date: 15.OCT.2020 11:41:20

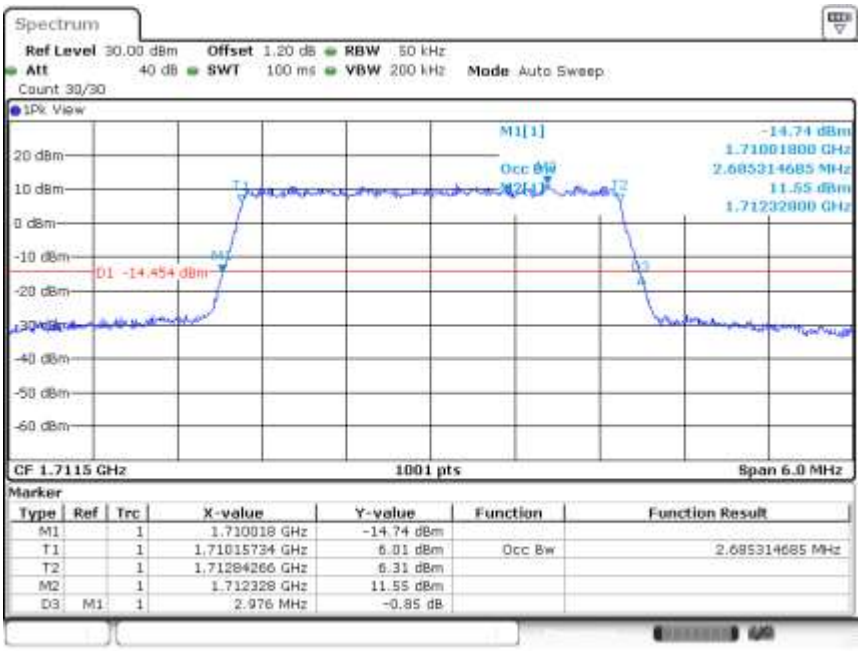
Band4-3MHz-QPSK-20385-15RB#0-2.691



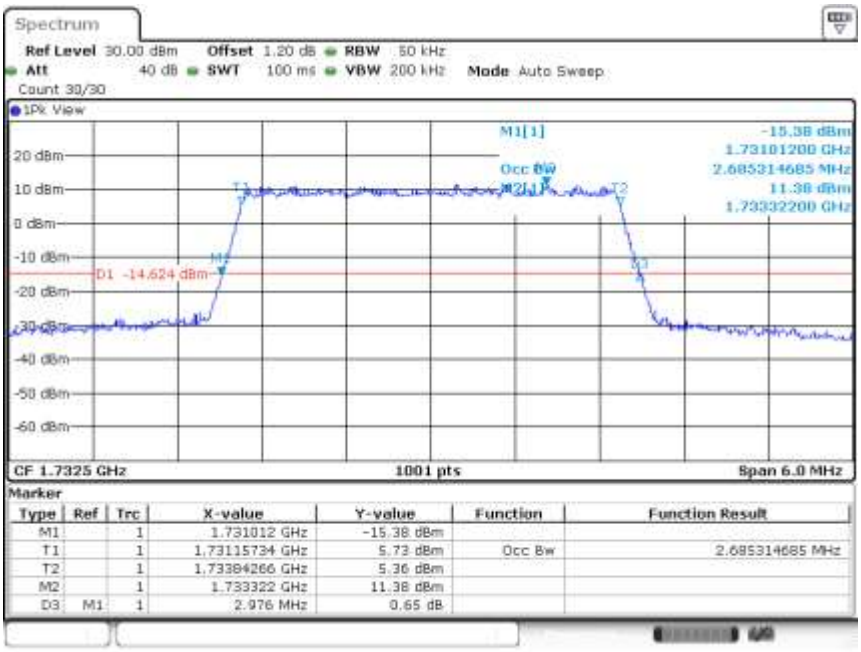
Date: 15.OCT.2020 11:41:52

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-3MHz-16QAM-19965-15RB#0-2.685



Band4-3MHz-16QAM-20175-15RB#0-2.685

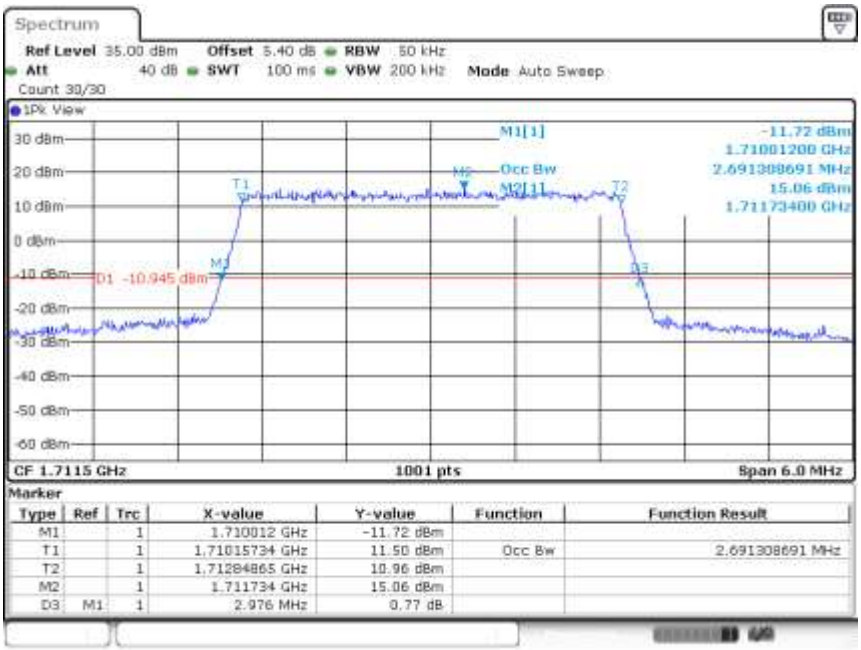


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-3MHz-16QAM-20385-15RB#0-2.691

Date: 15.OCT.2020 11:42:07

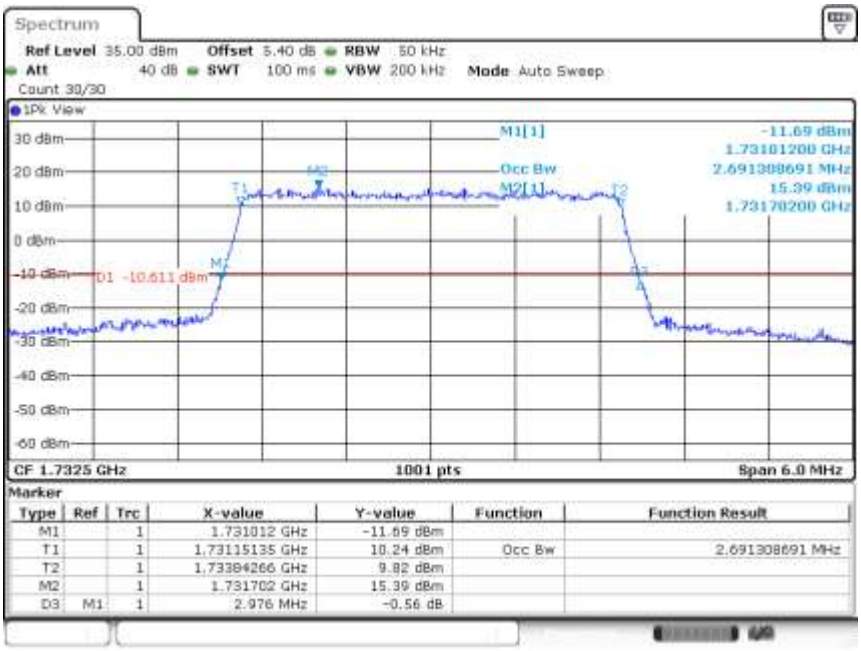
Band4-3MHz-64QAM-19965-15RB#0-2.691



Date: 14.OCT.2020 10:37:04

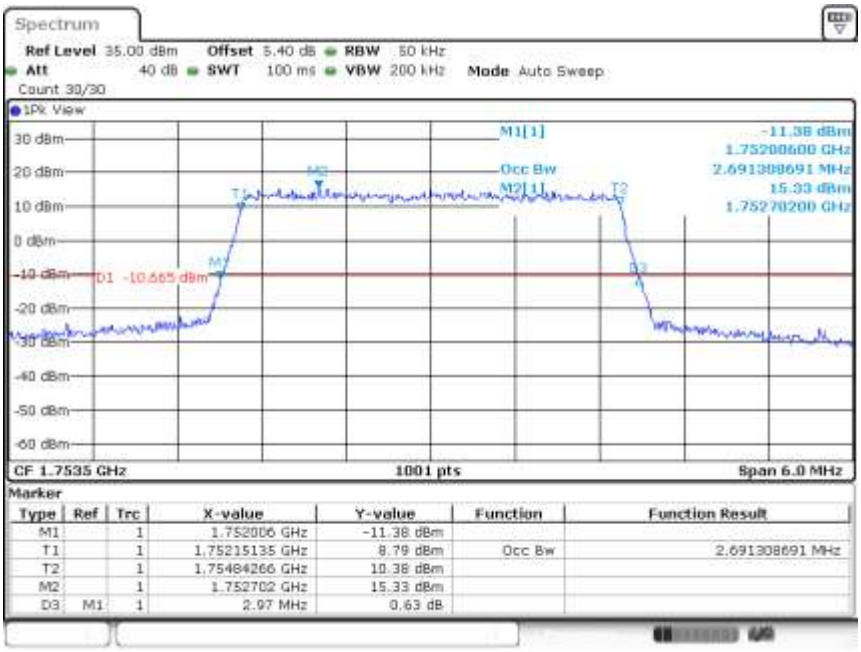
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-3MHz-64QAM-20175-15RB#0-2.691



Date: 14.OCT.2020 10:37:20

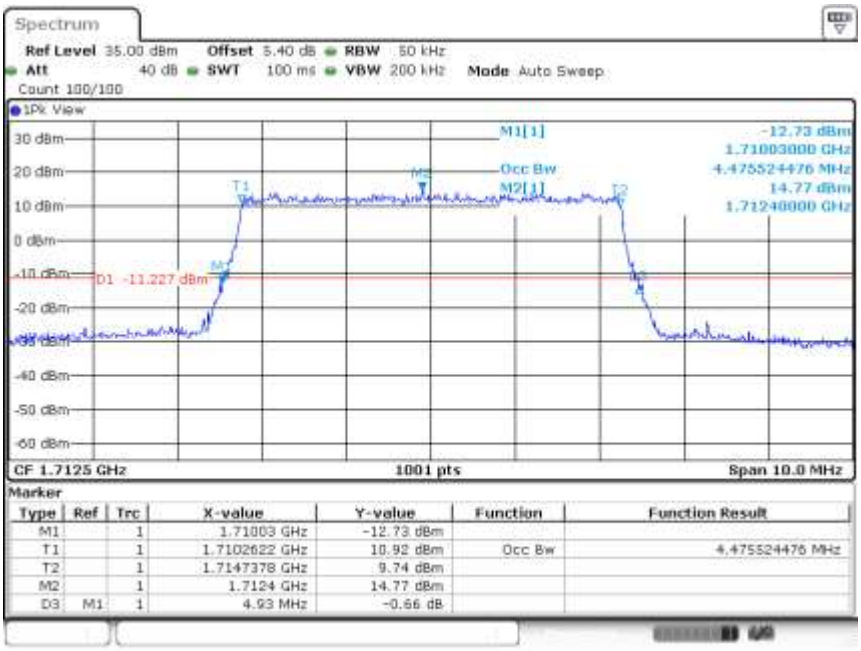
Band4-3MHz-64QAM-20385-15RB#0-2.691



Date: 14.OCT.2020 10:37:37

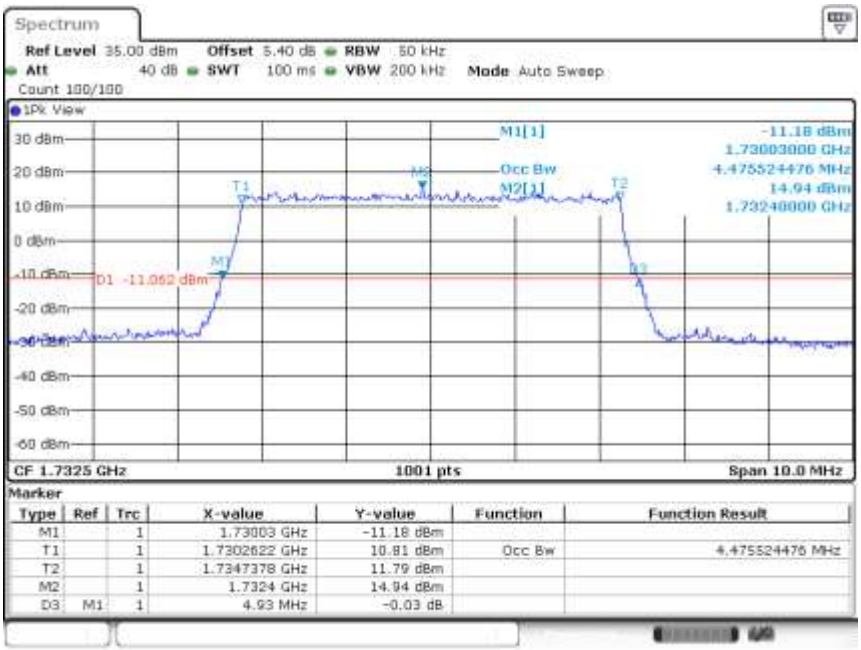
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-5MHz-QPSK-19975-25RB#0-4.476



Date: 11.OCT.2020 18:58:35

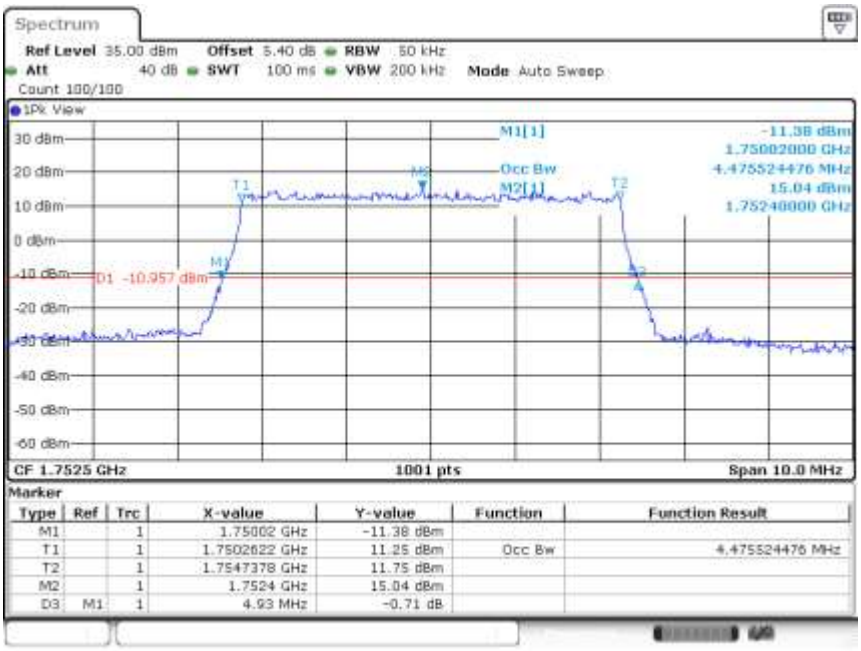
Band4-5MHz-QPSK-20175-25RB#0-4.476



Date: 11.OCT.2020 19:00:23

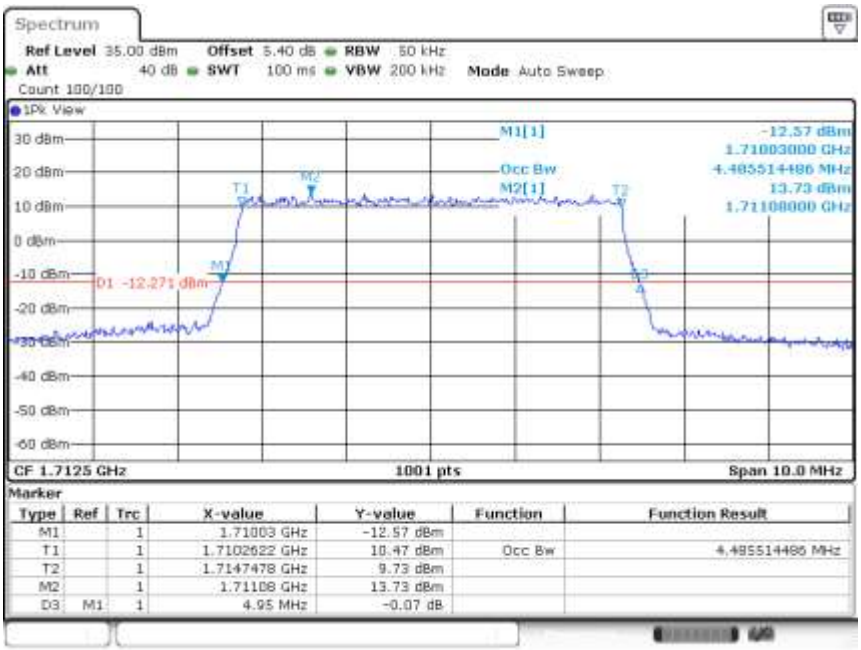
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-5MHz-QPSK-20375-25RB#0-4.476



Date: 11.OCT.2020 19:01:09

Band4-5MHz-16QAM-19975-25RB#0-4.486

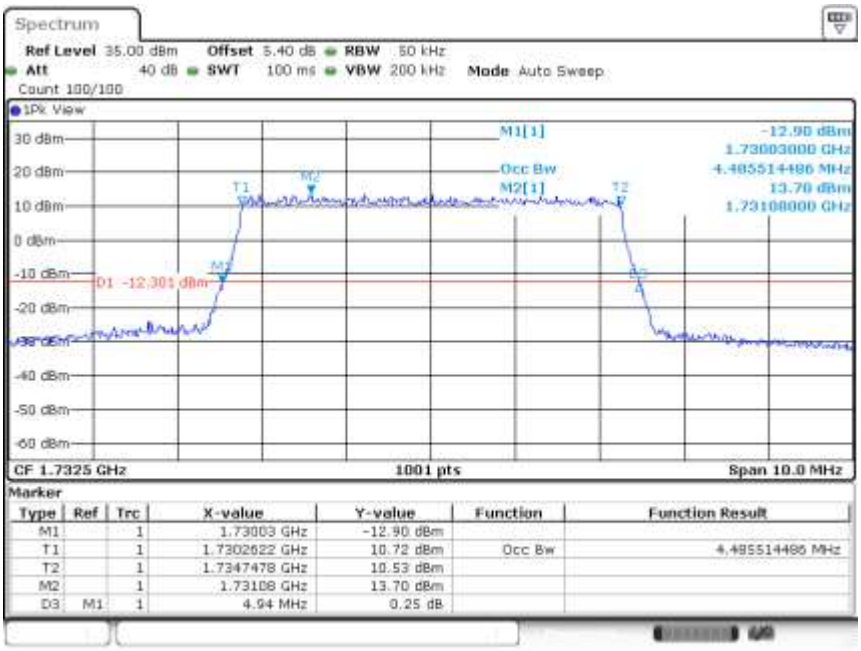


Date: 11.OCT.2020 19:00:00

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

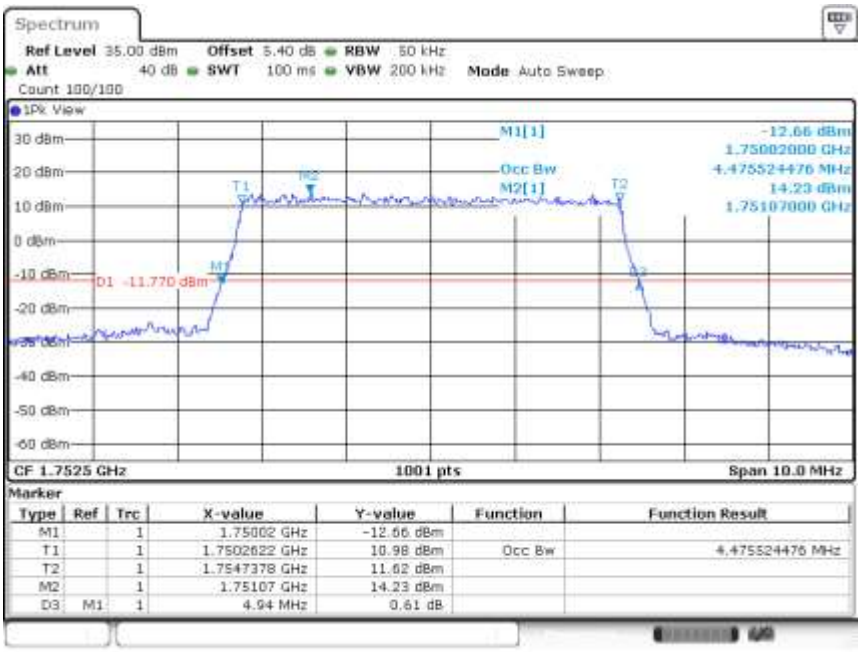
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-5MHz-16QAM-20175-25RB#0-4.486



Date: 11.OCT.2020 19:00:46

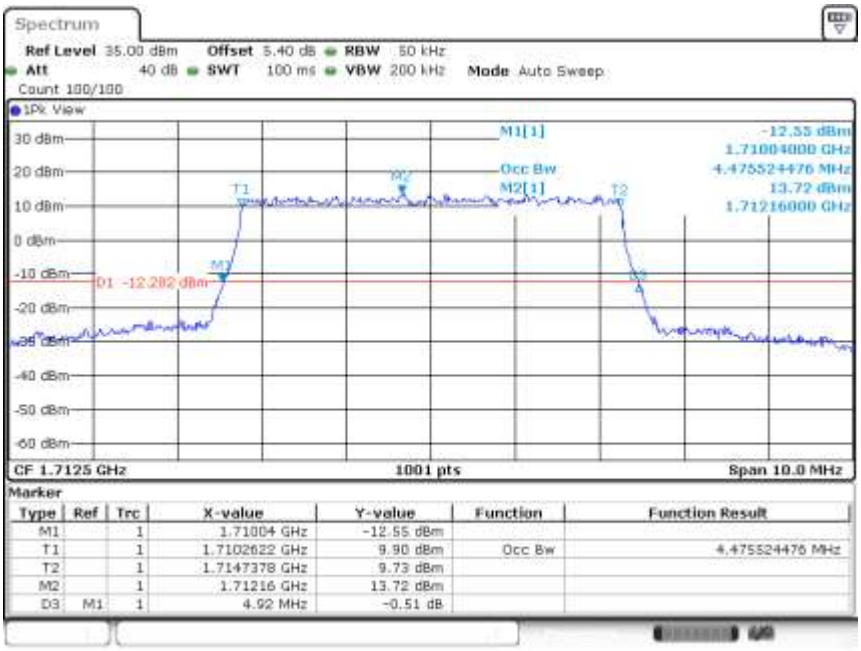
Band4-5MHz-16QAM-20375-25RB#0-4.476



Date: 11.OCT.2020 19:01:32

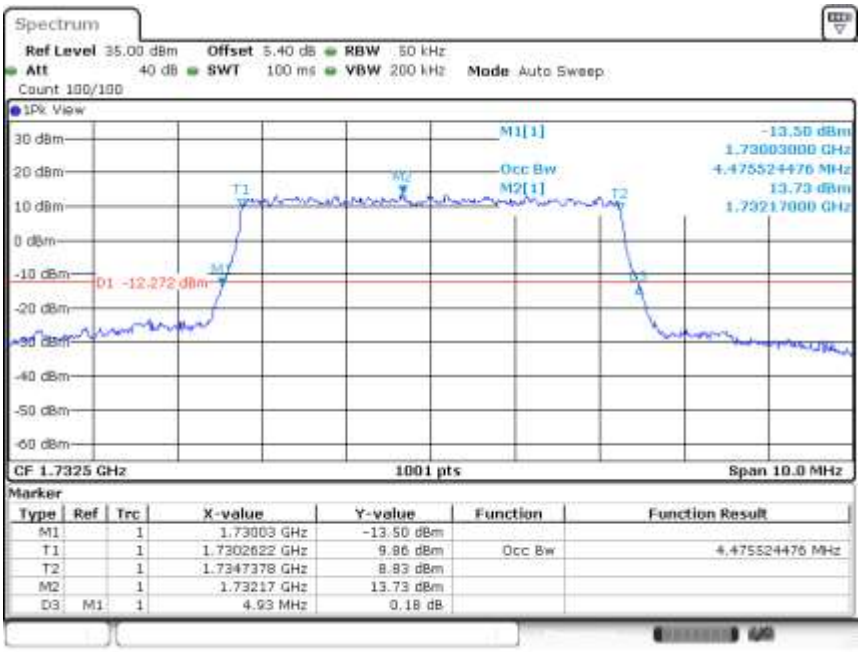
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-5MHz-64QAM-19975-25RB#0-4.476



Date: 14.OCT.2020 10:38:07

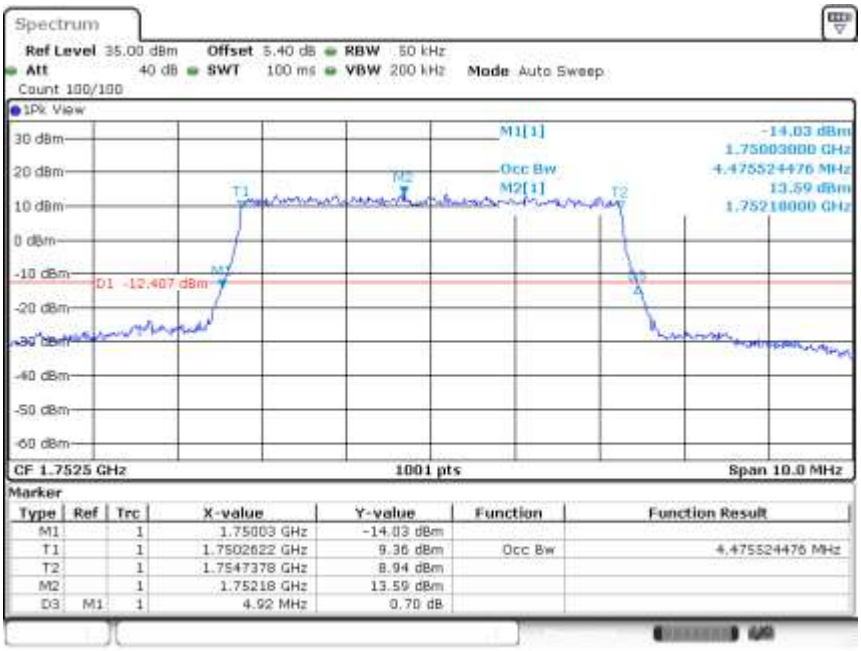
Band4-5MHz-64QAM-20175-25RB#0-4.476



Date: 14.OCT.2020 10:38:30

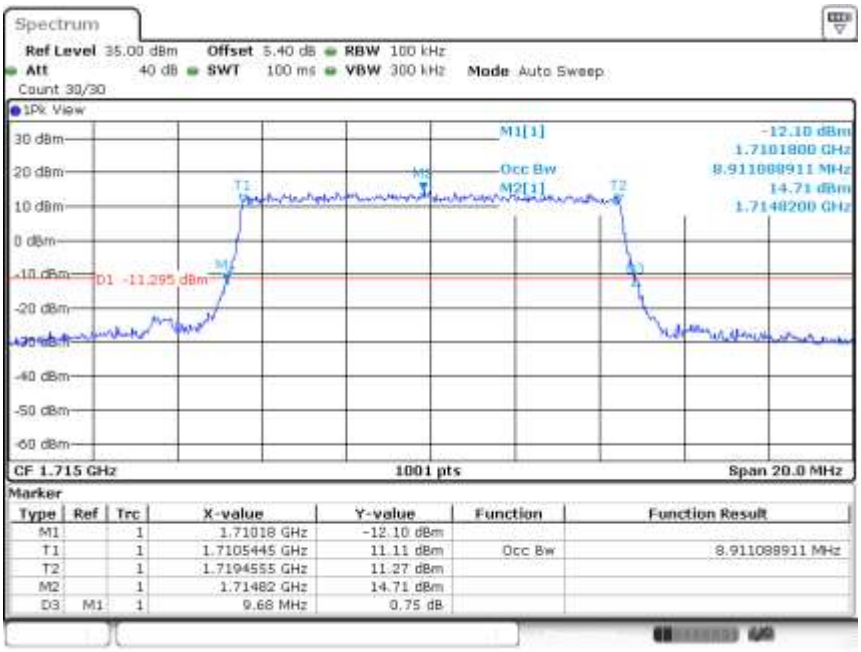
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-5MHz-64QAM-20375-25RB#0-4.476



Date: 14.OCT.2020 10:38:52

Band4-10MHz-QPSK-20000-50RB#0-8.911

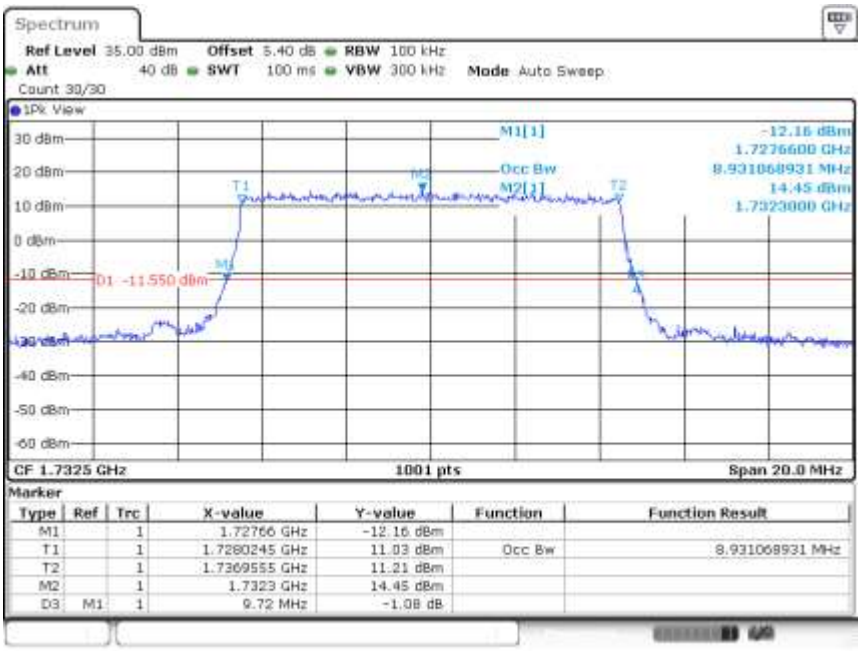


Date: 11.OCT.2020 19:01:53

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

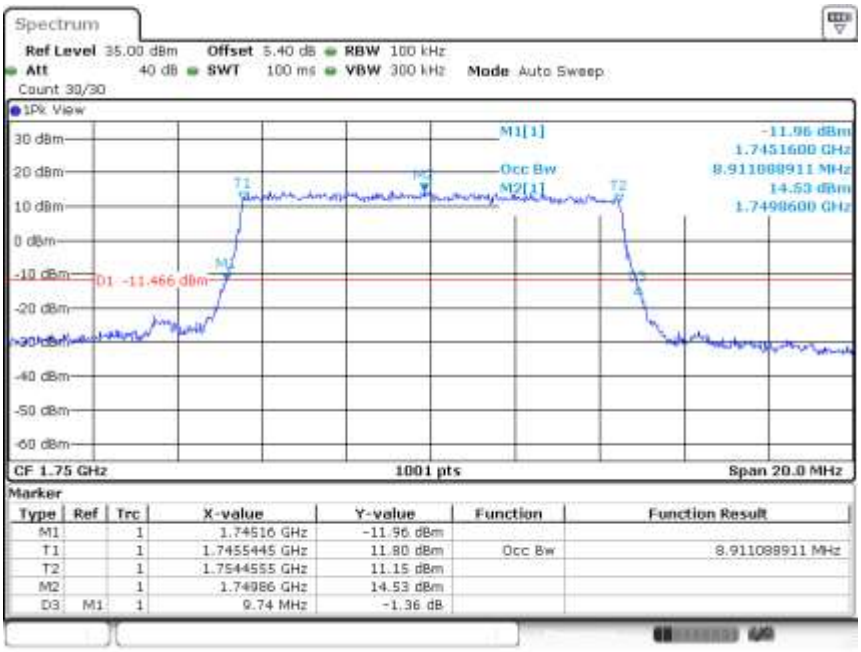
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-10MHz-QPSK-20175-50RB#0-8.931



Date: 11.OCT.2020 19:02:25

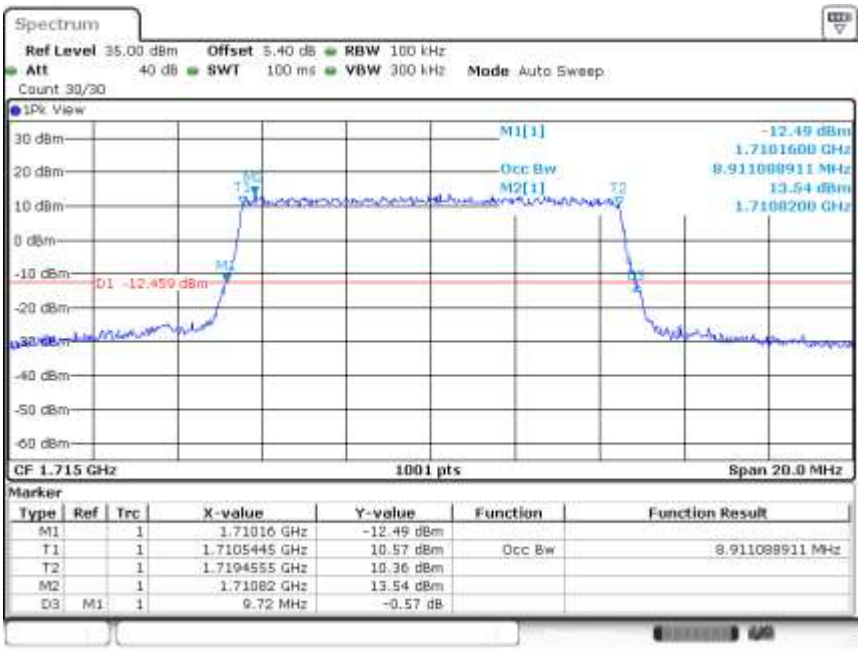
Band4-10MHz-QPSK-20350-50RB#0-8.911



Date: 11.OCT.2020 19:02:57

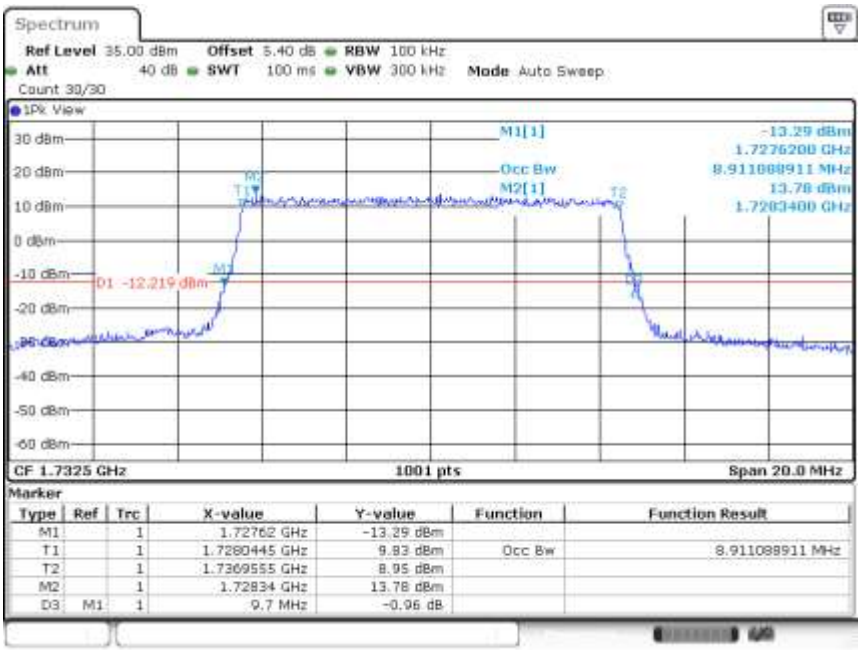
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-10MHz-16QAM-20000-50RB#0-8.911



Date: 11.OCT.2020 19:02:09

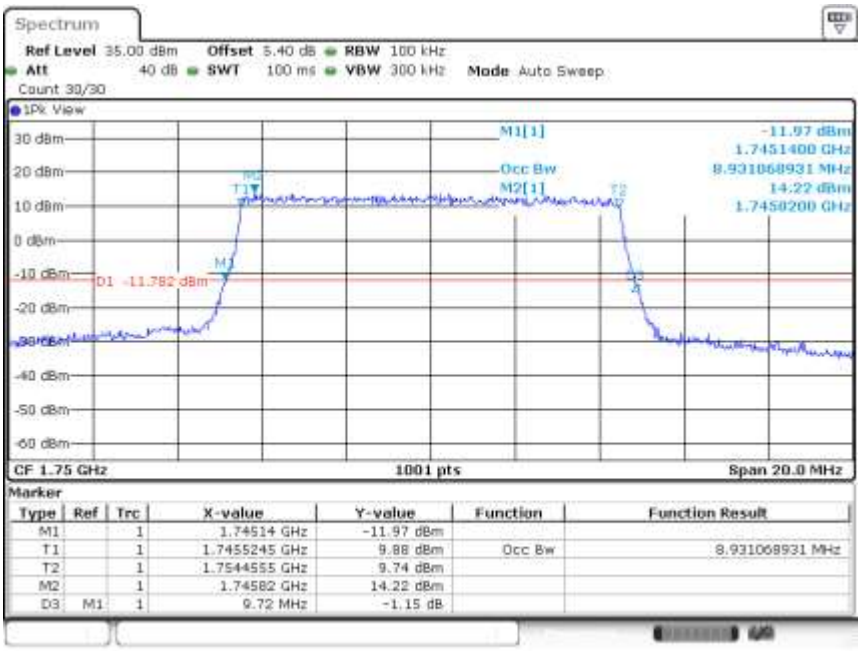
Band4-10MHz-16QAM-20175-50RB#0-8.911



Date: 11.OCT.2020 19:02:41

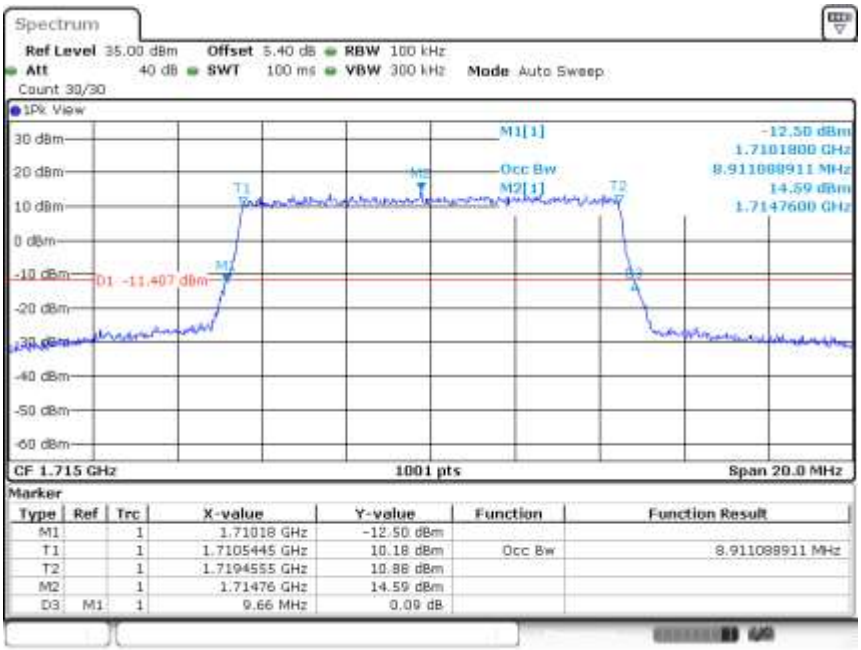
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-10MHz-16QAM-20350-50RB#0-8.931



Date: 11.OCT.2020 19:03:12

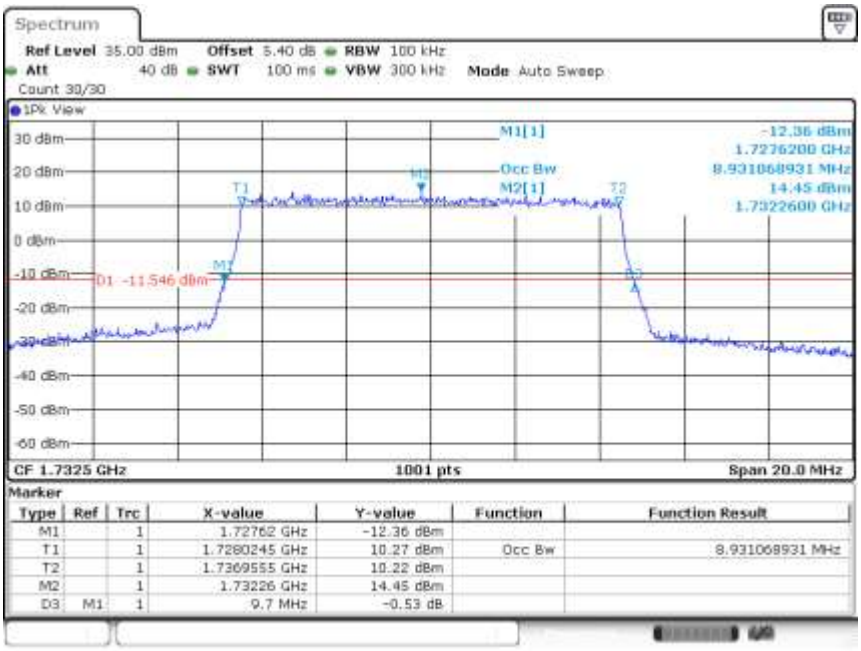
Band4-10MHz-64QAM-20000-50RB#0-8.911



Date: 14.OCT.2020 10:39:15

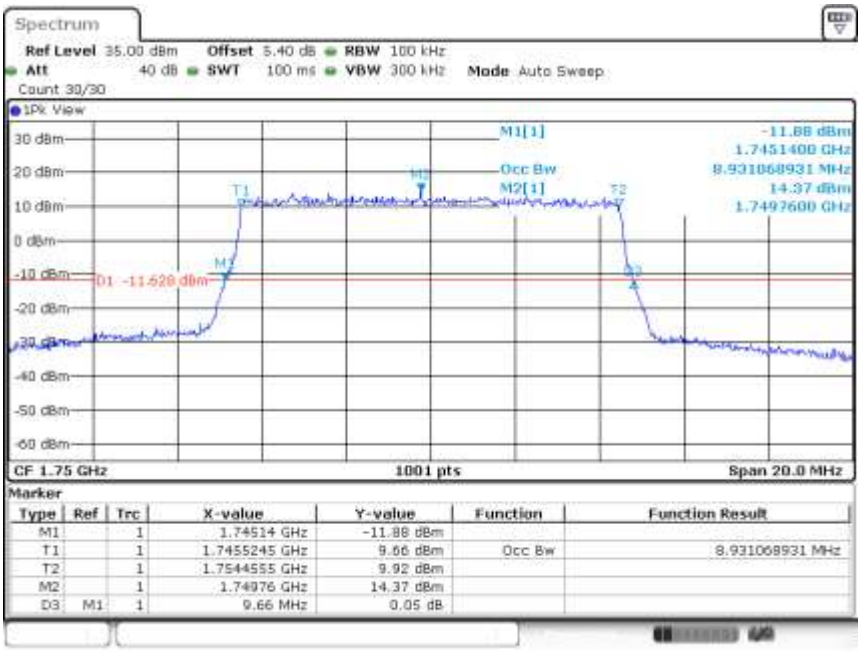
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-10MHz-64QAM-20175-50RB#0-8.931



Date: 14.OCT.2020 10:39:31

Band4-10MHz-64QAM-20350-50RB#0-8.931



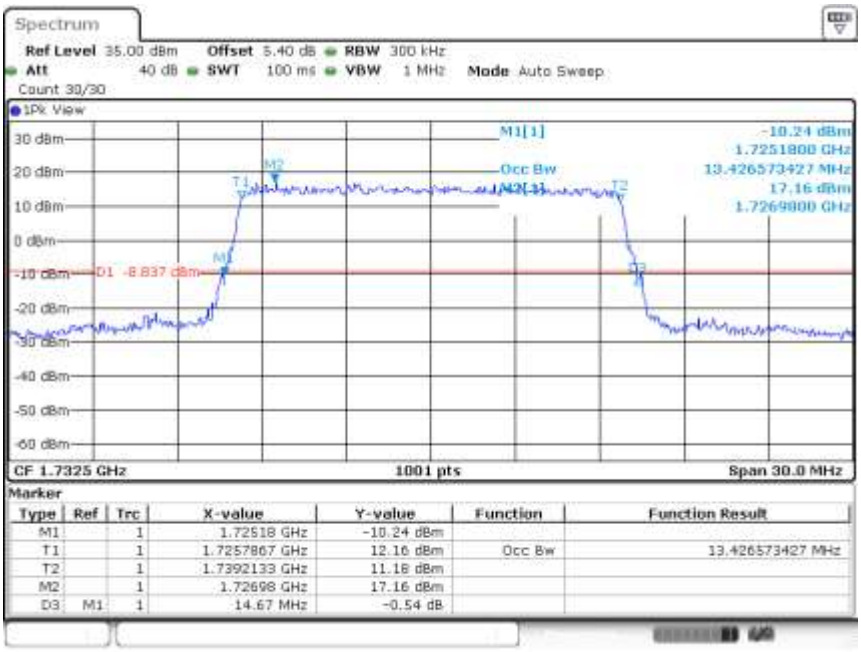
Date: 14.OCT.2020 10:39:47

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-15MHz-QPSK-20025-75RB#0-13.487

Date: 11.OCT.2020 19:03:33

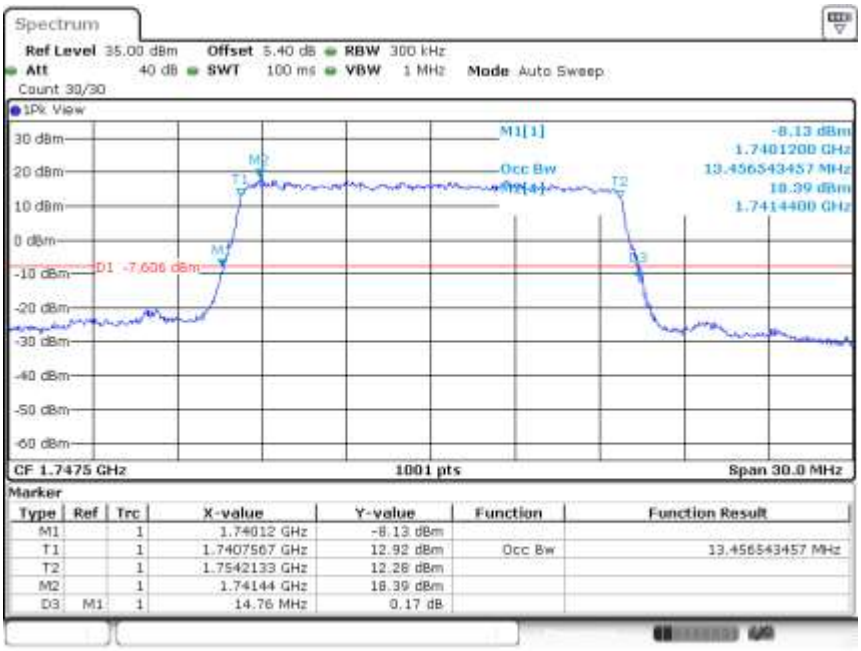
Band4-15MHz-QPSK-20175-75RB#0-13.427



Date: 11.OCT.2020 19:04:05

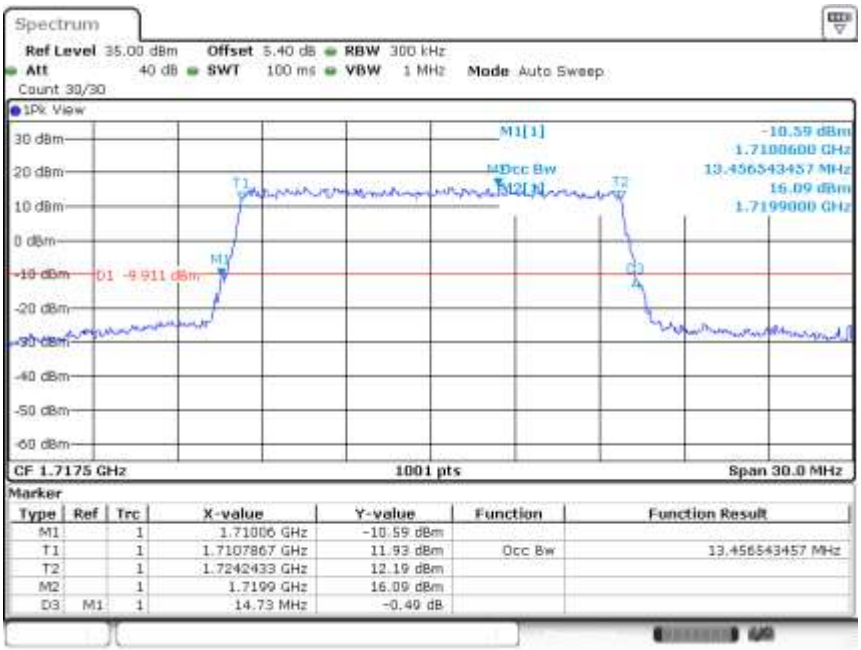
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-15MHz-QPSK-20325-75RB#0-13.457



Date: 11.OCT.2020 19:04:37

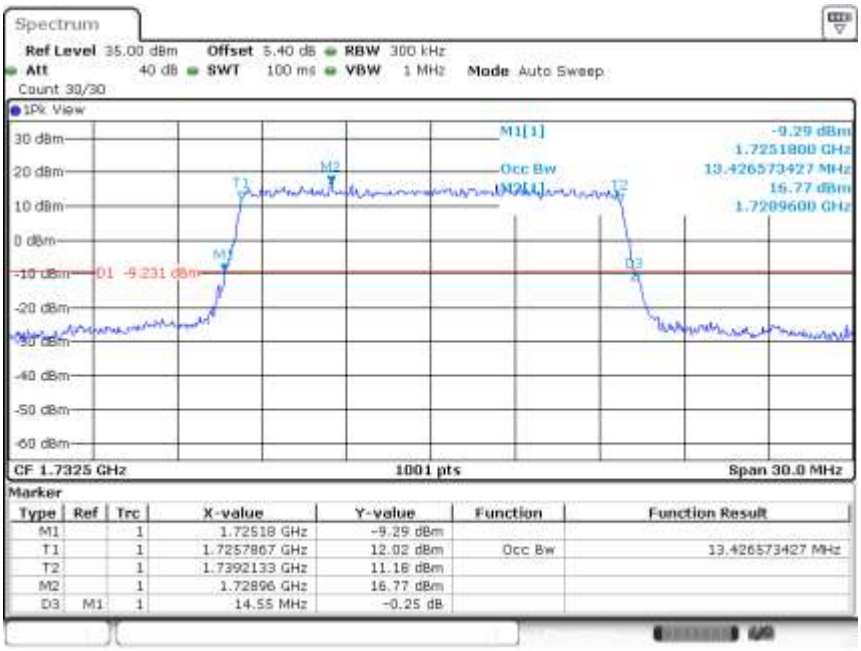
Band4-15MHz-16QAM-20025-75RB#0-13.457



Date: 11.OCT.2020 19:03:49

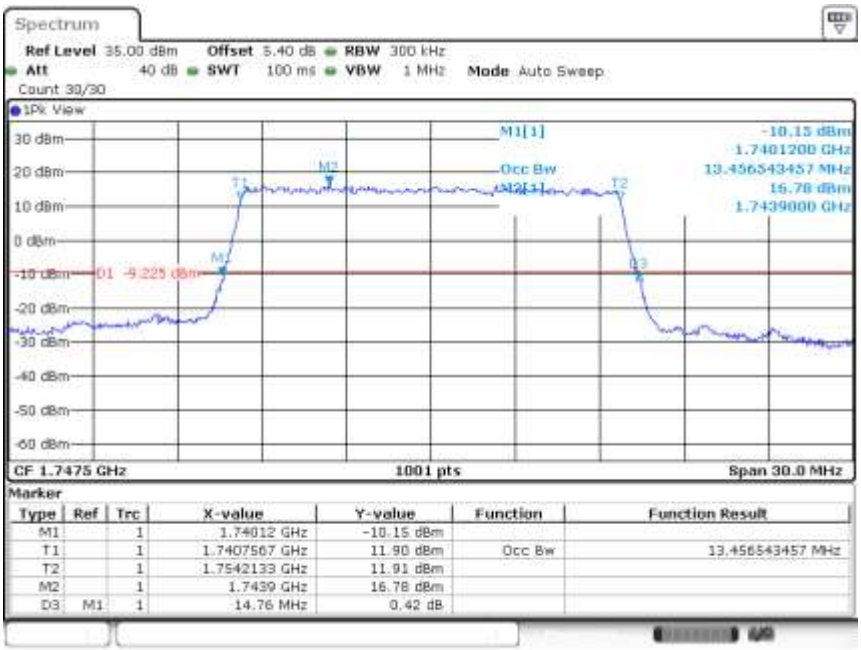
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-15MHz-16QAM-20175-75RB#0-13.427



Date: 11.OCT.2020 19:04:21

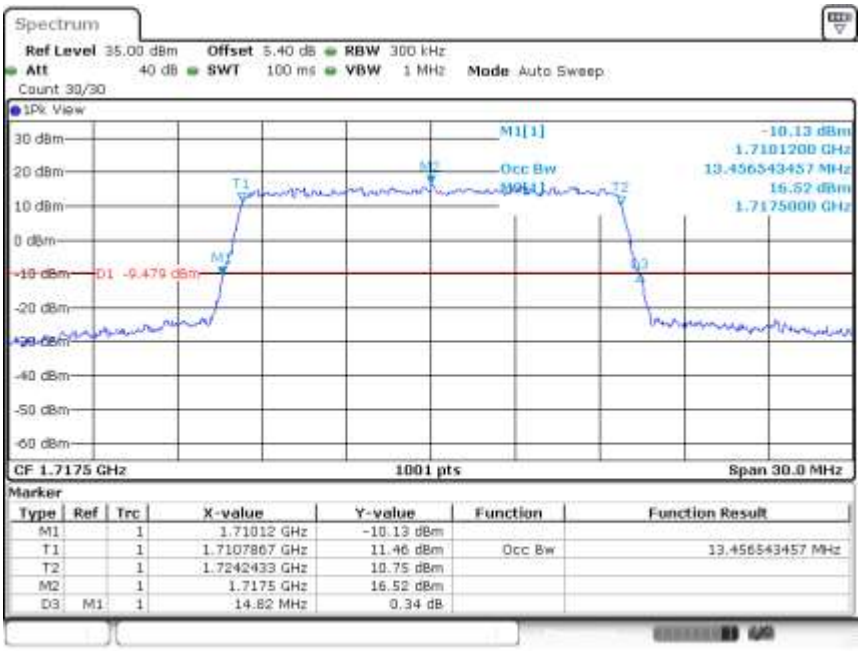
Band4-15MHz-16QAM-20325-75RB#0-13.457



Date: 11.OCT.2020 19:04:53

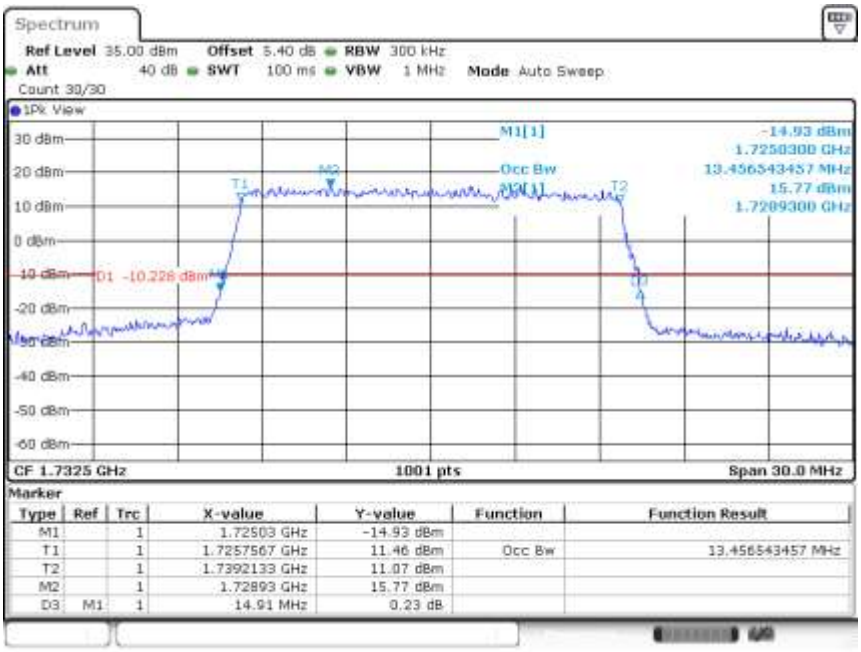
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-15MHz-64QAM-20025-75RB#0-13.457



Date: 14.OCT.2020 10:40:10

Band4-15MHz-64QAM-20175-75RB#0-13.457

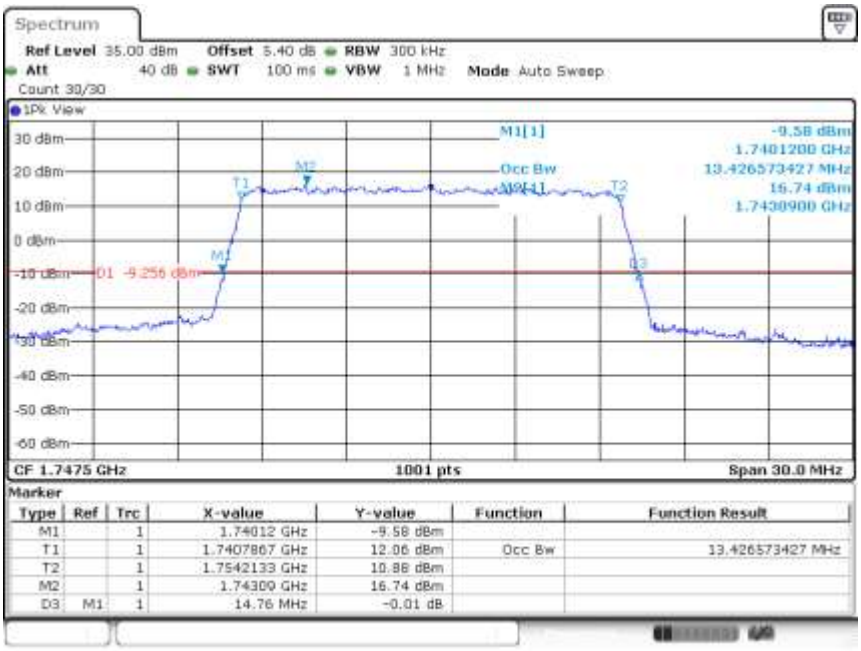


Date: 14.OCT.2020 10:40:26

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

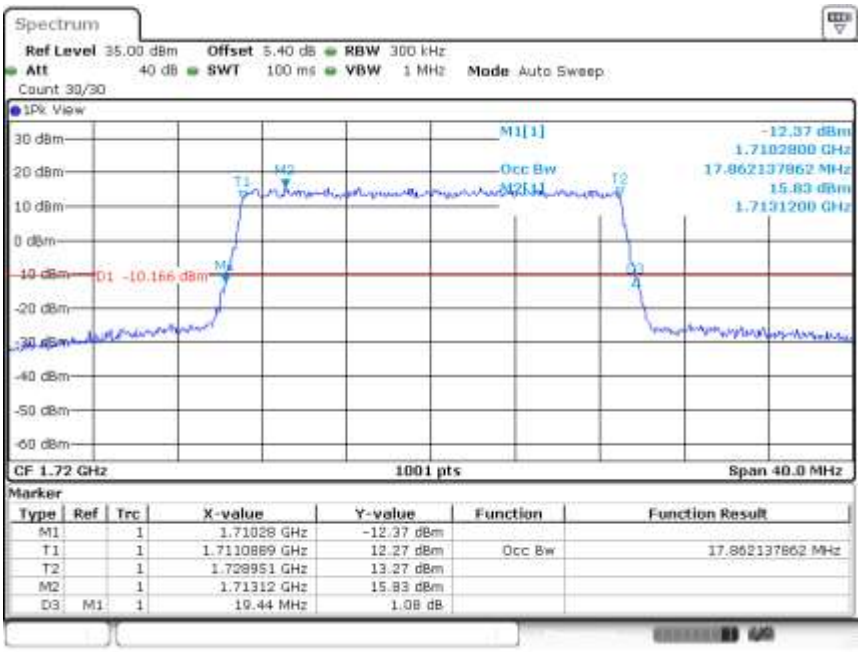
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-15MHz-64QAM-20325-75RB#0-13.427



Date: 14.OCT.2020 10:40:42

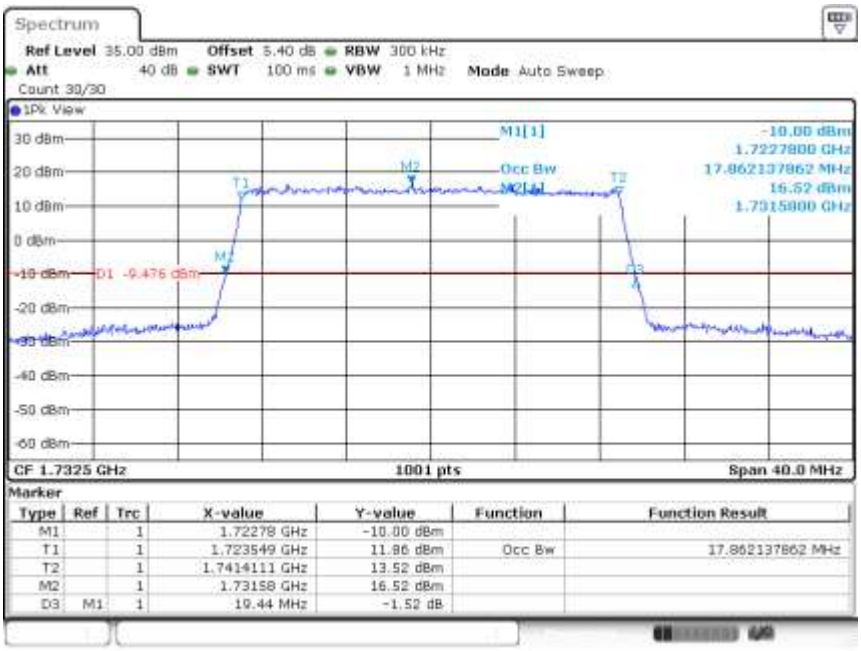
Band4-20MHz-QPSK-20050-100RB#0-17.862



Date: 11.OCT.2020 19:05:15

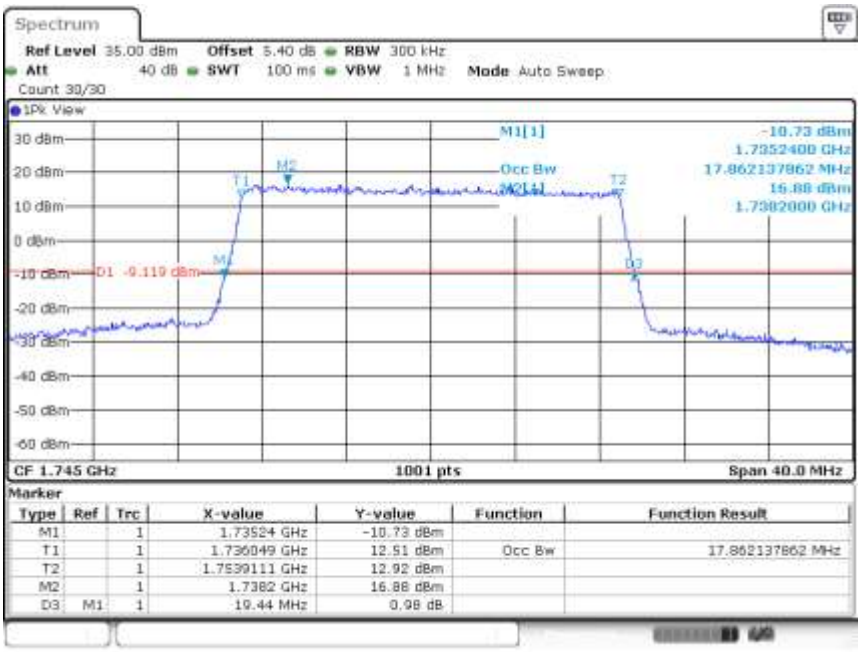
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-QPSK-20175-100RB#0-17.862



Date: 11.OCT.2020 19:05:47

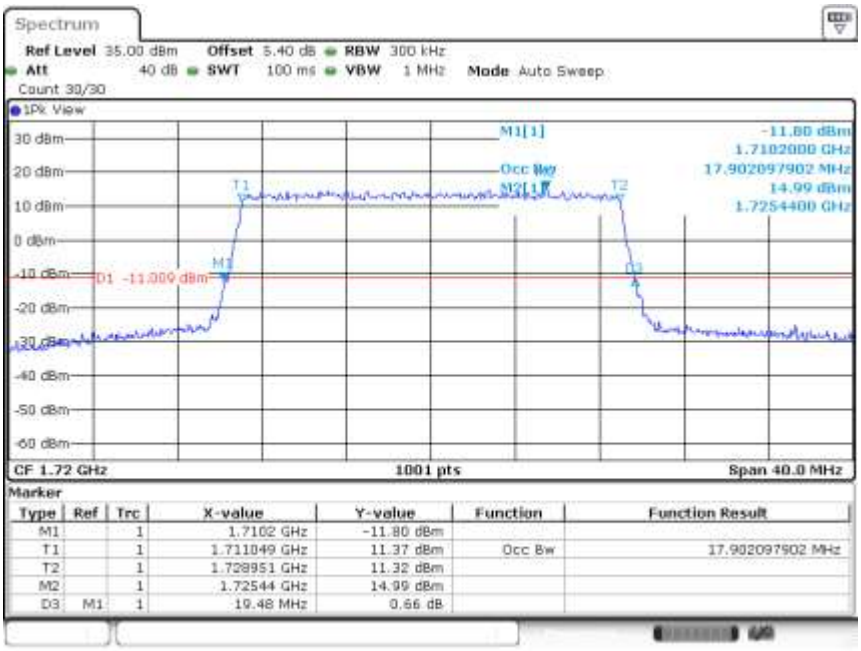
Band4-20MHz-QPSK-20300-100RB#0-17.862



Date: 11.OCT.2020 19:06:19

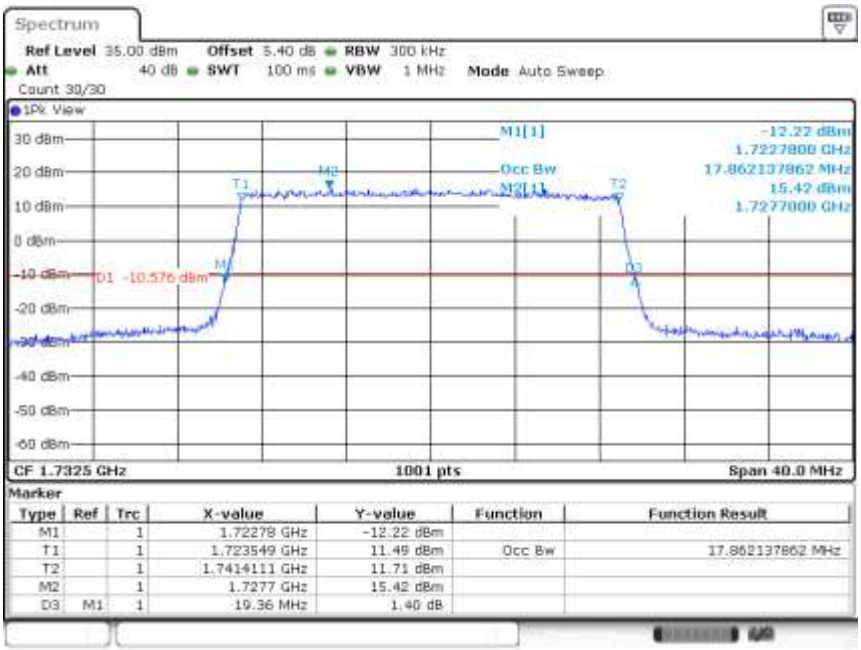
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-20MHz-16QAM-20050-100RB#0-17.902



Date: 11.OCT.2020 19:05:31

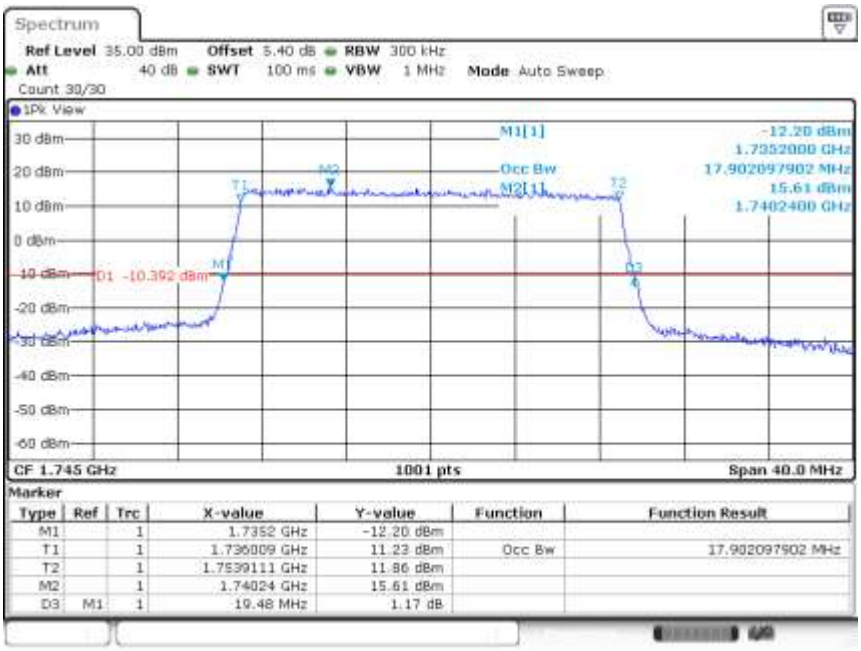
Band4-20MHz-16QAM-20175-100RB#0-17.862



Date: 11.OCT.2020 19:06:02

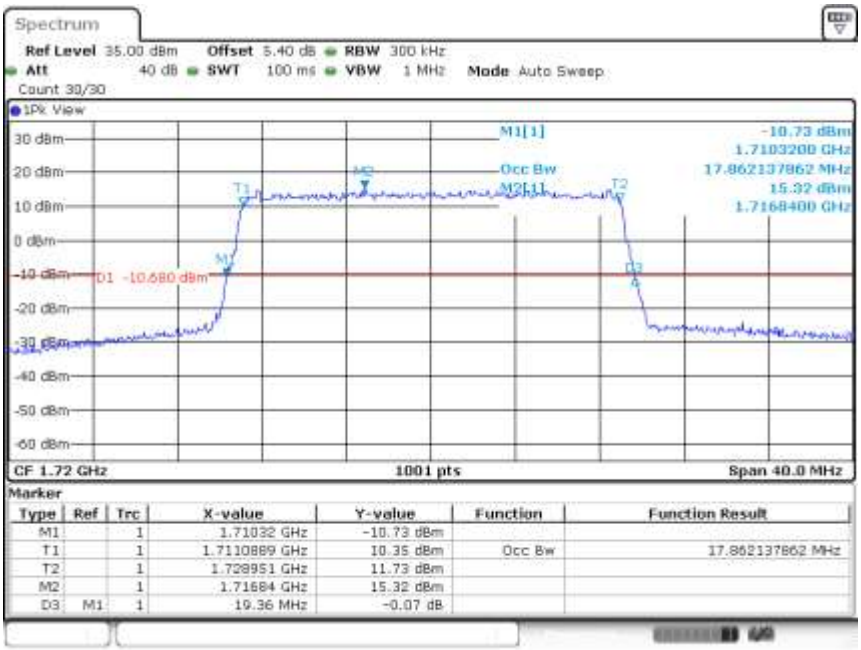
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-20MHz-16QAM-20300-100RB#0-17.902



Date: 11.OCT.2020 19:06:34

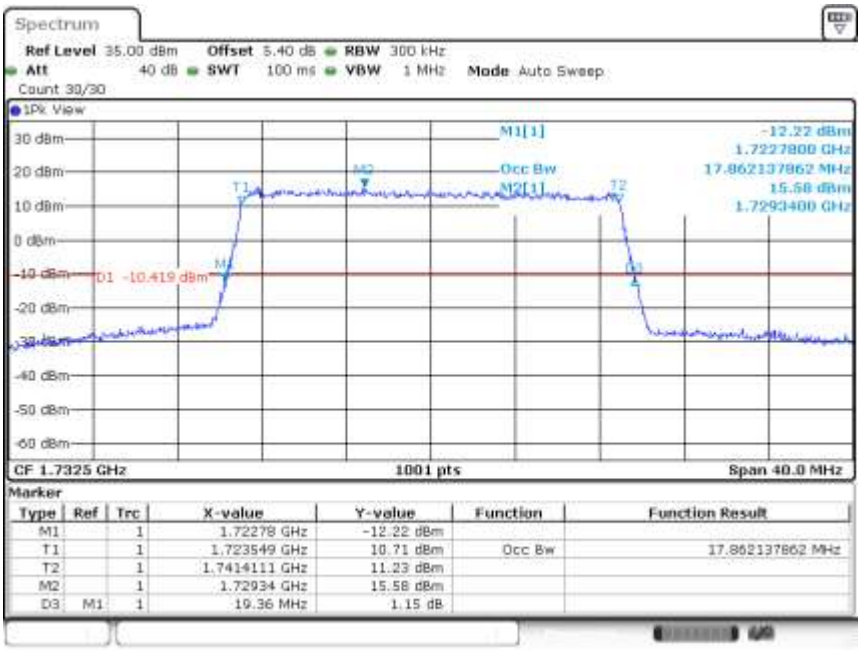
Band4-20MHz-64QAM-20050-100RB#0-17.862



Date: 14.OCT.2020 10:41:05

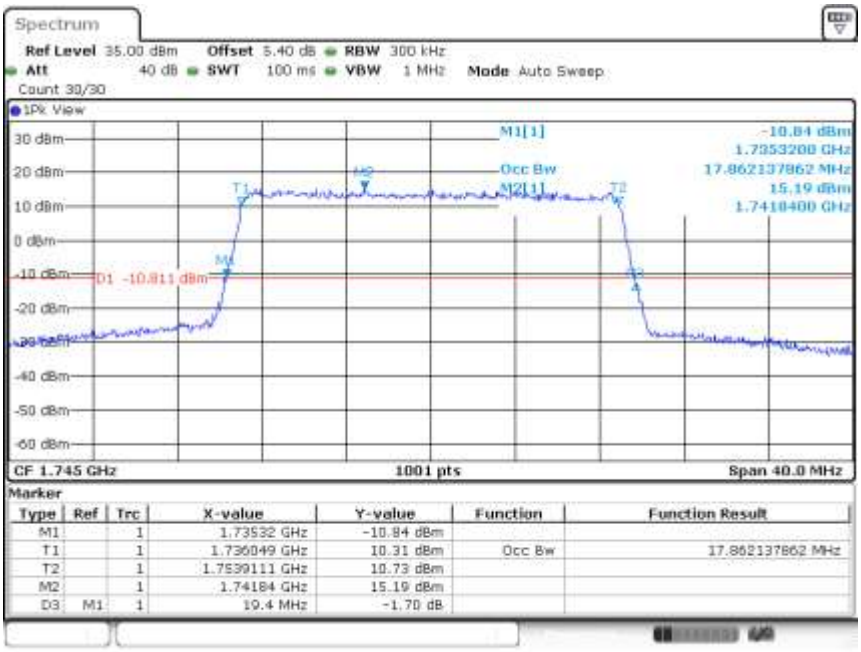
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20175-100RB#0-17.862



Date: 14.OCT.2020 10:41:21

Band4-20MHz-64QAM-20300-100RB#0-17.862



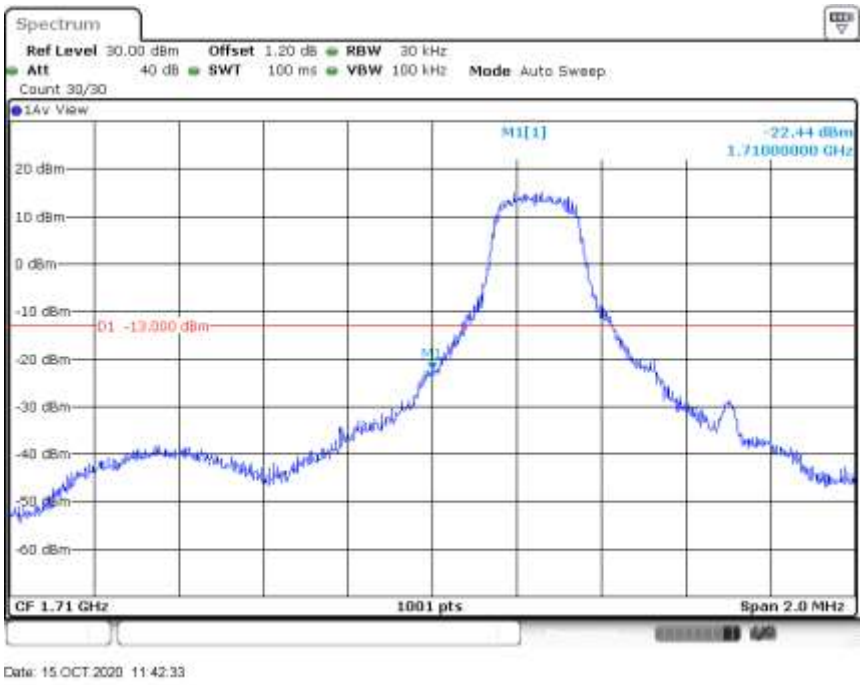
Date: 14.OCT.2020 10:41:37

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

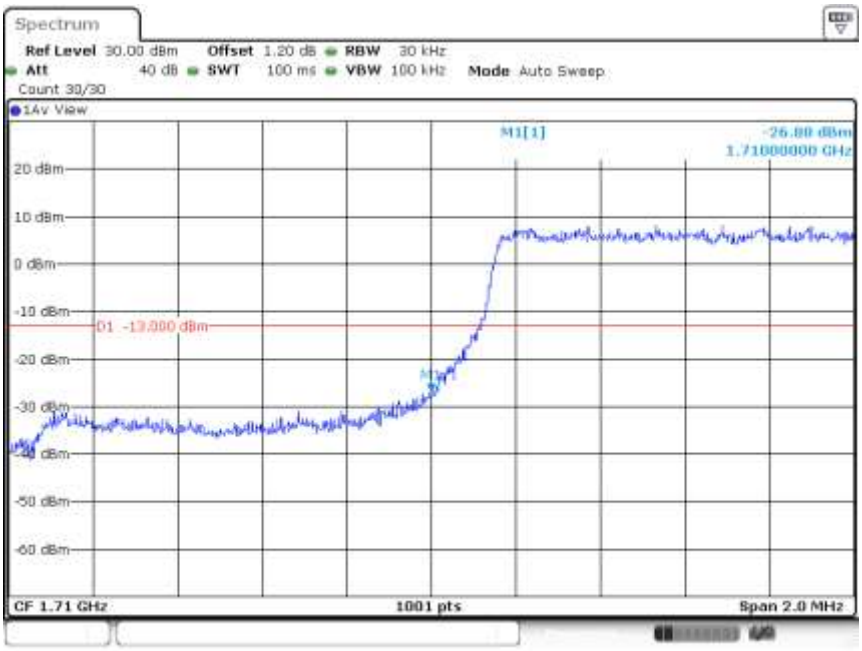
5 Band Edge Compliance

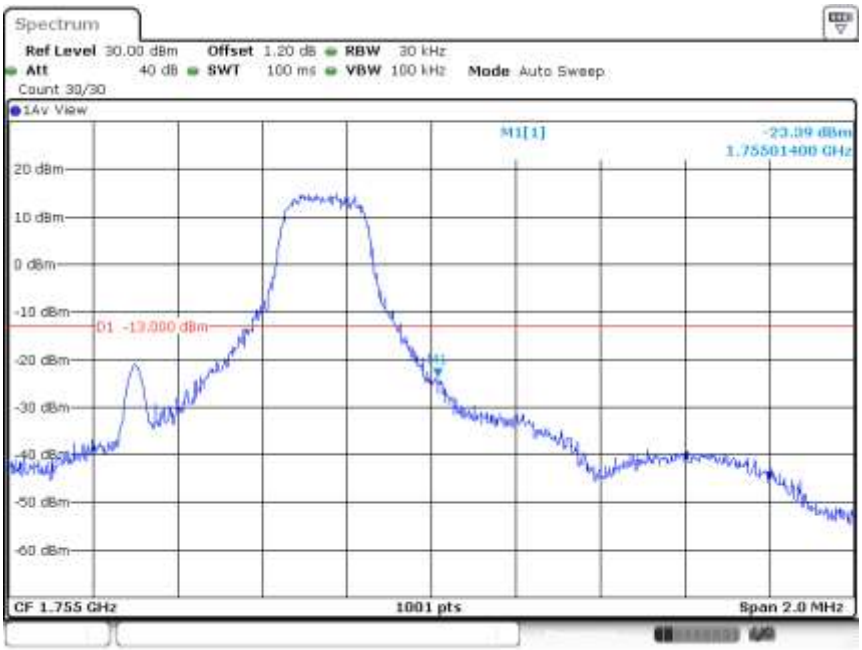
5.1 Test Plots

Band4-1.4MHz-QPSK-19957-1RB#0

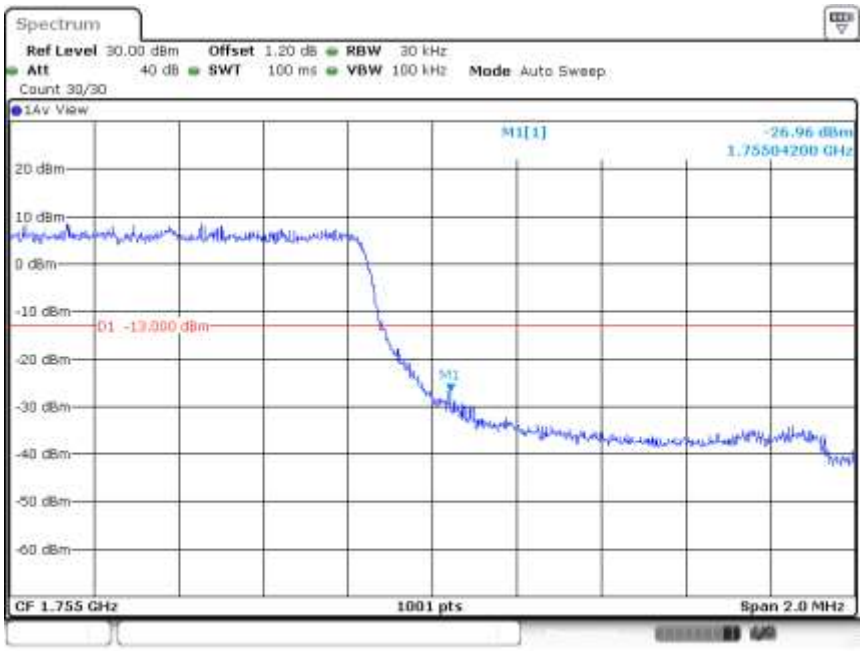


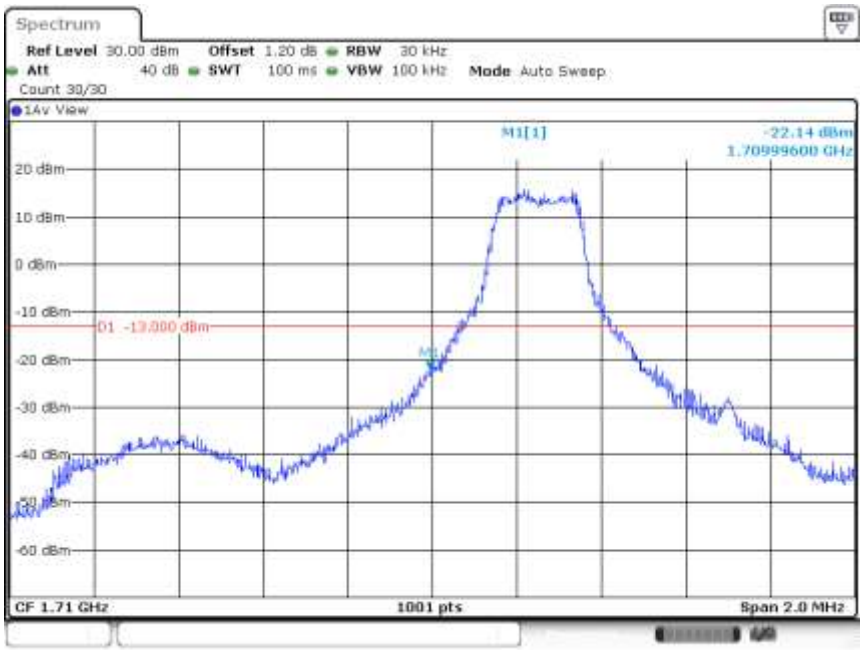
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-1.4MHz-QPSK-19957-6RB#0


Band4-1.4MHz-QPSK-20393-1RB#5


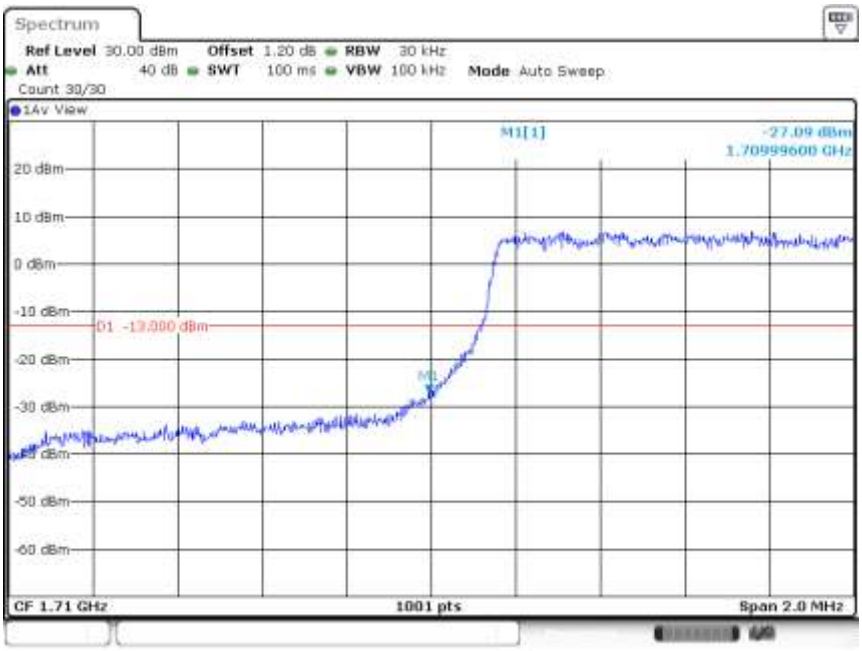
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-1.4MHz-QPSK-20393-6RB#0


Band4-1.4MHz-16QAM-19957-1RB#0


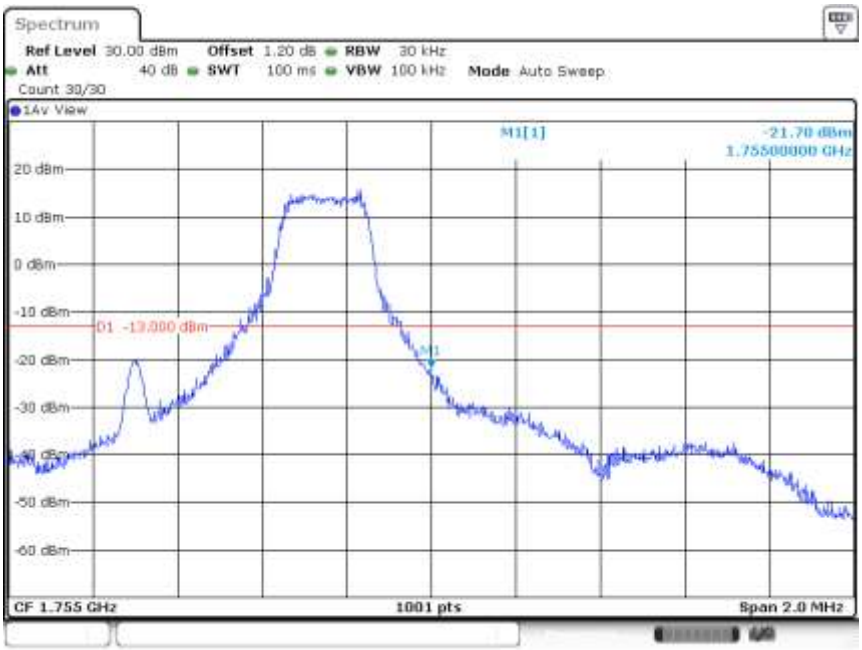
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-1.4MHz-16QAM-19957-6RB#0



Date: 15.OCT.2020 11:43:23

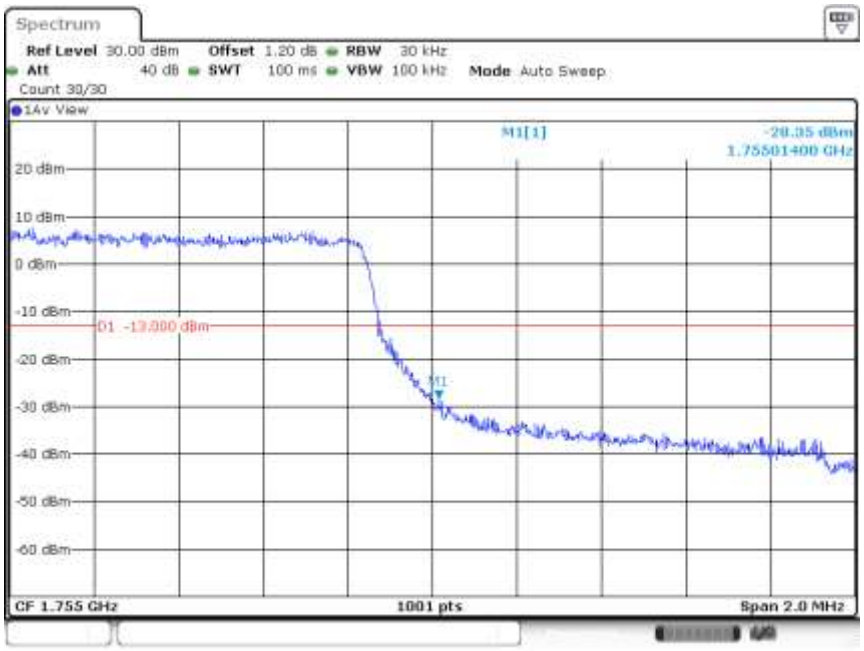
Band4-1.4MHz-16QAM-20393-1RB#5



Date: 15.OCT.2020 11:44:04

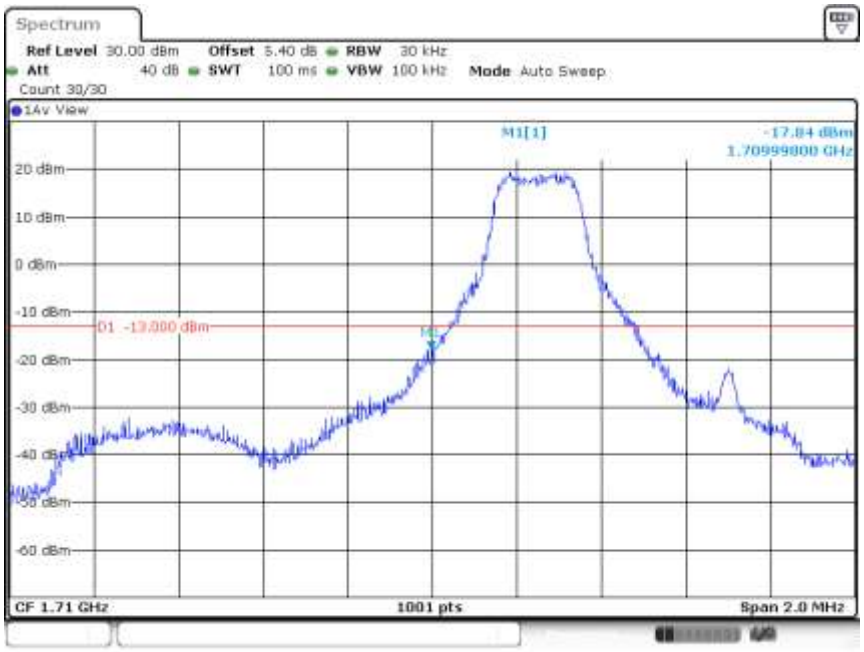
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-1.4MHz-16QAM-20393-6RB#0



Date: 15.OCT.2020 11:44:36

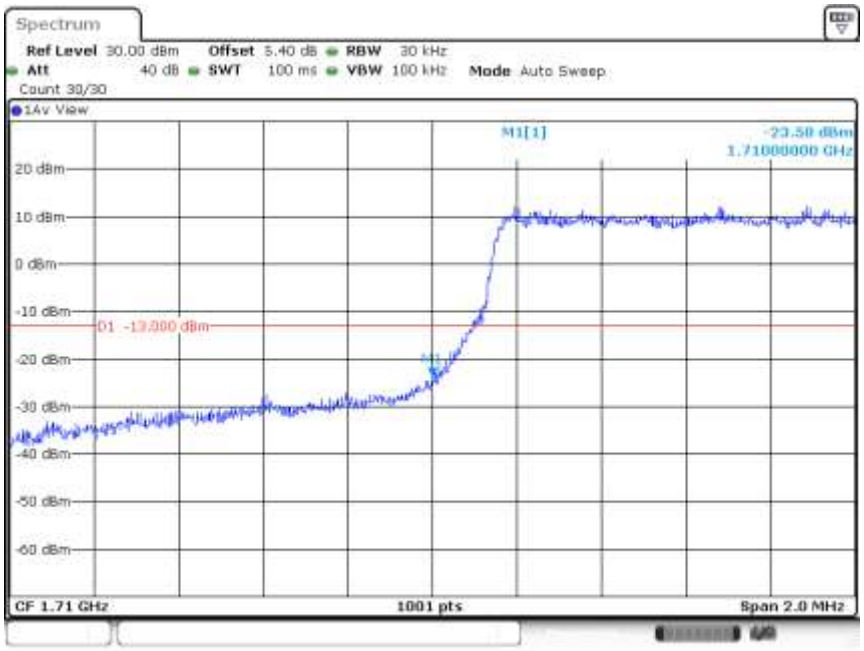
Band4-1.4MHz-64QAM-19957-1RB#0



Date: 14.OCT.2020 10:42:04

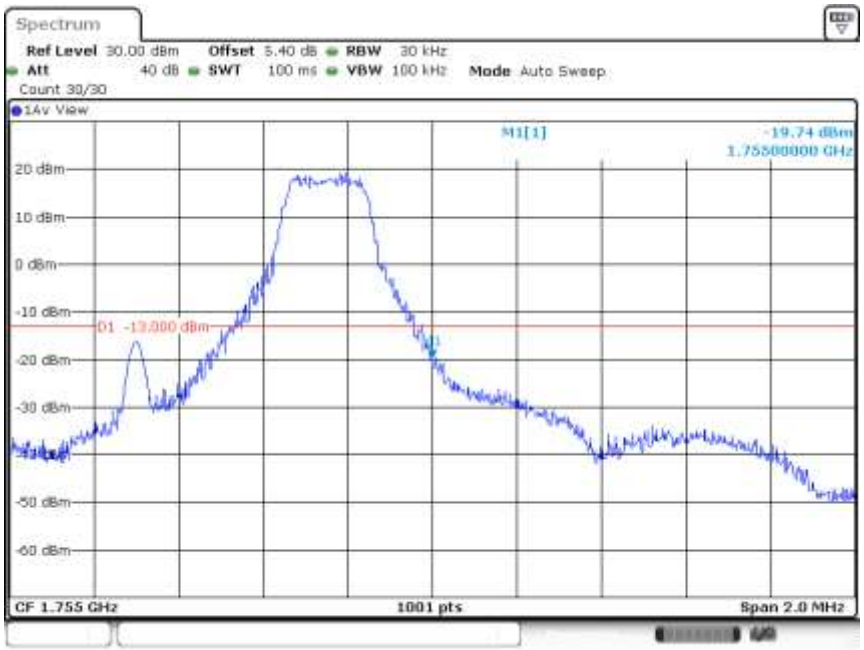
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-1.4MHz-64QAM-19957-6RB#0



Date: 14.OCT.2020 10:42:21

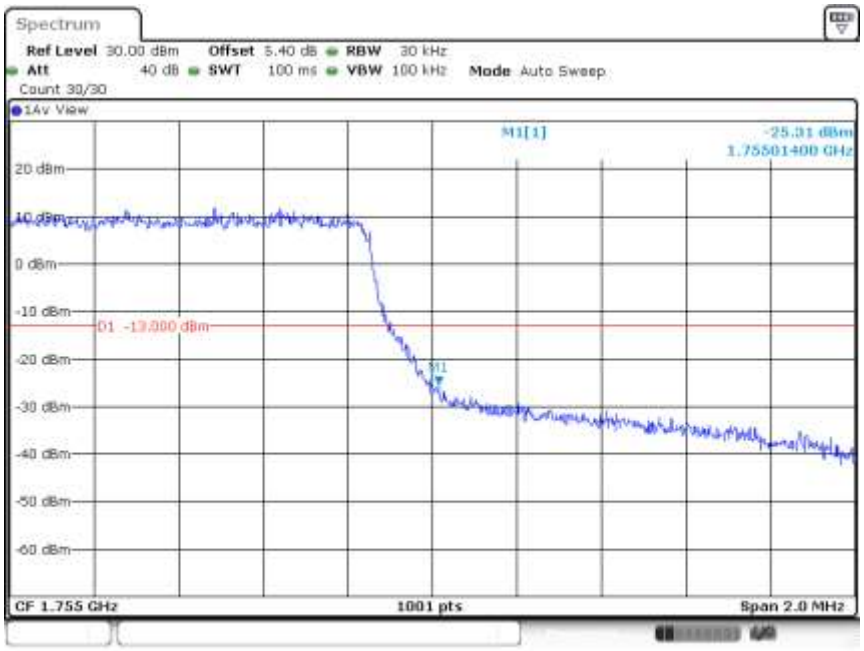
Band4-1.4MHz-64QAM-20393-1RB#5



Date: 14.OCT.2020 10:42:46

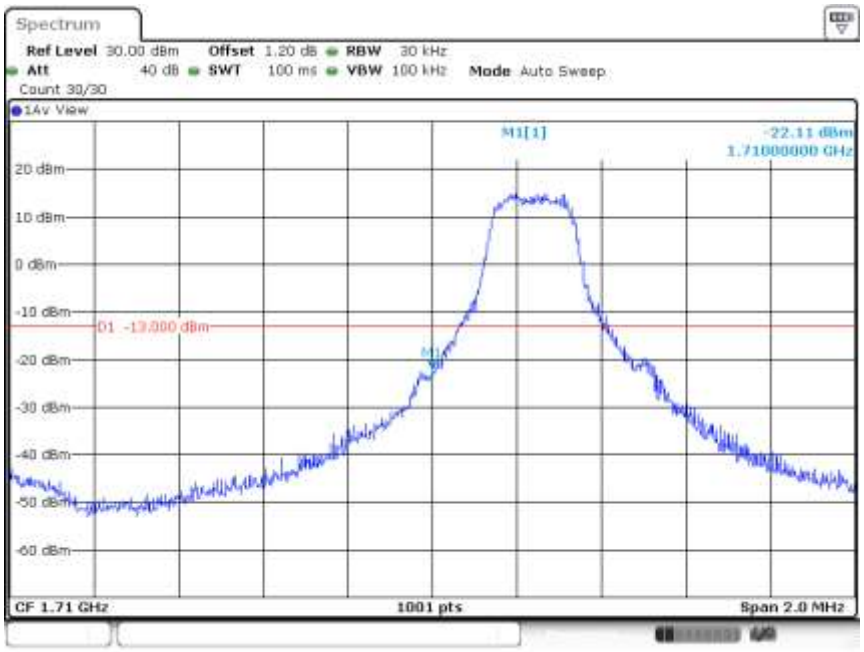
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-1.4MHz-64QAM-20393-6RB#0



Date: 14.OCT.2020 10:43:03

Band4-3MHz-QPSK-19965-1RB#0

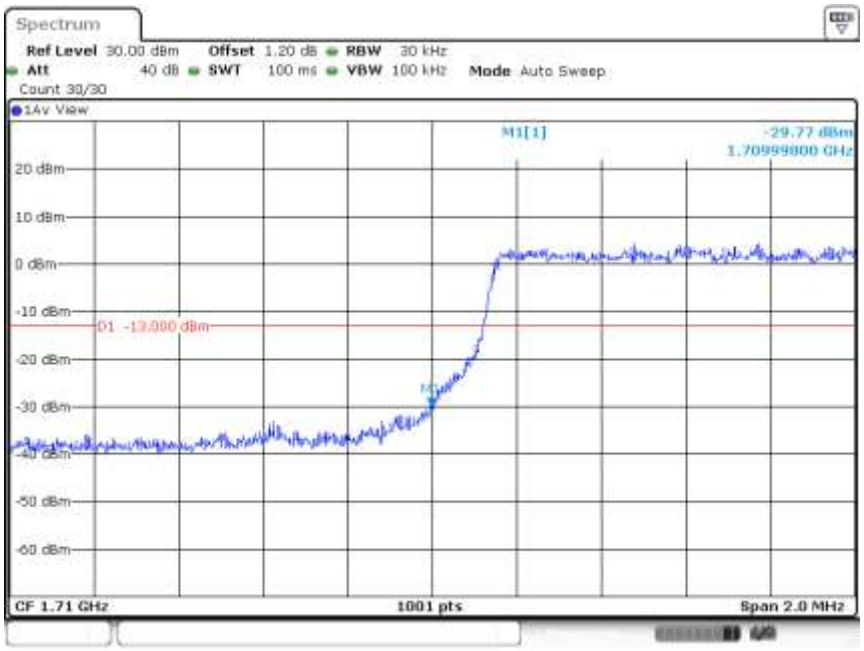


Date: 15.OCT.2020 11:45:02

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

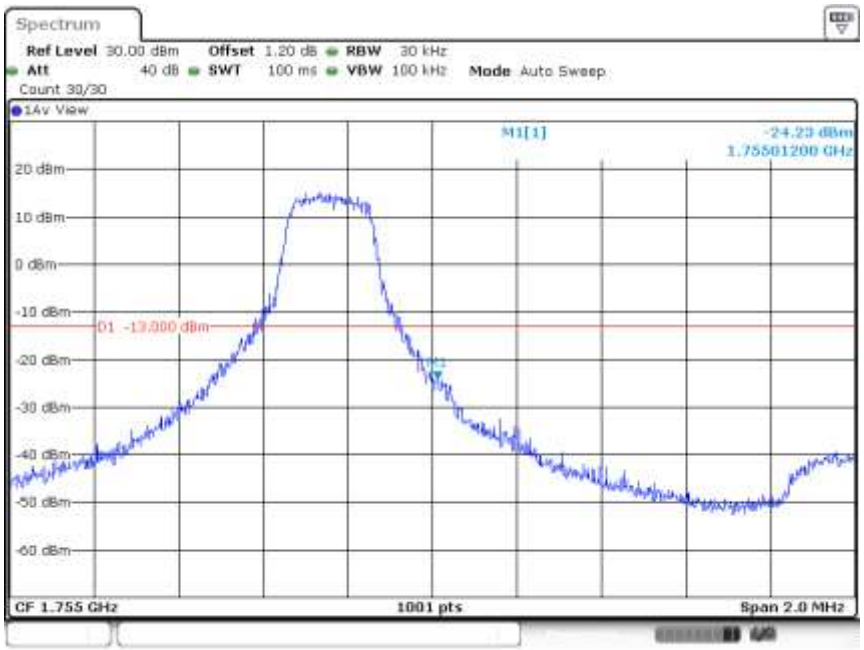
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-3MHz-QPSK-19965-15RB#0



Date: 15.OCT.2020 11:45:35

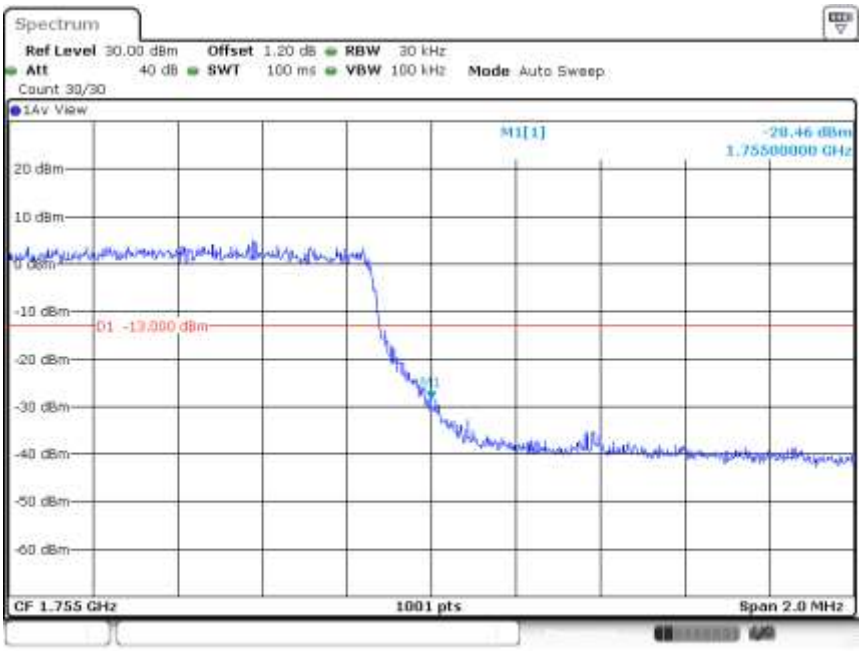
Band4-3MHz-QPSK-20385-1RB#14



Date: 15.OCT.2020 11:46:16

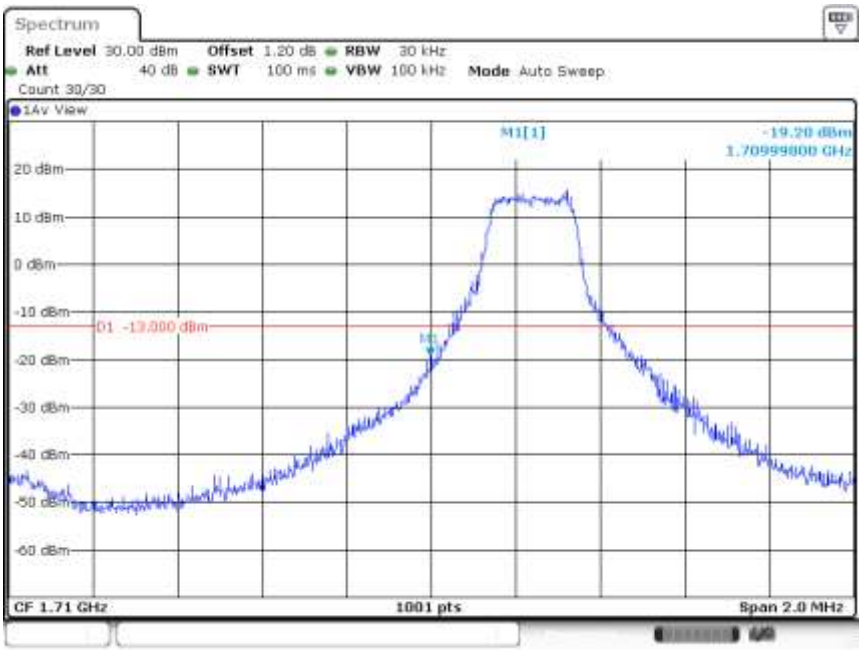
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-3MHz-QPSK-20385-15RB#0



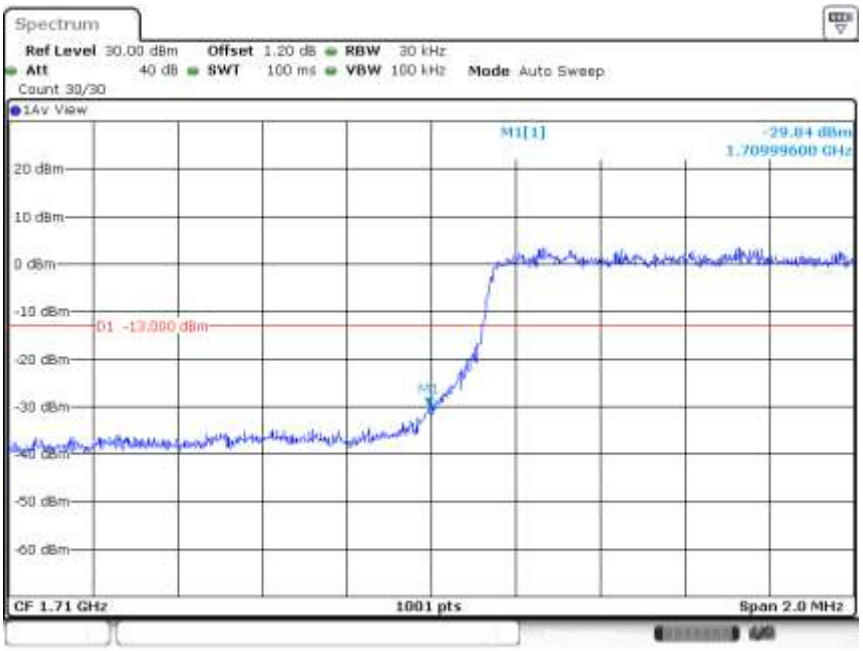
Date: 15.OCT.2020 11:46:49

Band4-3MHz-16QAM-19965-1RB#0

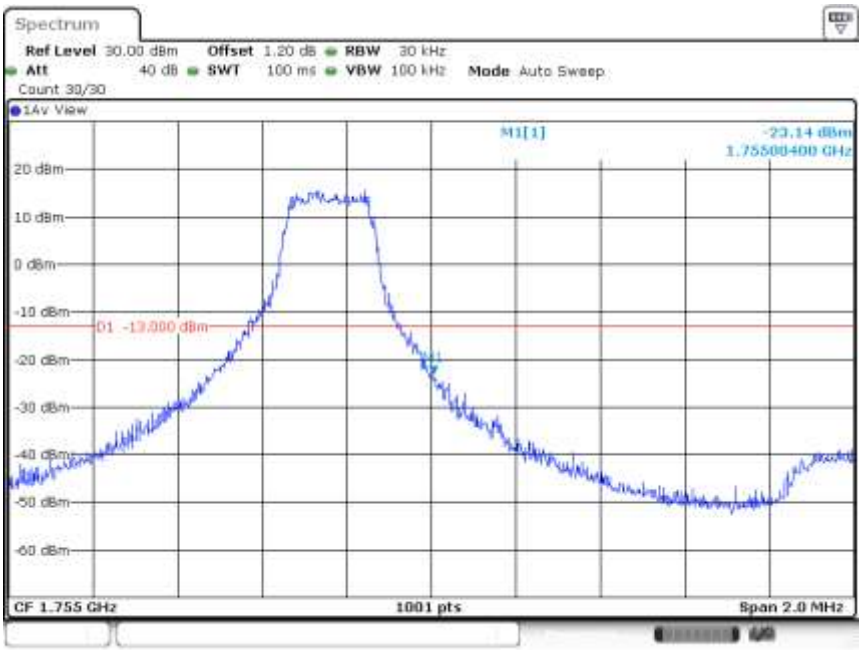


Date: 15.OCT.2020 11:45:19

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-3MHz-16QAM-19965-15RB#0


Date: 15.OCT.2020 11:45:52

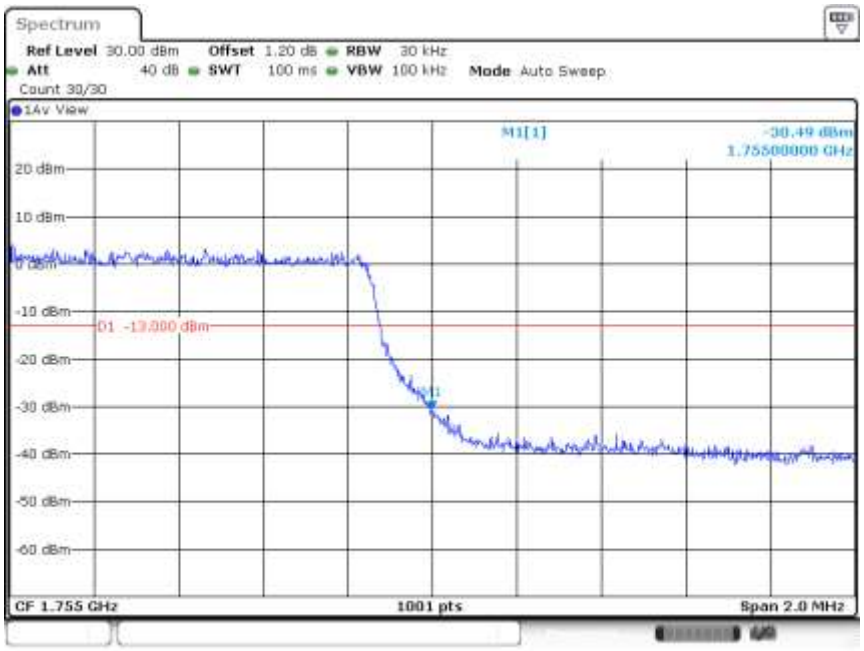
Band4-3MHz-16QAM-20385-1RB#14


Date: 15.OCT.2020 11:46:33

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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

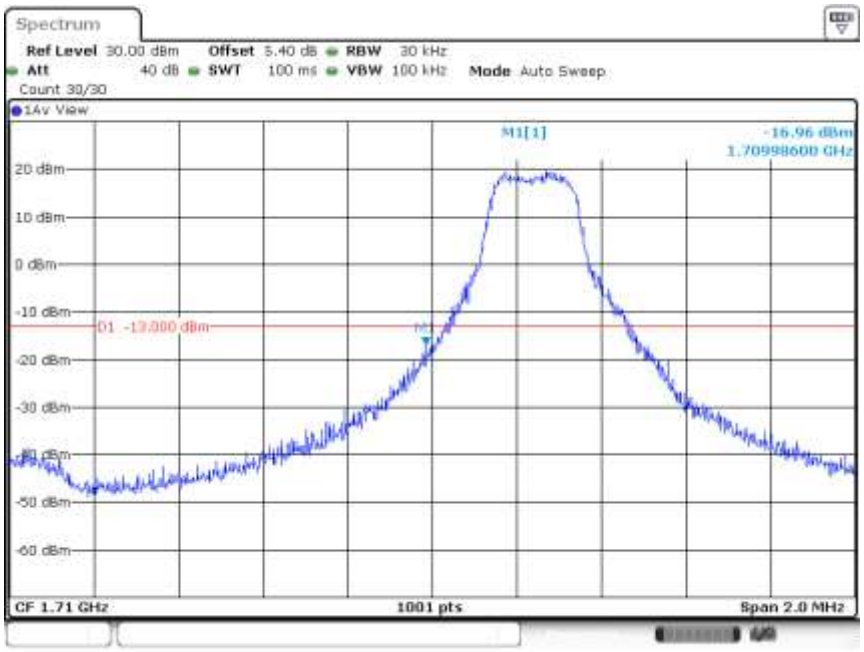
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-3MHz-16QAM-20385-15RB#0



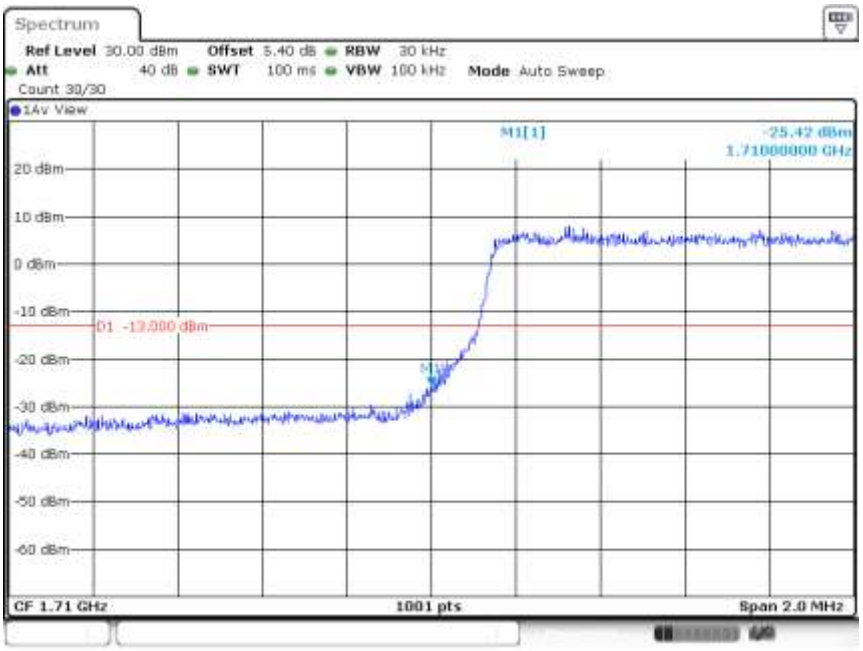
Date: 15.OCT.2020 11:47:05

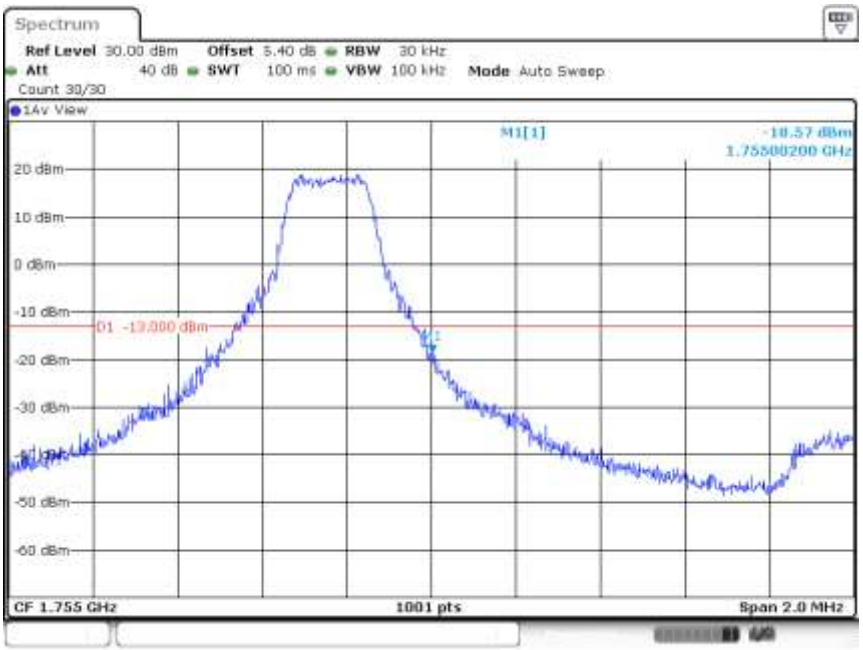
Band4-3MHz-64QAM-19965-1RB#0



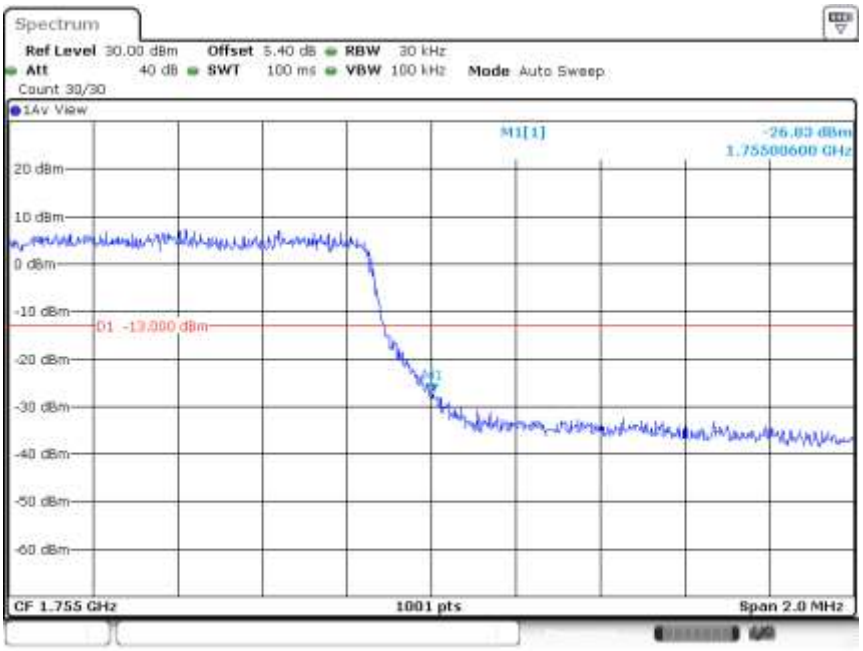
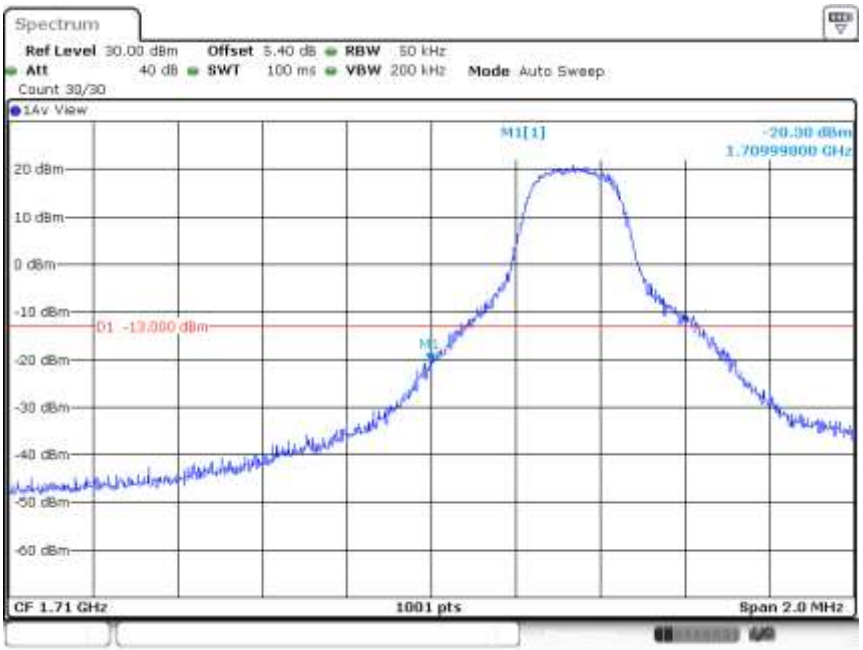
Date: 14.OCT.2020 10:46:33

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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-3MHz-64QAM-19965-15RB#0


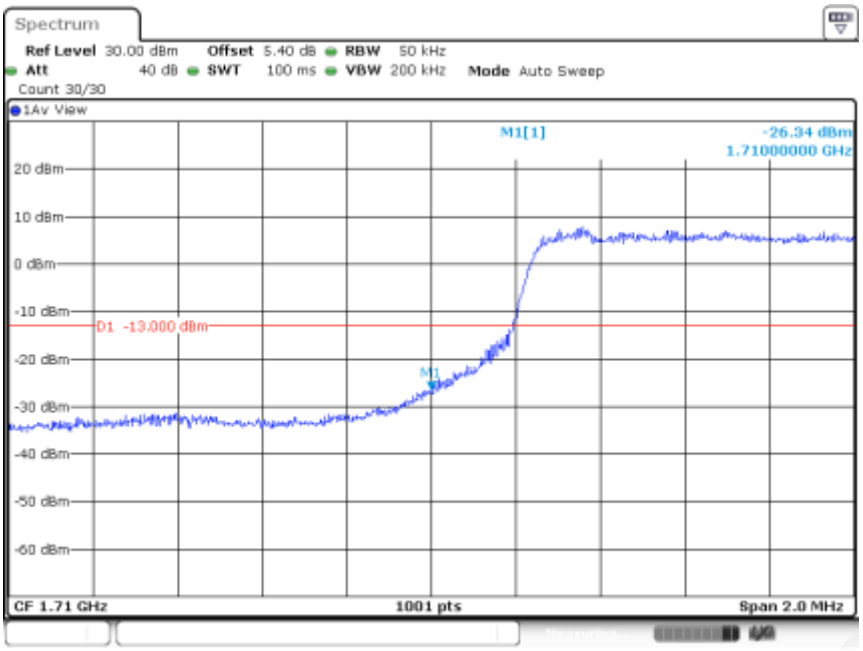
Band4-3MHz-64QAM-20385-1RB#14


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

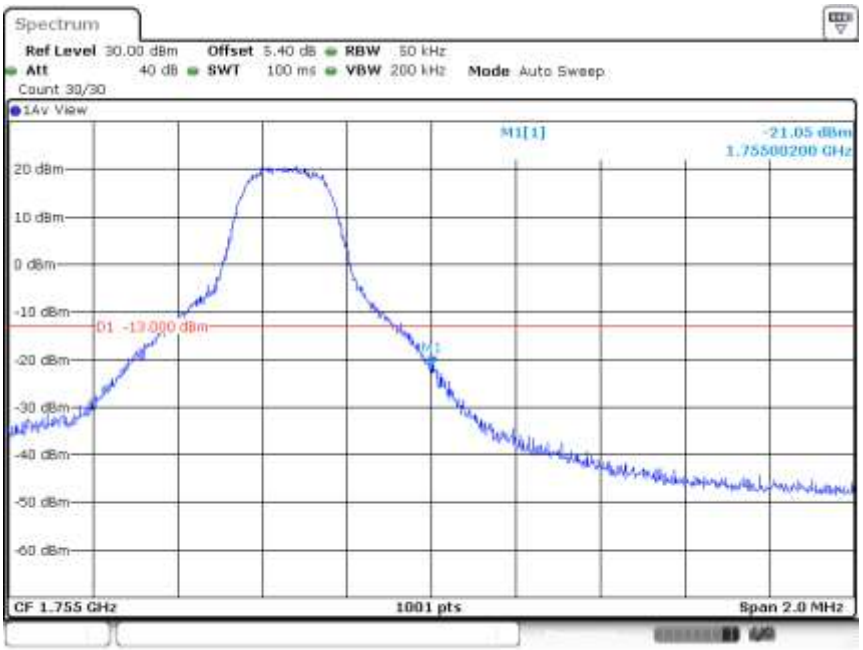
Band4-3MHz-64QAM-20385-15RB#0
 Date: 14.OCT.2020 10:47:32
Band4-5MHz-QPSK-19975-1RB#0
 Date: 11.OCT.2020 19:06:59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-5MHz-QPSK-19975-25RB#0

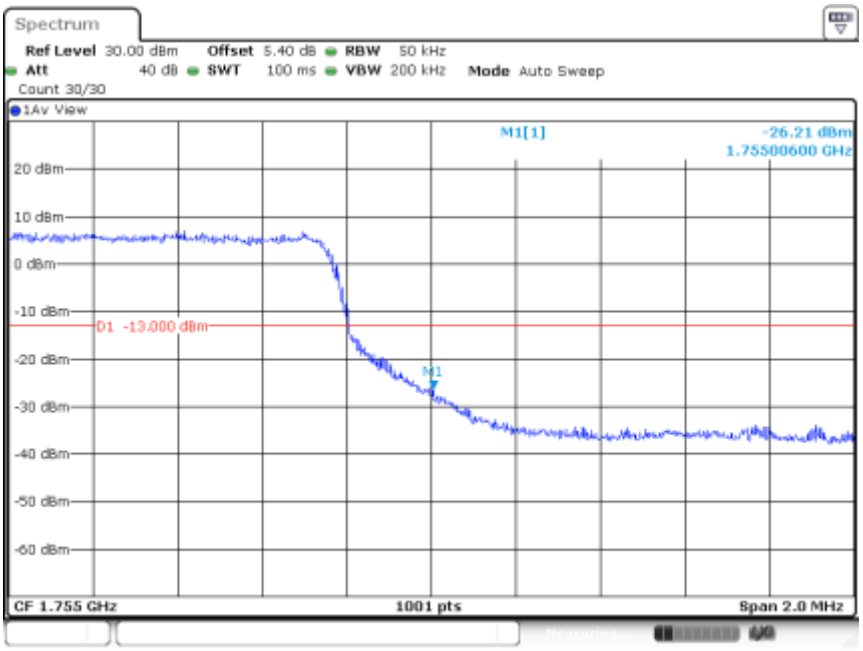


Band4-5MHz-QPSK-20375-1RB#24



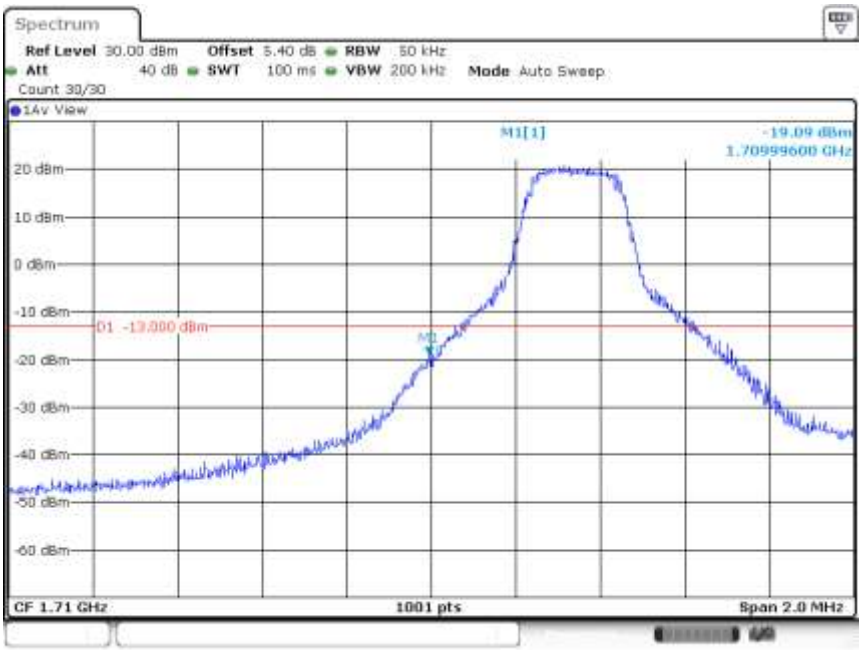
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-5MHz-QPSK-20375-25RB#0



Date: 11.OCT.2020 19:08:46

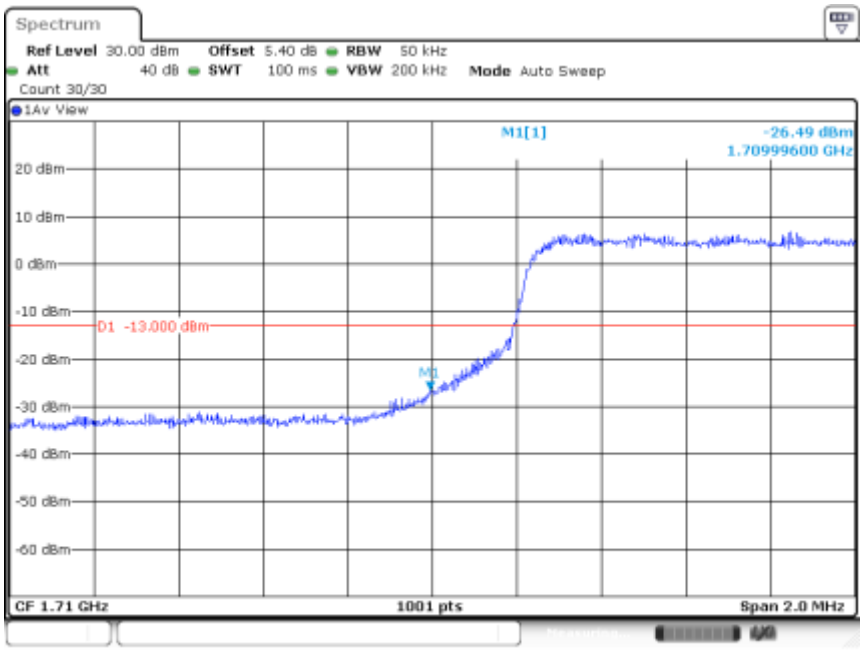
Band4-5MHz-16QAM-19975-1RB#0



Date: 11.OCT.2020 19:07:16

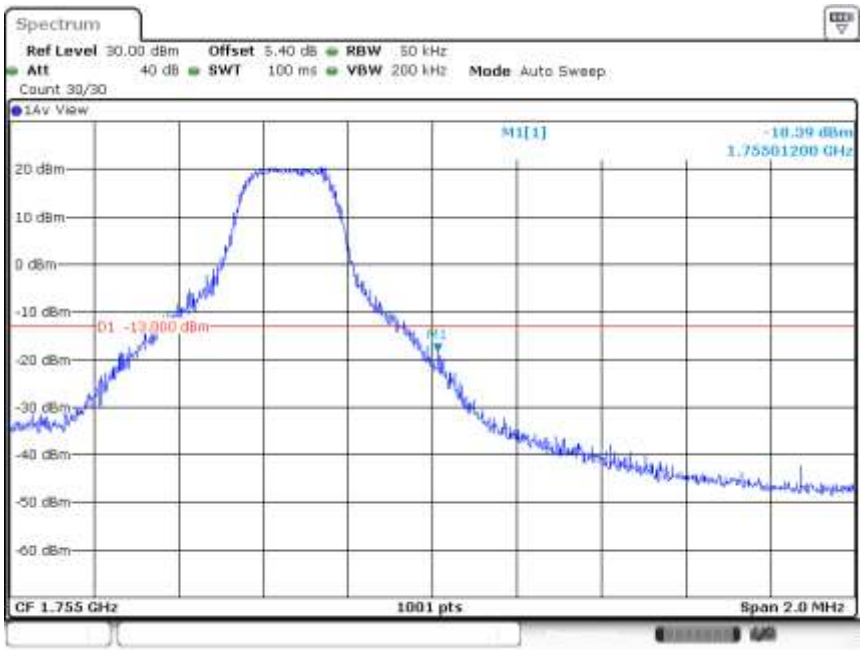
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-5MHz-16QAM-19975-25RB#0



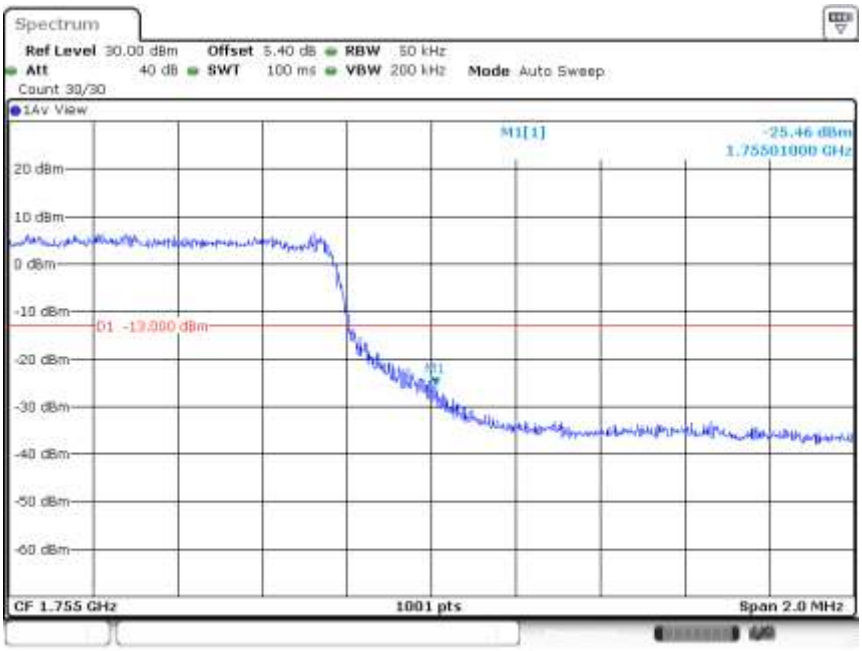
Date: 11.OCT.2020 19:07:48

Band4-5MHz-16QAM-20375-1RB#24

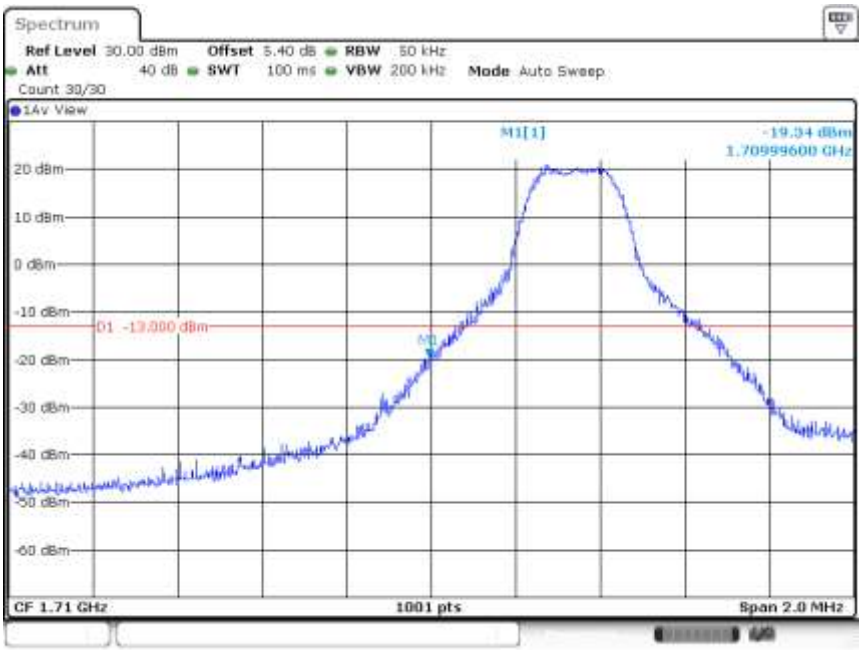


Date: 11.OCT.2020 19:08:29

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-5MHz-16QAM-20375-25RB#0


Date: 11.OCT.2020 19:09:02

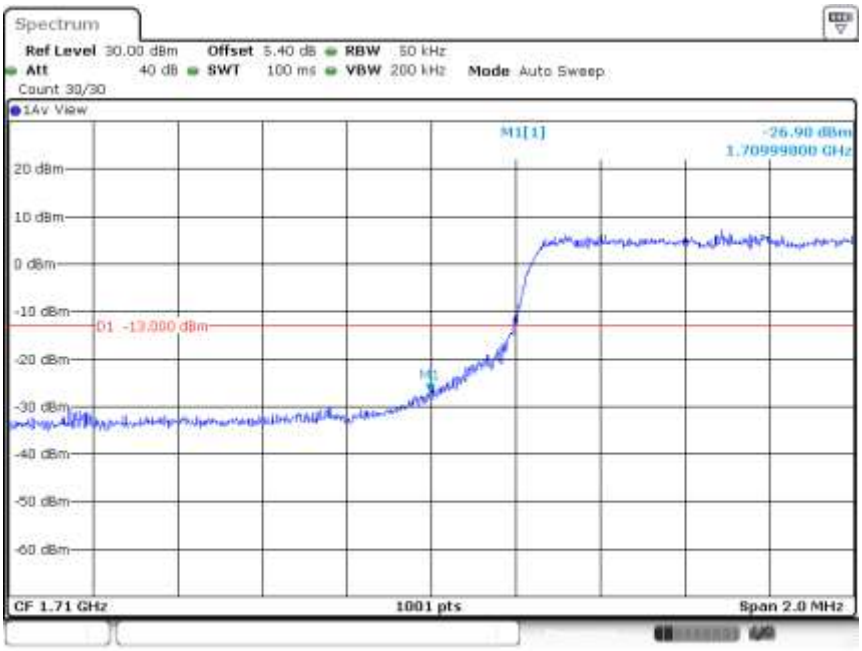
Band4-5MHz-64QAM-19975-1RB#0


Date: 14.OCT.2020 10:47:59

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

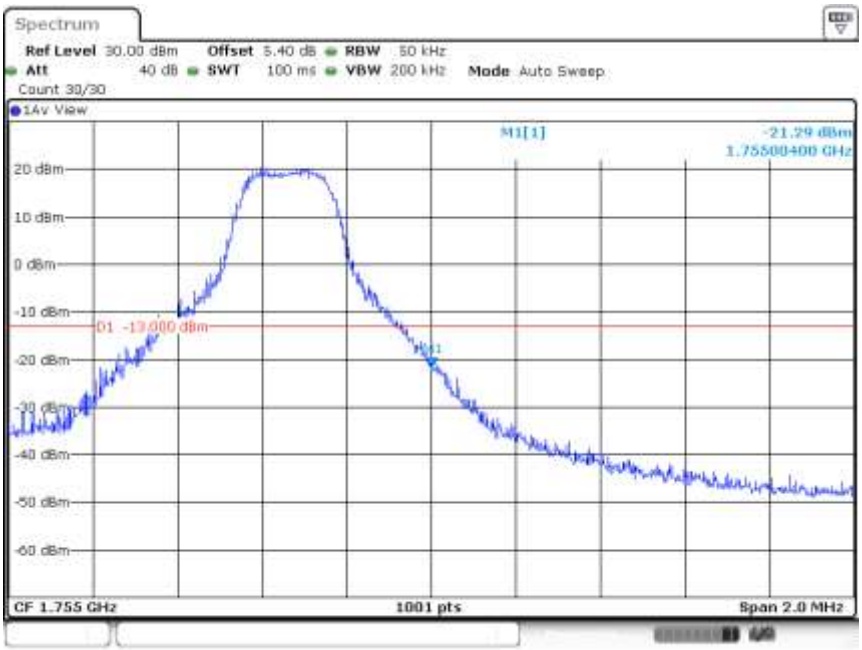
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-5MHz-64QAM-19975-25RB#0



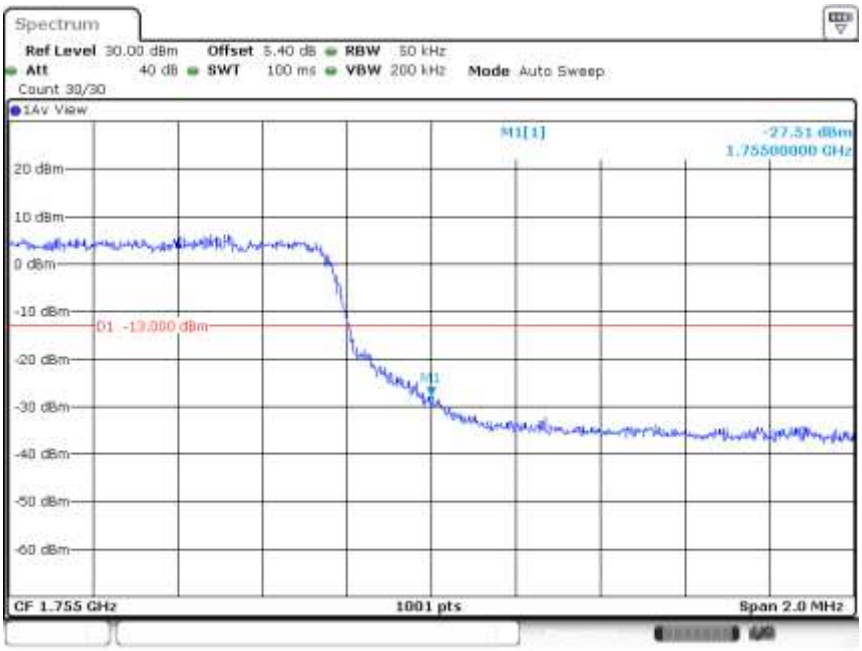
Date: 14.OCT.2020 10:48:15

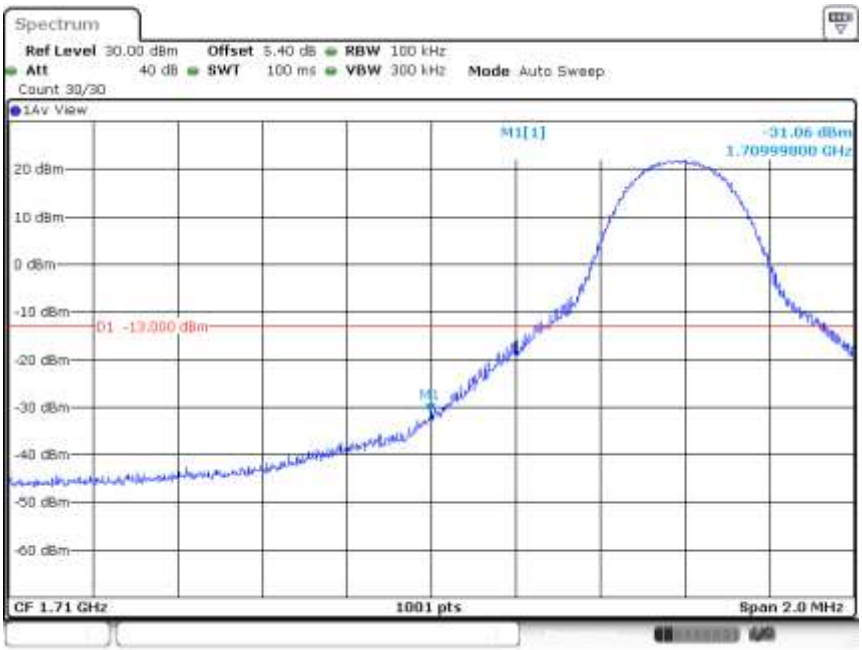
Band4-5MHz-64QAM-20375-1RB#24



Date: 14.OCT.2020 10:48:41

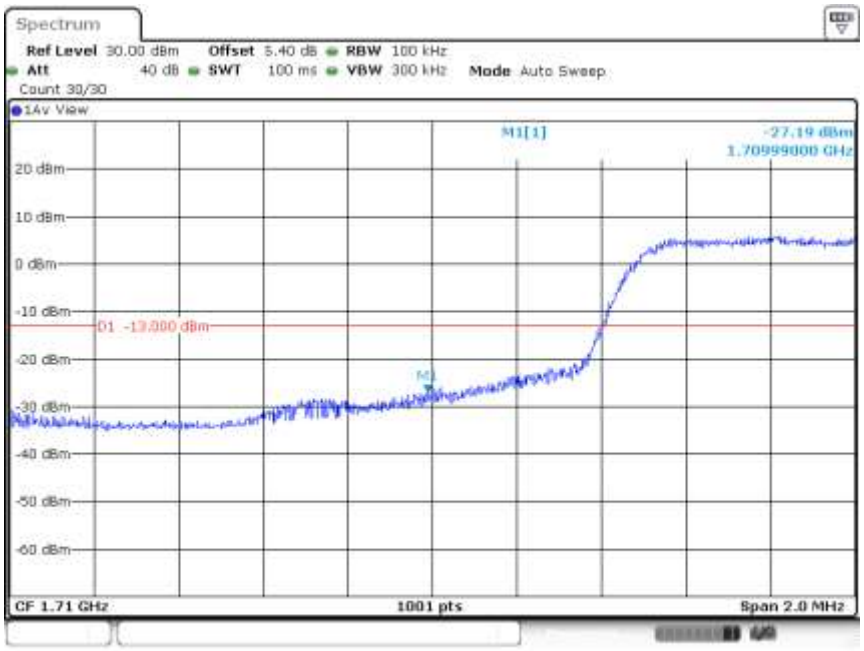
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-5MHz-64QAM-20375-25RB#0


Band4-10MHz-QPSK-20000-1RB#0


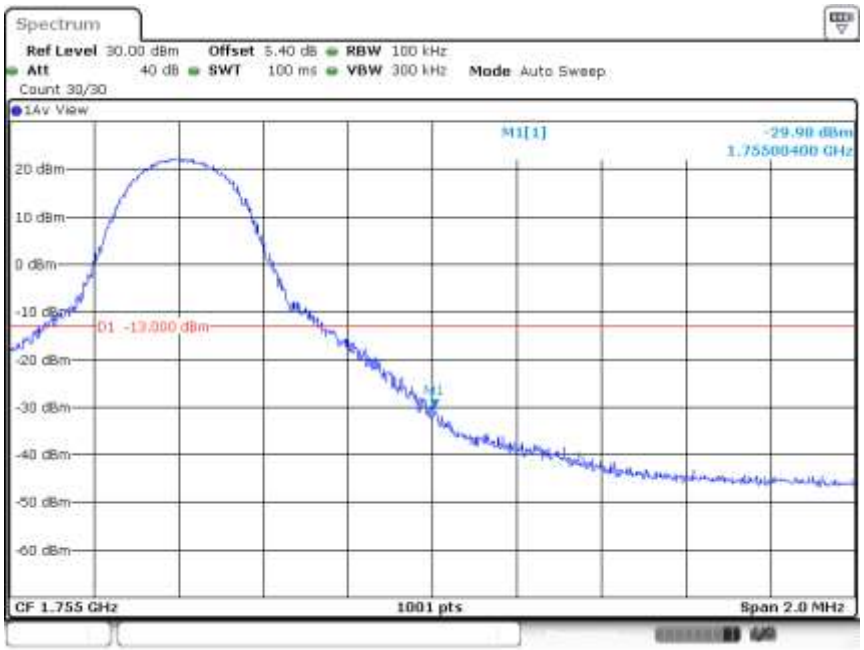
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-10MHz-QPSK-20000-50RB#0



Date: 11.OCT.2020 19:10:00

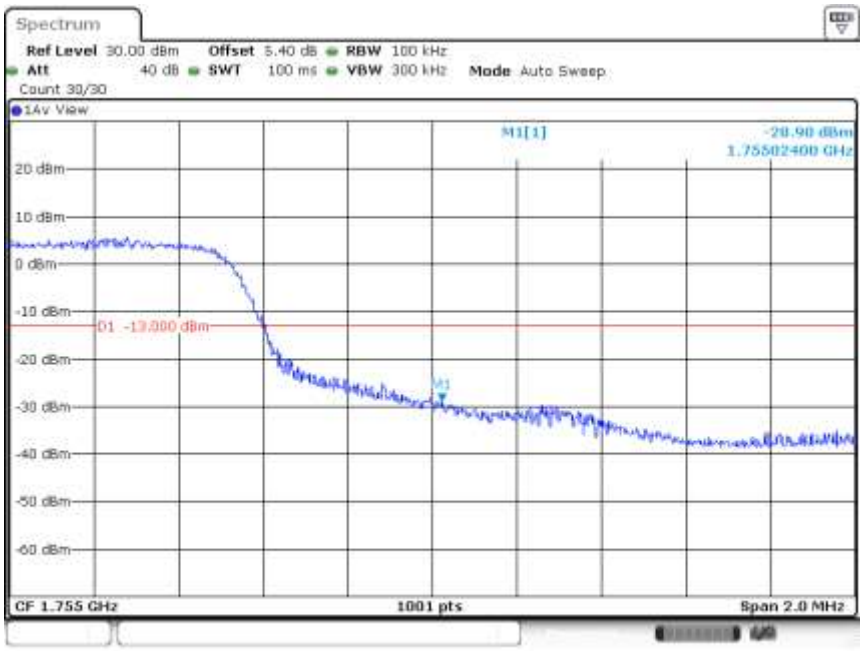
Band4-10MHz-QPSK-20350-1RB#49



Date: 11.OCT.2020 19:10:40

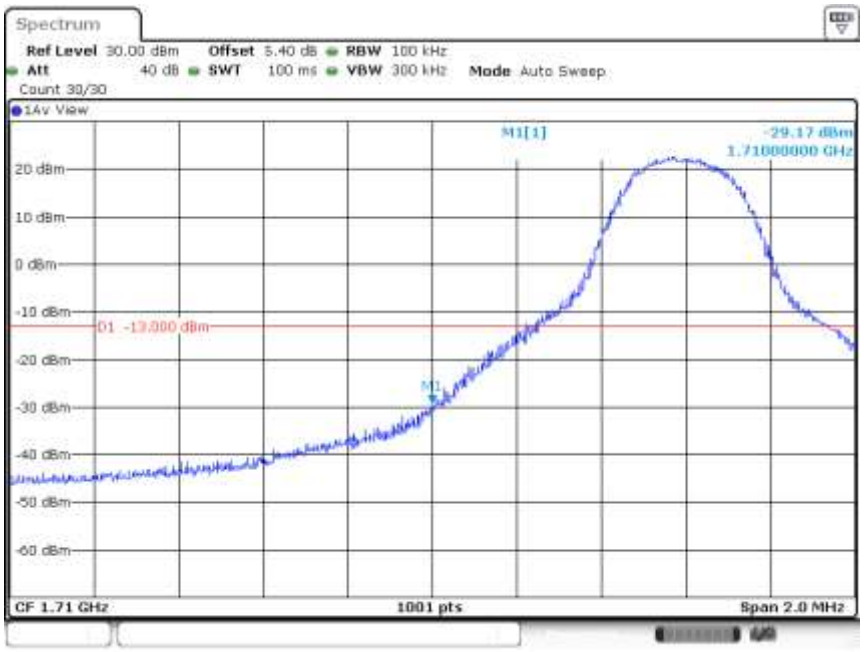
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-10MHz-QPSK-20350-50RB#0



Date: 11.OCT.2020 19:11:14

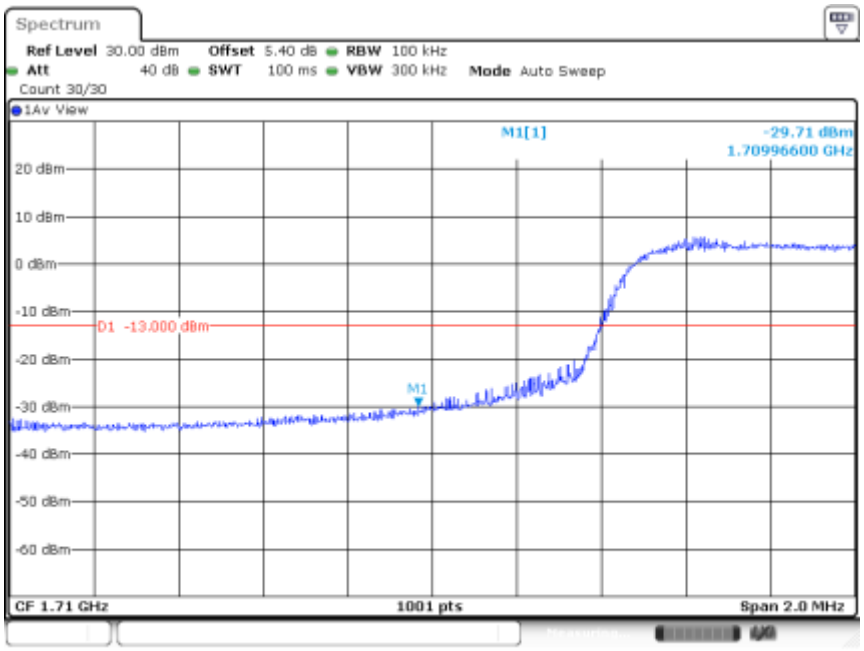
Band4-10MHz-16QAM-20000-1RB#0



Date: 11.OCT.2020 19:09:43

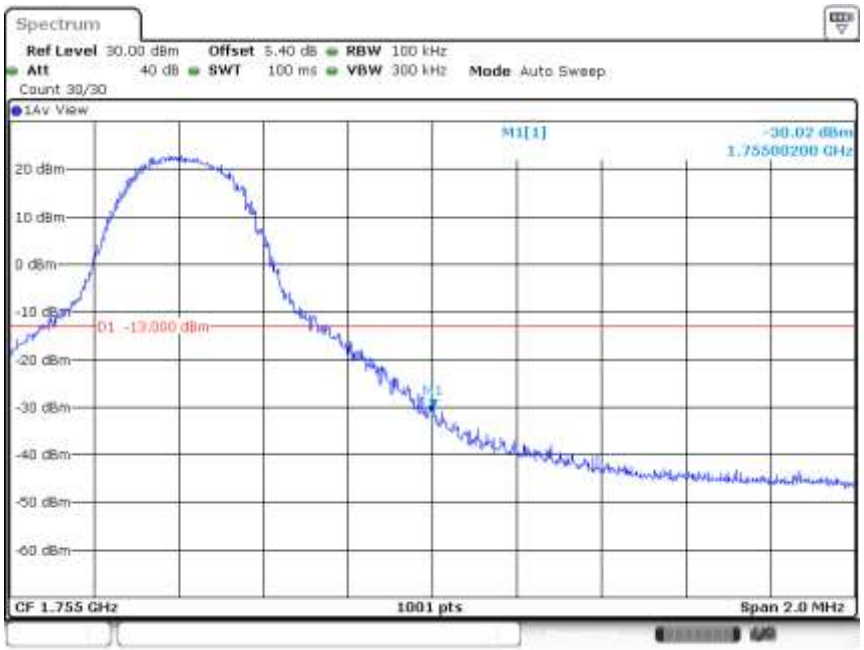
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-10MHz-16QAM-20000-50RB#0



Date: 11.OCT.2020 19:10:16

Band4-10MHz-16QAM-20350-1RB#49

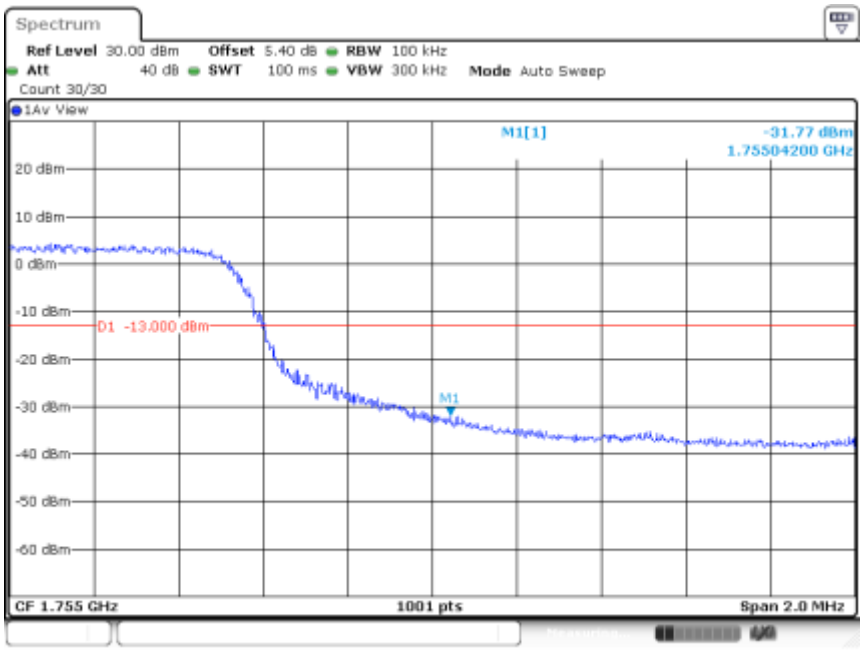


Date: 11.OCT.2020 19:10:57

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

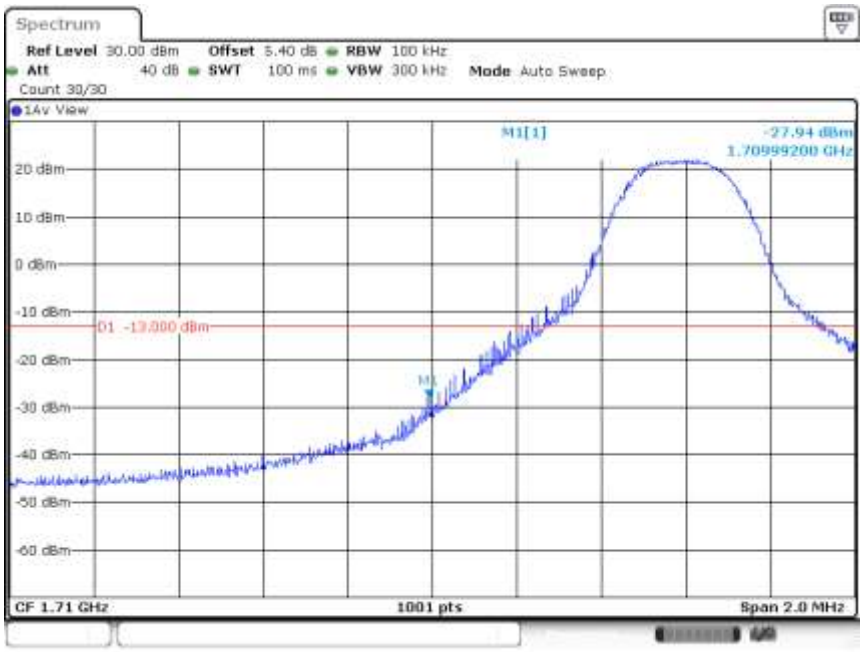
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-10MHz-16QAM-20350-50RB#0



Date: 11.OCT.2020 19:11:30

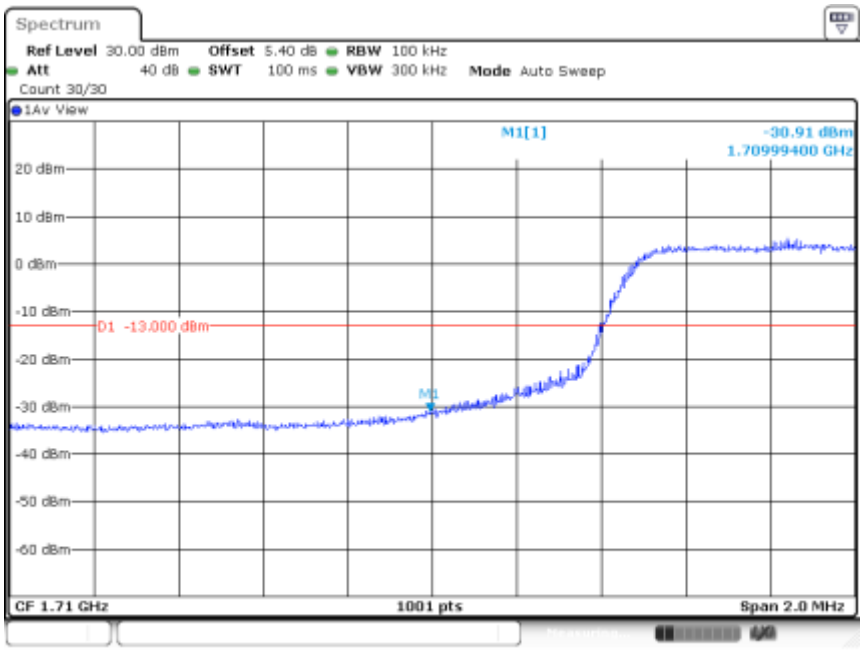
Band4-10MHz-64QAM-20000-1RB#0



Date: 14.OCT.2020 10:49:24

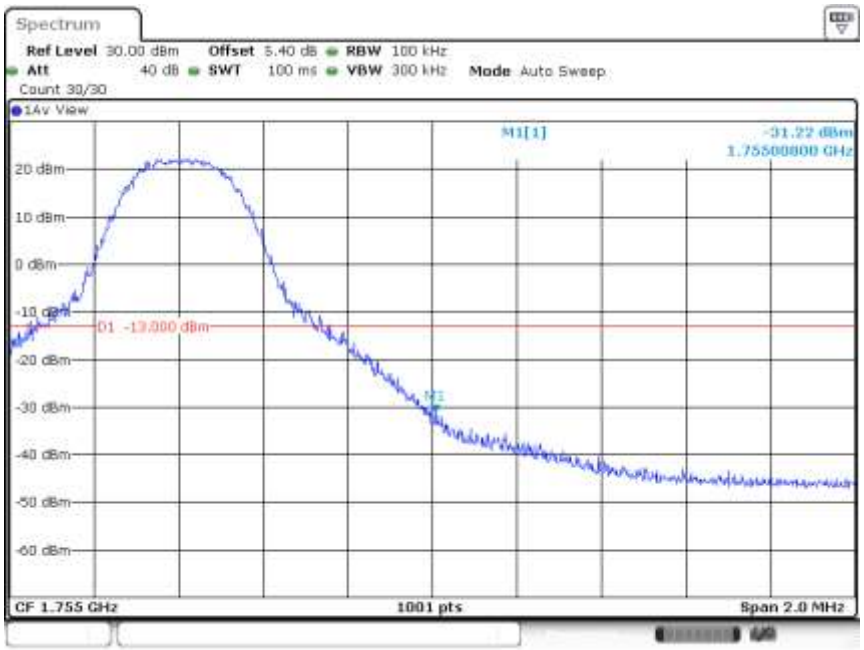
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-10MHz-64QAM-20000-50RB#0



Date: 14.OCT.2020 10:49:41

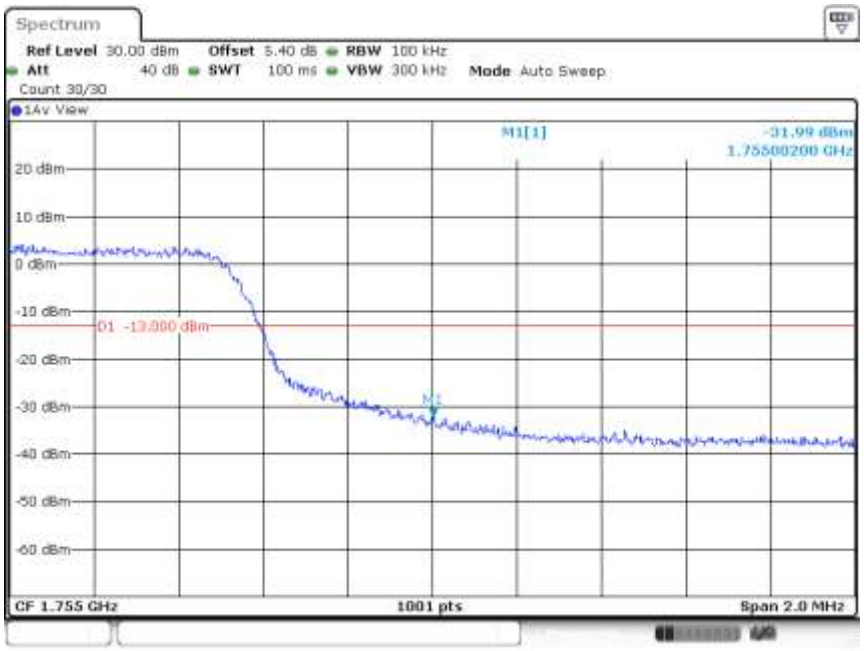
Band4-10MHz-64QAM-20350-1RB#49



Date: 14.OCT.2020 10:50:09

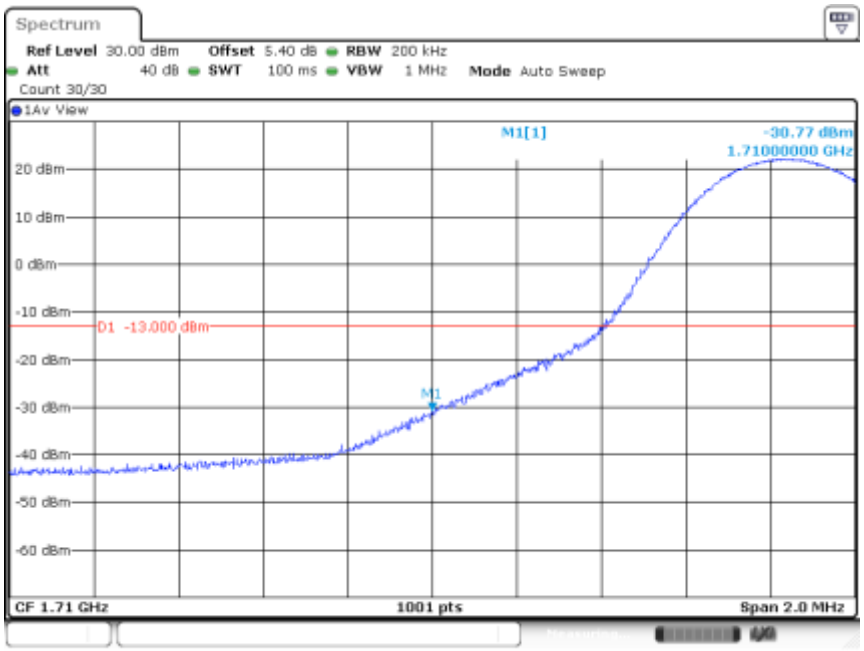
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-10MHz-64QAM-20350-50RB#0



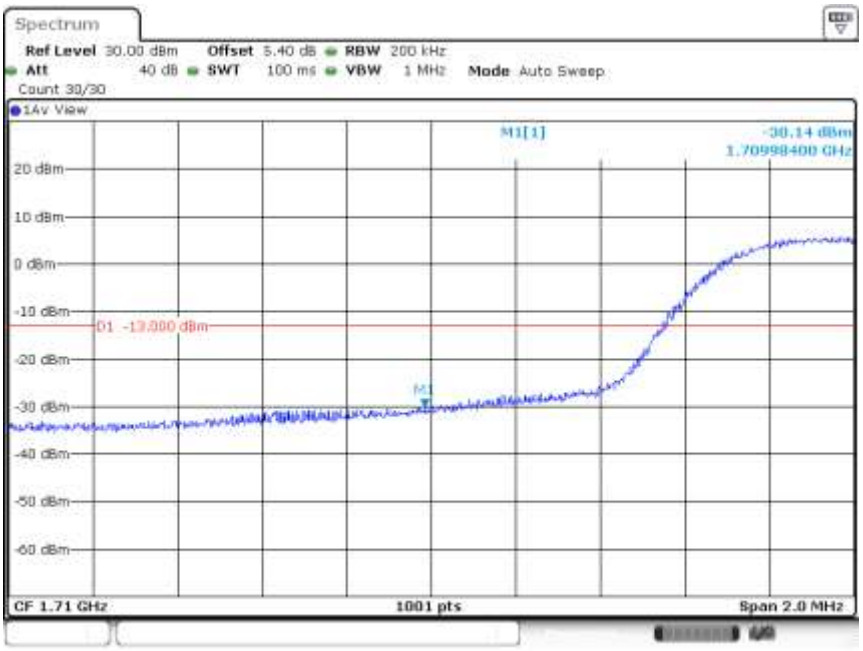
Date: 14.OCT.2020 10:50:25

Band4-15MHz-QPSK-20025-1RB#0

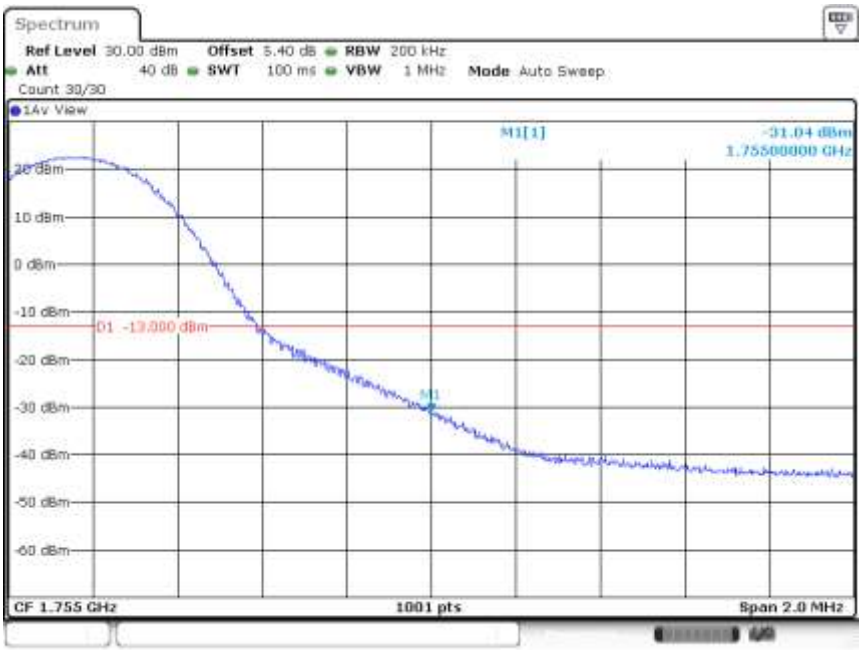


Date: 11.OCT.2020 19:11:55

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-15MHz-QPSK-20025-75RB#0


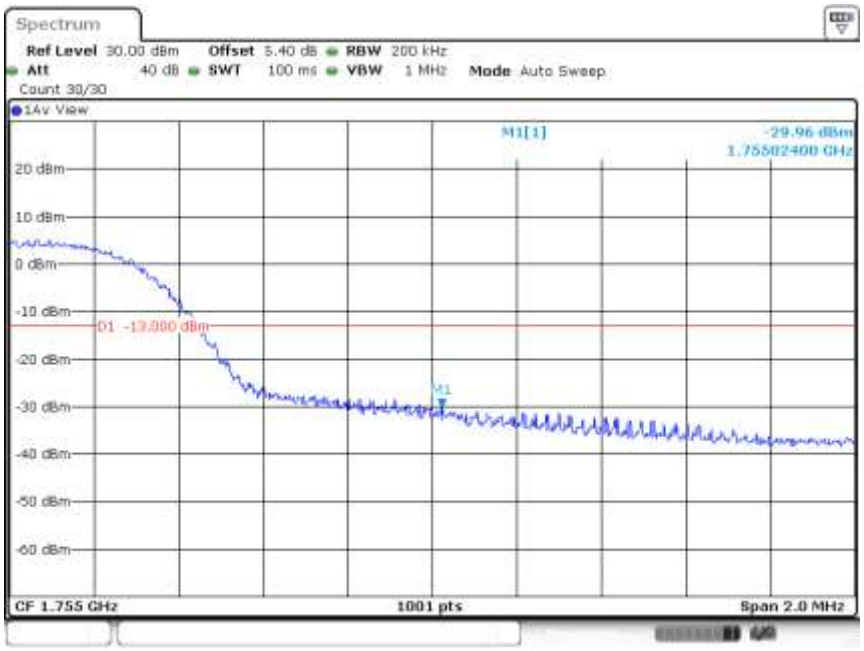
Date: 11.OCT.2020 19:12:28

Band4-15MHz-QPSK-20325-1RB#74


Date: 11.OCT.2020 19:13:09

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-15MHz-QPSK-20325-75RB#0



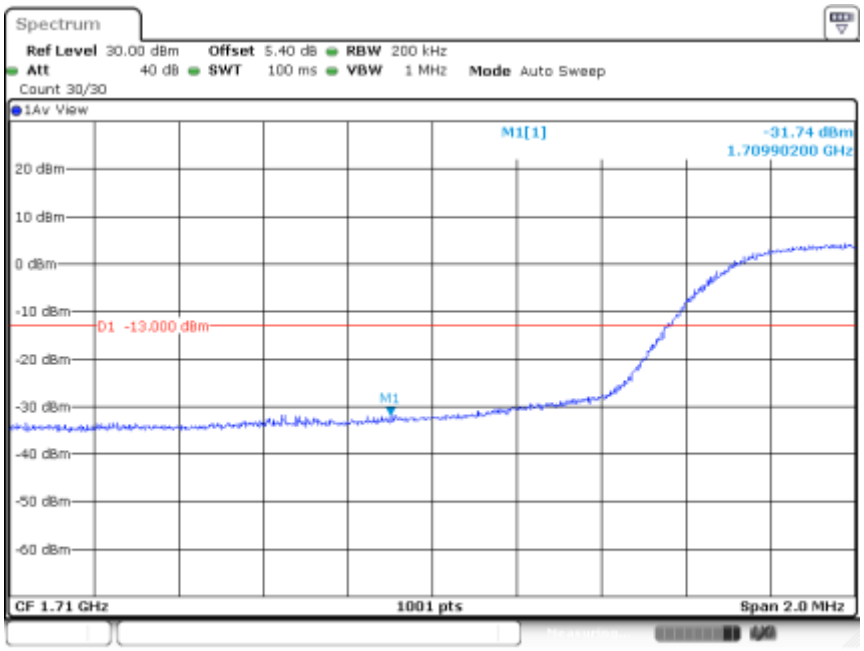
Date: 11.OCT.2020 19:13:42

Band4-15MHz-16QAM-20025-1RB#0

Date: 11.OCT.2020 19:12:11

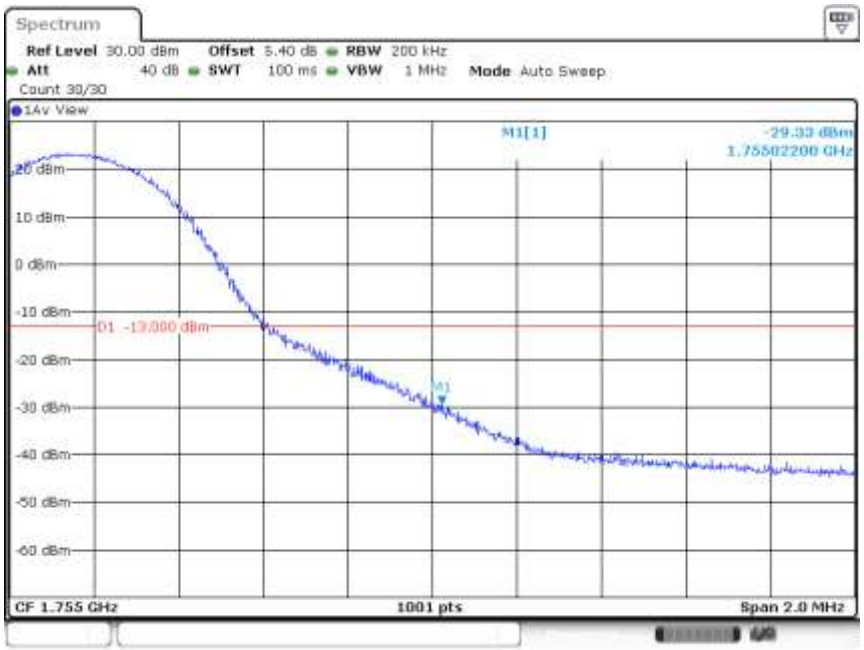
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-15MHz-16QAM-20025-75RB#0



Date: 11.OCT.2020 19:12:44

Band4-15MHz-16QAM-20325-1RB#74

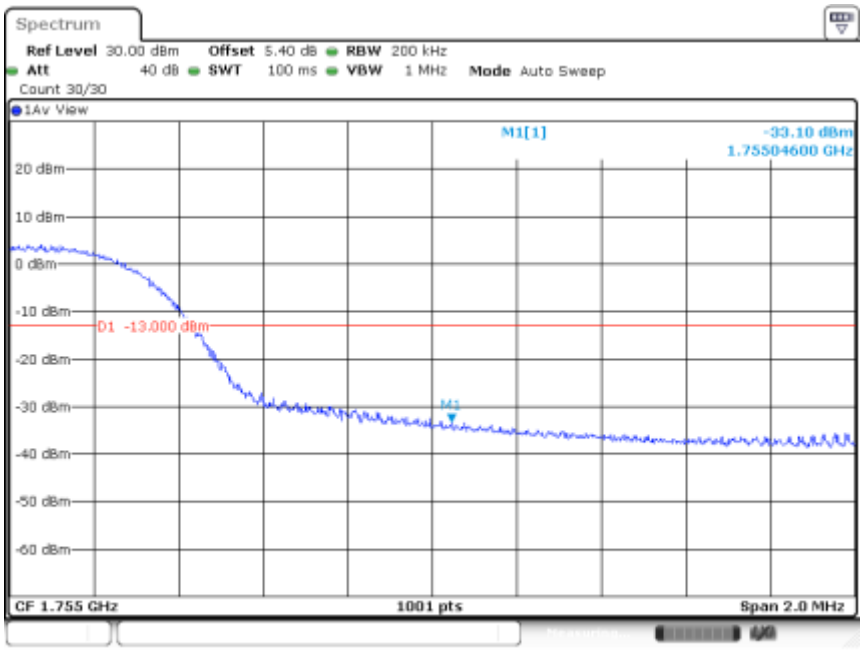


Date: 11.OCT.2020 19:13:26

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band4-15MHz-16QAM-20325-75RB#0



Date: 11.OCT.2020 19:13:59

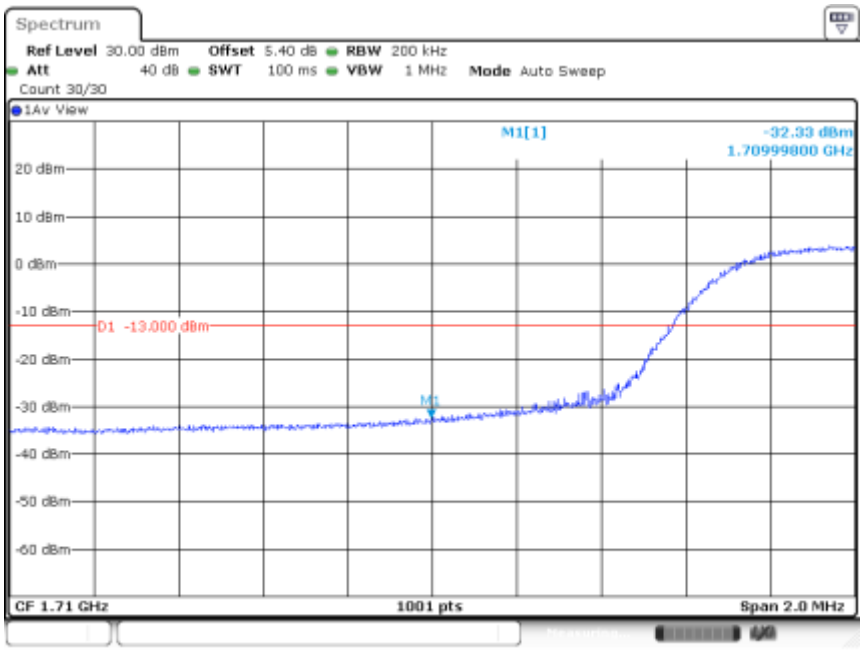
Band4-15MHz-64QAM-20025-1RB#0

Date: 14.OCT.2020 10:50:53

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

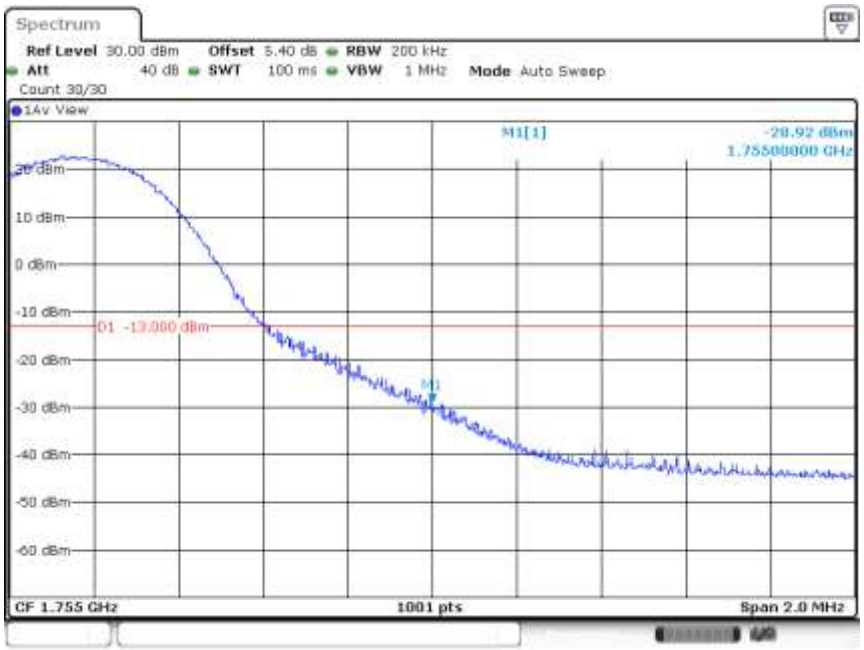
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-15MHz-64QAM-20025-75RB#0



Date: 14.OCT.2020 10:51:09

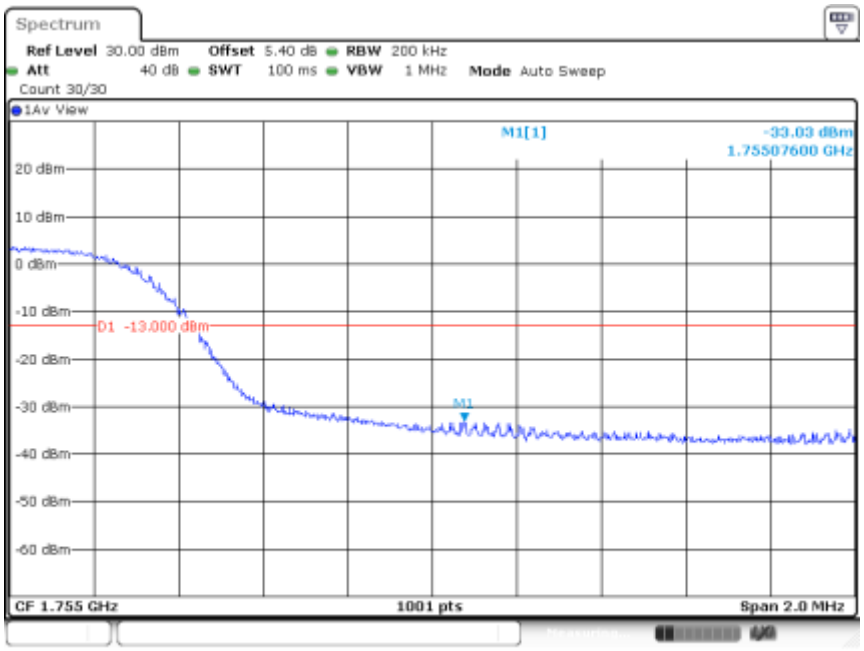
Band4-15MHz-64QAM-20325-1RB#74



Date: 14.OCT.2020 10:51:34

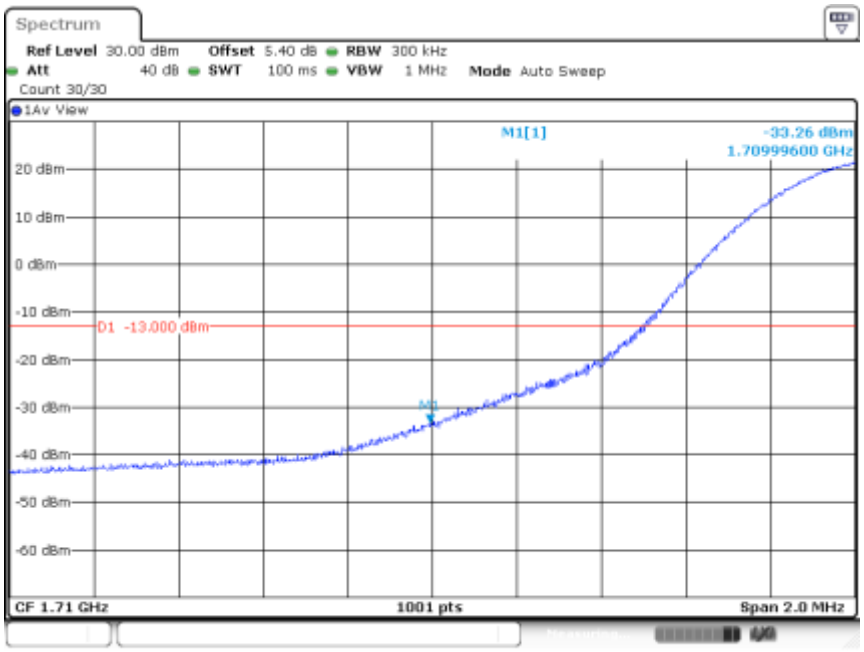
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4-15MHz-64QAM-20325-75RB#0



Date: 14.OCT.2020 10:51:51

Band4-20MHz-QPSK-20050-1RB#0

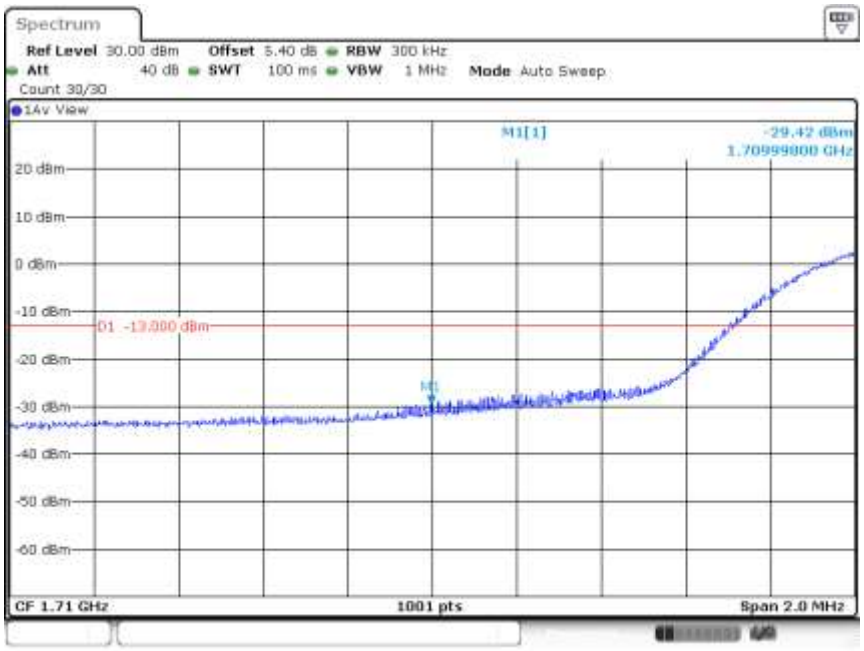


Date: 11.OCT.2020 19:14:23

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

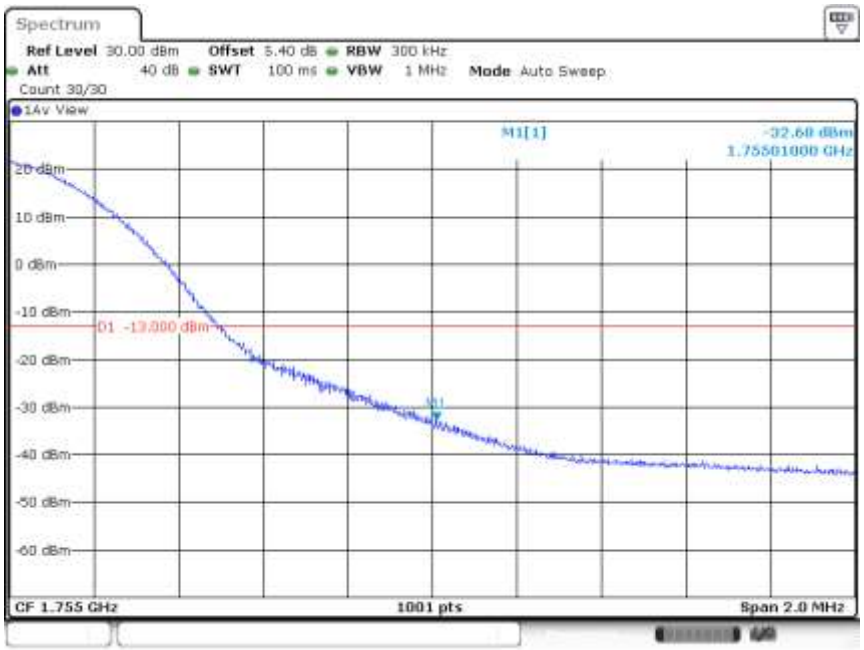
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-20MHz-QPSK-20050-100RB#0



Date: 11.OCT.2020 19:14:57

Band4-20MHz-QPSK-20300-1RB#99

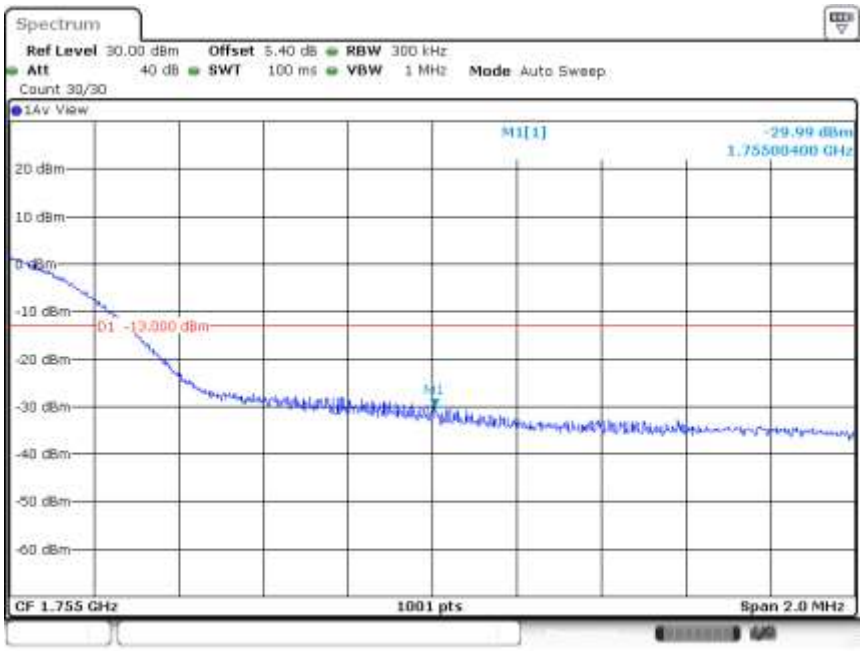


Date: 11.OCT.2020 19:15:38

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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

Band4-20MHz-QPSK-20300-100RB#0



Date: 11.OCT.2020 19:16:11

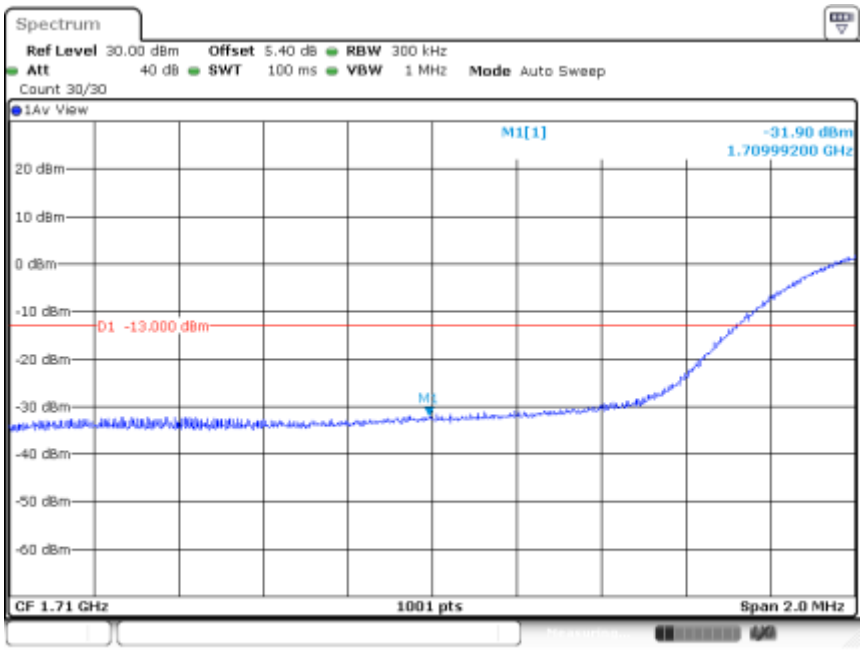
Band4-20MHz-16QAM-20050-1RB#0

Date: 11.OCT.2020 19:14:40

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

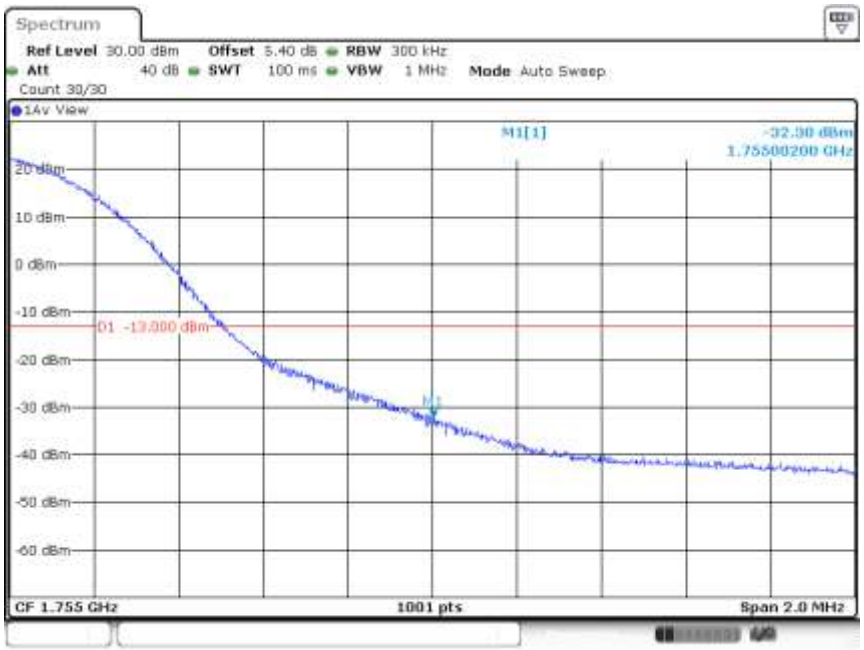
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-20MHz-16QAM-20050-100RB#0



Date: 11.OCT.2020 19:15:13

Band4-20MHz-16QAM-20300-1RB#99

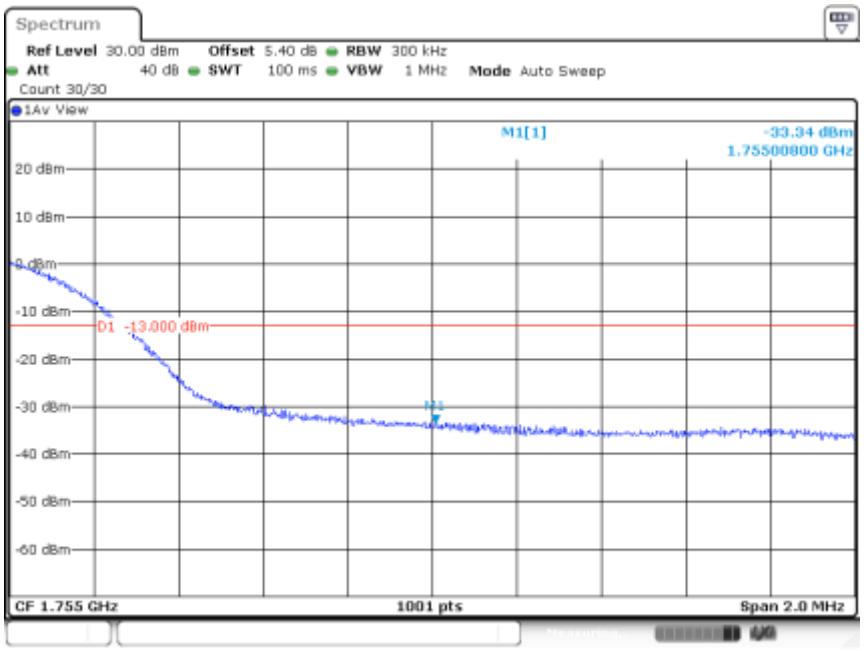


Date: 11.OCT.2020 19:15:55

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

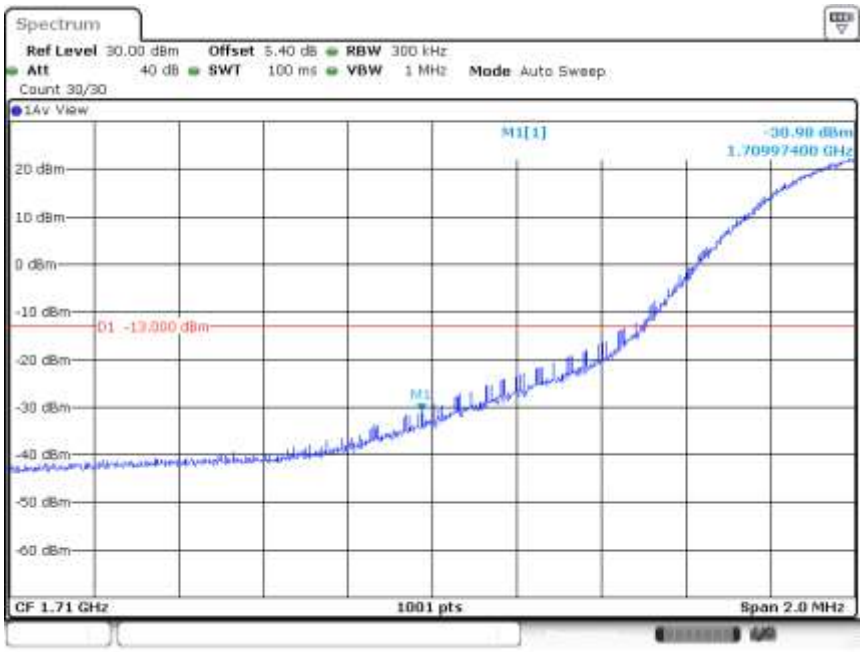
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-20MHz-16QAM-20300-100RB#0



Date: 11.OCT.2020 19:16:28

Band4-20MHz-64QAM-20050-1RB#0

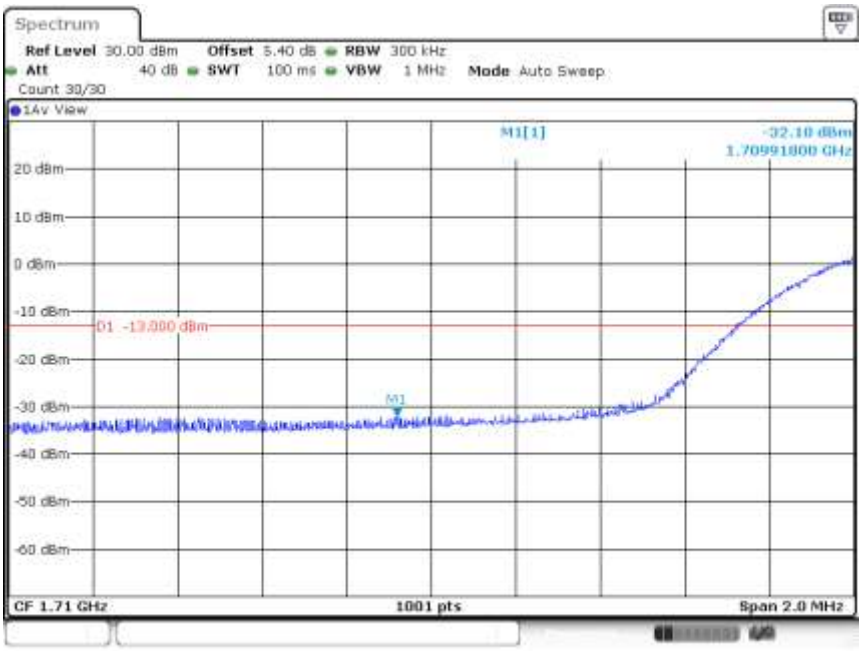


Date: 14.OCT.2020 10:52:19

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

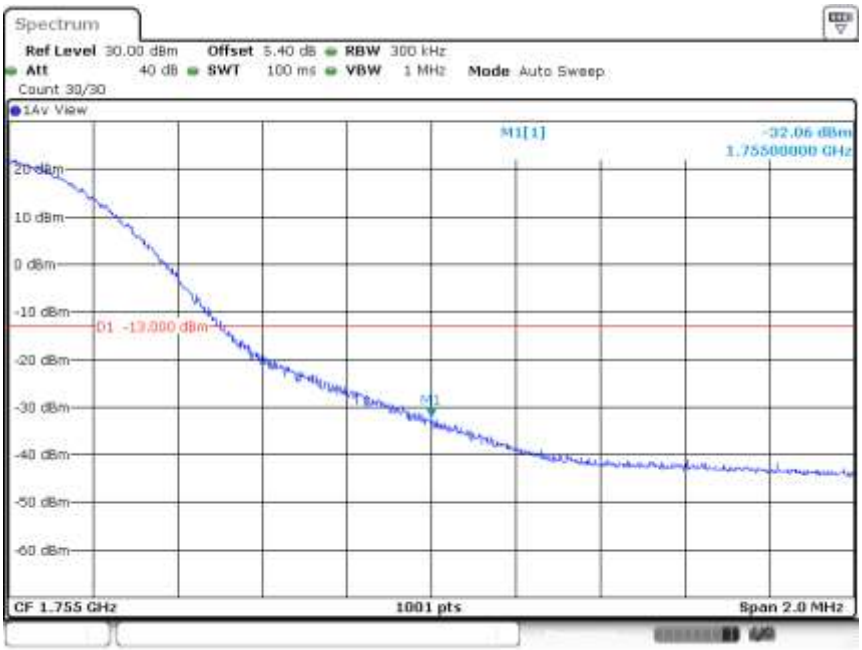
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band4-20MHz-64QAM-20050-100RB#0



Date: 14.OCT.2020 10:52:35

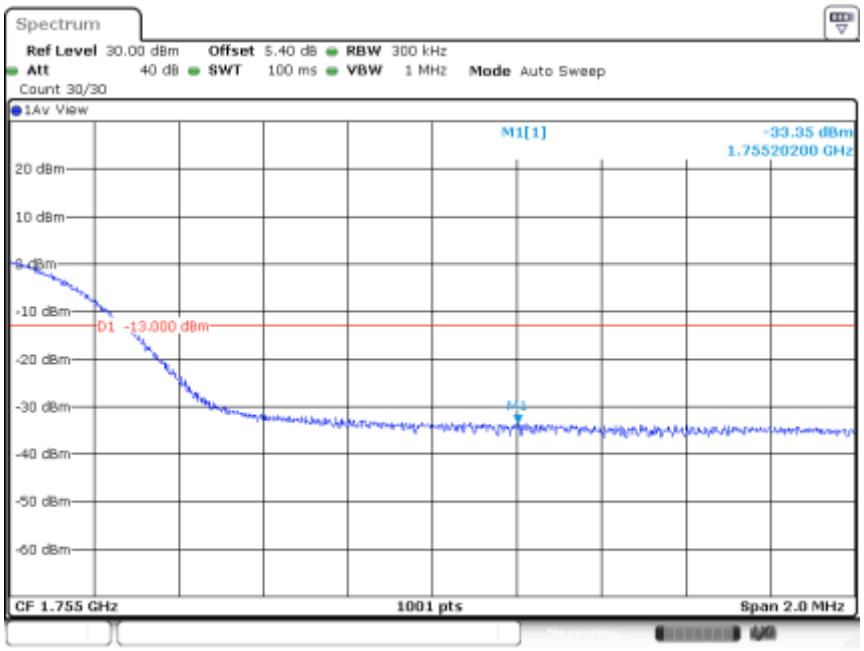
Band4-20MHz-64QAM-20300-1RB#99



Date: 14.OCT.2020 10:53:01

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20300-100RB#0



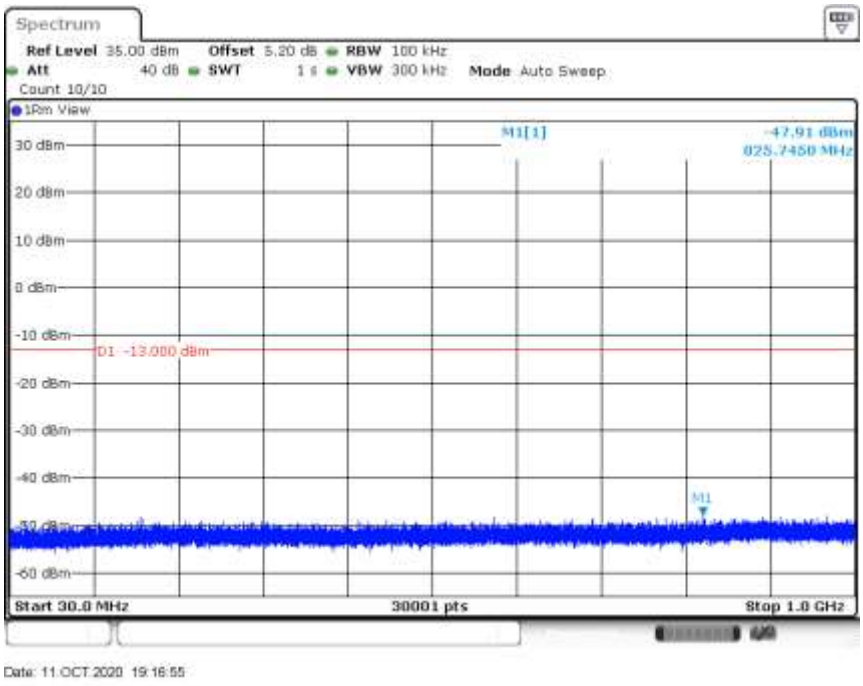
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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.

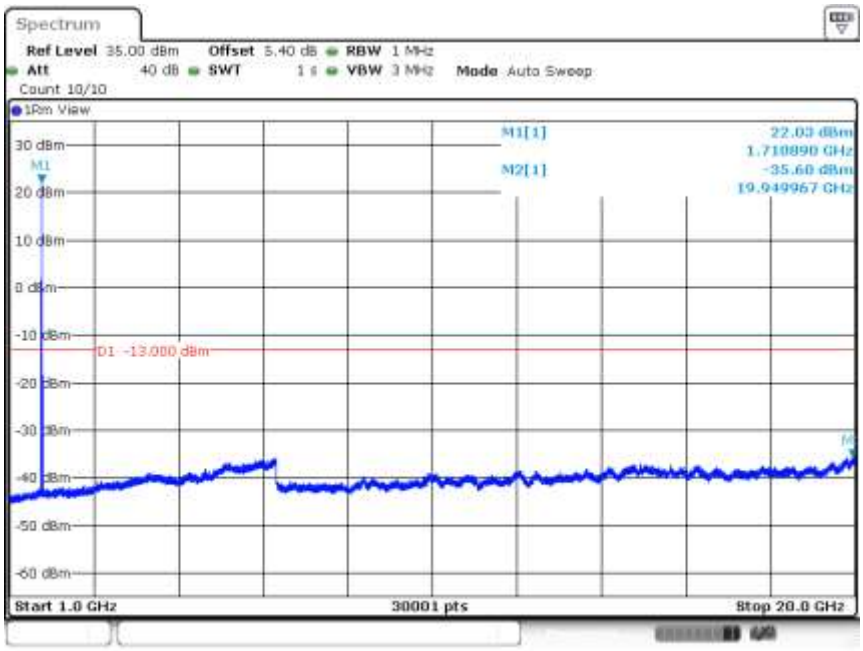
Remark2: only the worst case data displayed in this report.

6.1 Test Plots

Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz


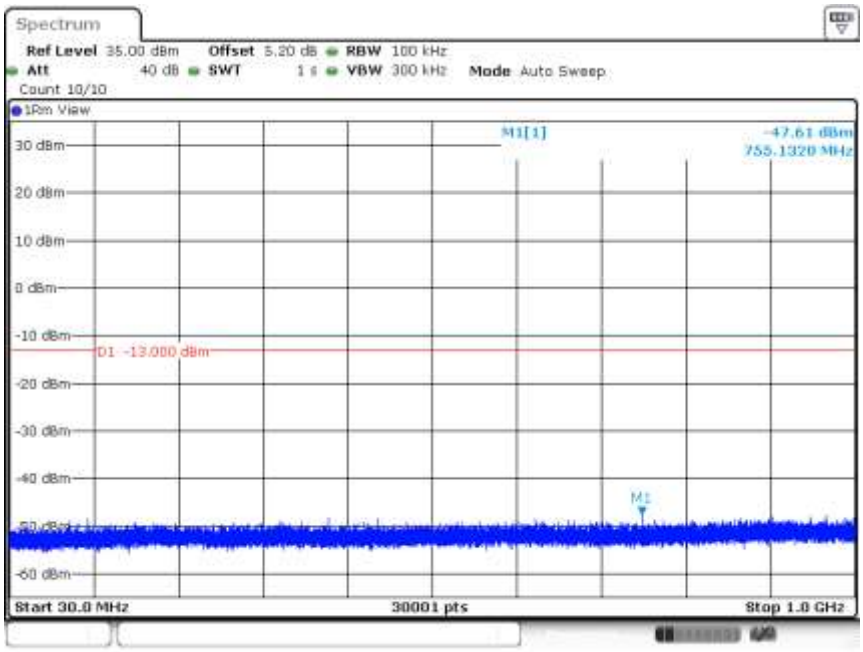
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:17:13

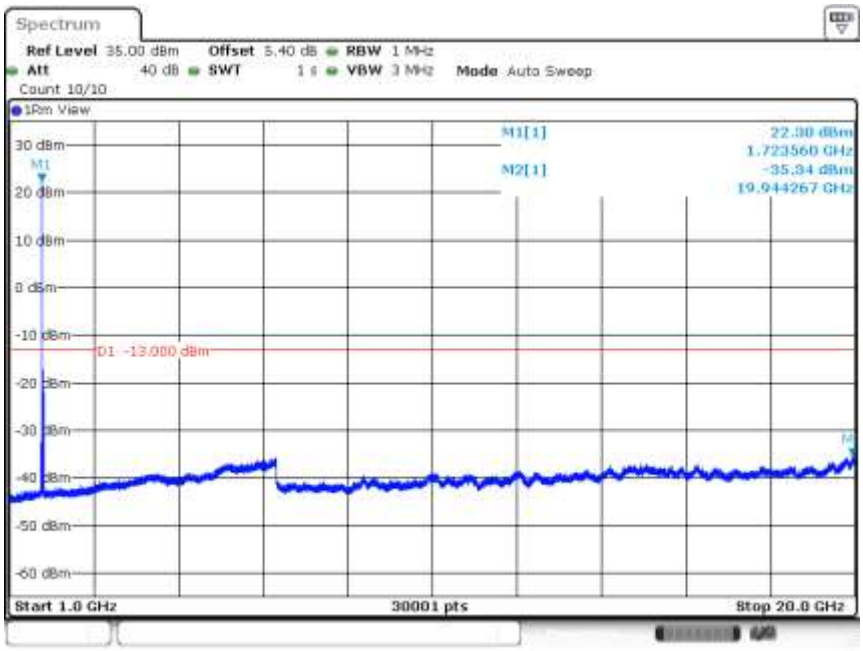
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



Date: 11.OCT.2020 19:18:14

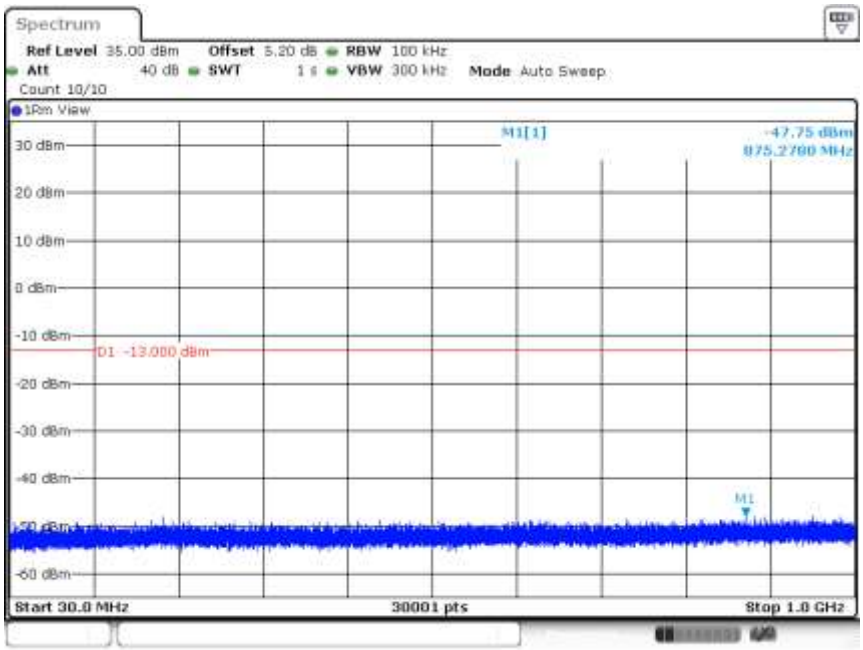
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:18:31

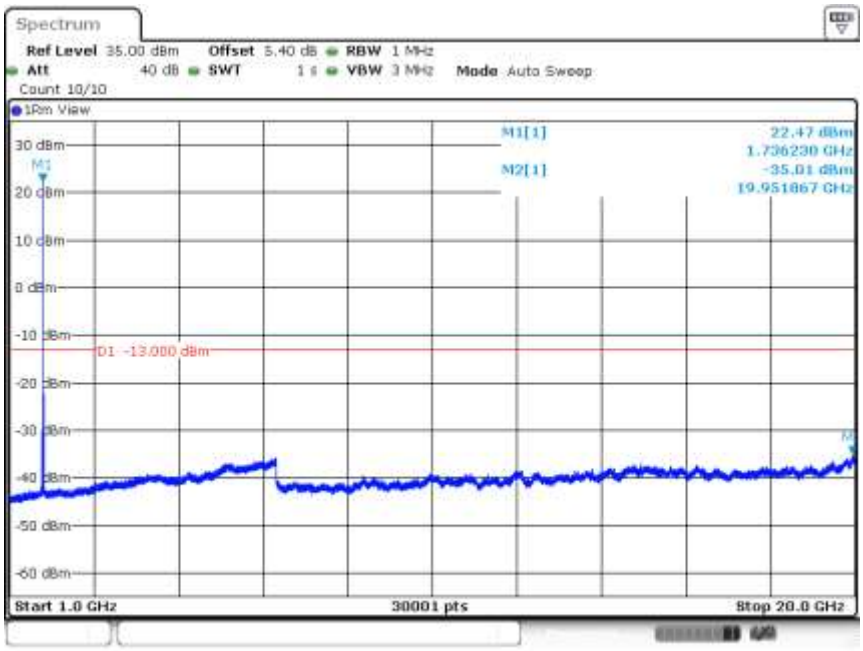
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



Date: 11.OCT.2020 19:19:32

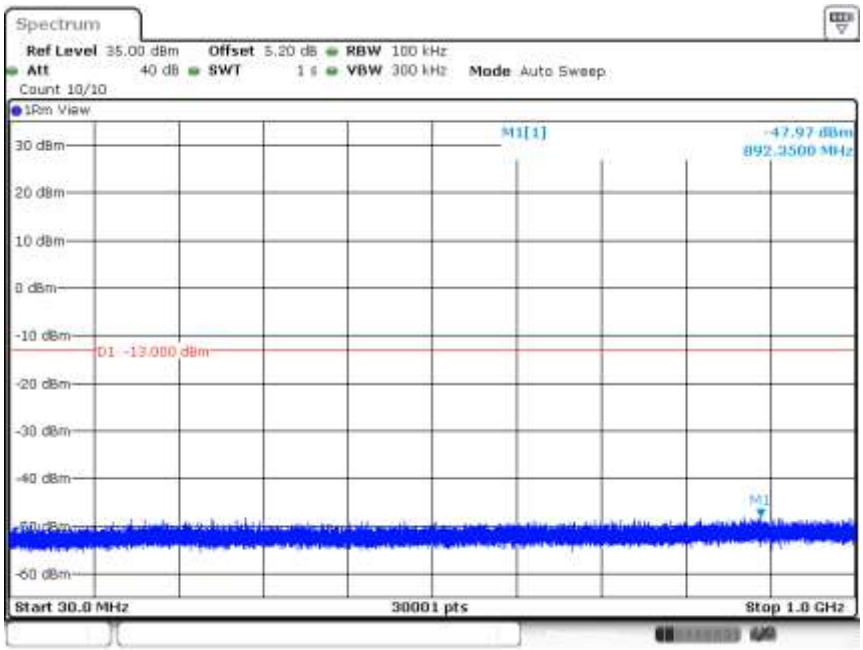
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



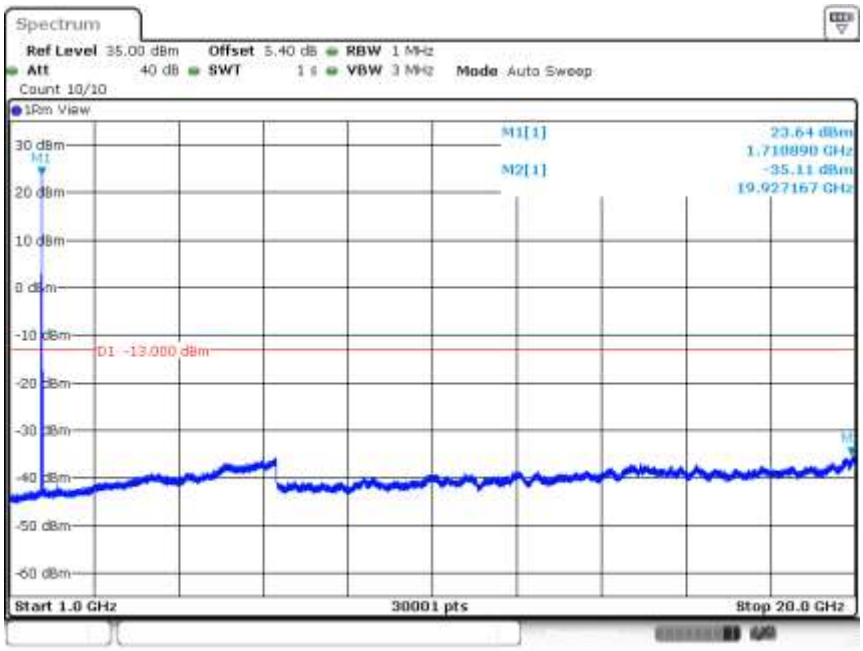
Date: 11.OCT.2020 19:19:49

Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz

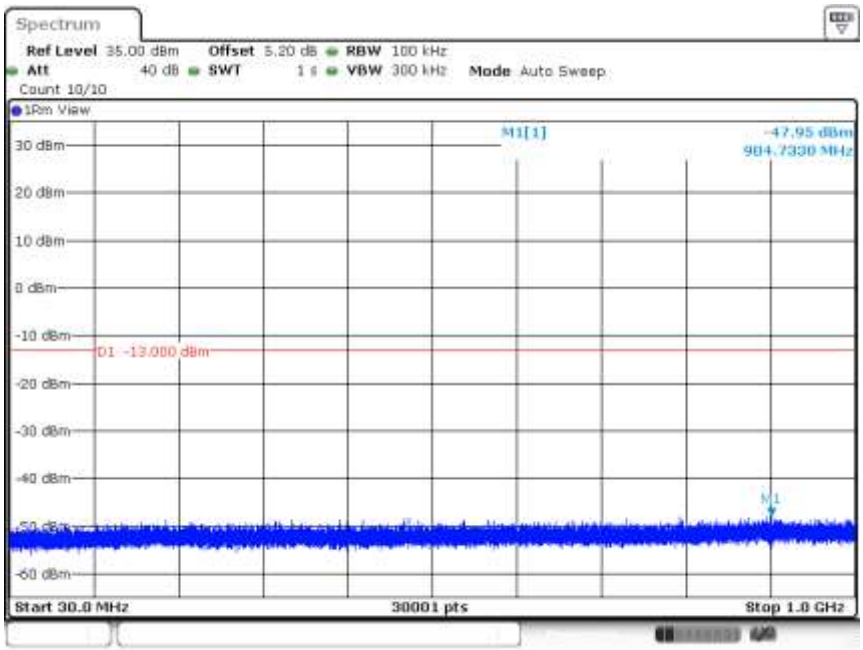


Date: 11.OCT.2020 19:17:35

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

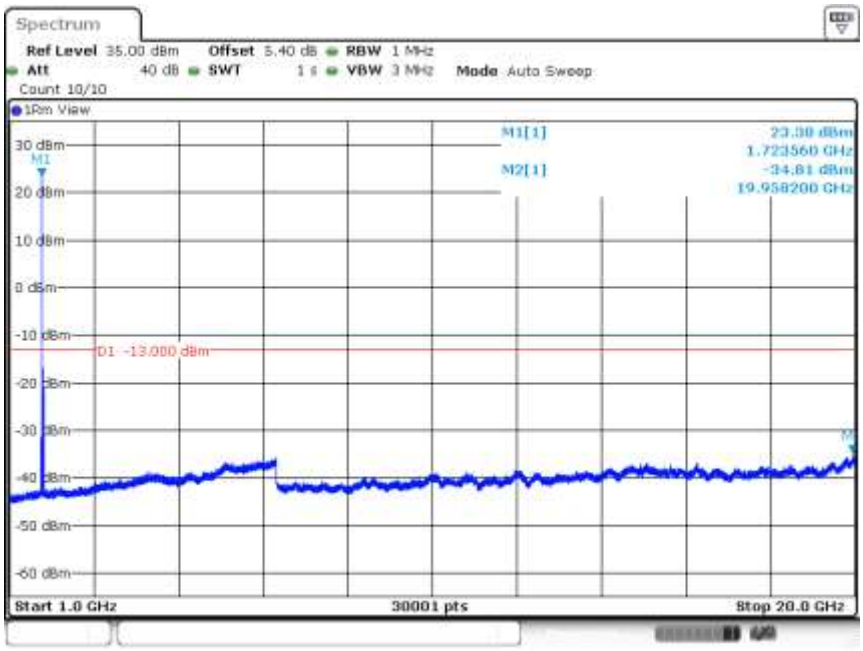
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz


Date: 11.OCT.2020 19:17:52

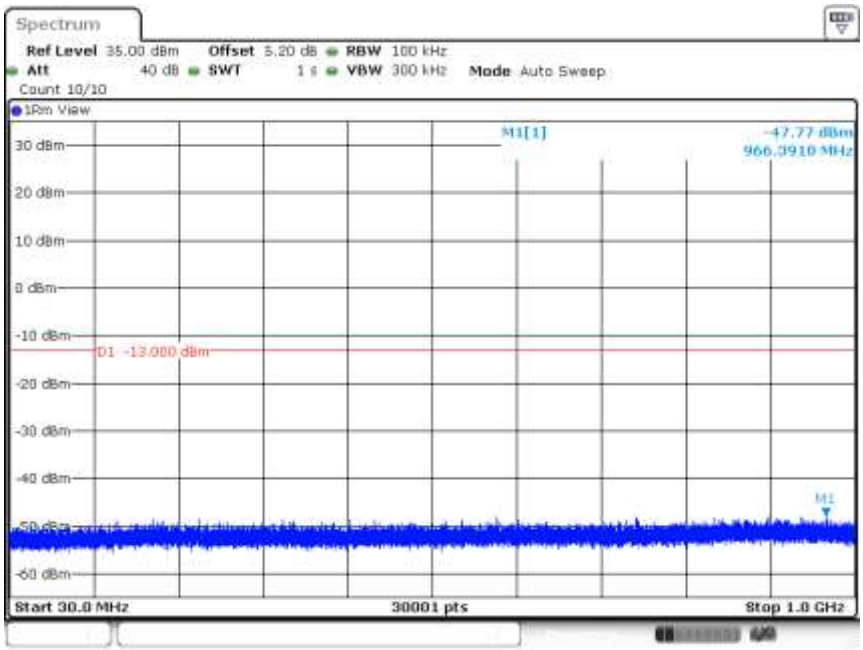
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz


Date: 11.OCT.2020 19:18:53

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz


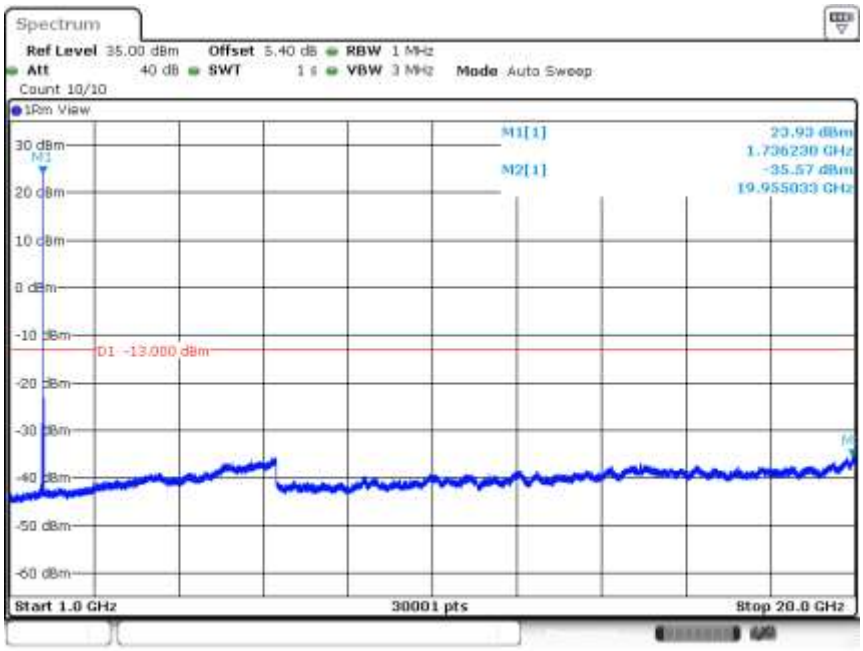
Date: 11.OCT.2020 19:19:10

Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz


Date: 11.OCT.2020 19:20:11

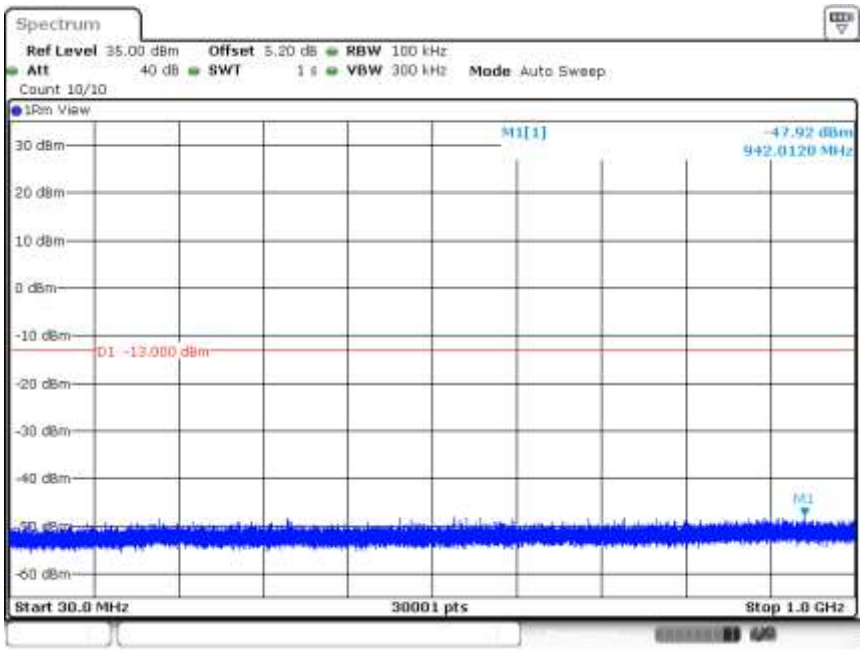
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-16QAM-20300-1RB#0-Range2:1000~20000MHz



Date: 11.OCT.2020 19:20:28

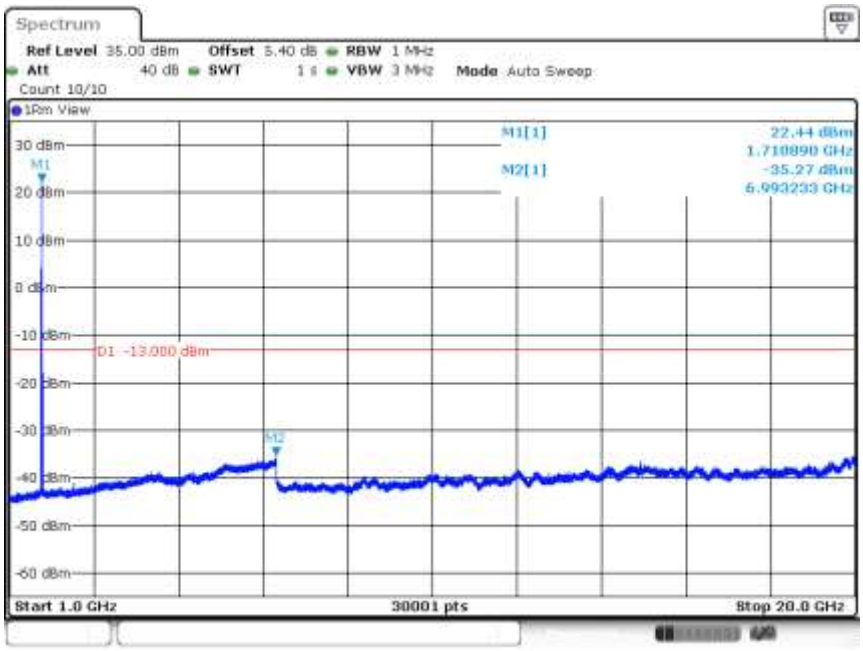
Band4-20MHz-64QAM-20050-1RB#0-Range1:30~1000MHz



Date: 14.OCT.2020 10:53:45

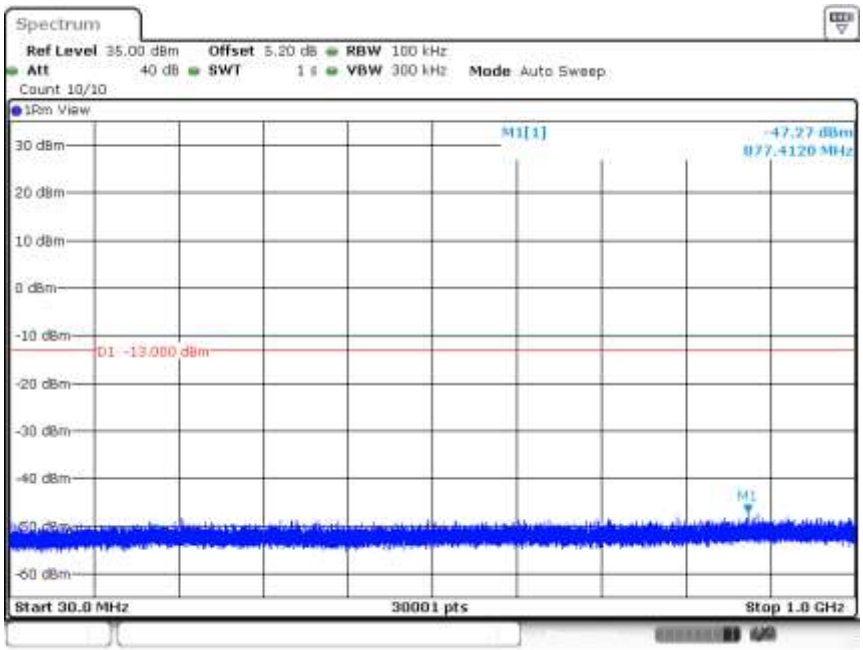
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20050-1RB#0-Range2:1000~20000MHz



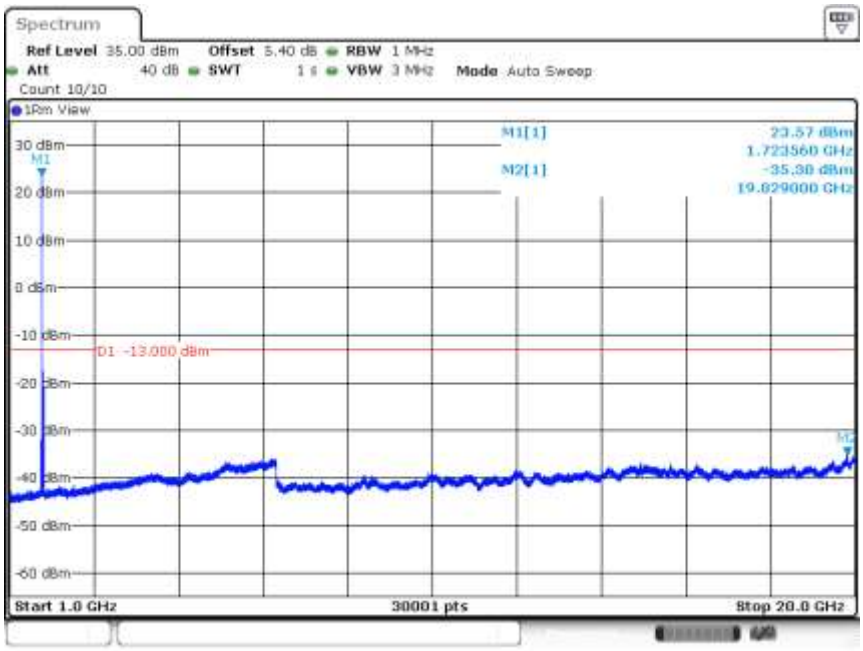
Date: 14.OCT.2020 10:54:02

Band4-20MHz-64QAM-20175-1RB#0-Range1:30~1000MHz

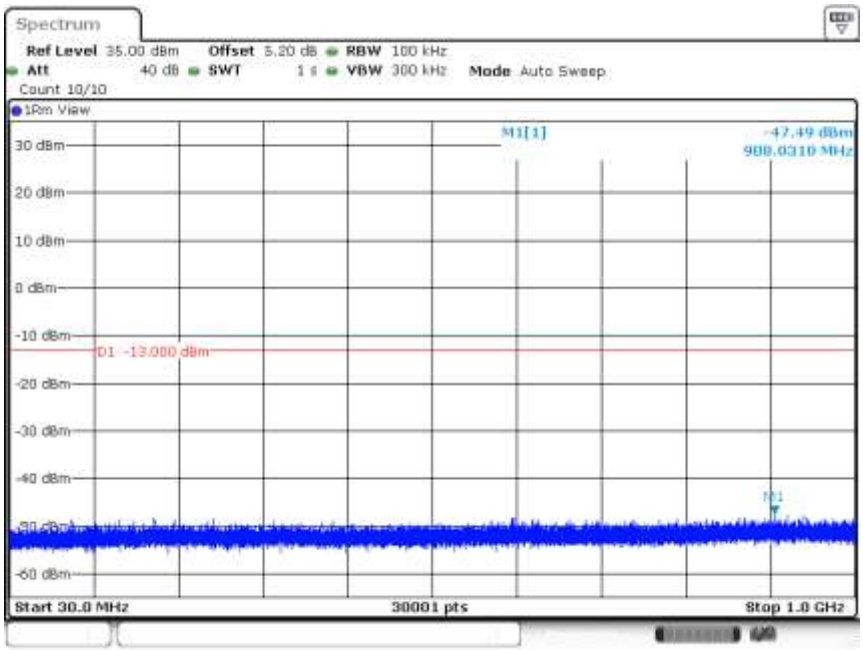


Date: 14.OCT.2020 10:54:24

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 http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20175-1RB#0-Range2:1000~20000MHz


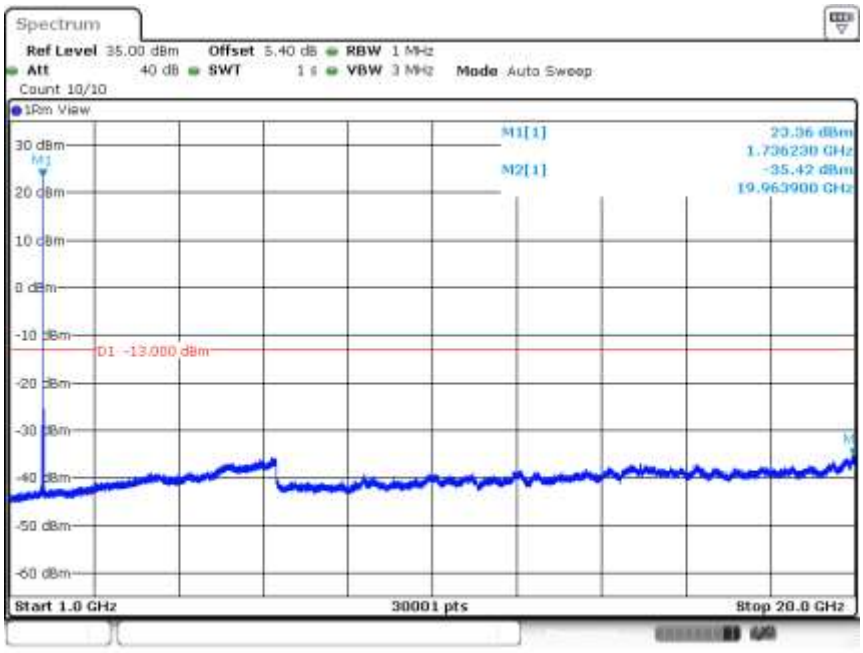
Date: 14.OCT.2020 10:54:41

Band4-20MHz-64QAM-20300-1RB#0-Range1:30~1000MHz


Date: 14.OCT.2020 10:56:03

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4-20MHz-64QAM-20300-1RB#0-Range2:1000~20000MHz



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

7 Field Strength of Spurious Radiation

7.1 Test Mode =LTE/TM1 20MHz(Ant1)

7.1.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.1455	-75.41	-13.00	62.41	Vertical
111.4841	-65.23	-13.00	52.23	Vertical
449.7885	-67.58	-13.00	54.58	Vertical
3422.0141	-61.90	-13.00	48.90	Vertical
7414.6472	-56.37	-13.00	43.37	Vertical
17999.5000	-40.72	-13.00	27.72	Vertical
46.2483	-64.10	-13.00	51.10	Horizontal
104.6937	-75.91	-13.00	62.91	Horizontal
238.1239	-68.68	-13.00	55.68	Horizontal
3640.5214	-61.33	-13.00	48.33	Horizontal
7450.6484	-56.61	-13.00	43.61	Horizontal
16400.4467	-43.11	-13.00	30.11	Horizontal

7.1.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9700	-75.33	-13.00	62.33	Vertical
114.8307	-65.35	-13.00	52.35	Vertical
369.6140	-68.25	-13.00	55.25	Vertical
3733.5245	-62.35	-13.00	49.35	Vertical
7349.6450	-56.31	-13.00	43.31	Vertical
17997.9999	-40.46	-13.00	27.46	Vertical
43.1927	-64.97	-13.00	51.97	Horizontal
78.1144	-76.38	-13.00	63.38	Horizontal
228.5204	-68.88	-13.00	55.88	Horizontal
3630.0210	-61.14	-13.00	48.14	Horizontal
7459.1486	-56.76	-13.00	43.76	Horizontal
16394.4465	-44.04	-13.00	31.04	Horizontal

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

7.1.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.2611	-75.84	-13.00	62.84	Vertical
112.1631	-64.95	-13.00	51.95	Vertical
348.5639	-68.34	-13.00	55.34	Vertical
3573.0191	-62.25	-13.00	49.25	Vertical
7404.1468	-56.18	-13.00	43.18	Vertical
17999.0000	-40.61	-13.00	27.61	Vertical
39.3610	-64.15	-13.00	51.15	Horizontal
89.5125	-76.38	-13.00	63.38	Horizontal
230.4120	-68.87	-13.00	55.87	Horizontal
3637.5213	-61.26	-13.00	48.26	Horizontal
7338.1446	-57.00	-13.00	44.00	Horizontal
16387.9463	-43.65	-13.00	30.65	Horizontal

7.2 Test Mode =LTE/TM1 20MHz(Ant2)

7.2.1 Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3581	-75.20	-13.00	62.20	Vertical
115.2673	-65.97	-13.00	52.97	Vertical
519.8260	-66.86	-13.00	53.86	Vertical
3742.0247	-61.97	-13.00	48.97	Vertical
7358.6453	-55.90	-13.00	42.90	Vertical
17996.4999	-40.37	-13.00	27.37	Vertical
43.2897	-63.59	-13.00	50.59	Horizontal
98.6794	-75.59	-13.00	62.59	Horizontal
239.0940	-68.86	-13.00	55.86	Horizontal
3655.0218	-61.40	-13.00	48.40	Horizontal
7394.1465	-56.39	-13.00	43.39	Horizontal
16394.9465	-42.74	-13.00	29.74	Horizontal

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

7.2.2 Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.0775	-64.71	-13.00	51.71	Vertical
597.4784	-64.59	-13.00	51.59	Vertical
2699.5399	-36.91	-13.00	23.91	Vertical
7342.1447	-56.23	-13.00	43.23	Vertical
14479.8827	-48.05	-13.00	35.05	Vertical
17998.5000	-40.48	-13.00	27.48	Vertical
45.0843	-64.57	-13.00	51.57	Horizontal
242.4406	-69.09	-13.00	56.09	Horizontal
631.4301	-63.51	-13.00	50.51	Horizontal
2709.1418	-35.66	-13.00	22.66	Horizontal
7360.6454	-56.90	-13.00	43.90	Horizontal
16400.4467	-43.82	-13.00	30.82	Horizontal

7.2.3 Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
30.9215	-75.37	-13.00	62.37	Vertical
114.3457	-65.09	-13.00	52.09	Vertical
302.4866	-69.70	-13.00	56.70	Vertical
5111.5704	-62.11	-13.00	49.11	Vertical
7403.6468	-56.37	-13.00	43.37	Vertical
17996.4999	-40.39	-13.00	27.39	Vertical
44.5022	-64.19	-13.00	51.19	Horizontal
81.3641	-75.62	-13.00	62.62	Horizontal
247.7759	-68.57	-13.00	55.57	Horizontal
3632.5211	-61.52	-13.00	48.52	Horizontal
7368.1456	-56.84	-13.00	43.84	Horizontal
16389.9463	-44.14	-13.00	31.14	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

8 Frequency Stability

8.1 Frequency Vs Voltage

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	VL	NT	7.50	0.004360	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VN	NT	1.10	0.000640	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	VH	NT	0.80	0.000465	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VL	NT	3.60	0.002078	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VN	NT	1.30	0.000750	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	VH	NT	-1.30	-0.000750	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VL	NT	-1.00	-0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VN	NT	1.00	0.000573	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	VH	NT	0.80	0.000458	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VL	NT	3.90	0.002267	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VN	NT	1.40	0.000814	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	VH	NT	1.90	0.001105	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VL	NT	3.30	0.001905	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VN	NT	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	VH	NT	1.60	0.000924	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VL	NT	-2.60	-0.001490	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VN	NT	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	VH	NT	1.60	0.000917	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VL	NT	2.40	0.001395	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VN	NT	0.10	0.000058	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	VH	NT	2.70	0.001570	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VL	NT	3.00	0.001732	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VN	NT	0.90	0.000519	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	VH	NT	3.60	0.002078	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VL	NT	-4.80	-0.002751	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VN	NT	-2.20	-0.001261	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	VH	NT	-5.50	-0.003152	±2.5	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

8.2 Frequency Vs Temperature

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	NV	-30	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-20	2.10	0.001221	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	-10	2.80	0.001628	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	0	2.00	0.001163	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	10	4.80	0.002791	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	20	3.00	0.001744	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	30	0.20	0.000116	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	40	1.90	0.001105	±2.5	PASS
Band4	20MHz	QPSK	20050	100RB#0	NV	50	3.10	0.001802	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-30	-1.00	-0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-20	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	-10	1.00	0.000577	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	0	1.70	0.000981	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	10	-0.70	-0.000404	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	20	0.30	0.000173	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	30	1.40	0.000808	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	40	2.60	0.001501	±2.5	PASS
Band4	20MHz	QPSK	20175	100RB#0	NV	50	3.40	0.001962	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-30	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-20	-2.70	-0.001547	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	-10	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	0	-3.30	-0.001891	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	10	-0.70	-0.000401	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	20	-1.90	-0.001089	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	30	0.00	0.000000	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	40	-1.20	-0.000688	±2.5	PASS
Band4	20MHz	QPSK	20300	100RB#0	NV	50	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-30	3.10	0.001802	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-20	3.70	0.002151	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	-10	-0.70	-0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	0	2.90	0.001686	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	10	6.20	0.003605	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	20	3.60	0.002093	±2.5	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
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
Member of the SGS Group (SGS SA)

Band4	20MHz	16QAM	20050	100RB#0	NV	30	-0.30	-0.000174	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	40	0.70	0.000407	±2.5	PASS
Band4	20MHz	16QAM	20050	100RB#0	NV	50	3.30	0.001919	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-30	1.00	0.000577	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-20	2.80	0.001616	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	-10	-0.90	-0.000519	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	0	2.40	0.001385	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	10	1.90	0.001097	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	20	-0.50	-0.000289	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	30	4.50	0.002597	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	40	0.20	0.000115	±2.5	PASS
Band4	20MHz	16QAM	20175	100RB#0	NV	50	1.80	0.001039	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-30	-2.50	-0.001433	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-20	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	-10	-1.70	-0.000974	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	0	-2.40	-0.001375	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	10	-3.70	-0.002120	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	30	1.30	0.000745	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	40	-2.30	-0.001318	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	50	-1.80	-0.001032	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-30	4.40	0.002558	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-20	-1.30	-0.000756	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	-10	3.20	0.001860	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	0	4.10	0.002384	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	10	2.10	0.001221	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	20	2.30	0.001337	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	30	-0.20	-0.000116	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	40	2.90	0.001686	±2.5	PASS
Band4	20MHz	64QAM	20050	100RB#0	NV	50	3.90	0.002267	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-30	1.80	0.001039	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-20	1.10	0.000635	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	-10	0.60	0.000346	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	0	3.70	0.002136	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	10	2.30	0.001328	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	20	0.70	0.000404	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	30	1.30	0.000750	±2.5	PASS

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band4	20MHz	64QAM	20175	100RB#0	NV	40	-1.20	-0.000693	±2.5	PASS
Band4	20MHz	64QAM	20175	100RB#0	NV	50	2.50	0.001443	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-30	-0.80	-0.000458	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-20	-2.00	-0.001146	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	-10	0.00	0.000000	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	0	-3.10	-0.001777	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	10	-5.20	-0.002980	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	20	-0.20	-0.000115	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	30	-0.90	-0.000516	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	40	-0.40	-0.000229	±2.5	PASS
Band4	20MHz	64QAM	20300	100RB#0	NV	50	-2.60	-0.001490	±2.5	PASS

The End

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.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