



Appendix B

E-UTRA Band 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-Documents.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
1.1. TEST RESULT	4
2. PEAK-TO-AVERAGE RATIO(CCDF).....	11
2.1. TEST RESULT	11
2.2. TEST PLOTS	11
3. MODULATION CHARACTERISTICS	15
3.1. TEST BAND = LTE BAND 25	15
3.2. TEST MODE = LTE /TM1 20MHZ	15
3.2.1. TEST CHANNEL = MCH	15
3.3. TEST MODE = LTE /TM2 20MHZ	16
3.3.1. TEST CHANNEL = MCH	16
3.4. TEST MODE = LTE /TM3 20MHZ	ERROR! BOOKMARK NOT DEFINED.
3.4.1. TEST CHANNEL = MCH	ERROR! BOOKMARK NOT DEFINED.
4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH	17
4.1. TEST RESULT	17
4.2. TEST PLOTS	18
5. BAND EDGE COMPLIANCE	36
5.1. TEST RESULT	ERROR! BOOKMARK NOT DEFINED.
5.2. TEST PLOTS	36
6. SPURIOUS EMISSION AT ANTENNA TERMINAL	60
6.1. TEST RESULT	ERROR! BOOKMARK NOT DEFINED.
6.2. TEST PLOTS	60
7. FIELD STRENGTH OF SPURIOUS RADIATION.....	66
7.1. TEST BAND = LTE BAND 25	66
7.1.1. TEST MODE =LTE/TM1 20MHZ.....	66
7.1.1.1. TEST CHANNEL = LCH	66
7.1.1.2. TEST CHANNEL = MCH	66
7.1.1.3. TEST CHANNEL = HCH	67



Unless otherwise agreed in writing, this document is issued by the 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-Documents.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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CSTC Laboratory)

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



8.	FREQUENCY STABILITY	68
8.1.	FREQUENCY VS VOLTAGE	68
8.2.	FREQUENCY VS TEMPERATURE	68



Unless otherwise agreed in writing, this document is issued by the 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-Documents.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

1.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band25	1.4MHz	QPSK	26047	1RB#0	23.34	28.34	33.00	PASS
Band25	1.4MHz	QPSK	26047	1RB#2	23.43	28.43	33.00	PASS
Band25	1.4MHz	QPSK	26047	1RB#5	23.35	28.35	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#0	23.51	28.51	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#1	23.69	28.69	33.00	PASS
Band25	1.4MHz	QPSK	26047	3RB#3	23.60	28.60	33.00	PASS
Band25	1.4MHz	QPSK	26047	6RB#0	22.45	27.45	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#0	23.35	28.35	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#2	23.32	28.32	33.00	PASS
Band25	1.4MHz	QPSK	26365	1RB#5	23.24	28.24	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#0	23.42	28.42	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#1	23.61	28.61	33.00	PASS
Band25	1.4MHz	QPSK	26365	3RB#3	23.56	28.56	33.00	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	22.40	27.40	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#0	23.27	28.27	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#2	23.29	28.29	33.00	PASS
Band25	1.4MHz	QPSK	26683	1RB#5	23.19	28.19	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#0	23.38	28.38	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#1	23.42	28.42	33.00	PASS
Band25	1.4MHz	QPSK	26683	3RB#3	23.30	28.30	33.00	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	22.31	27.31	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#0	22.11	27.11	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#2	22.25	27.25	33.00	PASS
Band25	1.4MHz	16QAM	26047	1RB#5	22.12	27.12	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#0	22.78	27.78	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#1	22.74	27.74	33.00	PASS
Band25	1.4MHz	16QAM	26047	3RB#3	22.54	27.54	33.00	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	21.49	26.49	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#0	22.05	27.05	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#2	22.23	27.23	33.00	PASS
Band25	1.4MHz	16QAM	26365	1RB#5	22.06	27.06	33.00	PASS
Band25	1.4MHz	16QAM	26365	3RB#0	22.66	27.66	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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-Documents.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



Band25	1.4MHz	16QAM	26365	3RB#1	22.72	27.72	33.00	PASS
Band25	1.4MHz	16QAM	26365	3RB#3	22.48	27.48	33.00	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	21.45	26.45	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#0	21.96	26.96	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#2	22.08	27.08	33.00	PASS
Band25	1.4MHz	16QAM	26683	1RB#5	21.96	26.96	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#0	22.63	27.63	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#1	22.38	27.38	33.00	PASS
Band25	1.4MHz	16QAM	26683	3RB#3	22.54	27.54	33.00	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	21.29	26.29	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#0	23.24	28.24	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#8	23.19	28.19	33.00	PASS
Band25	3MHz	QPSK	26055	1RB#14	23.32	28.32	33.00	PASS
Band25	3MHz	QPSK	26055	8RB#0	22.49	27.49	33.00	PASS
Band25	3MHz	QPSK	26055	8RB#4	22.50	27.50	33.00	PASS
Band25	3MHz	QPSK	26055	8RB#7	22.50	27.50	33.00	PASS
Band25	3MHz	QPSK	26055	15RB#0	22.49	27.49	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#0	23.38	28.38	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#8	23.38	28.38	33.00	PASS
Band25	3MHz	QPSK	26365	1RB#14	23.30	28.30	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#0	22.41	27.41	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#4	22.42	27.42	33.00	PASS
Band25	3MHz	QPSK	26365	8RB#7	22.43	27.43	33.00	PASS
Band25	3MHz	QPSK	26365	15RB#0	22.43	27.43	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#0	23.35	28.35	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#8	23.35	28.35	33.00	PASS
Band25	3MHz	QPSK	26675	1RB#14	23.16	28.16	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#0	22.46	27.46	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#4	22.40	27.40	33.00	PASS
Band25	3MHz	QPSK	26675	8RB#7	22.37	27.37	33.00	PASS
Band25	3MHz	QPSK	26675	15RB#0	22.41	27.41	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#0	22.07	27.07	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#8	22.09	27.09	33.00	PASS
Band25	3MHz	16QAM	26055	1RB#14	22.02	27.02	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#0	21.28	26.28	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#4	21.24	26.24	33.00	PASS
Band25	3MHz	16QAM	26055	8RB#7	21.24	26.24	33.00	PASS
Band25	3MHz	16QAM	26055	15RB#0	21.61	26.61	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.sgs.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



Band25	3MHz	16QAM	26365	1RB#0	22.06	27.06	33.00	PASS
Band25	3MHz	16QAM	26365	1RB#8	22.00	27.00	33.00	PASS
Band25	3MHz	16QAM	26365	1RB#14	22.13	27.13	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#0	21.30	26.30	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#4	21.34	26.34	33.00	PASS
Band25	3MHz	16QAM	26365	8RB#7	21.38	26.38	33.00	PASS
Band25	3MHz	16QAM	26365	15RB#0	21.42	26.42	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#0	21.97	26.97	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#8	22.06	27.06	33.00	PASS
Band25	3MHz	16QAM	26675	1RB#14	22.06	27.06	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#0	21.59	26.59	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#4	21.20	26.20	33.00	PASS
Band25	3MHz	16QAM	26675	8RB#7	21.17	26.17	33.00	PASS
Band25	3MHz	16QAM	26675	15RB#0	21.43	26.43	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#0	23.23	28.23	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#12	23.54	28.54	33.00	PASS
Band25	5MHz	QPSK	26065	1RB#24	22.98	27.98	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#0	22.42	27.42	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#6	22.44	27.44	33.00	PASS
Band25	5MHz	QPSK	26065	12RB#13	22.34	27.34	33.00	PASS
Band25	5MHz	QPSK	26065	25RB#0	22.48	27.48	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#0	23.32	28.32	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#12	23.52	28.52	33.00	PASS
Band25	5MHz	QPSK	26365	1RB#24	23.20	28.20	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#0	22.38	27.38	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#6	22.38	27.38	33.00	PASS
Band25	5MHz	QPSK	26365	12RB#13	22.39	27.39	33.00	PASS
Band25	5MHz	QPSK	26365	25RB#0	22.41	27.41	33.00	PASS
Band25	5MHz	QPSK	26665	1RB#0	23.18	28.18	33.00	PASS
Band25	5MHz	QPSK	26665	1RB#12	23.38	28.38	33.00	PASS
Band25	5MHz	QPSK	26665	1RB#24	23.23	28.23	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#0	22.29	27.29	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#6	22.39	27.39	33.00	PASS
Band25	5MHz	QPSK	26665	12RB#13	22.41	27.41	33.00	PASS
Band25	5MHz	QPSK	26665	25RB#0	22.38	27.38	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#0	22.09	27.09	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#12	22.29	27.29	33.00	PASS
Band25	5MHz	16QAM	26065	1RB#24	21.96	26.96	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.sgs.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



Band25	5MHz	16QAM	26065	12RB#0	21.16	26.16	33.00	PASS
Band25	5MHz	16QAM	26065	12RB#6	21.26	26.26	33.00	PASS
Band25	5MHz	16QAM	26065	12RB#13	21.22	26.22	33.00	PASS
Band25	5MHz	16QAM	26065	25RB#0	21.34	26.34	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#0	22.04	27.04	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#12	22.31	27.31	33.00	PASS
Band25	5MHz	16QAM	26365	1RB#24	22.00	27.00	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#0	21.30	26.30	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#6	21.39	26.39	33.00	PASS
Band25	5MHz	16QAM	26365	12RB#13	21.32	26.32	33.00	PASS
Band25	5MHz	16QAM	26365	25RB#0	21.43	26.43	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#0	21.95	26.95	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#12	22.37	27.37	33.00	PASS
Band25	5MHz	16QAM	26665	1RB#24	22.00	27.00	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#0	21.28	26.28	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#6	21.31	26.31	33.00	PASS
Band25	5MHz	16QAM	26665	12RB#13	21.26	26.26	33.00	PASS
Band25	5MHz	16QAM	26665	25RB#0	21.29	26.29	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#0	23.45	28.45	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#24	23.44	28.44	33.00	PASS
Band25	10MHz	QPSK	26090	1RB#49	23.21	28.21	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#0	22.61	27.61	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#12	22.47	27.47	33.00	PASS
Band25	10MHz	QPSK	26090	25RB#25	22.34	27.34	33.00	PASS
Band25	10MHz	QPSK	26090	50RB#0	22.36	27.36	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#0	23.34	28.34	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#24	23.54	28.54	33.00	PASS
Band25	10MHz	QPSK	26365	1RB#49	23.27	28.27	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#0	22.50	27.50	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#12	22.44	27.44	33.00	PASS
Band25	10MHz	QPSK	26365	25RB#25	22.38	27.38	33.00	PASS
Band25	10MHz	QPSK	26365	50RB#0	22.48	27.48	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#0	23.39	28.39	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#24	23.33	28.33	33.00	PASS
Band25	10MHz	QPSK	26640	1RB#49	23.30	28.30	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#0	22.44	27.44	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#12	22.37	27.37	33.00	PASS
Band25	10MHz	QPSK	26640	25RB#25	22.32	27.32	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.sgs.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



Band25	10MHz	QPSK	26640	50RB#0	22.33	27.33	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#0	22.28	27.28	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#24	22.19	27.19	33.00	PASS
Band25	10MHz	16QAM	26090	1RB#49	22.11	27.11	33.00	PASS
Band25	10MHz	16QAM	26090	25RB#0	21.69	26.69	33.00	PASS
Band25	10MHz	16QAM	26090	25RB#12	21.36	26.36	33.00	PASS
Band25	10MHz	16QAM	26090	25RB#25	21.47	26.47	33.00	PASS
Band25	10MHz	16QAM	26090	50RB#0	21.34	26.34	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#0	22.18	27.18	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#24	22.21	27.21	33.00	PASS
Band25	10MHz	16QAM	26365	1RB#49	22.17	27.17	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#0	21.37	26.37	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#12	21.43	26.43	33.00	PASS
Band25	10MHz	16QAM	26365	25RB#25	21.48	26.48	33.00	PASS
Band25	10MHz	16QAM	26365	50RB#0	21.38	26.38	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#0	22.18	27.18	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#24	22.15	27.15	33.00	PASS
Band25	10MHz	16QAM	26640	1RB#49	22.23	27.23	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#0	21.39	26.39	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#12	21.34	26.34	33.00	PASS
Band25	10MHz	16QAM	26640	25RB#25	21.36	26.36	33.00	PASS
Band25	10MHz	16QAM	26640	50RB#0	21.32	26.32	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#0	23.46	28.46	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#38	23.40	28.40	33.00	PASS
Band25	15MHz	QPSK	26115	1RB#74	23.32	28.32	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#0	22.49	27.49	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#18	22.40	27.40	33.00	PASS
Band25	15MHz	QPSK	26115	36RB#39	22.44	27.44	33.00	PASS
Band25	15MHz	QPSK	26115	75RB#0	22.53	27.53	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#0	23.44	28.44	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#38	23.47	28.47	33.00	PASS
Band25	15MHz	QPSK	26365	1RB#74	23.27	28.27	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#0	22.56	27.56	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#18	22.51	27.51	33.00	PASS
Band25	15MHz	QPSK	26365	36RB#39	22.45	27.45	33.00	PASS
Band25	15MHz	QPSK	26365	75RB#0	22.45	27.45	33.00	PASS
Band25	15MHz	QPSK	26615	1RB#0	23.14	28.14	33.00	PASS
Band25	15MHz	QPSK	26615	1RB#38	23.43	28.43	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.sgs.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



Band25	15MHz	QPSK	26615	1RB#74	23.15	28.15	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#0	22.47	27.47	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#18	22.44	27.44	33.00	PASS
Band25	15MHz	QPSK	26615	36RB#39	22.32	27.32	33.00	PASS
Band25	15MHz	QPSK	26615	75RB#0	22.42	27.42	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#0	22.28	27.28	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#38	22.06	27.06	33.00	PASS
Band25	15MHz	16QAM	26115	1RB#74	22.07	27.07	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#0	21.42	26.42	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#18	21.38	26.38	33.00	PASS
Band25	15MHz	16QAM	26115	36RB#39	21.42	26.42	33.00	PASS
Band25	15MHz	16QAM	26115	75RB#0	21.60	26.60	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#0	22.20	27.20	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#38	22.13	27.13	33.00	PASS
Band25	15MHz	16QAM	26365	1RB#74	22.14	27.14	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#0	21.53	26.53	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#18	21.38	26.38	33.00	PASS
Band25	15MHz	16QAM	26365	36RB#39	21.39	26.39	33.00	PASS
Band25	15MHz	16QAM	26365	75RB#0	21.33	26.33	33.00	PASS
Band25	15MHz	16QAM	26615	1RB#0	22.15	27.15	33.00	PASS
Band25	15MHz	16QAM	26615	1RB#38	22.06	27.06	33.00	PASS
Band25	15MHz	16QAM	26615	1RB#74	22.10	27.10	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#0	21.35	26.35	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#18	21.44	26.44	33.00	PASS
Band25	15MHz	16QAM	26615	36RB#39	21.25	26.25	33.00	PASS
Band25	15MHz	16QAM	26615	75RB#0	21.30	26.30	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#0	23.48	28.48	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#49	23.51	28.51	33.00	PASS
Band25	20MHz	QPSK	26140	1RB#99	23.20	28.20	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#0	22.46	27.46	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#25	22.49	27.49	33.00	PASS
Band25	20MHz	QPSK	26140	50RB#50	22.44	27.44	33.00	PASS
Band25	20MHz	QPSK	26140	100RB#0	22.45	27.45	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#0	23.45	28.45	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#49	23.55	28.55	33.00	PASS
Band25	20MHz	QPSK	26365	1RB#99	23.19	28.19	33.00	PASS
Band25	20MHz	QPSK	26365	50RB#0	22.55	27.55	33.00	PASS
Band25	20MHz	QPSK	26365	50RB#25	22.47	27.47	33.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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.sgs.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



Band25	20MHz	QPSK	26365	50RB#50	22.41	27.41	33.00	PASS
Band25	20MHz	QPSK	26365	100RB#0	22.43	27.43	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#0	23.42	28.42	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#49	23.48	28.48	33.00	PASS
Band25	20MHz	QPSK	26590	1RB#99	23.25	28.25	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#0	22.47	27.47	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#25	22.44	27.44	33.00	PASS
Band25	20MHz	QPSK	26590	50RB#50	22.32	27.32	33.00	PASS
Band25	20MHz	QPSK	26590	100RB#0	22.43	27.43	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#0	22.32	27.32	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#49	22.18	27.18	33.00	PASS
Band25	20MHz	16QAM	26140	1RB#99	22.14	27.14	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#0	21.28	26.28	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#25	21.39	26.39	33.00	PASS
Band25	20MHz	16QAM	26140	50RB#50	21.49	26.49	33.00	PASS
Band25	20MHz	16QAM	26140	100RB#0	21.55	26.55	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#0	22.33	27.33	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#49	22.27	27.27	33.00	PASS
Band25	20MHz	16QAM	26365	1RB#99	22.05	27.05	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#0	21.45	26.45	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#25	21.43	26.43	33.00	PASS
Band25	20MHz	16QAM	26365	50RB#50	21.27	26.27	33.00	PASS
Band25	20MHz	16QAM	26365	100RB#0	21.40	26.40	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#0	22.13	27.13	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#49	22.15	27.15	33.00	PASS
Band25	20MHz	16QAM	26590	1RB#99	22.15	27.15	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#0	21.44	26.44	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#25	21.37	26.37	33.00	PASS
Band25	20MHz	16QAM	26590	50RB#50	21.41	26.41	33.00	PASS
Band25	20MHz	16QAM	26590	100RB#0	21.25	26.25	33.00	PASS

Remark:

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

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

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



Unless otherwise agreed in writing, this document is issued by the 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-Documents.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.

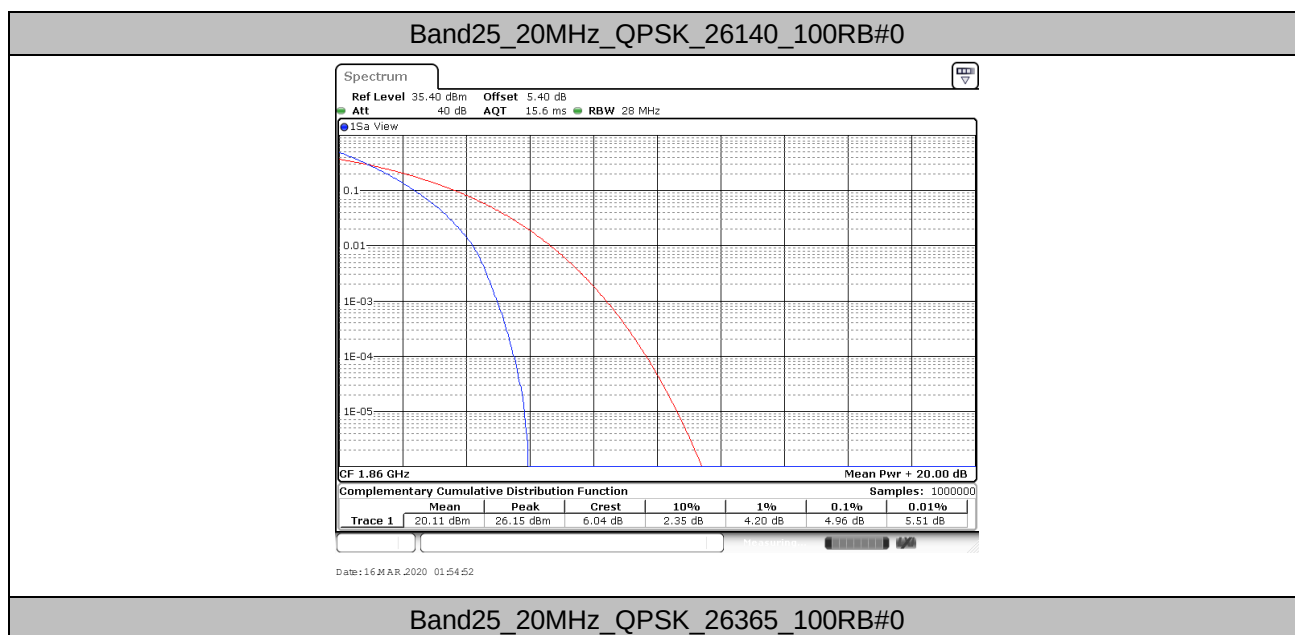
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 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

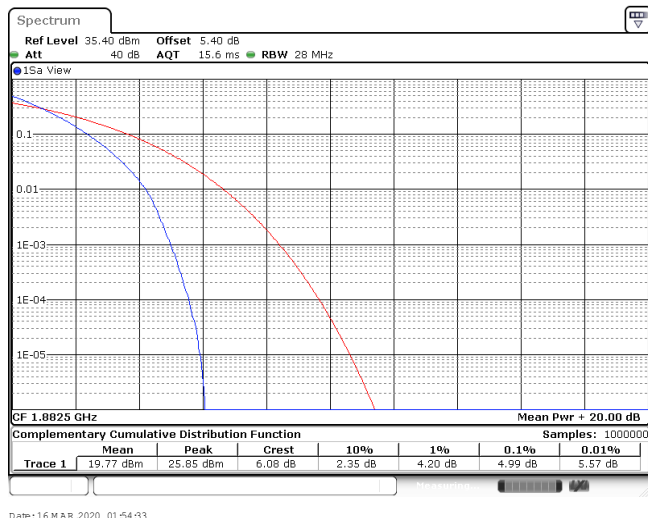
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

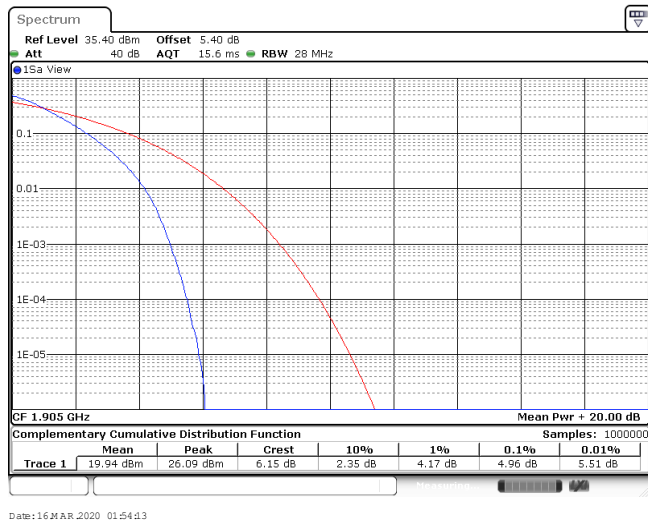
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	4.96	13.00	PASS
Band25	20MHz	QPSK	26365	100RB#0	4.99	13.00	PASS
Band25	20MHz	QPSK	26590	100RB#0	4.96	13.00	PASS
Band25	20MHz	16QAM	26140	100RB#0	5.88	13.00	PASS
Band25	20MHz	16QAM	26365	100RB#0	5.91	13.00	PASS
Band25	20MHz	16QAM	26590	100RB#0	5.88	13.00	PASS

2.2. Test Plots





Band25_20MHz_QPSK_26590_100RB#0



Band25_20MHz_16QAM_26140_100RB#0

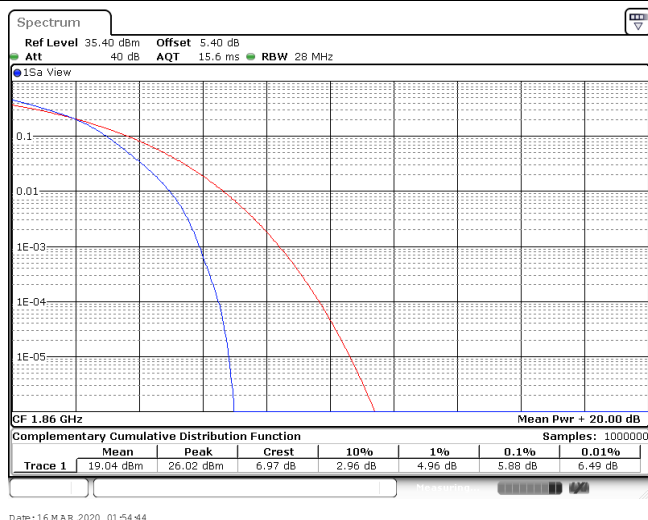


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

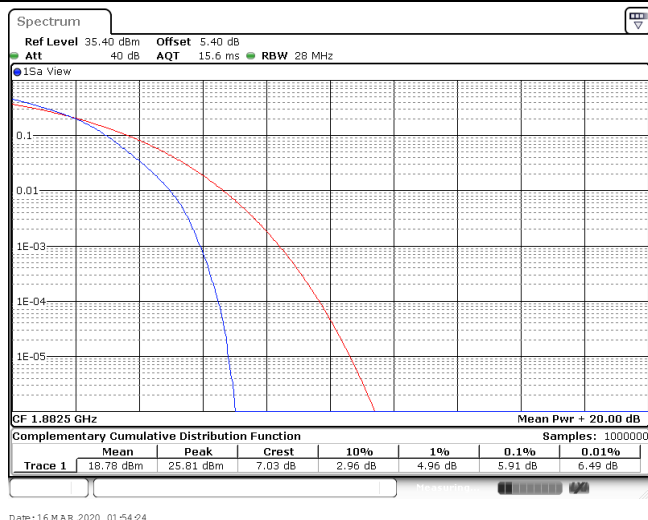
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CCC Laboratory)

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

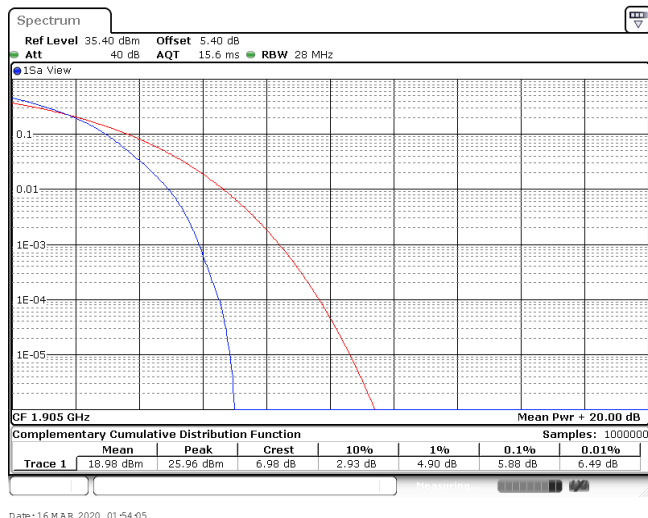


Band25_20MHz_16QAM_26365_100RB#0



Band25_20MHz_16QAM_26590_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-Documents.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.

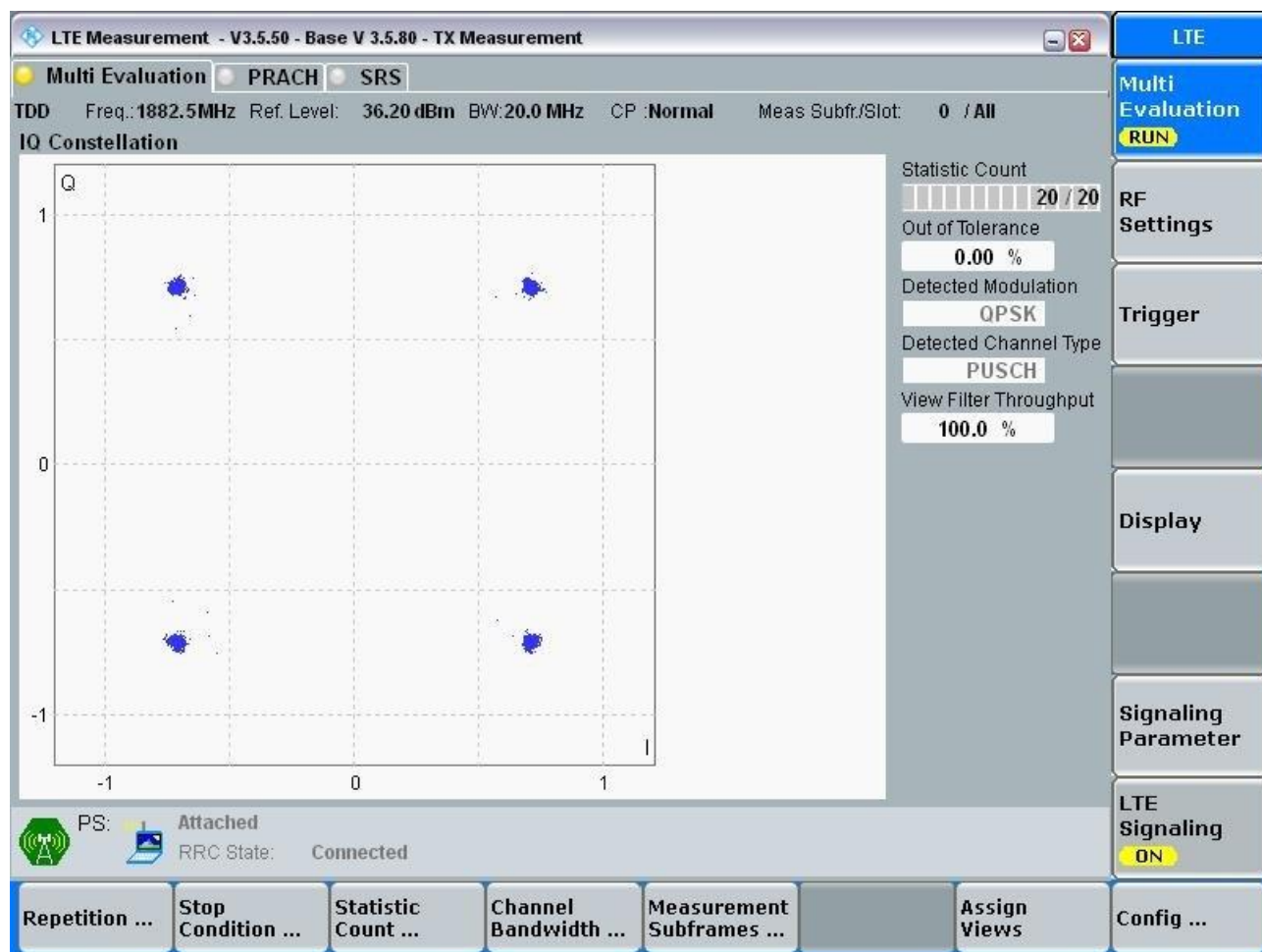
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

3. Modulation Characteristics

3.1. Test Band = LTE Band 25

3.2. Test Mode = LTE /TM1 20MHz

3.2.1. Test Channel = MCH



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center EEC Laboratory.

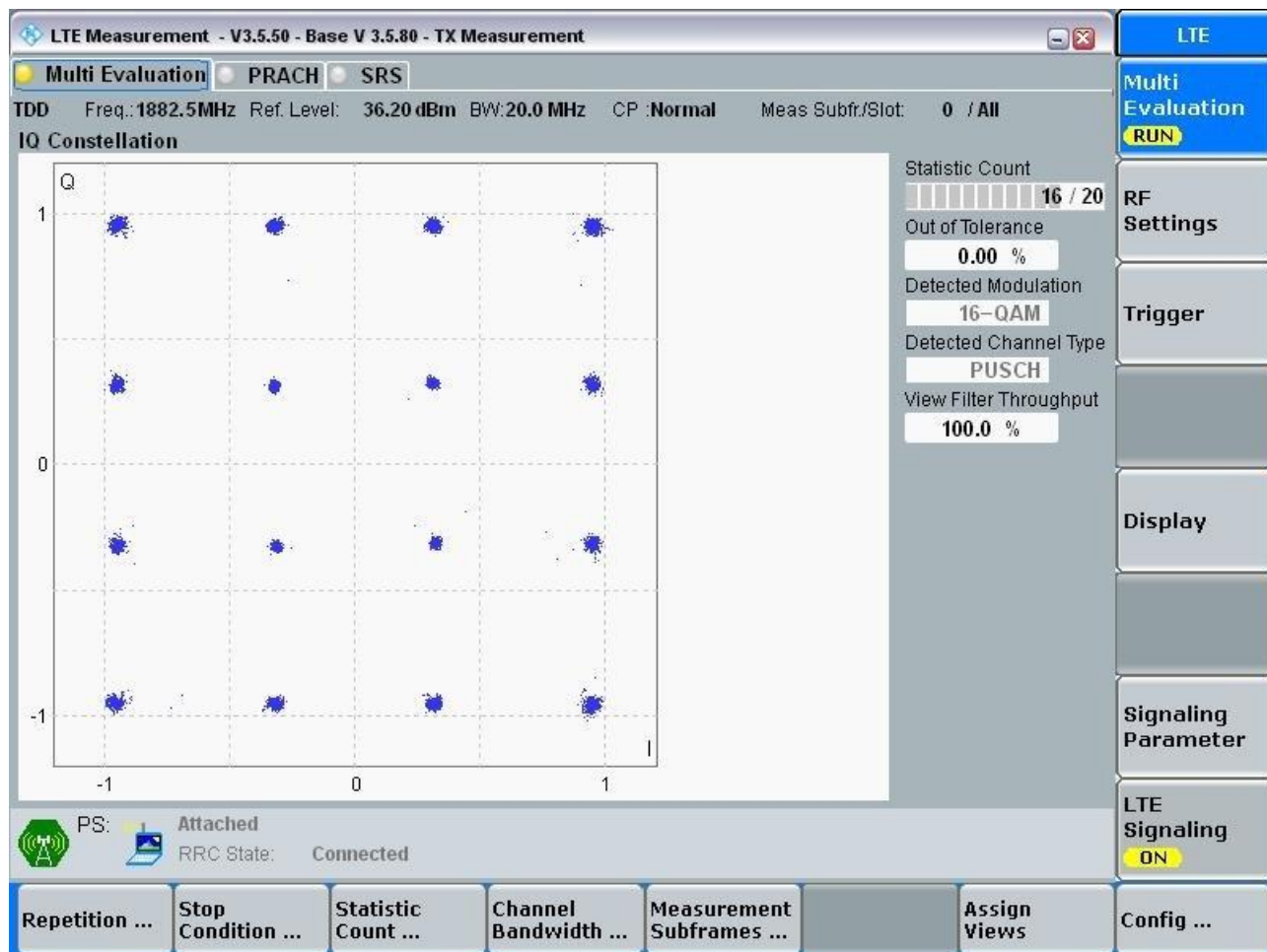
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is deemed to have read, understood and accepted the Terms and Conditions of the document and the instructions of the 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 expiration date of a sample or document is strictly prohibited. Samples and documents not otherwise stated the results shown in this test report 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

3.3. Test Mode = LTE /TM2 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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Center, CCC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057
中国·深圳·科技园中区M-10栋一号厂房

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

www.sgsgroup.com.cn
sgs.china@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
Band25	1.4MHz	QPSK	26047	6RB#0	1.094	1.290	PASS
Band25	1.4MHz	QPSK	26365	6RB#0	1.091	1.290	PASS
Band25	1.4MHz	QPSK	26683	6RB#0	1.091	1.296	PASS
Band25	1.4MHz	16QAM	26047	6RB#0	1.088	1.281	PASS
Band25	1.4MHz	16QAM	26365	6RB#0	1.088	1.284	PASS
Band25	1.4MHz	16QAM	26683	6RB#0	1.088	1.284	PASS
Band25	3MHz	QPSK	26055	15RB#0	2.697	2.994	PASS
Band25	3MHz	QPSK	26365	15RB#0	2.697	3.000	PASS
Band25	3MHz	QPSK	26675	15RB#0	2.697	2.994	PASS
Band25	3MHz	16QAM	26055	15RB#0	2.685	2.970	PASS
Band25	3MHz	16QAM	26365	15RB#0	2.685	2.970	PASS
Band25	3MHz	16QAM	26675	15RB#0	2.685	2.964	PASS
Band25	5MHz	QPSK	26065	25RB#0	4.466	4.900	PASS
Band25	5MHz	QPSK	26365	25RB#0	4.466	4.900	PASS
Band25	5MHz	QPSK	26665	25RB#0	4.476	4.900	PASS
Band25	5MHz	16QAM	26065	25RB#0	4.476	4.960	PASS
Band25	5MHz	16QAM	26365	25RB#0	4.476	4.950	PASS
Band25	5MHz	16QAM	26665	25RB#0	4.486	4.970	PASS
Band25	10MHz	QPSK	26090	50RB#0	8.931	9.660	PASS
Band25	10MHz	QPSK	26365	50RB#0	8.911	9.700	PASS
Band25	10MHz	QPSK	26640	50RB#0	8.911	9.720	PASS
Band25	10MHz	16QAM	26090	50RB#0	8.911	9.780	PASS
Band25	10MHz	16QAM	26365	50RB#0	8.911	9.760	PASS
Band25	10MHz	16QAM	26640	50RB#0	8.911	9.800	PASS
Band25	15MHz	QPSK	26115	75RB#0	13.397	14.730	PASS
Band25	15MHz	QPSK	26365	75RB#0	13.397	14.700	PASS
Band25	15MHz	QPSK	26615	75RB#0	13.427	14.700	PASS
Band25	15MHz	16QAM	26115	75RB#0	13.397	14.760	PASS
Band25	15MHz	16QAM	26365	75RB#0	13.427	14.730	PASS
Band25	15MHz	16QAM	26615	75RB#0	13.427	14.760	PASS
Band25	20MHz	QPSK	26140	100RB#0	17.862	19.320	PASS

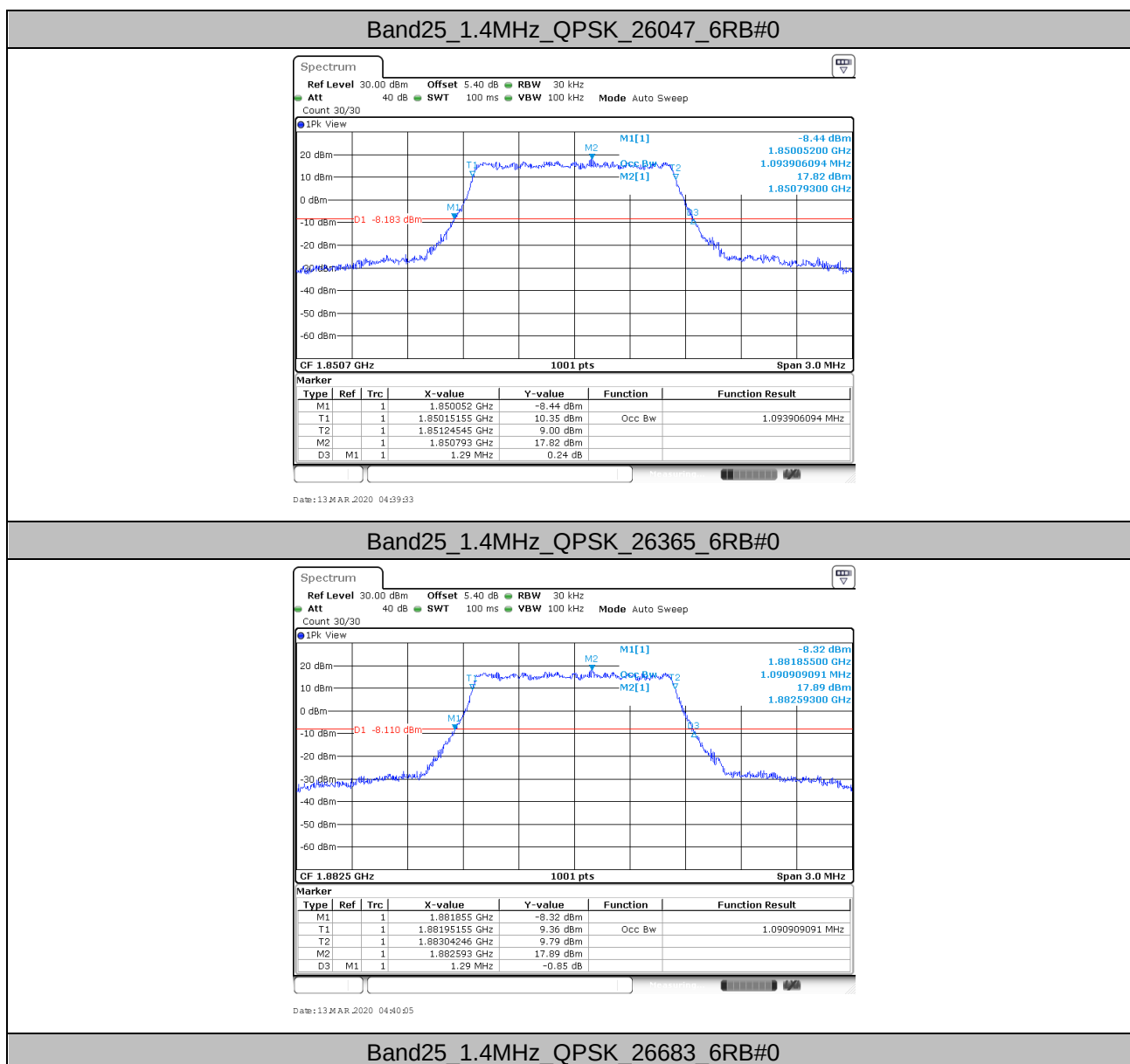


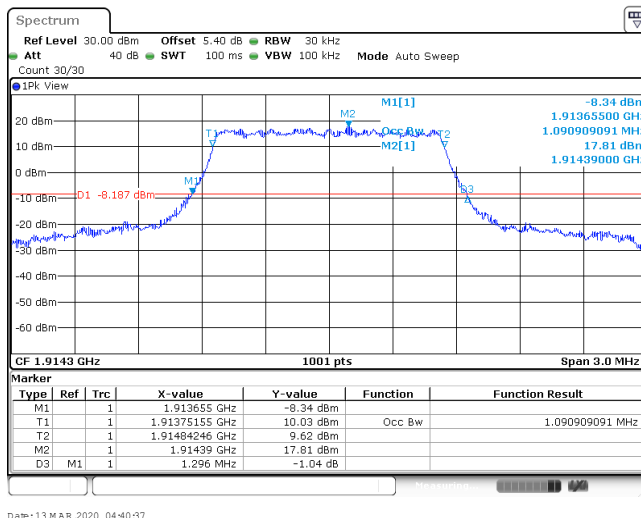
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

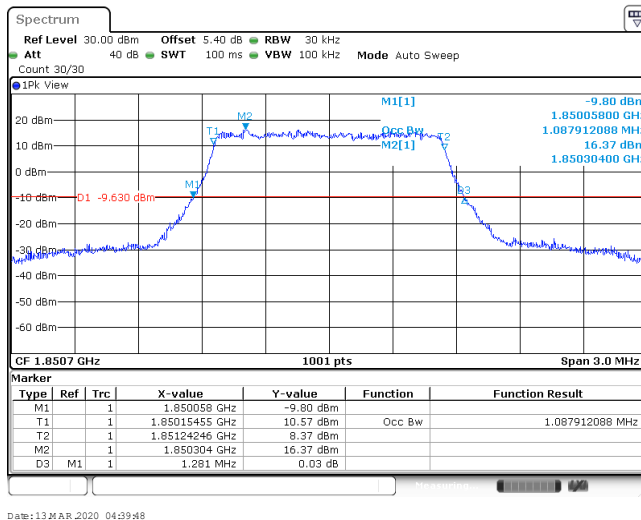
Band25	20MHz	QPSK	26365	100RB#0	17.862	19.320	PASS
Band25	20MHz	QPSK	26590	100RB#0	17.822	19.400	PASS
Band25	20MHz	16QAM	26140	100RB#0	17.822	19.360	PASS
Band25	20MHz	16QAM	26365	100RB#0	17.862	19.400	PASS
Band25	20MHz	16QAM	26590	100RB#0	17.862	19.440	PASS

4.2. Test Plots



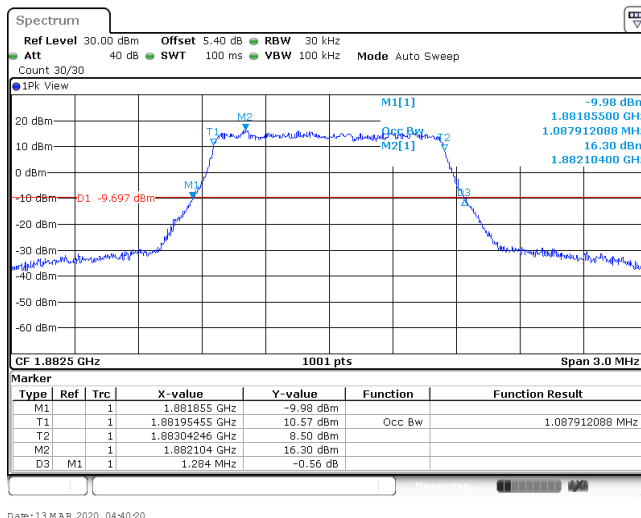


Band25_1.4MHz_16QAM_26047_6RB#0

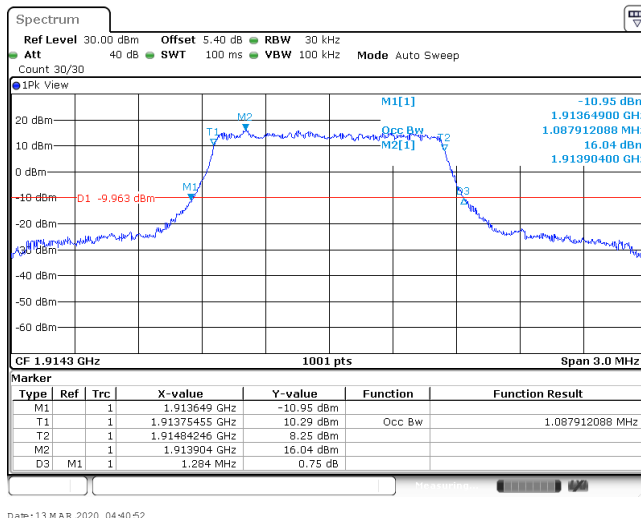


Band25_1.4MHz_16QAM_26365_6RB#0



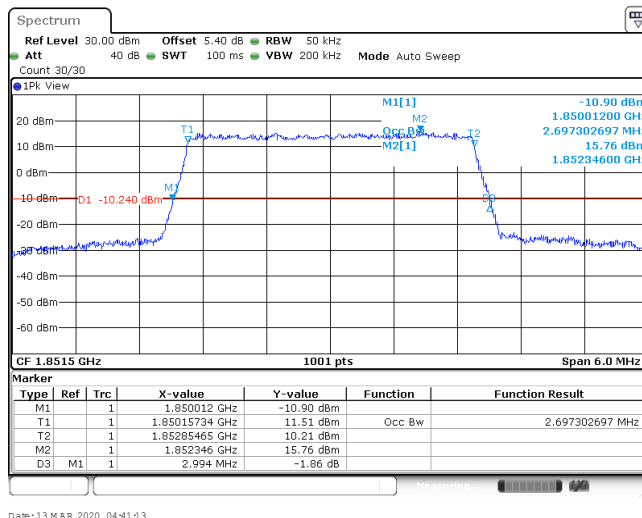


Band25_1.4MHz_16QAM_26683_6RB#0

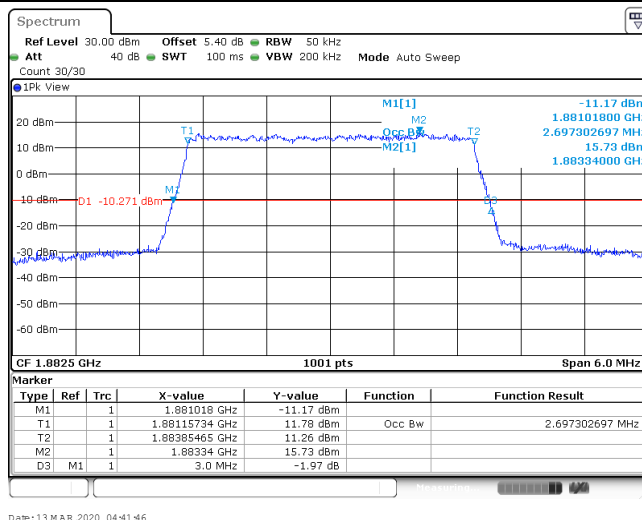


Band25_3MHz_QPSK_26055_15RB#0



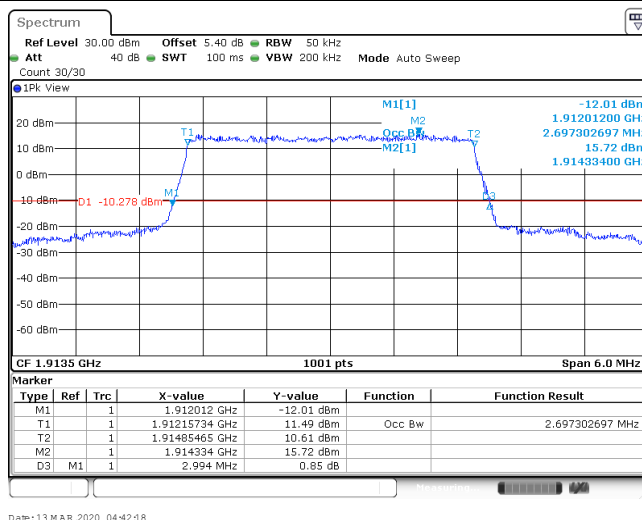


Band25_3MHz_QPSK_26365_15RB#0

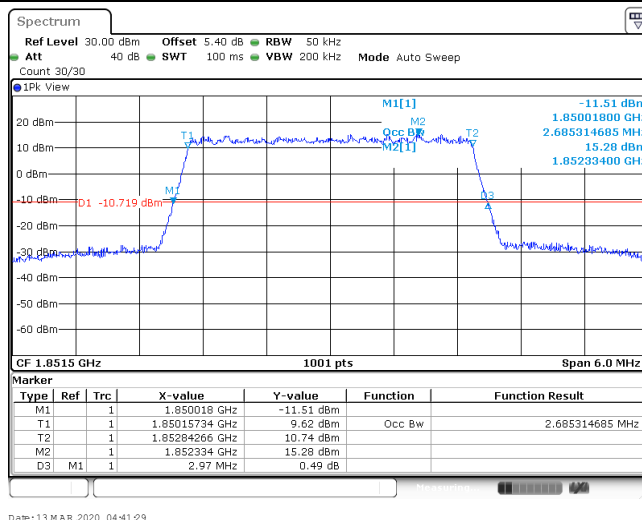


Band25_3MHz_QPSK_26675_15RB#0



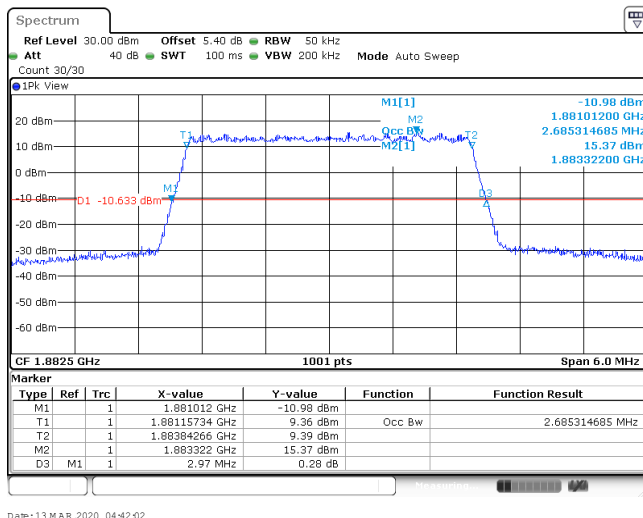


Band25_3MHz_16QAM_26055_15RB#0

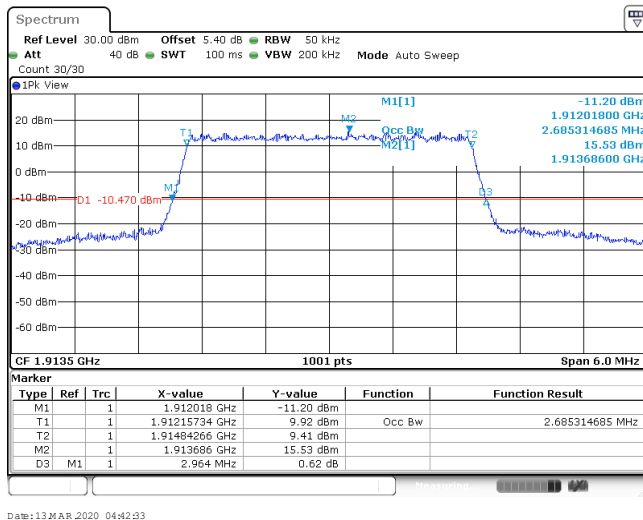


Band25_3MHz_16QAM_26365_15RB#0



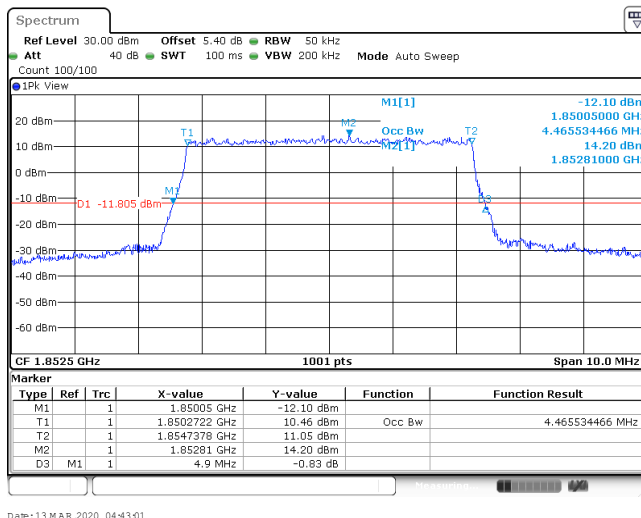


Band25_3MHz_16QAM_26675_15RB#0

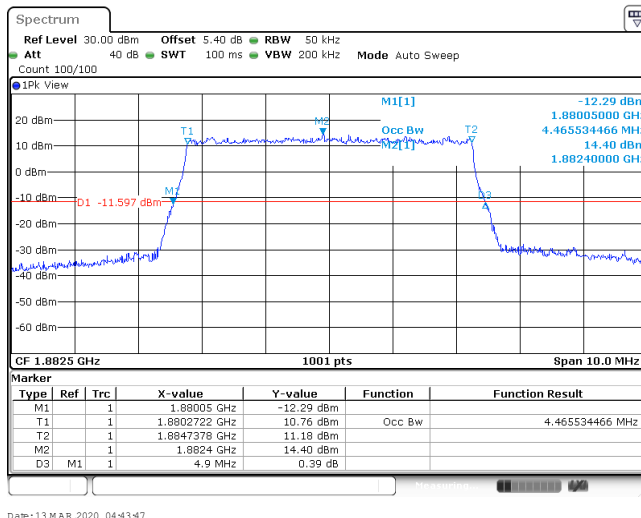


Band25_5MHz_QPSK_26065_25RB#0



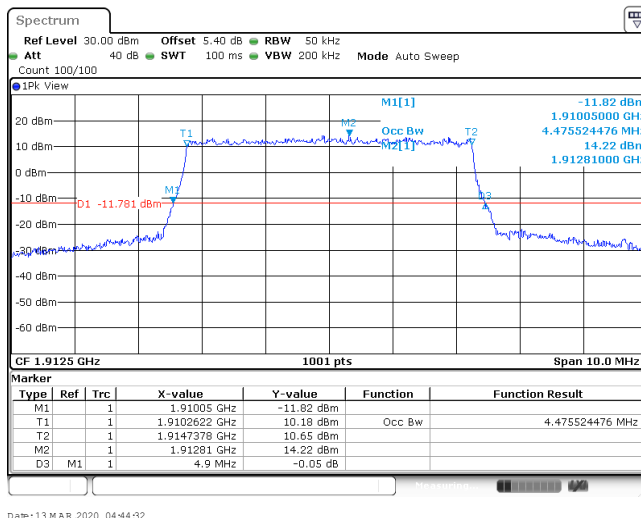


Band25_5MHz_QPSK_26365_25RB#0



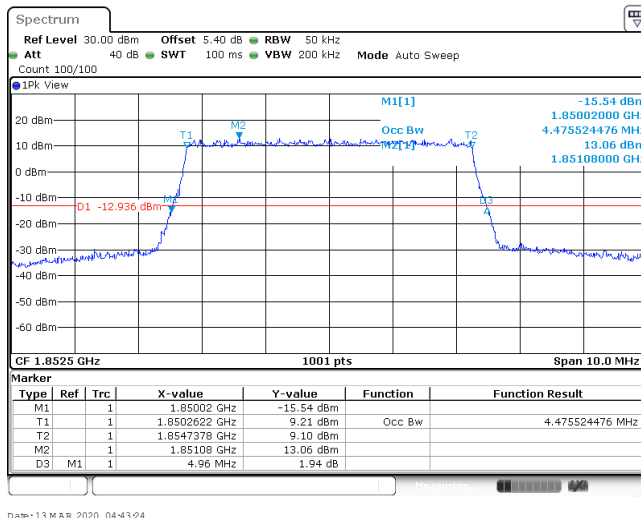
Band25_5MHz_QPSK_26665_25RB#0





Date: 13 MAR 2020 04:44:32

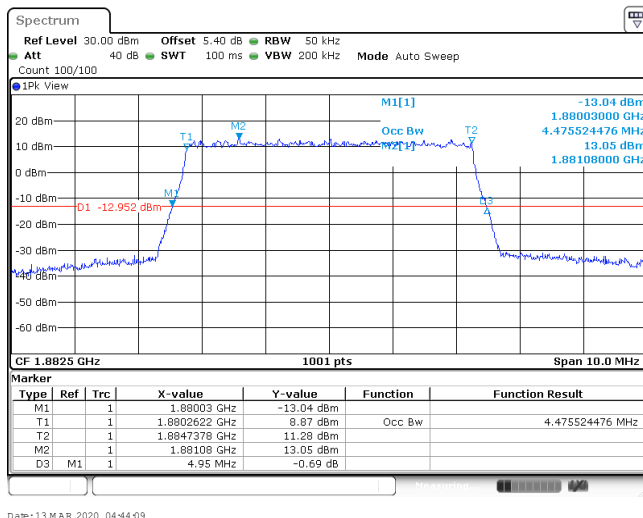
Band25_5MHz_16QAM_26065_25RB#0



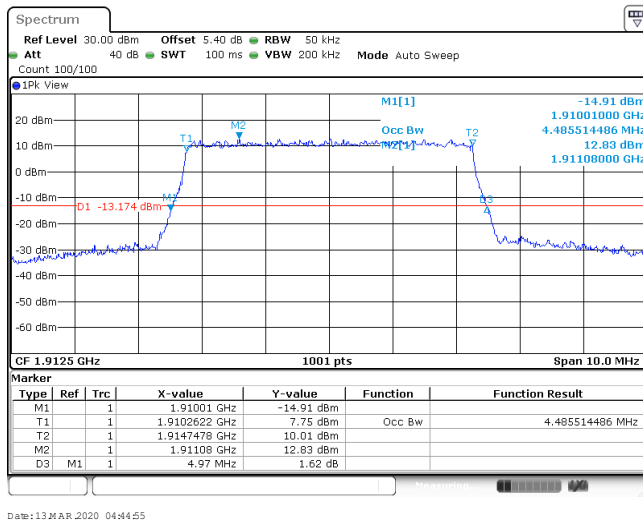
Date: 13 MAR 2020 04:43:24

Band25_5MHz_16QAM_26365_25RB#0



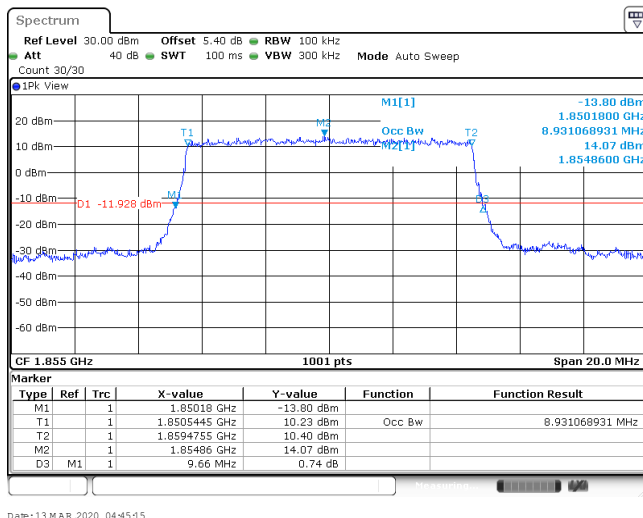


Band25_5MHz_16QAM_26665_25RB#0

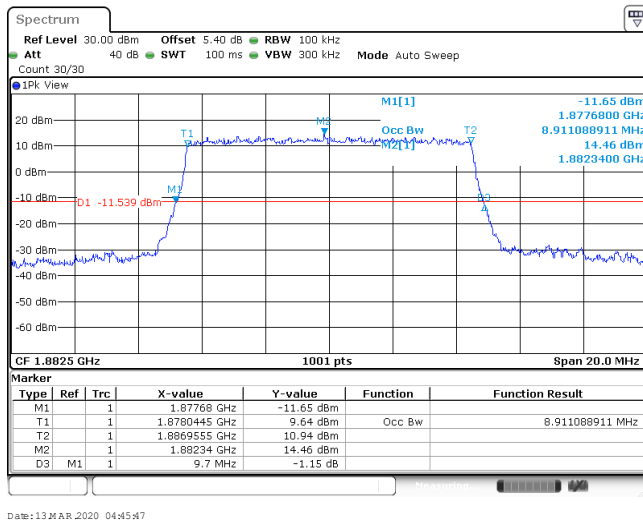


Band25_10MHz_QPSK_26090_50RB#0



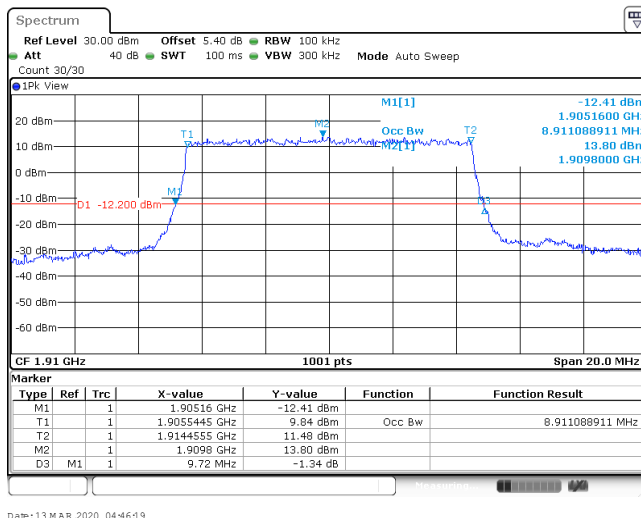


Band25_10MHz_QPSK_26365_50RB#0



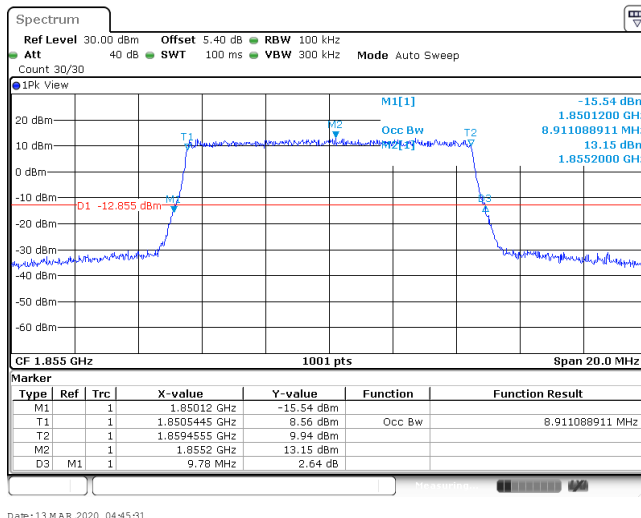
Band25_10MHz_QPSK_26640_50RB#0





Date: 13 MAR 2020 04:46:19

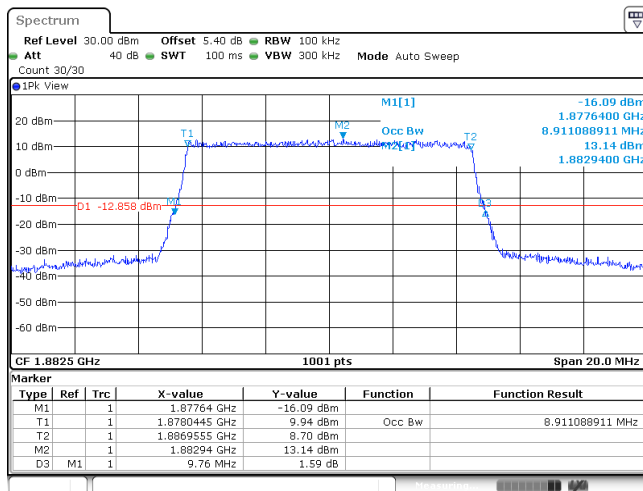
Band25_10MHz_16QAM_26090_50RB#0



Date: 13 MAR 2020 04:45:31

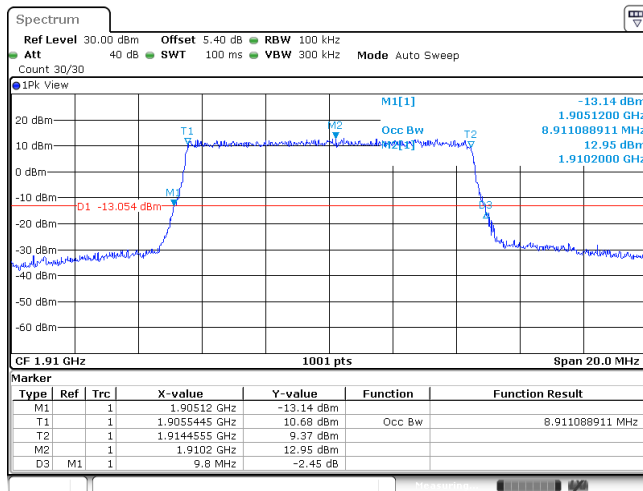
Band25_10MHz_16QAM_26365_50RB#0





Date: 13 MAR 2020 04:46:02

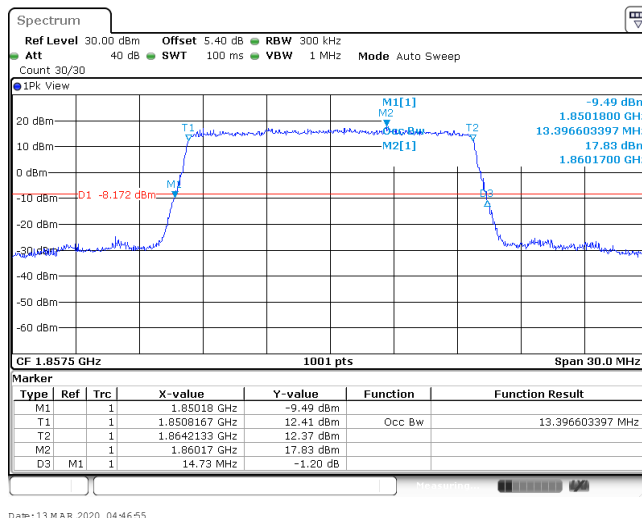
Band25_10MHz_16QAM_26640_50RB#0



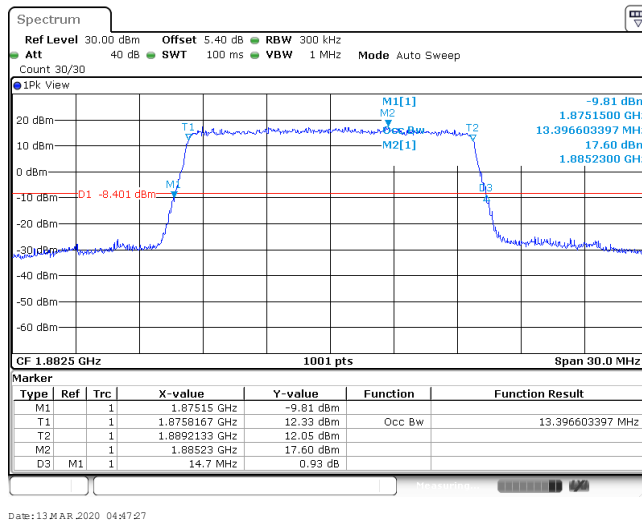
Date: 13 MAR 2020 04:46:34

Band25_15MHz_QPSK_26115_75RB#0



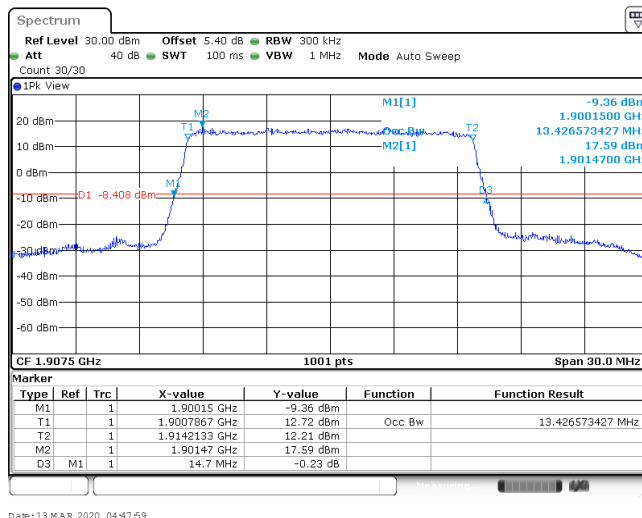


Band25_15MHz_QPSK_26365_75RB#0

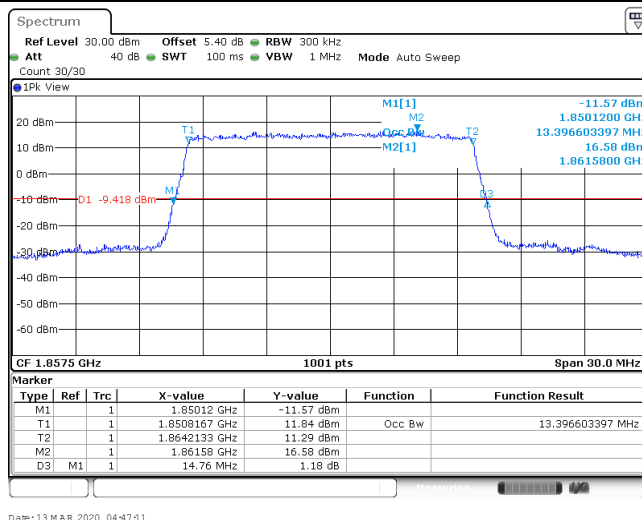


Band25_15MHz_QPSK_26615_75RB#0



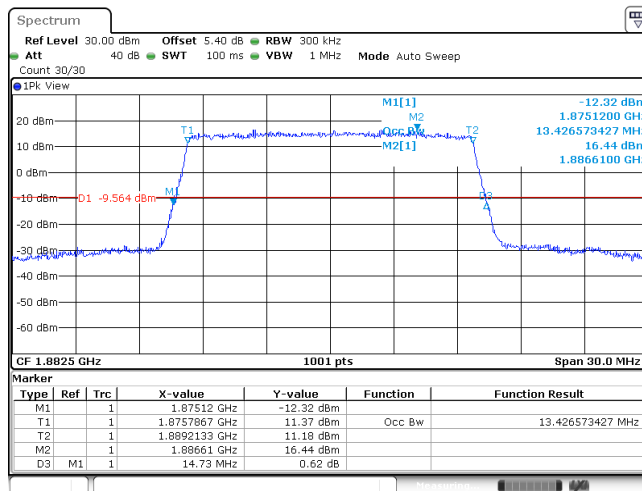


Band25_15MHz_16QAM_26115_75RB#0



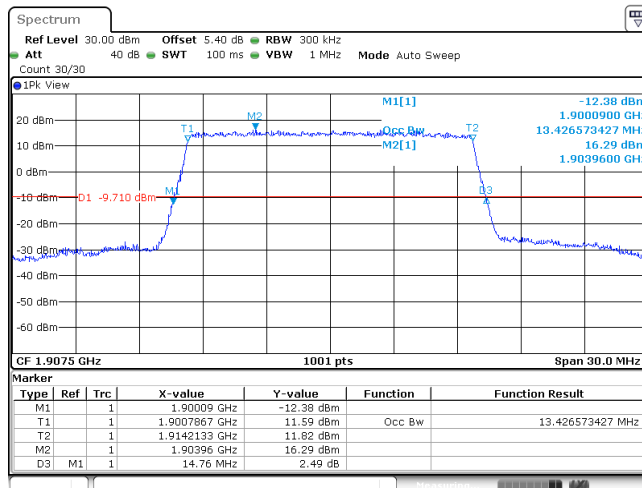
Band25_15MHz_16QAM_26365_75RB#0





Date: 13 MAR 2020 04:47:42

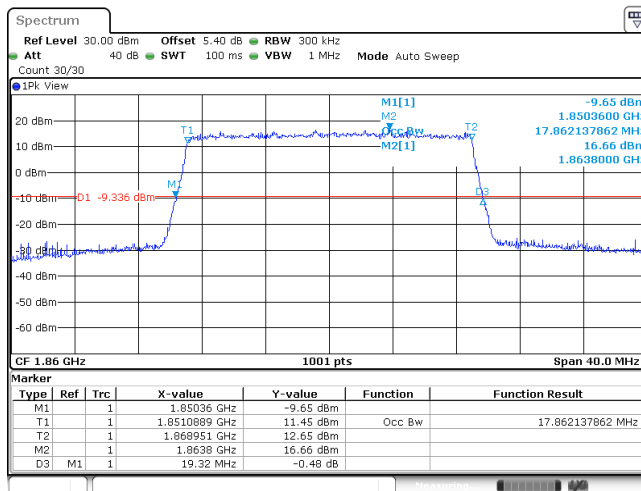
Band25_15MHz_16QAM_26615_75RB#0



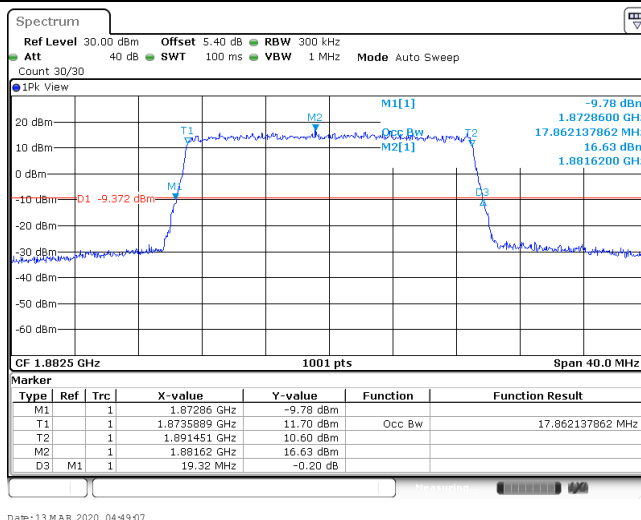
Date: 13 MAR 2020 04:48:14

Band25_20MHz_QPSK_26140_100RB#0



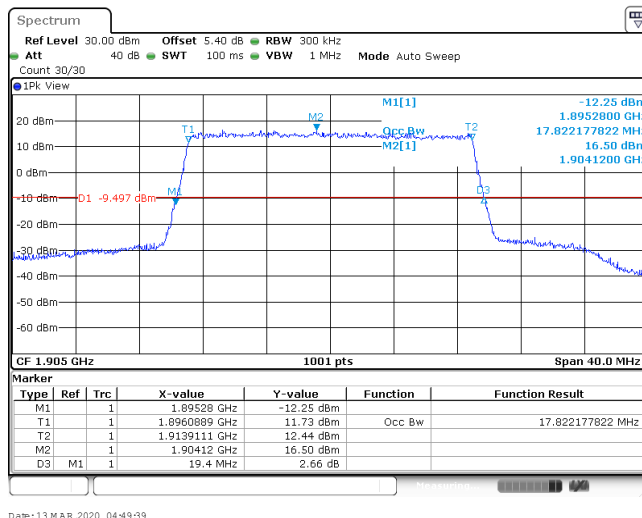


Band25_20MHz_QPSK_26365_100RB#0

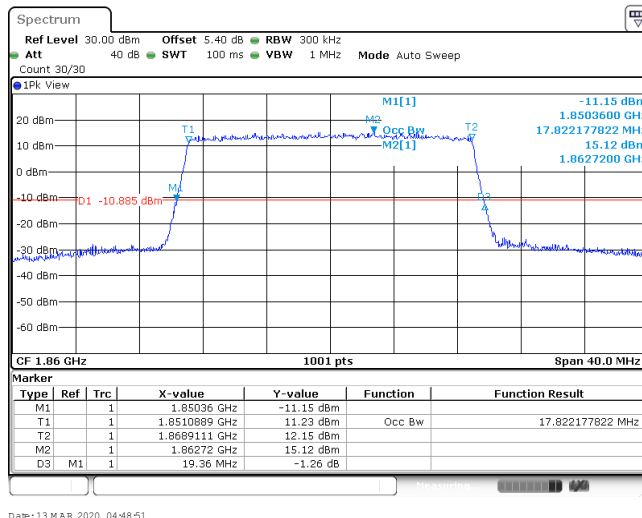


Band25_20MHz_QPSK_26590_100RB#0





Band25_20MHz_16QAM_26140_100RB#0

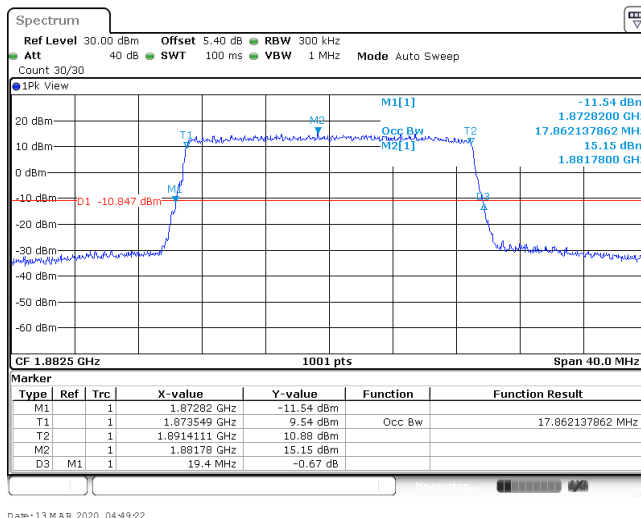


Band25_20MHz_16QAM_26365_100RB#0

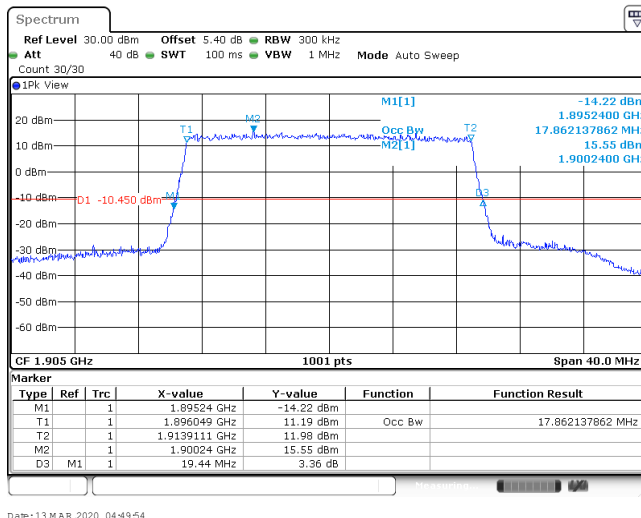


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Band25_20MHz_16QAM_26590_100RB#0



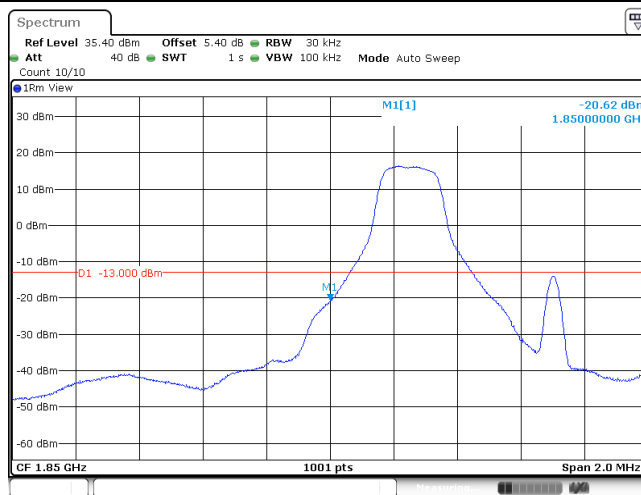
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

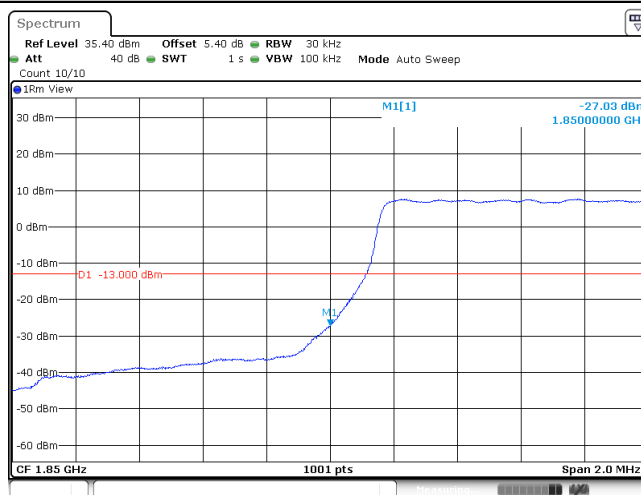
5. Band Edge Compliance

5.1. Test Plots

Band25_1.4MHz_QPSK_26047_1RB#0

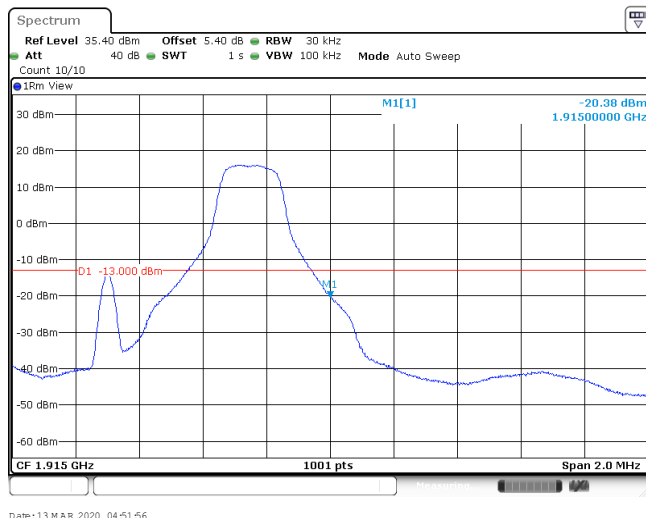


Band25_1.4MHz_QPSK_26047_6RB#0

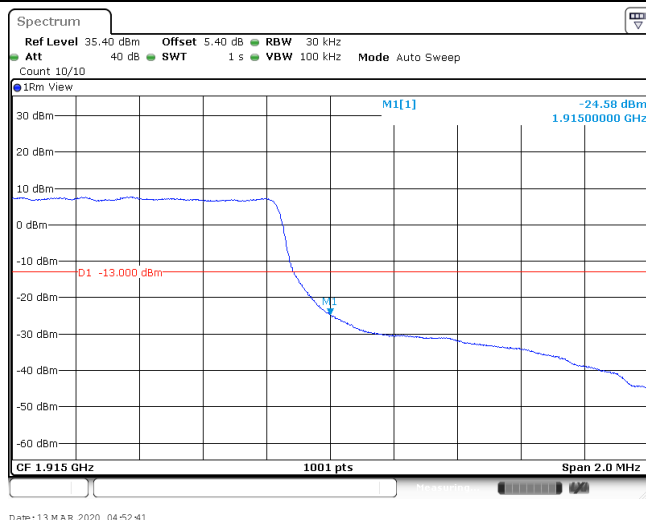


Band25_1.4MHz_QPSK_26683_1RB#5



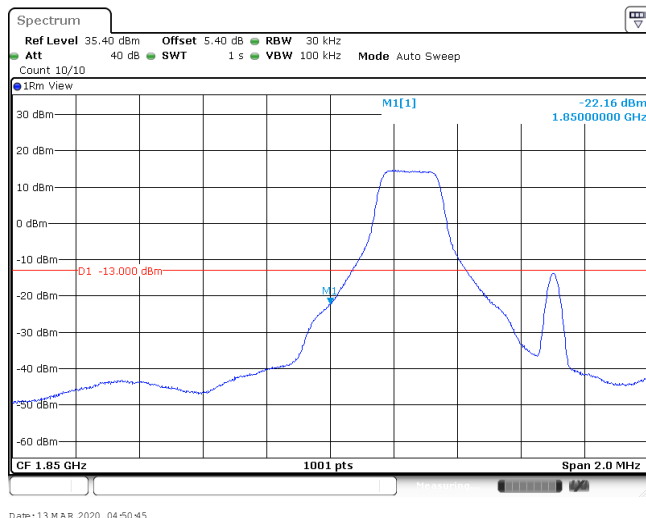


Band25_1.4MHz_QPSK_26683_6RB#0

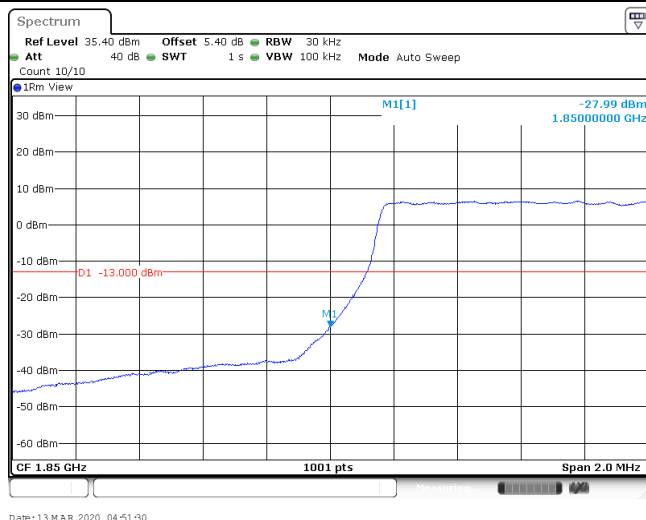


Band25_1.4MHz_16QAM_26047_1RB#0





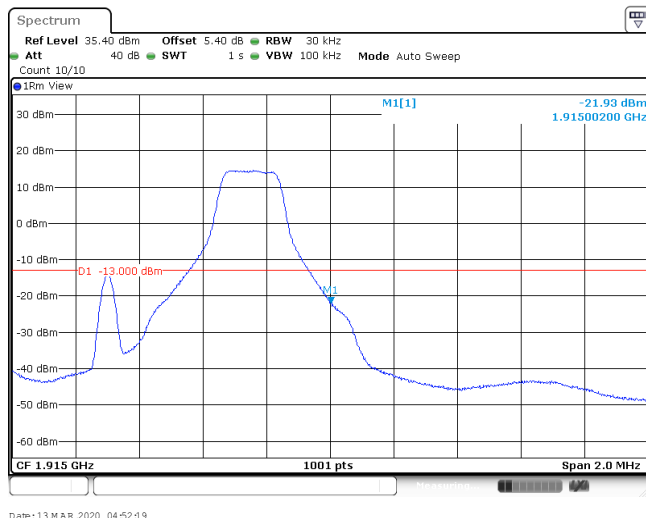
Band25_1.4MHz_16QAM_26047_6RB#0



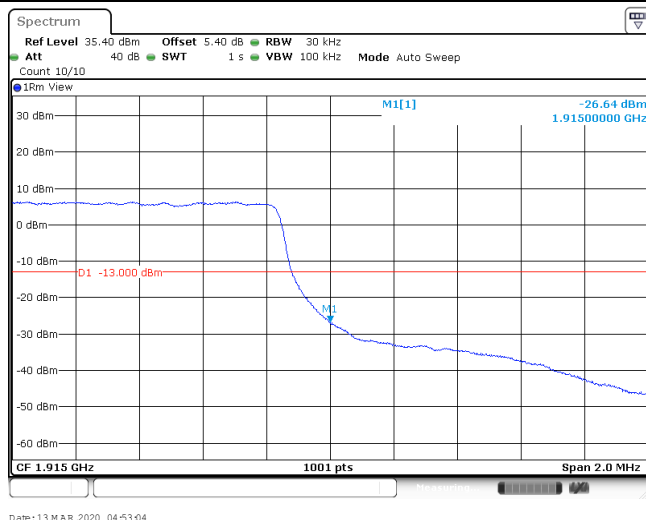
Band25_1.4MHz_16QAM_26683_1RB#5



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-Documents.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

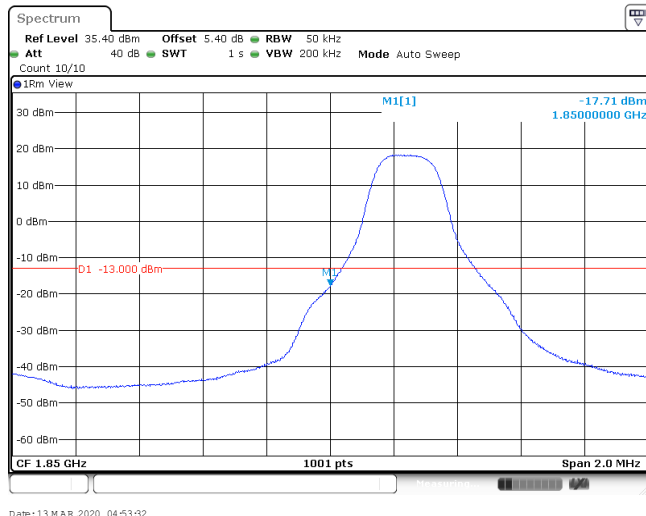


Band25_1.4MHz_16QAM_26683_6RB#0

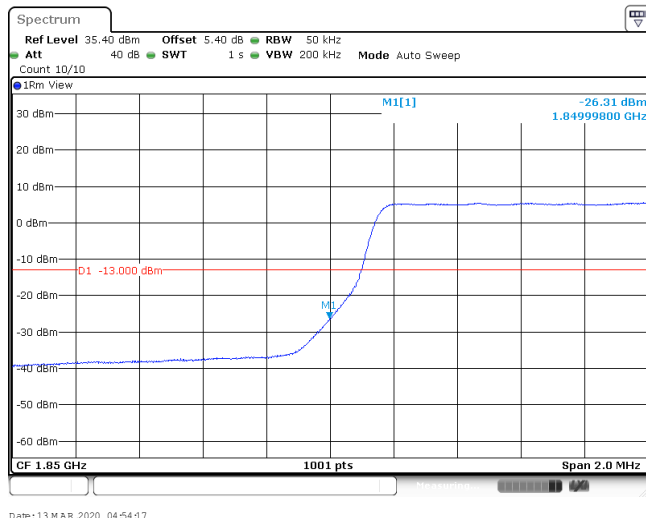


Band25_3MHz_QPSK_26055_1RB#0





Band25_3MHz_QPSK_26055_15RB#0

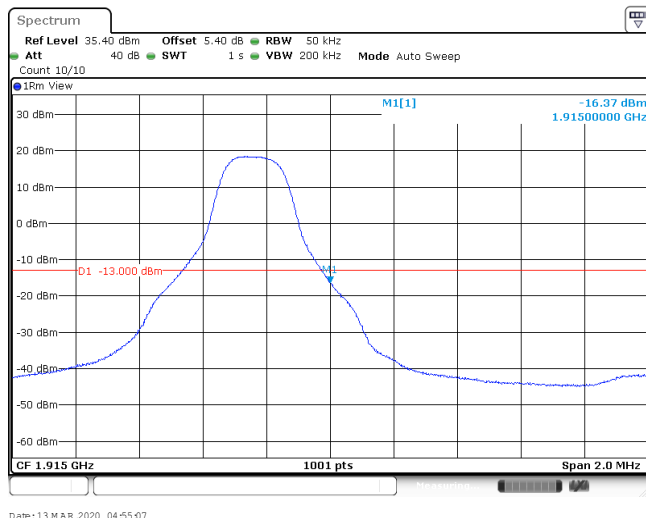


Band25_3MHz_QPSK_26675_1RB#14



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-Documents.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

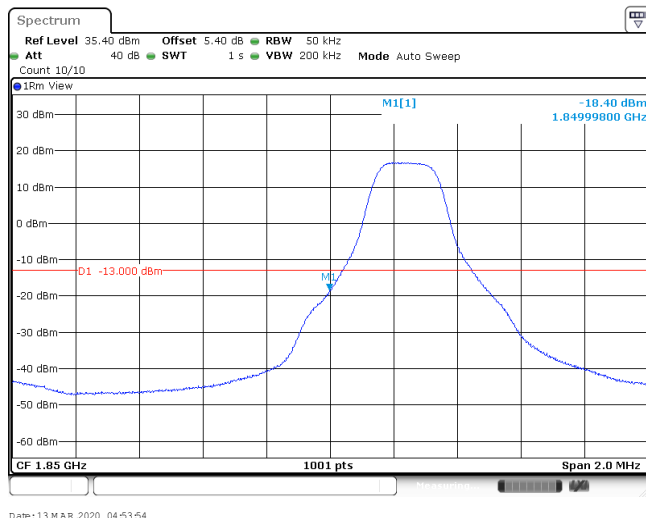


Band25_3MHz_QPSK_26675_15RB#0

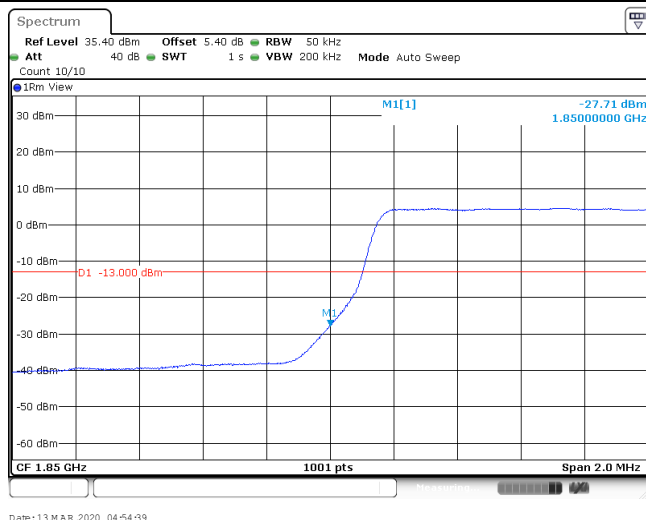


Band25_3MHz_16QAM_26055_1RB#0





Band25_3MHz_16QAM_26055_15RB#0

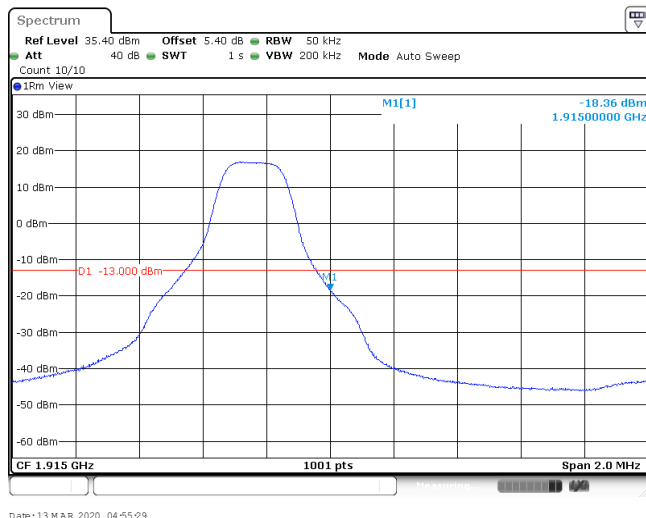


Band25_3MHz_16QAM_26675_1RB#14

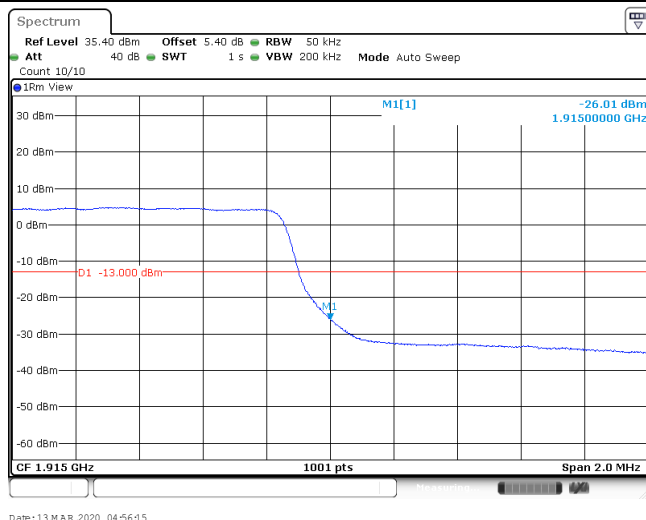


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

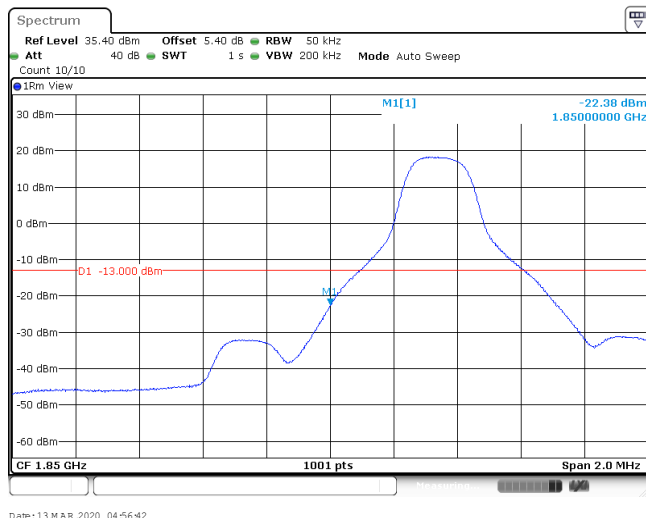


Band25_3MHz_16QAM_26675_15RB#0

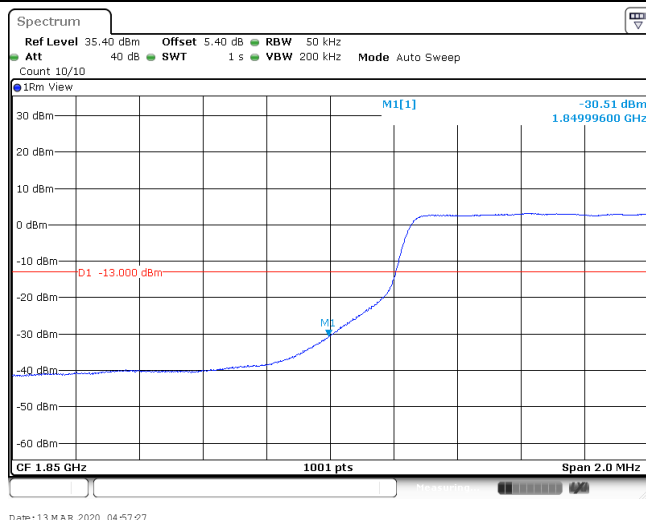


Band25_5MHz_QPSK_26065_1RB#0





Band25_5MHz_QPSK_26065_25RB#0



Band25_5MHz_QPSK_26665_1RB#24

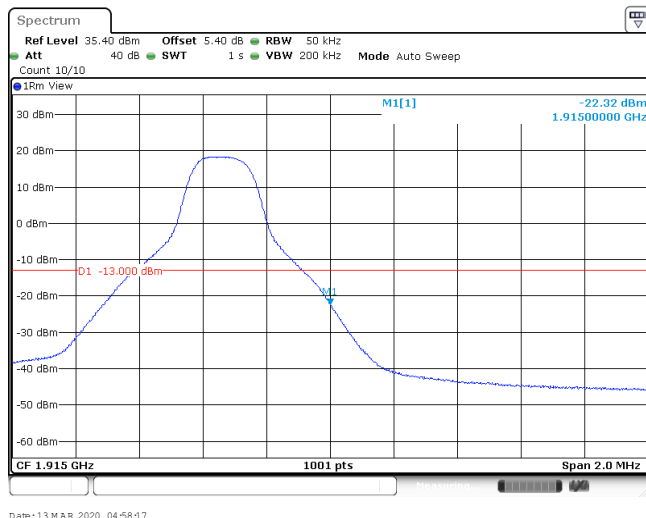


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

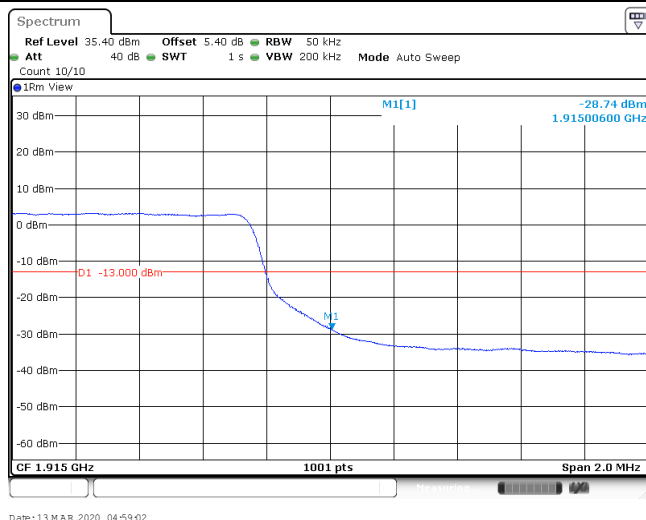
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

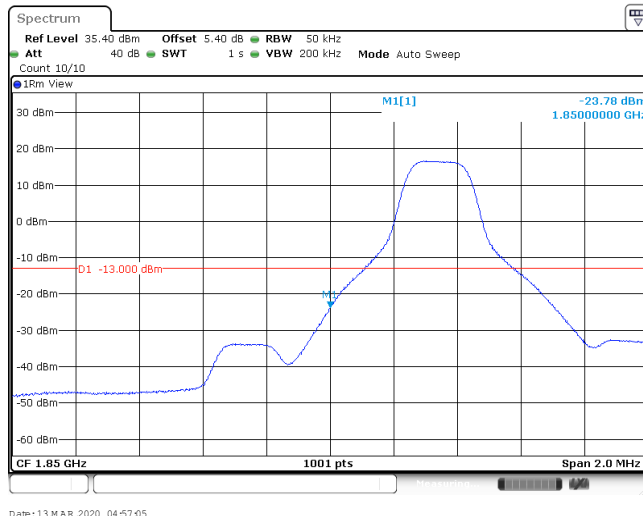


Band25_5MHz_QPSK_26665_25RB#0

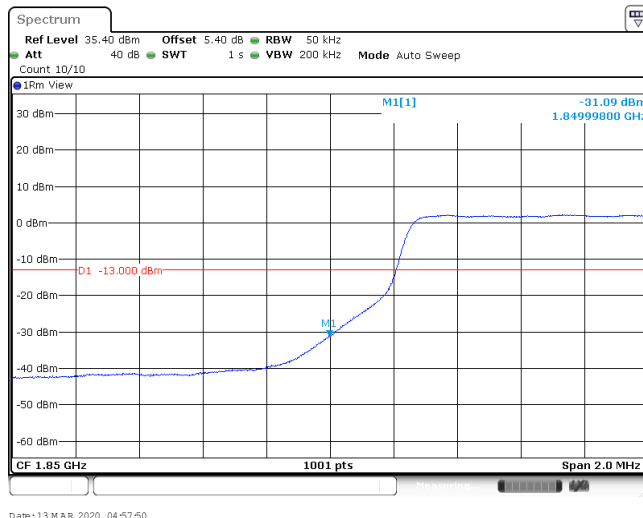


Band25_5MHz_16QAM_26065_1RB#0





Band25_5MHz_16QAM_26065_25RB#0

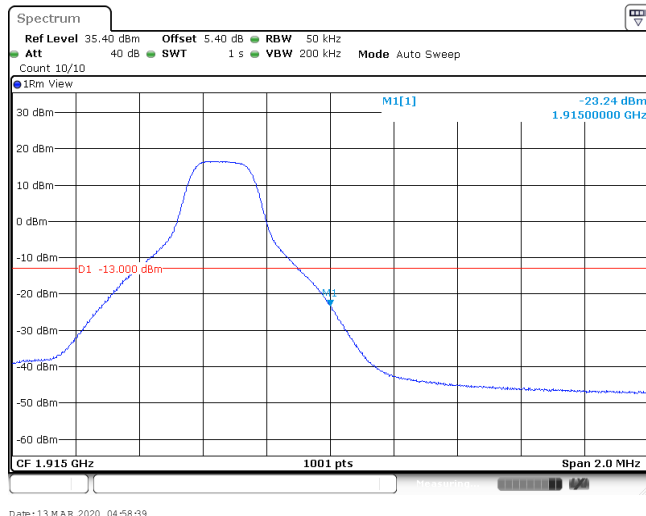


Band25_5MHz_16QAM_26665_1RB#24



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-Documents.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



Date: 13 MAR 2020 04:58:39

Band25_5MHz_16QAM_26665_25RB#0



Date: 13 MAR 2020 04:59:24

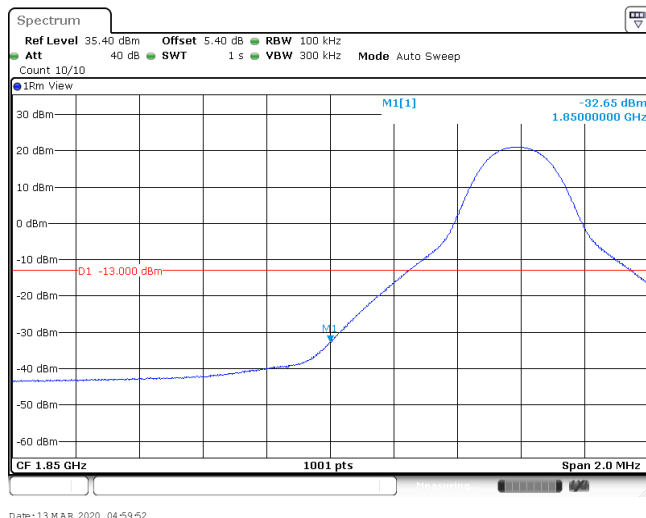
Band25_10MHz_QPSK_26090_1RB#0



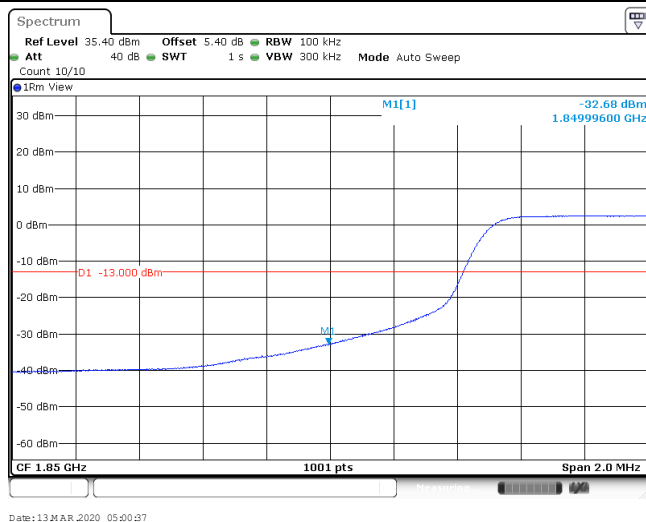
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

Unless otherwise agreed in writing, this document is issued by the 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-Documents.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

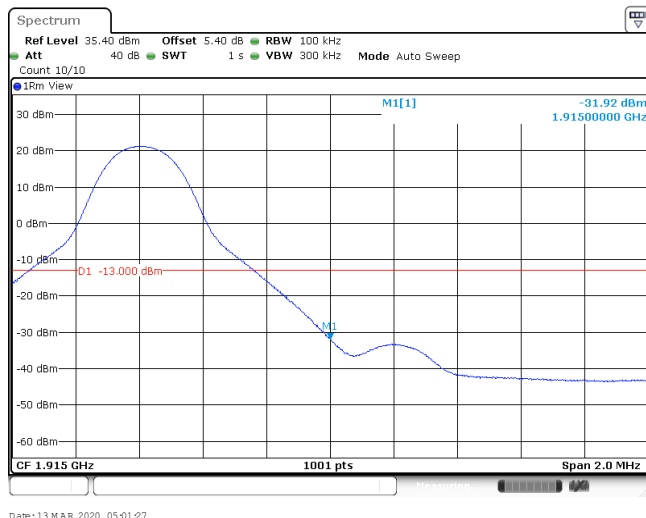


Band25_10MHz_QPSK_26090_50RB#0

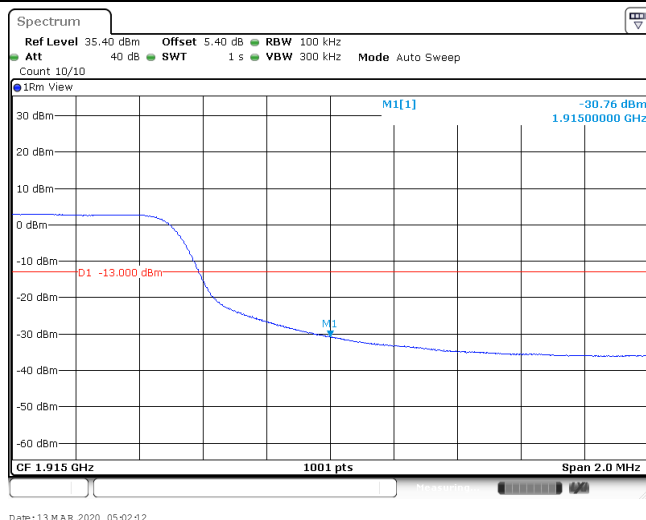


Band25_10MHz_QPSK_26640_1RB#49





Band25_10MHz_QPSK_26640_50RB#0

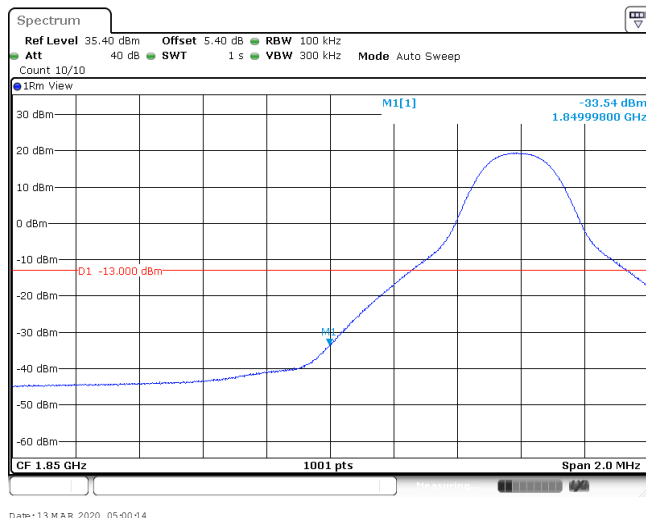


Band25_10MHz_16QAM_26090_1RB#0

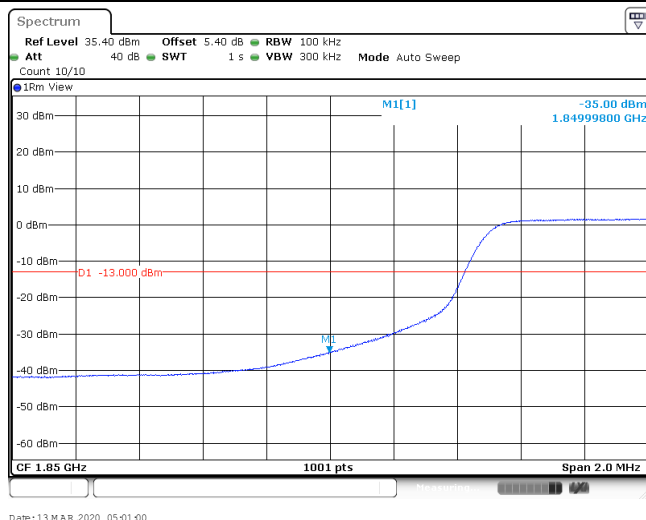


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

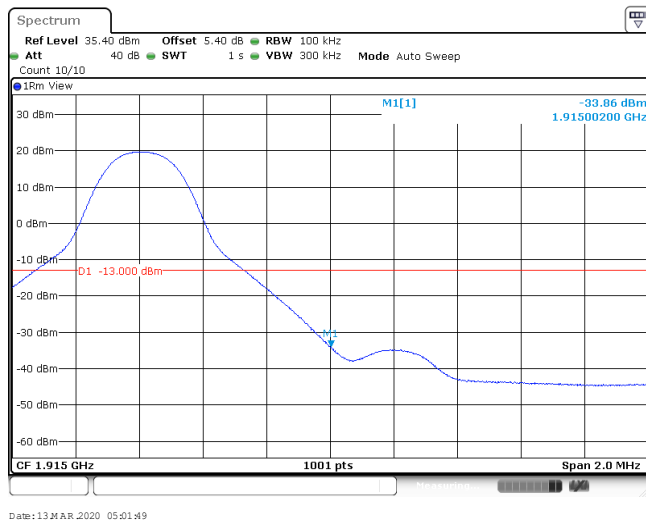


Band25_10MHz_16QAM_26090_50RB#0

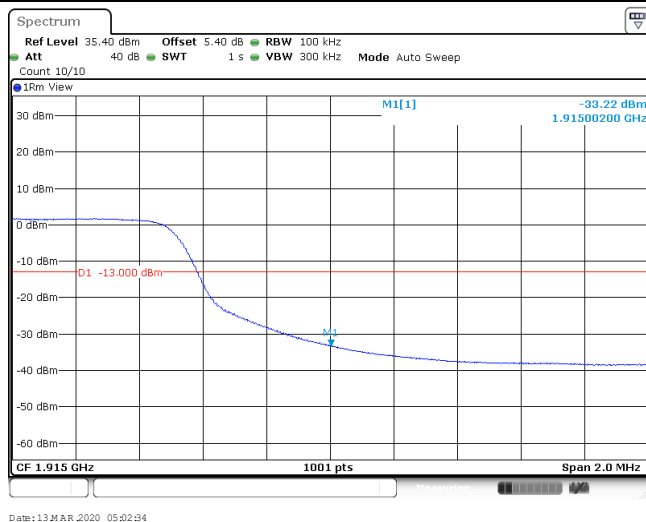


Band25_10MHz_16QAM_26640_1RB#49



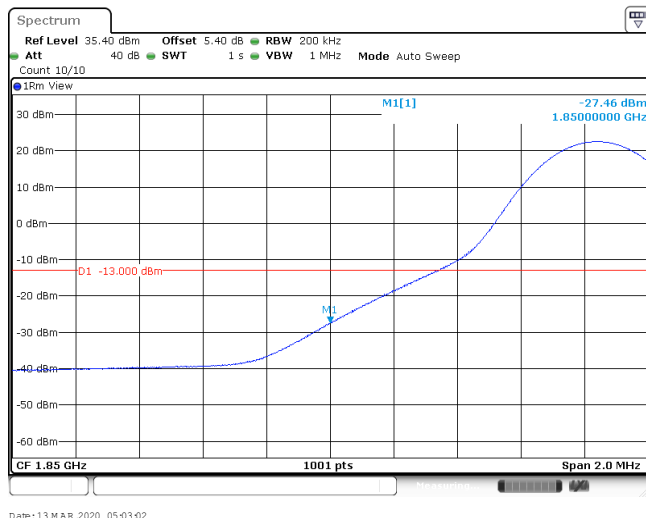


Band25_10MHz_16QAM_26640_50RB#0

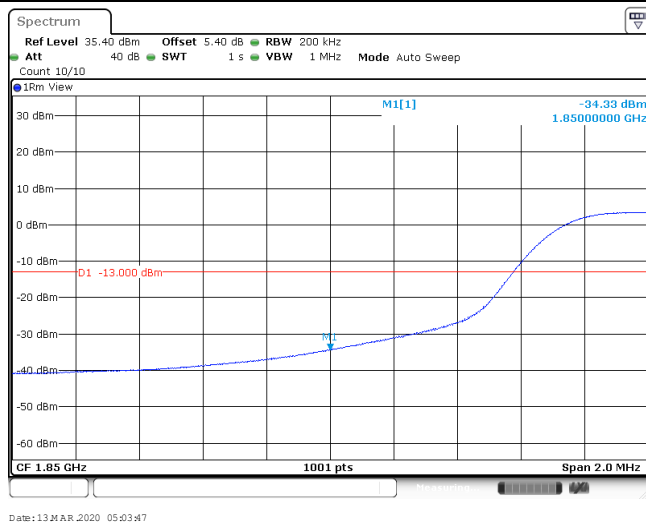


Band25_15MHz_QPSK_26115_1RB#0



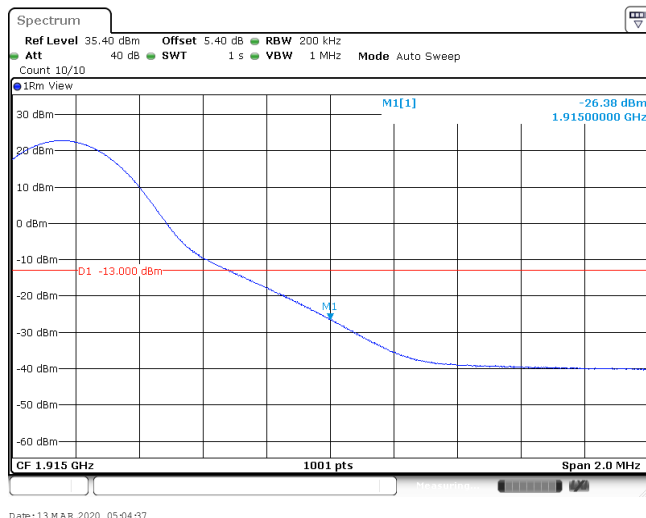


Band25_15MHz_QPSK_26115_75RB#0

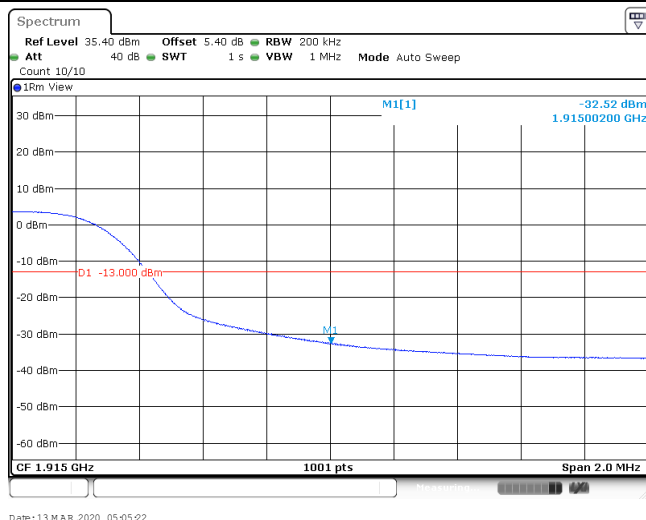


Band25_15MHz_QPSK_26615_1RB#74



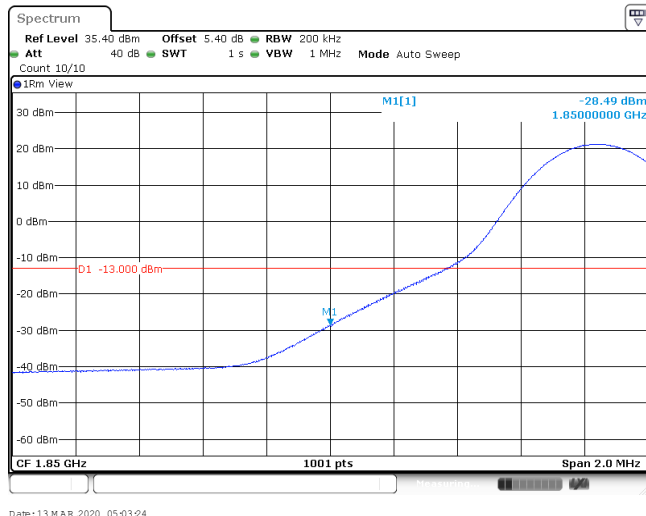


Band25_15MHz_QPSK_26615_75RB#0

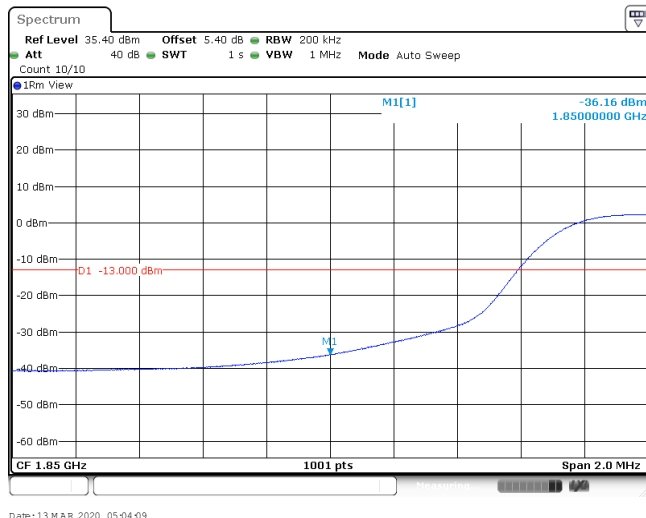


Band25_15MHz_16QAM_26115_1RB#0





Band25_15MHz_16QAM_26115_75RB#0



Band25_15MHz_16QAM_26615_1RB#74

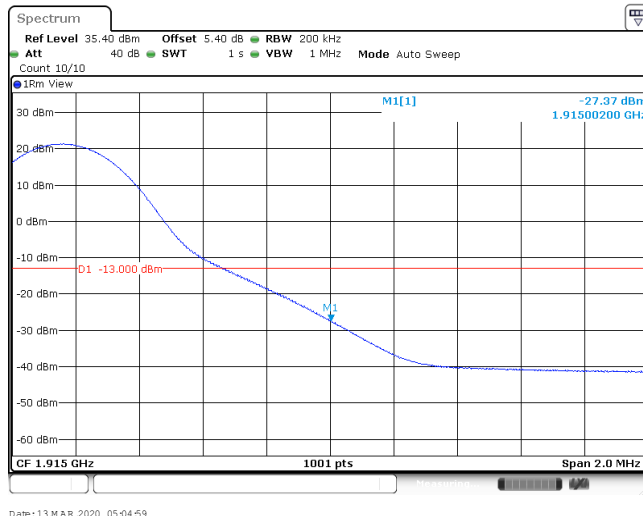


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

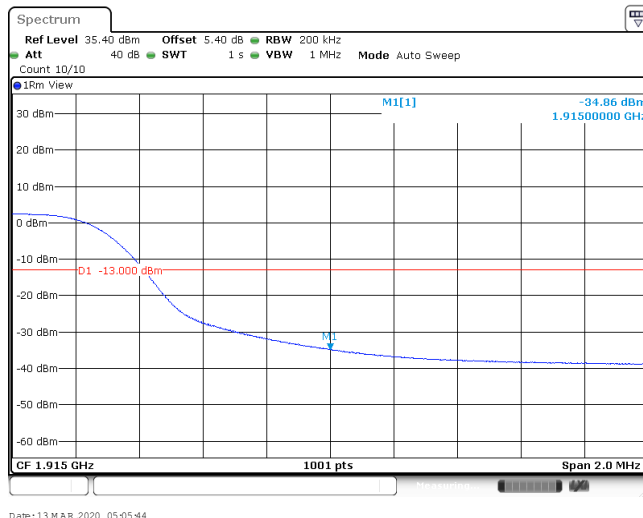
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



Band25_15MHz_16QAM_26615_75RB#0

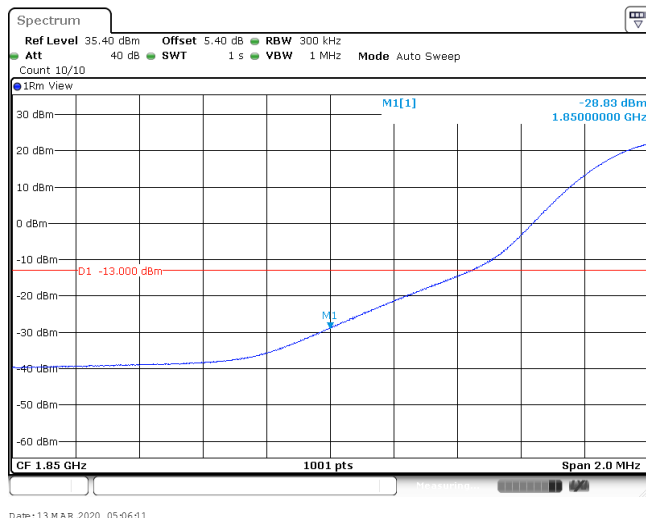


Band25_20MHz_QPSK_26140_1RB#0

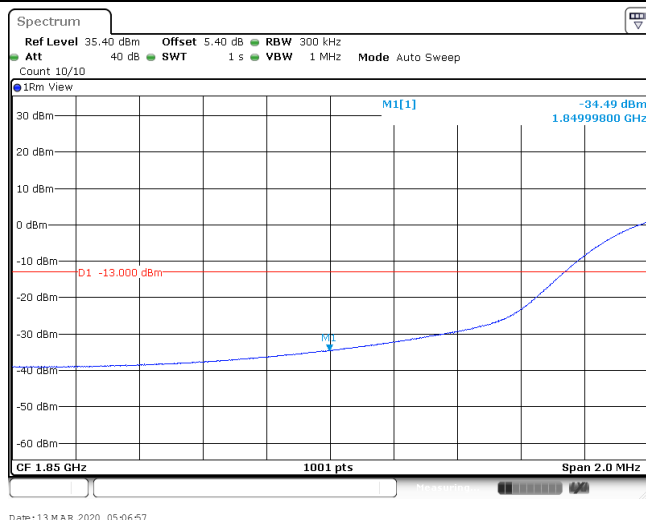


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Band25_20MHz_QPSK_26140_100RB#0

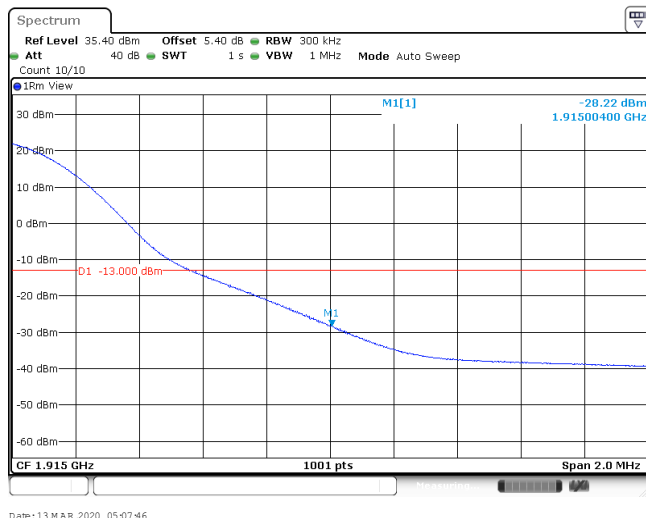


Band25_20MHz_QPSK_26590_1RB#99

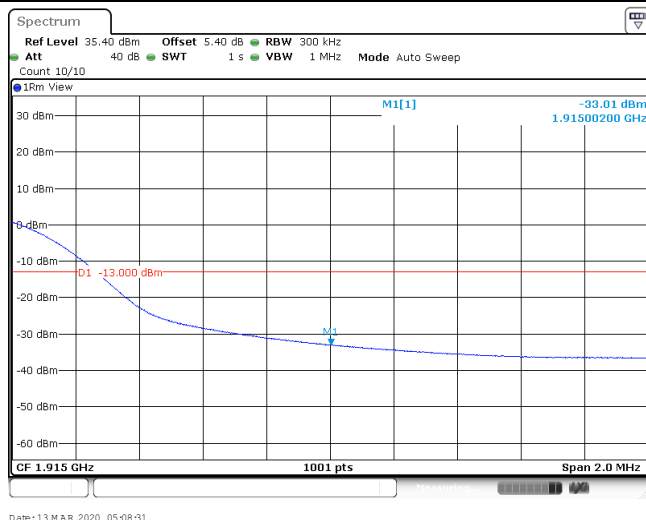


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

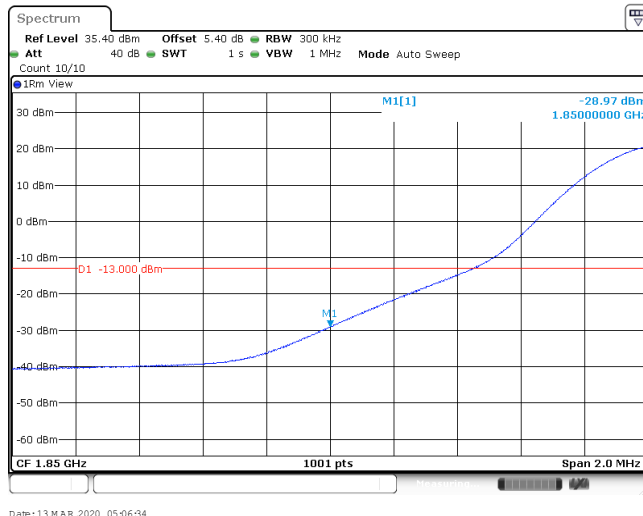


Band25_20MHz_QPSK_26590_100RB#0

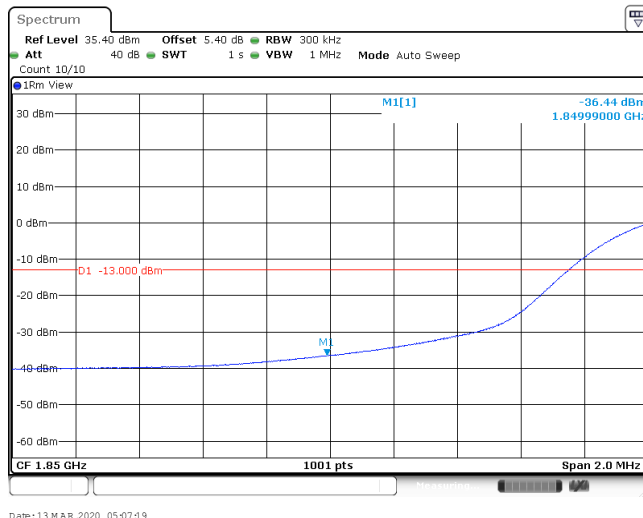


Band25_20MHz_16QAM_26140_1RB#0





Band25_20MHz_16QAM_26140_100RB#0

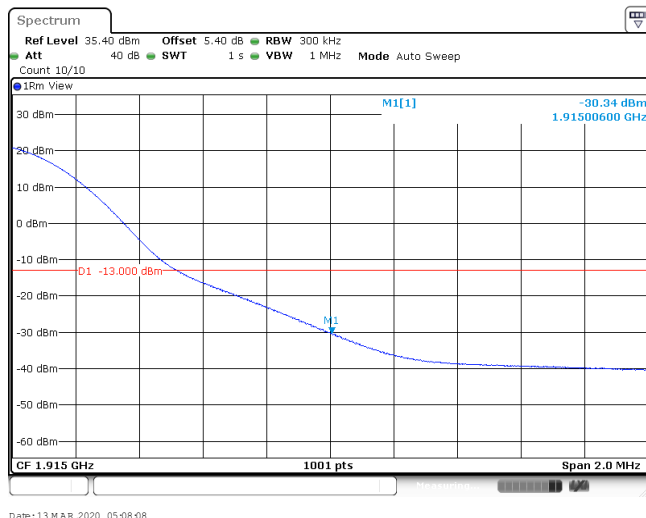


Band25_20MHz_16QAM_26590_1RB#99



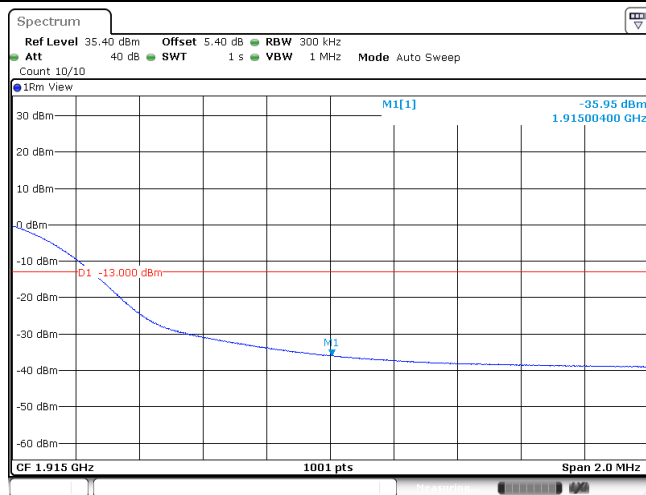
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



Date: 13 MAR 2020 05:08:08

Band25_20MHz_16QAM_26590_100RB#0



Date: 13 MAR 2020 05:08:54



Unless otherwise agreed in writing, this document is issued by the 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-Documents.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.

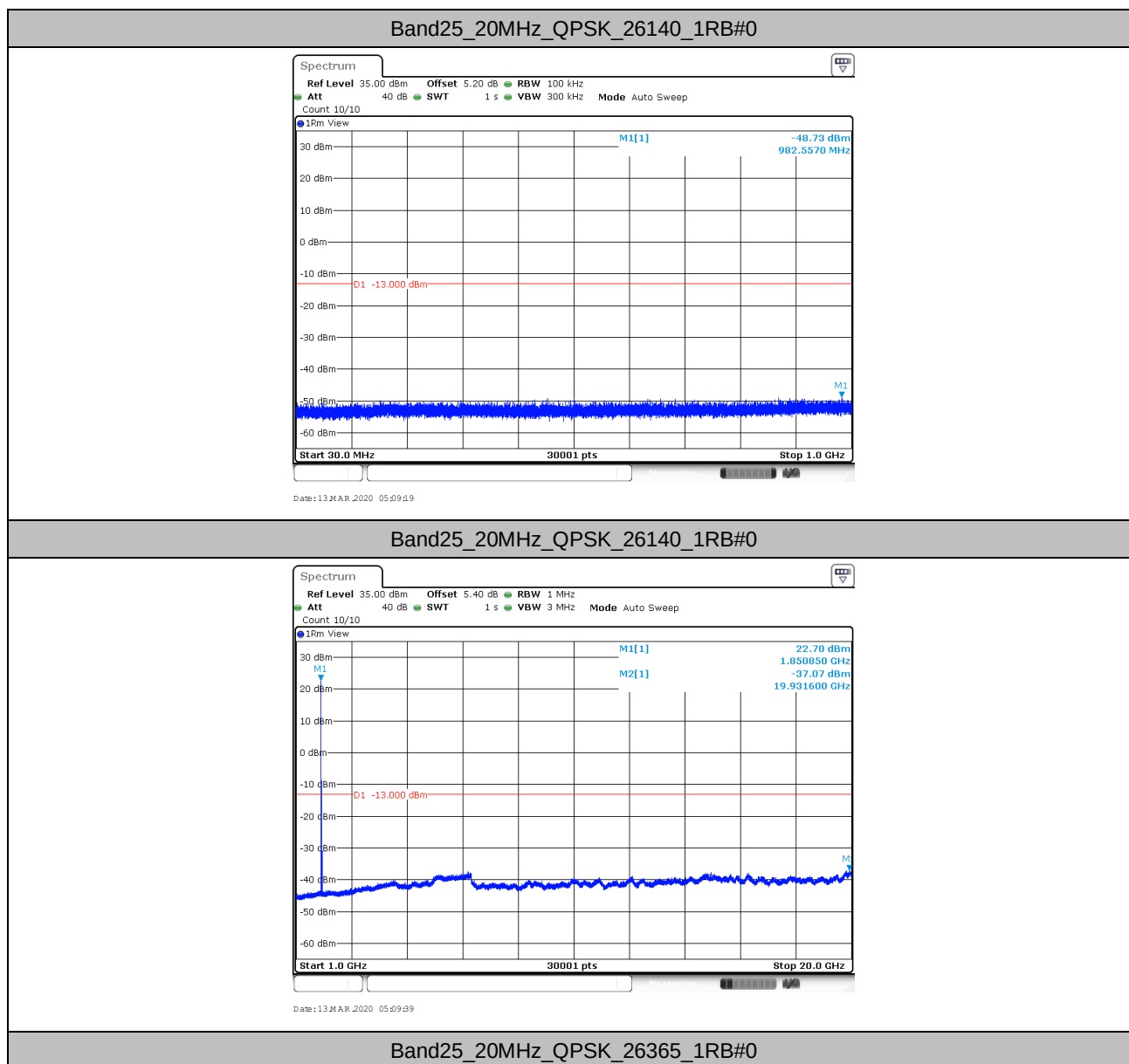
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
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

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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

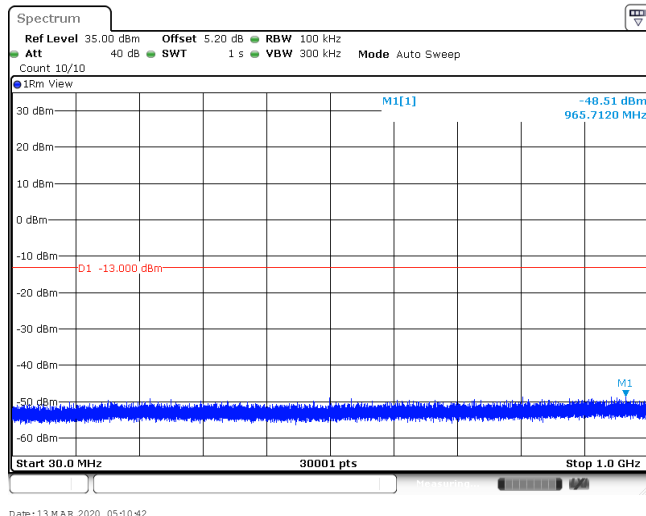
6.1. Test Plots



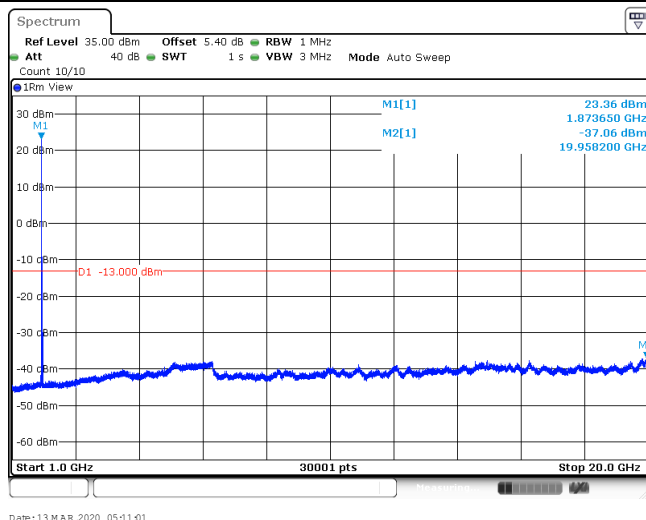
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CCC Laboratory)

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



Band25_20MHz_QPSK_26365_1RB#0

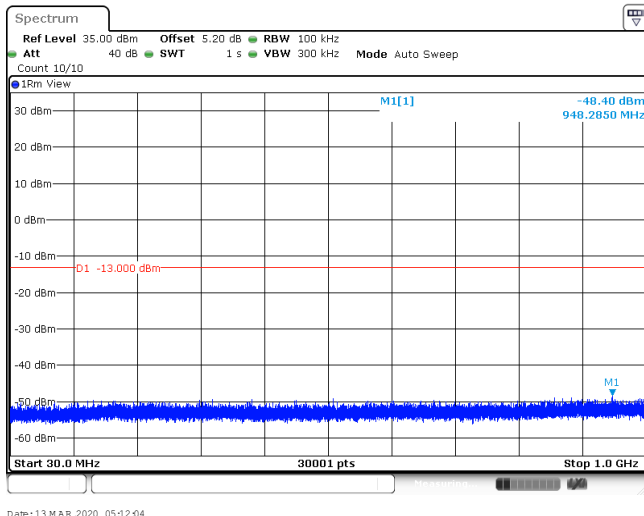


Band25_20MHz_QPSK_26590_1RB#0

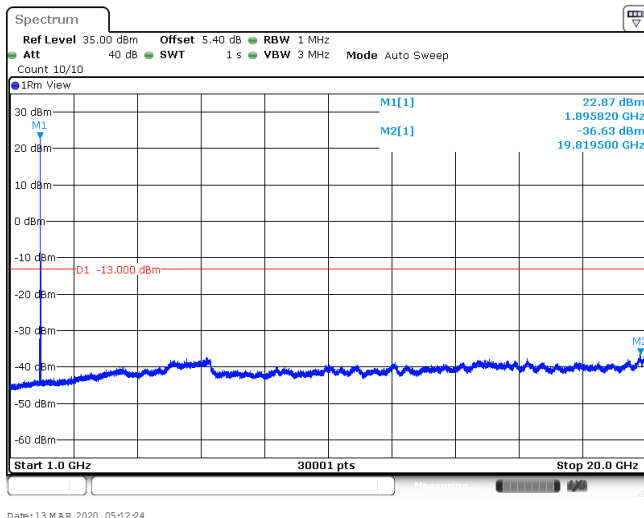


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

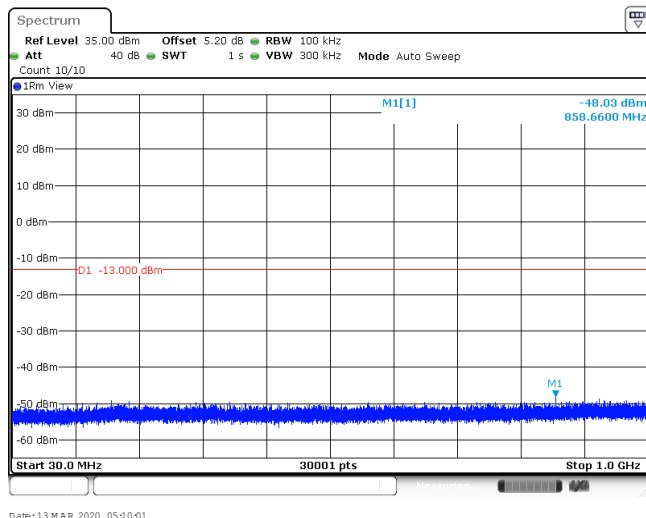


Band25_20MHz_QPSK_26590_1RB#0

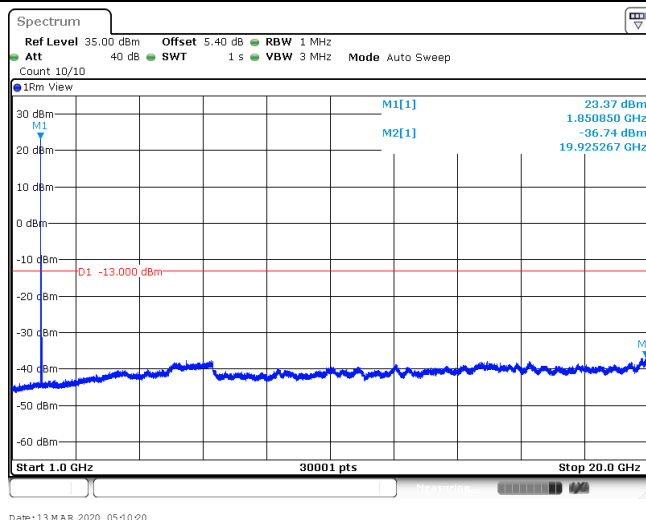


Band25_20MHz_16QAM_26140_1RB#0





Band25_20MHz_16QAM_26140_1RB#0

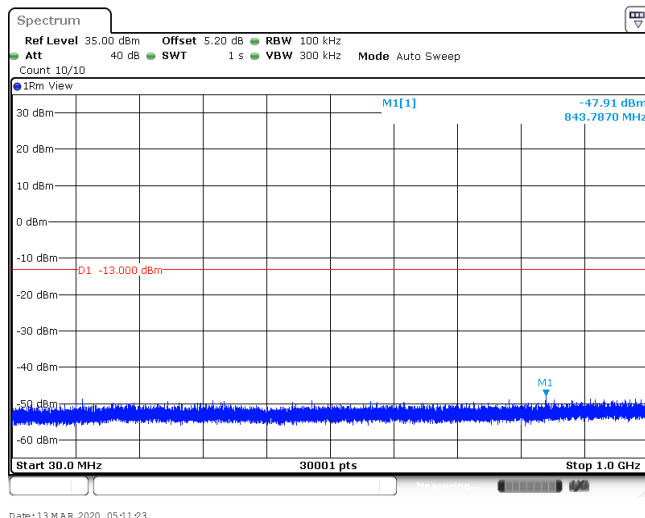


Band25_20MHz_16QAM_26365_1RB#0

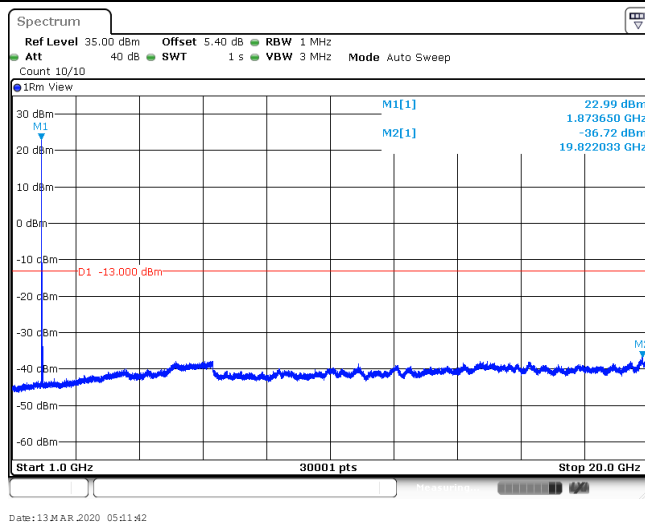


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

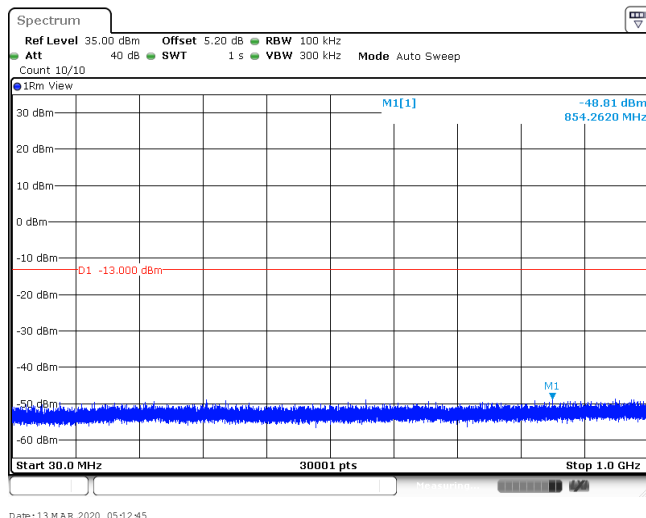


Band25_20MHz_16QAM_26365_1RB#0

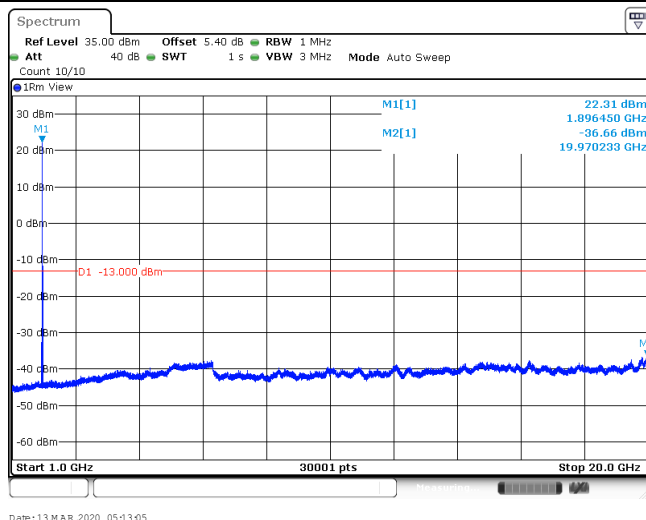


Band25_20MHz_16QAM_26590_1RB#0





Band25_20MHz_16QAM_26590_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-Documents.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 Band = LTE Band 25

7.1.1. Test Mode = LTE/TM1

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.4541	-64.77	-13.00	51.77	Vertical
618.8194	-64.02	-13.00	51.02	Vertical
2733.5467	-38.35	-13.00	25.35	Vertical
5553.0851	-57.39	-13.00	44.39	Vertical
14496.8832	-48.40	-13.00	35.40	Vertical
17997.4999	-41.05	-13.00	28.05	Vertical
43.6777	-64.60	-13.00	51.60	Horizontal
231.2366	-68.82	-13.00	55.82	Horizontal
2699.1398	-36.47	-13.00	23.47	Horizontal
5553.5851	-59.93	-13.00	46.93	Horizontal
16399.4466	-44.59	-13.00	31.59	Horizontal
17997.4999	-46.19	-13.00	33.19	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.1560	-64.31	-13.00	51.31	Vertical
617.7039	-64.20	-13.00	51.20	Vertical
3747.0249	-58.20	-13.00	45.20	Vertical
5620.5874	-60.78	-13.00	47.78	Vertical
14481.3827	-48.23	-13.00	35.23	Vertical
44.8902	-63.47	-13.00	50.47	Horizontal
243.7017	-68.70	-13.00	55.70	Horizontal
3747.0249	-59.98	-13.00	46.98	Horizontal
5620.5874	-60.59	-13.00	47.59	Horizontal
16381.9461	-44.42	-13.00	31.42	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
 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



7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
115.0248	-64.55	-13.00	51.55	Vertical
605.8693	-64.01	-13.00	51.01	Vertical
3792.0264	-59.83	-13.00	46.83	Vertical
5688.0896	-59.88	-13.00	46.88	Vertical
14499.3833	-47.55	-13.00	34.55	Vertical
17989.4997	-41.50	-13.00	28.50	Vertical
43.0957	-64.35	-13.00	51.35	Horizontal
231.3336	-68.36	-13.00	55.36	Horizontal
3792.0264	-56.95	-13.00	43.95	Horizontal
5688.0896	-59.17	-13.00	46.17	Horizontal
16398.4466	-44.75	-13.00	31.75	Horizontal
17998.5000	-46.01	-13.00	33.01	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 had been displayed..





8. Frequency Stability

8.1. Frequency Vs Voltage

Voltage										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	VL	NT	2.70	0.001452	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VN	NT	-5.90	-0.003172	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	VH	NT	-6.10	-0.003280	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VL	NT	-7.30	-0.003878	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VN	NT	0.00	0.000000	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	VH	NT	6.70	0.003559	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VL	NT	1.80	0.000945	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VN	NT	-8.10	-0.004252	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	VH	NT	-8.90	-0.004672	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VL	NT	-0.40	-0.000215	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VN	NT	-3.60	-0.001935	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	VH	NT	5.10	0.002742	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VL	NT	5.00	0.002656	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VN	NT	3.10	0.001647	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	VH	NT	7.90	0.004197	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VL	NT	0.20	0.000105	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VN	NT	1.20	0.000630	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	VH	NT	0.40	0.000210	±2.5	PASS

8.2. Frequency Vs Temperature

Temperature										
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band25	20MHz	QPSK	26140	100RB#0	NV	-30	4.30	0.002312	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	-20	-0.80	-0.000430	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	0	-7.30	-0.003925	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	10	6.00	0.003226	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	20	0.40	0.000215	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	30	-4.00	-0.002151	±2.5	PASS
Band25	20MHz	QPSK	26140	100RB#0	NV	40	-10.70	-0.005753	±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-Documents.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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Laboratory

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



Band25	20MHz	QPSK	26140	100RB#0	NV	50	1.10	0.000591	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-30	0.80	0.000425	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	-20	-4.50	-0.002390	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	0	-11.50	-0.006109	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	10	3.50	0.001859	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	20	-1.60	-0.000850	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	30	-5.40	-0.002869	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	40	-10.60	-0.005631	±2.5	PASS
Band25	20MHz	QPSK	26365	100RB#0	NV	50	7.60	0.004037	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-30	0.30	0.000157	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	-20	-10.10	-0.005302	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	0	-1.20	-0.000630	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	10	7.40	0.003885	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	20	-0.90	-0.000472	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	30	-7.70	-0.004042	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	40	3.40	0.001785	±2.5	PASS
Band25	20MHz	QPSK	26590	100RB#0	NV	50	-3.80	-0.001995	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-30	-9.50	-0.005108	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	-20	-5.40	-0.002903	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	0	-2.70	-0.001452	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	10	-0.20	-0.000108	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	20	2.60	0.001398	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	30	4.60	0.002473	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	40	6.30	0.003387	±2.5	PASS
Band25	20MHz	16QAM	26140	100RB#0	NV	50	7.90	0.004247	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-30	-10.50	-0.005578	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	-20	-8.60	-0.004568	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	0	-7.00	-0.003718	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	10	-5.20	-0.002762	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	20	-4.00	-0.002125	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	30	-3.30	-0.001753	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	40	-2.20	-0.001169	±2.5	PASS
Band25	20MHz	16QAM	26365	100RB#0	NV	50	-1.30	-0.000691	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-30	1.60	0.000840	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	-20	2.40	0.001260	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	0	2.40	0.001260	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	10	3.80	0.001995	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	20	4.00	0.002100	±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-Documents.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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (CMAA) Laboratory

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



Band25	20MHz	16QAM	26590	100RB#0	NV	30	4.80	0.002520	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	40	2.90	0.001522	±2.5	PASS
Band25	20MHz	16QAM	26590	100RB#0	NV	50	2.60	0.001365	±2.5	PASS

The End

