



Appendix B

E-UTRA Band 66



Unless otherwise agreed in writing, this document is issued by the 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).....	20
2.1.	TEST RESULT.....	20
2.2.	TEST PLOTS.....	21
3.	MODULATION CHARACTERISTICS.....	27
3.1.	TEST MODE = LTE /TM1 20MHZ.....	27
3.1.1.	TEST CHANNEL = MCH.....	27
3.2.	TEST MODE = LTE /TM2 20MHZ.....	28
3.2.1.	TEST CHANNEL = MCH.....	28
3.3.	TEST MODE = LTE /TM3 20MHZ.....	29
3.3.1.	TEST CHANNEL = MCH.....	29
3.4.	TEST MODE = LTE /TM4 20MHZ.....	30
3.4.1.	TEST CHANNEL = MCH.....	30
4.	26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....	31
4.1.	TEST RESULT.....	31
4.2.	TEST PLOTS.....	34
5.	BAND EDGE COMPLIANCE.....	70
5.1.	TEST PLOTS.....	70
6.	SPURIOUS EMISSION AT ANTENNA TERMINAL.....	83
6.1.	TEST PLOTS.....	83
7.	FIELD STRENGTH OF SPURIOUS RADIATION.....	87
7.1.	TEST BAND = BAND 66.....	87
7.1.1.	Test Channel = Low Channel.....	87
7.2.	TEST BAND = BAND 66.....	88
7.2.1.	Test Channel = Low Channel.....	88
7.3.	TEST BAND = BAND 66.....	89
7.3.1.	Test Channel = Mid Channel.....	89
7.4.	TEST BAND = BAND 66.....	90



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



7.4.1.	Test Channel = Low Channel.....	90
7.5.	TEST BAND = BAND 66.....	91
7.5.1.	Test Channel = High Channel.....	91
7.6.	TEST BAND = BAND 66.....	92
7.6.1.	Test Channel = High Channel.....	92
8.	FREQUENCY STABILITY.....	93
8.1.	FREQUENCY VS VOLTAGE.....	93
8.2.	FREQUENCY VS TEMPERATURE.....	94



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



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#2	23.40	27.16	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.35	27.11	30.00	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.36	27.12	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.42	27.18	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.38	27.14	30.00	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.41	27.17	30.00	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.36	26.12	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.33	27.09	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.33	27.09	30.00	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.33	27.09	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.36	27.12	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.31	27.07	30.00	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.36	27.12	30.00	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.31	26.07	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.25	27.01	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.21	26.97	30.00	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.22	26.98	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.28	27.04	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.25	27.01	30.00	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.27	27.03	30.00	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.24	26	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.61	25.37	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.65	25.41	30.00	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.65	25.41	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#0	21.59	25.35	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	21.60	25.36	30.00	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	21.59	25.35	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band66	1.4MHz	64QAM	131979	6RB#0	20.51	24.27	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.48	25.24	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.51	25.27	30.00	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.41	25.17	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	21.43	25.19	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	21.54	25.3	30.00	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	21.43	25.19	30.00	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.48	24.24	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.30	25.06	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.33	25.09	30.00	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.28	25.04	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	21.30	25.06	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	21.27	25.03	30.00	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	21.31	25.07	30.00	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.36	24.12	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#0	18.91	22.67	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#2	18.97	22.73	30.00	PASS
Band66	1.4MHz	256QAM	131979	1RB#5	18.89	22.65	30.00	PASS
Band66	1.4MHz	256QAM	131979	3RB#3	18.82	22.58	30.00	PASS
Band66	1.4MHz	256QAM	131979	3RB#0	18.80	22.56	30.00	PASS
Band66	1.4MHz	256QAM	131979	3RB#1	18.83	22.59	30.00	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	18.69	22.45	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#5	18.85	22.61	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#2	18.88	22.64	30.00	PASS
Band66	1.4MHz	256QAM	132322	1RB#0	18.88	22.64	30.00	PASS
Band66	1.4MHz	256QAM	132322	3RB#3	18.68	22.44	30.00	PASS
Band66	1.4MHz	256QAM	132322	3RB#0	18.74	22.5	30.00	PASS
Band66	1.4MHz	256QAM	132322	3RB#1	18.75	22.51	30.00	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	18.63	22.39	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#0	18.76	22.52	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#5	18.73	22.49	30.00	PASS
Band66	1.4MHz	256QAM	132665	1RB#2	18.77	22.53	30.00	PASS
Band66	1.4MHz	256QAM	132665	3RB#0	18.63	22.39	30.00	PASS



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



Band66	1.4MHz	256QAM	132665	3RB#3	18.63	22.39	30.00	PASS
Band66	1.4MHz	256QAM	132665	3RB#1	18.64	22.4	30.00	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	18.54	22.3	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.64	26.4	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.56	26.32	30.00	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.65	26.41	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.46	26.22	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.46	26.22	30.00	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.51	26.27	30.00	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.55	25.31	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.59	26.35	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.50	26.26	30.00	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.64	26.4	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.44	26.2	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#3	22.41	26.17	30.00	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.48	26.24	30.00	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.38	25.14	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.39	26.15	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.50	26.26	30.00	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.54	26.3	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.39	26.15	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.38	26.14	30.00	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.33	26.09	30.00	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.30	25.06	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.37	27.13	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.36	27.12	30.00	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.40	27.16	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.35	26.11	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.33	26.09	30.00	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.37	26.13	30.00	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.33	26.09	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.32	27.08	30.00	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.31	27.07	30.00	PASS



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



Band66	3MHz	QPSK	132322	1RB#14	23.32	27.08	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.31	26.07	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.35	26.11	30.00	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.31	26.07	30.00	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.30	26.06	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.21	26.97	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.23	26.99	30.00	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.21	26.97	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.22	25.98	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.19	25.95	30.00	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.23	25.99	30.00	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.23	25.99	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.56	25.32	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#0	21.63	25.39	30.00	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.65	25.41	30.00	PASS
Band66	3MHz	64QAM	131987	8RB#7	20.48	24.24	30.00	PASS
Band66	3MHz	64QAM	131987	8RB#0	20.51	24.27	30.00	PASS
Band66	3MHz	64QAM	131987	8RB#4	20.53	24.29	30.00	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.54	24.3	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.44	25.2	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.46	25.22	30.00	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.41	25.17	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#4	20.42	24.18	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#7	20.47	24.23	30.00	PASS
Band66	3MHz	64QAM	132322	8RB#0	20.48	24.24	30.00	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.46	24.22	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.29	25.05	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.26	25.02	30.00	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.29	25.05	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#4	20.34	24.1	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#7	20.36	24.12	30.00	PASS
Band66	3MHz	64QAM	132657	8RB#0	20.35	24.11	30.00	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.35	24.11	30.00	PASS



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



Band66	3MHz	256QAM	131987	1RB#14	18.95	22.71	30.00	PASS
Band66	3MHz	256QAM	131987	1RB#8	18.89	22.65	30.00	PASS
Band66	3MHz	256QAM	131987	1RB#0	18.93	22.69	30.00	PASS
Band66	3MHz	256QAM	131987	8RB#0	18.80	22.56	30.00	PASS
Band66	3MHz	256QAM	131987	8RB#4	18.74	22.5	30.00	PASS
Band66	3MHz	256QAM	131987	8RB#7	18.79	22.55	30.00	PASS
Band66	3MHz	256QAM	131987	15RB#0	18.80	22.56	30.00	PASS
Band66	3MHz	256QAM	132322	1RB#8	18.85	22.61	30.00	PASS
Band66	3MHz	256QAM	132322	1RB#0	18.91	22.67	30.00	PASS
Band66	3MHz	256QAM	132322	1RB#14	18.74	22.5	30.00	PASS
Band66	3MHz	256QAM	132322	8RB#0	18.69	22.45	30.00	PASS
Band66	3MHz	256QAM	132322	8RB#7	18.66	22.42	30.00	PASS
Band66	3MHz	256QAM	132322	8RB#4	18.63	22.39	30.00	PASS
Band66	3MHz	256QAM	132322	15RB#0	18.64	22.4	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#14	18.68	22.44	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#8	18.78	22.54	30.00	PASS
Band66	3MHz	256QAM	132657	1RB#0	18.75	22.51	30.00	PASS
Band66	3MHz	256QAM	132657	8RB#4	18.54	22.3	30.00	PASS
Band66	3MHz	256QAM	132657	8RB#7	18.61	22.37	30.00	PASS
Band66	3MHz	256QAM	132657	8RB#0	18.60	22.36	30.00	PASS
Band66	3MHz	256QAM	132657	15RB#0	18.56	22.32	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.59	26.35	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.74	26.5	30.00	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.62	26.38	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.54	25.3	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.55	25.31	30.00	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.52	25.28	30.00	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.50	25.26	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.51	26.27	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.51	26.27	30.00	PASS
Band66	3MHz	16QAM	132322	1RB#0	22.49	26.25	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.49	25.25	30.00	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.48	25.24	30.00	PASS



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



Band66	3MHz	16QAM	132322	8RB#0	21.33	25.09	30.00	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.43	25.19	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.55	26.31	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.47	26.23	30.00	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.44	26.2	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.20	24.96	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.26	25.02	30.00	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.24	25	30.00	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.21	24.97	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.49	27.25	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.40	27.16	30.00	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.48	27.24	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.38	26.14	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.35	26.11	30.00	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.37	26.13	30.00	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.42	26.18	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.37	27.13	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.40	27.16	30.00	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.35	27.11	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.35	26.11	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.36	26.12	30.00	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.34	26.1	30.00	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.31	26.07	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.25	27.01	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.24	27	30.00	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.29	27.05	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#6	22.24	26	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.26	26.02	30.00	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.21	25.97	30.00	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.26	26.02	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.57	25.33	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.64	25.4	30.00	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.62	25.38	30.00	PASS



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



Band66	5MHz	64QAM	131997	12RB#6	20.46	24.22	30.00	PASS
Band66	5MHz	64QAM	131997	12RB#0	20.54	24.3	30.00	PASS
Band66	5MHz	64QAM	131997	12RB#13	20.55	24.31	30.00	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.51	24.27	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.48	25.24	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.43	25.19	30.00	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.44	25.2	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#13	20.46	24.22	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#6	20.46	24.22	30.00	PASS
Band66	5MHz	64QAM	132322	12RB#0	20.50	24.26	30.00	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.47	24.23	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.34	25.1	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.29	25.05	30.00	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.27	25.03	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#13	20.30	24.06	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#0	20.41	24.17	30.00	PASS
Band66	5MHz	64QAM	132647	12RB#6	20.41	24.17	30.00	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.41	24.17	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#24	19.00	22.76	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#12	18.94	22.7	30.00	PASS
Band66	5MHz	256QAM	131997	1RB#0	18.98	22.74	30.00	PASS
Band66	5MHz	256QAM	131997	12RB#13	18.81	22.57	30.00	PASS
Band66	5MHz	256QAM	131997	12RB#6	18.81	22.57	30.00	PASS
Band66	5MHz	256QAM	131997	12RB#0	18.77	22.53	30.00	PASS
Band66	5MHz	256QAM	131997	25RB#0	18.83	22.59	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#24	18.78	22.54	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#12	18.83	22.59	30.00	PASS
Band66	5MHz	256QAM	132322	1RB#0	18.83	22.59	30.00	PASS
Band66	5MHz	256QAM	132322	12RB#0	18.68	22.44	30.00	PASS
Band66	5MHz	256QAM	132322	12RB#6	18.69	22.45	30.00	PASS
Band66	5MHz	256QAM	132322	12RB#13	18.67	22.43	30.00	PASS
Band66	5MHz	256QAM	132322	25RB#0	18.70	22.46	30.00	PASS
Band66	5MHz	256QAM	132647	1RB#12	18.80	22.56	30.00	PASS



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



Band66	5MHz	256QAM	132647	1RB#24	18.77	22.53	30.00	PASS
Band66	5MHz	256QAM	132647	1RB#0	18.72	22.48	30.00	PASS
Band66	5MHz	256QAM	132647	12RB#6	18.61	22.37	30.00	PASS
Band66	5MHz	256QAM	132647	12RB#13	18.60	22.36	30.00	PASS
Band66	5MHz	256QAM	132647	12RB#0	18.61	22.37	30.00	PASS
Band66	5MHz	256QAM	132647	25RB#0	18.63	22.39	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#12	22.73	26.49	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.70	26.46	30.00	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.65	26.41	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.51	25.27	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.57	25.33	30.00	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.55	25.31	30.00	PASS
Band66	5MHz	16QAM	131997	25RB#0	21.54	25.3	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.58	26.34	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.58	26.34	30.00	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.54	26.3	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.38	25.14	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.46	25.22	30.00	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.37	25.13	30.00	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.46	25.22	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.50	26.26	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.51	26.27	30.00	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.46	26.22	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.25	25.01	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.24	25	30.00	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.28	25.04	30.00	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.23	24.99	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.45	27.21	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.40	27.16	30.00	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.49	27.25	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.42	26.18	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.35	26.11	30.00	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.30	26.06	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band66	10MHz	QPSK	132022	50RB#0	22.43	26.19	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.33	27.09	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.39	27.15	30.00	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.35	27.11	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.37	26.13	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.36	26.12	30.00	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.34	26.1	30.00	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.40	26.16	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.27	27.03	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#24	23.27	27.03	30.00	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.22	26.98	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.26	26.02	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.29	26.05	30.00	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.27	26.03	30.00	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.29	26.05	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.58	25.34	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.59	25.35	30.00	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.47	25.23	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#12	20.56	24.32	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.49	24.25	30.00	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.55	24.31	30.00	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.55	24.31	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.34	25.1	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.46	25.22	30.00	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.46	25.22	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#12	20.47	24.23	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.51	24.27	30.00	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.50	24.26	30.00	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.45	24.21	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.35	25.11	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.36	25.12	30.00	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.40	25.16	30.00	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.38	24.14	30.00	PASS



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



Band66	10MHz	64QAM	132622	25RB#12	20.34	24.1	30.00	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.43	24.19	30.00	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.40	24.16	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#24	18.97	22.73	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#49	18.91	22.67	30.00	PASS
Band66	10MHz	256QAM	132022	1RB#0	18.90	22.66	30.00	PASS
Band66	10MHz	256QAM	132022	25RB#0	18.83	22.59	30.00	PASS
Band66	10MHz	256QAM	132022	25RB#12	18.81	22.57	30.00	PASS
Band66	10MHz	256QAM	132022	25RB#25	18.91	22.67	30.00	PASS
Band66	10MHz	256QAM	132022	50RB#0	18.83	22.59	30.00	PASS
Band66	10MHz	256QAM	132322	1RB#0	18.89	22.65	30.00	PASS
Band66	10MHz	256QAM	132322	1RB#24	18.82	22.58	30.00	PASS
Band66	10MHz	256QAM	132322	1RB#49	18.77	22.53	30.00	PASS
Band66	10MHz	256QAM	132322	25RB#0	18.68	22.44	30.00	PASS
Band66	10MHz	256QAM	132322	25RB#12	18.75	22.51	30.00	PASS
Band66	10MHz	256QAM	132322	25RB#25	18.77	22.53	30.00	PASS
Band66	10MHz	256QAM	132322	50RB#0	18.71	22.47	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#0	18.70	22.46	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#24	18.79	22.55	30.00	PASS
Band66	10MHz	256QAM	132622	1RB#49	18.79	22.55	30.00	PASS
Band66	10MHz	256QAM	132622	25RB#12	18.59	22.35	30.00	PASS
Band66	10MHz	256QAM	132622	25RB#0	18.68	22.44	30.00	PASS
Band66	10MHz	256QAM	132622	25RB#25	18.69	22.45	30.00	PASS
Band66	10MHz	256QAM	132622	50RB#0	18.69	22.45	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.61	26.37	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.72	26.48	30.00	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.72	26.48	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#25	21.56	25.32	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.53	25.29	30.00	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.46	25.22	30.00	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.52	25.28	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.69	26.45	30.00	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.59	26.35	30.00	PASS



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



Band66	10MHz	16QAM	132322	1RB#49	22.56	26.32	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.33	25.09	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.37	25.13	30.00	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.28	25.04	30.00	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.34	25.1	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.46	26.22	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.44	26.2	30.00	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.54	26.3	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.23	24.99	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.20	24.96	30.00	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.24	25	30.00	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.24	25	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.31	27.07	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.48	27.24	30.00	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.38	27.14	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.29	26.05	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.38	26.14	30.00	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.33	26.09	30.00	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.40	26.16	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.31	27.07	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.27	27.03	30.00	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.34	27.1	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#18	22.33	26.09	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.35	26.11	30.00	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.35	26.11	30.00	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.34	26.1	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.27	27.03	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.19	26.95	30.00	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.19	26.95	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.24	26	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.28	26.04	30.00	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.26	26.02	30.00	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.26	26.02	30.00	PASS



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



Band66	15MHz	64QAM	132047	1RB#0	21.59	25.35	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.57	25.33	30.00	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.49	25.25	30.00	PASS
Band66	15MHz	64QAM	132047	36RB#39	20.49	24.25	30.00	PASS
Band66	15MHz	64QAM	132047	36RB#0	20.41	24.17	30.00	PASS
Band66	15MHz	64QAM	132047	36RB#18	20.50	24.26	30.00	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.54	24.3	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.40	25.16	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.32	25.08	30.00	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.51	25.27	30.00	PASS
Band66	15MHz	64QAM	132322	36RB#18	20.49	24.25	30.00	PASS
Band66	15MHz	64QAM	132322	36RB#0	20.48	24.24	30.00	PASS
Band66	15MHz	64QAM	132322	36RB#39	20.48	24.24	30.00	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.41	24.17	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.35	25.11	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.30	25.06	30.00	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.35	25.11	30.00	PASS
Band66	15MHz	64QAM	132597	36RB#39	20.39	24.15	30.00	PASS
Band66	15MHz	64QAM	132597	36RB#18	20.37	24.13	30.00	PASS
Band66	15MHz	64QAM	132597	36RB#0	20.42	24.18	30.00	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.42	24.18	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#74	18.94	22.7	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#38	19.00	22.76	30.00	PASS
Band66	15MHz	256QAM	132047	1RB#0	18.91	22.67	30.00	PASS
Band66	15MHz	256QAM	132047	36RB#0	18.73	22.49	30.00	PASS
Band66	15MHz	256QAM	132047	36RB#18	18.75	22.51	30.00	PASS
Band66	15MHz	256QAM	132047	36RB#39	18.86	22.62	30.00	PASS
Band66	15MHz	256QAM	132047	75RB#0	18.73	22.49	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#38	18.84	22.6	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#0	18.88	22.64	30.00	PASS
Band66	15MHz	256QAM	132322	1RB#74	18.79	22.55	30.00	PASS
Band66	15MHz	256QAM	132322	36RB#0	18.72	22.48	30.00	PASS
Band66	15MHz	256QAM	132322	36RB#39	18.70	22.46	30.00	PASS



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



Band66	15MHz	256QAM	132322	36RB#18	18.68	22.44	30.00	PASS
Band66	15MHz	256QAM	132322	75RB#0	18.69	22.45	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#38	18.76	22.52	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#74	18.75	22.51	30.00	PASS
Band66	15MHz	256QAM	132597	1RB#0	18.71	22.47	30.00	PASS
Band66	15MHz	256QAM	132597	36RB#39	18.68	22.44	30.00	PASS
Band66	15MHz	256QAM	132597	36RB#18	18.65	22.41	30.00	PASS
Band66	15MHz	256QAM	132597	36RB#0	18.61	22.37	30.00	PASS
Band66	15MHz	256QAM	132597	75RB#0	18.63	22.39	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#0	22.58	26.34	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.60	26.36	30.00	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.62	26.38	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.50	25.26	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.49	25.25	30.00	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.44	25.2	30.00	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.50	25.26	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.55	26.31	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.48	26.24	30.00	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.52	26.28	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.43	25.19	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.33	25.09	30.00	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.49	25.25	30.00	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.43	25.19	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.42	26.18	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.48	26.24	30.00	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.46	26.22	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.27	25.03	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.26	25.02	30.00	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.20	24.96	30.00	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.26	25.02	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.28	27.04	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.49	27.25	30.00	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.34	27.1	30.00	PASS



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



Band66	20MHz	QPSK	132072	50RB#0	22.29	26.05	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.37	26.13	30.00	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.40	26.16	30.00	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.38	26.14	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.37	27.13	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.22	26.98	30.00	PASS
Band66	20MHz	QPSK	132322	1RB#0	23.27	27.03	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.30	26.06	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.43	26.19	30.00	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.38	26.14	30.00	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.27	26.03	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.16	26.92	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.31	27.07	30.00	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.16	26.92	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.30	26.06	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.35	26.11	30.00	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.31	26.07	30.00	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.37	26.13	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.37	25.13	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.61	25.37	30.00	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.62	25.38	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.53	24.29	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#25	20.53	24.29	30.00	PASS
Band66	20MHz	64QAM	132072	50RB#0	20.39	24.15	30.00	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.46	24.22	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.33	25.09	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.46	25.22	30.00	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.36	25.12	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.44	24.2	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.45	24.21	30.00	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.47	24.23	30.00	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.45	24.21	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.38	25.14	30.00	PASS



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



Band66	20MHz	64QAM	132572	1RB#99	21.23	24.99	30.00	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.26	25.02	30.00	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.43	24.19	30.00	PASS
Band66	20MHz	64QAM	132572	50RB#0	20.48	24.24	30.00	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.43	24.19	30.00	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.50	24.26	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#0	18.93	22.69	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#99	18.85	22.61	30.00	PASS
Band66	20MHz	256QAM	132072	1RB#49	19.01	22.77	30.00	PASS
Band66	20MHz	256QAM	132072	50RB#50	18.78	22.54	30.00	PASS
Band66	20MHz	256QAM	132072	50RB#25	18.87	22.63	30.00	PASS
Band66	20MHz	256QAM	132072	50RB#0	18.70	22.46	30.00	PASS
Band66	20MHz	256QAM	132072	100RB#0	18.68	22.44	30.00	PASS
Band66	20MHz	256QAM	132322	1RB#0	18.79	22.55	30.00	PASS
Band66	20MHz	256QAM	132322	1RB#49	18.84	22.6	30.00	PASS
Band66	20MHz	256QAM	132322	1RB#99	18.74	22.5	30.00	PASS
Band66	20MHz	256QAM	132322	50RB#0	18.69	22.45	30.00	PASS
Band66	20MHz	256QAM	132322	50RB#25	18.75	22.51	30.00	PASS
Band66	20MHz	256QAM	132322	50RB#50	18.67	22.43	30.00	PASS
Band66	20MHz	256QAM	132322	100RB#0	18.67	22.43	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#49	18.80	22.56	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#99	18.66	22.42	30.00	PASS
Band66	20MHz	256QAM	132572	1RB#0	18.76	22.52	30.00	PASS
Band66	20MHz	256QAM	132572	50RB#0	18.72	22.48	30.00	PASS
Band66	20MHz	256QAM	132572	50RB#50	18.66	22.42	30.00	PASS
Band66	20MHz	256QAM	132572	50RB#25	18.65	22.41	30.00	PASS
Band66	20MHz	256QAM	132572	100RB#0	18.71	22.47	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.68	26.44	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.50	26.26	30.00	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.47	26.23	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.53	25.29	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.48	25.24	30.00	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.43	25.19	30.00	PASS



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



Band66	20MHz	16QAM	132072	100RB#0	21.44	25.2	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.46	26.22	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.63	26.39	30.00	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.48	26.24	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.52	25.28	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.30	25.06	30.00	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.35	25.11	30.00	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.41	25.17	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.41	26.17	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.50	26.26	30.00	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.37	26.13	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.28	25.04	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.27	25.03	30.00	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.29	25.05	30.00	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.25	25.01	30.00	PASS

Remark:

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

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

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

The conducted Power is measured by Base Station Simulator



Unless otherwise agreed in writing, this document is issued by the 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
Band66	20MHz	QPSK	132072	100RB#0	5.33	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.57	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.62	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.43	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.64	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.67	13	PASS
Band66	20MHz	256QAM	132072	100RB#0	6.67	13	PASS
Band66	20MHz	256QAM	132322	100RB#0	6.70	13	PASS
Band66	20MHz	256QAM	132572	100RB#0	6.70	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.49	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	6.58	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.61	13	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.

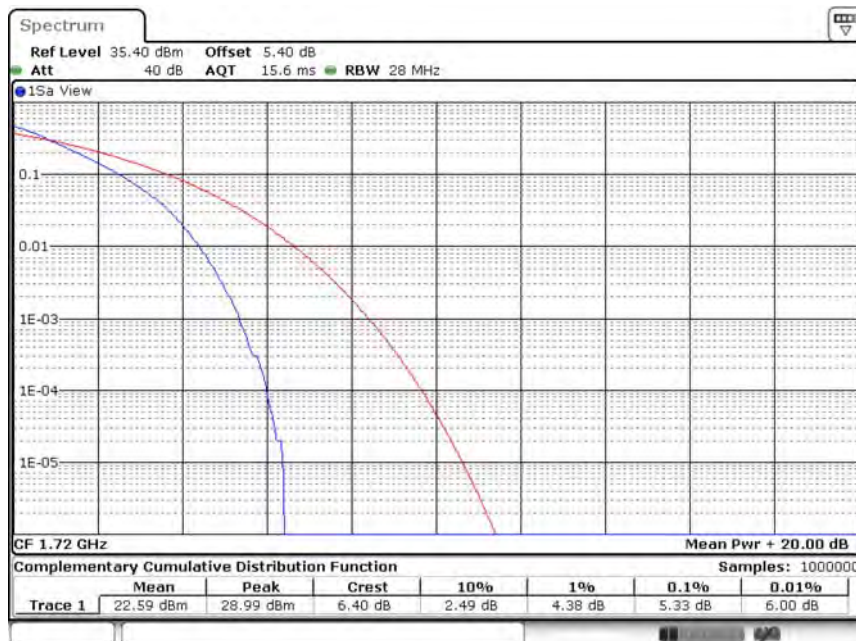
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

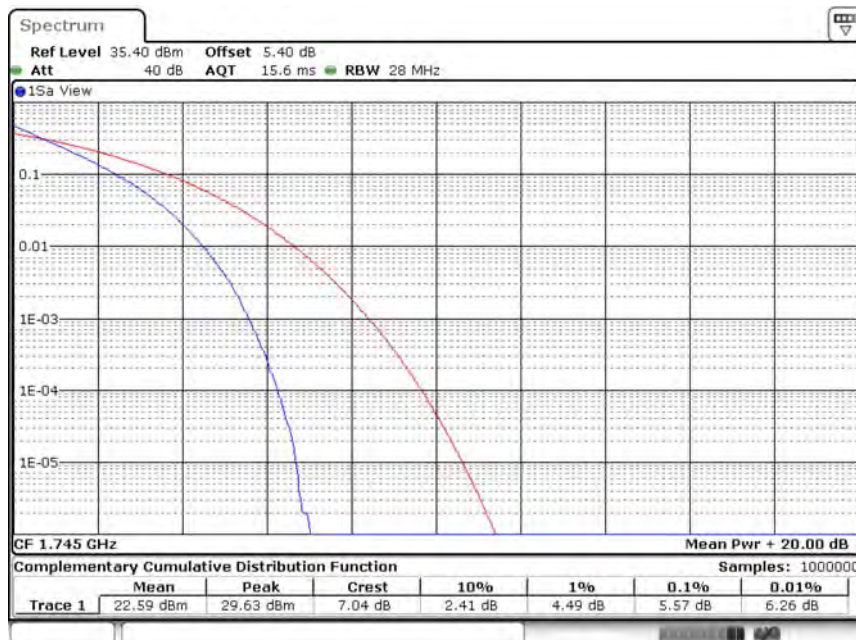
2.2. Test Plots

Band66-20MHz-QPSK-132072-100RB#0



Date: 5.MAY.2021 04:48:01

Band66-20MHz-QPSK-132322-100RB#0



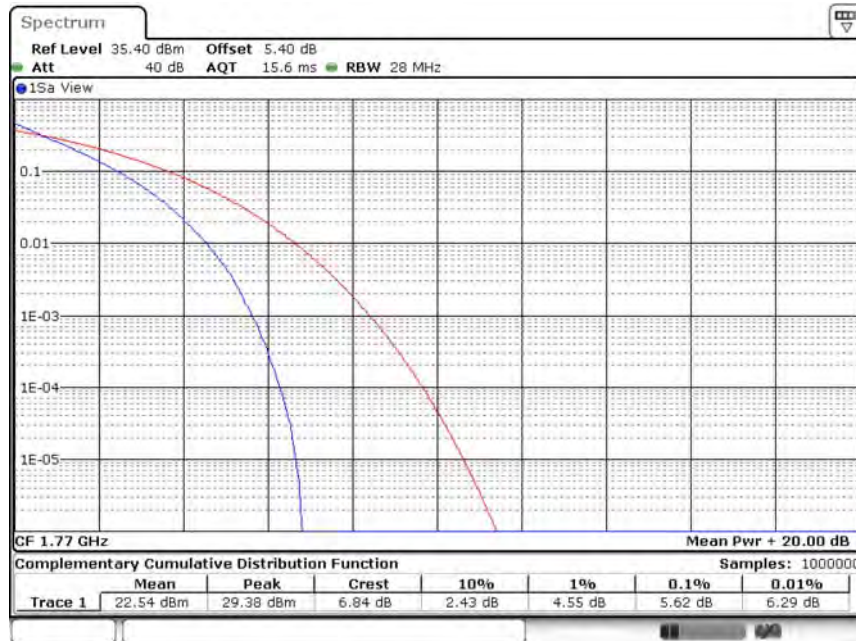
Date: 5.MAY.2021 04:48:24



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.

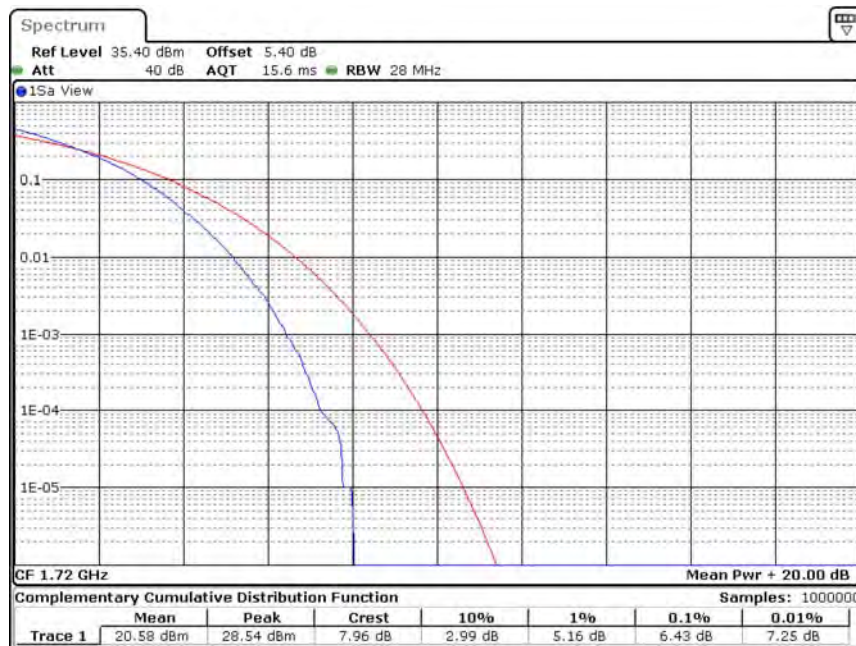
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-20MHz-QPSK-132572-100RB#0



Date: 5.MAY.2021 04:48:47

Band66-20MHz-64QAM-132072-100RB#0



Date: 16 MAY 2021 11:13:25



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
 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

Band66-20MHz-64QAM-132322-100RB#0



Date: 16 MAY 2021 11:13:36

Band66-20MHz-64QAM-132572-100RB#0



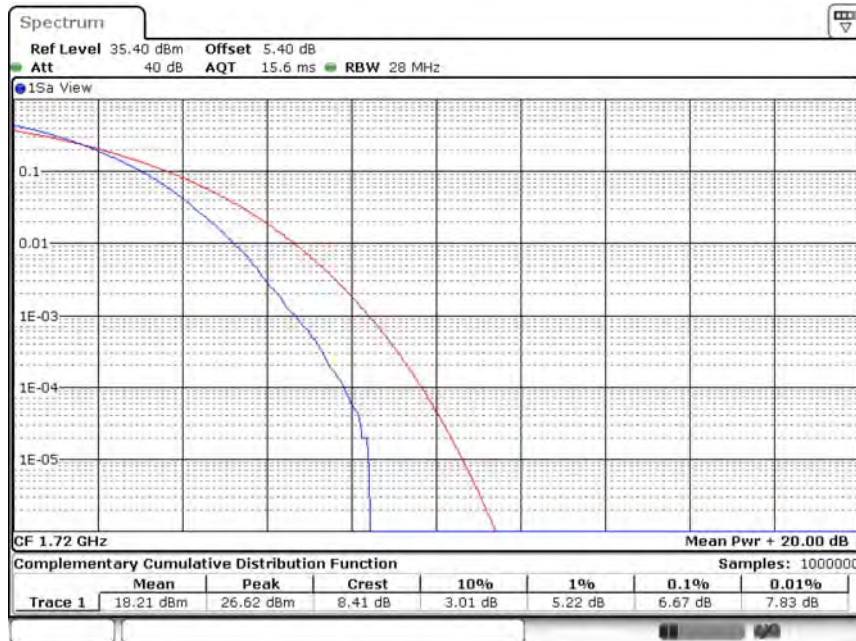
Date: 16 MAY 2021 11:13:47



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

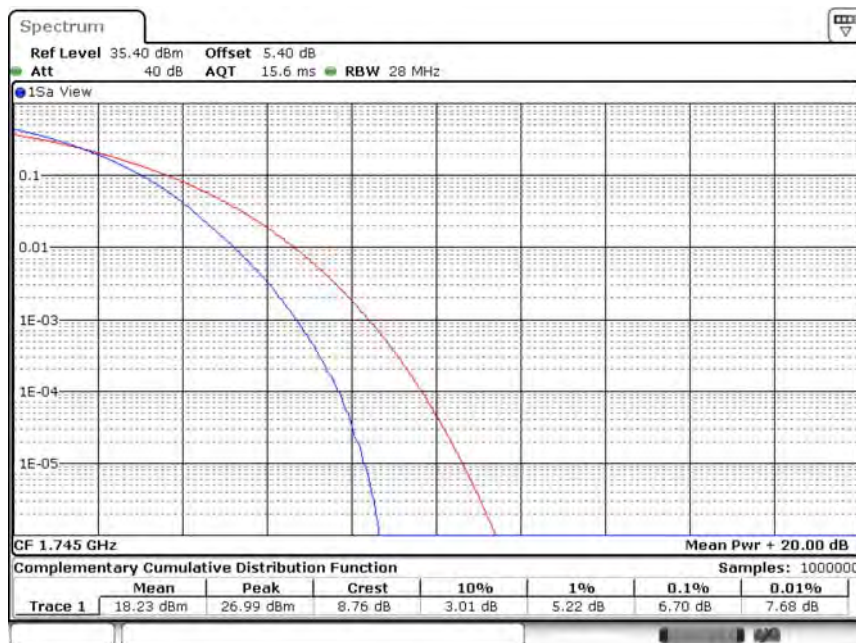
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-20MHz-256QAM-132072-100RB#0



Date: 7 MAY 2021 03:18:48

Band66-20MHz-256QAM-132322-100RB#0



Date: 7 MAY 2021 03:19:00



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

Band66-20MHz-256QAM-132572-100RB#0



Date: 7.MAY.2021 03:19:11

Band66-20MHz-16QAM-132072-100RB#0



Date: 5.MAY.2021 04:48:13



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

Band66-20MHz-16QAM-132322-100RB#0



Date: 5.MAY.2021 04:48:36

Band66-20MHz-16QAM-132572-100RB#0



Date: 5.MAY.2021 04:48:58

Remark: all modulation and all Bandwidth had been tested, but only the worst configuration was displayed in this report.



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

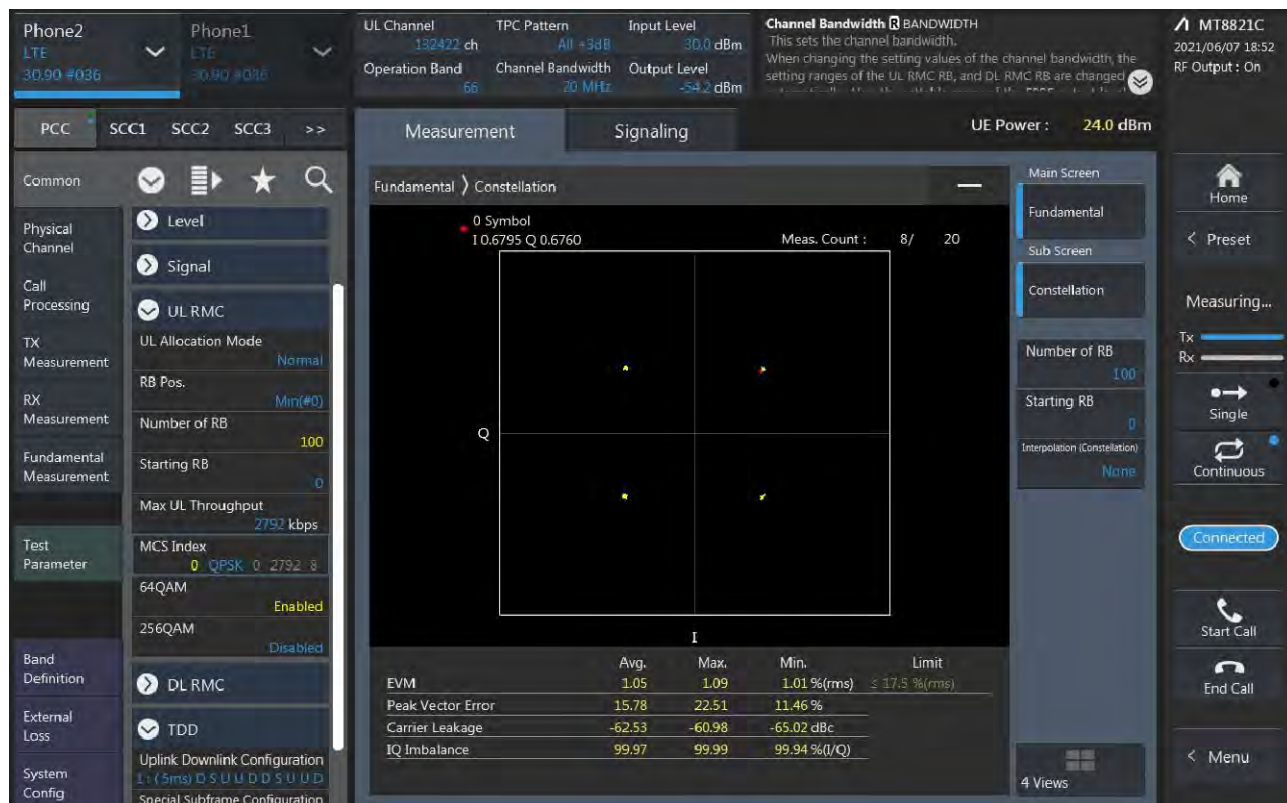
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

3. Modulation Characteristics

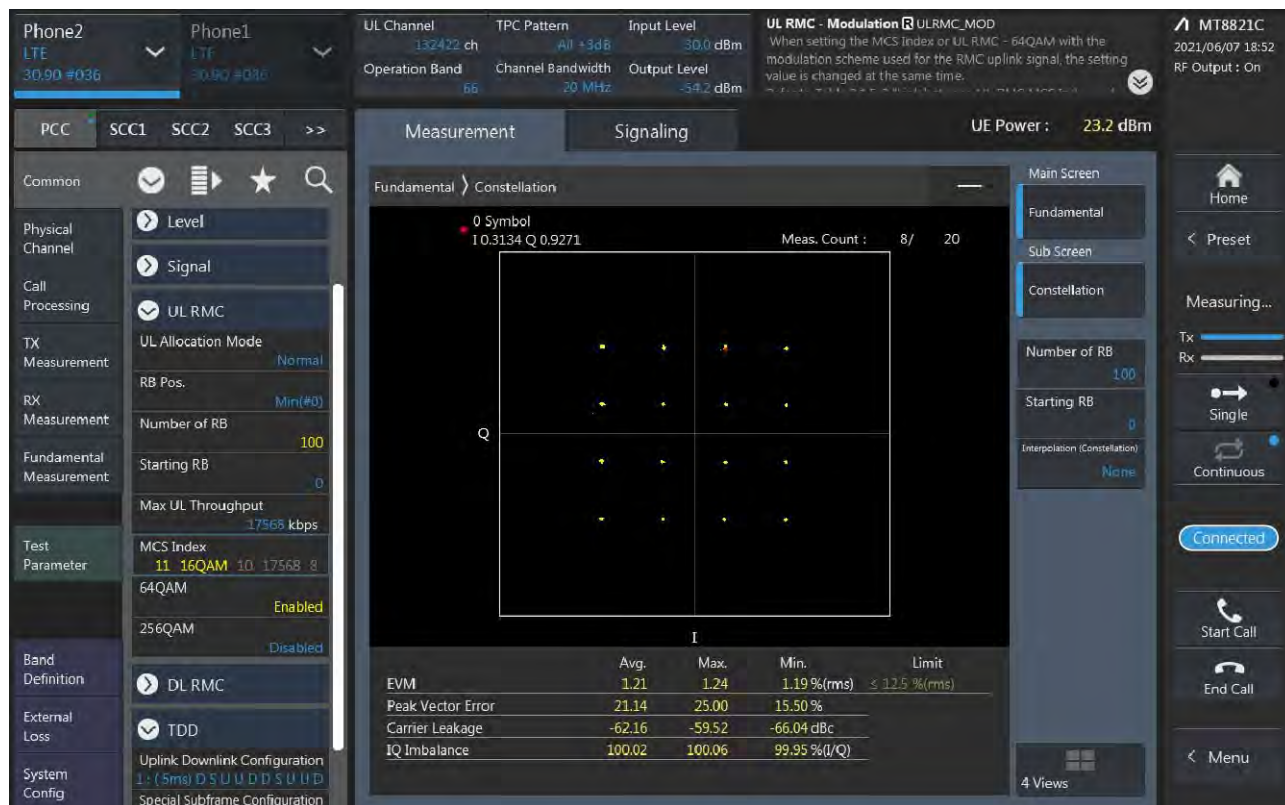
3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



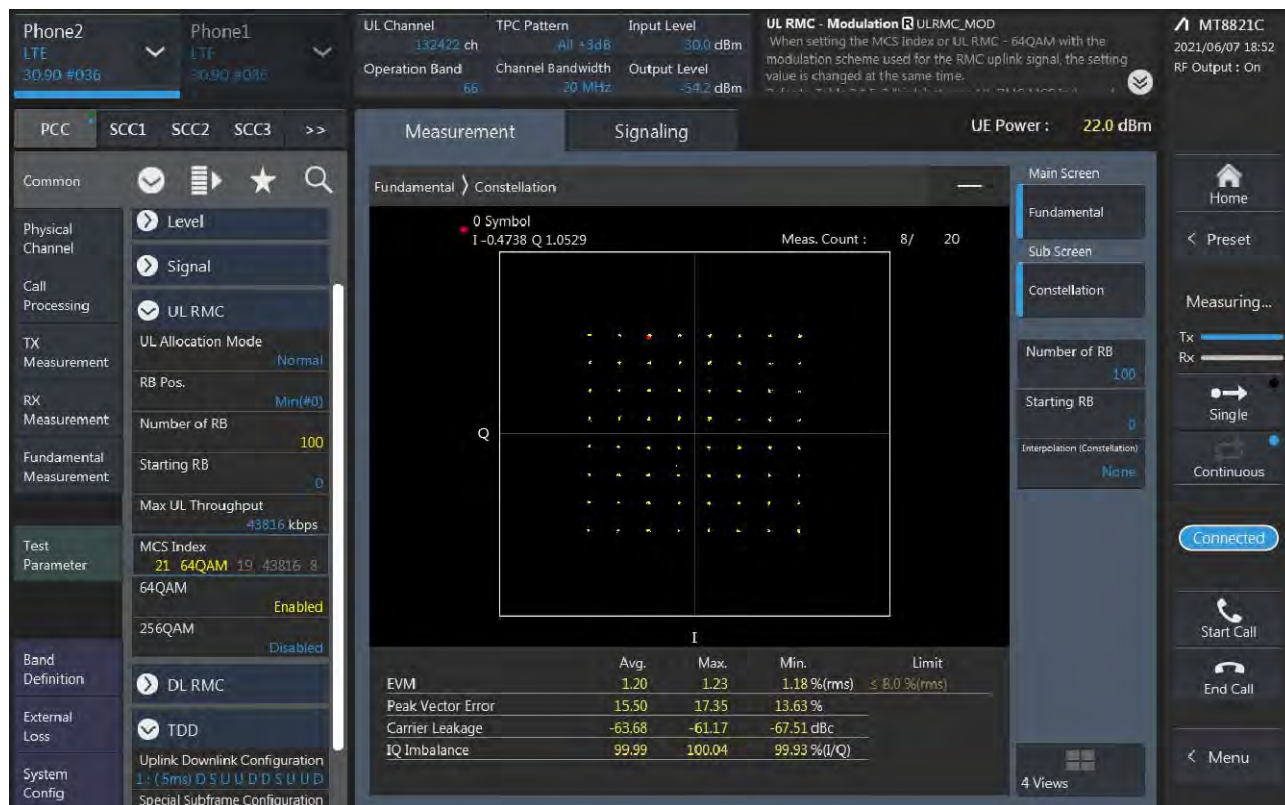
3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



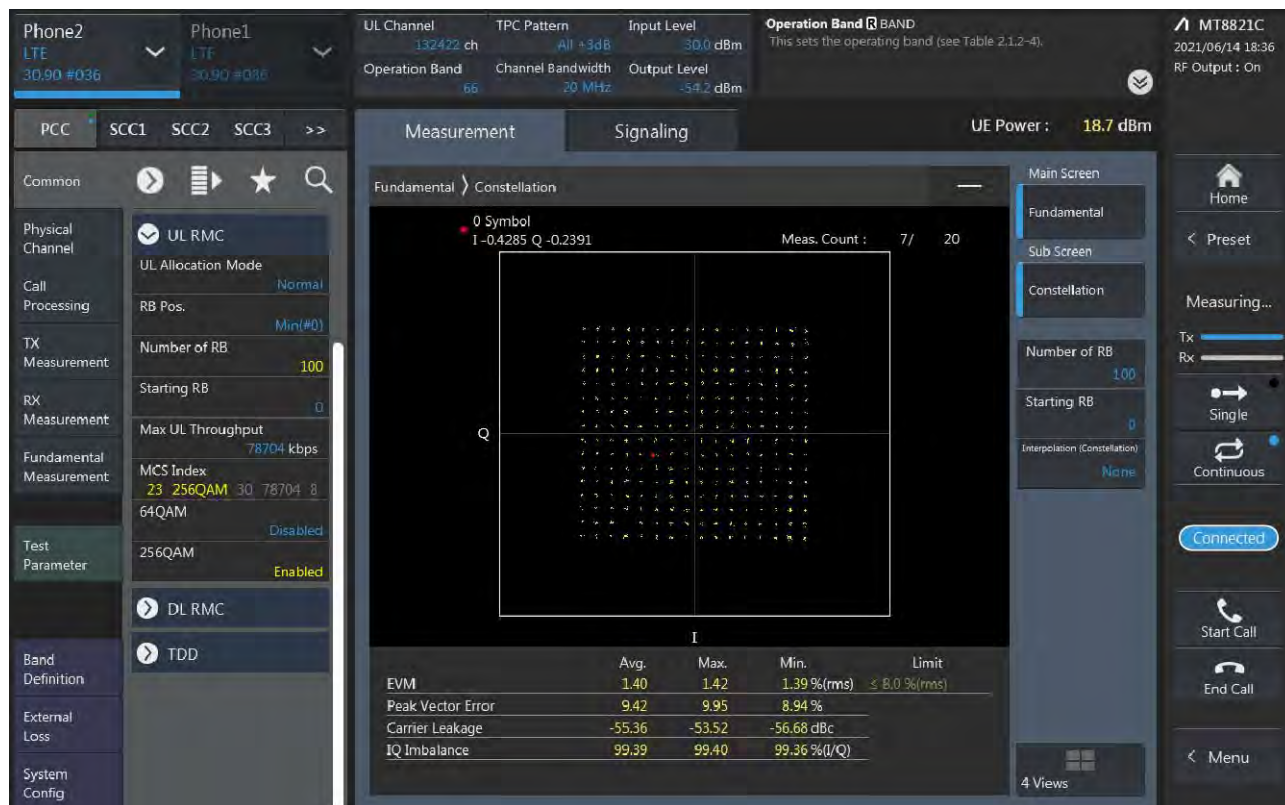
3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



3.4. Test Mode = LTE /TM4 20MHz

3.4.1. 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-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.

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



4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.091	1.293	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.284	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.094	1.284	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.094	1.287	PASS
Band66	1.4MHz	256QAM	131979	6RB#0	1.094	1.305	PASS
Band66	1.4MHz	256QAM	132322	6RB#0	1.094	1.296	PASS
Band66	1.4MHz	256QAM	132665	6RB#0	1.091	1.299	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.290	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.088	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.952	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.691	2.946	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.697	2.946	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.934	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.928	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.928	PASS
Band66	3MHz	256QAM	131987	15RB#0	2.685	2.952	PASS
Band66	3MHz	256QAM	132322	15RB#0	2.685	2.952	PASS
Band66	3MHz	256QAM	132657	15RB#0	2.685	2.952	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.679	2.928	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.685	2.934	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.679	2.934	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	4.860	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.476	4.870	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	4.860	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.476	4.860	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.476	4.860	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	4.840	PASS
Band66	5MHz	256QAM	131997	25RB#0	4.476	4.890	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band66	5MHz	256QAM	132322	25RB#0	4.476	4.880	PASS
Band66	5MHz	256QAM	132647	25RB#0	4.476	4.860	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.476	4.910	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.486	4.890	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.476	4.880	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.931	9.660	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.660	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.931	9.640	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.911	9.580	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.951	9.600	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.911	9.580	PASS
Band66	10MHz	256QAM	132022	50RB#0	8.931	9.600	PASS
Band66	10MHz	256QAM	132322	50RB#0	8.931	9.660	PASS
Band66	10MHz	256QAM	132622	50RB#0	8.951	9.640	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.931	9.660	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.931	9.660	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.911	9.680	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.457	14.760	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	14.760	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.457	14.730	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.427	14.700	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.457	14.820	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	14.820	PASS
Band66	15MHz	256QAM	132047	75RB#0	13.457	14.700	PASS
Band66	15MHz	256QAM	132322	75RB#0	13.487	14.850	PASS
Band66	15MHz	256QAM	132597	75RB#0	13.516	14.790	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.427	14.670	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.457	14.760	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.457	14.730	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.862	19.360	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.862	19.400	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.360	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.862	19.440	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.862	19.320	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.902	19.320	PASS
Band66	20MHz	256QAM	132072	100RB#0	17.862	19.200	PASS
Band66	20MHz	256QAM	132322	100RB#0	17.902	19.280	PASS
Band66	20MHz	256QAM	132572	100RB#0	17.902	19.560	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



Band66	20MHz	16QAM	132072	100RB#0	17.822	19.400	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.902	19.400	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.942	19.400	PASS

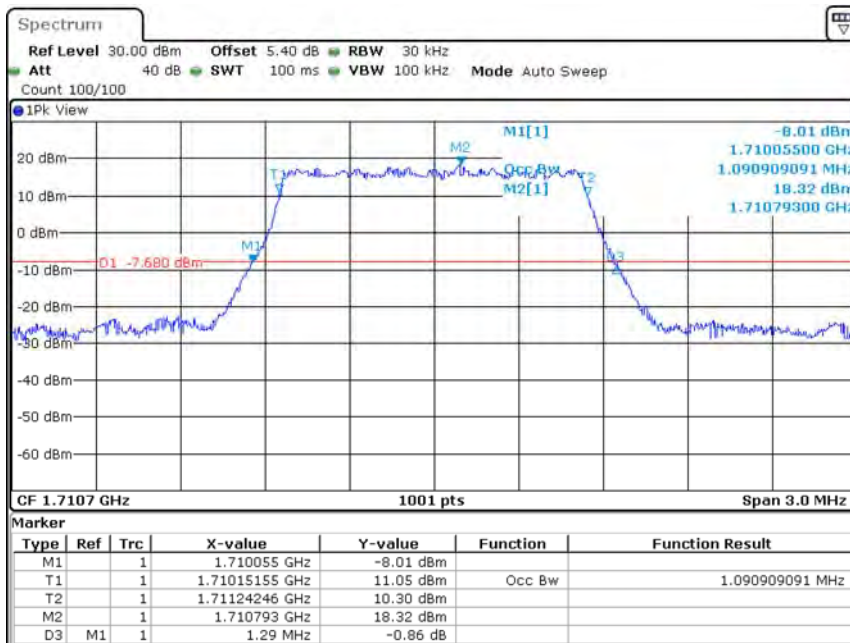


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

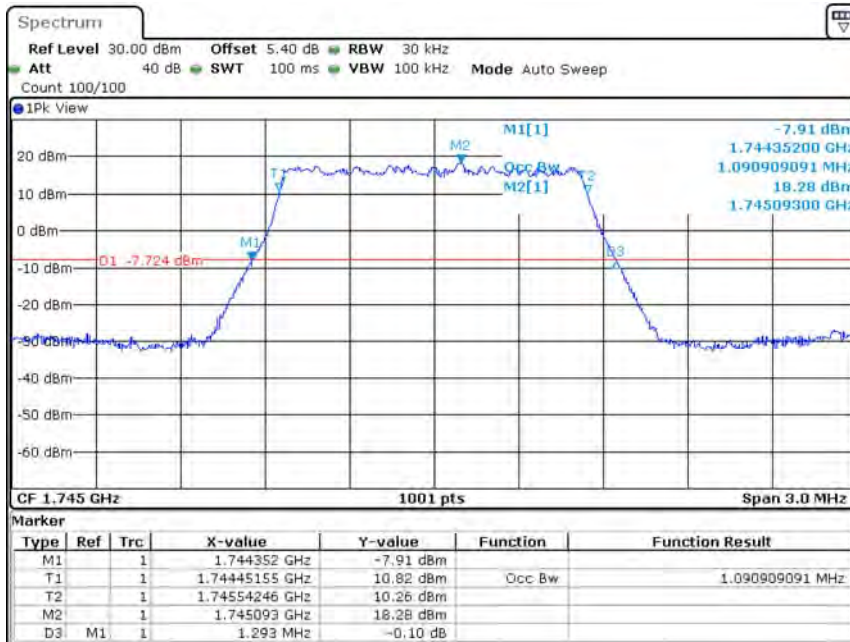
4.2. Test Plots

Band66-1.4MHz-QPSK-131979-6RB#0-1.091



Date: 16 MAY 2021 09:25:05

Band66-1.4MHz-QPSK-132322-6RB#0-1.091



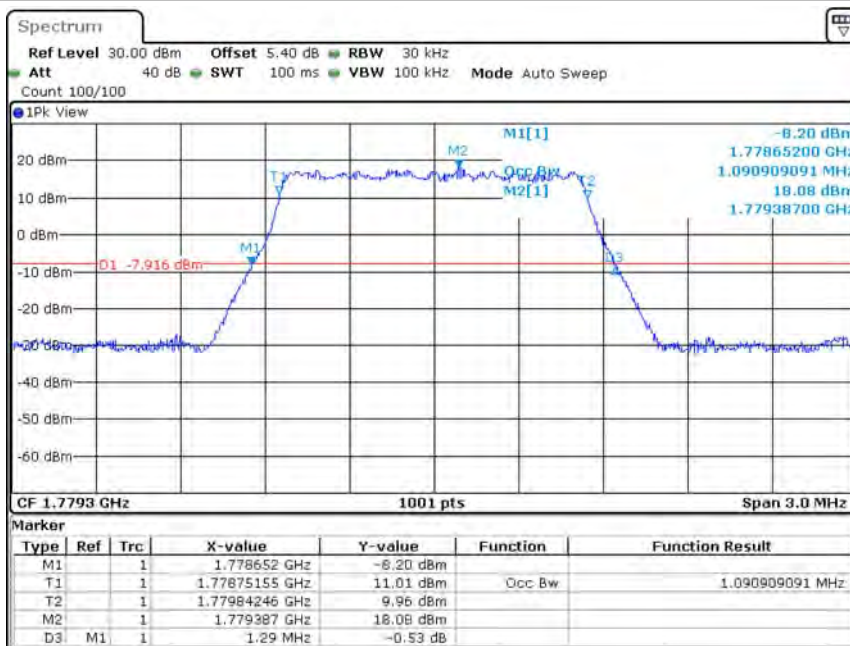
Date: 16 MAY 2021 09:25:44



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

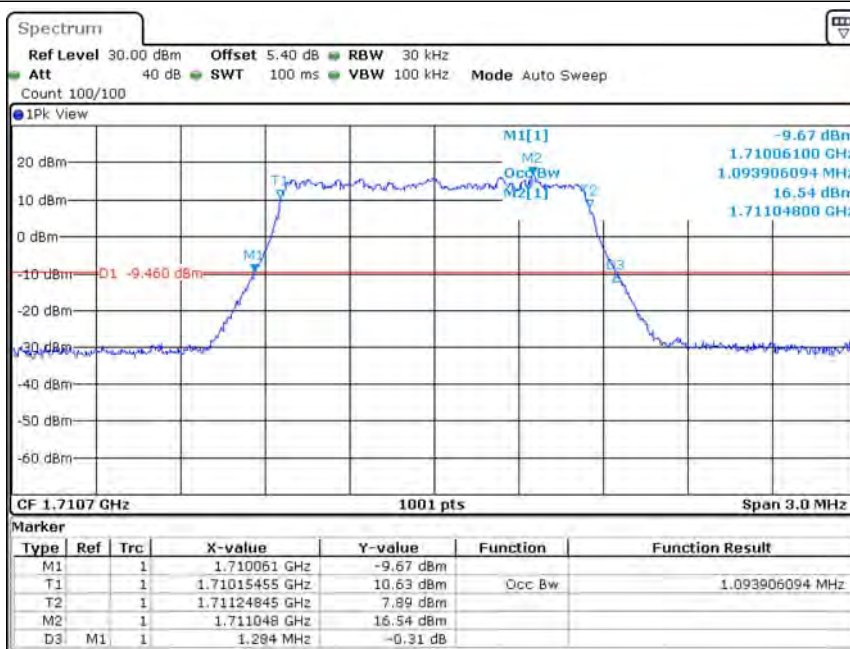
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-1.4MHz-QPSK-132665-6RB#0-1.091



Date 16 MAY 2021 09:26:24

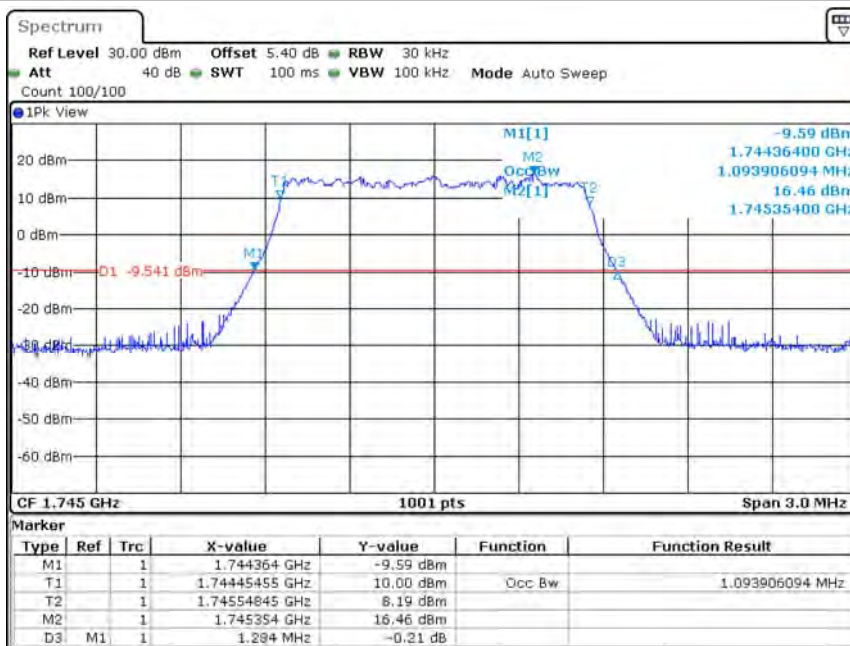
Band66-1.4MHz-64QAM-131979-6RB#0-1.094



Date 16 MAY 2021 10:55:38

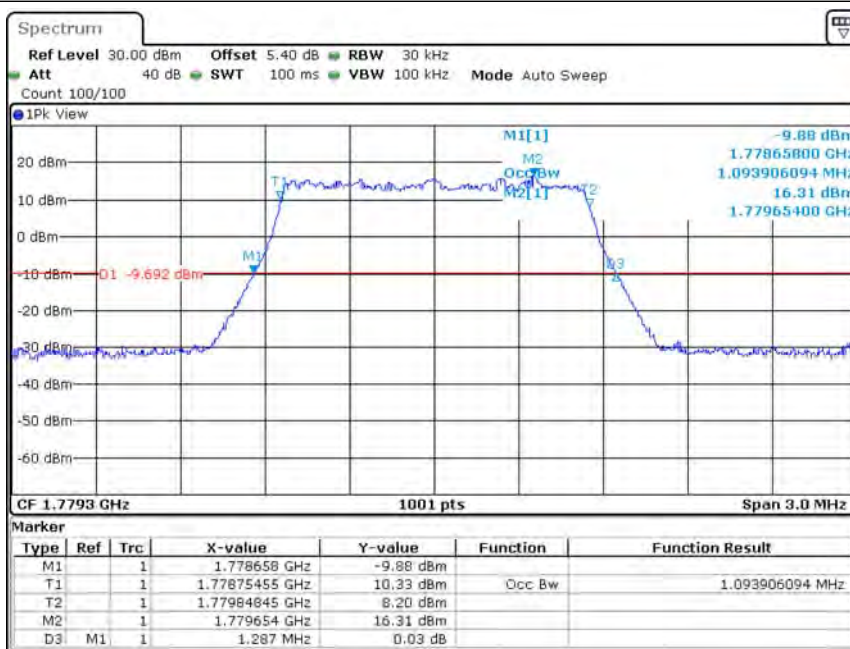


Band66-1.4MHz-64QAM-132322-6RB#0-1.094



Date: 16 MAY 2021 10:55:58

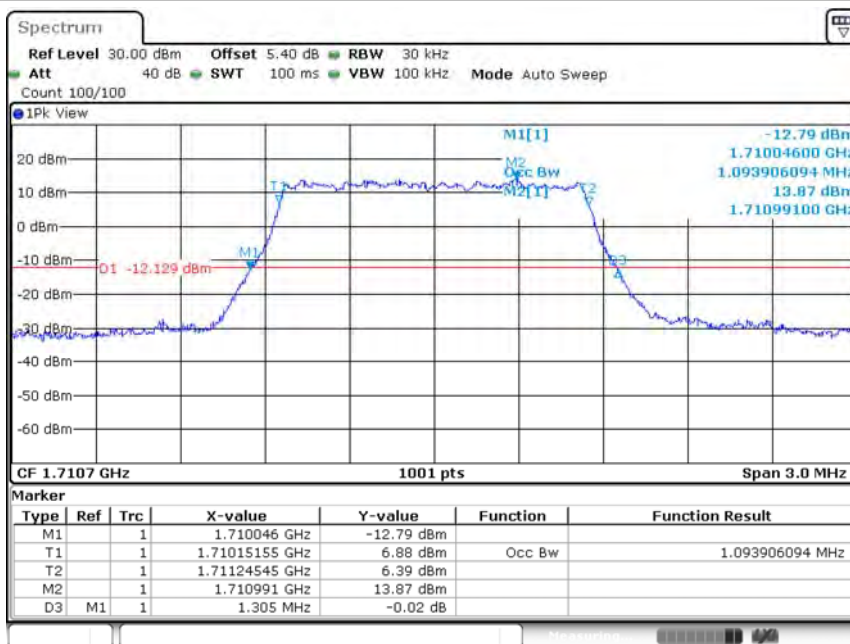
Band66-1.4MHz-64QAM-132665-6RB#0-1.094



Date: 16 MAY 2021 10:56:18

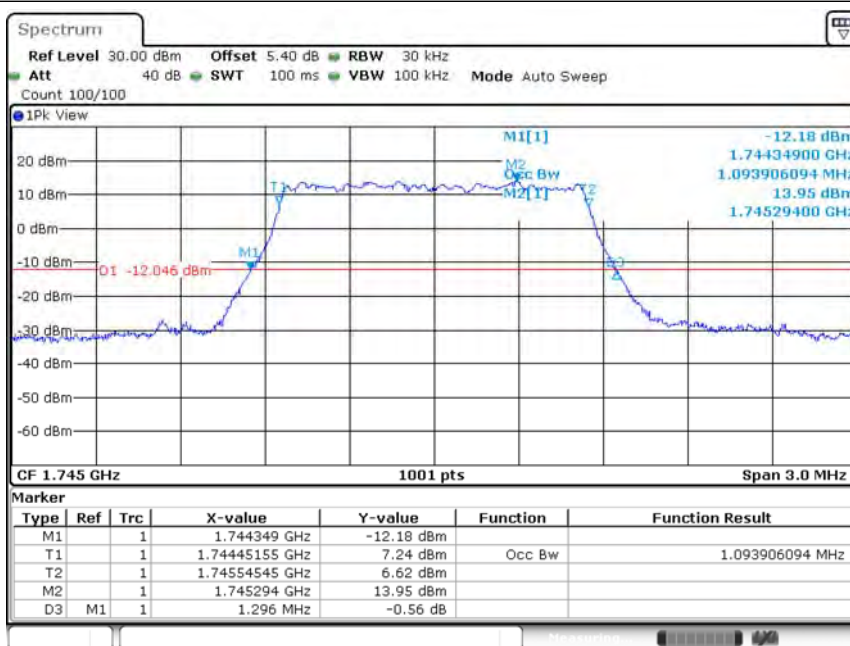


Band66-1.4MHz-256QAM-131979-6RB#0-1.094



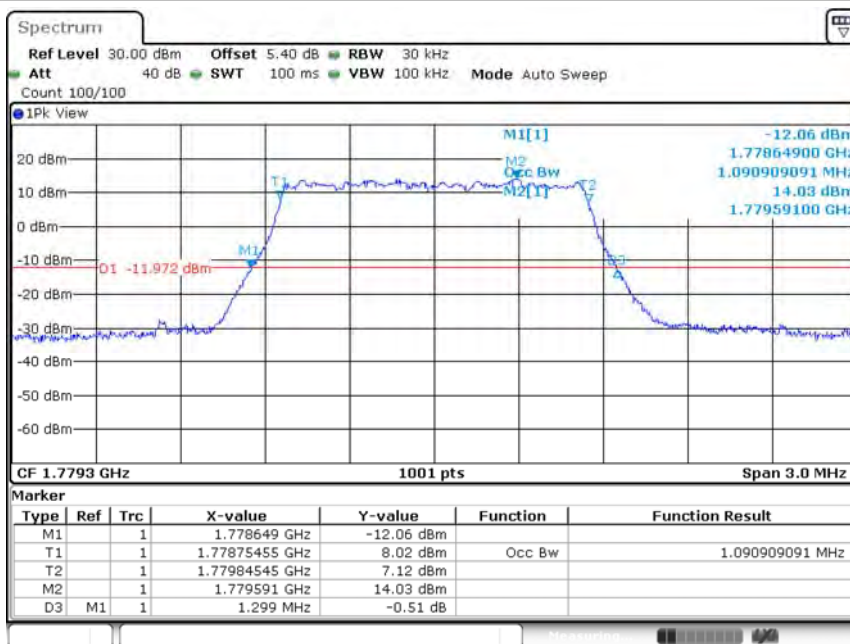
Date: 5.MAY.2021 03:25:16

Band66-1.4MHz-256QAM-132322-6RB#0-1.094



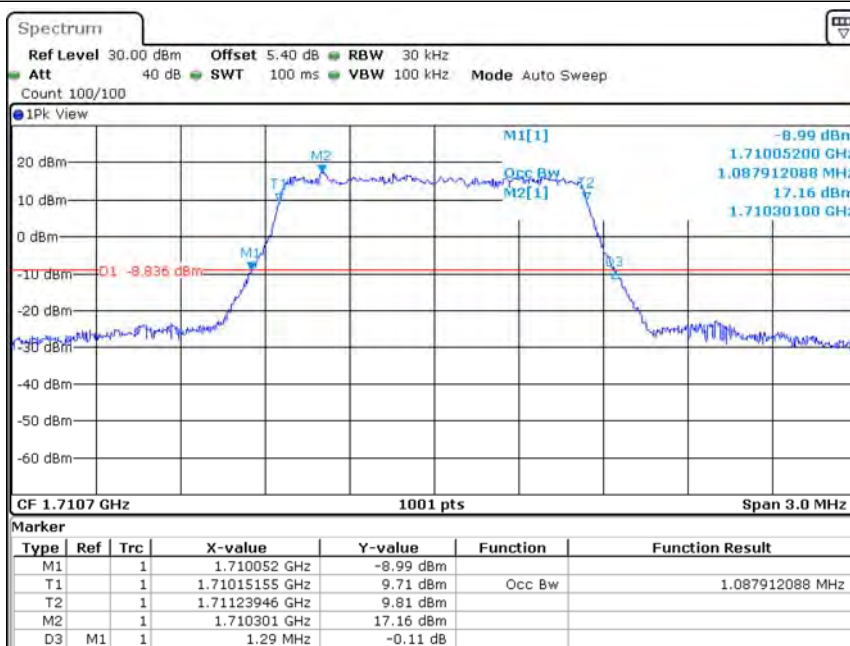
Date: 5.MAY.2021 03:25:37

Band66-1.4MHz-256QAM-132665-6RB#0-1.091



Date: 5.MAY.2021 03:25:57

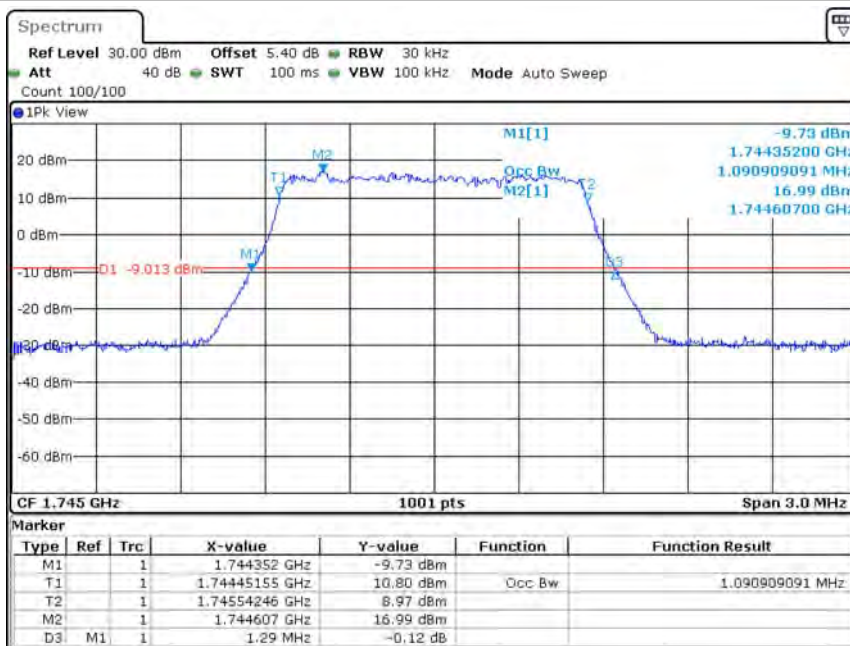
Band66-1.4MHz-16QAM-131979-6RB#0-1.088



Date: 16.MAY.2021 09:25:25

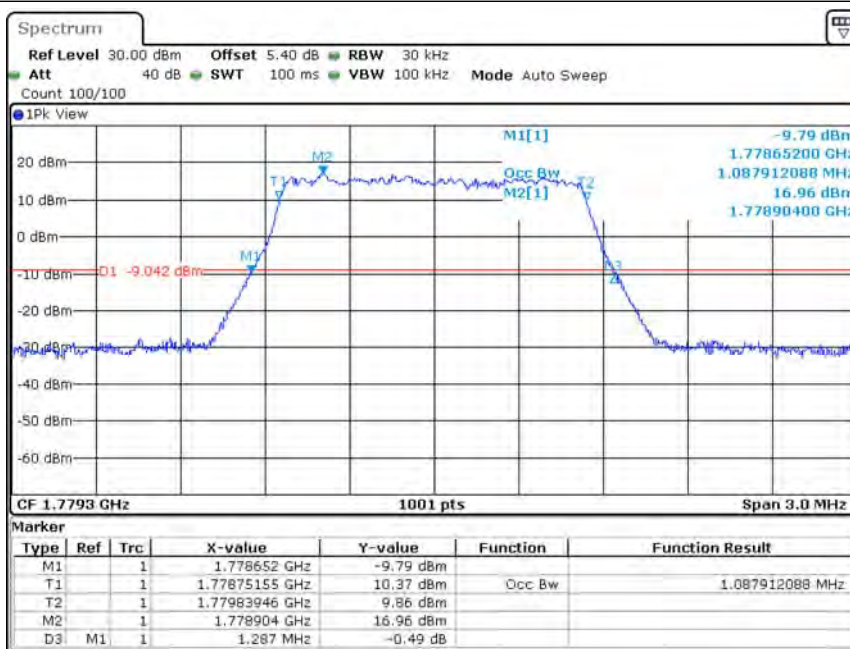


Band66-1.4MHz-16QAM-132322-6RB#0-1.091



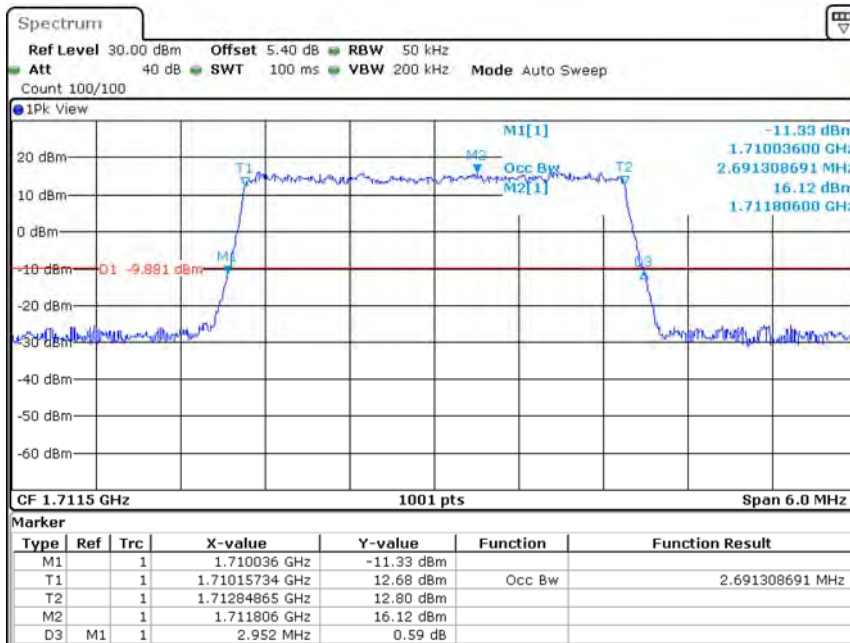
Date: 16 MAY 2021 09:26:04

Band66-1.4MHz-16QAM-132665-6RB#0-1.088



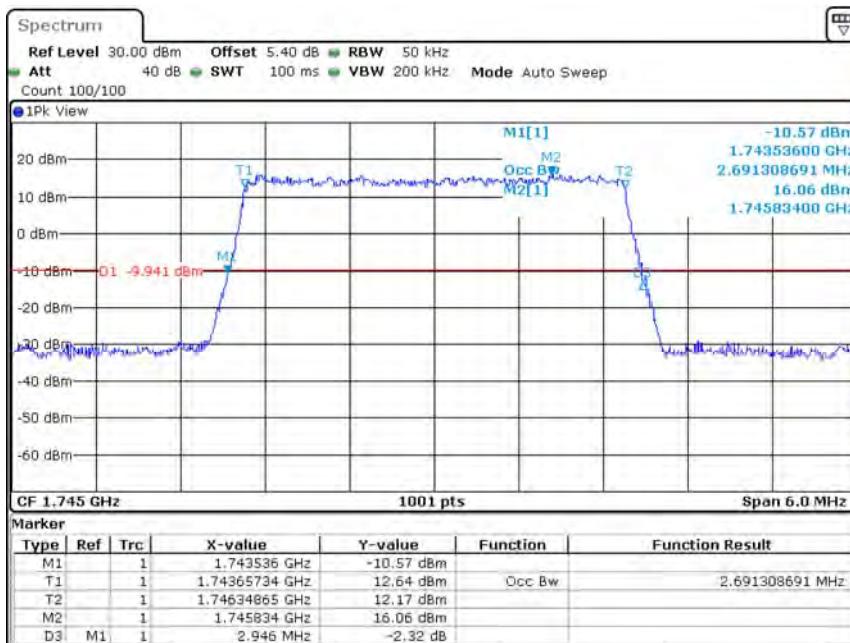
Date: 16 MAY 2021 09:26:44

Band66-3MHz-QPSK-131987-15RB#0-2.691



Date: 16 MAY 2021 09:27:10

Band66-3MHz-QPSK-132322-15RB#0-2.691



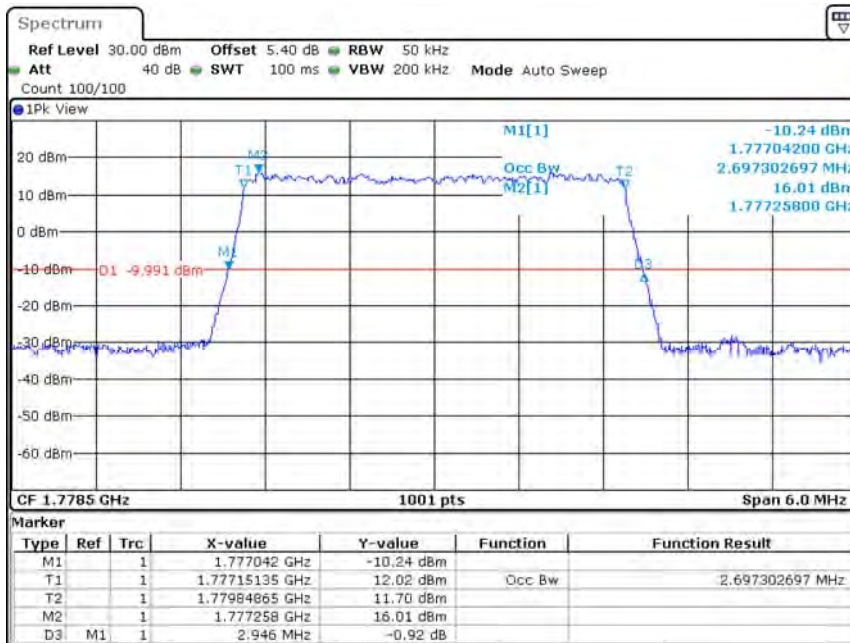
Date: 16 MAY 2021 09:27:50



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

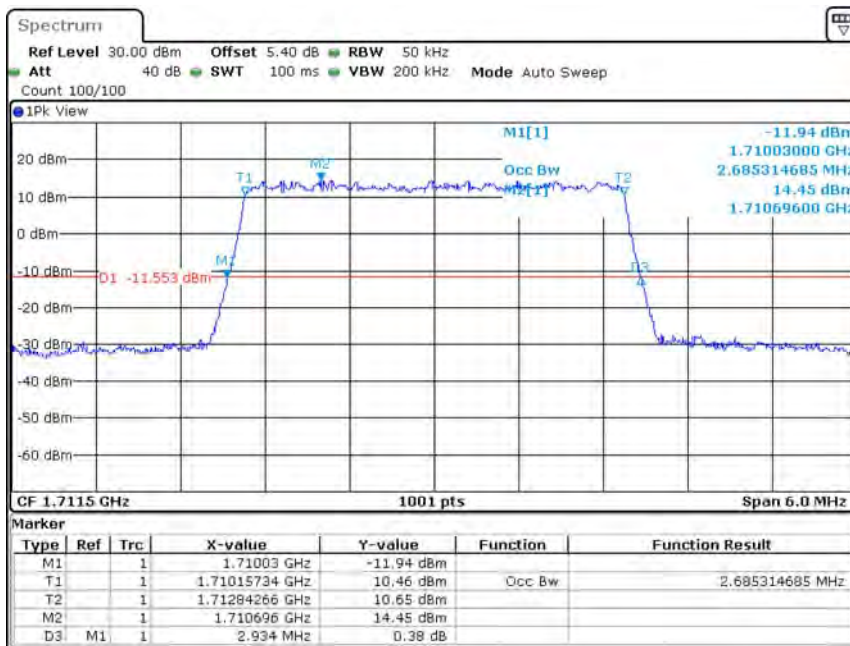
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-3MHz-QPSK-132657-15RB#0-2.697



Date: 16 MAY 2021 09:28:30

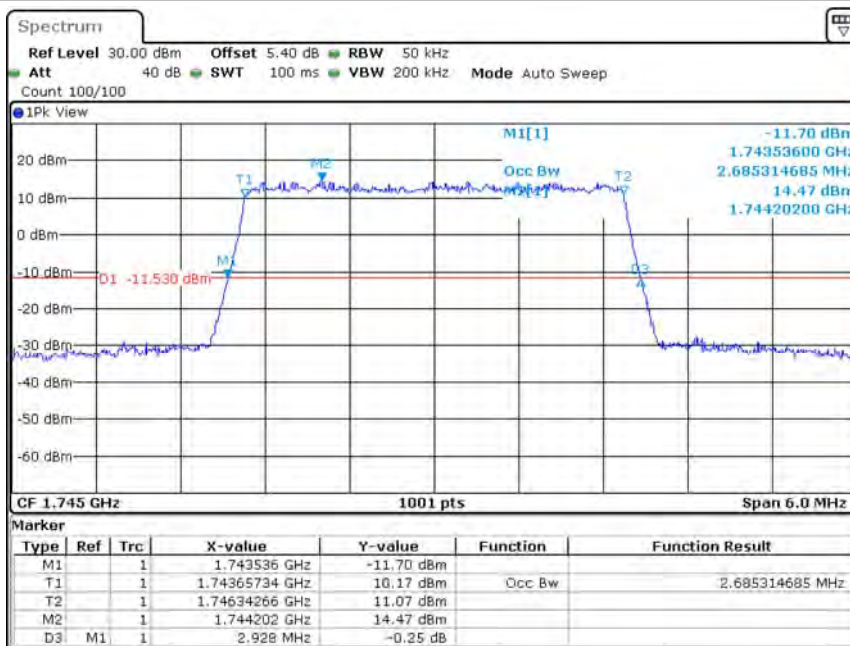
Band66-3MHz-64QAM-131987-15RB#0-2.685



Date: 16 MAY 2021 10:56:45

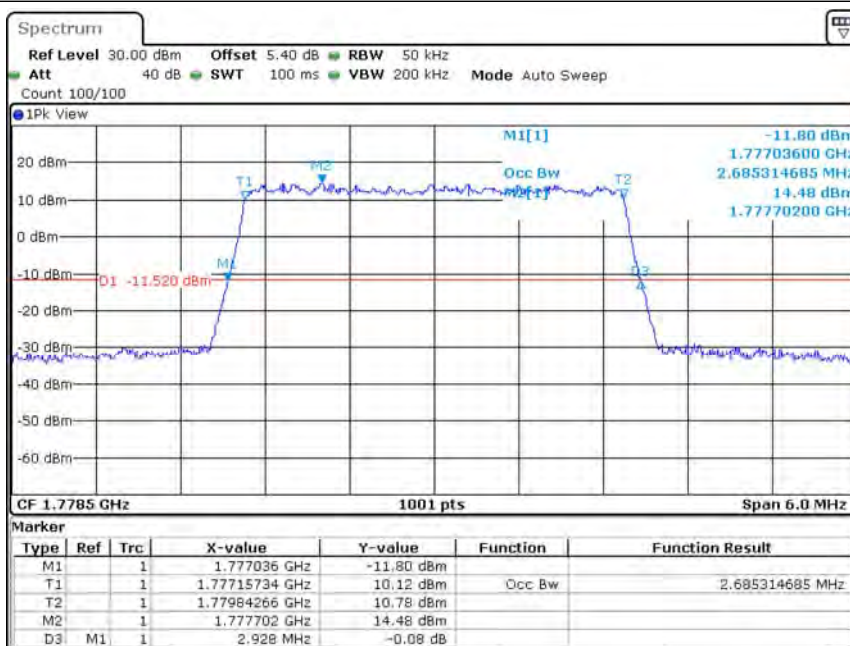


Band66-3MHz-64QAM-132322-15RB#0-2.685



Date: 16 MAY 2021 10:57:05

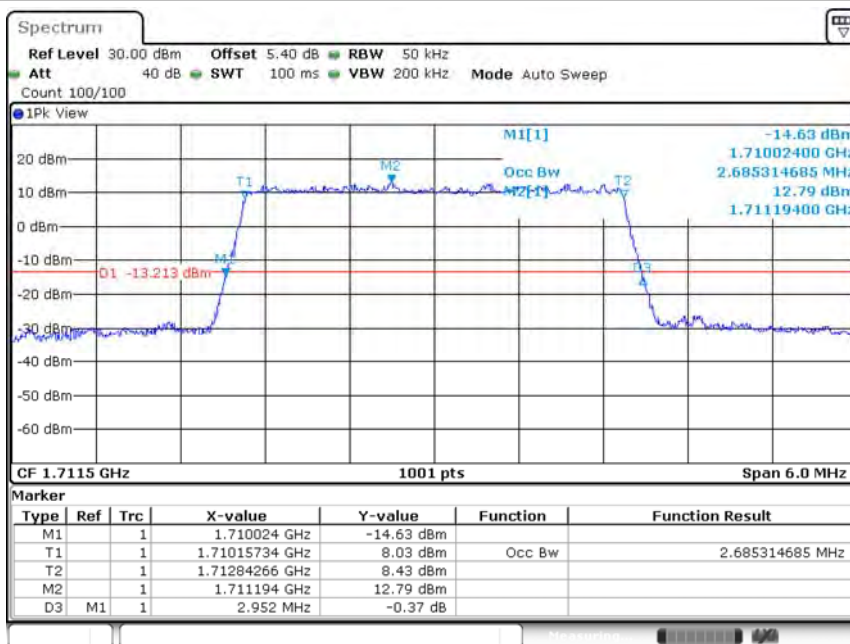
Band66-3MHz-64QAM-132657-15RB#0-2.685



Date: 16 MAY 2021 10:57:25

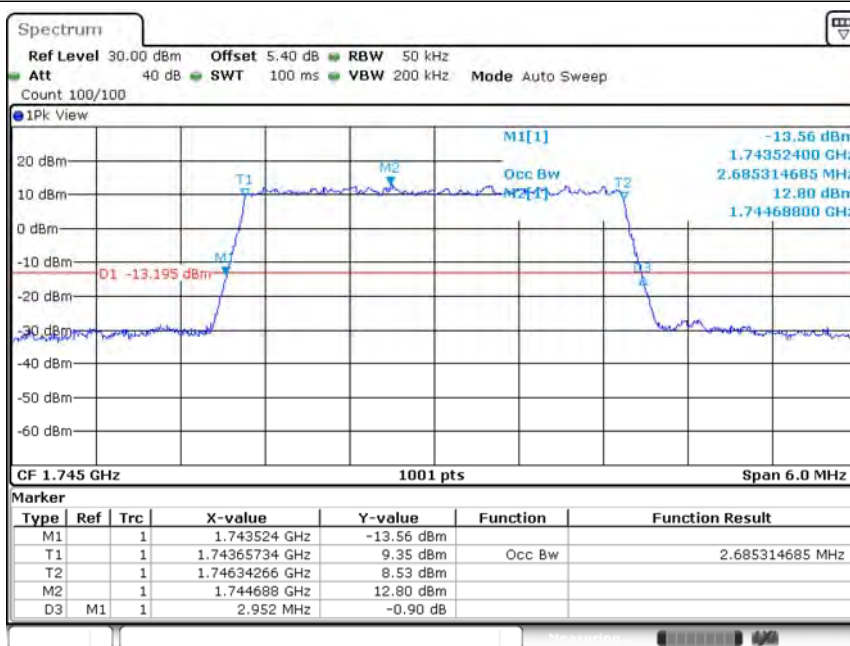


Band66-3MHz-256QAM-131987-15RB#0-2.685



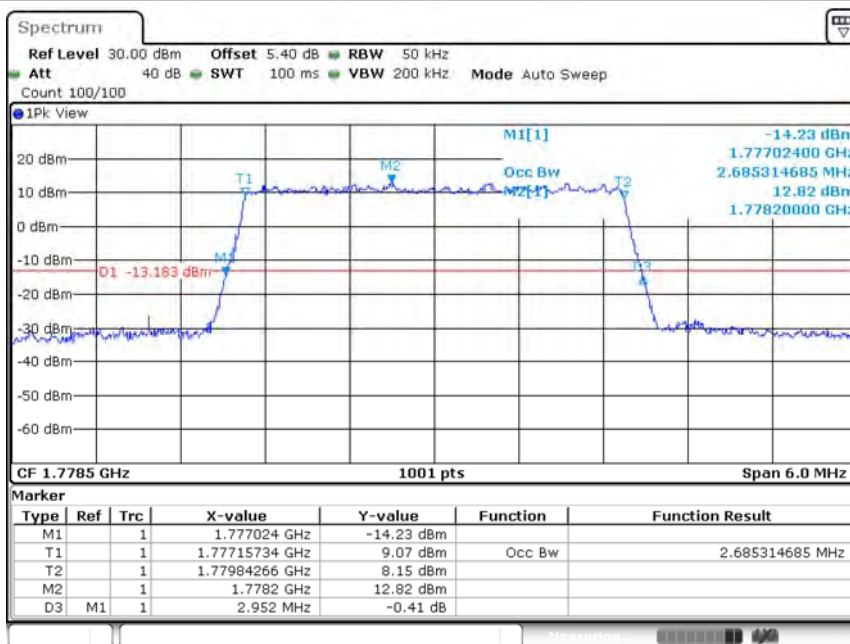
Date: 5.MAY.2021 03:26:22

Band66-3MHz-256QAM-132322-15RB#0-2.685



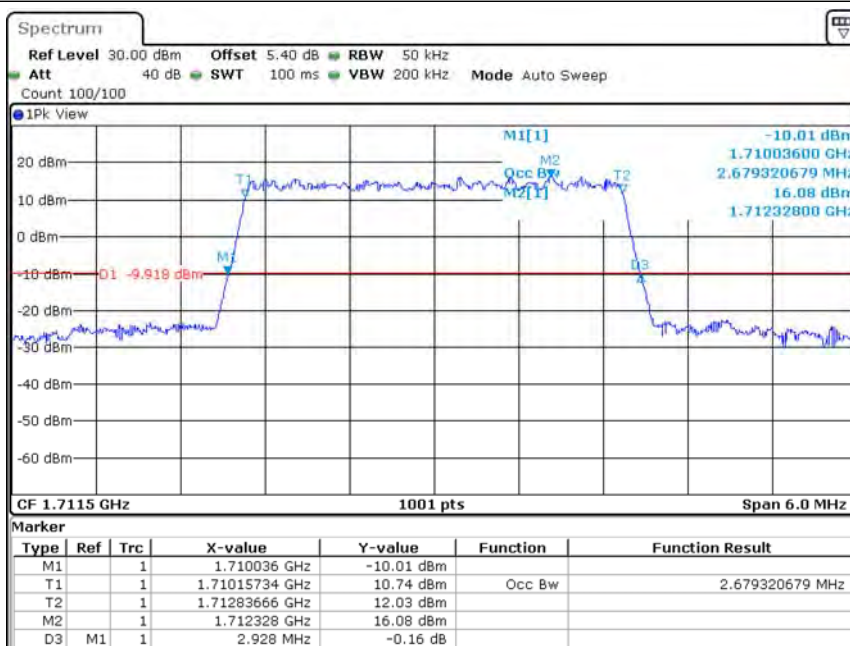
Date: 5.MAY.2021 03:26:42

Band66-3MHz-256QAM-132657-15RB#0-2.685



Date: 5.MAY.2021 03:27:02

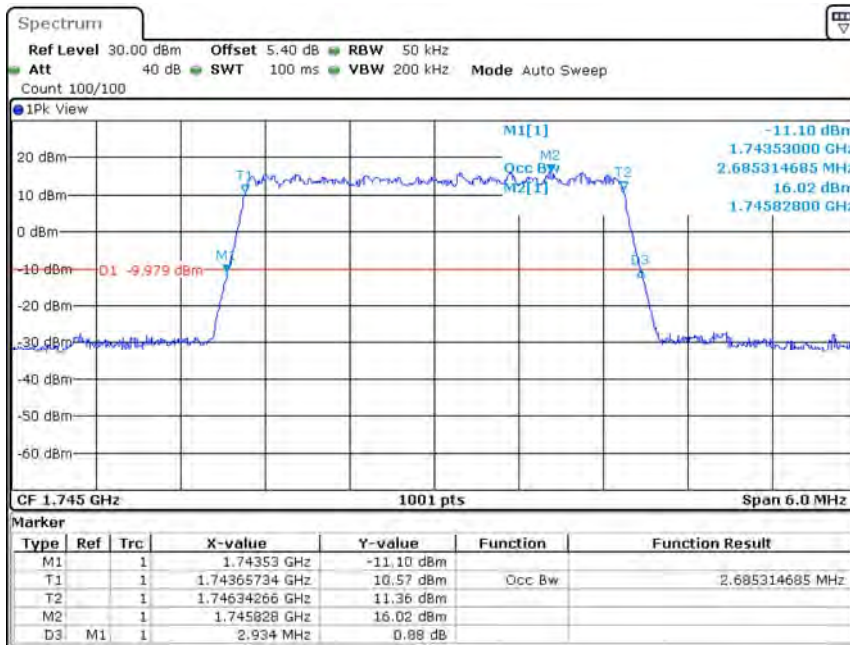
Band66-3MHz-16QAM-131987-15RB#0-2.679



Date: 16.MAY.2021 09:27:30

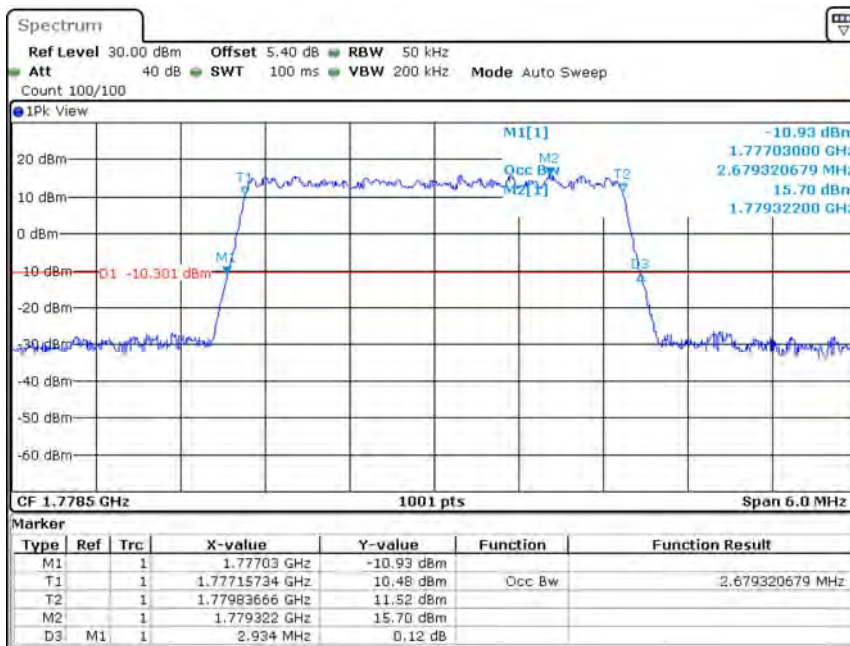


Band66-3MHz-16QAM-132322-15RB#0-2.685



Date: 16 MAY 2021 09:28:10

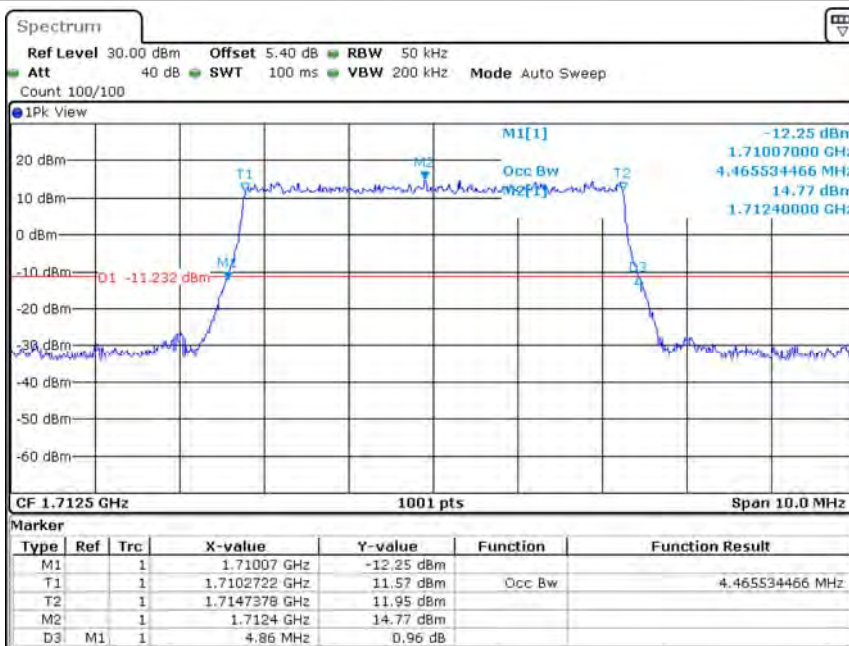
Band66-3MHz-16QAM-132657-15RB#0-2.679



Date: 16 MAY 2021 09:28:49

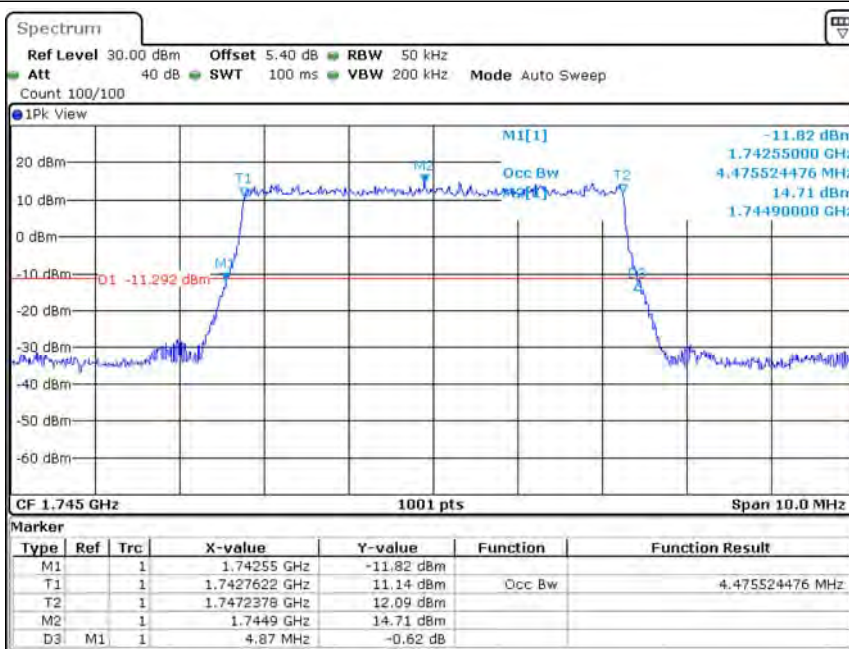


Band66-5MHz-QPSK-131997-25RB#0-4.466



Date: 16 MAY 2021 09:29:15

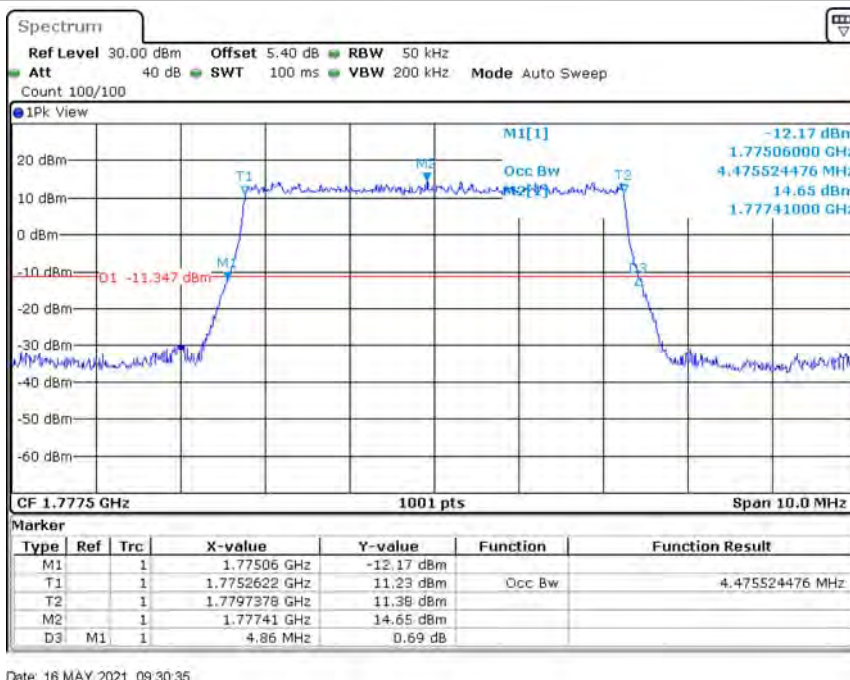
Band66-5MHz-QPSK-132322-25RB#0-4.476



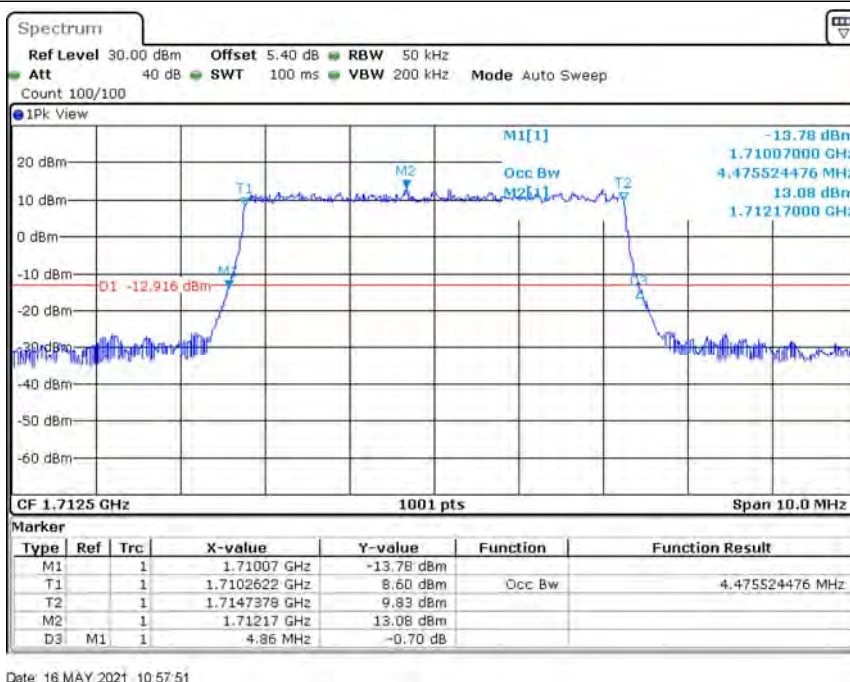
Date: 16 MAY 2021 09:29:55



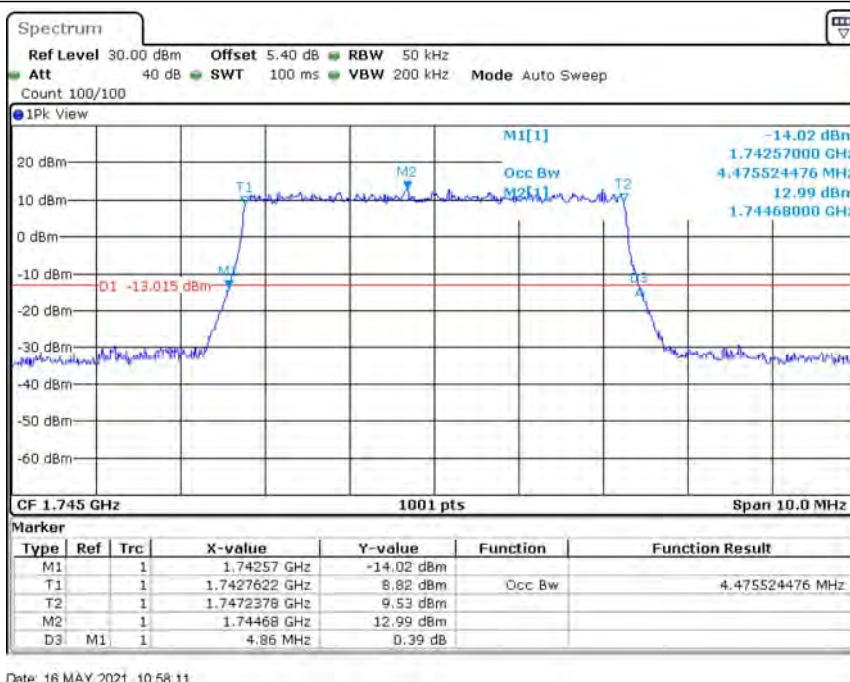
Band66-5MHz-QPSK-132647-25RB#0-4.476



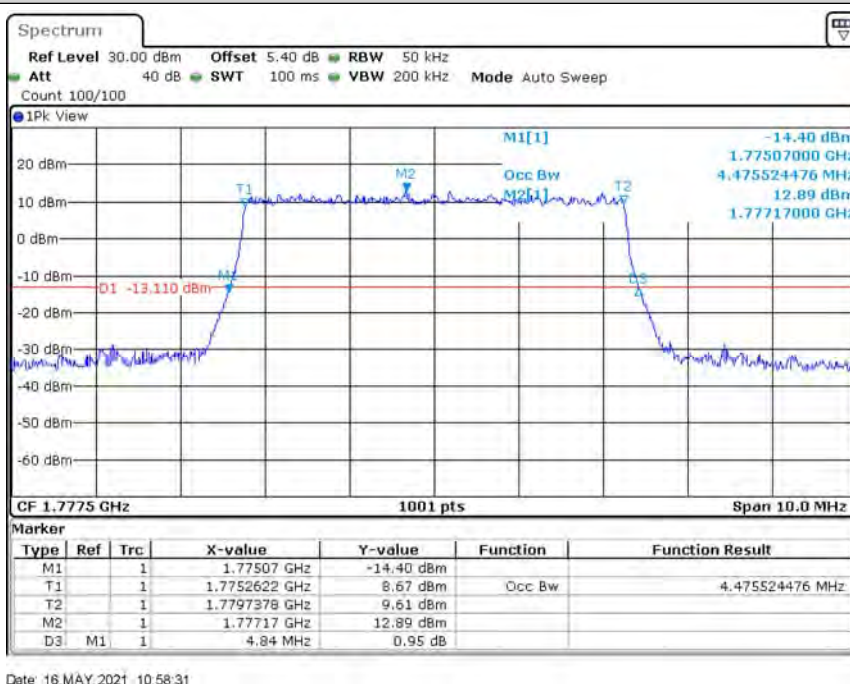
Band66-5MHz-64QAM-131997-25RB#0-4.476



Band66-5MHz-64QAM-132322-25RB#0-4.476



Band66-5MHz-64QAM-132647-25RB#0-4.476

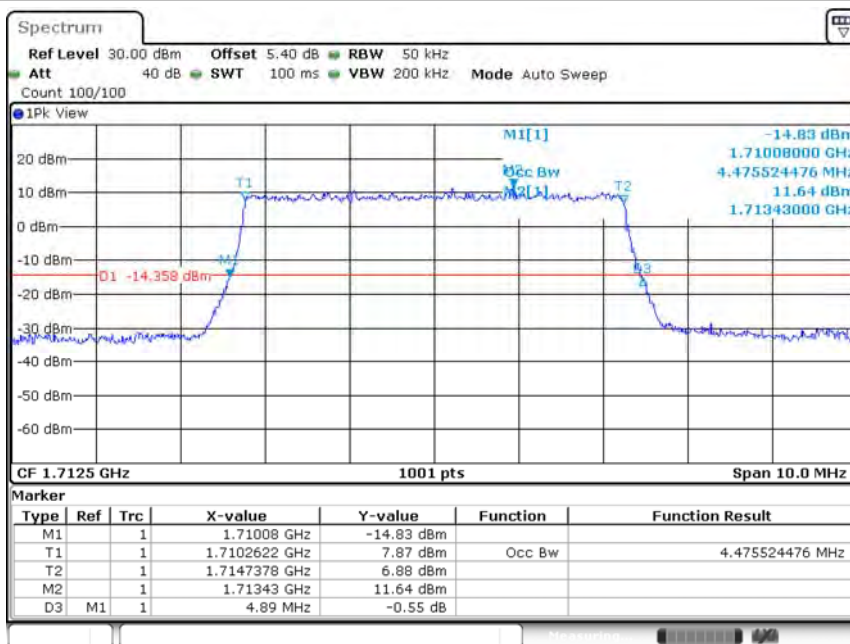


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Shenzhen CQC Laboratory)

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and 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 notified that information contained herein refers to the company's findings, the results of its analyses and activities and the limits of its Client's instructions. Any Company sole responsibility for its Client and this document does not concern parties to the transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or unauthorized distribution or disclosure of this document, or any part thereof, shall render the holder liable for any damages or other results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

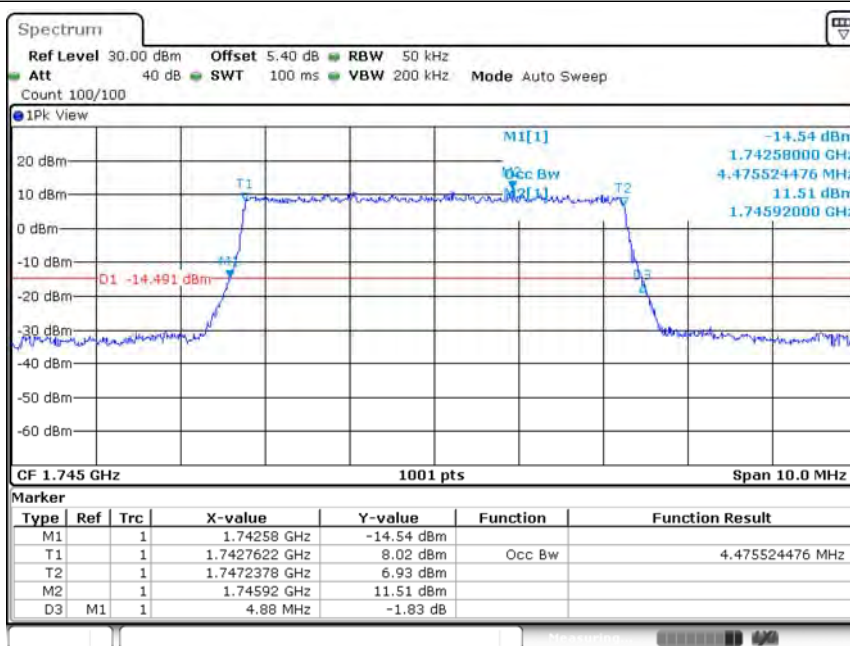
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band66-5MHz-256QAM-131997-25RB#0-4.476



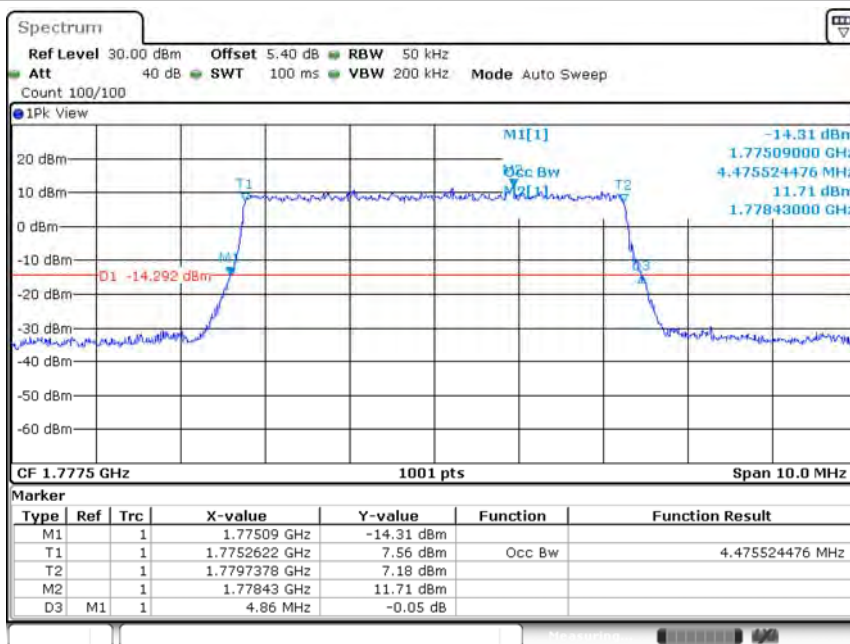
Date: 5.MAY.2021 03:27:27

Band66-5MHz-256QAM-132322-25RB#0-4.476



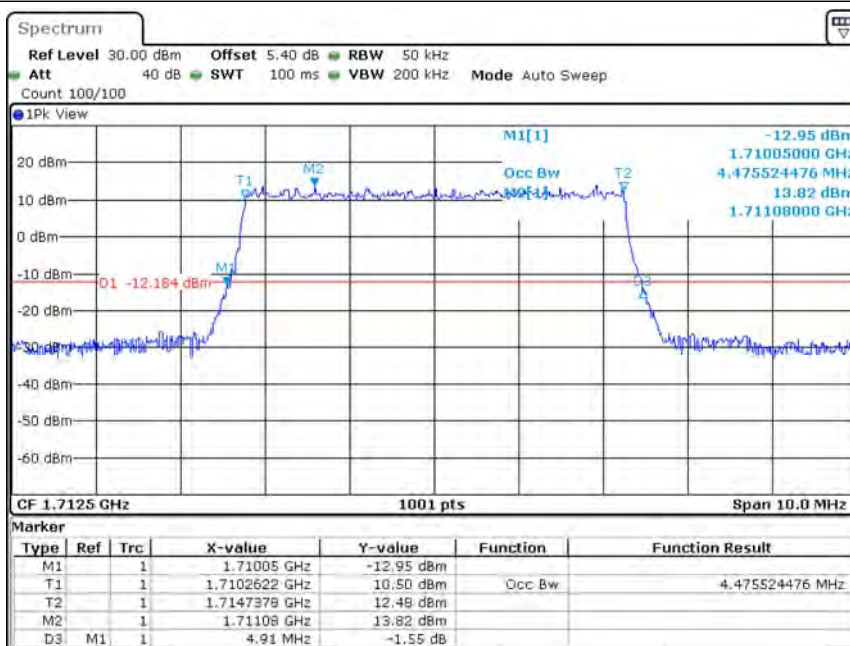
Date: 5.MAY.2021 03:27:47

Band66-5MHz-256QAM-132647-25RB#0-4.476



Date: 5.MAY.2021 03:28:07

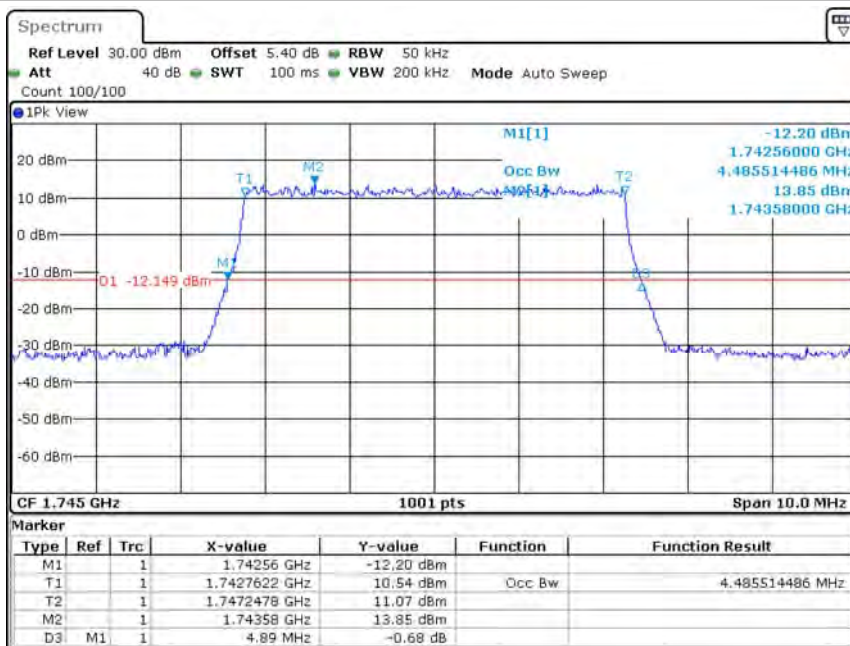
Band66-5MHz-16QAM-131997-25RB#0-4.476



Date: 16 MAY 2021 09:29:35

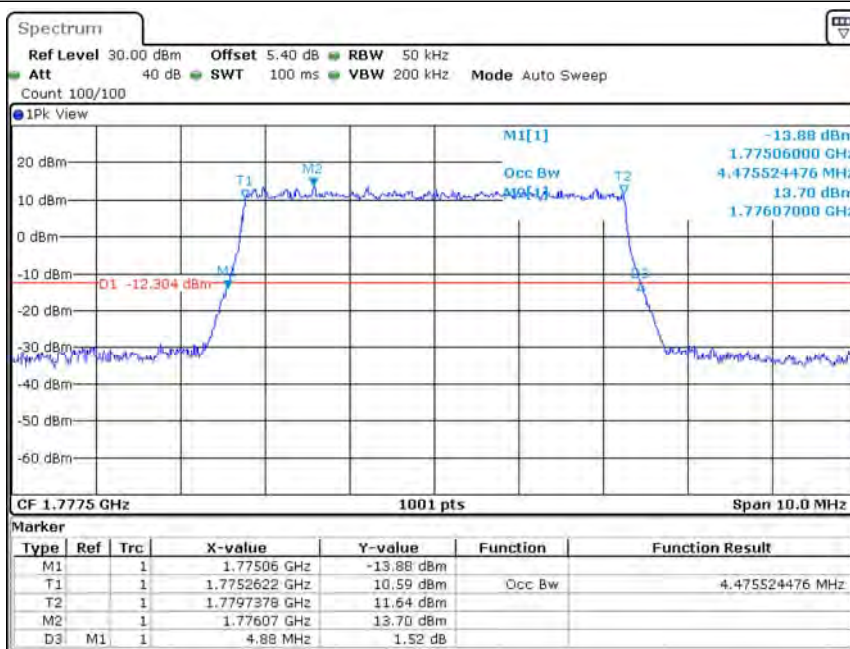


Band66-5MHz-16QAM-132322-25RB#0-4.486



Date: 16 MAY 2021 09:30:15

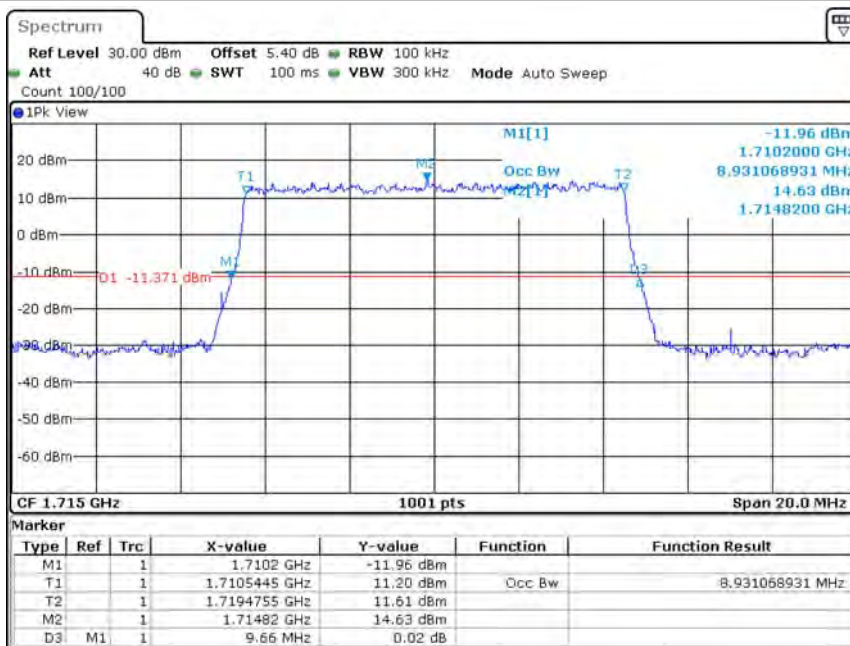
Band66-5MHz-16QAM-132647-25RB#0-4.476



Date: 16 MAY 2021 09:30:55

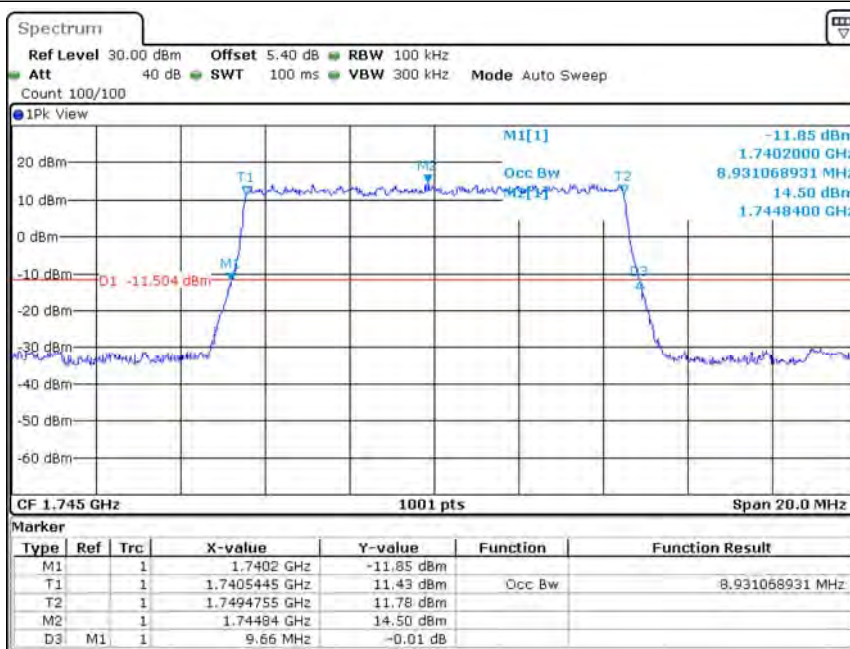


Band66-10MHz-QPSK-132022-50RB#0-8.931



Date: 16 MAY 2021 09:31:21

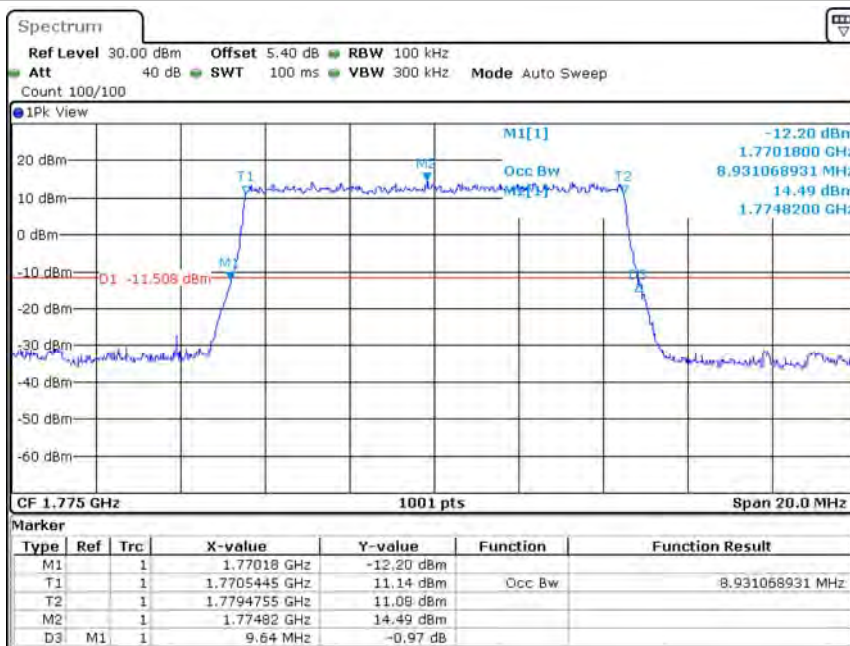
Band66-10MHz-QPSK-132322-50RB#0-8.931



Date: 16 MAY 2021 09:32:01

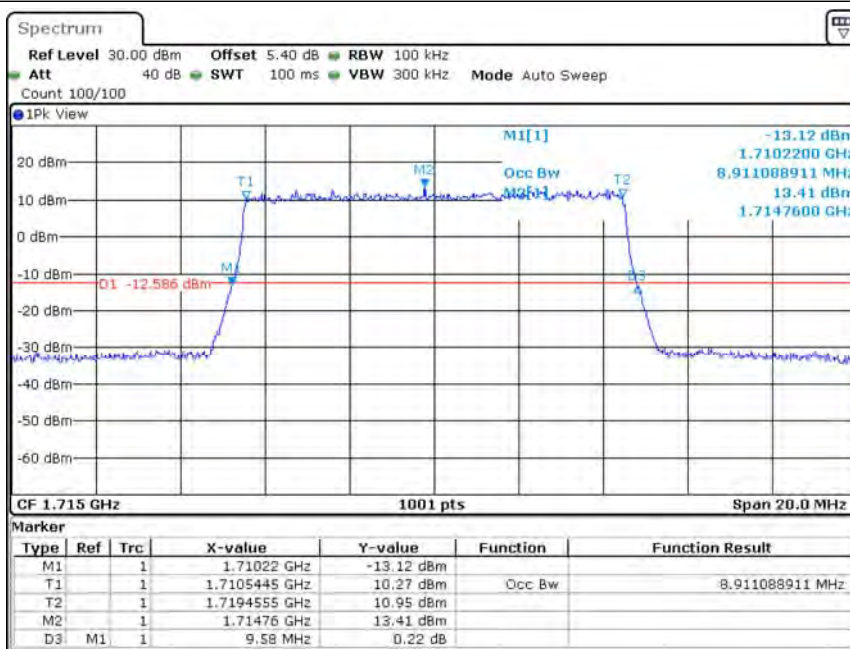


Band66-10MHz-QPSK-132622-50RB#0-8.931



Date: 16 MAY 2021 09:32:40

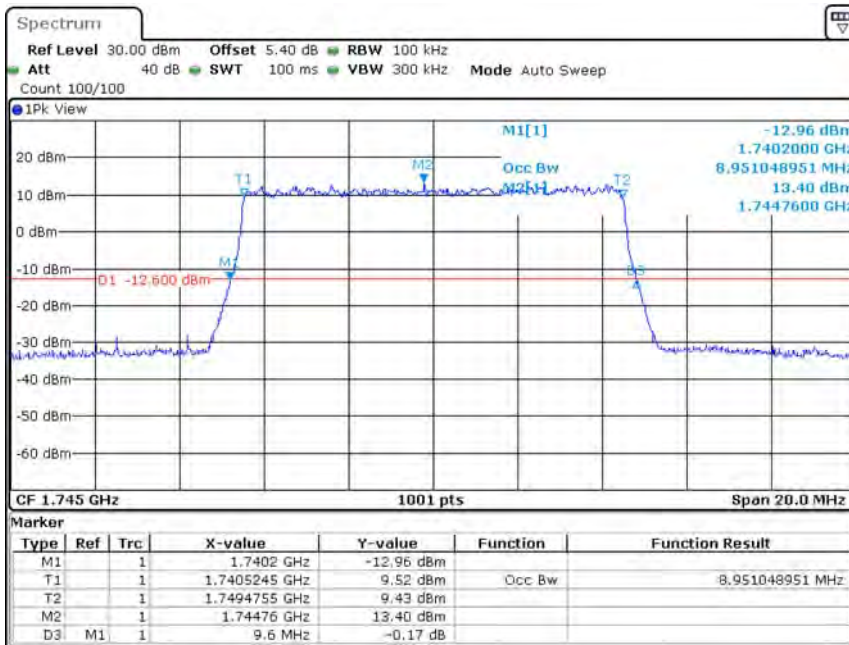
Band66-10MHz-64QAM-132022-50RB#0-8.911



Date: 16 MAY 2021 10:58:57

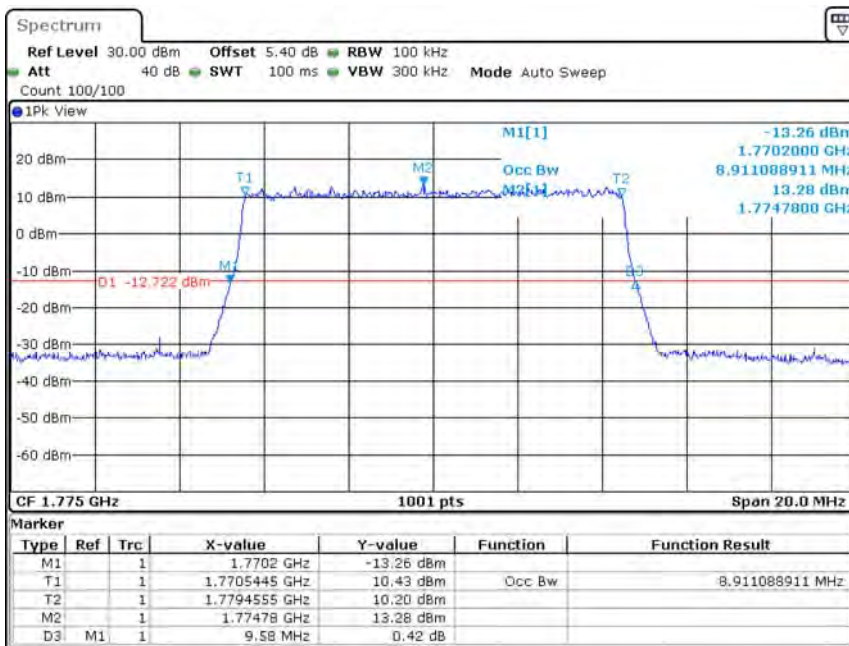


Band66-10MHz-64QAM-132322-50RB#0-8.951



Date: 16 MAY 2021 10:59:17

Band66-10MHz-64QAM-132622-50RB#0-8.911



Date: 16 MAY 2021 10:59:37

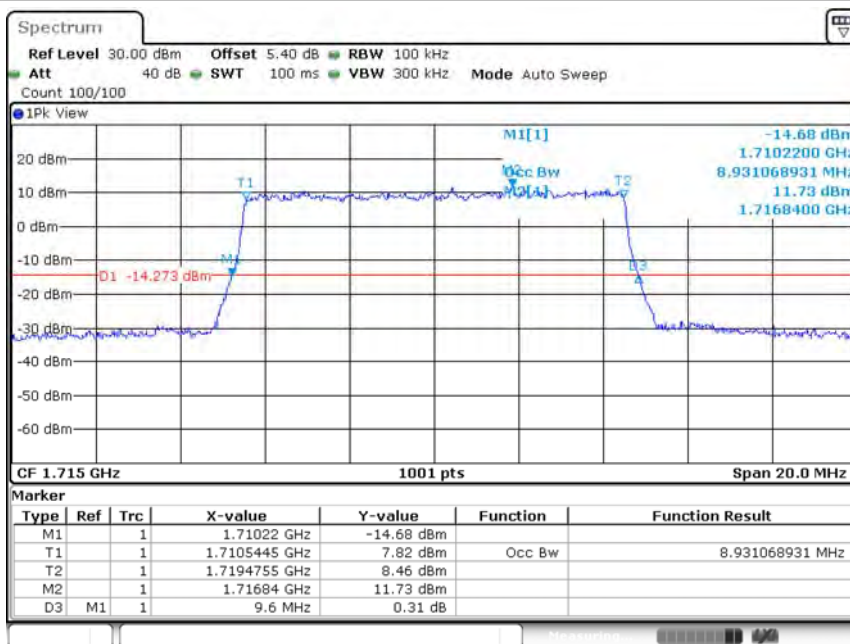


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

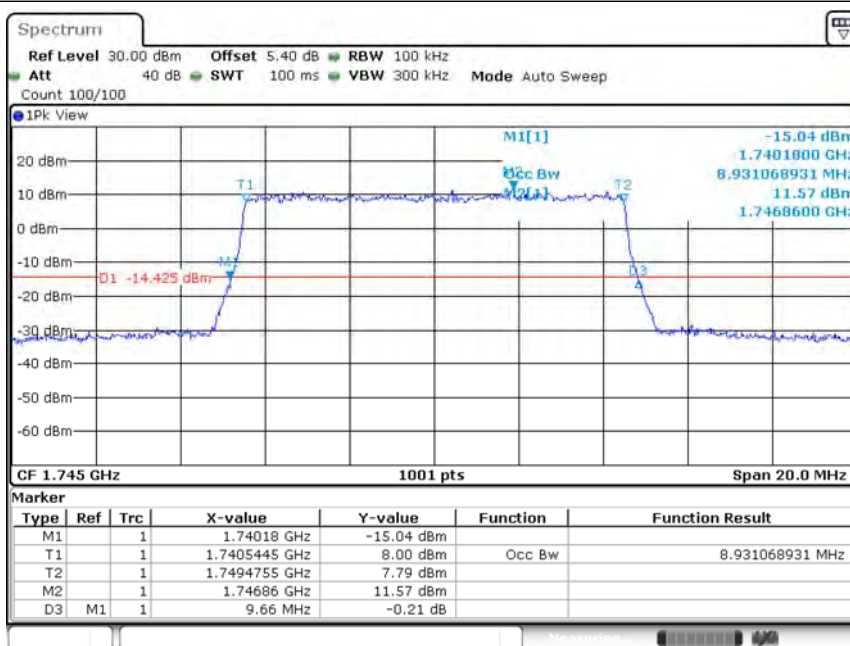
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band66-10MHz-256QAM-132022-50RB#0-8.931



Date: 5.MAY.2021 03:28:32

Band66-10MHz-256QAM-132322-50RB#0-8.931



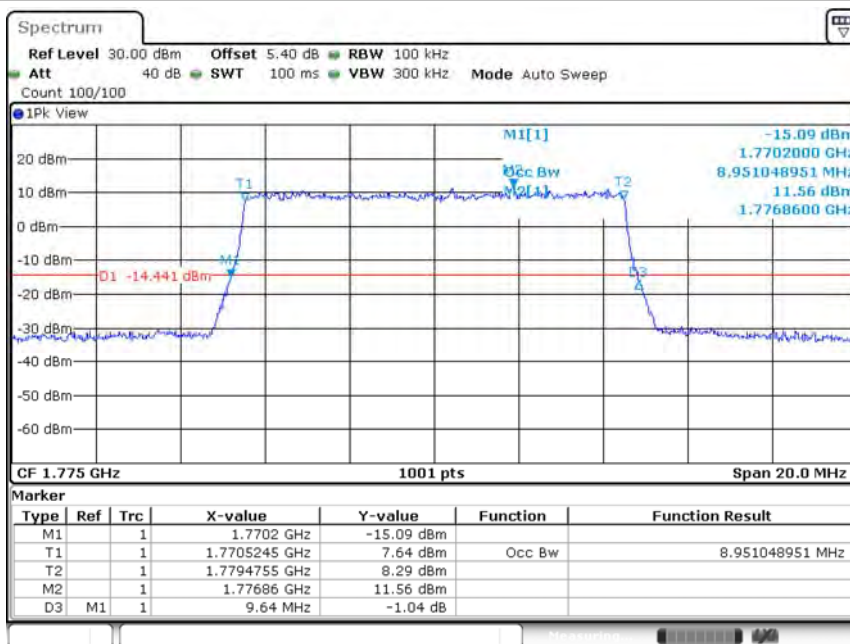
Date: 5.MAY.2021 03:28:52



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

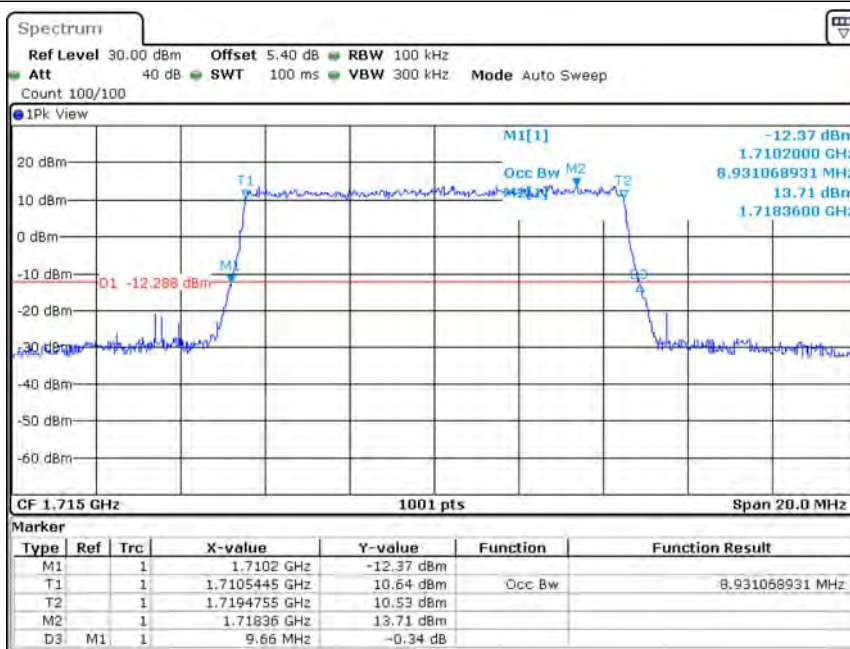
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-10MHz-256QAM-132622-50RB#0-8.951



Date: 5.MAY.2021 03:29:12

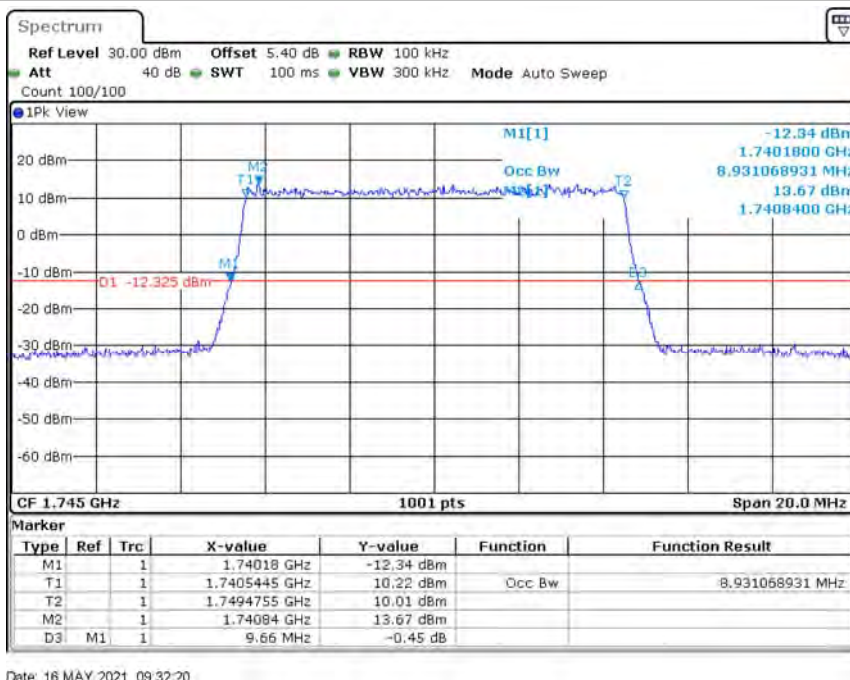
Band66-10MHz-16QAM-132022-50RB#0-8.931



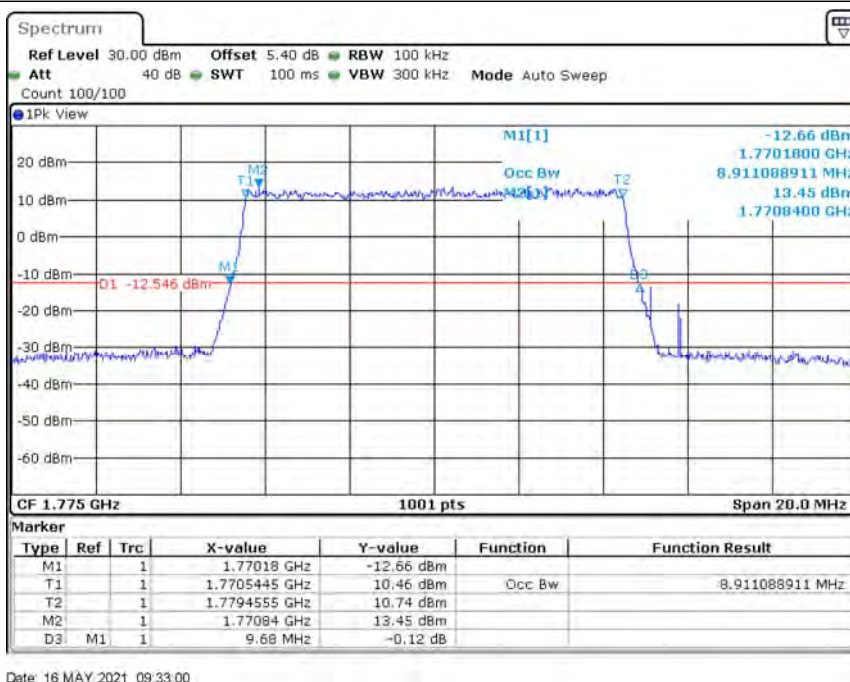
Date: 16 MAY 2021 09:31:41



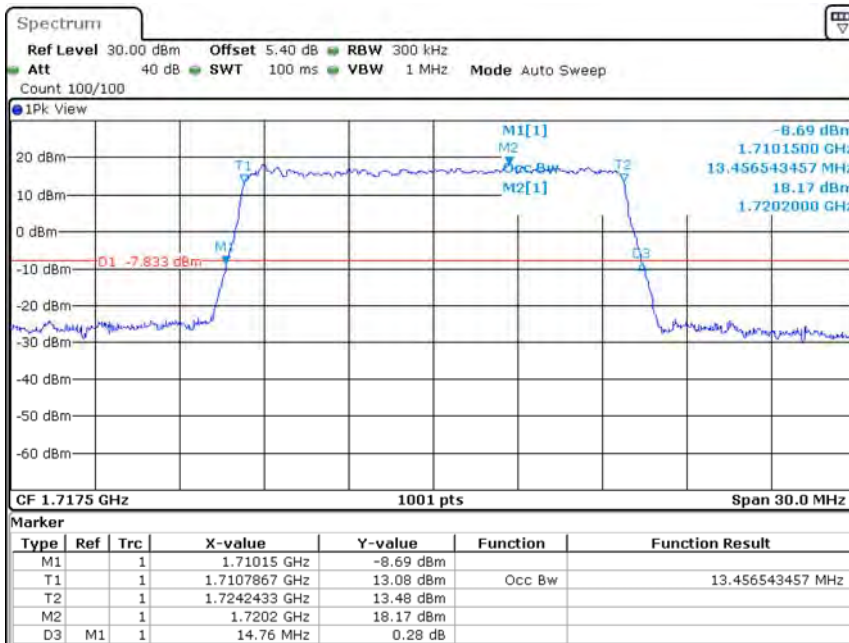
Band66-10MHz-16QAM-132322-50RB#0-8.931



Band66-10MHz-16QAM-132622-50RB#0-8.911

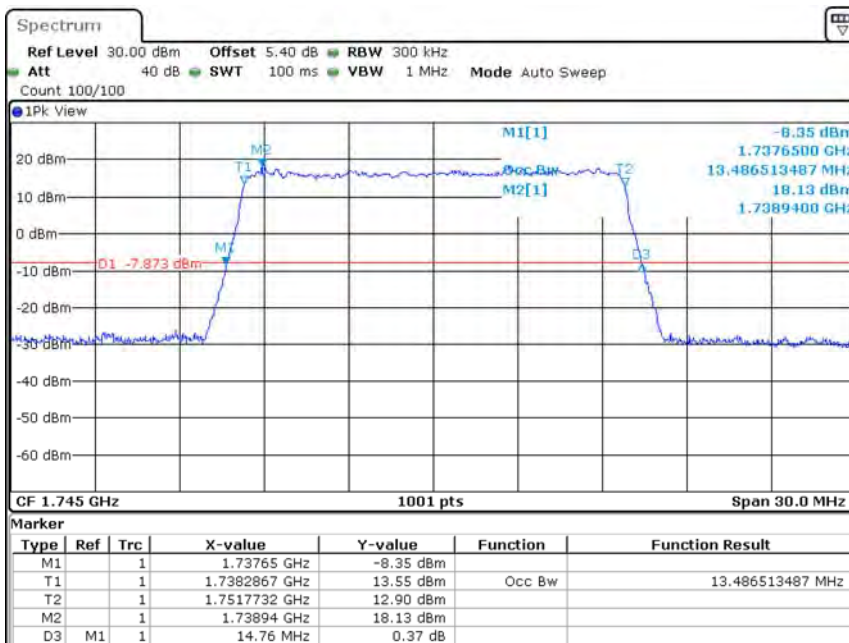


Band66-15MHz-QPSK-132047-75RB#0-13.457



Date: 16.MAY.2021 09:33:26

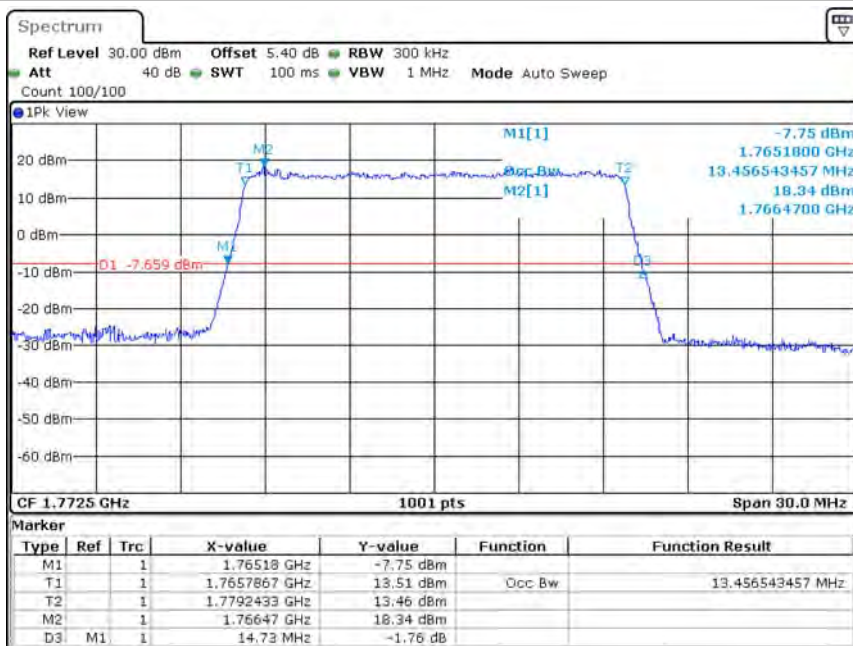
Band66-15MHz-QPSK-132322-75RB#0-13.487



Date: 16.MAY.2021 09:34:05

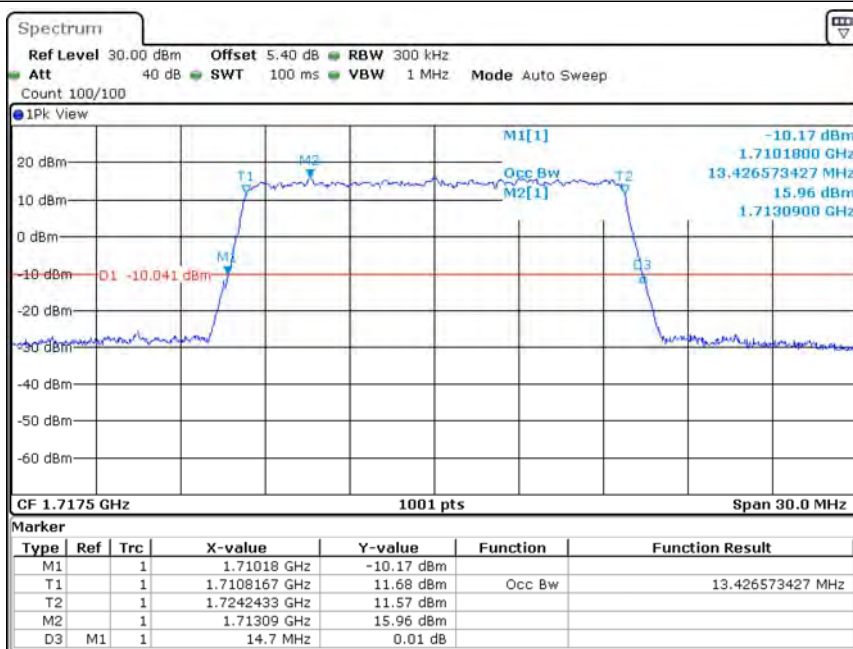


Band66-15MHz-QPSK-132597-75RB#0-13.457



Date: 16 MAY 2021 09:34:45

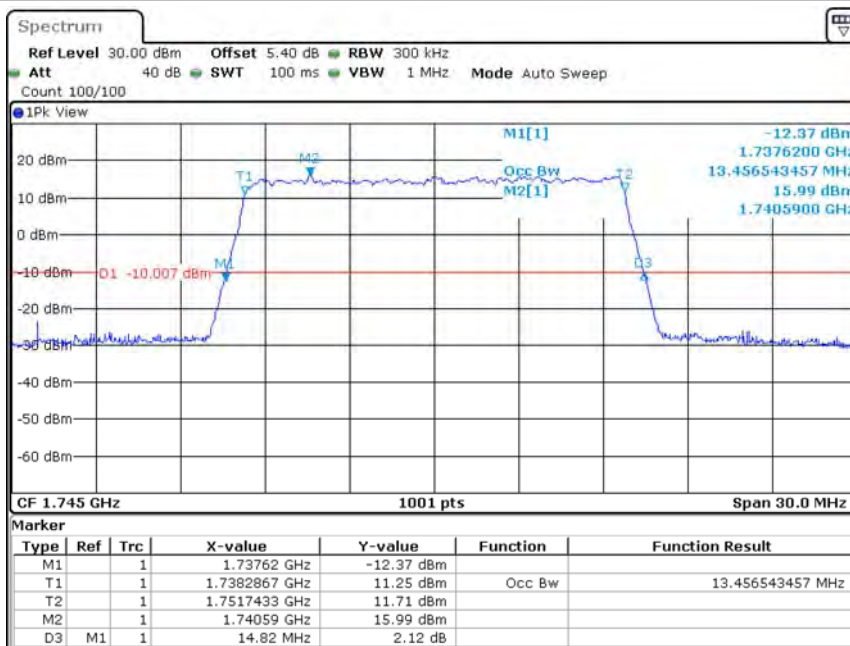
Band66-15MHz-64QAM-132047-75RB#0-13.427



Date: 16 MAY 2021 11:00:03

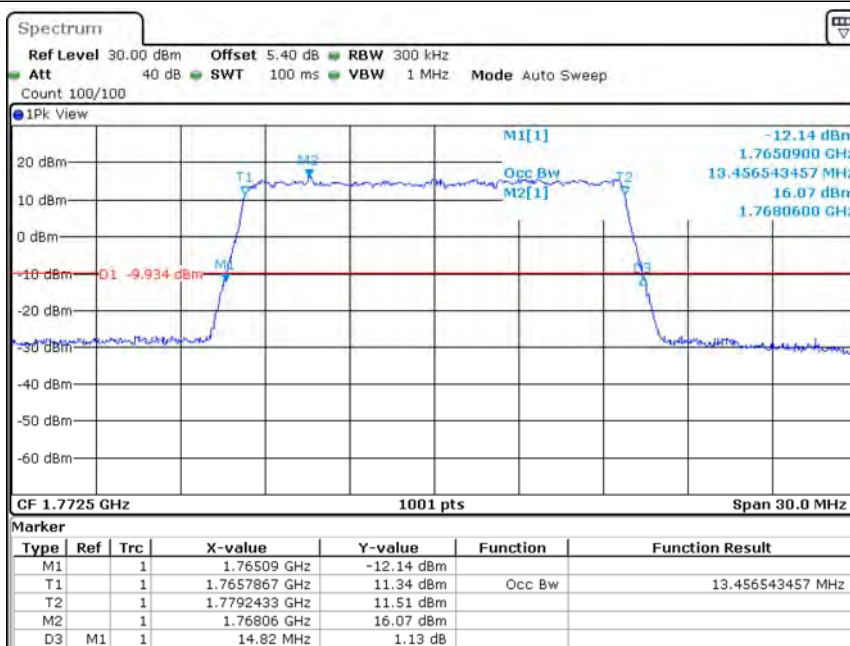


Band66-15MHz-64QAM-132322-75RB#0-13.457



Date: 16.MAY.2021 11:00:23

Band66-15MHz-64QAM-132597-75RB#0-13.457



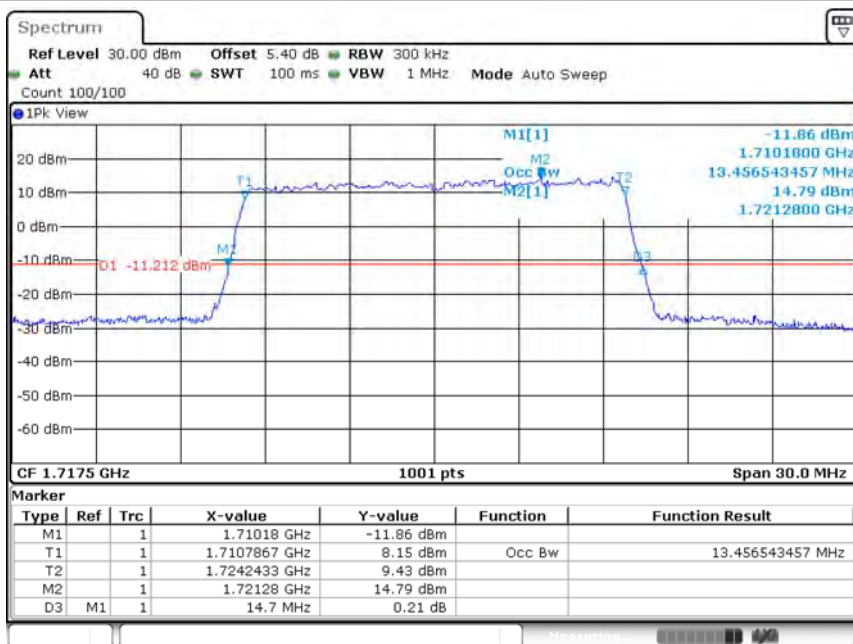
Date: 16.MAY.2021 11:00:43



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

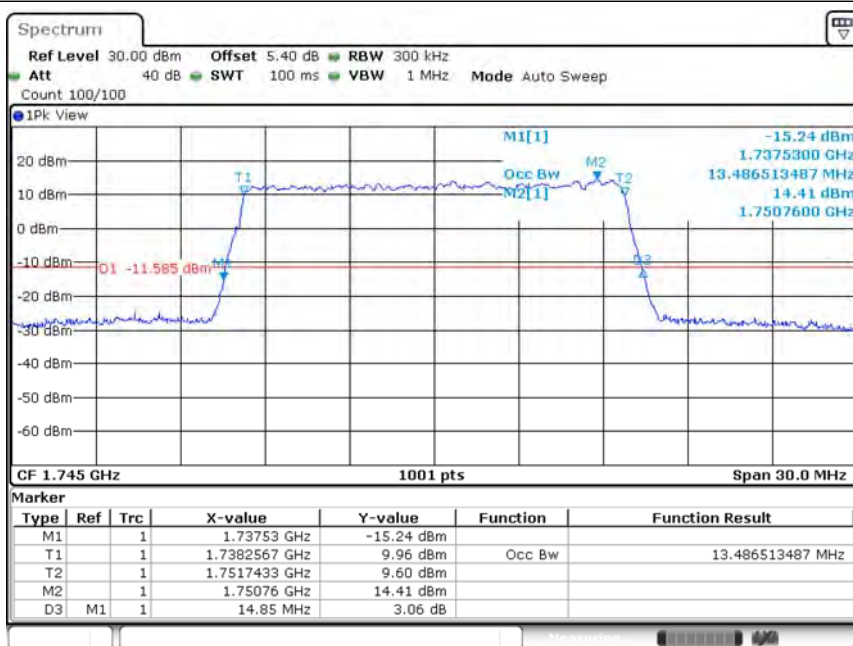
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-15MHz-256QAM-132047-75RB#0-13.457



Date: 5.MAY.2021 03:29:37

Band66-15MHz-256QAM-132322-75RB#0-13.487



Date: 5.MAY.2021 03:29:57

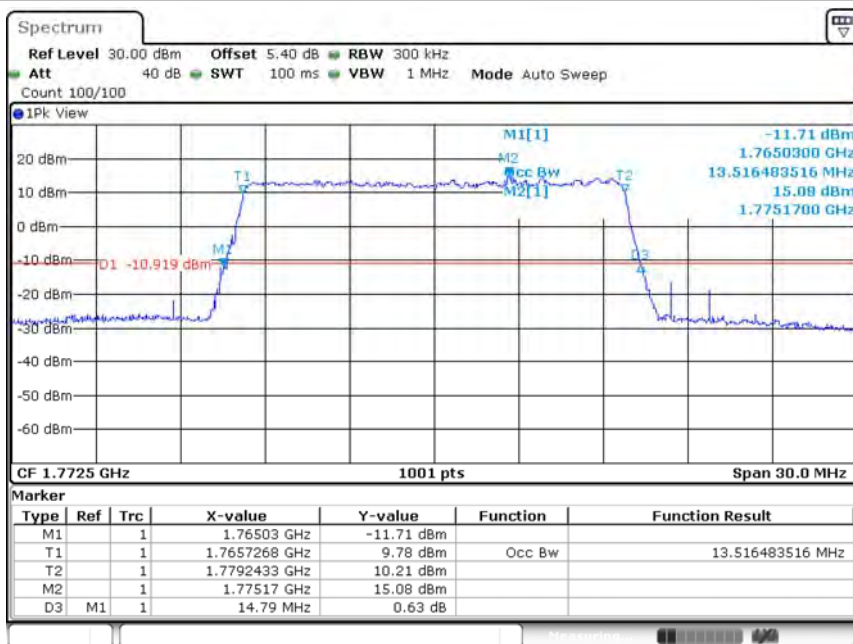


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

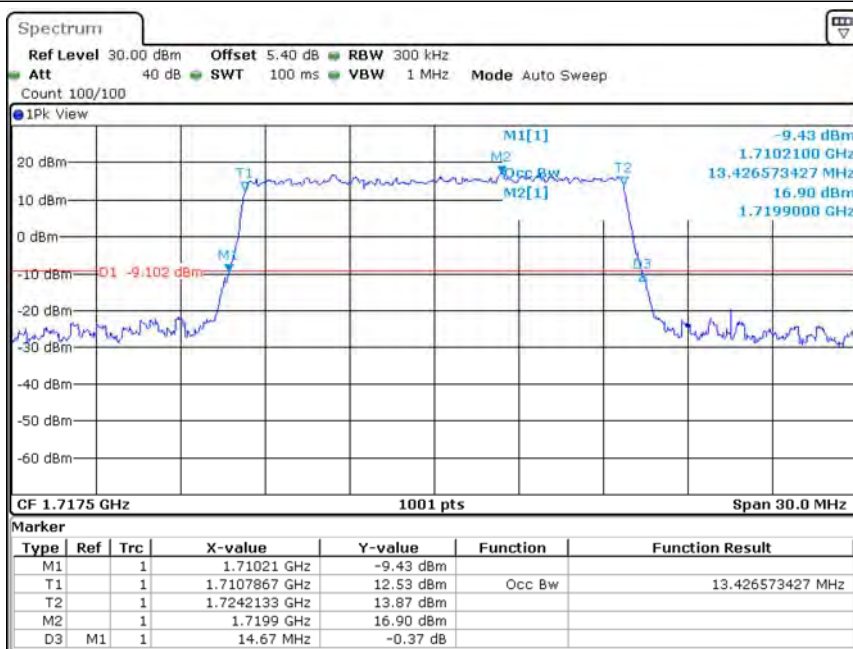
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band66-15MHz-256QAM-132597-75RB#0-13.516



Date: 5.MAY.2021 03:30:17

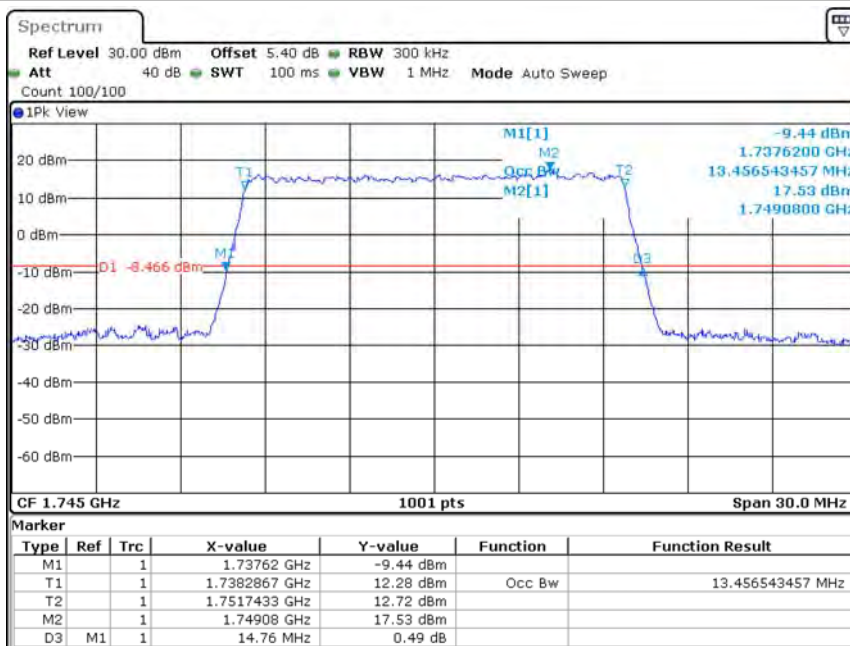
Band66-15MHz-16QAM-132047-75RB#0-13.427



Date: 16.MAY.2021 09:33:45

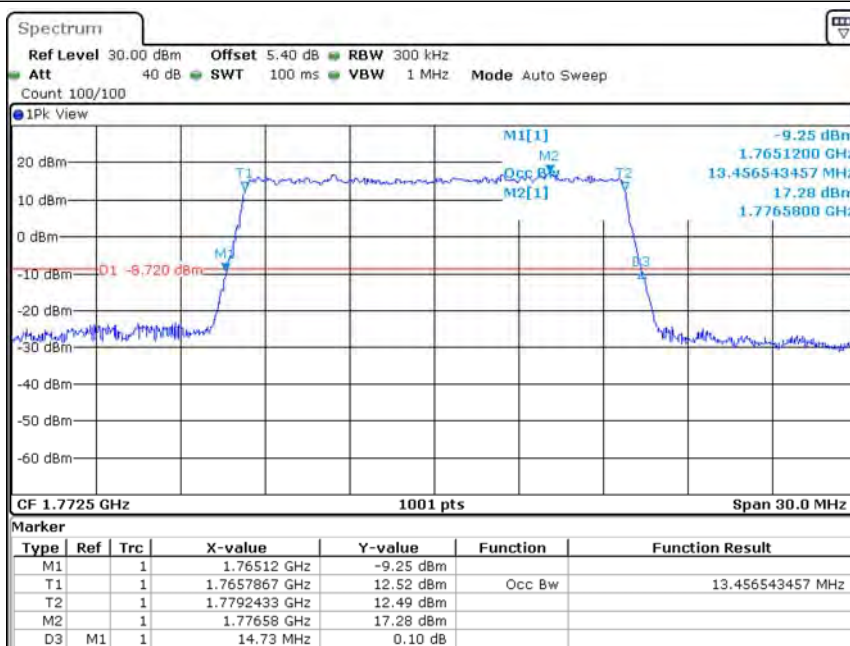


Band66-15MHz-16QAM-132322-75RB#0-13.457



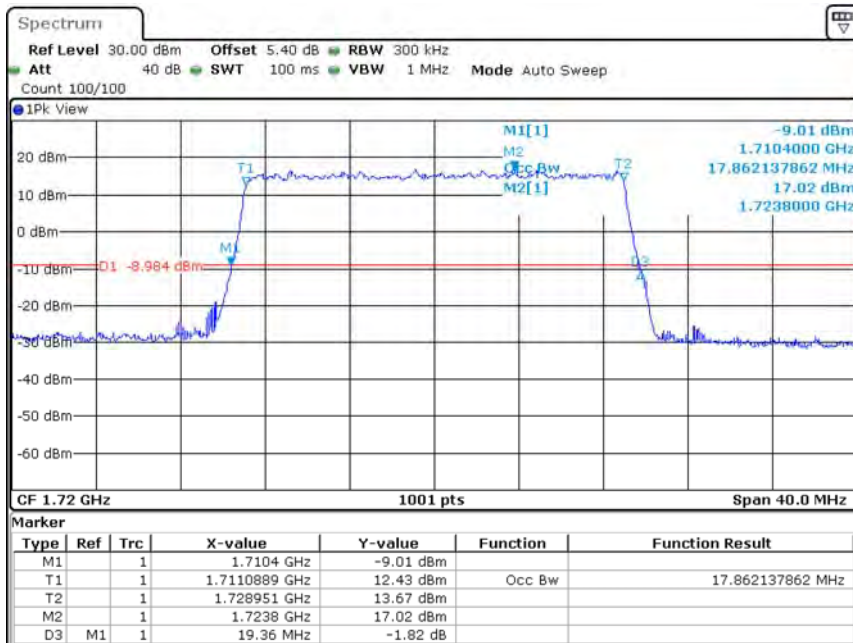
Date: 16.MAY.2021 09:34:25

Band66-15MHz-16QAM-132597-75RB#0-13.457



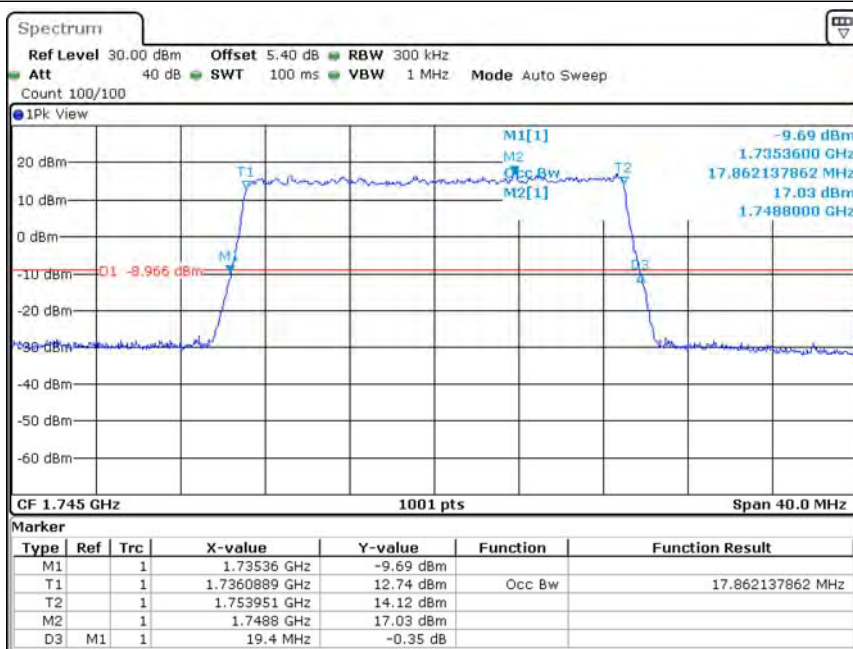
Date: 16.MAY.2021 09:35:05

Band66-20MHz-QPSK-132072-100RB#0-17.862



Date: 16 MAY 2021 09:35:31

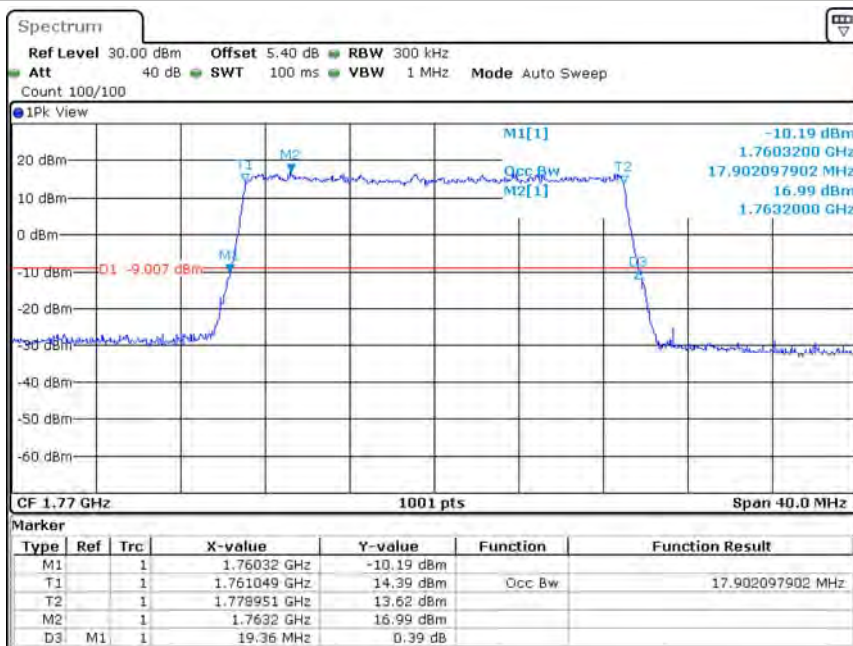
Band66-20MHz-QPSK-132322-100RB#0-17.862



Date: 16 MAY 2021 09:36:11

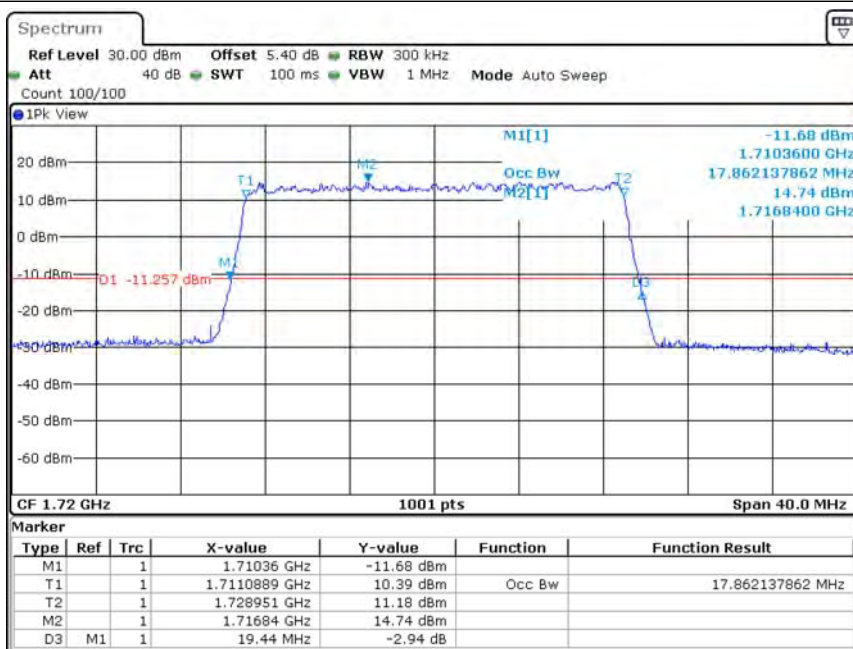


Band66-20MHz-QPSK-132572-100RB#0-17.902



Date: 16 MAY 2021 09:36:51

Band66-20MHz-64QAM-132072-100RB#0-17.862



Date: 16 MAY 2021 11:01:10



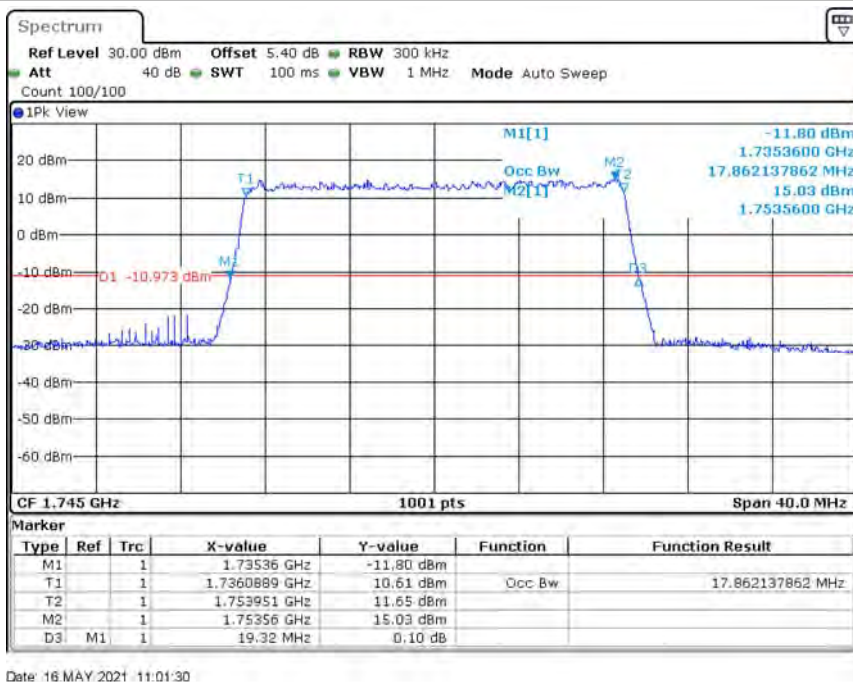
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

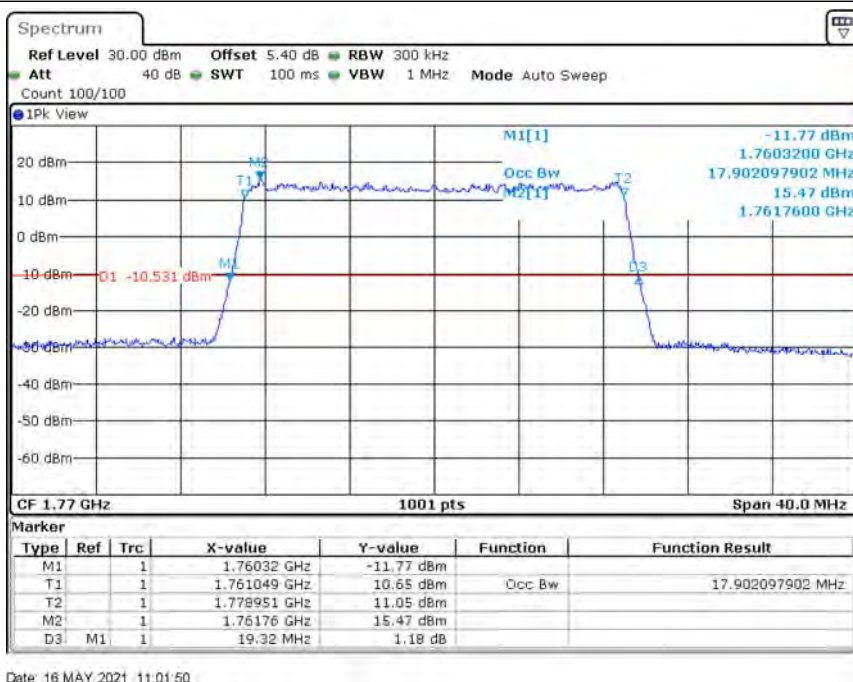
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (Technical Services) Laboratory

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

Band66-20MHz-64QAM-132322-100RB#0-17.862



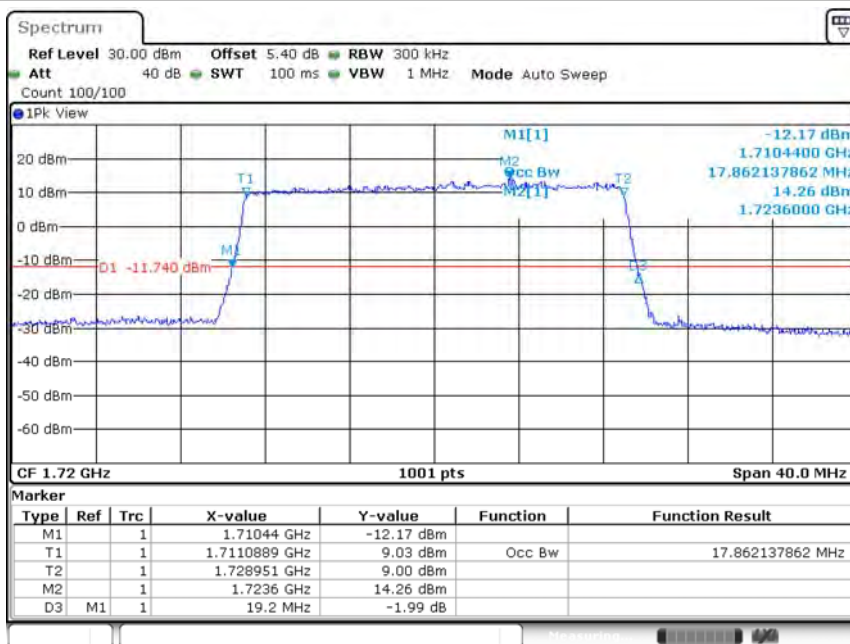
Band66-20MHz-64QAM-132572-100RB#0-17.902



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

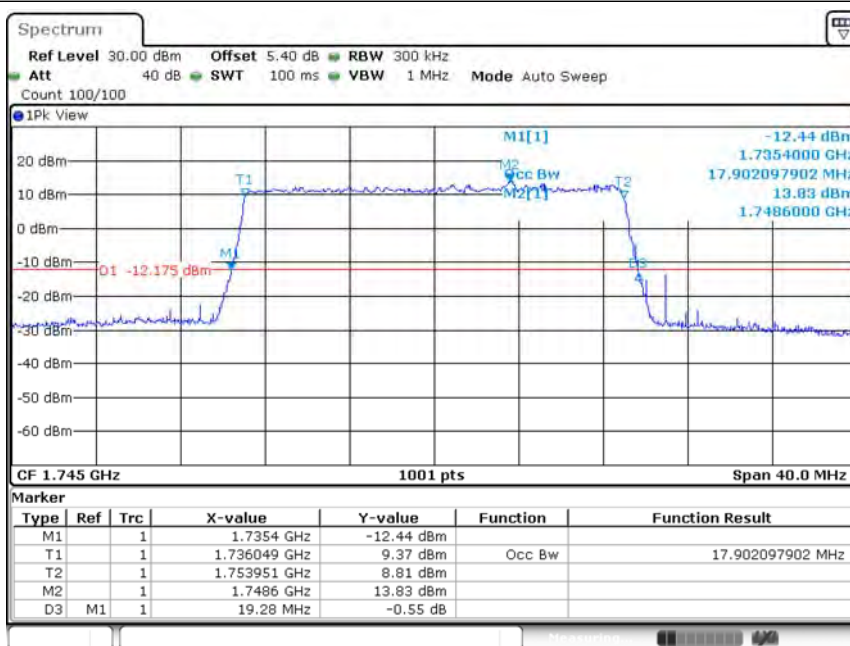
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-20MHz-256QAM-132072-100RB#0-17.862



Date: 5.MAY.2021 03:30:42

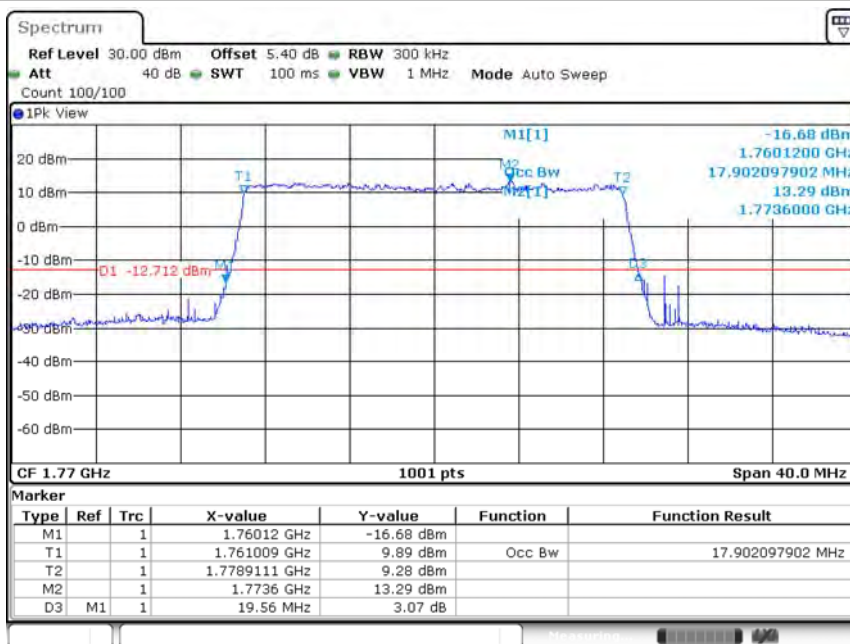
Band66-20MHz-256QAM-132322-100RB#0-17.902



Date: 5.MAY.2021 03:31:02

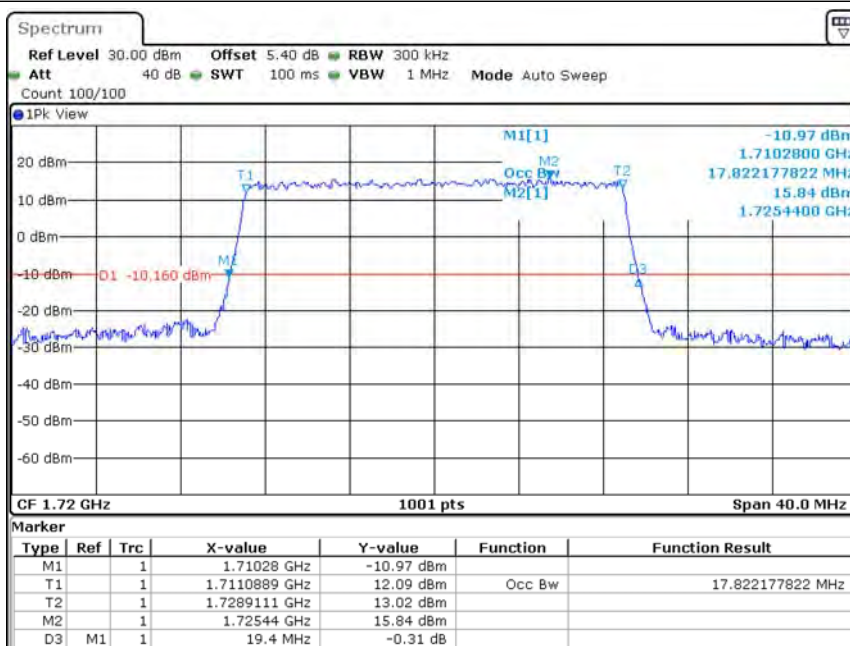


Band66-20MHz-256QAM-132572-100RB#0-17.902



Date: 5.MAY.2021 03:31:22

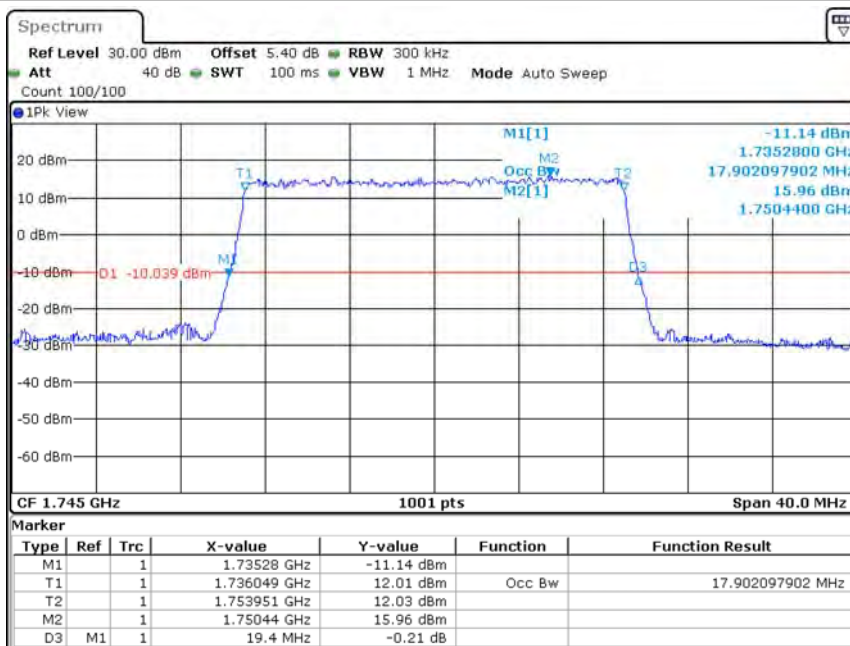
Band66-20MHz-16QAM-132072-100RB#0-17.822



Date: 16.MAY.2021 09:35:50

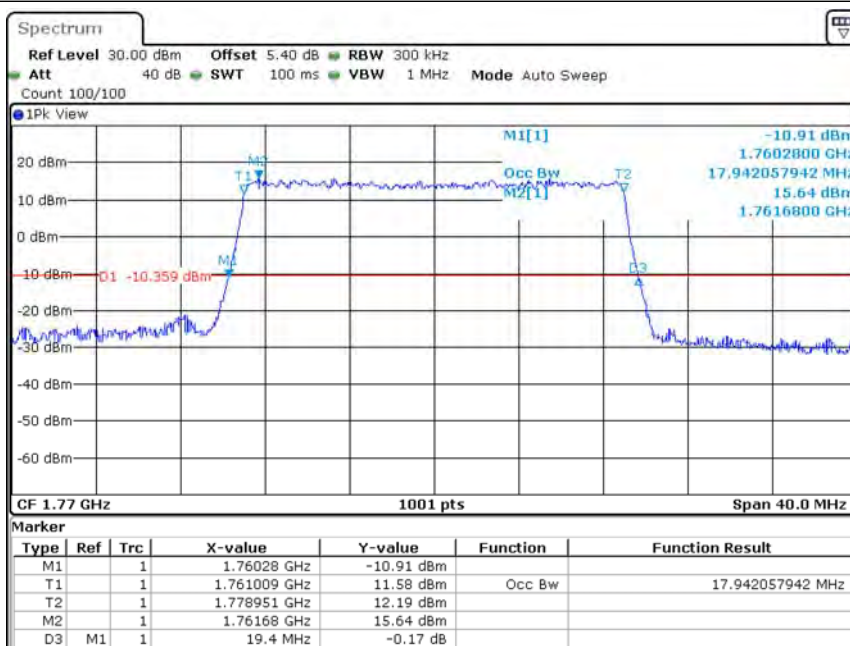


Band66-20MHz-16QAM-132322-100RB#0-17.902



Date: 16.MAY.2021 09:36:30

Band66-20MHz-16QAM-132572-100RB#0-17.942



Date: 16.MAY.2021 09:37:10



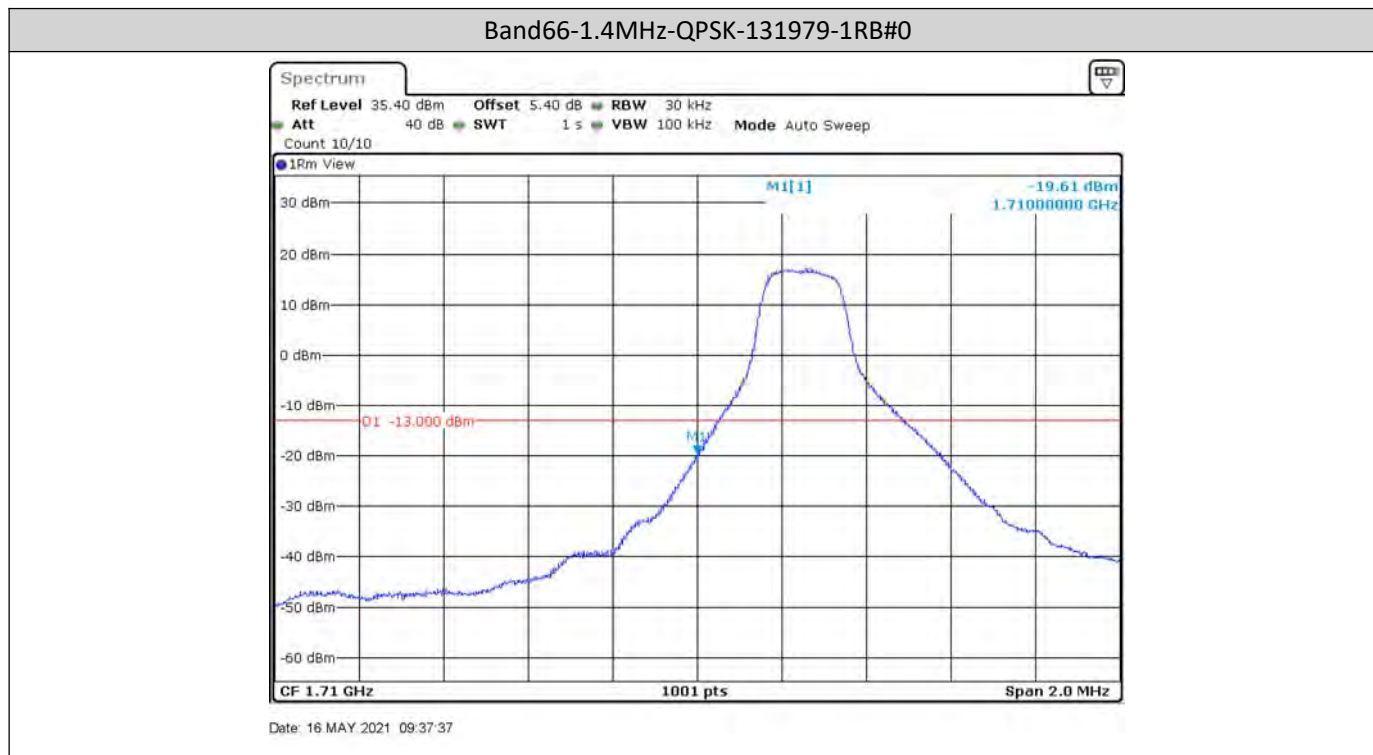
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



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

Band66-1.4MHz-QPSK-131979-6RB#0



Date: 16 MAY 2021 09:38:18

Band66-1.4MHz-QPSK-132665-1RB#5



Date: 16 MAY 2021 09:39:03

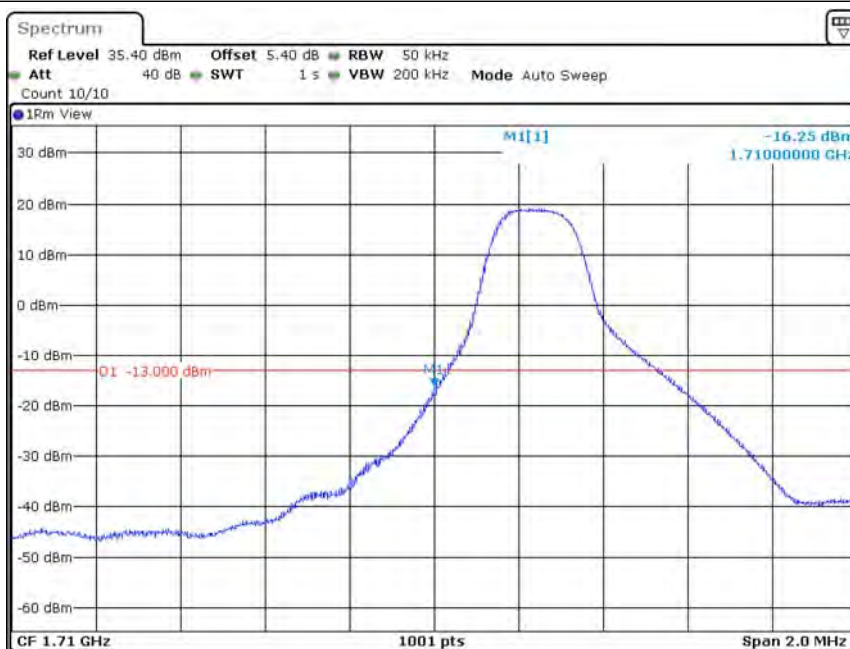


Band66-1.4MHz-QPSK-132665-6RB#0



Date: 16 MAY 2021 09:39:44

Band66-3MHz-QPSK-131987-1RB#0



Date: 16 MAY 2021 09:40:32



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

Band66-3MHz-QPSK-131987-15RB#0



Date: 16 MAY 2021 09:41:13

Band66-3MHz-QPSK-132657-1RB#14



Date: 16 MAY 2021 09:41:58



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

Band66-3MHz-QPSK-132657-15RB#0



Date: 16 MAY 2021 09:42:39

Band66-5MHz-QPSK-131997-1RB#0



Date: 16 MAY 2021 09:43:26



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

Band66-5MHz-QPSK-131997-25RB#0



Date: 16 MAY 2021 09:44:07

Band66-5MHz-QPSK-132647-1RB#24



Date: 16 MAY 2021 09:44:53



Band66-5MHz-QPSK-132647-25RB#0



Date: 16 MAY 2021 09:45:35

Band66-10MHz-QPSK-132022-1RB#0



Date: 16 MAY 2021 09:46:22



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

Band66-10MHz-QPSK-132022-50RB#0



Date: 16 MAY 2021 09:47:03

Band66-10MHz-QPSK-132622-1RB#49



Date: 16 MAY 2021 09:47:48



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

Band66-10MHz-QPSK-132622-50RB#0



Date: 16 MAY 2021 09:48:29

Band66-15MHz-QPSK-132047-1RB#0



Date: 16 MAY 2021 09:49:16



Band66-15MHz-QPSK-132047-75RB#0



Date: 16 MAY 2021 09:49:58

Band66-15MHz-QPSK-132597-1RB#74



Date: 16 MAY 2021 09:50:43



Band66-15MHz-QPSK-132597-75RB#0



Date: 16 MAY 2021 09:51:25

Band66-20MHz-QPSK-132072-1RB#0



Date: 16 MAY 2021 09:52:11



Band66-20MHz-QPSK-132072-100RB#0



Date: 16 MAY 2021 09:52:53

Band66-20MHz-QPSK-132572-1RB#99



Date: 16 MAY 2021 09:53:38





Band66-20MHz-QPSK-132572-100RB#0



Date: 16 MAY 2021 09:54:19

Remark: The limit of more than 1MHz offset the channel edge is corrected by the formula:

$$X = \text{Limit} + 10 \log (\text{RBW} / 1000 \text{ kHz})$$



Unless otherwise agreed in writing, this document is issued by the 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 (SGS-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

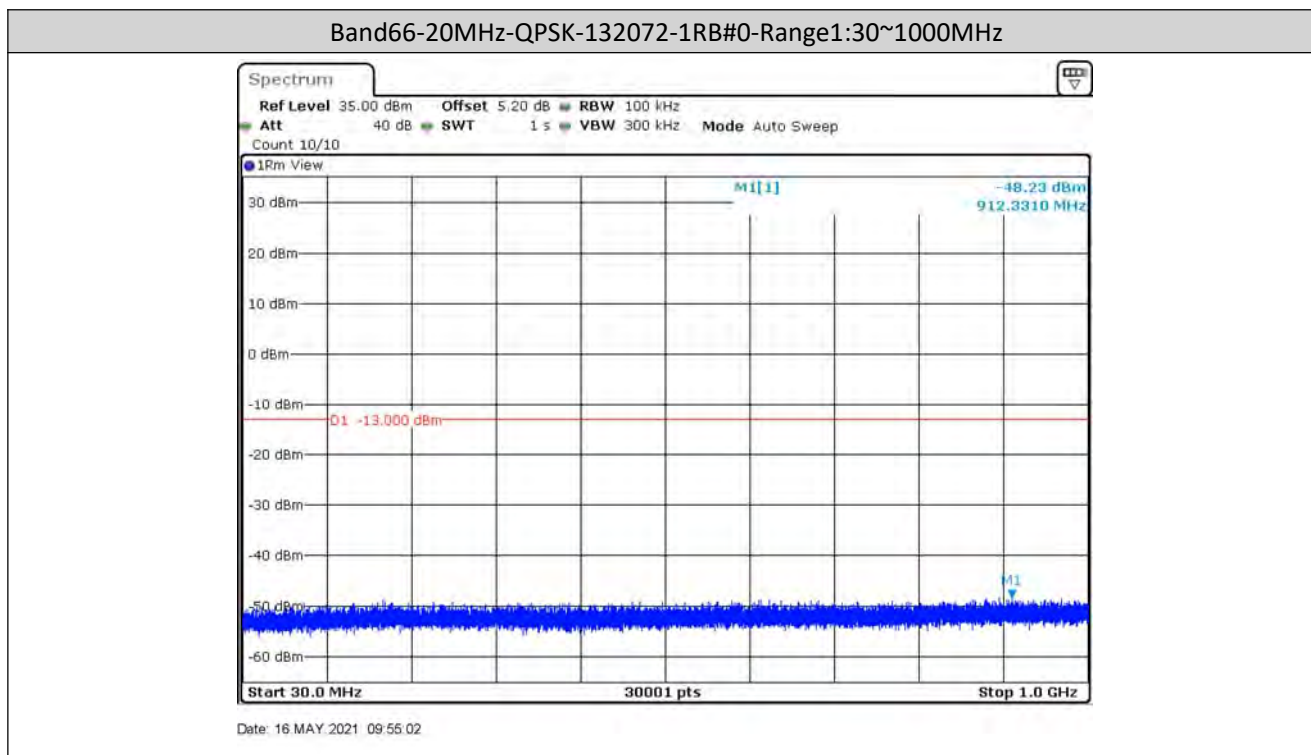
6. Spurious Emission at Antenna Terminal

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

Remark2: 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.

Remark3: 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.

6.1. Test Plots

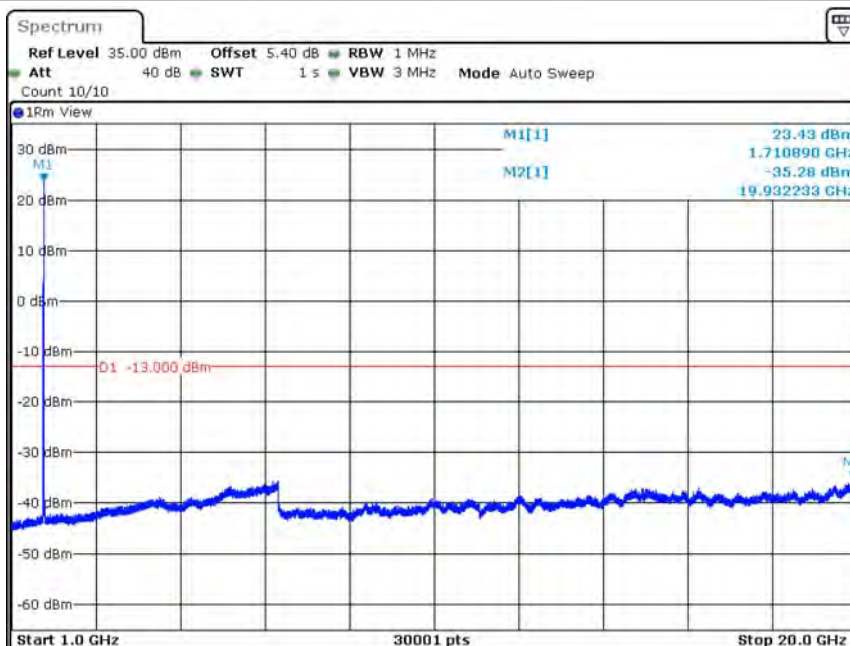


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

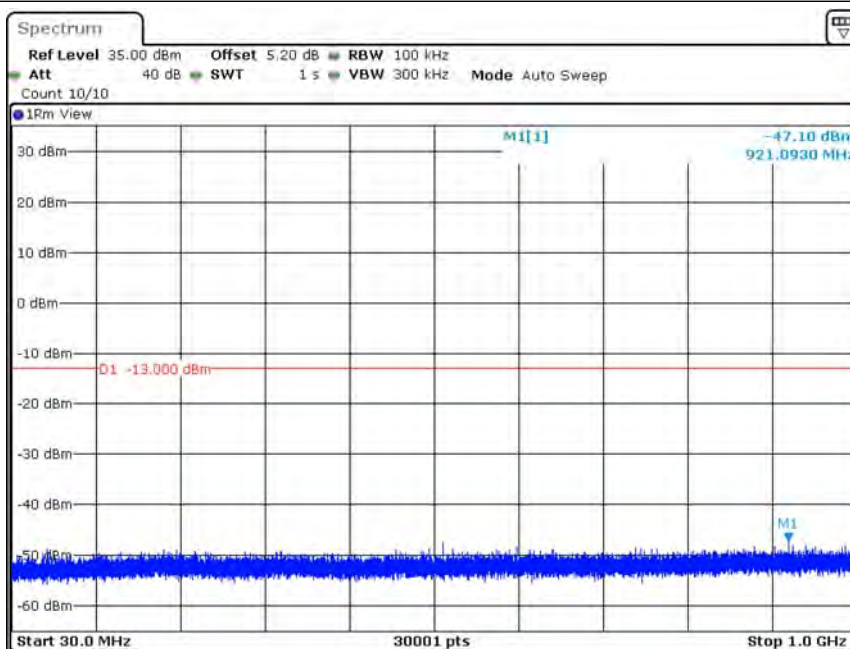
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~20000MHz



Date: 16 MAY 2021 09:55:19

Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



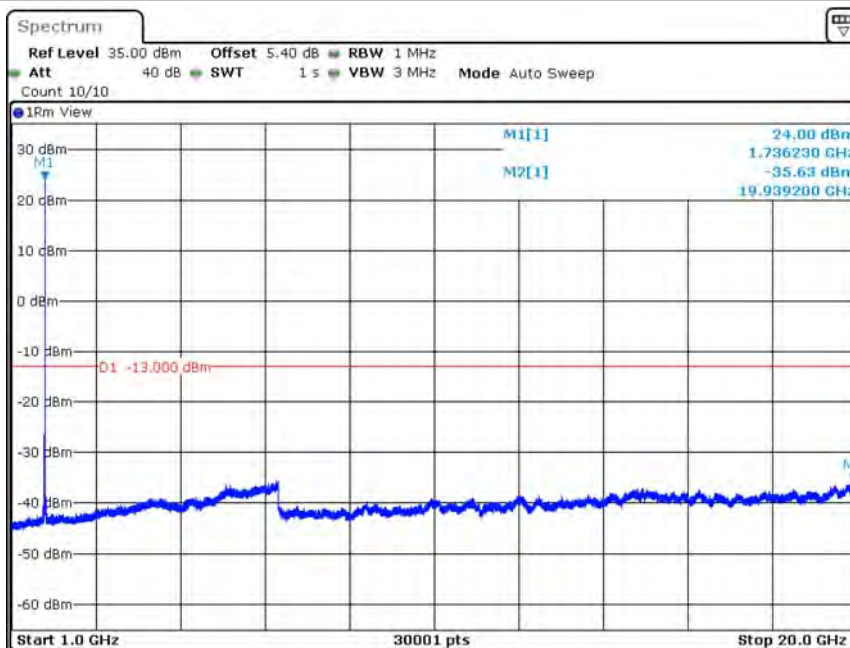
Date: 16 MAY 2021 09:56:13



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

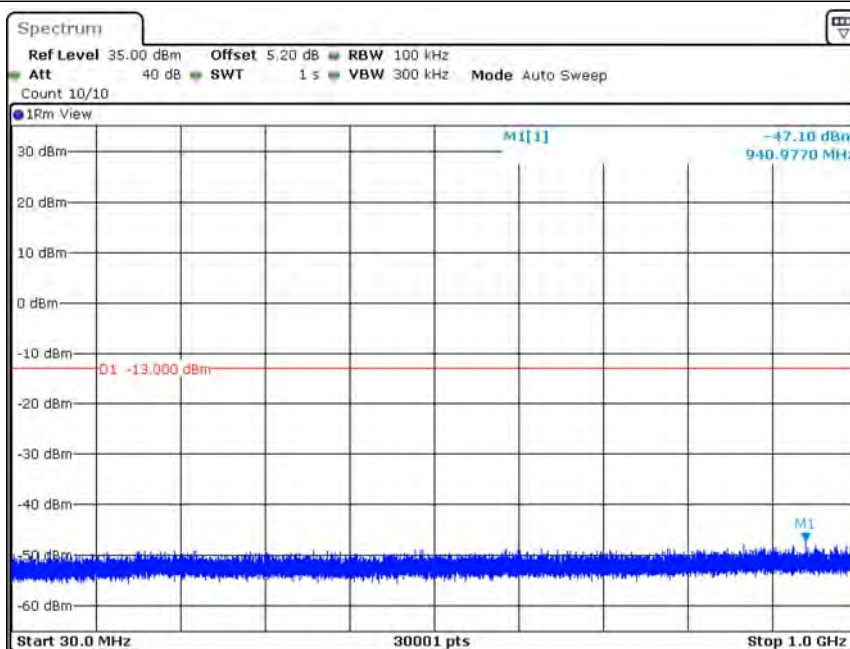
Attention: To check the authenticity of testing / inspection report and certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn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

Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~20000MHz



Date: 16 MAY 2021 09:56:29

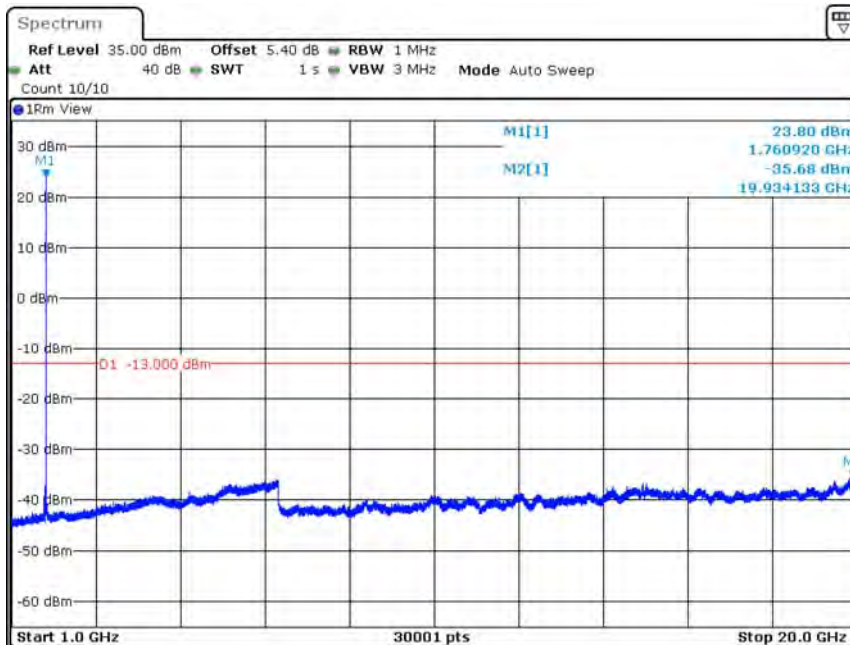
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



Date: 16 MAY 2021 09:57:23



Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~20000MHz



Date: 16 MAY 2021 09:57:39



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

7. Field Strength of Spurious Radiation

7.1. Test Band = Band 66

7.1.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1175.0088	27.39	-43.02	-13.00	30.02	Horizontal
2	2738.4869	29.61	-36.16	-13.00	23.16	Horizontal
3	3422.2711	54.68	-61.31	-13.00	48.31	Horizontal
4	5677.6339	49.11	-57.96	-13.00	44.96	Horizontal
5	7467.9734	49.16	-53.13	-13.00	40.13	Horizontal
6	17816.240	47.18	-47.02	-13.00	34.02	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-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



7.2. Test Band = Band 66

7.2.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1621.4311	27.69	-42.42	-13.00	29.42	Vertical
2	2940.2970	29.46	-35.29	-13.00	22.29	Vertical
3	3422.2711	56.98	-59.01	-13.00	46.01	Vertical
4	5555.3778	49.25	-58.64	-13.00	45.64	Vertical
5	7968.9985	52.22	-49.72	-13.00	36.72	Vertical
6	17981.999	47.10	-46.40	-13.00	33.40	Vertical



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



7.3. Test Band = Band 66

7.3.1. Test Channel = Mid Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1507.8254	27.32	-42.56	-13.00	29.56	Horizontal
2	2991.2996	29.46	-35.27	-13.00	22.27	Horizontal
3	4455.0728	51.84	-60.09	-13.00	47.09	Horizontal
4	5688.1344	48.64	-58.30	-13.00	45.30	Horizontal
5	10640.632	46.31	-50.54	-13.00	37.54	Horizontal
6	17987.999	47.29	-46.34	-13.00	33.34	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-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



7.4. Test Band = Band 66

7.4.1. Test Channel = Low Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1240.2120	27.72	-42.68	-13.00	29.68	Vertical
2	2998.5999	29.08	-35.41	-13.00	22.41	Vertical
3	5473.6237	49.57	-58.48	-13.00	45.48	Vertical
4	7968.9985	50.99	-50.95	-13.00	37.95	Vertical
5	14045.802	44.82	-47.19	-13.00	34.19	Vertical
6	17990.249	47.62	-46.06	-13.00	33.06	Vertical



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



7.5. Test Band = Band 66

7.5.1. Test Channel = High Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1535.7268	27.93	-42.19	-13.00	29.19	Horizontal
2	2984.8992	29.59	-35.15	-13.00	22.15	Horizontal
3	4859.3430	50.69	-59.72	-13.00	46.72	Horizontal
4	9007.8004	46.92	-52.03	-13.00	39.03	Horizontal
5	13376.018	45.04	-47.55	-13.00	34.55	Horizontal
6	17996.249	47.36	-46.44	-13.00	33.44	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-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

7.6.Test Band = Band 66

7.6.1. Test Channel = High Channel

NO.	Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1594.9297	27.88	-42.45	-13.00	29.45	Vertical
2	2932.5966	29.57	-35.15	-13.00	22.15	Vertical
3	5868.8934	49.40	-58.00	-13.00	45.00	Vertical
4	7968.9985	50.41	-51.53	-13.00	38.53	Vertical
5	13024.251	44.33	-48.26	-13.00	35.26	Vertical
6	17985.749	47.10	-46.48	-13.00	33.48	Vertical

Remark:

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



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



8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	-4.30	-0.002500	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	-6.80	-0.003953	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-1.30	-0.000756	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-0.20	-0.000115	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	8.20	0.004699	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-3.60	-0.002063	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	4.90	0.002768	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	11.10	0.006271	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	9.00	0.005085	±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 (Testing & Calibration 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



8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	9.50	0.005523	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	8.00	0.004651	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-10	10.60	0.006163	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	6.30	0.003663	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	9.60	0.005581	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-7.00	-0.004070	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	30	8.30	0.004826	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	40	11.70	0.006802	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	50	-6.30	-0.003663	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	12.60	0.007221	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	11.40	0.006533	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-10	-0.60	-0.000344	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	0.60	0.000344	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	5.70	0.003266	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-0.50	-0.000287	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	30	-5.40	-0.003095	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	40	-1.20	-0.000688	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	50	-0.60	-0.000344	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-0.60	-0.000339	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-4.20	-0.002373	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-10	-6.00	-0.003390	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	11.30	0.006384	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	6.70	0.003785	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	5.70	0.003220	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	30	-1.20	-0.000678	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	40	-6.00	-0.003390	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	50	8.90	0.005028	±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
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