

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

710086 www.sgs.com.cn
邮编 710086 sgs.china@sgs.com



CONTENT

1 EFFECTIVE (ISOTROPIC) RADIATED POWER.....4
 1.1. TEST RESULT.....4
 2. PEAK-TO-AVERAGE RATIO (CCDF).....17
 2.1. TEST RESULT.....17
 2.2. TEST PLOTS.....18
 3. MODULATION CHARACTERISTICS.....23
 3.1. TEST MODE = LTE /TM1 20MHZ.....23
 3.1.1. TEST CHANNEL = MCH.....23
 3.2. TEST MODE = LTE /TM2 20MHZ.....24
 3.2.1. TEST CHANNEL = MCH.....24
 3.3. TEST MODE = LTE /TM3 20MHZ.....25
 3.3.1. TEST CHANNEL = MCH.....25
 4. 26DB BANDWIDTH AND OCCUPIED BANDWIDTH.....26
 4.1. TEST RESULT.....26
 4.2. TEST PLOTS.....28
 5. BAND EDGE COMPLIANCE.....56
 5.1. TEST PLOTS.....56
 6. SPURIOUS EMISSION AT ANTENNA TERMINAL.....93
 6.1. TEST PLOTS.....93
 7. FIELD STRENGTH OF SPURIOUS RADIATION.....103
 7.1. TEST MODE =LTE/TM1 20MHZ.....103
 7.1.1. TEST CHANNEL = LCH.....103
 7.1.2. TEST CHANNEL = MCH.....103
 7.1.3. TEST CHANNEL = HCH.....104
 8. FREQUENCY STABILITY.....105

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China
 中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层 邮编 710086 sgs.china@sgs.com



8.1. FREQUENCY VS VOLTAGE..... 105
8.2. FREQUENCY VS TEMPERATURE..... 106

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgsgroup.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth h	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	limit (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#2	23.59	20.59	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#5	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#3	23.60	20.60	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#0	23.59	20.59	30	PASS
Band66	1.4MHz	QPSK	131979	3RB#1	23.64	20.64	30	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	22.61	19.61	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#5	23.43	20.43	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#2	23.55	20.55	30	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	23.42	20.42	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#1	23.57	20.57	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#3	23.52	20.52	30	PASS
Band66	1.4MHz	QPSK	132322	3RB#0	23.53	20.53	30	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	22.53	19.53	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#5	23.35	20.35	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#2	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	23.33	20.33	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#1	23.51	20.51	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#3	23.47	20.47	30	PASS
Band66	1.4MHz	QPSK	132665	3RB#0	23.45	20.45	30	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	22.45	19.45	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#2	21.67	18.67	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#5	21.50	18.50	30	PASS
Band66	1.4MHz	64QAM	131979	1RB#0	21.52	18.52	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	1.4MHz	64QAM	131979	3RB#0	21.56	18.56	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#1	21.59	18.59	30	PASS
Band66	1.4MHz	64QAM	131979	3RB#3	21.56	18.56	30	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	20.47	17.47	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#5	21.45	18.45	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#2	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132322	1RB#0	21.47	18.47	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#1	21.52	18.52	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#3	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132322	3RB#0	21.49	18.49	30	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	20.41	17.41	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#0	21.44	18.44	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#5	21.41	18.41	30	PASS
Band66	1.4MHz	64QAM	132665	1RB#2	21.57	18.57	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#0	21.47	18.47	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#1	21.53	18.53	30	PASS
Band66	1.4MHz	64QAM	132665	3RB#3	21.45	18.45	30	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	20.39	17.39	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#5	22.67	19.67	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#2	22.91	19.91	30	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	22.69	19.69	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#0	22.65	19.65	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#1	22.72	19.72	30	PASS
Band66	1.4MHz	16QAM	131979	3RB#3	22.63	19.63	30	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	21.65	18.65	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#5	22.66	19.66	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	22.67	19.67	30	PASS
Band66	1.4MHz	16QAM	132322	1RB#2	22.70	19.70	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#0	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132322	3RB#1	22.63	19.63	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgsgroup.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	1.4MHz	16QAM	132322	3RB#3	22.62	19.62	30	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	21.58	18.58	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	22.65	19.65	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#5	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132665	1RB#2	22.80	19.80	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#0	22.52	19.52	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#1	22.63	19.63	30	PASS
Band66	1.4MHz	16QAM	132665	3RB#3	22.59	19.59	30	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	21.55	18.55	30	PASS
Band66	3MHz	QPSK	131987	1RB#8	23.58	20.58	30	PASS
Band66	3MHz	QPSK	131987	1RB#0	23.55	20.55	30	PASS
Band66	3MHz	QPSK	131987	1RB#14	23.57	20.57	30	PASS
Band66	3MHz	QPSK	131987	8RB#7	22.61	19.61	30	PASS
Band66	3MHz	QPSK	131987	8RB#0	22.63	19.63	30	PASS
Band66	3MHz	QPSK	131987	8RB#4	22.65	19.65	30	PASS
Band66	3MHz	QPSK	131987	15RB#0	22.60	19.60	30	PASS
Band66	3MHz	QPSK	132322	1RB#8	23.52	20.52	30	PASS
Band66	3MHz	QPSK	132322	1RB#14	23.47	20.47	30	PASS
Band66	3MHz	QPSK	132322	1RB#0	23.47	20.47	30	PASS
Band66	3MHz	QPSK	132322	8RB#4	22.57	19.57	30	PASS
Band66	3MHz	QPSK	132322	8RB#7	22.55	19.55	30	PASS
Band66	3MHz	QPSK	132322	8RB#0	22.55	19.55	30	PASS
Band66	3MHz	QPSK	132322	15RB#0	22.54	19.54	30	PASS
Band66	3MHz	QPSK	132657	1RB#8	23.43	20.43	30	PASS
Band66	3MHz	QPSK	132657	1RB#0	23.41	20.41	30	PASS
Band66	3MHz	QPSK	132657	1RB#14	23.41	20.41	30	PASS
Band66	3MHz	QPSK	132657	8RB#7	22.46	19.46	30	PASS
Band66	3MHz	QPSK	132657	8RB#4	22.52	19.52	30	PASS
Band66	3MHz	QPSK	132657	8RB#0	22.48	19.48	30	PASS
Band66	3MHz	QPSK	132657	15RB#0	22.48	19.48	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgsgroup.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	3MHz	64QAM	131987	1RB#0	21.61	18.61	30	PASS
Band66	3MHz	64QAM	131987	1RB#8	21.63	18.63	30	PASS
Band66	3MHz	64QAM	131987	1RB#14	21.59	18.59	30	PASS
Band66	3MHz	64QAM	131987	8RB#0	20.51	17.51	30	PASS
Band66	3MHz	64QAM	131987	8RB#4	20.52	17.52	30	PASS
Band66	3MHz	64QAM	131987	8RB#7	20.53	17.53	30	PASS
Band66	3MHz	64QAM	131987	15RB#0	20.49	17.49	30	PASS
Band66	3MHz	64QAM	132322	1RB#14	21.51	18.51	30	PASS
Band66	3MHz	64QAM	132322	1RB#0	21.56	18.56	30	PASS
Band66	3MHz	64QAM	132322	1RB#8	21.52	18.52	30	PASS
Band66	3MHz	64QAM	132322	8RB#0	20.44	17.44	30	PASS
Band66	3MHz	64QAM	132322	8RB#7	20.42	17.42	30	PASS
Band66	3MHz	64QAM	132322	8RB#4	20.49	17.49	30	PASS
Band66	3MHz	64QAM	132322	15RB#0	20.41	17.41	30	PASS
Band66	3MHz	64QAM	132657	1RB#0	21.46	18.46	30	PASS
Band66	3MHz	64QAM	132657	1RB#8	21.51	18.51	30	PASS
Band66	3MHz	64QAM	132657	1RB#14	21.46	18.46	30	PASS
Band66	3MHz	64QAM	132657	8RB#7	20.39	17.39	30	PASS
Band66	3MHz	64QAM	132657	8RB#0	20.41	17.41	30	PASS
Band66	3MHz	64QAM	132657	8RB#4	20.42	17.42	30	PASS
Band66	3MHz	64QAM	132657	15RB#0	20.39	17.39	30	PASS
Band66	3MHz	16QAM	131987	1RB#0	22.84	19.84	30	PASS
Band66	3MHz	16QAM	131987	1RB#8	22.86	19.86	30	PASS
Band66	3MHz	16QAM	131987	1RB#14	22.88	19.88	30	PASS
Band66	3MHz	16QAM	131987	8RB#7	21.63	18.63	30	PASS
Band66	3MHz	16QAM	131987	8RB#0	21.64	18.64	30	PASS
Band66	3MHz	16QAM	131987	8RB#4	21.68	18.68	30	PASS
Band66	3MHz	16QAM	131987	15RB#0	21.58	18.58	30	PASS
Band66	3MHz	16QAM	132322	1RB#14	22.74	19.74	30	PASS
Band66	3MHz	16QAM	132322	1RB#8	22.75	19.75	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	3MHz	16QAM	132322	1RB#0	22.74	19.74	30	PASS
Band66	3MHz	16QAM	132322	8RB#4	21.62	18.62	30	PASS
Band66	3MHz	16QAM	132322	8RB#0	21.59	18.59	30	PASS
Band66	3MHz	16QAM	132322	8RB#7	21.57	18.57	30	PASS
Band66	3MHz	16QAM	132322	15RB#0	21.50	18.50	30	PASS
Band66	3MHz	16QAM	132657	1RB#0	22.69	19.69	30	PASS
Band66	3MHz	16QAM	132657	1RB#8	22.67	19.67	30	PASS
Band66	3MHz	16QAM	132657	1RB#14	22.61	19.61	30	PASS
Band66	3MHz	16QAM	132657	8RB#0	21.54	18.54	30	PASS
Band66	3MHz	16QAM	132657	8RB#4	21.56	18.56	30	PASS
Band66	3MHz	16QAM	132657	8RB#7	21.51	18.51	30	PASS
Band66	3MHz	16QAM	132657	15RB#0	21.47	18.47	30	PASS
Band66	5MHz	QPSK	131997	1RB#12	23.78	20.78	30	PASS
Band66	5MHz	QPSK	131997	1RB#0	23.48	20.48	30	PASS
Band66	5MHz	QPSK	131997	1RB#24	23.44	20.44	30	PASS
Band66	5MHz	QPSK	131997	12RB#13	22.64	19.64	30	PASS
Band66	5MHz	QPSK	131997	12RB#6	22.67	19.67	30	PASS
Band66	5MHz	QPSK	131997	12RB#0	22.60	19.60	30	PASS
Band66	5MHz	QPSK	131997	25RB#0	22.61	19.61	30	PASS
Band66	5MHz	QPSK	132322	1RB#0	23.40	20.40	30	PASS
Band66	5MHz	QPSK	132322	1RB#24	23.37	20.37	30	PASS
Band66	5MHz	QPSK	132322	1RB#12	23.70	20.70	30	PASS
Band66	5MHz	QPSK	132322	12RB#0	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132322	12RB#13	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132322	12RB#6	22.59	19.59	30	PASS
Band66	5MHz	QPSK	132322	25RB#0	22.54	19.54	30	PASS
Band66	5MHz	QPSK	132647	1RB#24	23.29	20.29	30	PASS
Band66	5MHz	QPSK	132647	1RB#0	23.33	20.33	30	PASS
Band66	5MHz	QPSK	132647	1RB#12	23.61	20.61	30	PASS
Band66	5MHz	QPSK	132647	12RB#0	22.48	19.48	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	5MHz	QPSK	132647	12RB#6	22.53	19.53	30	PASS
Band66	5MHz	QPSK	132647	12RB#13	22.46	19.46	30	PASS
Band66	5MHz	QPSK	132647	25RB#0	22.48	19.48	30	PASS
Band66	5MHz	64QAM	131997	1RB#24	21.51	18.51	30	PASS
Band66	5MHz	64QAM	131997	1RB#0	21.48	18.48	30	PASS
Band66	5MHz	64QAM	131997	1RB#12	21.82	18.82	30	PASS
Band66	5MHz	64QAM	131997	12RB#0	20.49	17.49	30	PASS
Band66	5MHz	64QAM	131997	12RB#13	20.51	17.51	30	PASS
Band66	5MHz	64QAM	131997	12RB#6	20.56	17.56	30	PASS
Band66	5MHz	64QAM	131997	25RB#0	20.49	17.49	30	PASS
Band66	5MHz	64QAM	132322	1RB#12	21.71	18.71	30	PASS
Band66	5MHz	64QAM	132322	1RB#0	21.41	18.41	30	PASS
Band66	5MHz	64QAM	132322	1RB#24	21.44	18.44	30	PASS
Band66	5MHz	64QAM	132322	12RB#0	20.41	17.41	30	PASS
Band66	5MHz	64QAM	132322	12RB#6	20.48	17.48	30	PASS
Band66	5MHz	64QAM	132322	12RB#13	20.40	17.40	30	PASS
Band66	5MHz	64QAM	132322	25RB#0	20.43	17.43	30	PASS
Band66	5MHz	64QAM	132647	1RB#12	21.69	18.69	30	PASS
Band66	5MHz	64QAM	132647	1RB#0	21.41	18.41	30	PASS
Band66	5MHz	64QAM	132647	1RB#24	21.37	18.37	30	PASS
Band66	5MHz	64QAM	132647	12RB#13	20.37	17.37	30	PASS
Band66	5MHz	64QAM	132647	12RB#6	20.46	17.46	30	PASS
Band66	5MHz	64QAM	132647	12RB#0	20.40	17.40	30	PASS
Band66	5MHz	64QAM	132647	25RB#0	20.40	17.40	30	PASS
Band66	5MHz	16QAM	131997	1RB#24	22.71	19.71	30	PASS
Band66	5MHz	16QAM	131997	1RB#12	23.02	20.02	30	PASS
Band66	5MHz	16QAM	131997	1RB#0	22.76	19.76	30	PASS
Band66	5MHz	16QAM	131997	12RB#0	21.60	18.60	30	PASS
Band66	5MHz	16QAM	131997	12RB#6	21.69	18.69	30	PASS
Band66	5MHz	16QAM	131997	12RB#13	21.60	18.60	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
 Xi'an, Shaanxi, China
 中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层 邮编 710086 sgs.china@sgs.com



Band66	5MHz	16QAM	131997	25RB#0	21.60	18.60	30	PASS
Band66	5MHz	16QAM	132322	1RB#24	22.60	19.60	30	PASS
Band66	5MHz	16QAM	132322	1RB#12	22.93	19.93	30	PASS
Band66	5MHz	16QAM	132322	1RB#0	22.69	19.69	30	PASS
Band66	5MHz	16QAM	132322	12RB#6	21.61	18.61	30	PASS
Band66	5MHz	16QAM	132322	12RB#0	21.54	18.54	30	PASS
Band66	5MHz	16QAM	132322	12RB#13	21.51	18.51	30	PASS
Band66	5MHz	16QAM	132322	25RB#0	21.51	18.51	30	PASS
Band66	5MHz	16QAM	132647	1RB#24	22.50	19.50	30	PASS
Band66	5MHz	16QAM	132647	1RB#0	22.60	19.60	30	PASS
Band66	5MHz	16QAM	132647	1RB#12	22.79	19.79	30	PASS
Band66	5MHz	16QAM	132647	12RB#0	21.49	18.49	30	PASS
Band66	5MHz	16QAM	132647	12RB#6	21.56	18.56	30	PASS
Band66	5MHz	16QAM	132647	12RB#13	21.48	18.48	30	PASS
Band66	5MHz	16QAM	132647	25RB#0	21.46	18.46	30	PASS
Band66	10MHz	QPSK	132022	1RB#0	23.56	20.56	30	PASS
Band66	10MHz	QPSK	132022	1RB#24	23.64	20.64	30	PASS
Band66	10MHz	QPSK	132022	1RB#49	23.54	20.54	30	PASS
Band66	10MHz	QPSK	132022	25RB#0	22.63	19.63	30	PASS
Band66	10MHz	QPSK	132022	25RB#12	22.65	19.65	30	PASS
Band66	10MHz	QPSK	132022	25RB#25	22.67	19.67	30	PASS
Band66	10MHz	QPSK	132022	50RB#0	22.65	19.65	30	PASS
Band66	10MHz	QPSK	132322	1RB#0	23.51	20.51	30	PASS
Band66	10MHz	QPSK	132322	1RB#24	23.59	20.59	30	PASS
Band66	10MHz	QPSK	132322	1RB#49	23.47	20.47	30	PASS
Band66	10MHz	QPSK	132322	25RB#12	22.59	19.59	30	PASS
Band66	10MHz	QPSK	132322	25RB#25	22.56	19.56	30	PASS
Band66	10MHz	QPSK	132322	25RB#0	22.58	19.58	30	PASS
Band66	10MHz	QPSK	132322	50RB#0	22.58	19.58	30	PASS
Band66	10MHz	QPSK	132622	1RB#0	23.43	20.43	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgsgroup.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	10MHz	QPSK	132622	1RB#24	23.55	20.55	30	PASS
Band66	10MHz	QPSK	132622	1RB#49	23.40	20.40	30	PASS
Band66	10MHz	QPSK	132622	25RB#0	22.55	19.55	30	PASS
Band66	10MHz	QPSK	132622	25RB#12	22.53	19.53	30	PASS
Band66	10MHz	QPSK	132622	25RB#25	22.50	19.50	30	PASS
Band66	10MHz	QPSK	132622	50RB#0	22.53	19.53	30	PASS
Band66	10MHz	64QAM	132022	1RB#0	21.58	18.58	30	PASS
Band66	10MHz	64QAM	132022	1RB#49	21.56	18.56	30	PASS
Band66	10MHz	64QAM	132022	1RB#24	21.68	18.68	30	PASS
Band66	10MHz	64QAM	132022	25RB#12	20.54	17.54	30	PASS
Band66	10MHz	64QAM	132022	25RB#0	20.51	17.51	30	PASS
Band66	10MHz	64QAM	132022	25RB#25	20.55	17.55	30	PASS
Band66	10MHz	64QAM	132022	50RB#0	20.54	17.54	30	PASS
Band66	10MHz	64QAM	132322	1RB#0	21.51	18.51	30	PASS
Band66	10MHz	64QAM	132322	1RB#49	21.47	18.47	30	PASS
Band66	10MHz	64QAM	132322	1RB#24	21.62	18.62	30	PASS
Band66	10MHz	64QAM	132322	25RB#0	20.46	17.46	30	PASS
Band66	10MHz	64QAM	132322	25RB#12	20.49	17.49	30	PASS
Band66	10MHz	64QAM	132322	25RB#25	20.43	17.43	30	PASS
Band66	10MHz	64QAM	132322	50RB#0	20.46	17.46	30	PASS
Band66	10MHz	64QAM	132622	1RB#49	21.49	18.49	30	PASS
Band66	10MHz	64QAM	132622	1RB#24	21.64	18.64	30	PASS
Band66	10MHz	64QAM	132622	1RB#0	21.56	18.56	30	PASS
Band66	10MHz	64QAM	132622	25RB#25	20.43	17.43	30	PASS
Band66	10MHz	64QAM	132622	25RB#0	20.47	17.47	30	PASS
Band66	10MHz	64QAM	132622	25RB#12	20.45	17.45	30	PASS
Band66	10MHz	64QAM	132622	50RB#0	20.43	17.43	30	PASS
Band66	10MHz	16QAM	132022	1RB#49	22.84	19.84	30	PASS
Band66	10MHz	16QAM	132022	1RB#0	22.79	19.79	30	PASS
Band66	10MHz	16QAM	132022	1RB#24	22.87	19.87	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	10MHz	16QAM	132022	25RB#25	21.64	18.64	30	PASS
Band66	10MHz	16QAM	132022	25RB#0	21.59	18.59	30	PASS
Band66	10MHz	16QAM	132022	25RB#12	21.61	18.61	30	PASS
Band66	10MHz	16QAM	132022	50RB#0	21.62	18.62	30	PASS
Band66	10MHz	16QAM	132322	1RB#0	22.68	19.68	30	PASS
Band66	10MHz	16QAM	132322	1RB#24	22.88	19.88	30	PASS
Band66	10MHz	16QAM	132322	1RB#49	22.75	19.75	30	PASS
Band66	10MHz	16QAM	132322	25RB#0	21.56	18.56	30	PASS
Band66	10MHz	16QAM	132322	25RB#12	21.55	18.55	30	PASS
Band66	10MHz	16QAM	132322	25RB#25	21.53	18.53	30	PASS
Band66	10MHz	16QAM	132322	50RB#0	21.55	18.55	30	PASS
Band66	10MHz	16QAM	132622	1RB#24	22.87	19.87	30	PASS
Band66	10MHz	16QAM	132622	1RB#49	22.64	19.64	30	PASS
Band66	10MHz	16QAM	132622	1RB#0	22.76	19.76	30	PASS
Band66	10MHz	16QAM	132622	25RB#0	21.54	18.54	30	PASS
Band66	10MHz	16QAM	132622	25RB#12	21.52	18.52	30	PASS
Band66	10MHz	16QAM	132622	25RB#25	21.50	18.50	30	PASS
Band66	10MHz	16QAM	132622	50RB#0	21.53	18.53	30	PASS
Band66	15MHz	QPSK	132047	1RB#0	23.52	20.52	30	PASS
Band66	15MHz	QPSK	132047	1RB#38	23.59	20.59	30	PASS
Band66	15MHz	QPSK	132047	1RB#74	23.49	20.49	30	PASS
Band66	15MHz	QPSK	132047	36RB#39	22.65	19.65	30	PASS
Band66	15MHz	QPSK	132047	36RB#18	22.65	19.65	30	PASS
Band66	15MHz	QPSK	132047	36RB#0	22.62	19.62	30	PASS
Band66	15MHz	QPSK	132047	75RB#0	22.61	19.61	30	PASS
Band66	15MHz	QPSK	132322	1RB#74	23.43	20.43	30	PASS
Band66	15MHz	QPSK	132322	1RB#0	23.45	20.45	30	PASS
Band66	15MHz	QPSK	132322	1RB#38	23.53	20.53	30	PASS
Band66	15MHz	QPSK	132322	36RB#0	22.58	19.58	30	PASS
Band66	15MHz	QPSK	132322	36RB#39	22.56	19.56	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgsgroup.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	15MHz	QPSK	132322	36RB#18	22.58	19.58	30	PASS
Band66	15MHz	QPSK	132322	75RB#0	22.55	19.55	30	PASS
Band66	15MHz	QPSK	132597	1RB#38	23.47	20.47	30	PASS
Band66	15MHz	QPSK	132597	1RB#0	23.39	20.39	30	PASS
Band66	15MHz	QPSK	132597	1RB#74	23.37	20.37	30	PASS
Band66	15MHz	QPSK	132597	36RB#39	22.50	19.50	30	PASS
Band66	15MHz	QPSK	132597	36RB#0	22.55	19.55	30	PASS
Band66	15MHz	QPSK	132597	36RB#18	22.56	19.56	30	PASS
Band66	15MHz	QPSK	132597	75RB#0	22.53	19.53	30	PASS
Band66	15MHz	64QAM	132047	1RB#74	21.49	18.49	30	PASS
Band66	15MHz	64QAM	132047	1RB#38	21.60	18.60	30	PASS
Band66	15MHz	64QAM	132047	1RB#0	21.55	18.55	30	PASS
Band66	15MHz	64QAM	132047	36RB#0	20.47	17.47	30	PASS
Band66	15MHz	64QAM	132047	36RB#18	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132047	36RB#39	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132047	75RB#0	20.51	17.51	30	PASS
Band66	15MHz	64QAM	132322	1RB#0	21.47	18.47	30	PASS
Band66	15MHz	64QAM	132322	1RB#38	21.54	18.54	30	PASS
Band66	15MHz	64QAM	132322	1RB#74	21.55	18.55	30	PASS
Band66	15MHz	64QAM	132322	36RB#0	20.45	17.45	30	PASS
Band66	15MHz	64QAM	132322	36RB#18	20.46	17.46	30	PASS
Band66	15MHz	64QAM	132322	36RB#39	20.42	17.42	30	PASS
Band66	15MHz	64QAM	132322	75RB#0	20.44	17.44	30	PASS
Band66	15MHz	64QAM	132597	1RB#38	21.56	18.56	30	PASS
Band66	15MHz	64QAM	132597	1RB#74	21.42	18.42	30	PASS
Band66	15MHz	64QAM	132597	1RB#0	21.46	18.46	30	PASS
Band66	15MHz	64QAM	132597	36RB#0	20.42	17.42	30	PASS
Band66	15MHz	64QAM	132597	36RB#18	20.44	17.44	30	PASS
Band66	15MHz	64QAM	132597	36RB#39	20.40	17.40	30	PASS
Band66	15MHz	64QAM	132597	75RB#0	20.45	17.45	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	15MHz	16QAM	132047	1RB#0	22.77	19.77	30	PASS
Band66	15MHz	16QAM	132047	1RB#38	22.88	19.88	30	PASS
Band66	15MHz	16QAM	132047	1RB#74	22.73	19.73	30	PASS
Band66	15MHz	16QAM	132047	36RB#0	21.57	18.57	30	PASS
Band66	15MHz	16QAM	132047	36RB#18	21.60	18.60	30	PASS
Band66	15MHz	16QAM	132047	36RB#39	21.63	18.63	30	PASS
Band66	15MHz	16QAM	132047	75RB#0	21.62	18.62	30	PASS
Band66	15MHz	16QAM	132322	1RB#38	22.79	19.79	30	PASS
Band66	15MHz	16QAM	132322	1RB#74	22.73	19.73	30	PASS
Band66	15MHz	16QAM	132322	1RB#0	22.70	19.70	30	PASS
Band66	15MHz	16QAM	132322	36RB#0	21.53	18.53	30	PASS
Band66	15MHz	16QAM	132322	36RB#18	21.55	18.55	30	PASS
Band66	15MHz	16QAM	132322	36RB#39	21.48	18.48	30	PASS
Band66	15MHz	16QAM	132322	75RB#0	21.52	18.52	30	PASS
Band66	15MHz	16QAM	132597	1RB#0	22.71	19.71	30	PASS
Band66	15MHz	16QAM	132597	1RB#38	22.70	19.70	30	PASS
Band66	15MHz	16QAM	132597	1RB#74	22.56	19.56	30	PASS
Band66	15MHz	16QAM	132597	36RB#39	21.47	18.47	30	PASS
Band66	15MHz	16QAM	132597	36RB#0	21.53	18.53	30	PASS
Band66	15MHz	16QAM	132597	36RB#18	21.54	18.54	30	PASS
Band66	15MHz	16QAM	132597	75RB#0	21.51	18.51	30	PASS
Band66	20MHz	QPSK	132072	1RB#49	23.63	20.63	30	PASS
Band66	20MHz	QPSK	132072	1RB#99	23.39	20.39	30	PASS
Band66	20MHz	QPSK	132072	1RB#0	23.43	20.43	30	PASS
Band66	20MHz	QPSK	132072	50RB#0	22.58	19.58	30	PASS
Band66	20MHz	QPSK	132072	50RB#25	22.62	19.62	30	PASS
Band66	20MHz	QPSK	132072	50RB#50	22.66	19.66	30	PASS
Band66	20MHz	QPSK	132072	100RB#0	22.61	19.61	30	PASS
Band66	20MHz	QPSK	132322	1RB#99	23.36	20.36	30	PASS
Band66	20MHz	QPSK	132322	1RB#49	23.62	20.62	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	20MHz	QPSK	132322	1RB#0	23.38	20.38	30	PASS
Band66	20MHz	QPSK	132322	50RB#25	22.59	19.59	30	PASS
Band66	20MHz	QPSK	132322	50RB#0	22.55	19.55	30	PASS
Band66	20MHz	QPSK	132322	50RB#50	22.48	19.48	30	PASS
Band66	20MHz	QPSK	132322	100RB#0	22.51	19.51	30	PASS
Band66	20MHz	QPSK	132572	1RB#49	23.57	20.57	30	PASS
Band66	20MHz	QPSK	132572	1RB#0	23.35	20.35	30	PASS
Band66	20MHz	QPSK	132572	1RB#99	23.29	20.29	30	PASS
Band66	20MHz	QPSK	132572	50RB#25	22.56	19.56	30	PASS
Band66	20MHz	QPSK	132572	50RB#50	22.48	19.48	30	PASS
Band66	20MHz	QPSK	132572	50RB#0	22.59	19.59	30	PASS
Band66	20MHz	QPSK	132572	100RB#0	22.53	19.53	30	PASS
Band66	20MHz	64QAM	132072	1RB#0	21.46	18.46	30	PASS
Band66	20MHz	64QAM	132072	1RB#49	21.70	18.70	30	PASS
Band66	20MHz	64QAM	132072	1RB#99	21.44	18.44	30	PASS
Band66	20MHz	64QAM	132072	50RB#0	20.46	17.46	30	PASS
Band66	20MHz	64QAM	132072	50RB#25	20.52	17.52	30	PASS
Band66	20MHz	64QAM	132072	50RB#50	20.55	17.55	30	PASS
Band66	20MHz	64QAM	132072	100RB#0	20.49	17.49	30	PASS
Band66	20MHz	64QAM	132322	1RB#99	21.39	18.39	30	PASS
Band66	20MHz	64QAM	132322	1RB#0	21.44	18.44	30	PASS
Band66	20MHz	64QAM	132322	1RB#49	21.67	18.67	30	PASS
Band66	20MHz	64QAM	132322	50RB#25	20.50	17.50	30	PASS
Band66	20MHz	64QAM	132322	50RB#50	20.41	17.41	30	PASS
Band66	20MHz	64QAM	132322	50RB#0	20.45	17.45	30	PASS
Band66	20MHz	64QAM	132322	100RB#0	20.41	17.41	30	PASS
Band66	20MHz	64QAM	132572	1RB#49	21.63	18.63	30	PASS
Band66	20MHz	64QAM	132572	1RB#99	21.39	18.39	30	PASS
Band66	20MHz	64QAM	132572	1RB#0	21.40	18.40	30	PASS
Band66	20MHz	64QAM	132572	50RB#50	20.39	17.39	30	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



Band66	20MHz	64QAM	132572	50RB#0	20.48	17.48	30	PASS
Band66	20MHz	64QAM	132572	50RB#25	20.47	17.47	30	PASS
Band66	20MHz	64QAM	132572	100RB#0	20.40	17.40	30	PASS
Band66	20MHz	16QAM	132072	1RB#99	22.59	19.59	30	PASS
Band66	20MHz	16QAM	132072	1RB#0	22.68	19.68	30	PASS
Band66	20MHz	16QAM	132072	1RB#49	22.93	19.93	30	PASS
Band66	20MHz	16QAM	132072	50RB#0	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132072	50RB#25	21.62	18.62	30	PASS
Band66	20MHz	16QAM	132072	50RB#50	21.62	18.62	30	PASS
Band66	20MHz	16QAM	132072	100RB#0	21.58	18.58	30	PASS
Band66	20MHz	16QAM	132322	1RB#99	22.61	19.61	30	PASS
Band66	20MHz	16QAM	132322	1RB#49	22.79	19.79	30	PASS
Band66	20MHz	16QAM	132322	1RB#0	22.71	19.71	30	PASS
Band66	20MHz	16QAM	132322	50RB#25	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132322	50RB#0	21.51	18.51	30	PASS
Band66	20MHz	16QAM	132322	50RB#50	21.46	18.46	30	PASS
Band66	20MHz	16QAM	132322	100RB#0	21.48	18.48	30	PASS
Band66	20MHz	16QAM	132572	1RB#99	22.48	19.48	30	PASS
Band66	20MHz	16QAM	132572	1RB#49	22.77	19.77	30	PASS
Band66	20MHz	16QAM	132572	1RB#0	22.62	19.62	30	PASS
Band66	20MHz	16QAM	132572	50RB#50	21.44	18.44	30	PASS
Band66	20MHz	16QAM	132572	50RB#25	21.54	18.54	30	PASS
Band66	20MHz	16QAM	132572	50RB#0	21.55	18.55	30	PASS
Band66	20MHz	16QAM	132572	100RB#0	21.51	18.51	30	PASS

Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 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	5.30	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.16	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	5.19	13	PASS
Band66	20MHz	64QAM	132072	100RB#0	6.38	13	PASS
Band66	20MHz	64QAM	132322	100RB#0	6.26	13	PASS
Band66	20MHz	64QAM	132572	100RB#0	6.29	13	PASS
Band66	20MHz	16QAM	132072	100RB#0	6.09	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.97	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	6.00	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

710086

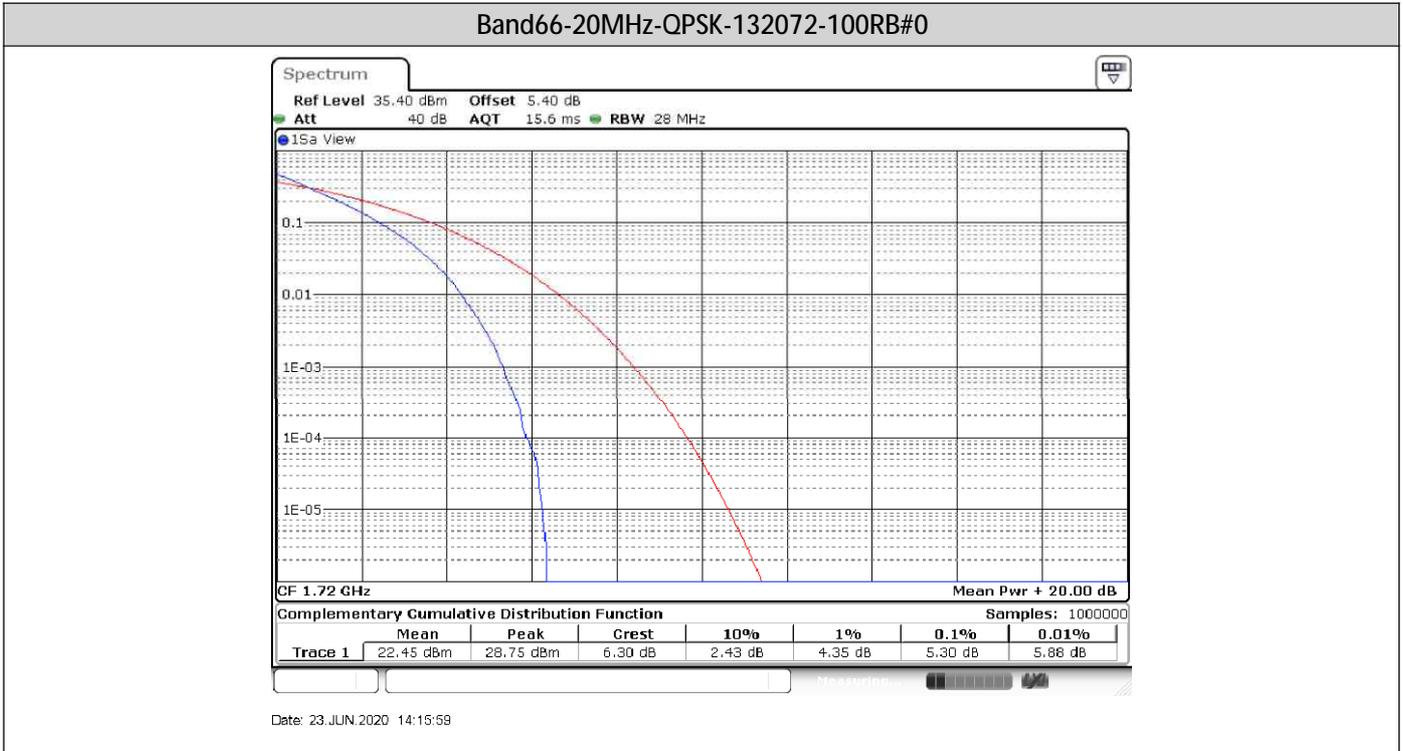
www.sgs.com.cn

邮编 710086

sgs.china@sgs.com



2.2. Test Plots



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

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

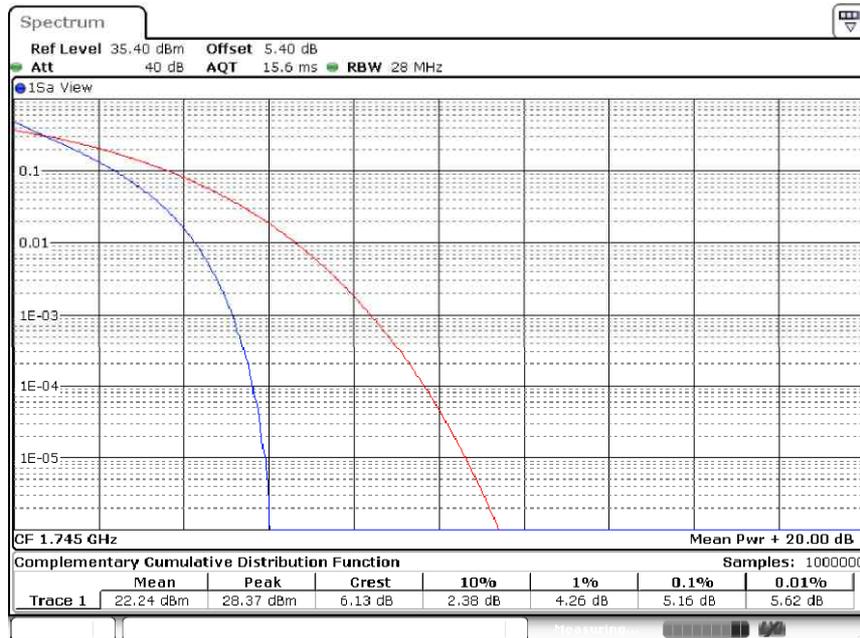
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

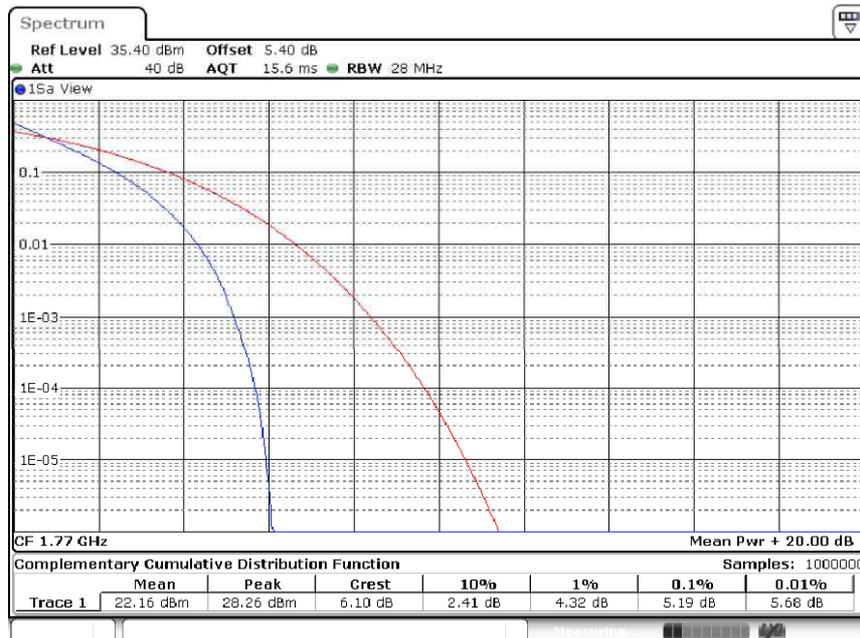


Band66-20MHz-QPSK-132322-100RB#0



Date: 23 JUN 2020 14:16:21

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



Date: 23 JUN 2020 14:16:44

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

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

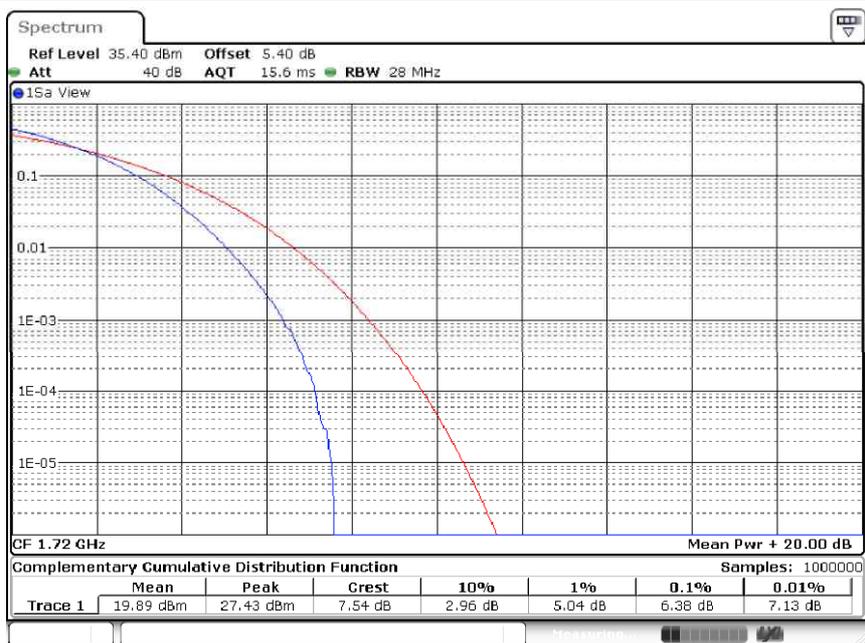
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

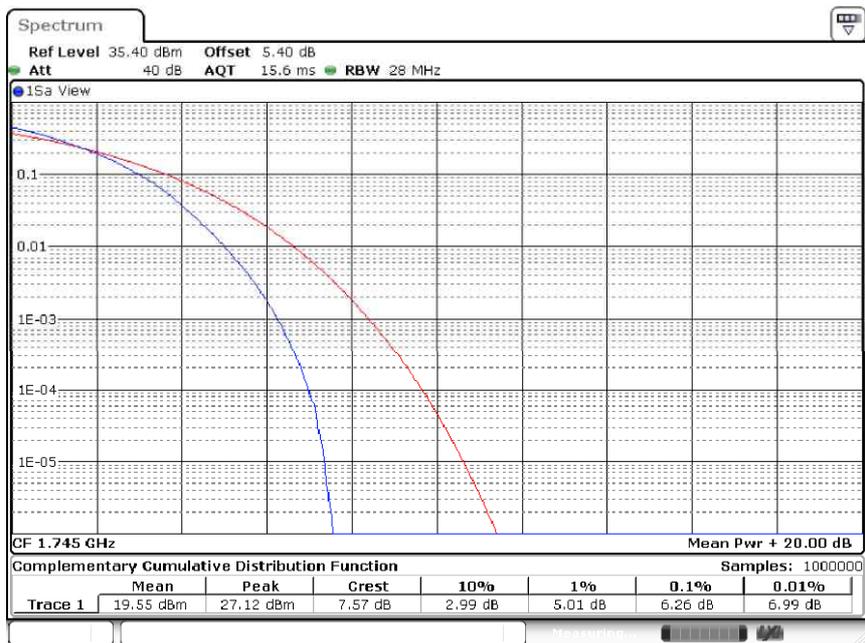


Band66-20MHz-64QAM-132072-100RB#0



Date: 24 JUN 2020 10:52:17

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



Date: 24 JUN 2020 10:52:29

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

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

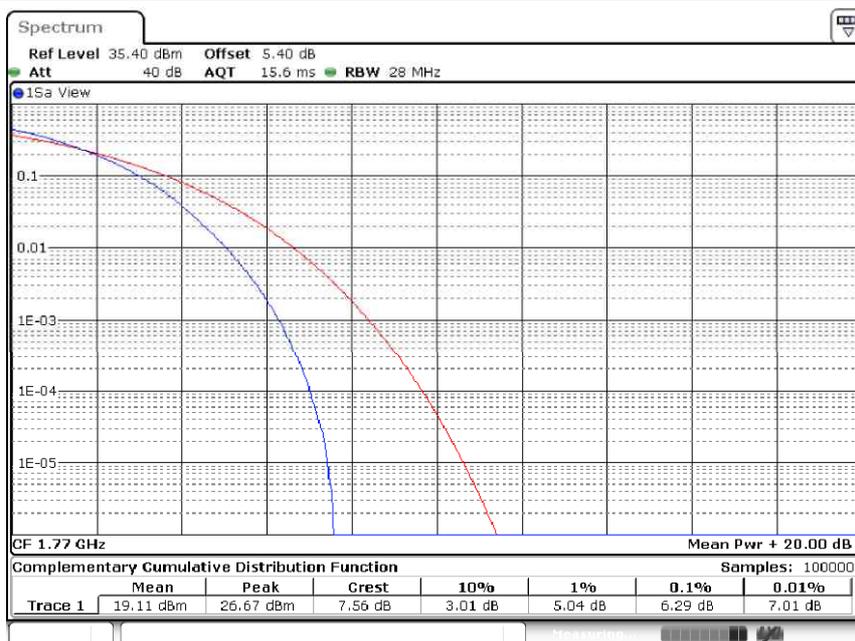
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

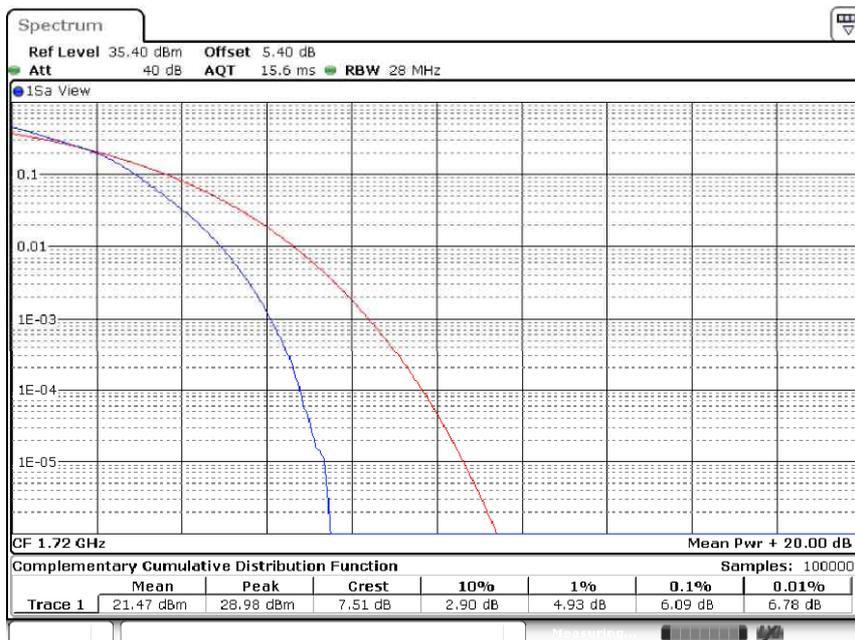


Band66-20MHz-64QAM-132572-100RB#0



Date: 24 JUN 2020 10:52:40

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



Date: 23 JUN 2020 14:16:10

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

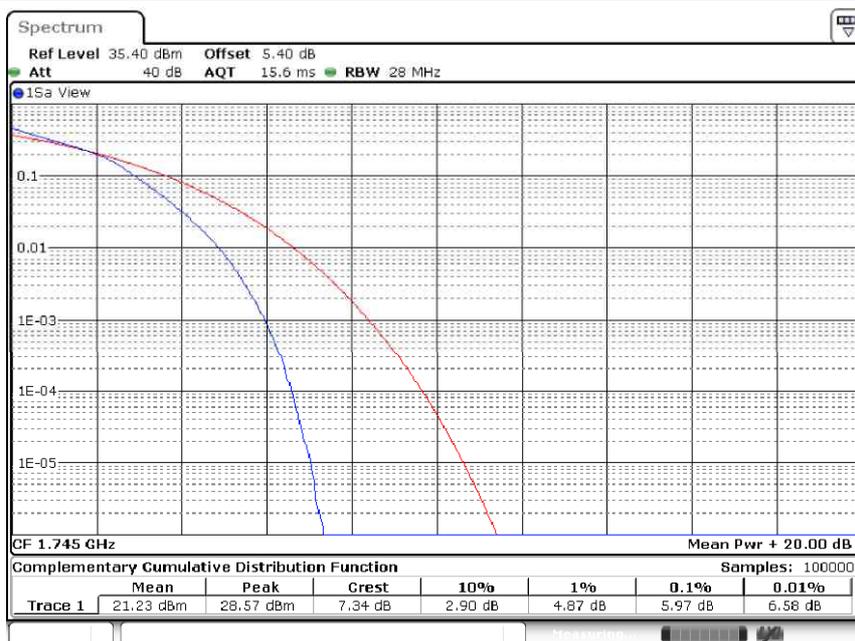
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:16:33

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



Date: 23 JUN 2020 14:16:55

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

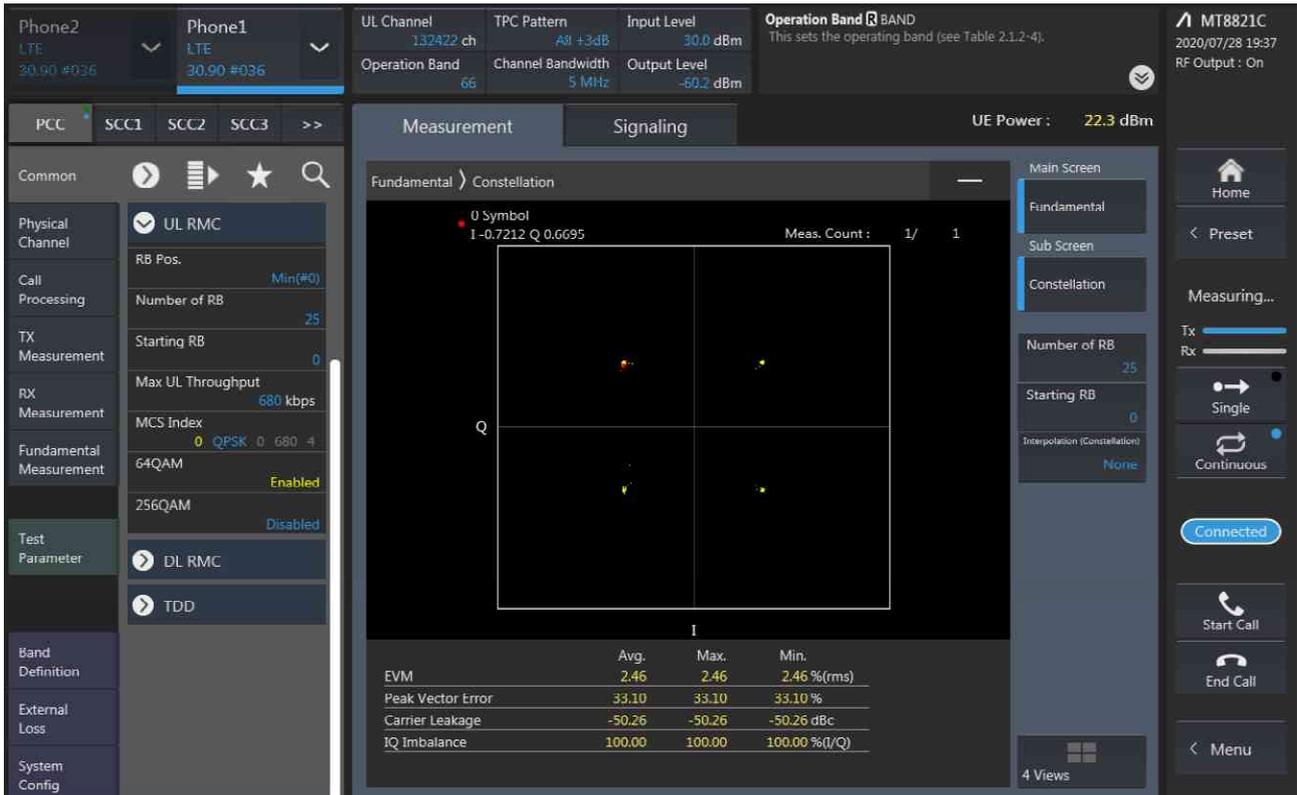
中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

3.1.1. Test Channel = MCH



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

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

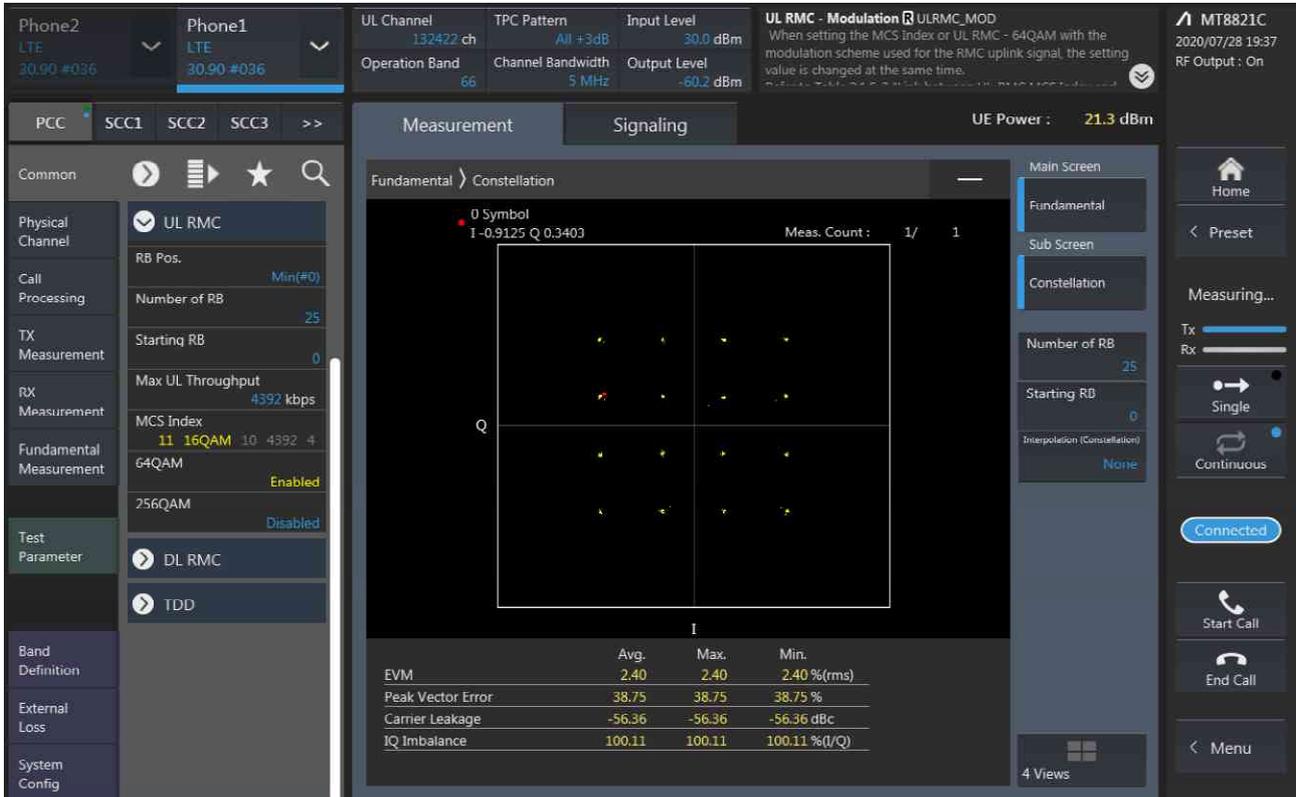
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

3.2. Test Mode = LTE /TM2 20MHz

3.2.1. Test Channel = MCH



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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

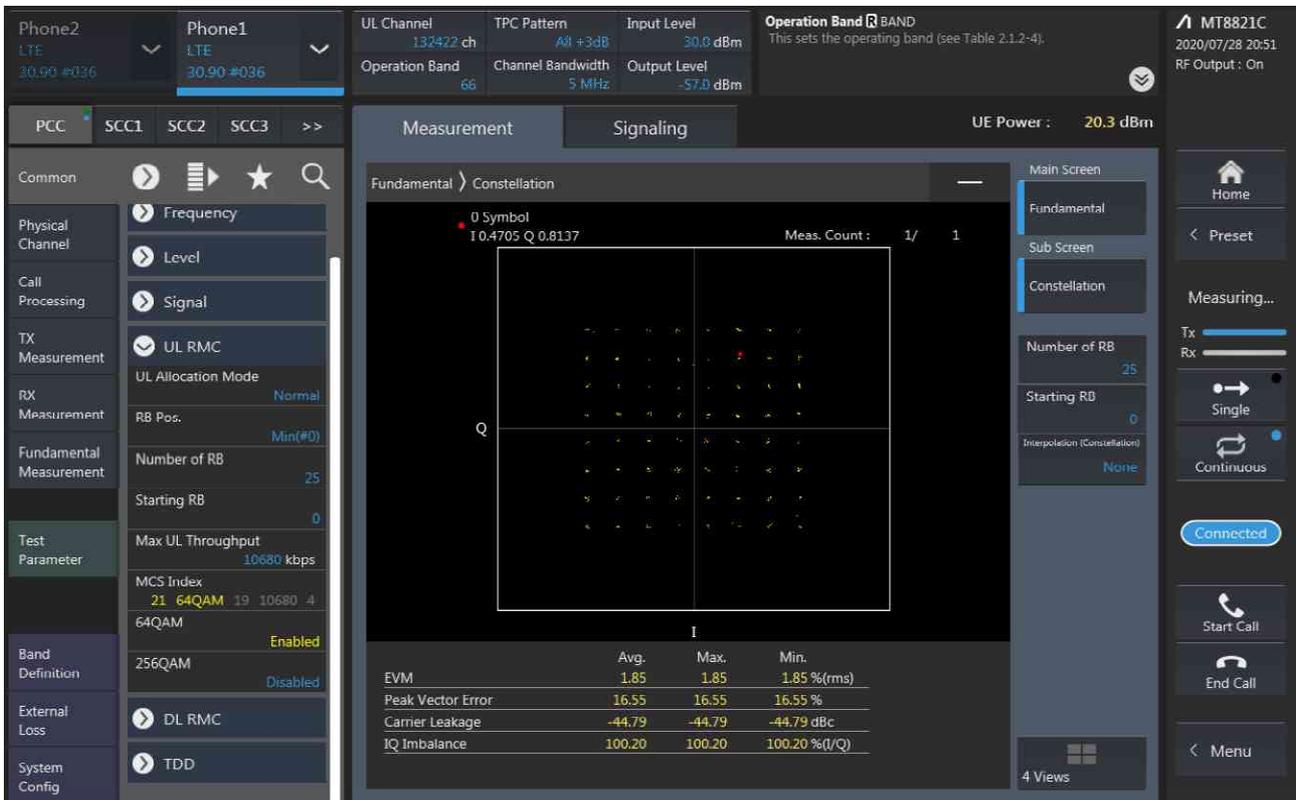
中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 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	1.088	1.284	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.287	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.284	PASS
Band66	1.4MHz	64QAM	131979	6RB#0	1.094	1.278	PASS
Band66	1.4MHz	64QAM	132322	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	64QAM	132665	6RB#0	1.094	1.284	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.091	1.287	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.091	1.290	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.091	1.287	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.691	2.928	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.685	2.922	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.691	2.916	PASS
Band66	3MHz	64QAM	131987	15RB#0	2.685	2.910	PASS
Band66	3MHz	64QAM	132322	15RB#0	2.685	2.904	PASS
Band66	3MHz	64QAM	132657	15RB#0	2.685	2.898	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.673	2.898	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.679	2.904	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.673	2.898	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.466	5.070	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.486	5.070	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.476	5.060	PASS
Band66	5MHz	64QAM	131997	25RB#0	4.486	5.030	PASS
Band66	5MHz	64QAM	132322	25RB#0	4.486	5.010	PASS
Band66	5MHz	64QAM	132647	25RB#0	4.476	5.010	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.486	5.070	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.496	5.070	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.496	5.060	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



Band66	10MHz	QPSK	132022	50RB#0	8.951	10.220	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.931	9.920	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.951	9.900	PASS
Band66	10MHz	64QAM	132022	50RB#0	8.931	9.840	PASS
Band66	10MHz	64QAM	132322	50RB#0	8.951	10.180	PASS
Band66	10MHz	64QAM	132622	50RB#0	8.951	9.820	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.951	9.940	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.951	9.920	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.951	9.960	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.487	15.000	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.487	15.420	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.487	15.090	PASS
Band66	15MHz	64QAM	132047	75RB#0	13.457	15.210	PASS
Band66	15MHz	64QAM	132322	75RB#0	13.487	15.210	PASS
Band66	15MHz	64QAM	132597	75RB#0	13.457	15.240	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.457	15.060	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.487	15.120	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.487	15.090	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.902	19.680	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.902	19.840	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.902	19.720	PASS
Band66	20MHz	64QAM	132072	100RB#0	17.902	19.640	PASS
Band66	20MHz	64QAM	132322	100RB#0	17.902	19.760	PASS
Band66	20MHz	64QAM	132572	100RB#0	17.902	19.520	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.902	19.680	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.942	19.760	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.902	19.760	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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

710086

www.sgs.com.cn

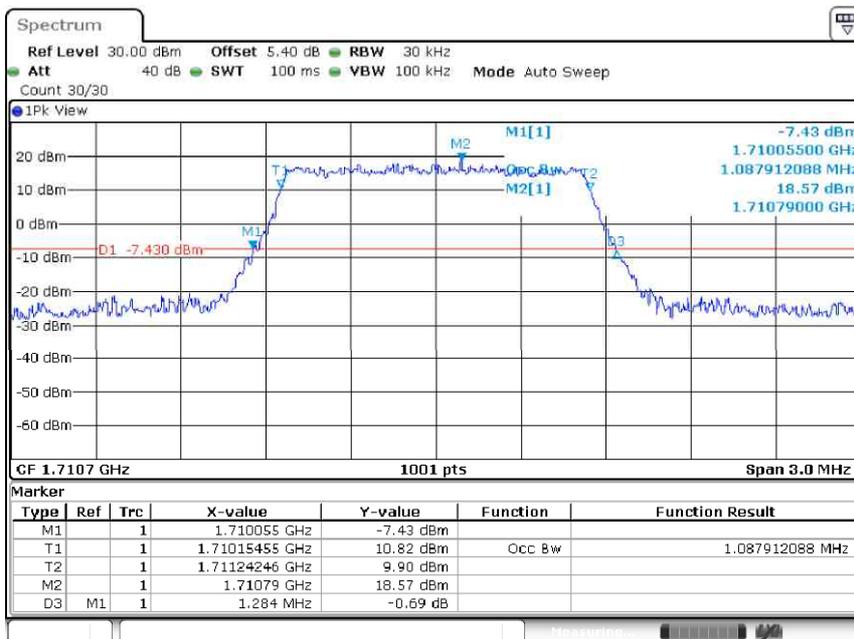
邮编 710086

sgs.china@sgs.com



4.2. Test Plots

Band66-1.4MHz-QPSK-131979-6RB#0-1.088



Date: 23 JUN 2020 13:46:14

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

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

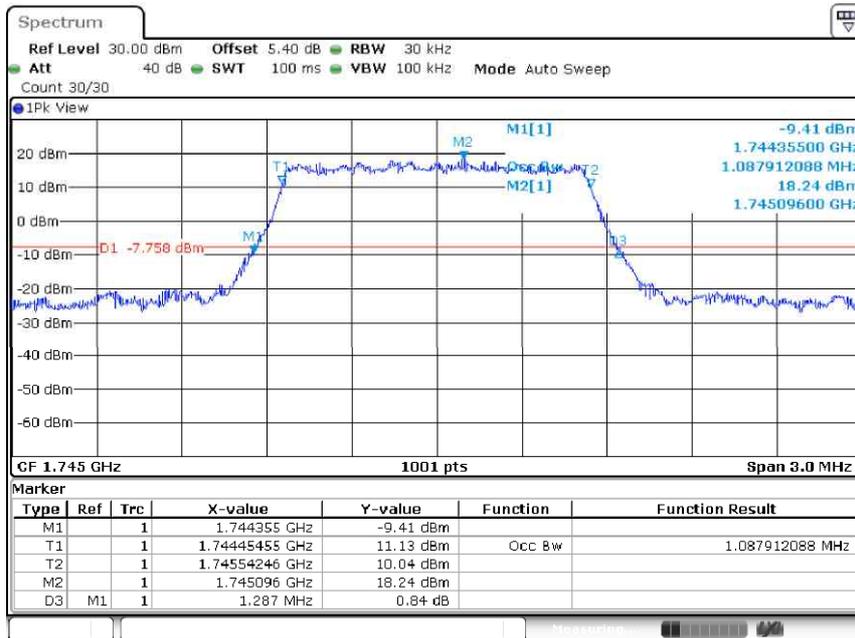
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

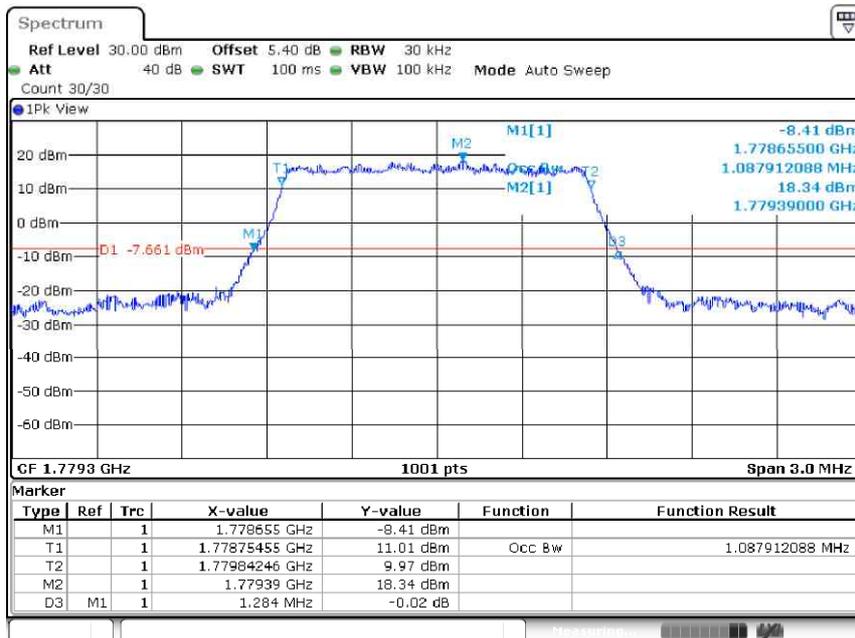


Band66-1.4MHz-QPSK-132322-6RB#0-1.088



Date: 23 JUN 2020 13:46:40

Band66-1.4MHz-QPSK-132665-6RB#0-1.088



Date: 23 JUN 2020 13:47:05

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

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

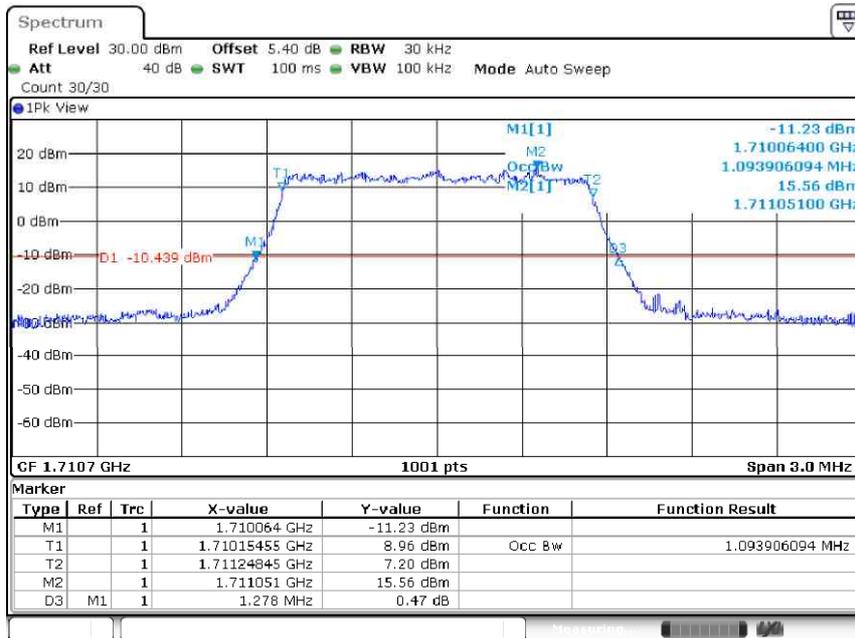
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

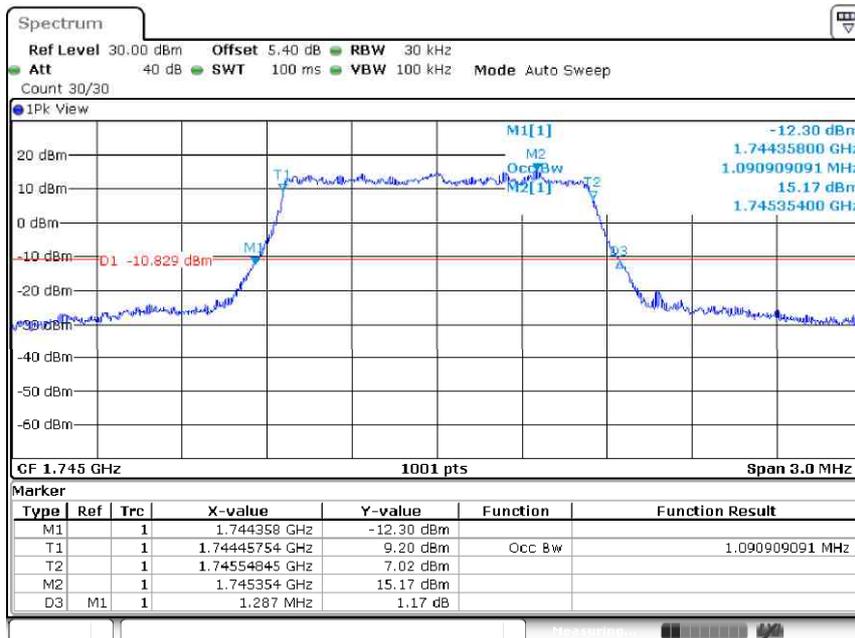


Band66-1.4MHz-64QAM-131979-6RB#0-1.094



Date: 24 JUN 2020 10:36:32

Band66-1.4MHz-64QAM-132322-6RB#0-1.091



Date: 24 JUN 2020 10:36:45

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

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

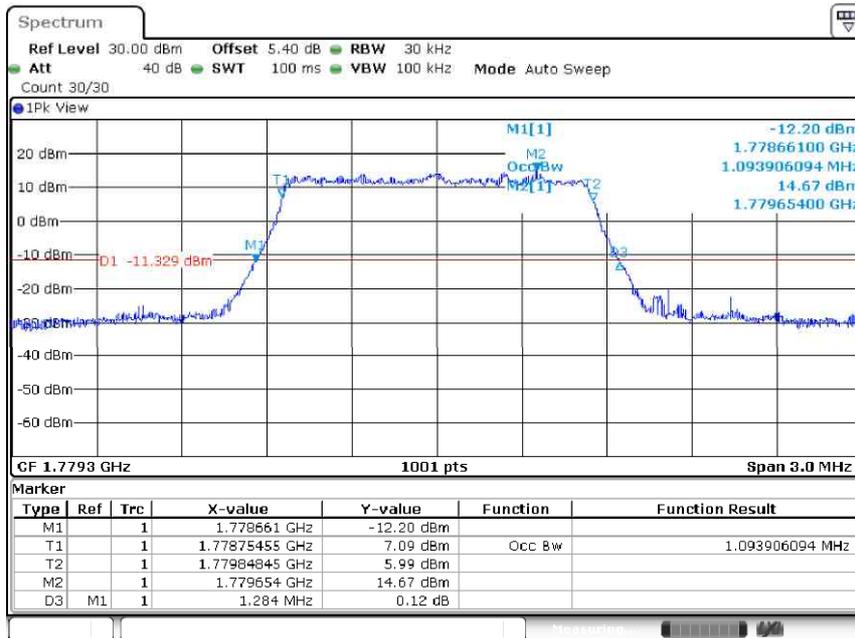
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

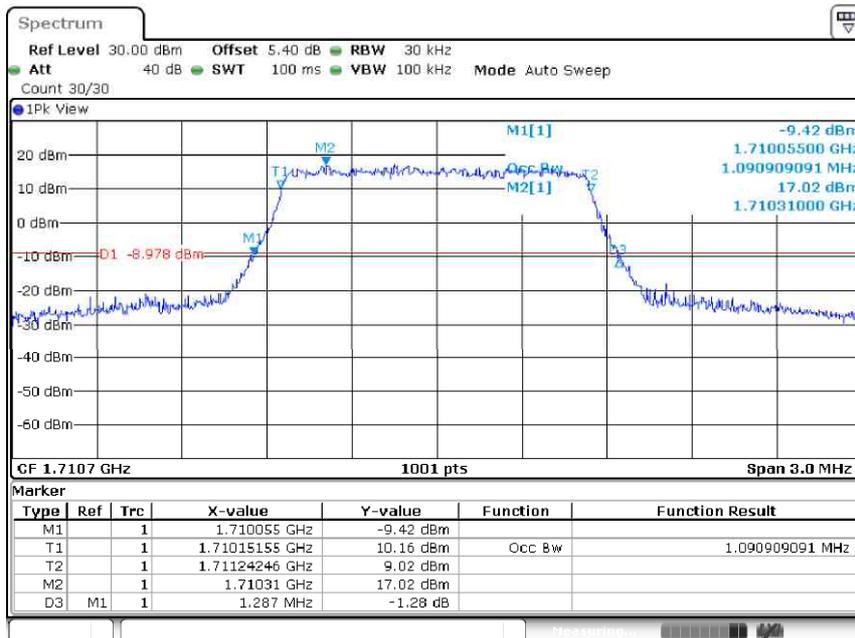


Band66-1.4MHz-64QAM-132665-6RB#0-1.094



Date: 24 JUN 2020 10:36:58

Band66-1.4MHz-16QAM-131979-6RB#0-1.091



Date: 23 JUN 2020 13:46:27

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

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

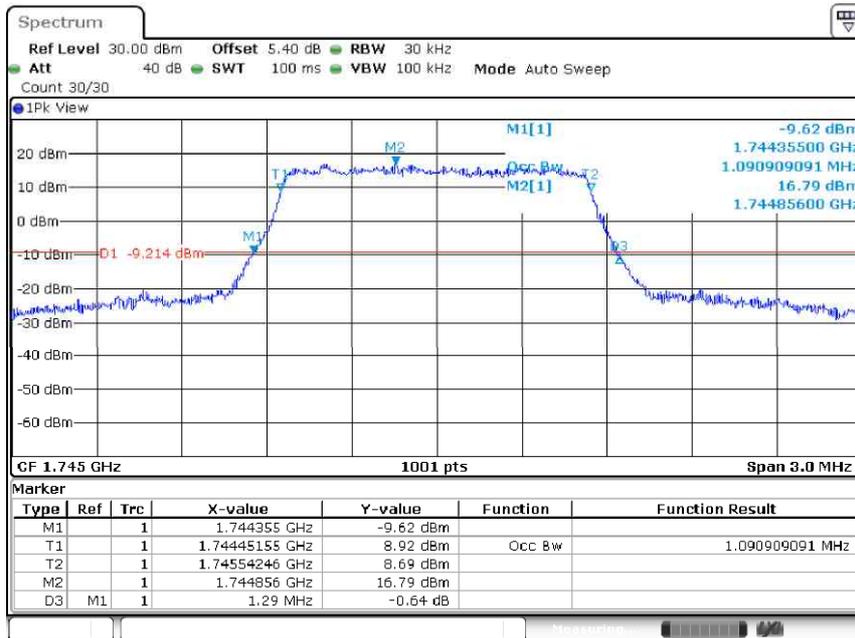
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

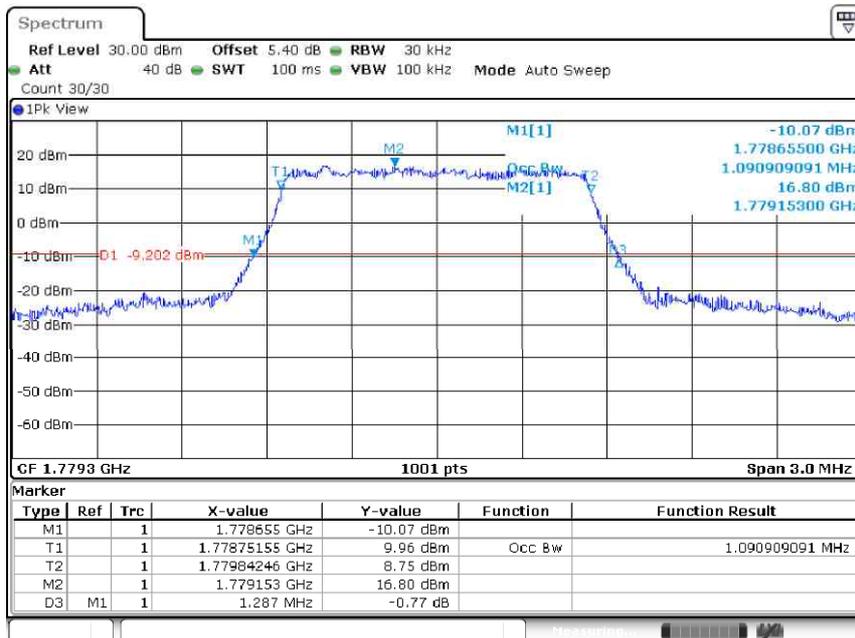


Band66-1.4MHz-16QAM-132322-6RB#0-1.091



Date: 23 JUN 2020 13:46:53

Band66-1.4MHz-16QAM-132665-6RB#0-1.091



Date: 23 JUN 2020 13:47:18

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

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

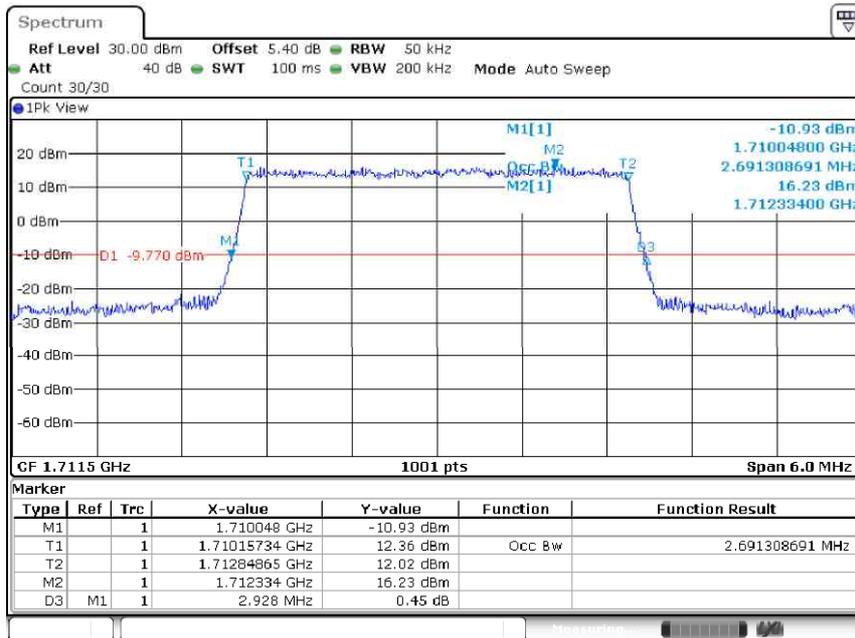
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

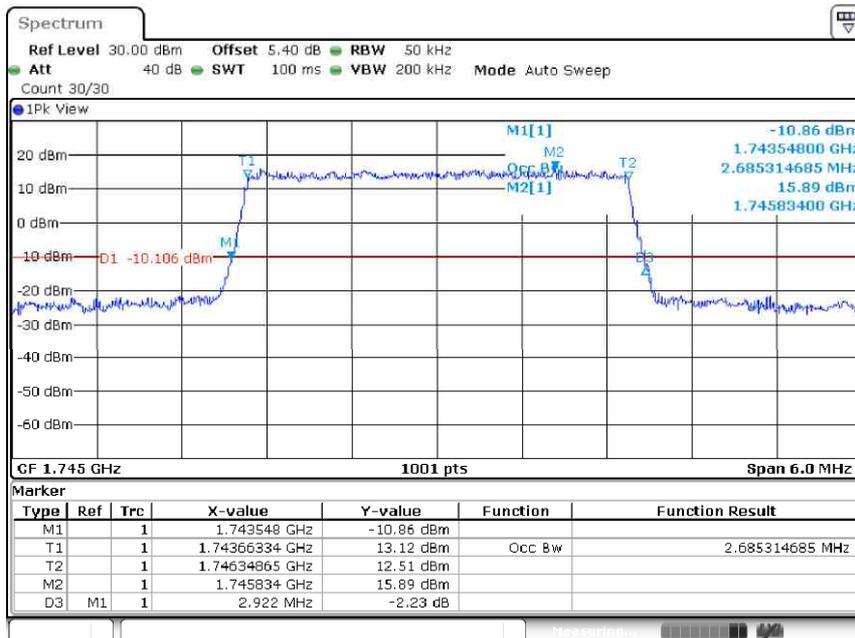


Band66-3MHz-QPSK-131987-15RB#0-2.691



Date: 23 JUN 2020 13:47:36

Band66-3MHz-QPSK-132322-15RB#0-2.685



Date: 23 JUN 2020 13:48:01

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

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

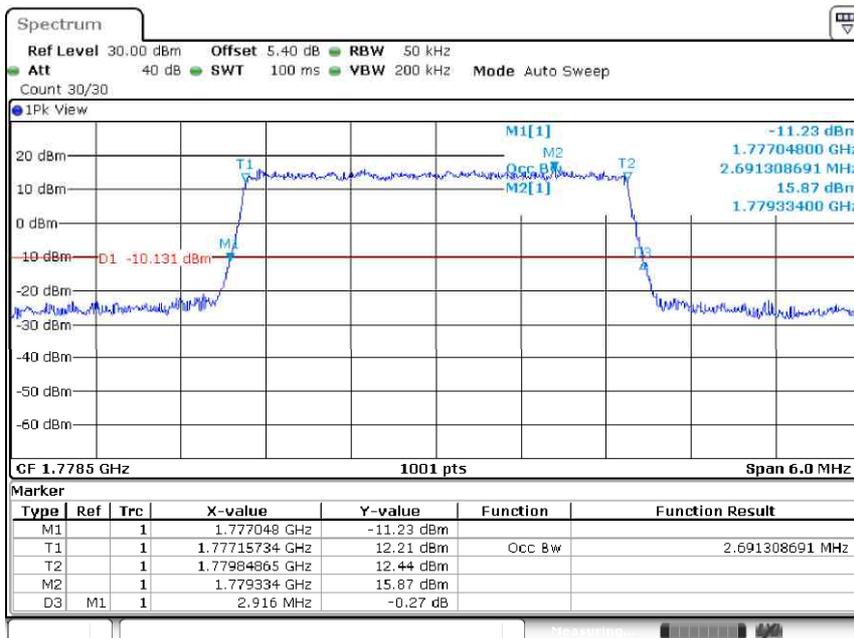
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

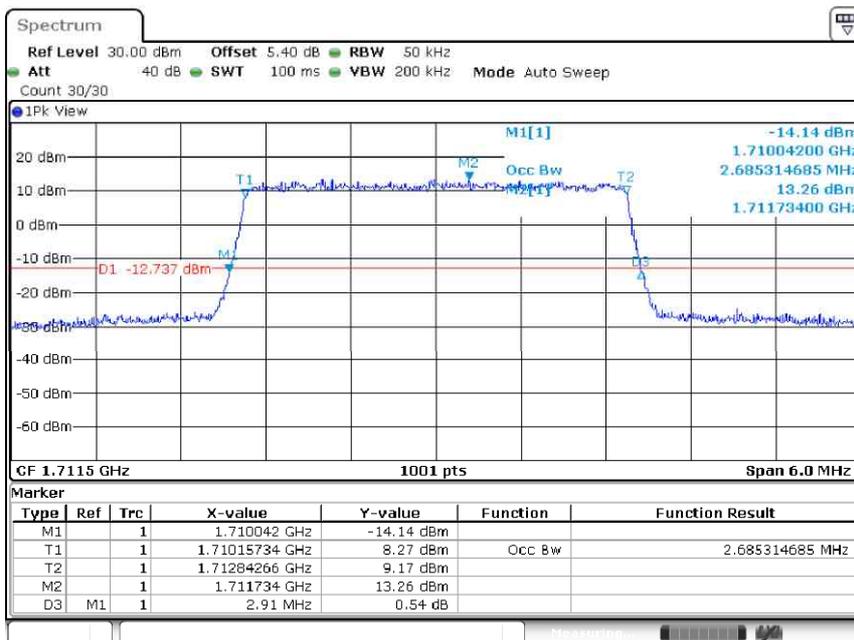


Band66-3MHz-QPSK-132657-15RB#0-2.691



Date: 23 JUN 2020 13:48:27

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



Date: 24 JUN 2020 10:37:16

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

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

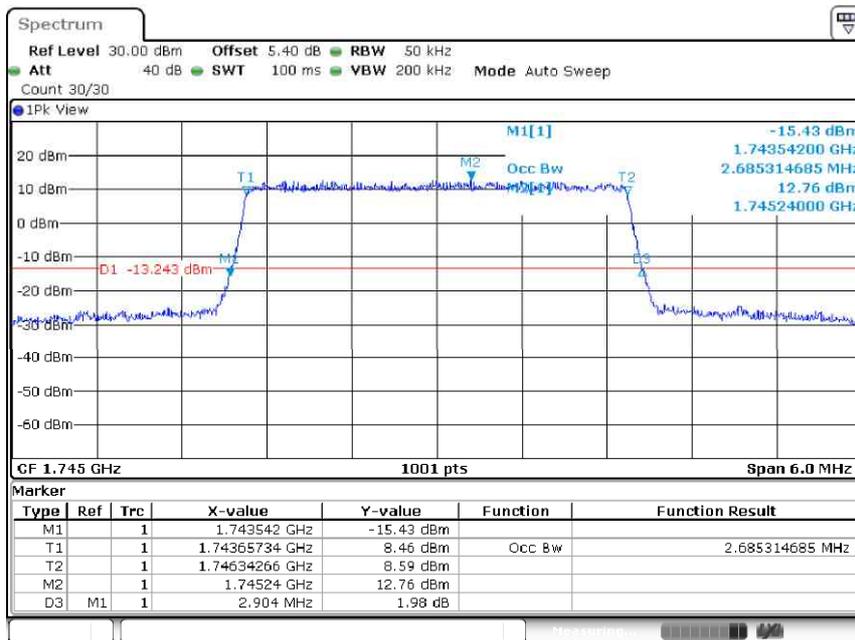
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

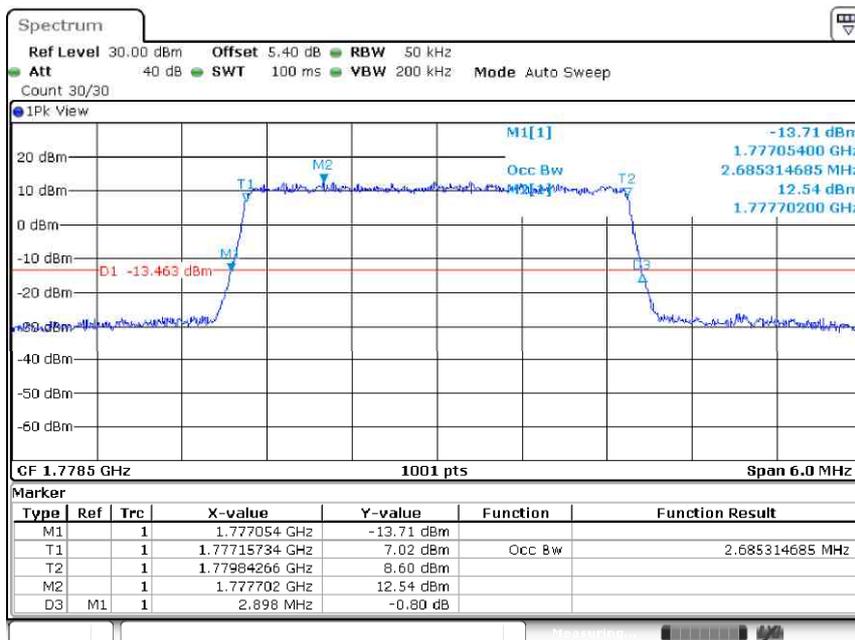


Band66-3MHz-64QAM-132322-15RB#0-2.685



Date: 24 JUN 2020 10:37:29

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



Date: 24 JUN 2020 10:37:42

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

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

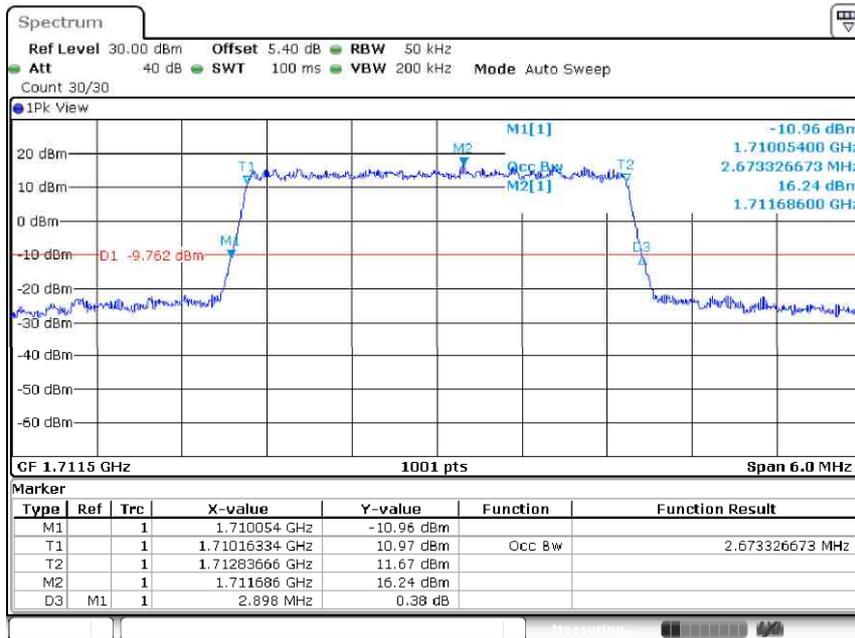
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

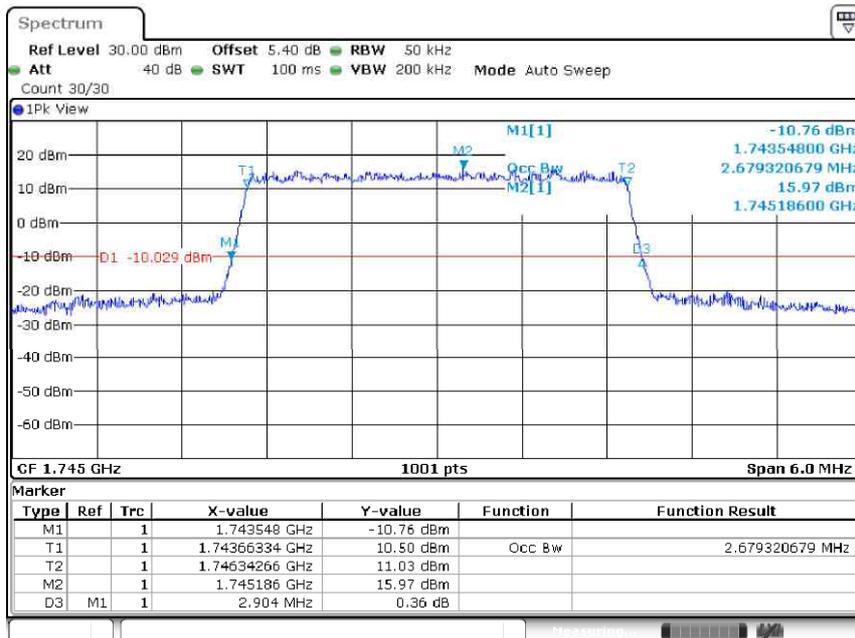


Band66-3MHz-16QAM-131987-15RB#0-2.673



Date: 23 JUN 2020 13:47:48

Band66-3MHz-16QAM-132322-15RB#0-2.679



Date: 23 JUN 2020 13:48:14

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

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

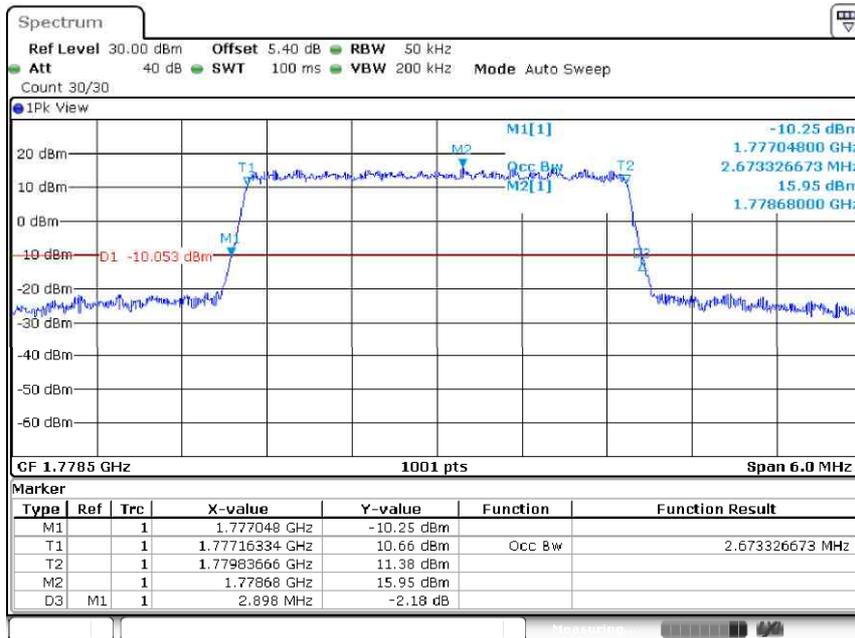
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

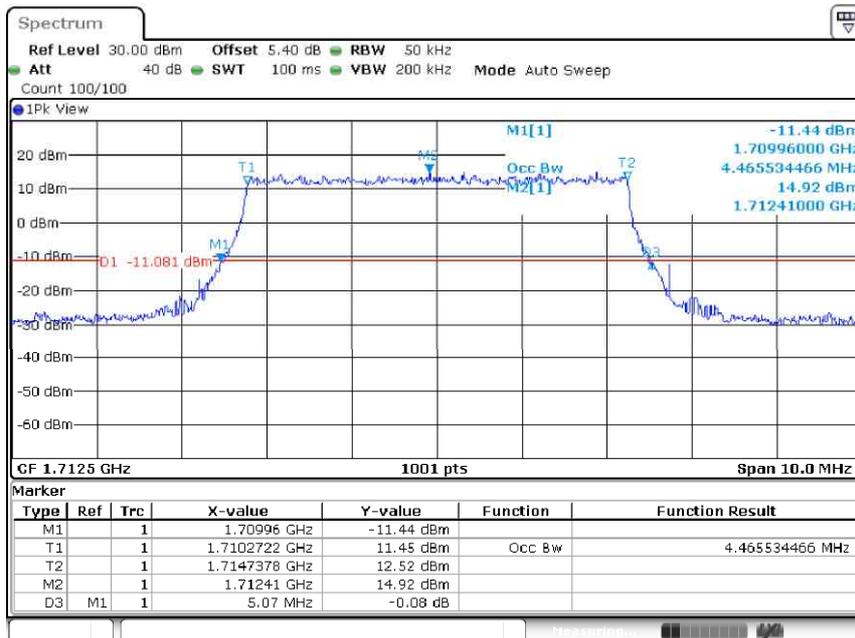


Band66-3MHz-16QAM-132657-15RB#0-2.673



Date: 23 JUN 2020 13:48:40

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



Date: 23 JUN 2020 13:49:04

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

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

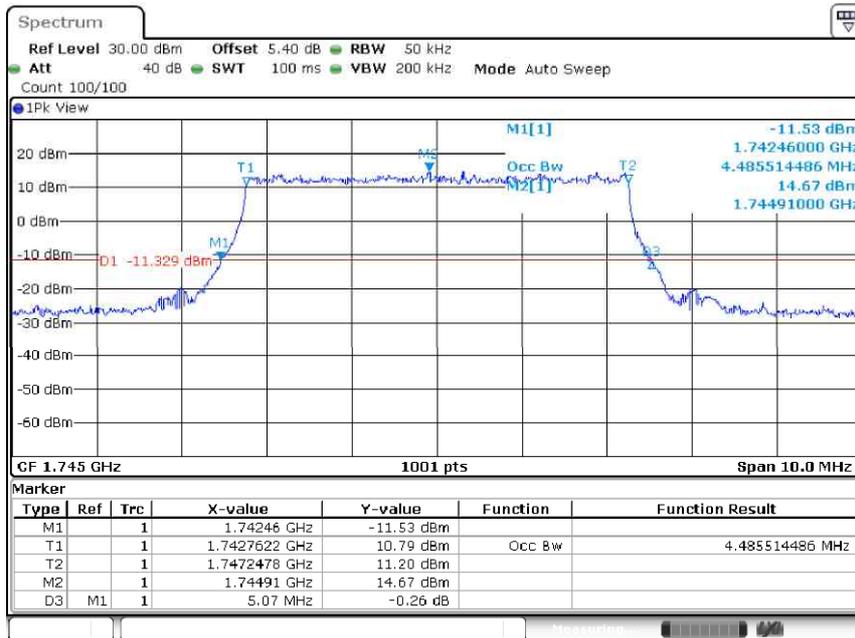
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

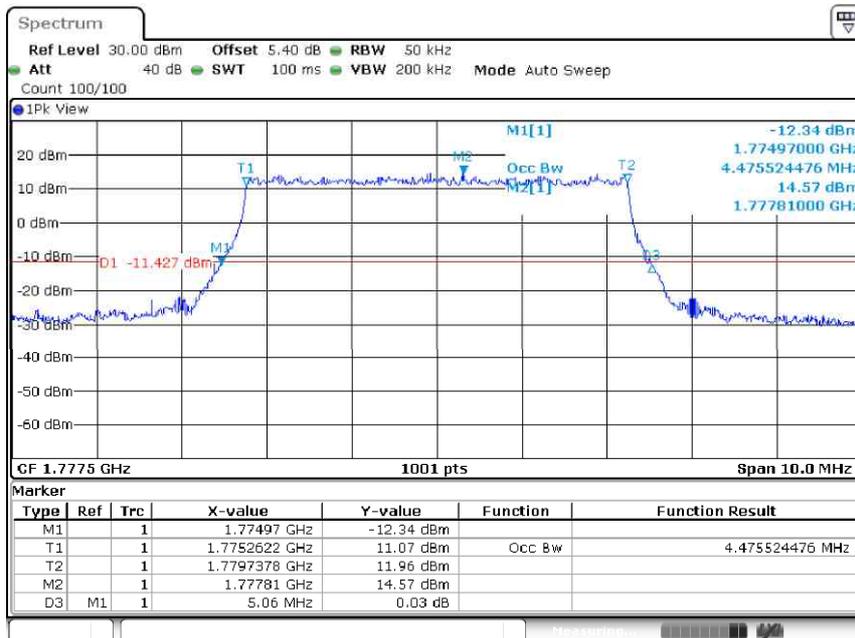


Band66-5MHz-QPSK-132322-25RB#0-4.486



Date: 23 JUN 2020 13:49:44

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



Date: 23 JUN 2020 13:50:23

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

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

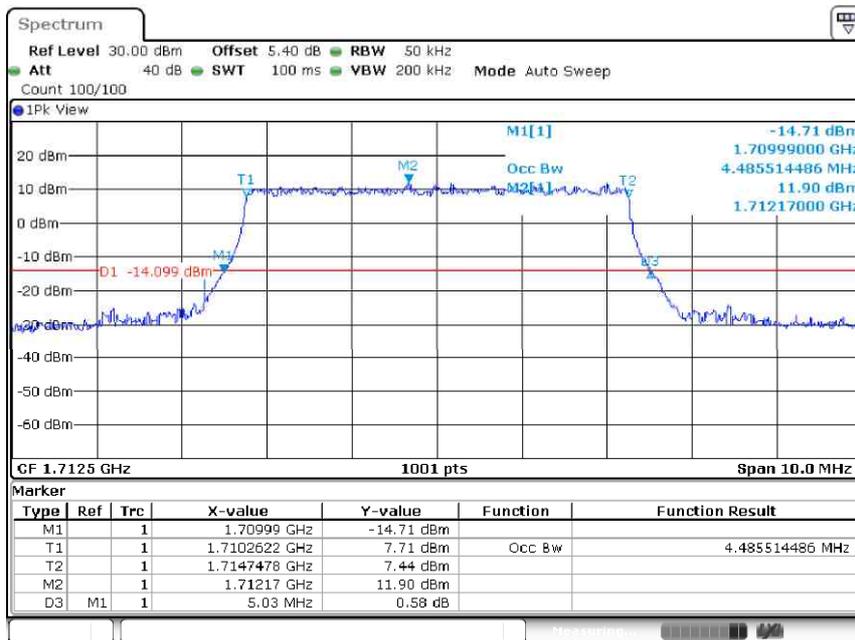
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

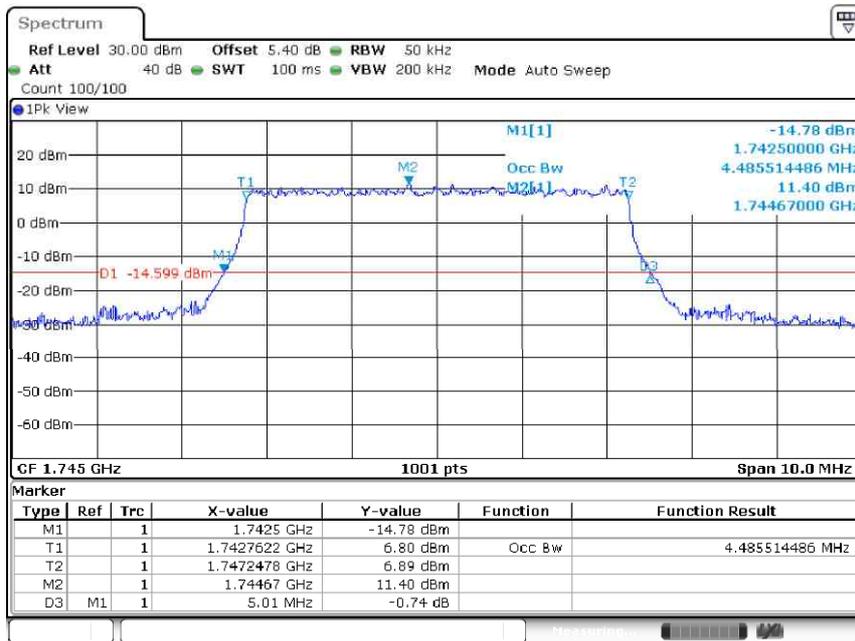
邮编 710086 sgs.china@sgs.com



Band66-5MHz-64QAM-131997-25RB#0-4.486



Band66-5MHz-64QAM-132322-25RB#0-4.486



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

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

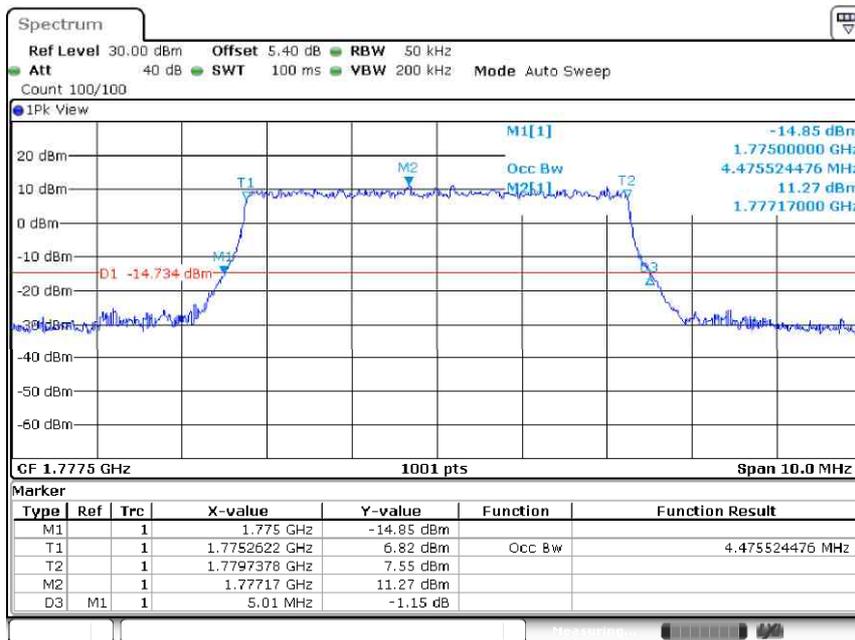
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

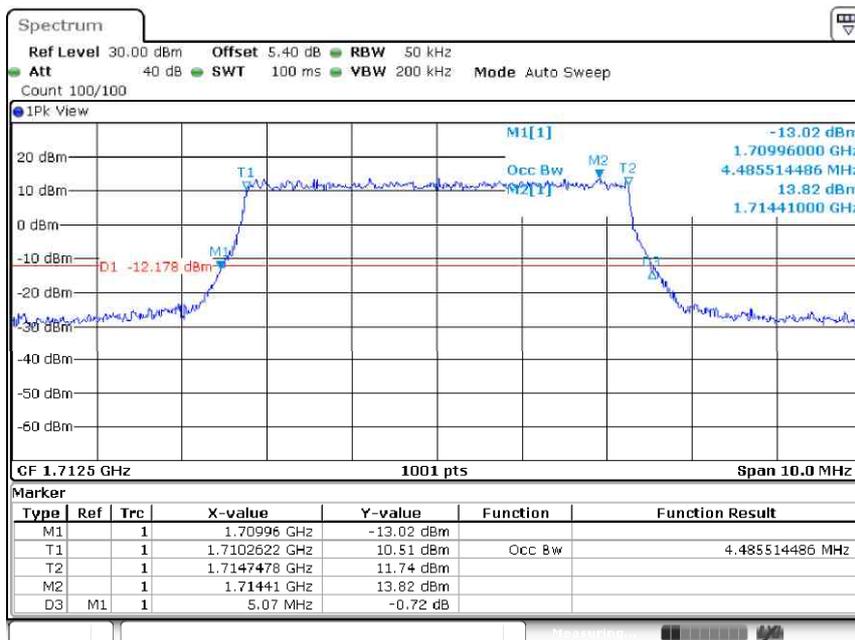
邮编 710086 sgs.china@sgs.com



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



Band66-5MHz-16QAM-131997-25RB#0-4.486



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

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

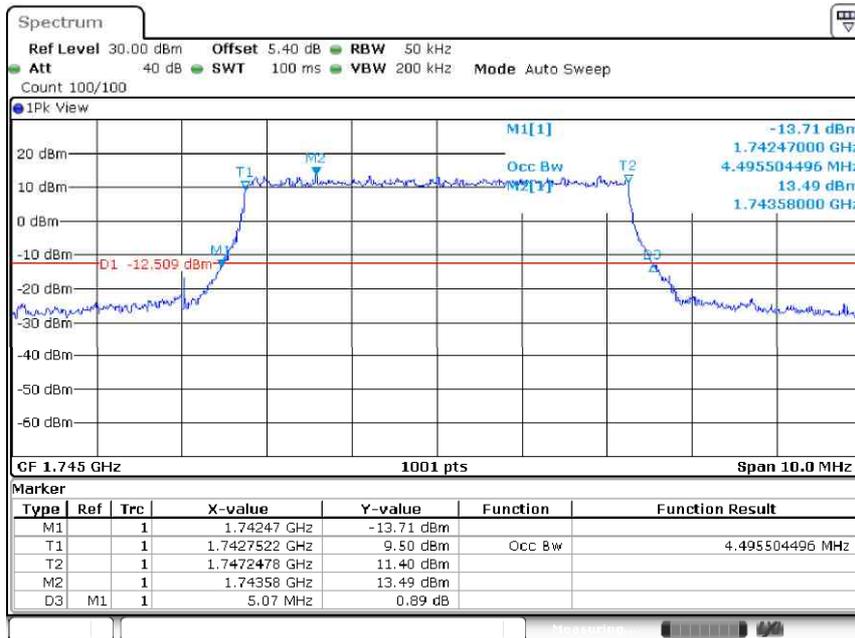
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

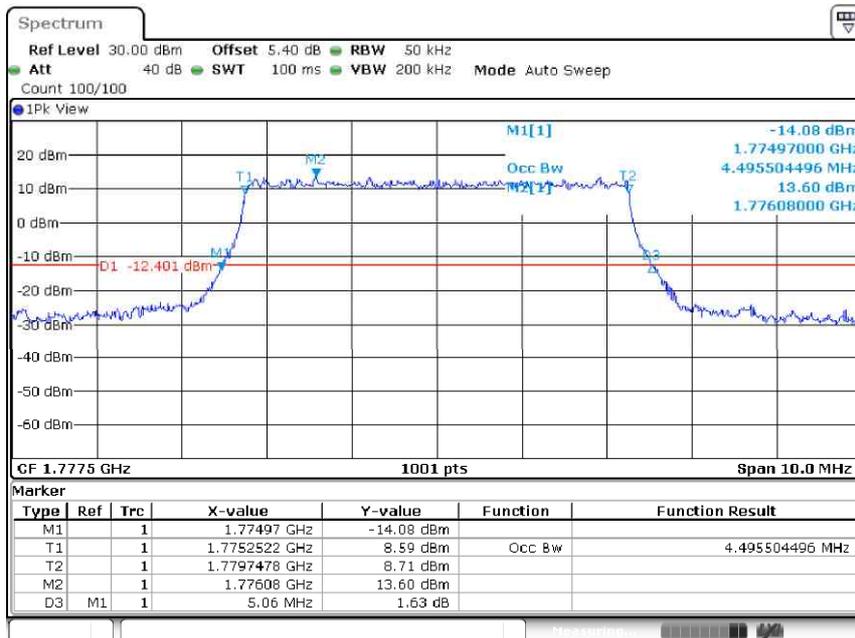


Band66-5MHz-16QAM-132322-25RB#0-4.496



Date: 23 JUN 2020 13:50:03

Band66-5MHz-16QAM-132647-25RB#0-4.496



Date: 23 JUN 2020 13:50:43

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

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

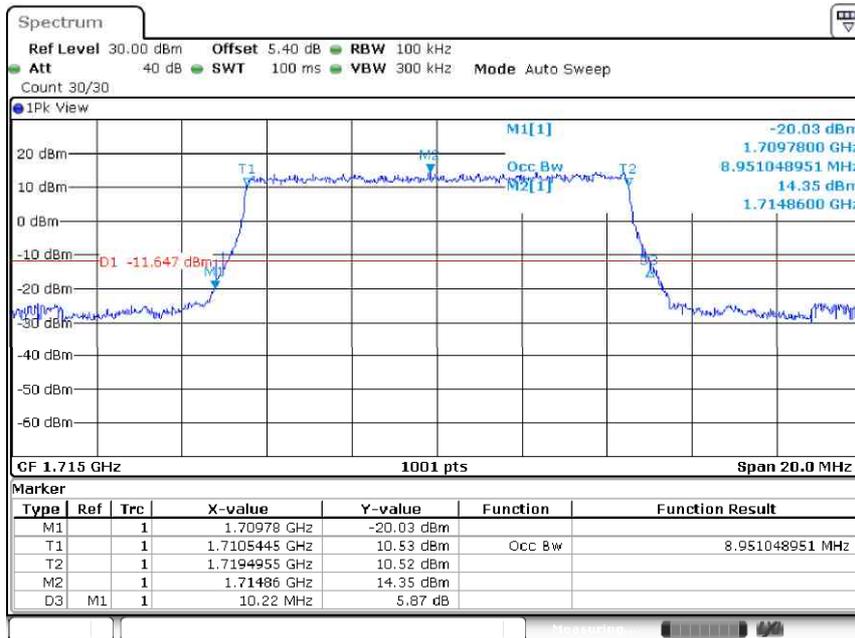
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

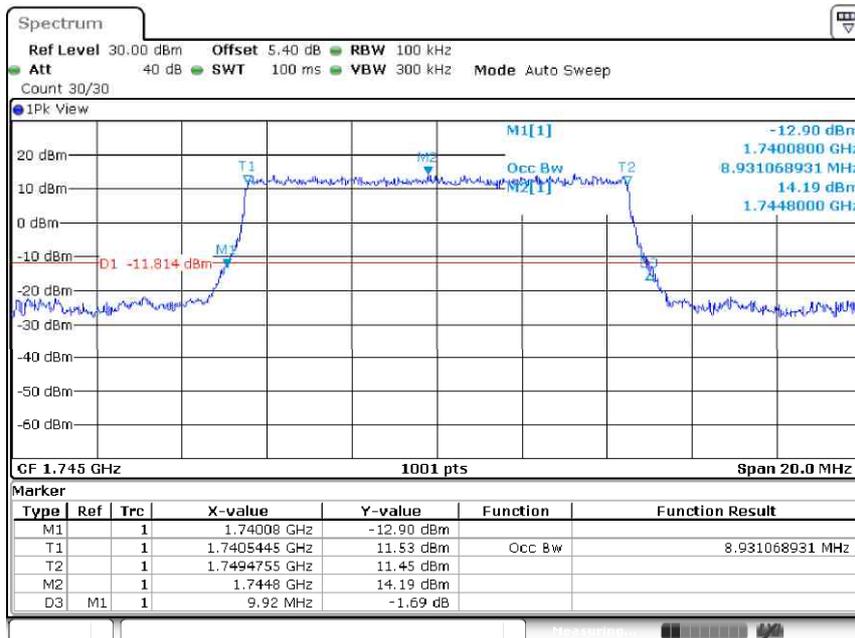


Band66-10MHz-QPSK-132022-50RB#0-8.951



Date: 23 JUN 2020 13:51:01

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



Date: 23 JUN 2020 13:51:26

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

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

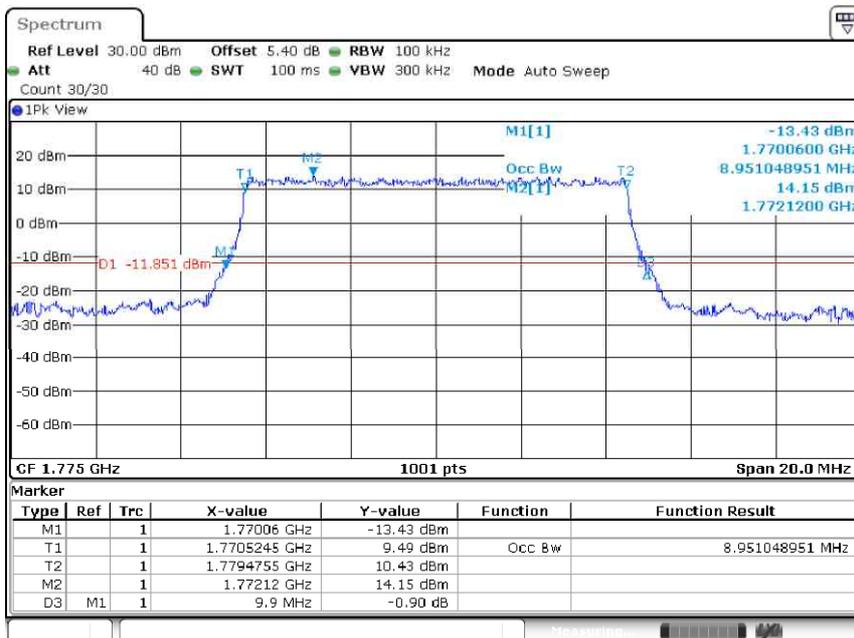
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

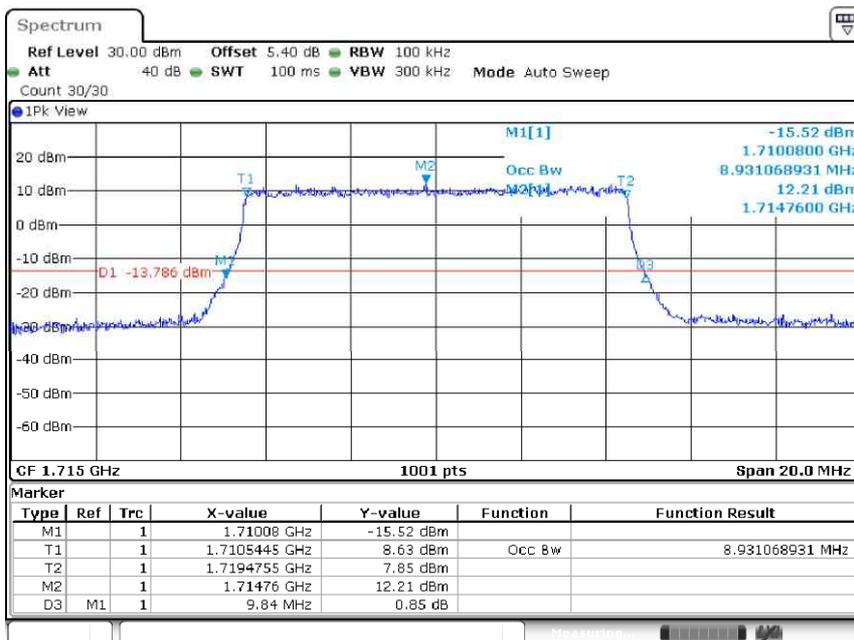


Band66-10MHz-QPSK-132622-50RB#0-8.951



Date: 23 JUN 2020 13:51:52

Band66-10MHz-64QAM-132022-50RB#0-8.931



Date: 24 JUN 2020 10:39:04

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

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

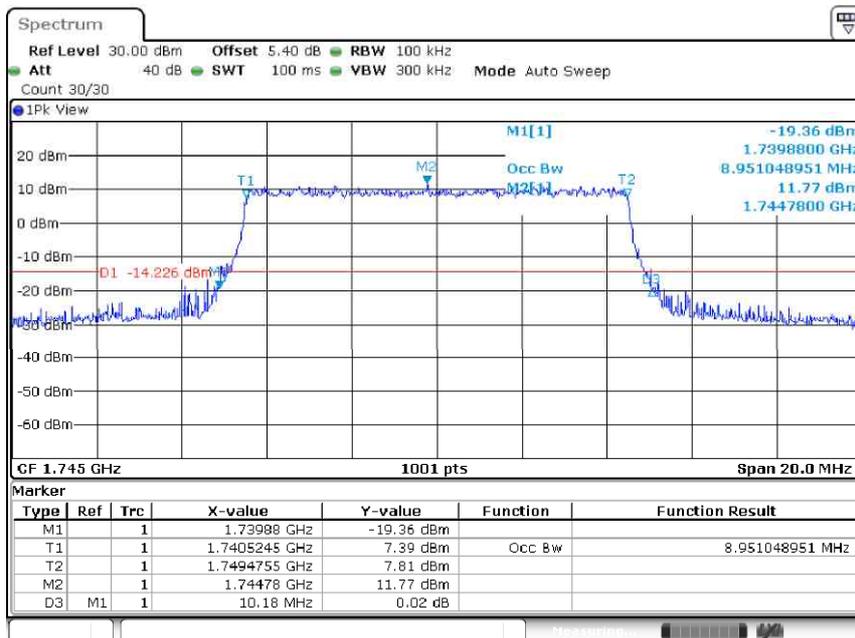
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

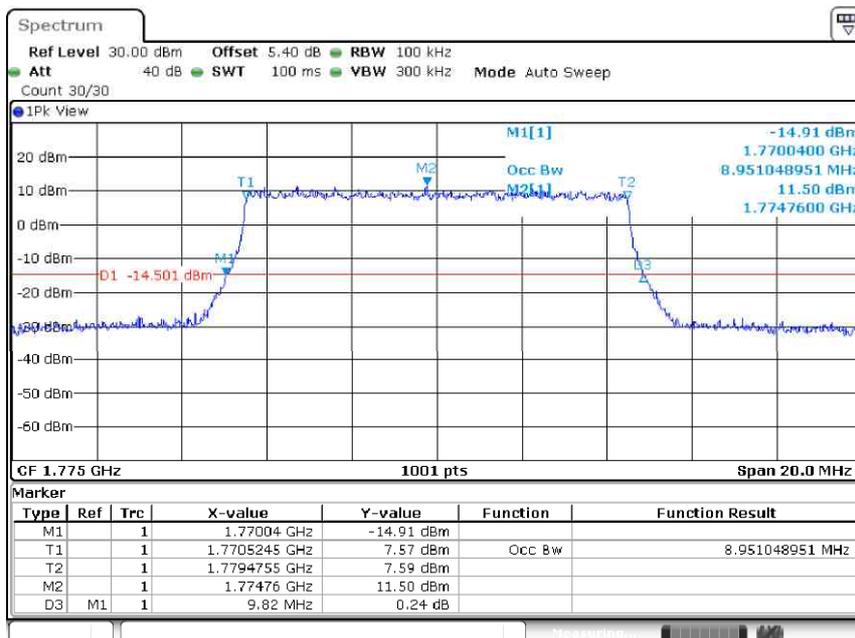


Band66-10MHz-64QAM-132322-50RB#0-8.951



Date: 24 JUN 2020 10:39:17

Band66-10MHz-64QAM-132622-50RB#0-8.951



Date: 24 JUN 2020 10:39:30

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

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

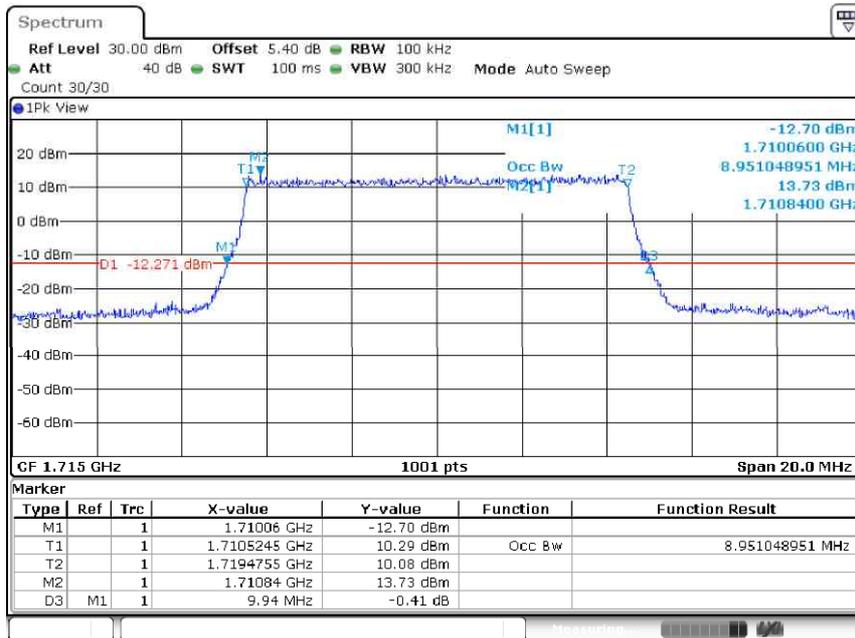
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

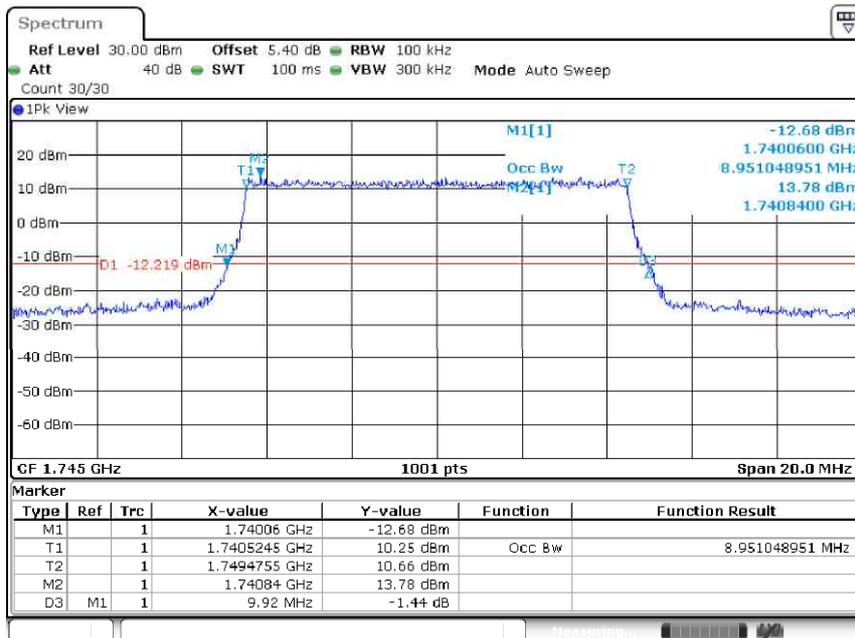


Band66-10MHz-16QAM-132022-50RB#0-8.951



Date: 23 JUN 2020 13:51:13

Band66-10MHz-16QAM-132322-50RB#0-8.951



Date: 23 JUN 2020 13:51:39

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

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

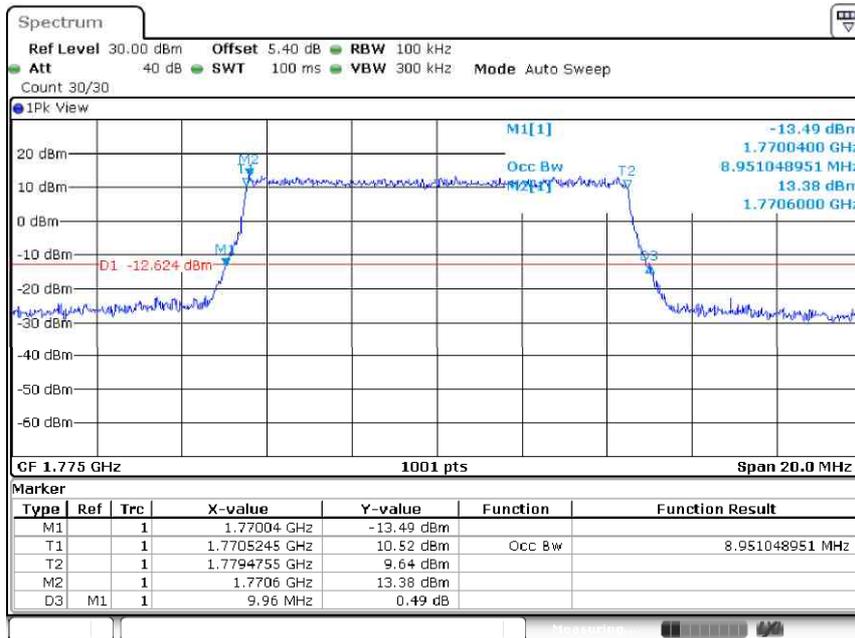
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

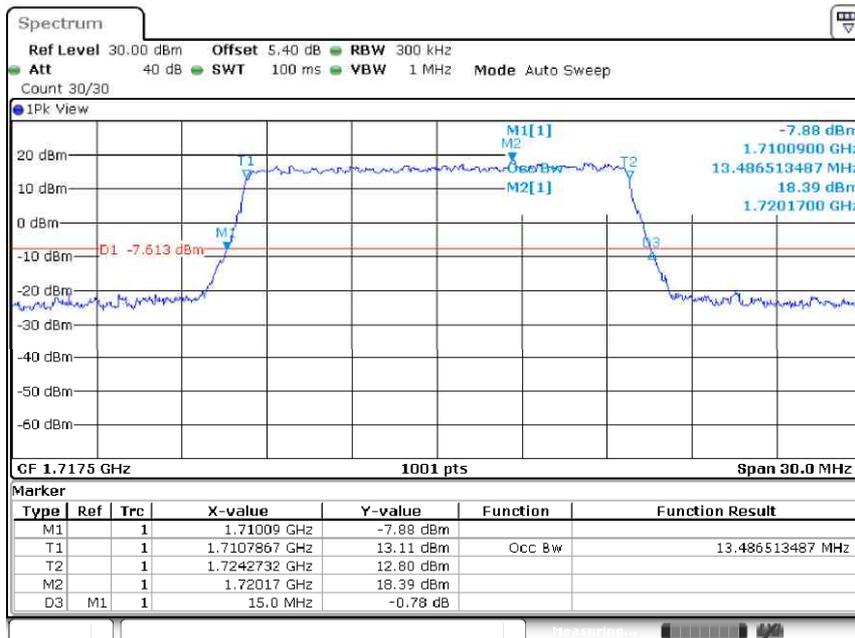


Band66-10MHz-16QAM-132622-50RB#0-8.951



Date: 23 JUN 2020 13:52:04

Band66-15MHz-QPSK-132047-75RB#0-13.487



Date: 23 JUN 2020 13:52:22

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

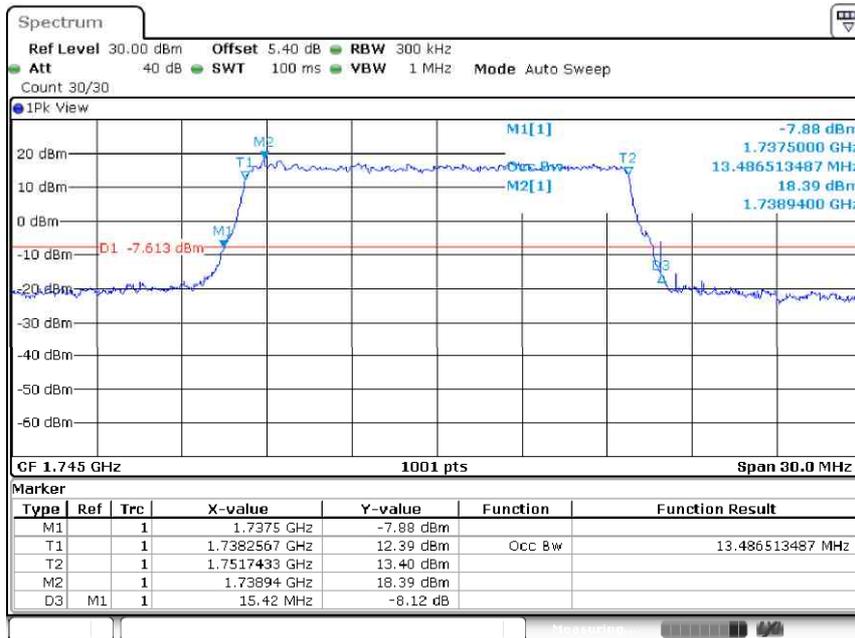
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

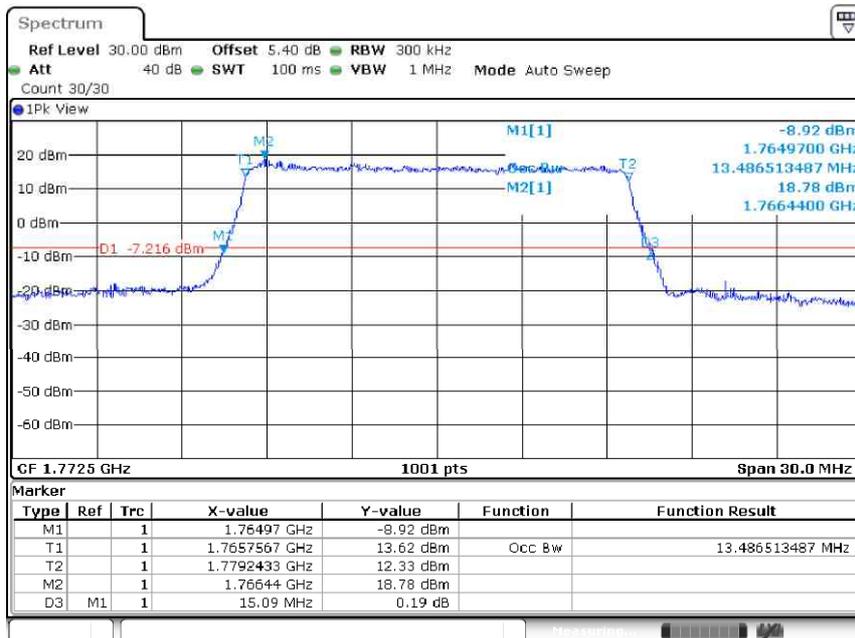


Band66-15MHz-QPSK-132322-75RB#0-13.487



Date: 23 JUN 2020 13:52:48

Band66-15MHz-QPSK-132597-75RB#0-13.487



Date: 23 JUN 2020 13:53:13

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

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

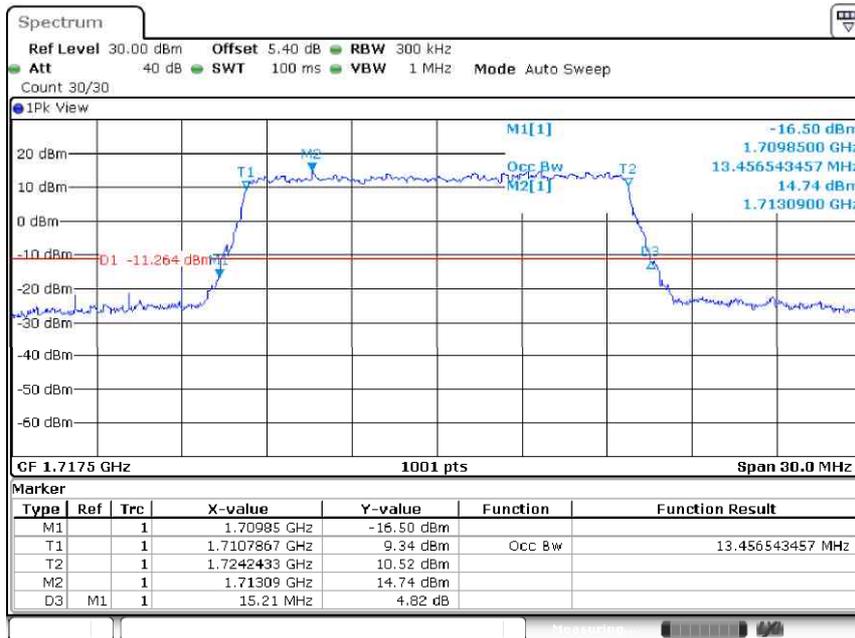
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

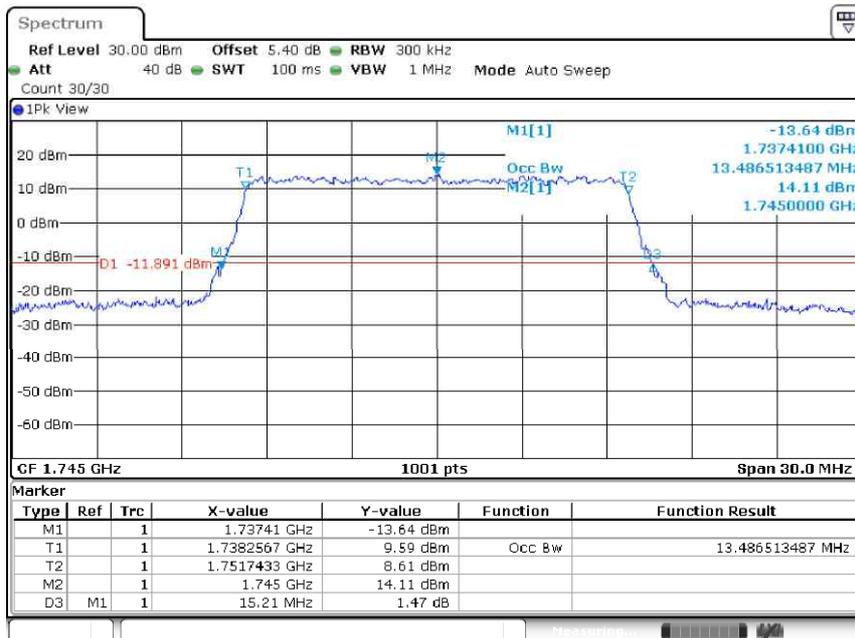


Band66-15MHz-64QAM-132047-75RB#0-13.457



Date: 24 JUN 2020 10:39:48

Band66-15MHz-64QAM-132322-75RB#0-13.487



Date: 24 JUN 2020 10:40:01

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

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

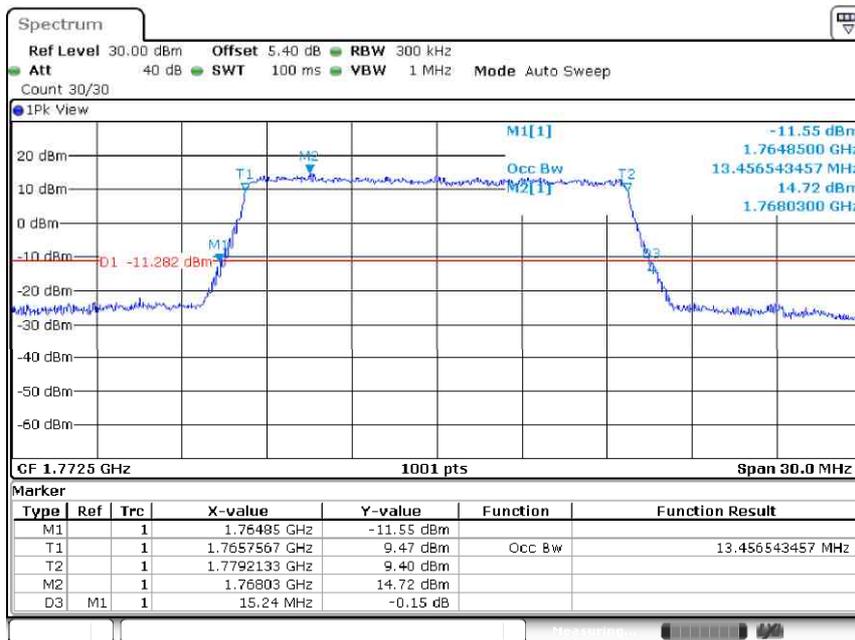
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

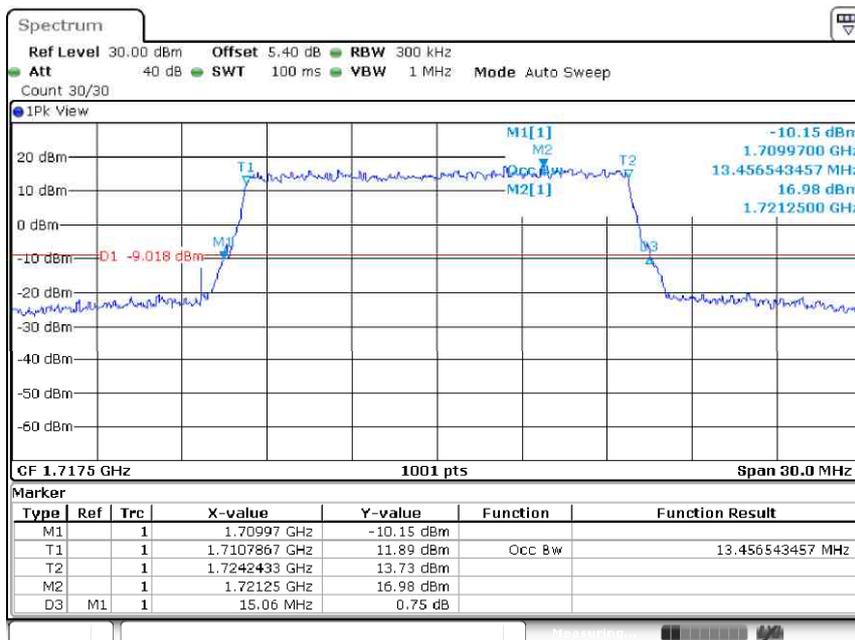


Band66-15MHz-64QAM-132597-75RB#0-13.457



Date: 24 JUN 2020 10:40:14

Band66-15MHz-16QAM-132047-75RB#0-13.457



Date: 23 JUN 2020 13:52:35

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

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

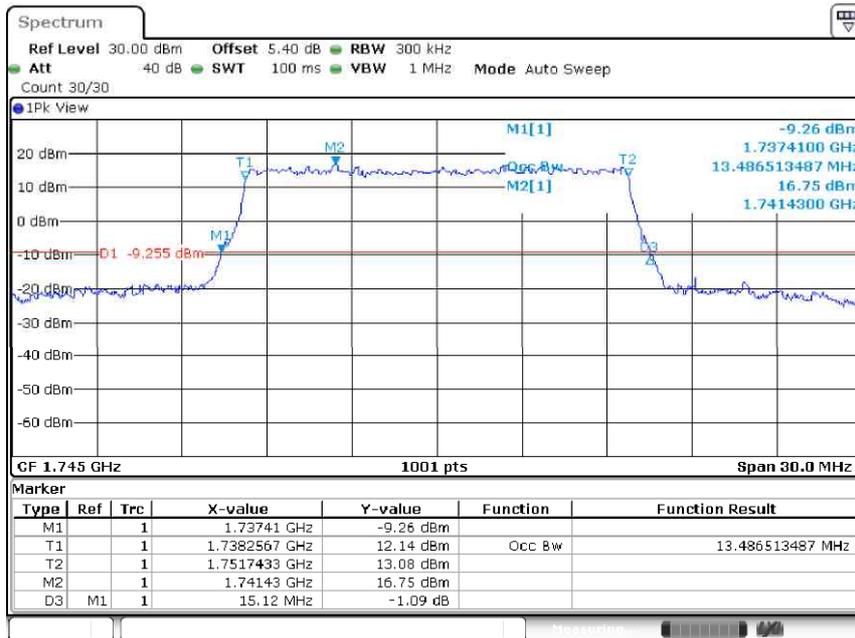
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

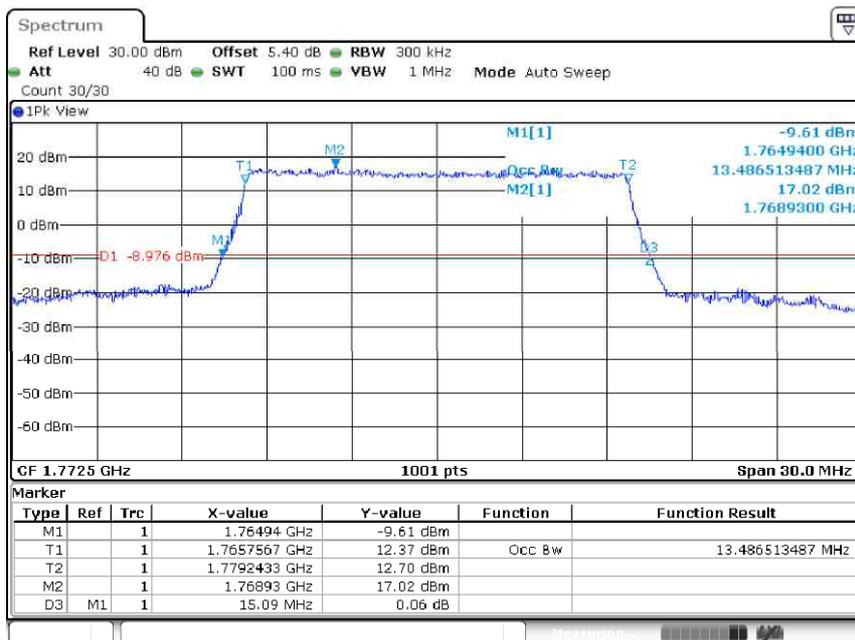


Band66-15MHz-16QAM-132322-75RB#0-13.487



Date: 23 JUN 2020 13:53:00

Band66-15MHz-16QAM-132597-75RB#0-13.487



Date: 23 JUN 2020 13:53:26

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

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

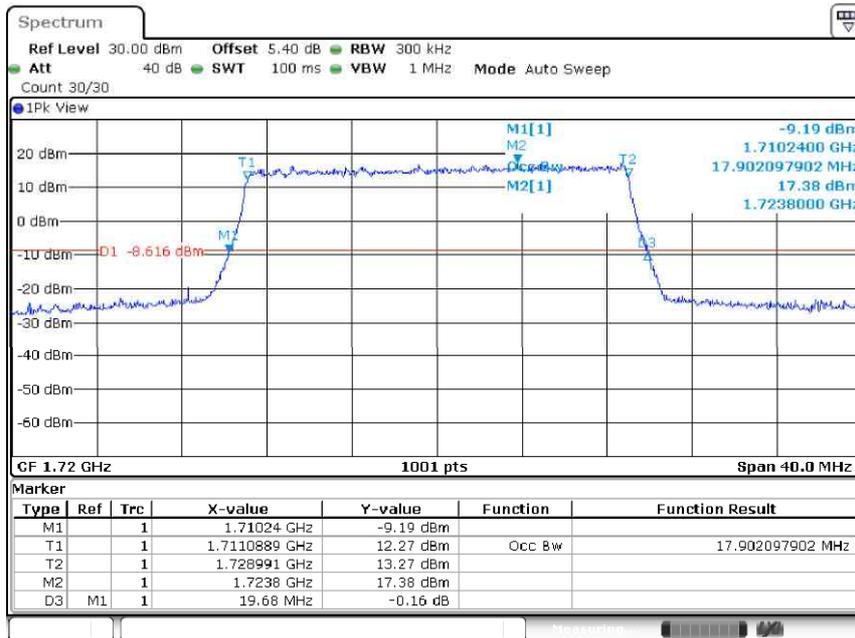
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

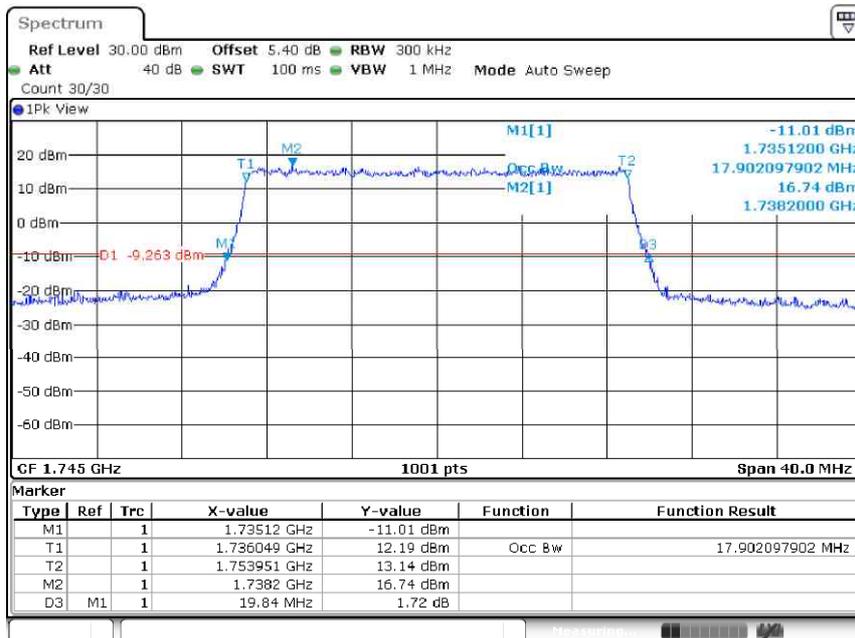


Band66-20MHz-QPSK-132072-100RB#0-17.902



Date: 23 JUN 2020 13:53:43

Band66-20MHz-QPSK-132322-100RB#0-17.902



Date: 23 JUN 2020 13:54:09

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

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

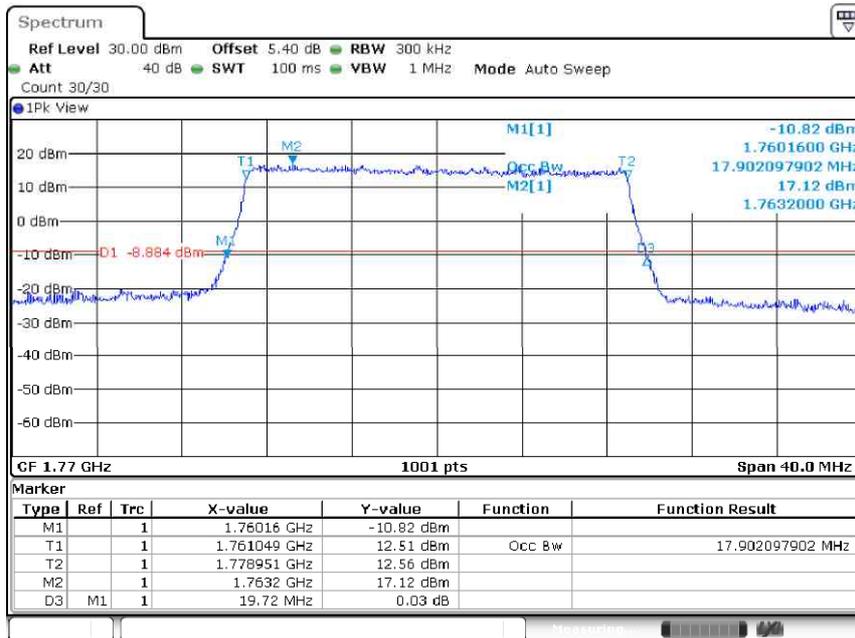
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

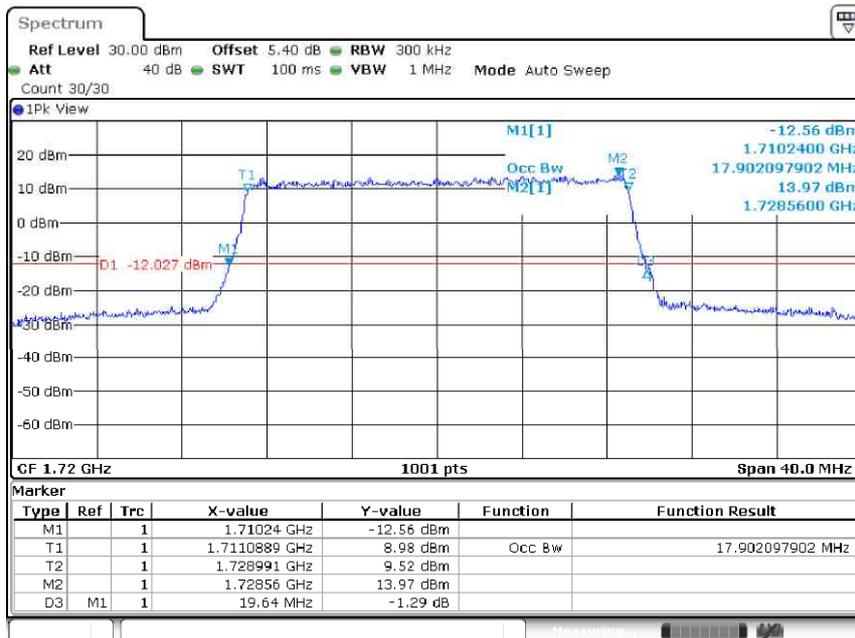


Band66-20MHz-QPSK-132572-100RB#0-17.902



Date: 23 JUN 2020 13:54:35

Band66-20MHz-64QAM-132072-100RB#0-17.902



Date: 24 JUN 2020 10:40:31

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

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

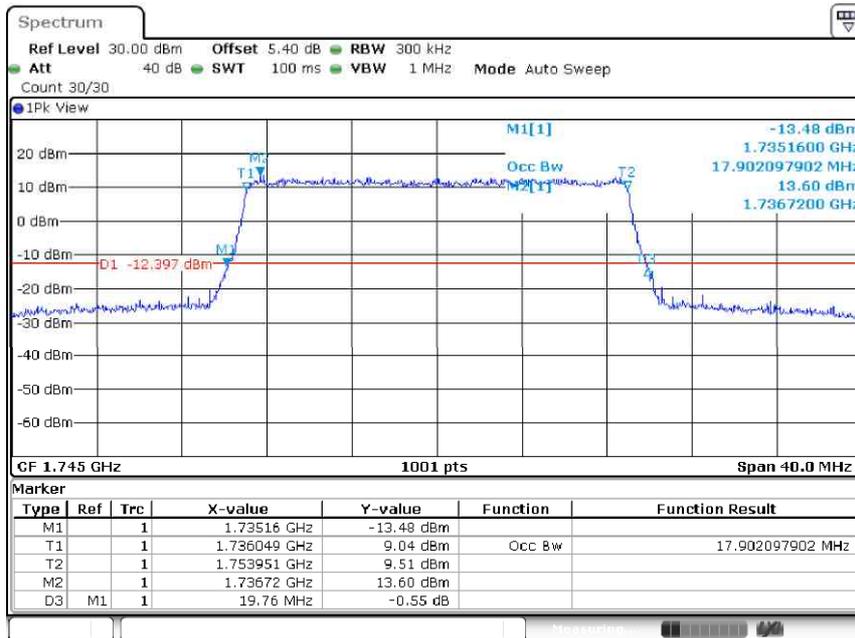
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

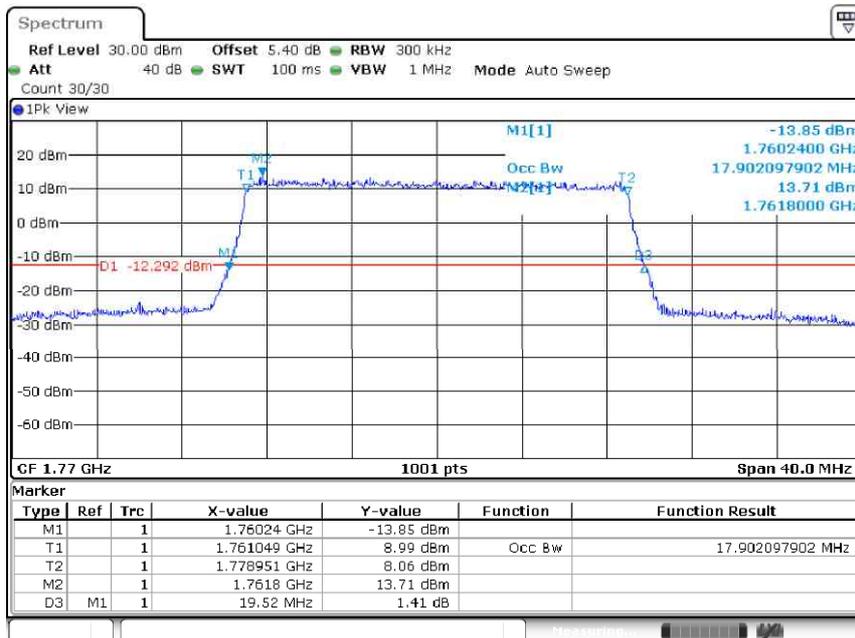


Band66-20MHz-64QAM-132322-100RB#0-17.902



Date: 24 JUN 2020 10:40:44

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



Date: 24 JUN 2020 10:40:57

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

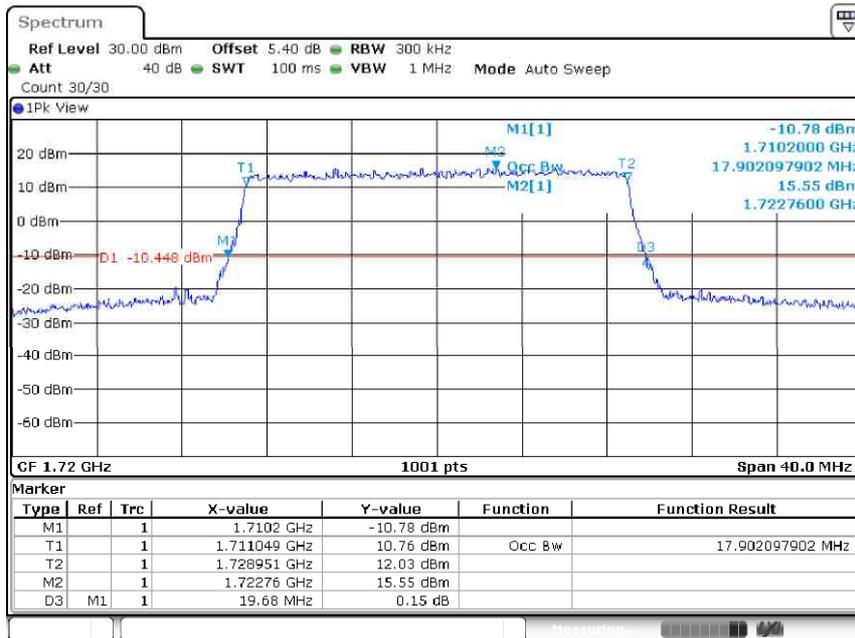
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

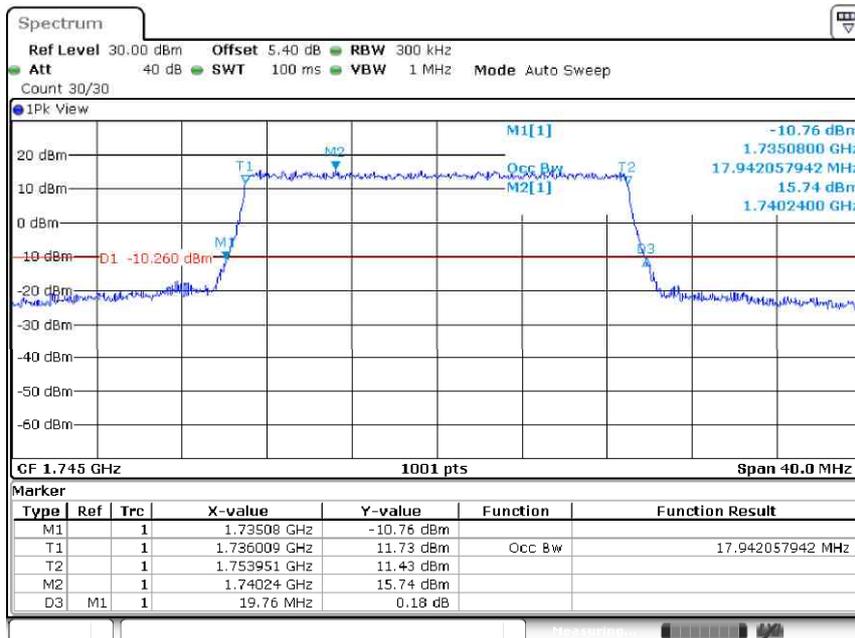


Band66-20MHz-16QAM-132072-100RB#0-17.902



Date: 23 JUN 2020 13:53:56

Band66-20MHz-16QAM-132322-100RB#0-17.942



Date: 23 JUN 2020 13:54:22

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

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

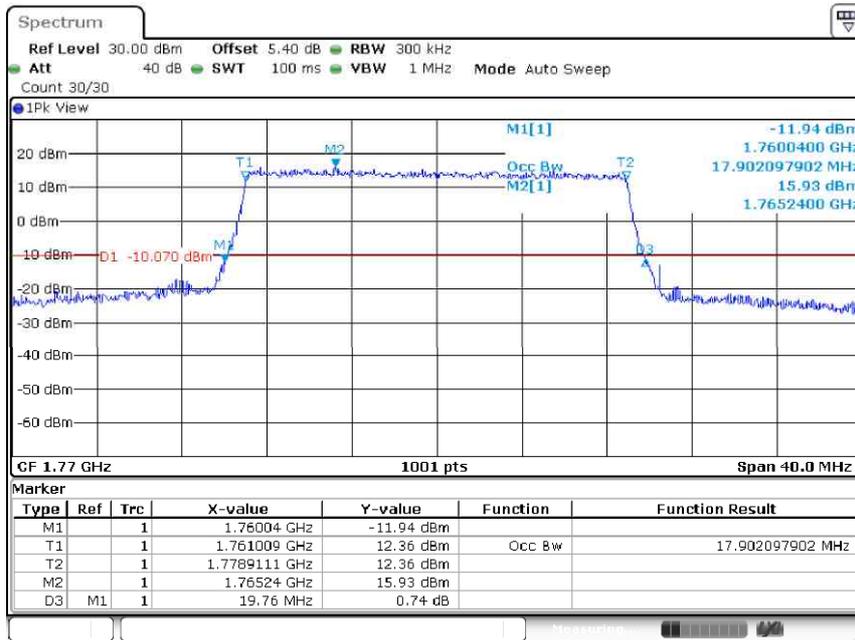
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



Band66-20MHz-16QAM-132572-100RB#0-17.902



Date: 23.JUN 2020 13:54:47

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

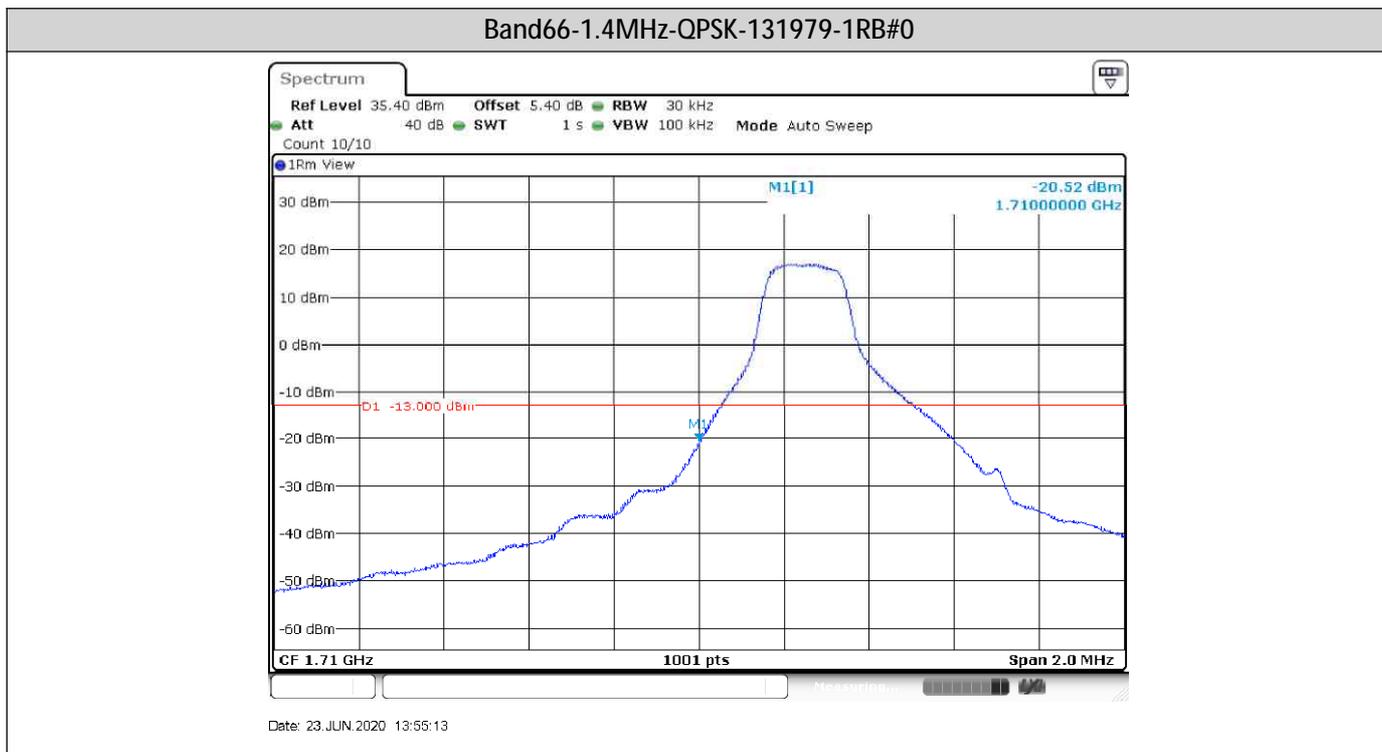
中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

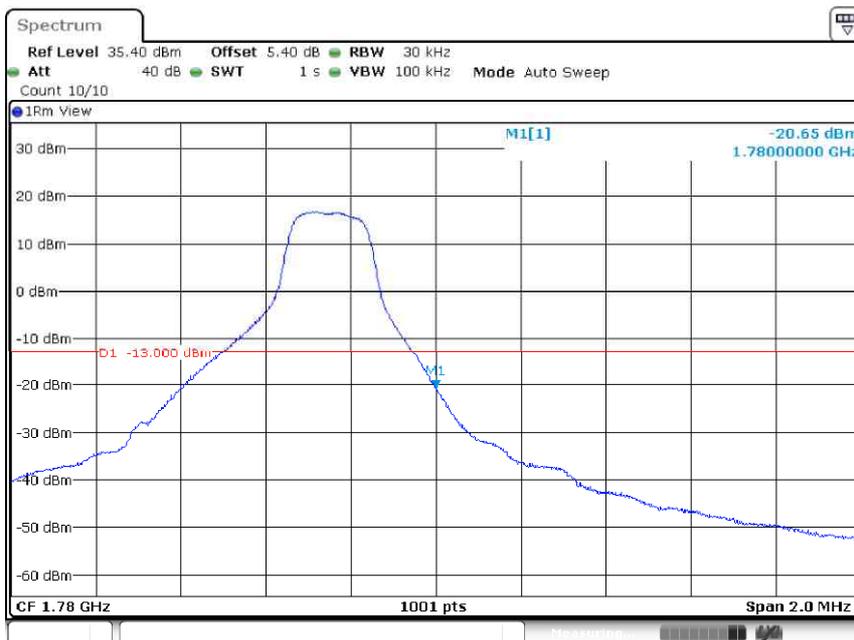


Band66-1.4MHz-QPSK-131979-6RB#0



Date: 23 JUN 2020 13:55:54

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



Date: 23 JUN 2020 13:56:39

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

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

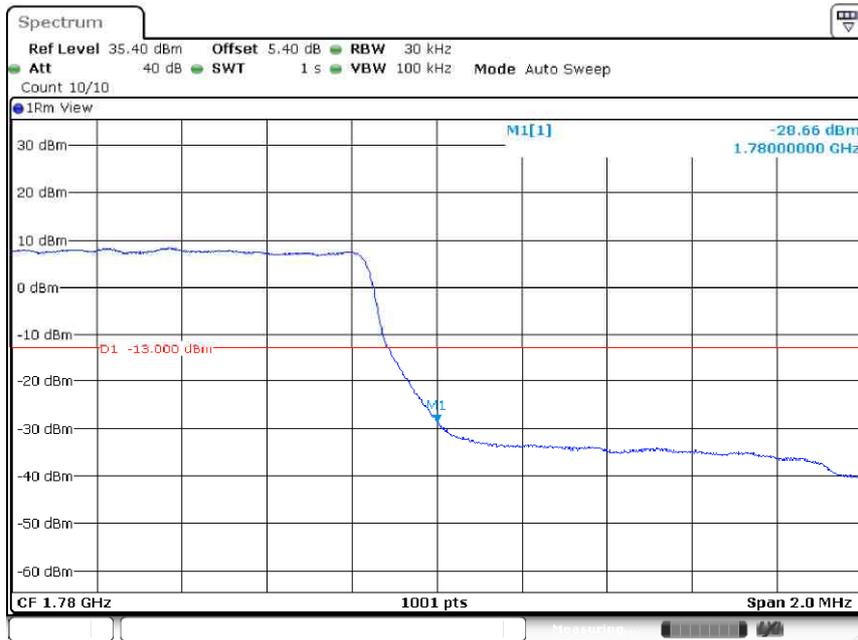
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

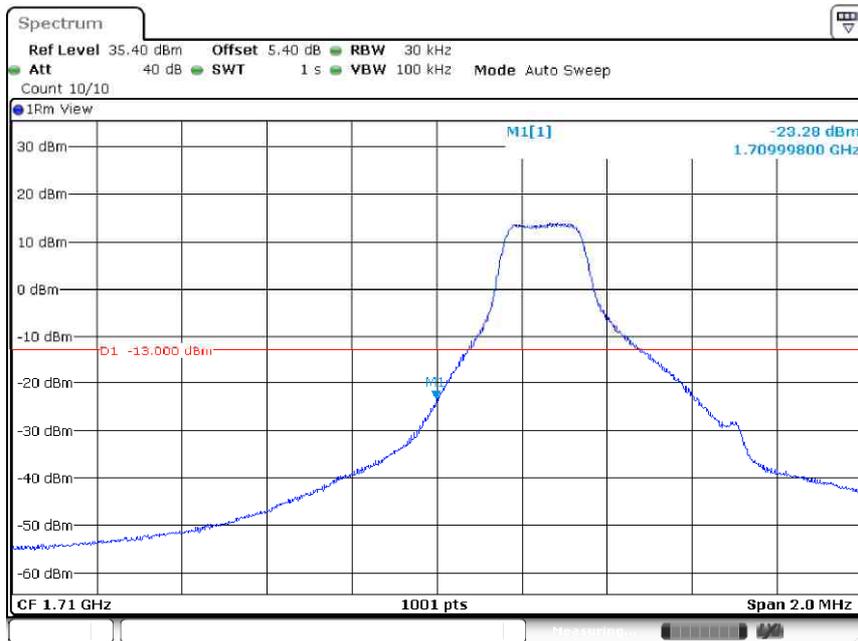


Band66-1.4MHz-QPSK-132665-6RB#0



Date: 23 JUN 2020 13:57:21

Band66-1.4MHz-64QAM-131979-1RB#0



Date: 24 JUN 2020 10:41:23

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

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

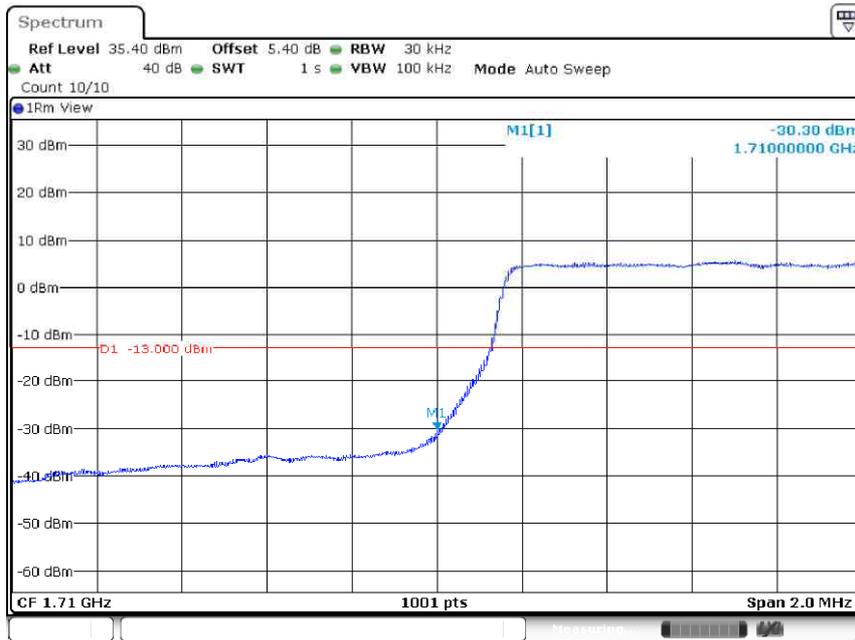
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

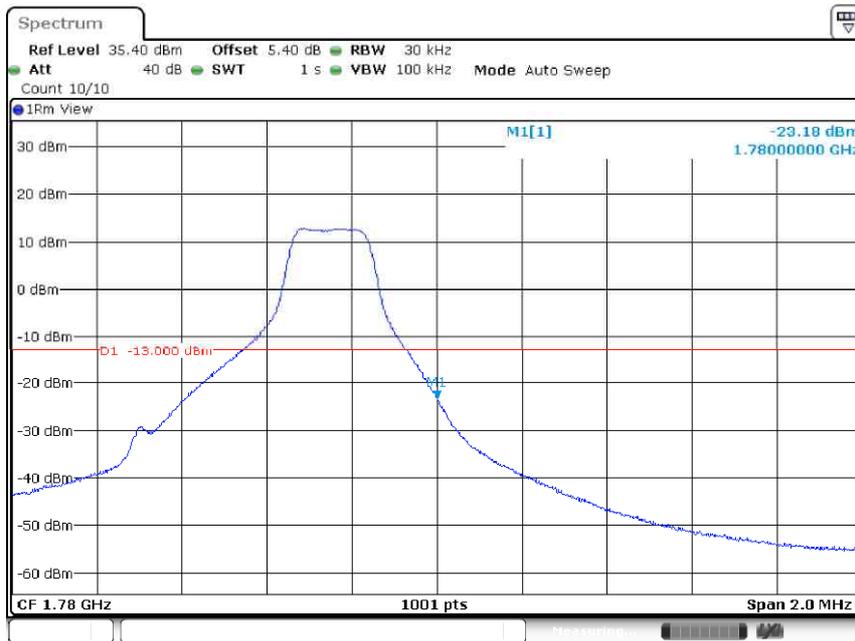


Band66-1.4MHz-64QAM-131979-6RB#0



Date: 24 JUN 2020 10:41:43

Band66-1.4MHz-64QAM-132665-1RB#5



Date: 24 JUN 2020 10:42:09

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

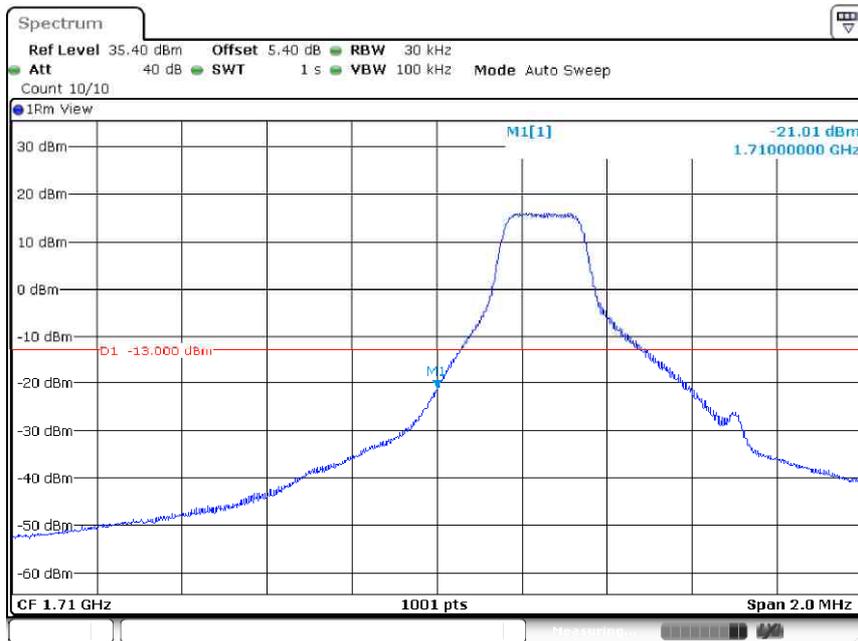


Band66-1.4MHz-64QAM-132665-6RB#0



Date: 24 JUN 2020 10:42:29

Band66-1.4MHz-16QAM-131979-1RB#0



Date: 23 JUN 2020 13:55:33

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

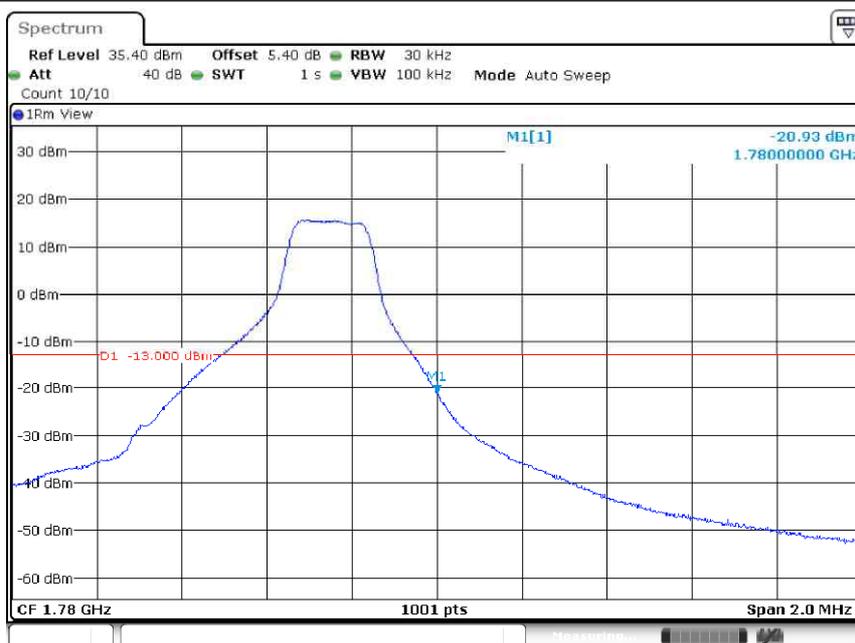


Band66-1.4MHz-16QAM-131979-6RB#0



Date: 23 JUN 2020 13:56:15

Band66-1.4MHz-16QAM-132665-1RB#5



Date: 23 JUN 2020 13:57:00

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

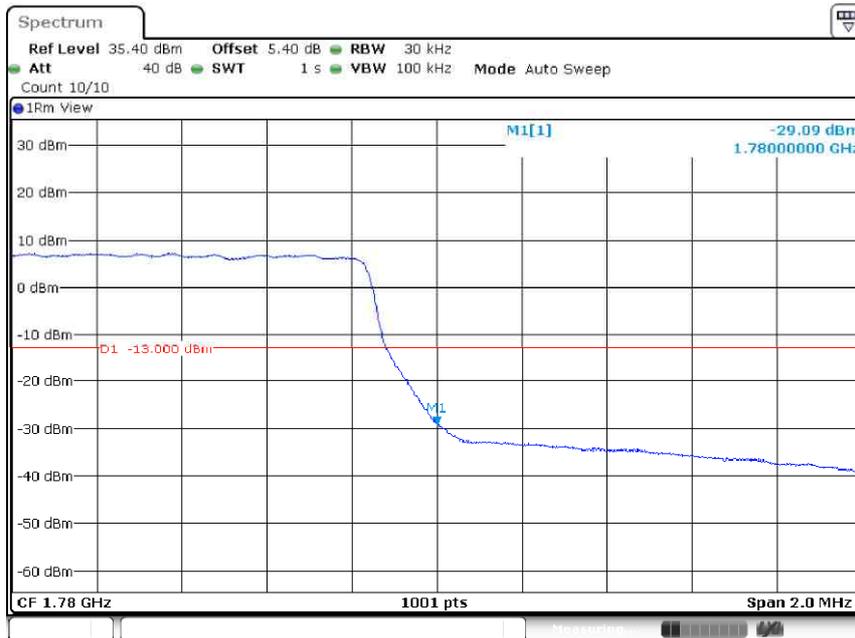
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

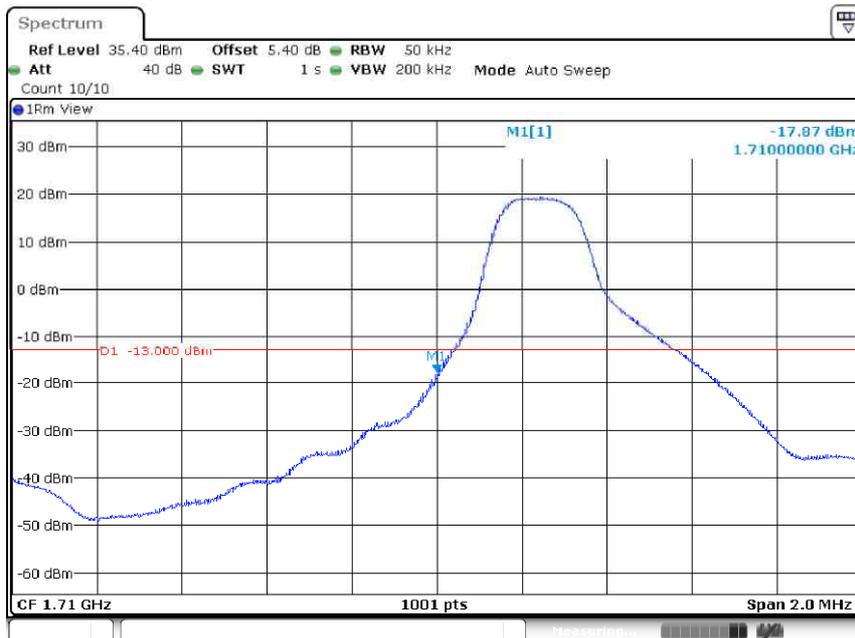


Band66-1.4MHz-16QAM-132665-6RB#0



Date: 23 JUN 2020 13:57:41

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



Date: 23 JUN 2020 13:58:06

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

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

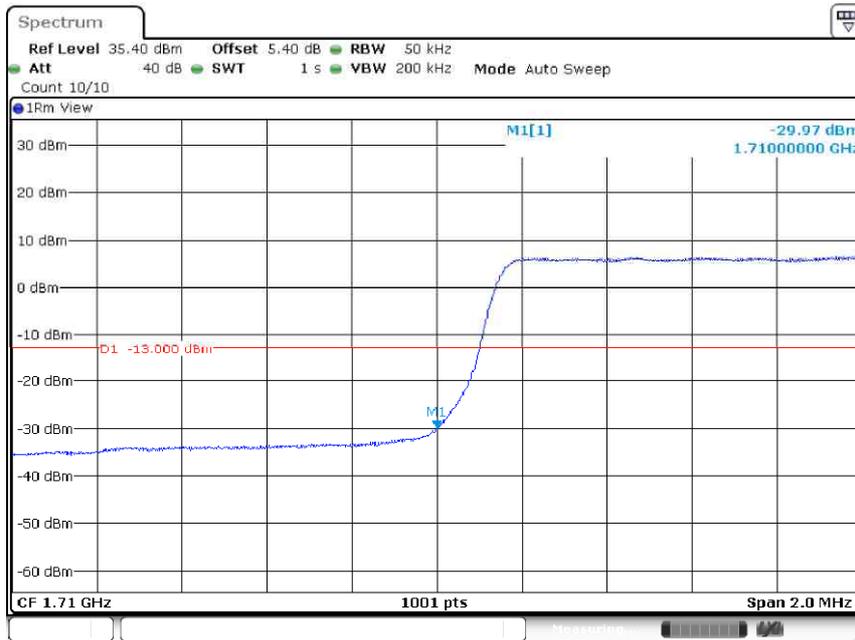
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

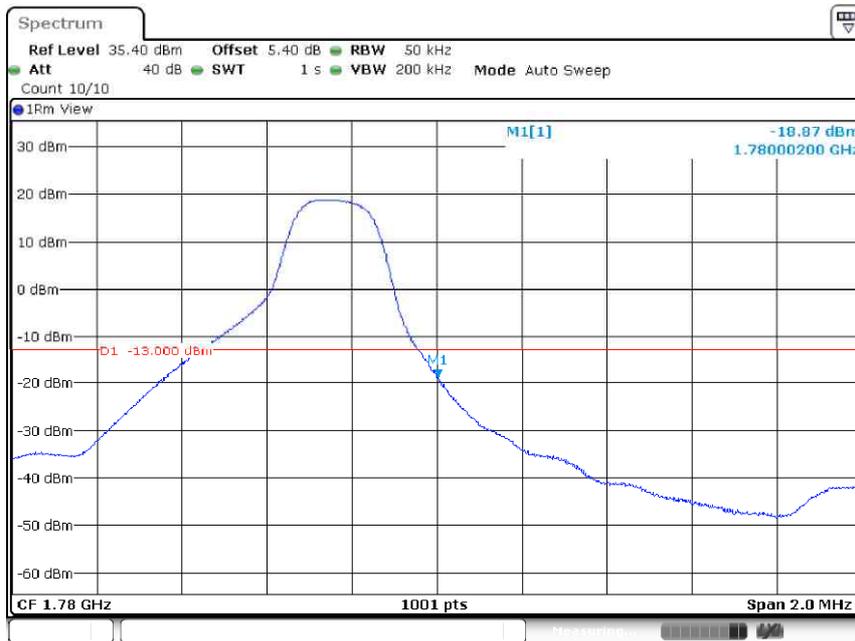


Band66-3MHz-QPSK-131987-15RB#0



Date: 23 JUN 2020 13:58:47

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



Date: 23 JUN 2020 13:59:33

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

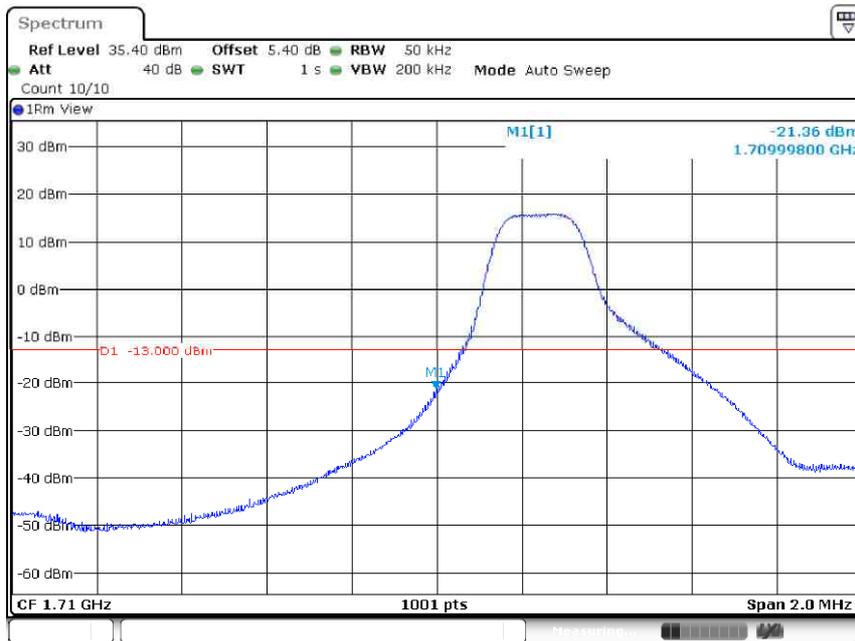


Band66-3MHz-QPSK-132657-15RB#0



Date: 23 JUN 2020 14:00:14

Band66-3MHz-64QAM-131987-1RB#0



Date: 24 JUN 2020 10:42:55

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

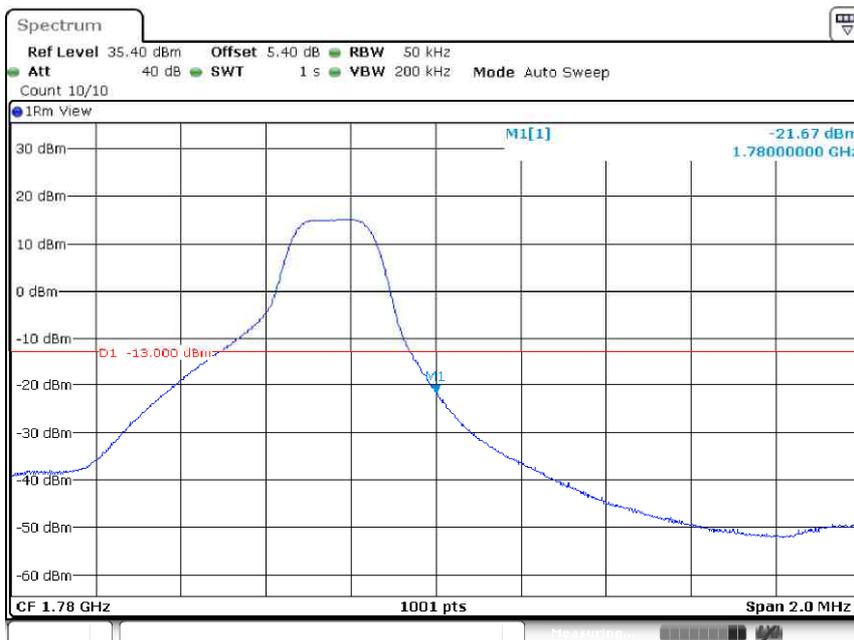


Band66-3MHz-64QAM-131987-15RB#0



Date: 24 JUN 2020 10:43:15

Band66-3MHz-64QAM-132657-1RB#14



Date: 24 JUN 2020 10:43:40

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

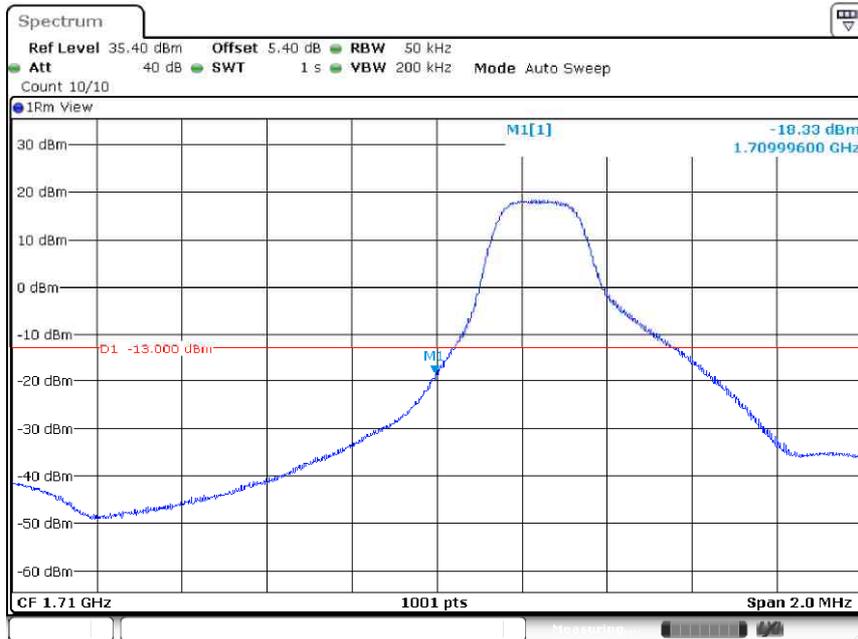


Band66-3MHz-64QAM-132657-15RB#0



Date: 24 JUN 2020 10:44:01

Band66-3MHz-16QAM-131987-1RB#0



Date: 23 JUN 2020 13:58:27

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 13:59:08

Band66-3MHz-16QAM-132657-1RB#14



Date: 23 JUN 2020 13:59:53

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

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

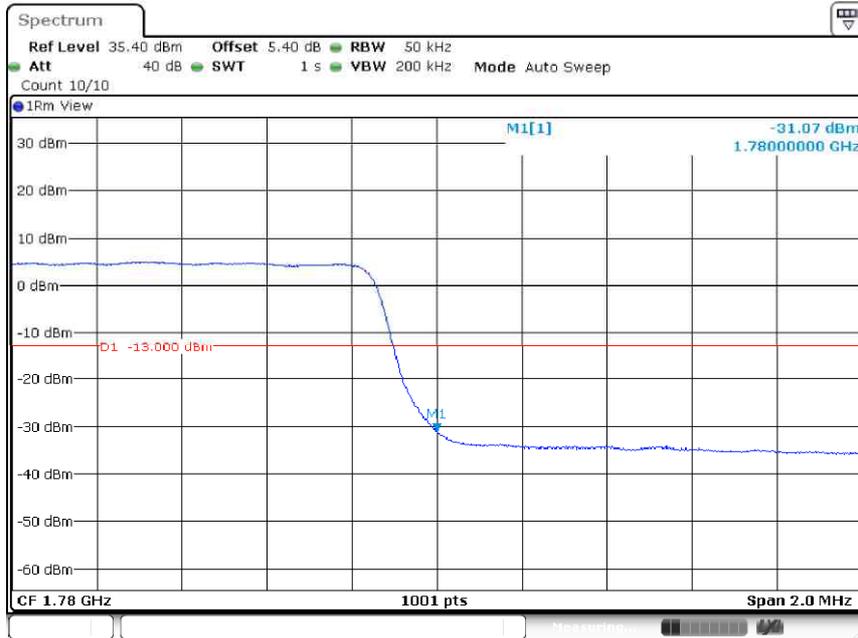
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

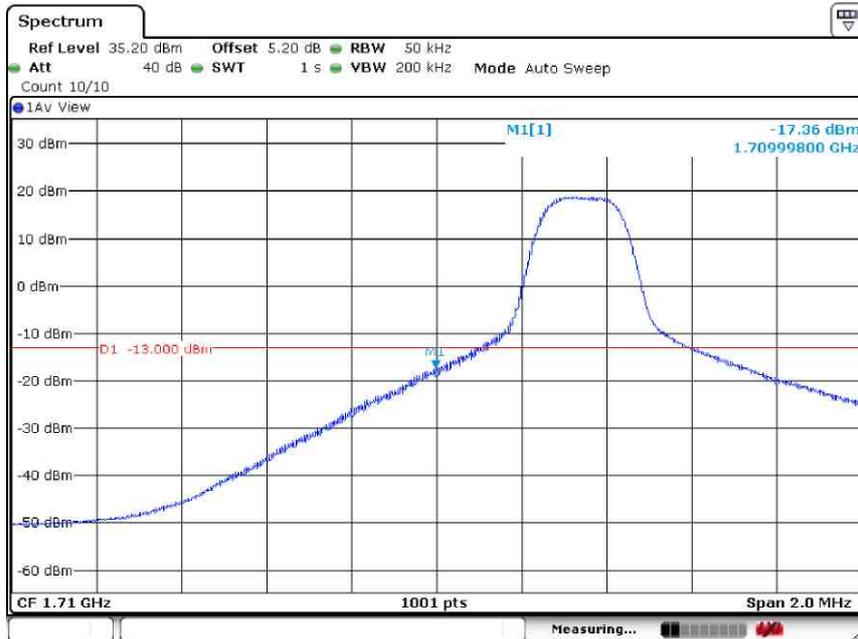


Band66-3MHz-16QAM-132657-15RB#0



Date: 23 JUN 2020 14:00:35

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



Date: 28 JUN 2020 10:28:39

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

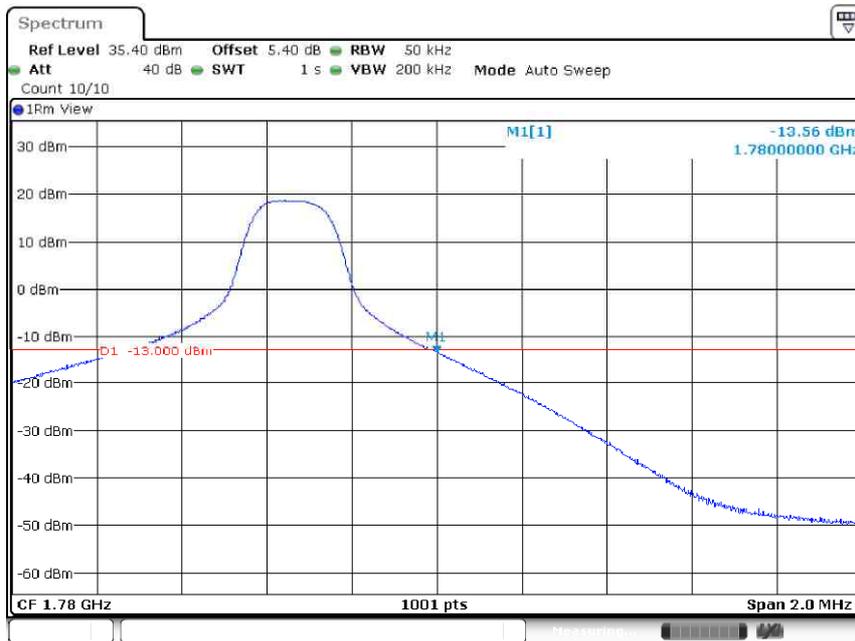


Band66-5MHz-QPSK-131997-25RB#0



Date: 23 JUN 2020 14:19:52

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



Date: 23 JUN 2020 14:02:26

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:03:08

Band66-5MHz-64QAM-131997-1RB#0



Date: 28 JUN 2020 10:30:08

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

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

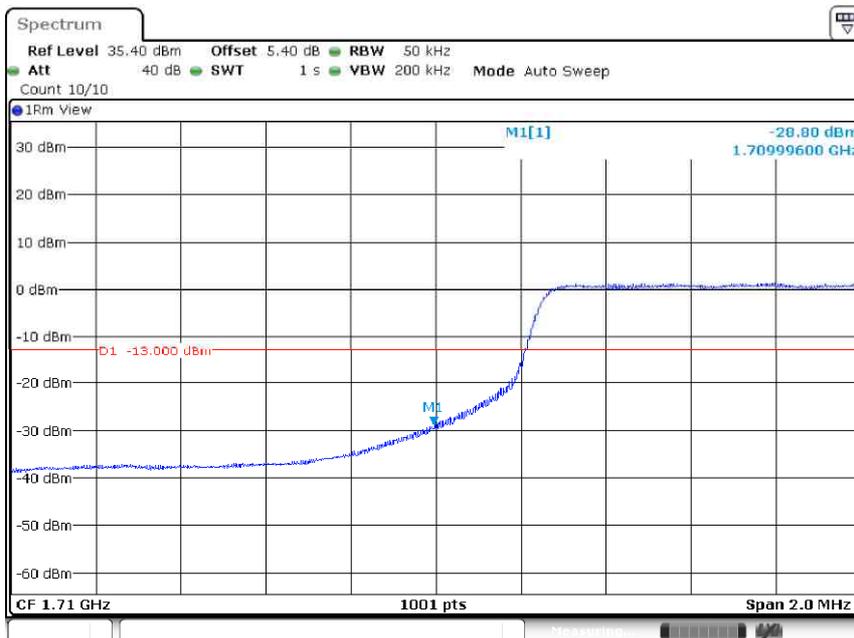
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

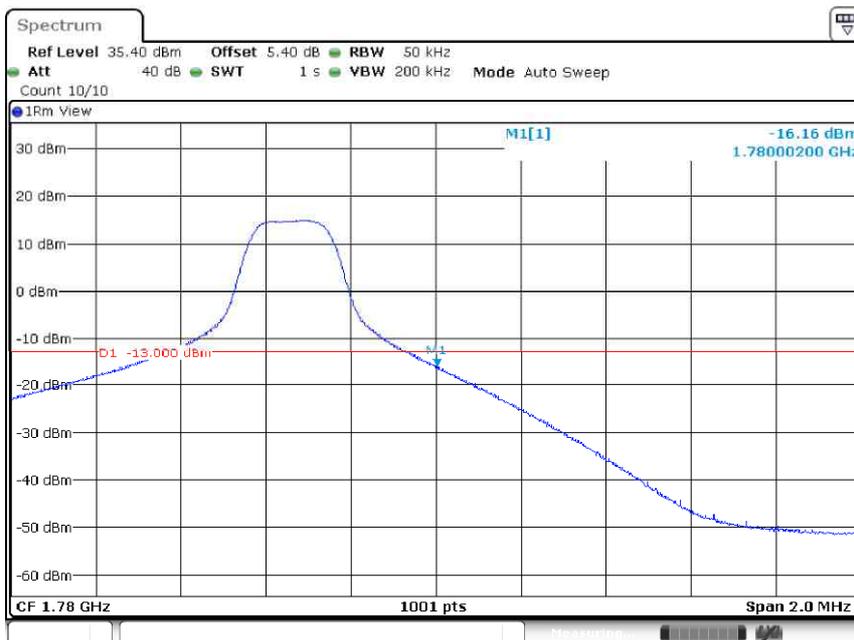


Band66-5MHz-64QAM-131997-25RB#0



Date: 24 JUN 2020 10:44:47

Band66-5MHz-64QAM-132647-1RB#24



Date: 24 JUN 2020 10:45:12

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:45:32

Band66-5MHz-16QAM-131997-1RB#0



Date: 28 JUN 2020 10:29:36

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

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

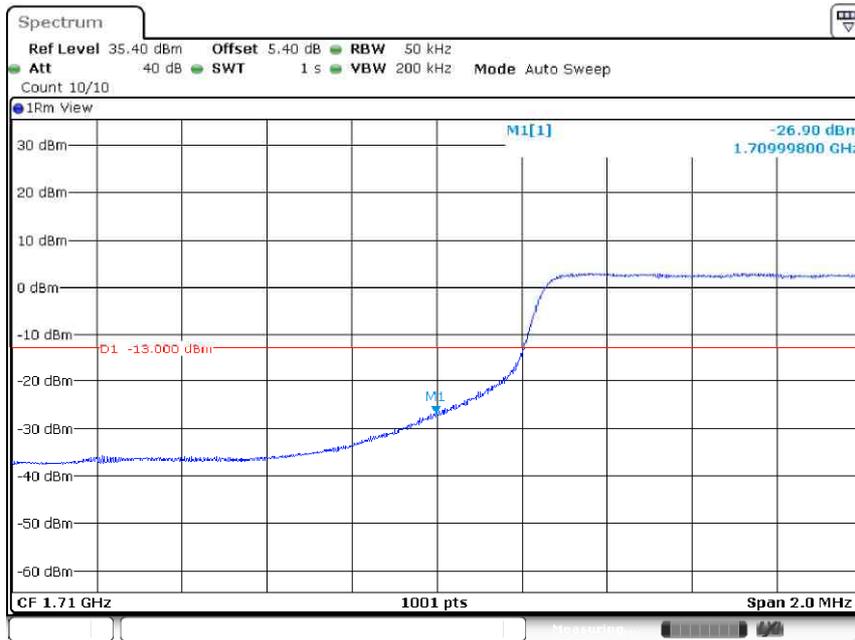
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:20:12

Band66-5MHz-16QAM-132647-1RB#24



Date: 23 JUN 2020 14:02:47

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:03:28

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



Date: 23 JUN 2020 14:03:53

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:04:34

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



Date: 23 JUN 2020 14:05:20

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

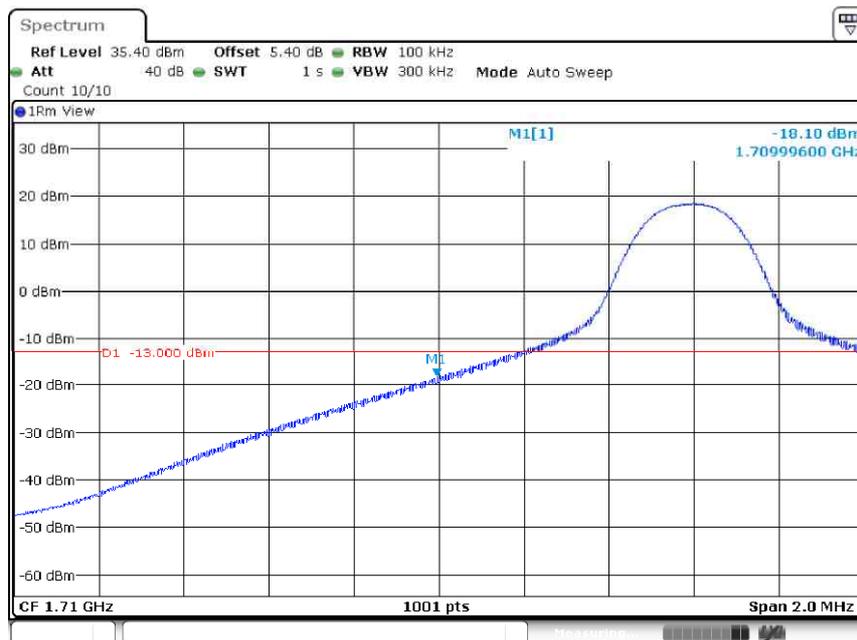


Band66-10MHz-QPSK-132622-50RB#0



Date: 23 JUN 2020 14:06:01

Band66-10MHz-64QAM-132022-1RB#0



Date: 24 JUN 2020 10:45:58

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:46:19

Band66-10MHz-64QAM-132622-1RB#49



Date: 24 JUN 2020 10:46:45

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

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

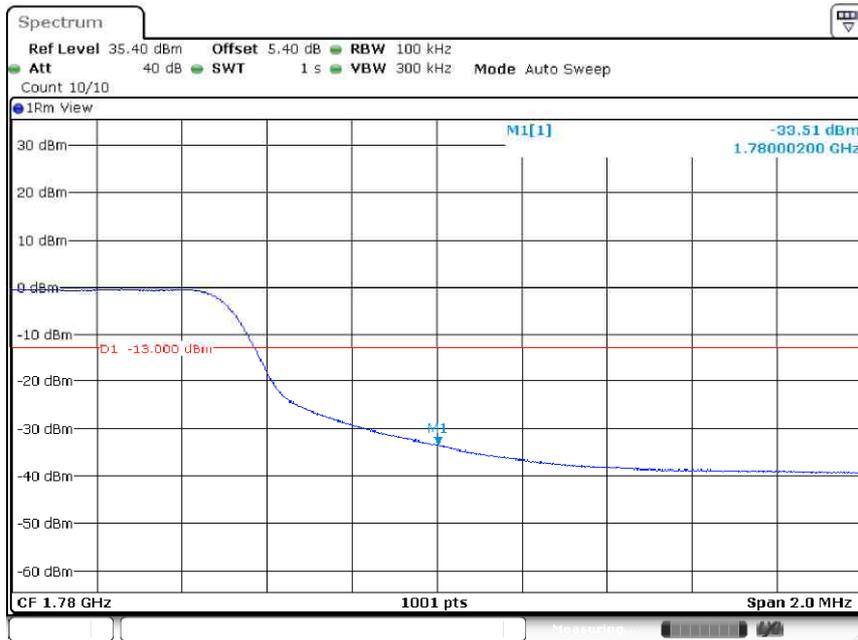
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:47:05

Band66-10MHz-16QAM-132022-1RB#0



Date: 23 JUN 2020 14:04:14

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:04:55

Band66-10MHz-16QAM-132622-1RB#49



Date: 23 JUN 2020 14:05:40

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:06:21

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



Date: 23 JUN 2020 14:06:47

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

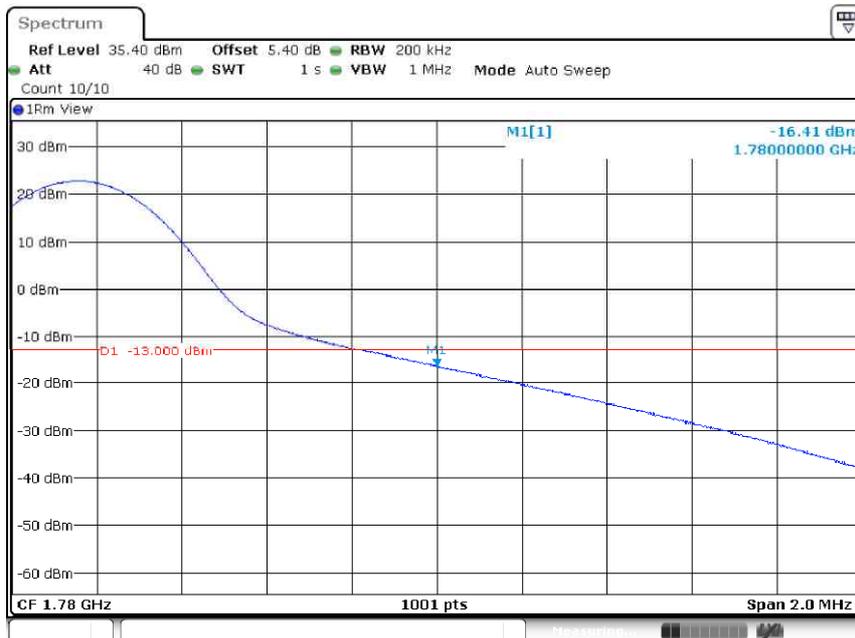


Band66-15MHz-QPSK-132047-75RB#0



Date: 23 JUN 2020 14:07:28

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



Date: 23 JUN 2020 14:08:13

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

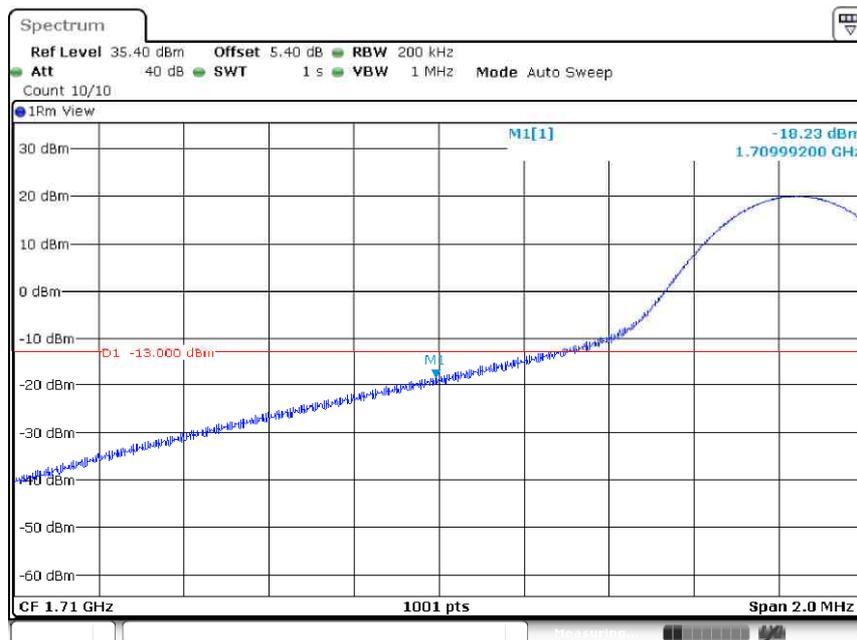


Band66-15MHz-QPSK-132597-75RB#0



Date: 23 JUN 2020 14:08:54

Band66-15MHz-64QAM-132047-1RB#0



Date: 24 JUN 2020 10:47:31

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

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

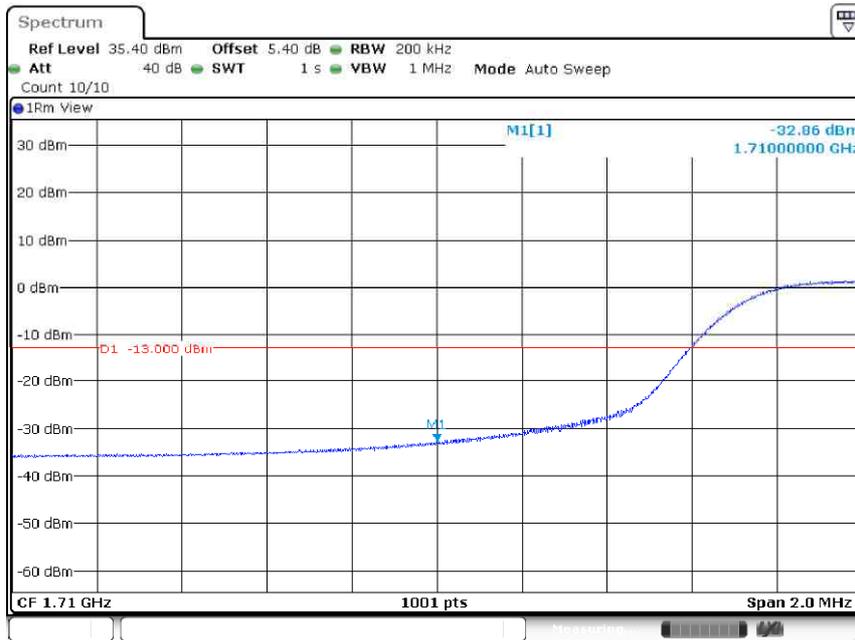
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:47:52

Band66-15MHz-64QAM-132597-1RB#74



Date: 24 JUN 2020 10:48:17

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

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

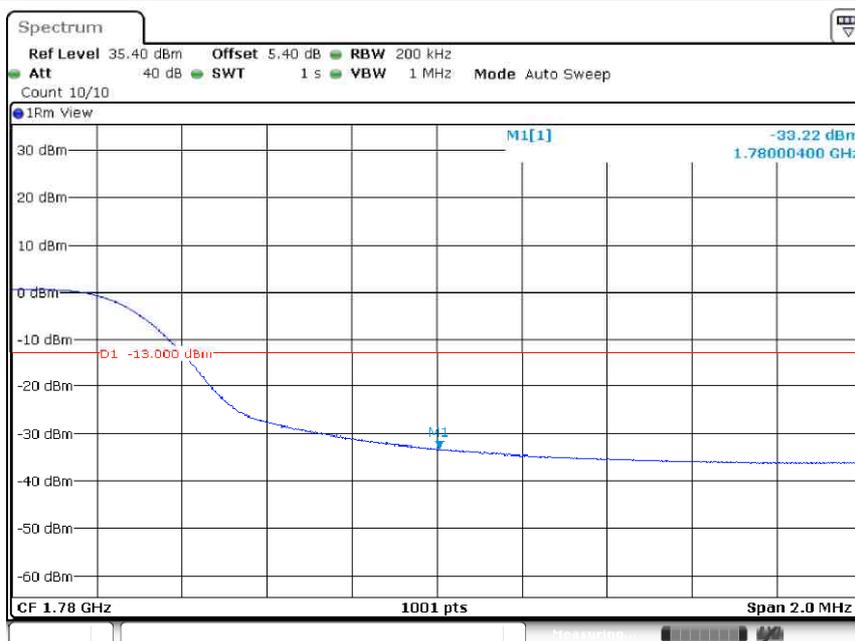
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:48:38

Band66-15MHz-16QAM-132047-1RB#0



Date: 23 JUN 2020 14:07:07

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:07:48

Band66-15MHz-16QAM-132597-1RB#74



Date: 23 JUN 2020 14:08:34

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

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

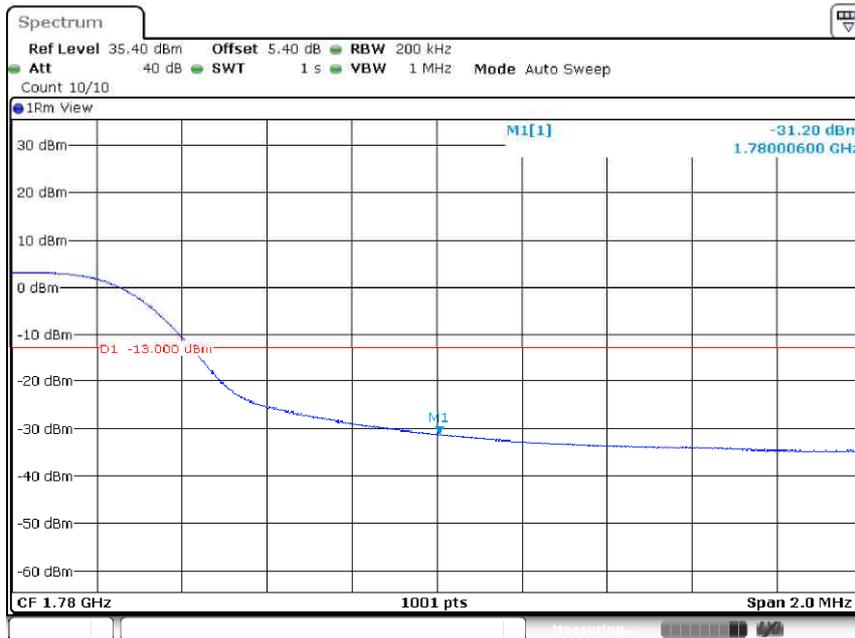
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

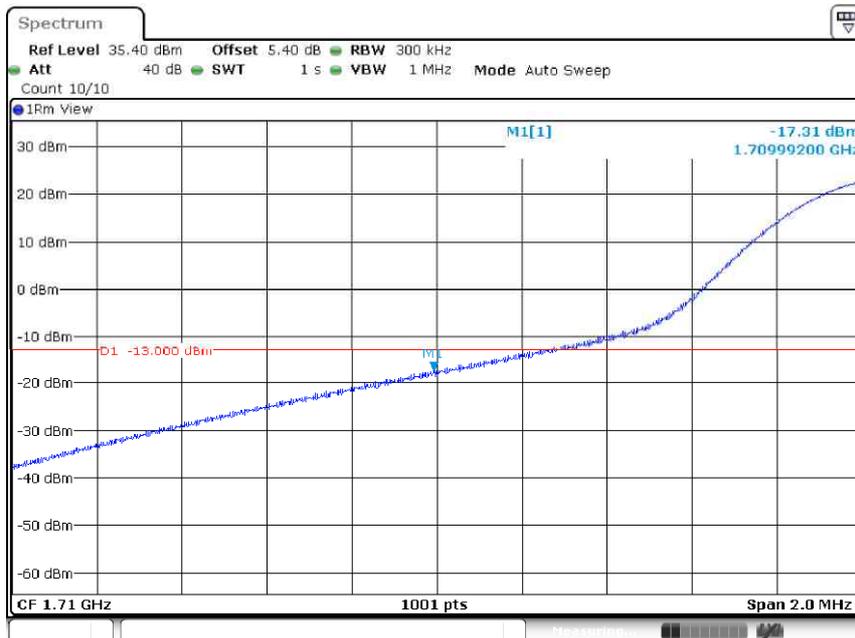


Band66-15MHz-16QAM-132597-75RB#0



Date: 23 JUN 2020 14:09:15

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



Date: 23 JUN 2020 14:09:40

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:10:21

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



Date: 23 JUN 2020 14:11:07

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

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

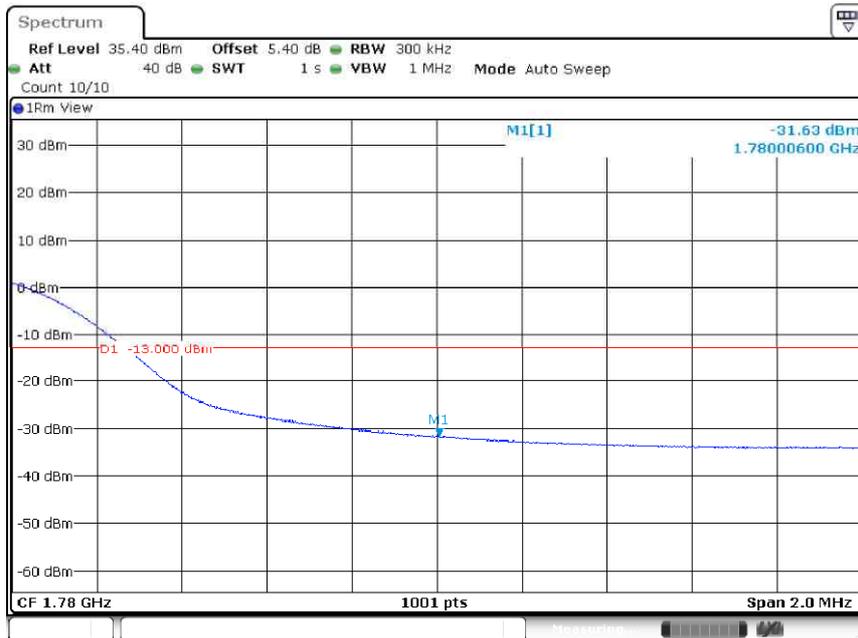
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

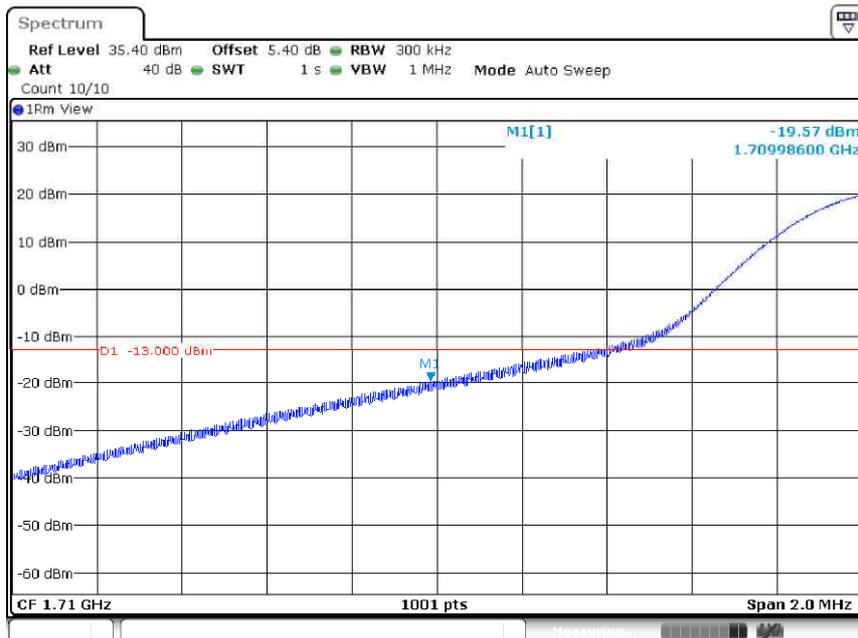


Band66-20MHz-QPSK-132572-100RB#0



Date: 23 JUN 2020 14:11:48

Band66-20MHz-64QAM-132072-1RB#0



Date: 24 JUN 2020 10:49:04

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

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

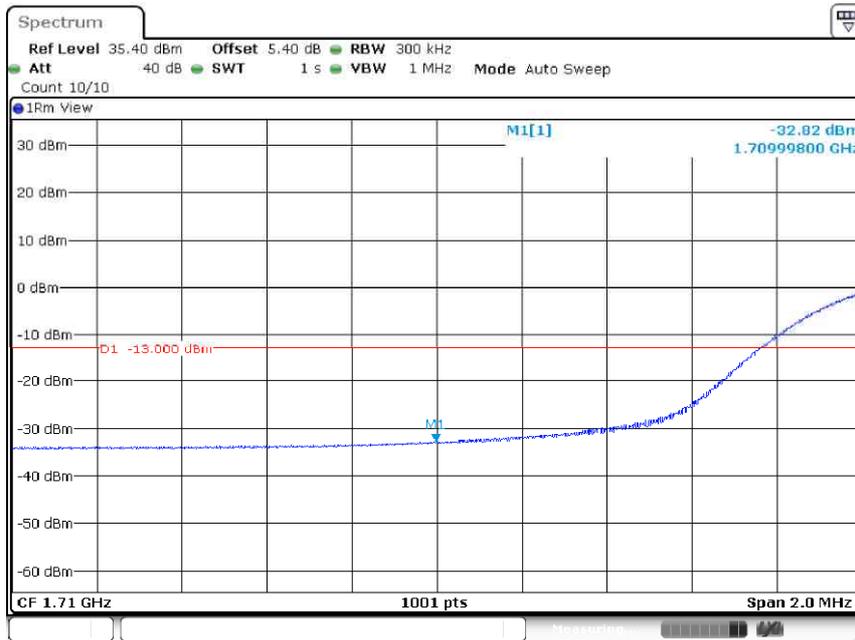
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:49:24

Band66-20MHz-64QAM-132572-1RB#99



Date: 24 JUN 2020 10:49:49

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

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

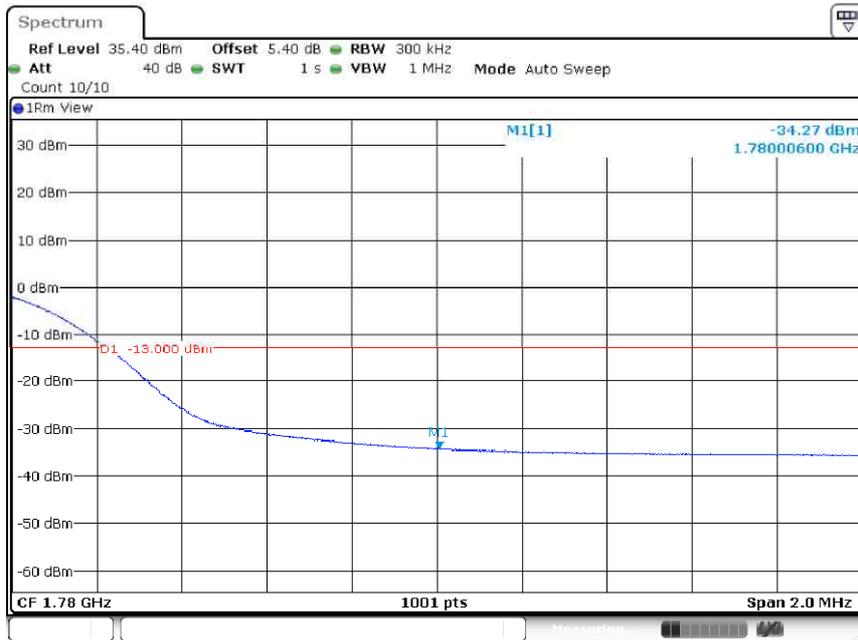
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 24 JUN 2020 10:50:10

Band66-20MHz-16QAM-132072-1RB#0



Date: 23 JUN 2020 14:10:01

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

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

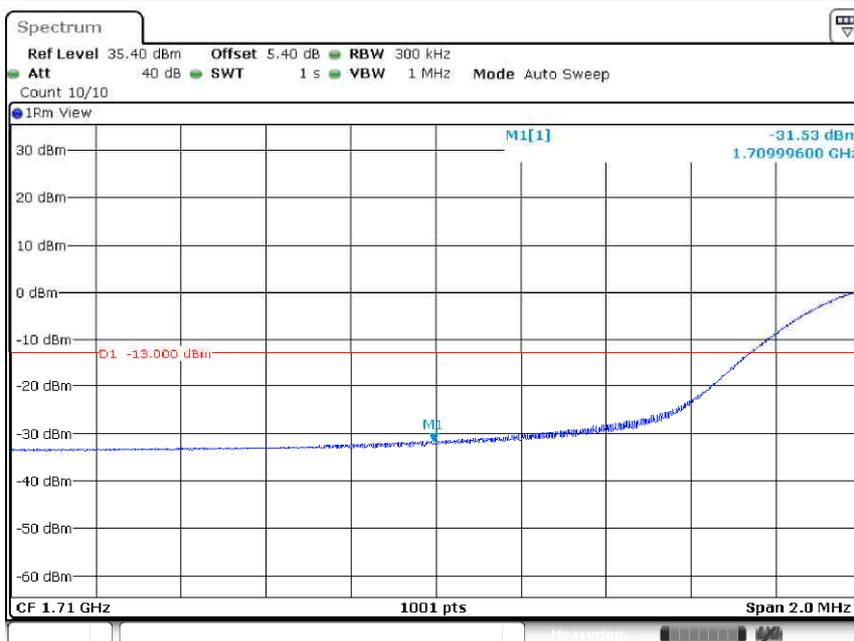
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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



Date: 23 JUN 2020 14:10:42

Band66-20MHz-16QAM-132572-1RB#99



Date: 23 JUN 2020 14:11:27

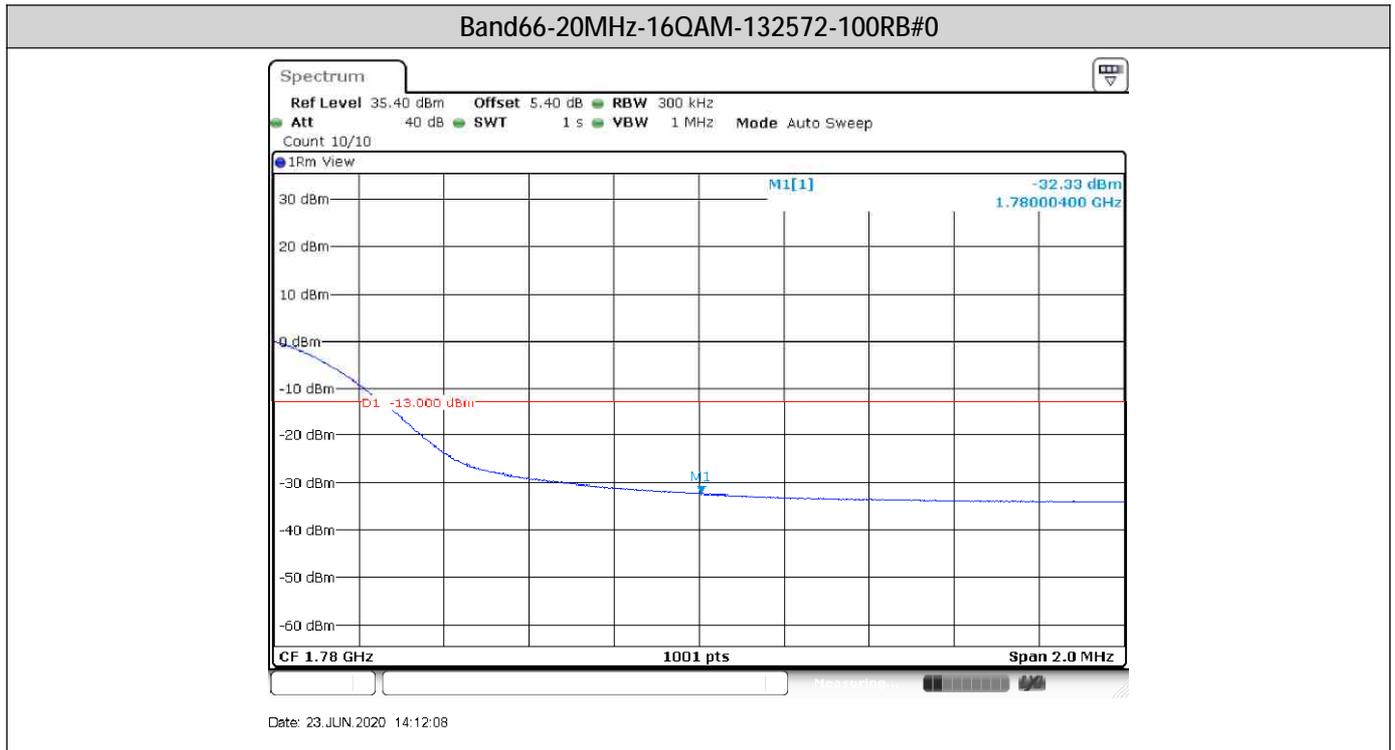
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

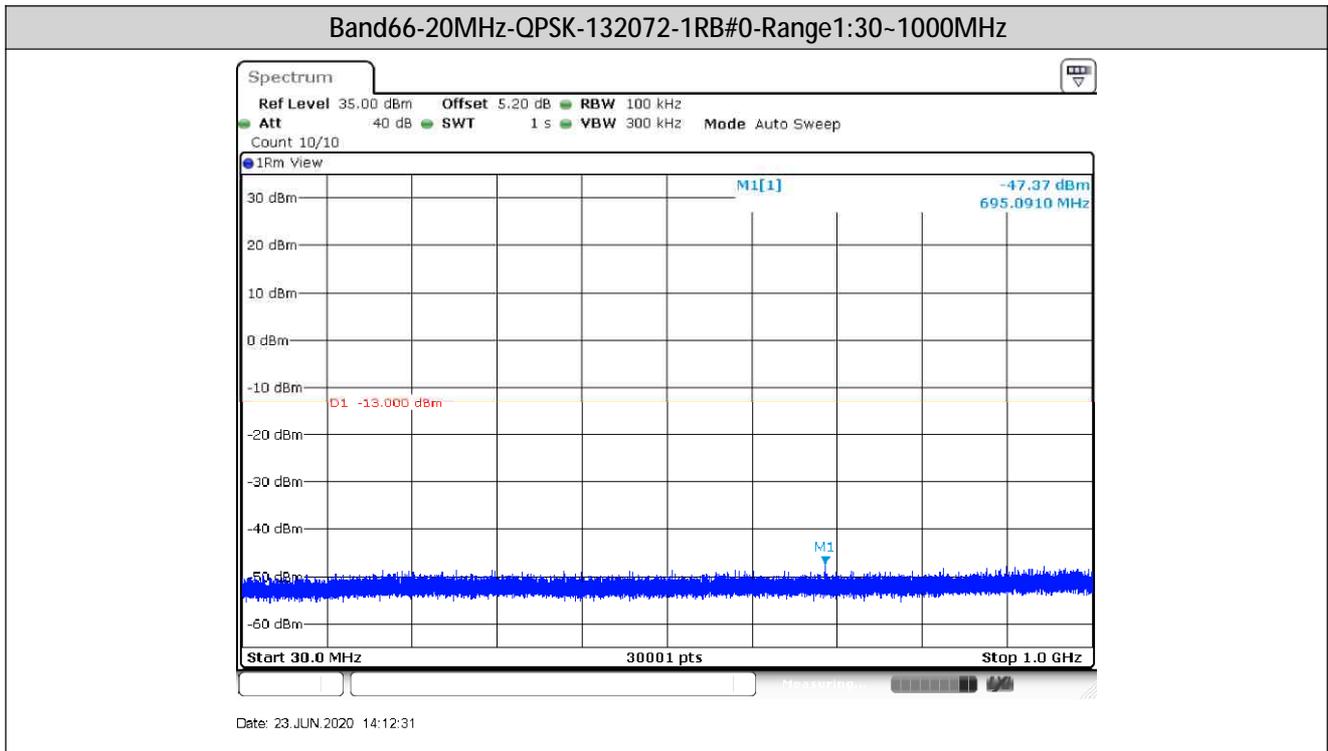
邮编 710086 sgs.china@sgs.com

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: only the worst case data displayed in this report.

6.1. Test Plots



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

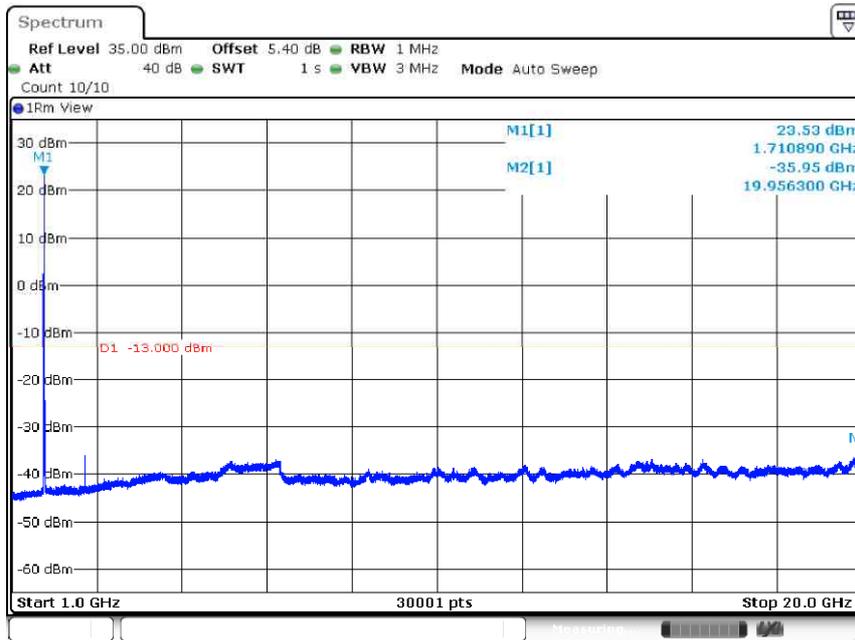
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

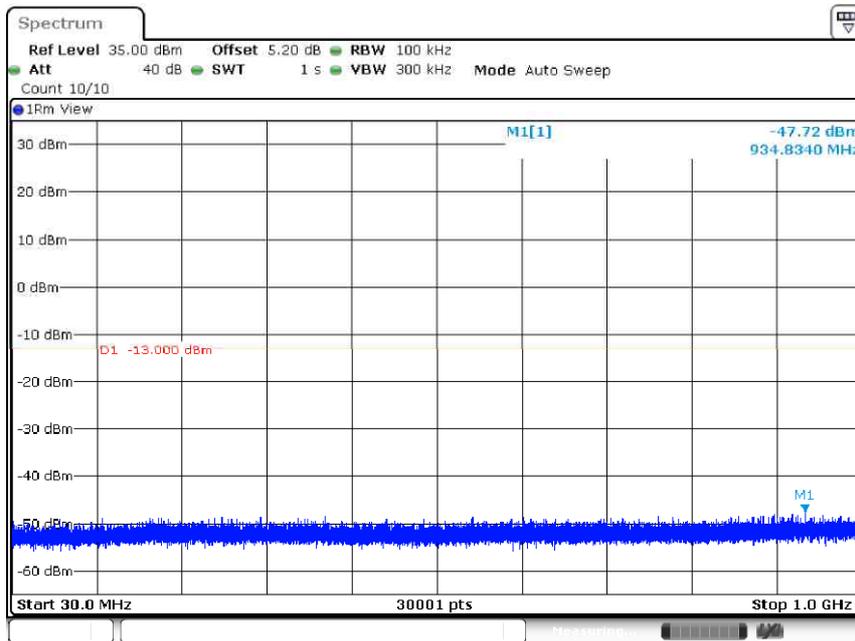
邮编 710086 sgs.china@sgs.com

Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~2000MHz



Date: 23 JUN 2020 14:12:48

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



Date: 23 JUN 2020 14:13:42

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

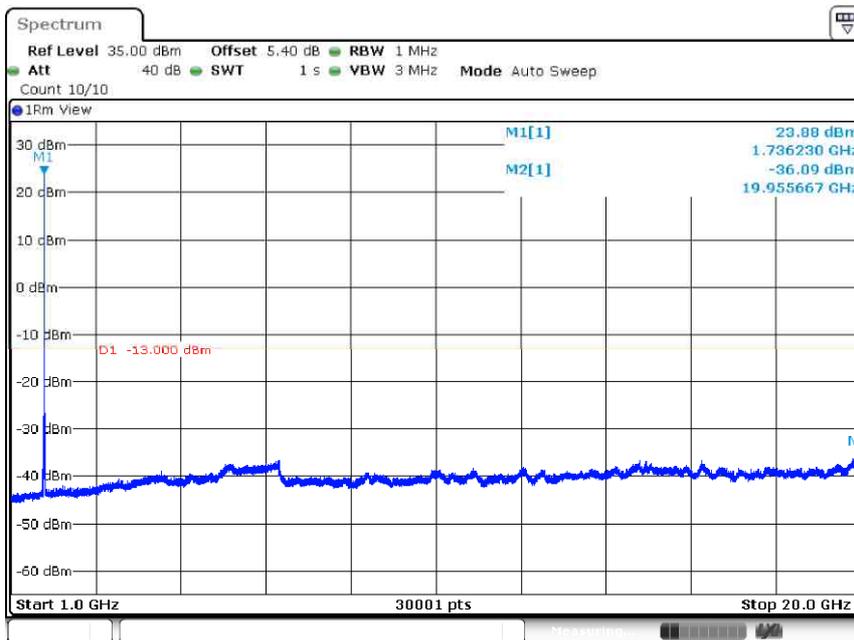
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

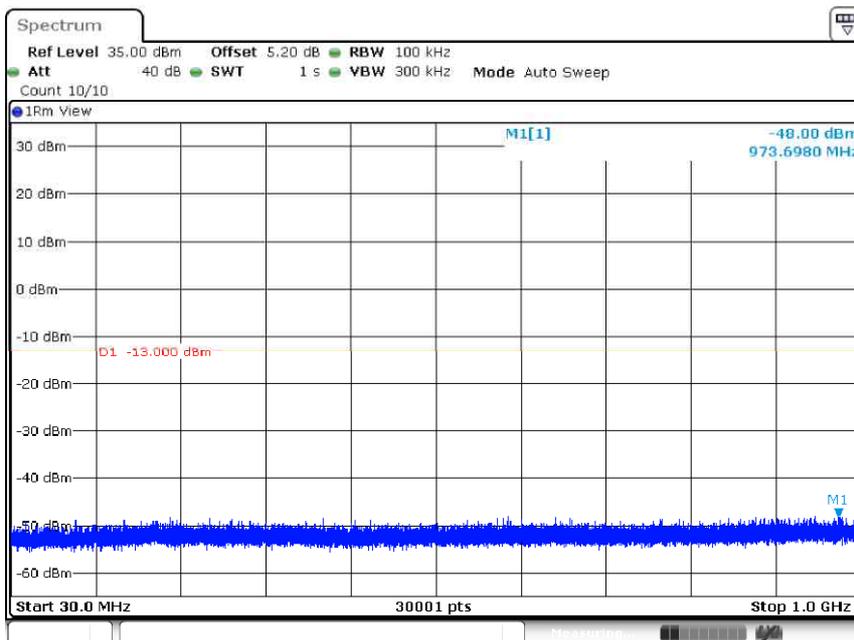
邮编 710086 sgs.china@sgs.com

Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~2000MHz



Date: 23 JUN 2020 14:13:58

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



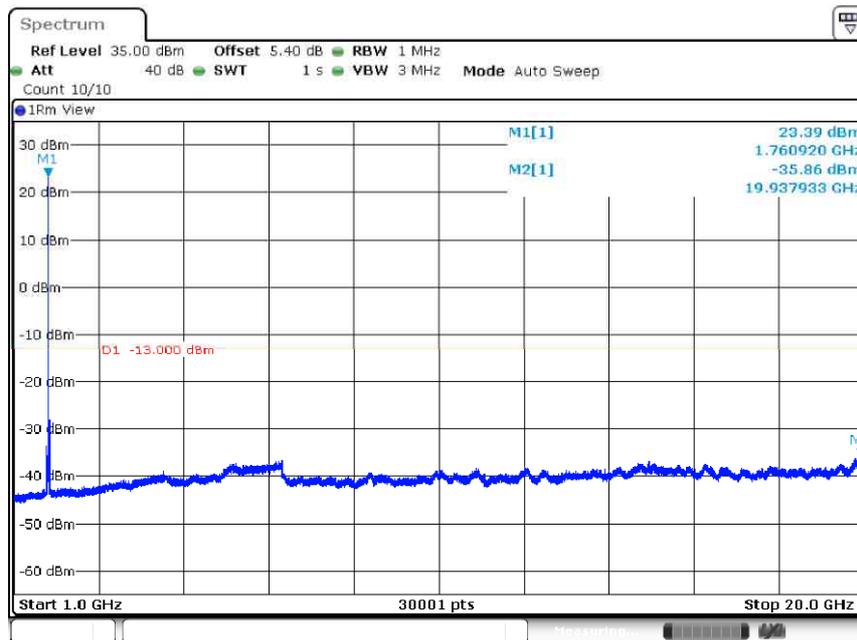
Date: 23 JUN 2020 14:14:52

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

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

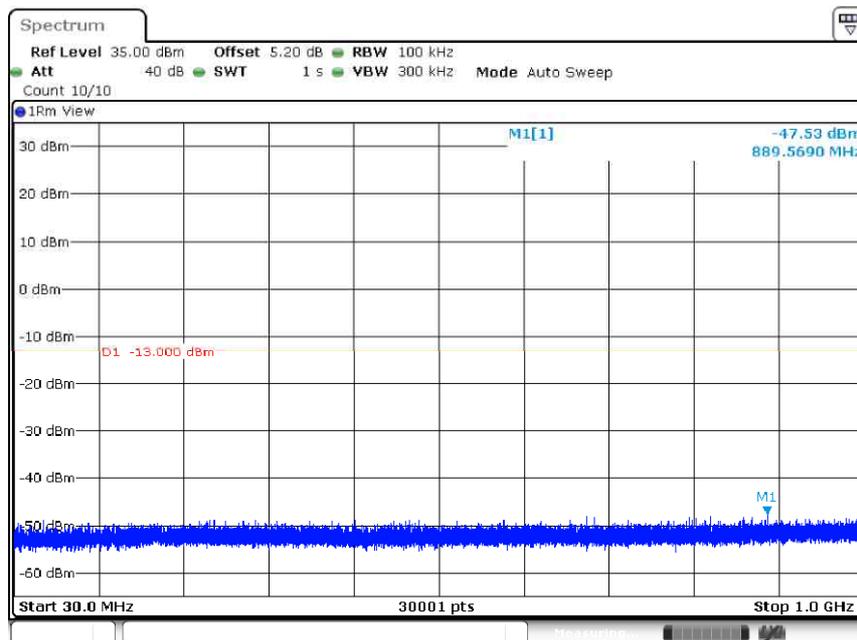
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China
 中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层 邮编 710086 sgs.china@sgs.com

Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~2000MHz



Date: 23 JUN 2020 14:15:08

Band66-20MHz-64QAM-132072-1RB#0-Range1:30~1000MHz



Date: 24 JUN 2020 10:50:33

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

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

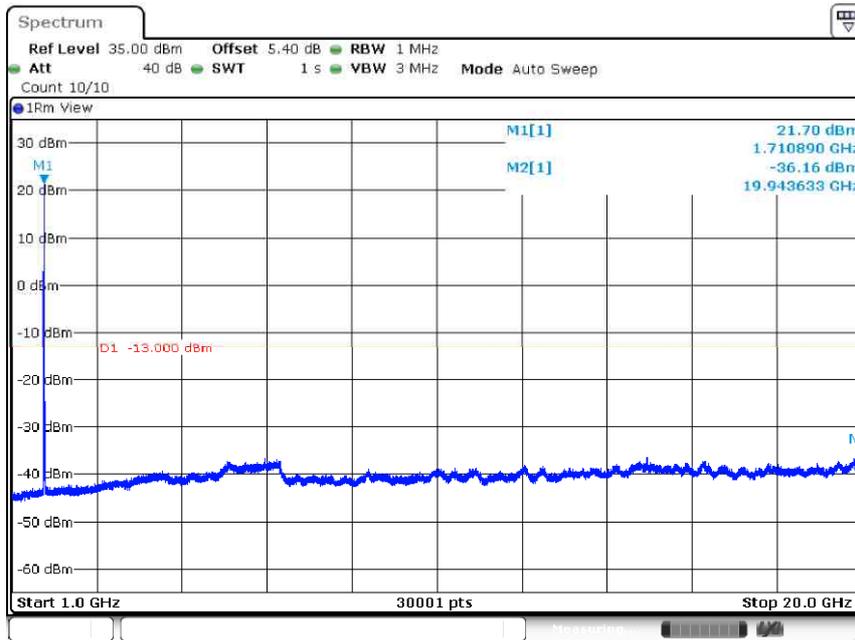
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

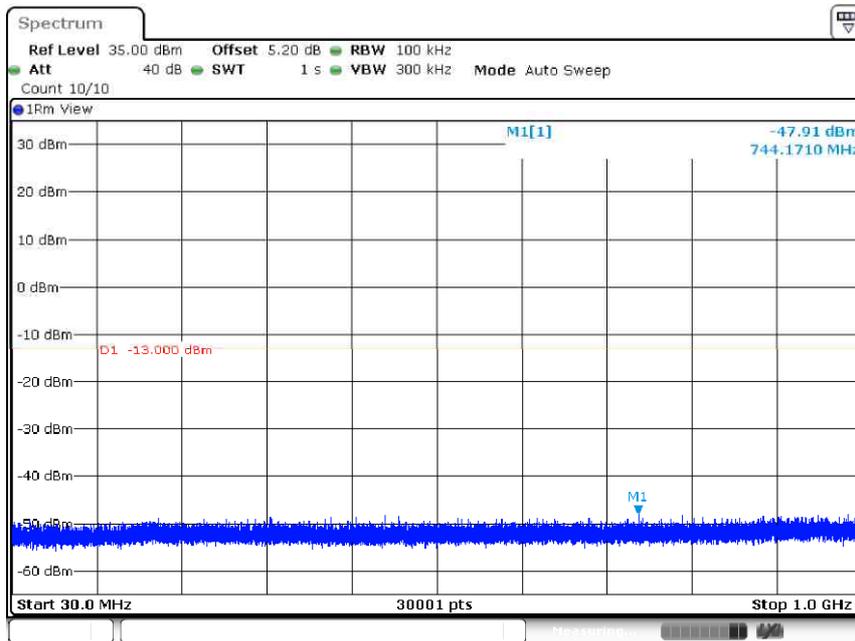


Band66-20MHz-64QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 24 JUN 2020 10:50:50

Band66-20MHz-64QAM-132322-1RB#0-Range1:30~1000MHz



Date: 24 JUN 2020 10:51:09

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

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

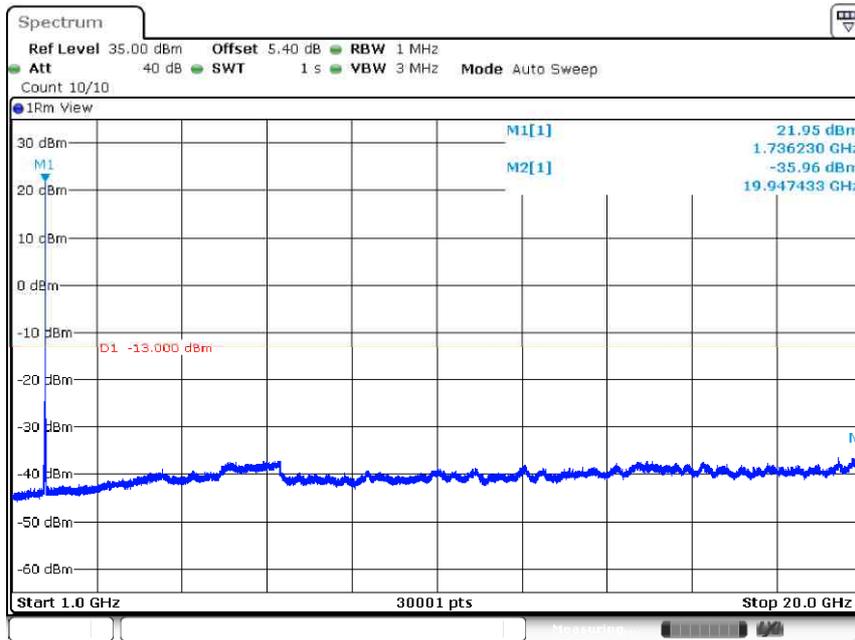
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

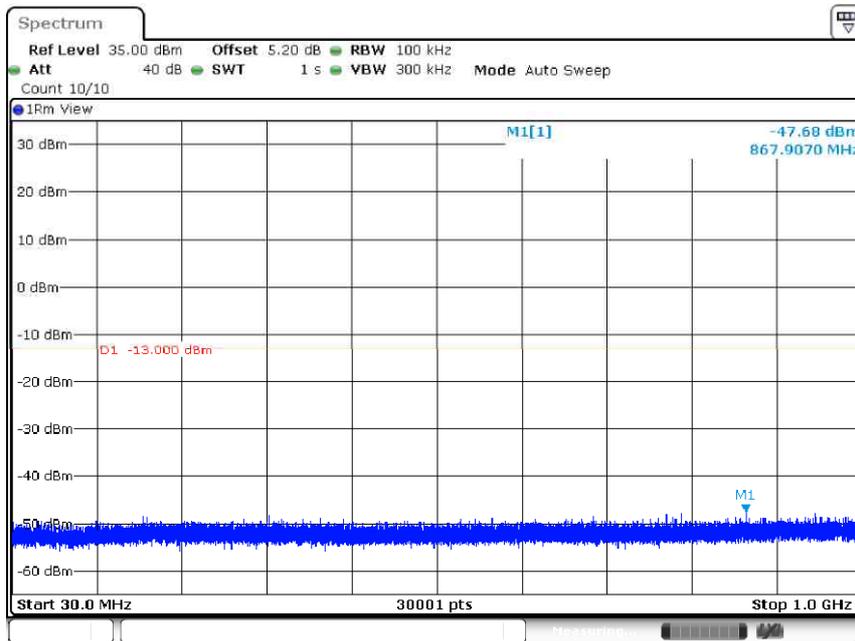


Band66-20MHz-64QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 24 JUN 2020 10:51:26

Band66-20MHz-64QAM-132572-1RB#0-Range1:30~1000MHz



Date: 24 JUN 2020 10:51:45

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

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

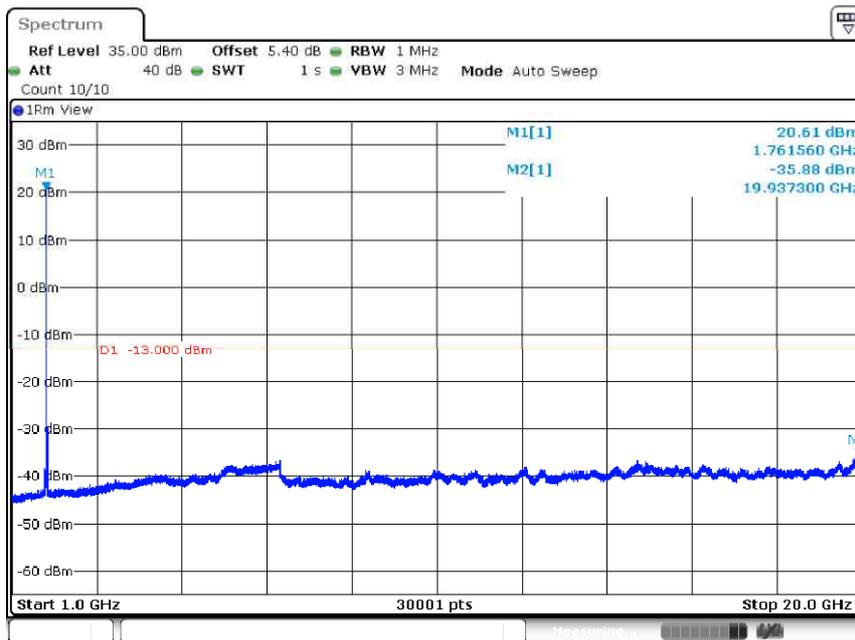
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

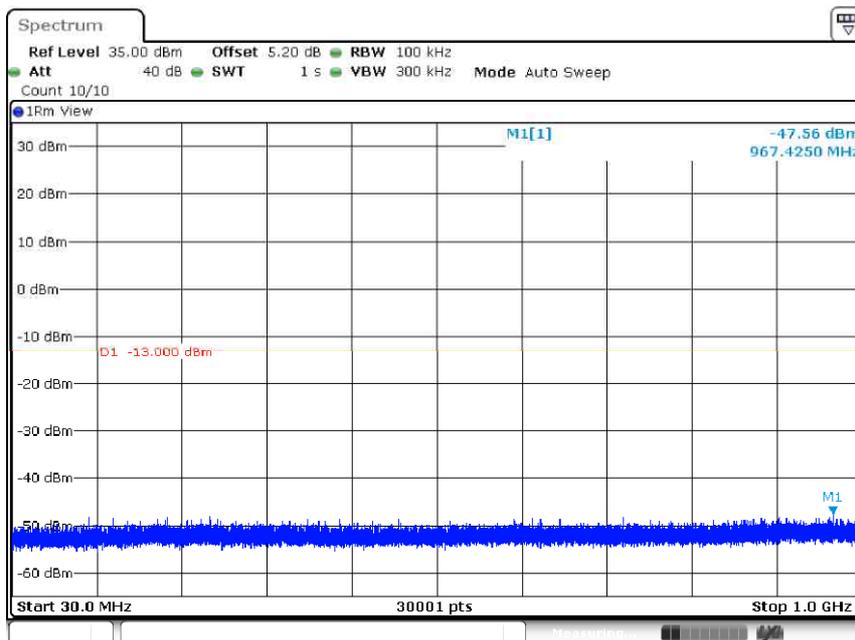


Band66-20MHz-64QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 24 JUN 2020 10:52:01

Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



Date: 23 JUN 2020 14:13:06

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

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

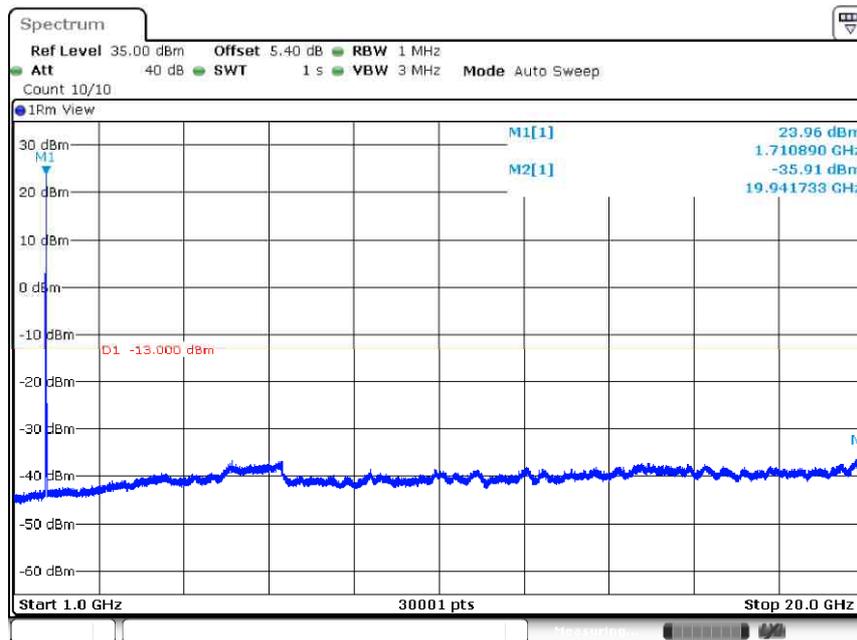
1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

邮编 710086 sgs.china@sgs.com

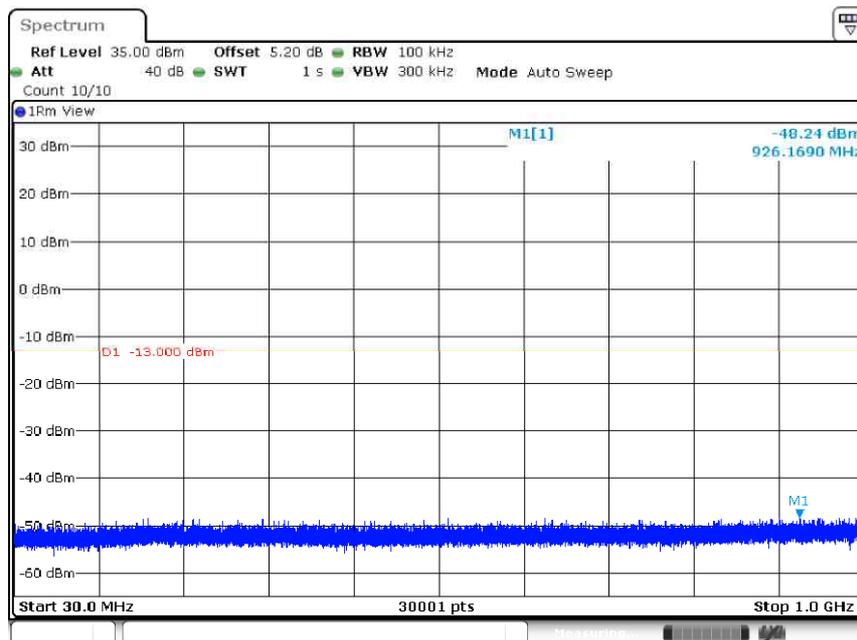


Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~20000MHz



Date: 23 JUN 2020 14:13:23

Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



Date: 23 JUN 2020 14:14:17

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

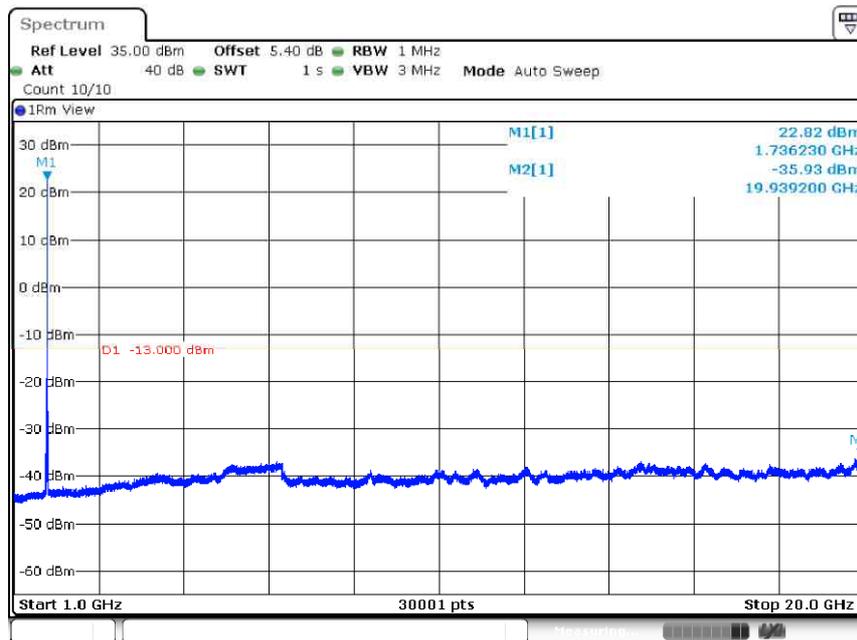
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

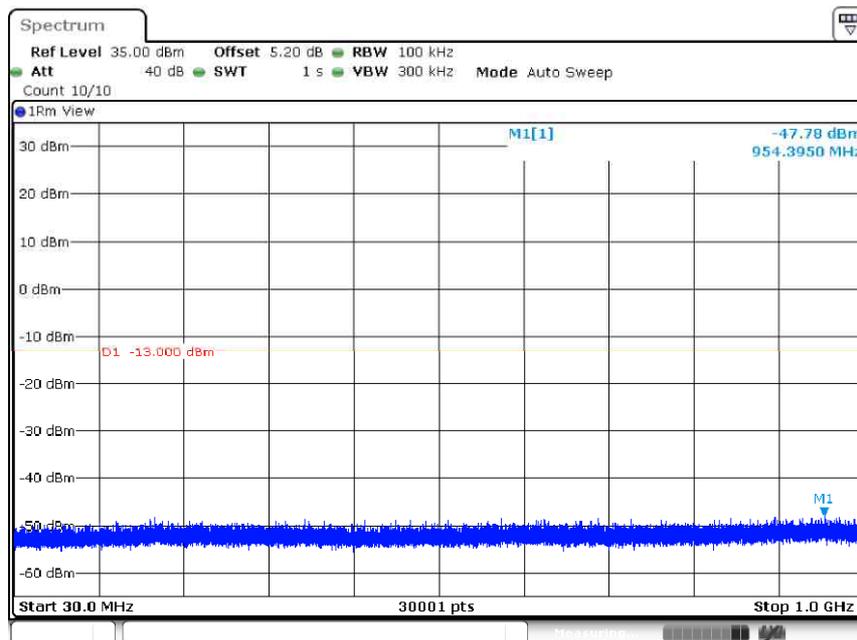
邮编 710086 sgs.china@sgs.com

Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~20000MHz



Date: 23 JUN 2020 14:14:33

Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Date: 23 JUN 2020 14:15:27

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

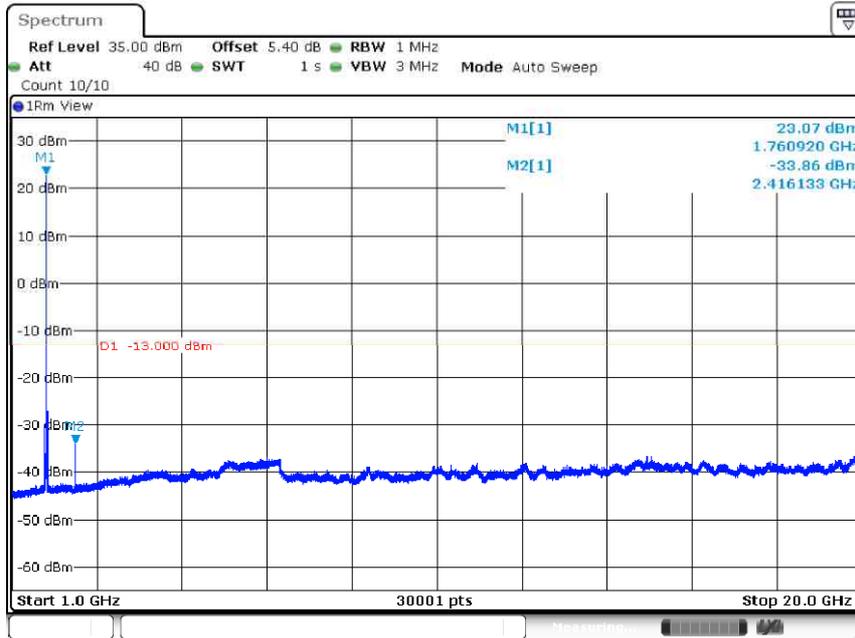
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: CN.Doccheck@sgs.com

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com

Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~20000MHz



Date: 23 JUN 2020 14:15:43

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
 Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.3096	-76.84	-13.00	63.84	Vertical
78.7449	-70.60	-13.00	57.60	Vertical
2589.5179	-37.28	-13.00	24.28	Vertical
5133.0711	-59.73	-13.00	46.73	Vertical
14491.3830	-47.35	-13.00	34.35	Vertical
17995.4999	-39.48	-13.00	26.48	Vertical
35.5778	111.3386	111.3386	111.3386	Horizontal
151.3046	496.2538	496.2538	496.2538	Horizontal
2625.9252	1412.8826	1412.8826	1412.8826	Horizontal
3422.0141	2119.8240	2119.8240	2119.8240	Horizontal
5133.5711	14468.8588	14468.8588	14468.8588	Horizontal
16385.9462	17993.3997	17993.3997	17993.3997	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
31.4066	-79.97	-13.00	66.97	Vertical
78.6964	-71.14	-13.00	58.14	Vertical
2578.7157	-36.11	-13.00	23.11	Vertical
5208.0736	-59.05	-13.00	46.05	Vertical
14500.3833	-47.06	-13.00	34.06	Vertical
17998.5000	-39.73	-13.00	26.73	Vertical
35.6263	-66.76	-13.00	53.76	Horizontal
150.8680	-86.70	-13.00	73.70	Horizontal
709.0340	-83.82	-13.00	70.82	Horizontal
2703.1406	-36.30	-13.00	23.30	Horizontal
3472.0157	-58.55	-13.00	45.55	Horizontal
16395.9465	-42.97	-13.00	29.97	Horizontal

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com



7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
78.1144	-73.21	-13.00	60.21	Vertical
2697.1394	-37.55	-13.00	24.55	Vertical
3522.0174	-58.40	-13.00	45.40	Vertical
5283.0761	-58.72	-13.00	45.72	Vertical
14718.8906	-47.05	-13.00	34.05	Vertical
17998.5000	-39.60	-13.00	26.60	Vertical
35.6748	-63.90	-13.00	50.90	Horizontal
152.8081	-86.61	-13.00	73.61	Horizontal
2701.5403	-36.34	-13.00	23.34	Horizontal
3522.5174	-58.07	-13.00	45.07	Horizontal
9315.2105	-52.61	-13.00	39.61	Horizontal
16391.4464	-43.39	-13.00	30.39	Horizontal

Remark:

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

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@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	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	6.50	0.003779	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	-0.10	-0.000058	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-2.70	-0.001547	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-5.00	-0.002865	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-4.80	-0.002751	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-12.50	-0.007062	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-7.40	-0.004181	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-9.00	-0.005085	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VL	NT	1.40	0.000814	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VN	NT	2.20	0.001279	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	VH	NT	-9.60	-0.005581	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VL	NT	-8.30	-0.004756	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VN	NT	1.60	0.000917	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	VH	NT	2.50	0.001433	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VL	NT	-8.10	-0.004576	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VN	NT	1.90	0.001073	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	VH	NT	-9.30	-0.005254	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	3.40	0.001977	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	3.10	0.001802	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	-11.80	-0.006860	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	1.00	0.000573	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VN	NT	4.70	0.002693	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-12.30	-0.007049	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	-0.30	-0.000169	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	-0.50	-0.000282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	-13.70	-0.007740	±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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

710086 www.sgs.com.cn

邮编 710086 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	1.60	0.000930	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	-0.80	-0.000465	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	-2.80	-0.001628	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	-12.30	-0.007151	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-7.80	-0.004535	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-7.60	-0.004355	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-5.10	-0.002923	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-0.90	-0.000516	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-11.00	-0.006304	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	4.60	0.002599	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-11.20	-0.006328	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-13.00	-0.007345	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	-1.10	-0.000621	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-9.70	-0.005480	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-30	-7.70	-0.004477	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	-20	-1.90	-0.001105	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	0	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	10	0.30	0.000174	±2.5	PASS
Band66	20MHz	64QAM	132072	100RB#0	NV	20	-1.60	-0.000930	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-30	-1.90	-0.001089	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	-20	-9.90	-0.005673	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	0	1.60	0.000917	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	10	-2.40	-0.001375	±2.5	PASS
Band66	20MHz	64QAM	132322	100RB#0	NV	20	-4.60	-0.002636	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-30	-1.80	-0.001017	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	-20	-1.50	-0.000847	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	0	8.90	0.005028	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	10	-4.50	-0.002542	±2.5	PASS
Band66	20MHz	64QAM	132572	100RB#0	NV	20	-3.60	-0.002034	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-30	-12.90	-0.007500	±2.5	PASS

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, Xi'an, Shaanxi, China

中国西安 沣东新城科源三路 137 号康鸿橙方科技园 1 号楼 D 单元一层

710086 www.sgs.com.cn

邮编 710086 sgs.china@sgs.com



Band66	20MHz	16QAM	132072	100RB#0	NV	-20	-9.40	-0.005465	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	1.40	0.000814	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	-7.50	-0.004360	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	-4.50	-0.002616	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-9.10	-0.005215	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-3.80	-0.002178	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-0.10	-0.000057	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	2.20	0.001261	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-4.30	-0.002464	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-8.20	-0.004633	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	2.40	0.001356	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-6.80	-0.003842	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	4.00	0.002260	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-5.80	-0.003277	±2.5	PASS

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

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

1/ F, Unit D, Building 1, Kanghong Orange Technology Park, No.137, Keyuan 3rd Road, Fengdong New City, 710086 www.sgs.com.cn
Xi'an, Shaanxi, China

中国西安沣东新城科源三路137号康鸿橙方科技园1号楼D单元一层

邮编 710086 sgs.china@sgs.com