

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 1 of 71

Appendix B.3

LTE Band 4



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 2 of 71

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	19.58	21.28	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	19.52	21.22	30.00	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	19.46	21.16	30.00	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	19.52	21.22	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	19.66	21.36	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	19.75	21.45	30.00	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	19.64	21.34	30.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	19.63	21.33	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	19.59	21.29	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	19.66	21.36	30.00	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	19.53	21.23	30.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	19.23	20.93	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	19.55	21.25	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	19.07	20.77	30.00	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	19.32	21.02	30.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	19.63	21.33	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	19.25	20.95	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	19.03	20.73	30.00	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	19.14	20.84	30.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	19.36	21.06	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	19.08	20.78	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	19.07	20.77	30.00	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	19.20	20.90	30.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	19.33	21.03	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#0	19.25	20.95	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#2	19.40	21.10	30.00	PASS
Band4	1.4MHz	64QAM	19957	1RB#5	19.63	21.33	30.00	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn

t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 3 of 71

Band4	1.4MHz	64QAM	19957	6RB#0	19.25	20.95	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#0	19.32	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#2	19.52	21.22	30.00	PASS
Band4	1.4MHz	64QAM	20175	1RB#5	19.32	21.02	30.00	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	19.45	21.15	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#0	19.36	21.06	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#2	19.45	21.15	30.00	PASS
Band4	1.4MHz	64QAM	20393	1RB#5	19.60	21.30	30.00	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	19.00	20.70	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#0	19.52	21.22	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#8	19.64	21.34	30.00	PASS
Band4	3MHz	QPSK	19965	1RB#14	19.57	21.27	30.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	19.36	21.06	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#0	19.73	21.43	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#8	19.81	21.51	30.00	PASS
Band4	3MHz	QPSK	20175	1RB#14	19.71	21.41	30.00	PASS
Band4	3MHz	QPSK	20175	15RB#0	19.52	21.22	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#0	19.64	21.34	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#8	19.81	21.51	30.00	PASS
Band4	3MHz	QPSK	20385	1RB#14	19.77	21.47	30.00	PASS
Band4	3MHz	QPSK	20385	15RB#0	19.45	21.15	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#0	19.36	21.06	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#8	19.02	20.72	30.00	PASS
Band4	3MHz	16QAM	19965	1RB#14	19.08	20.78	30.00	PASS
Band4	3MHz	16QAM	19965	15RB#0	19.44	21.14	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#0	19.15	20.85	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#8	19.45	21.15	30.00	PASS
Band4	3MHz	16QAM	20175	1RB#14	19.06	20.76	30.00	PASS
Band4	3MHz	16QAM	20175	15RB#0	19.36	21.06	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#0	19.08	20.78	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#8	19.52	21.22	30.00	PASS
Band4	3MHz	16QAM	20385	1RB#14	19.18	20.88	30.00	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 4 of 71

Band4	3MHz	16QAM	20385	15RB#0	19.41	21.11	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#0	19.60	21.30	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#8	19.63	21.33	30.00	PASS
Band4	3MHz	64QAM	19965	1RB#14	19.45	21.15	30.00	PASS
Band4	3MHz	64QAM	19965	15RB#0	19.25	20.95	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#0	19.45	21.15	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#8	19.33	21.03	30.00	PASS
Band4	3MHz	64QAM	20175	1RB#14	19.52	21.22	30.00	PASS
Band4	3MHz	64QAM	20175	15RB#0	19.45	21.15	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#0	19.32	21.02	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#8	19.54	21.24	30.00	PASS
Band4	3MHz	64QAM	20385	1RB#14	19.66	21.36	30.00	PASS
Band4	3MHz	64QAM	20385	15RB#0	19.45	21.15	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#0	19.60	21.30	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#12	19.51	21.21	30.00	PASS
Band4	5MHz	QPSK	19975	1RB#24	19.64	21.34	30.00	PASS
Band4	5MHz	QPSK	19975	25RB#0	19.63	21.33	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#0	19.74	21.44	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#12	19.73	21.43	30.00	PASS
Band4	5MHz	QPSK	20175	1RB#24	19.75	21.45	30.00	PASS
Band4	5MHz	QPSK	20175	25RB#0	19.25	20.95	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#0	19.67	21.37	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#12	19.69	21.39	30.00	PASS
Band4	5MHz	QPSK	20375	1RB#24	19.69	21.39	30.00	PASS
Band4	5MHz	QPSK	20375	25RB#0	19.54	21.24	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#0	19.36	21.06	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#12	19.13	20.83	30.00	PASS
Band4	5MHz	16QAM	19975	1RB#24	19.26	20.96	30.00	PASS
Band4	5MHz	16QAM	19975	25RB#0	19.52	21.22	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#0	19.45	21.15	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#12	19.45	21.15	30.00	PASS
Band4	5MHz	16QAM	20175	1RB#24	19.36	21.06	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 5 of 71

Band4	5MHz	16QAM	20175	25RB#0	19.25	20.95	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#0	19.05	20.75	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#12	19.19	20.89	30.00	PASS
Band4	5MHz	16QAM	20375	1RB#24	19.55	21.25	30.00	PASS
Band4	5MHz	16QAM	20375	25RB#0	19.45	21.15	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#0	19.63	21.33	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#12	19.25	20.95	30.00	PASS
Band4	5MHz	64QAM	19975	1RB#24	19.36	21.06	30.00	PASS
Band4	5MHz	64QAM	19975	25RB#0	19.32	21.02	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#0	19.41	21.11	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#12	19.25	20.95	30.00	PASS
Band4	5MHz	64QAM	20175	1RB#24	19.36	21.06	30.00	PASS
Band4	5MHz	64QAM	20175	25RB#0	19.52	21.22	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#0	19.36	21.06	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#12	19.41	21.11	30.00	PASS
Band4	5MHz	64QAM	20375	1RB#24	19.25	20.95	30.00	PASS
Band4	5MHz	64QAM	20375	25RB#0	19.11	20.81	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#0	19.47	21.17	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#24	19.64	21.34	30.00	PASS
Band4	10MHz	QPSK	20000	1RB#49	19.68	21.38	30.00	PASS
Band4	10MHz	QPSK	20000	50RB#0	19.60	21.30	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#0	19.76	21.46	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#24	19.76	21.46	30.00	PASS
Band4	10MHz	QPSK	20175	1RB#49	19.67	21.37	30.00	PASS
Band4	10MHz	QPSK	20175	50RB#0	19.33	21.03	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#0	19.59	21.29	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#24	19.69	21.39	30.00	PASS
Band4	10MHz	QPSK	20350	1RB#49	19.60	21.30	30.00	PASS
Band4	10MHz	QPSK	20350	50RB#0	19.52	21.22	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#0	19.04	20.74	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#24	19.13	20.83	30.00	PASS
Band4	10MHz	16QAM	20000	1RB#49	19.09	20.79	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 6 of 71

Band4	10MHz	16QAM	20000	50RB#0	19.32	21.02	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#0	19.14	20.84	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#24	19.07	20.77	30.00	PASS
Band4	10MHz	16QAM	20175	1RB#49	19.15	20.85	30.00	PASS
Band4	10MHz	16QAM	20175	50RB#0	19.25	20.95	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#0	19.07	20.77	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#24	19.07	20.77	30.00	PASS
Band4	10MHz	16QAM	20350	1RB#49	19.41	21.11	30.00	PASS
Band4	10MHz	16QAM	20350	50RB#0	19.25	20.95	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#0	19.52	21.22	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#24	19.36	21.06	30.00	PASS
Band4	10MHz	64QAM	20000	1RB#49	19.41	21.11	30.00	PASS
Band4	10MHz	64QAM	20000	50RB#0	19.25	20.95	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#0	19.33	21.03	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#24	19.32	21.02	30.00	PASS
Band4	10MHz	64QAM	20175	1RB#49	19.25	20.95	30.00	PASS
Band4	10MHz	64QAM	20175	50RB#0	19.45	21.15	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#0	19.63	21.33	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#24	19.54	21.24	30.00	PASS
Band4	10MHz	64QAM	20350	1RB#49	19.33	21.03	30.00	PASS
Band4	10MHz	64QAM	20350	50RB#0	19.45	21.15	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#0	19.39	21.09	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#38	19.63	21.33	30.00	PASS
Band4	15MHz	QPSK	20025	1RB#74	19.55	21.25	30.00	PASS
Band4	15MHz	QPSK	20025	75RB#0	19.36	21.06	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#0	19.62	21.32	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#38	19.57	21.27	30.00	PASS
Band4	15MHz	QPSK	20175	1RB#74	19.61	21.31	30.00	PASS
Band4	15MHz	QPSK	20175	75RB#0	19.33	21.03	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#0	19.48	21.18	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#38	19.58	21.28	30.00	PASS
Band4	15MHz	QPSK	20325	1RB#74	19.49	21.19	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 7 of 71

Band4	15MHz	QPSK	20325	75RB#0	19.45	21.15	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#0	19.36	21.06	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#38	19.55	21.25	30.00	PASS
Band4	15MHz	16QAM	20025	1RB#74	19.08	20.78	30.00	PASS
Band4	15MHz	16QAM	20025	75RB#0	19.25	20.95	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#0	19.44	21.14	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#38	19.07	20.77	30.00	PASS
Band4	15MHz	16QAM	20175	1RB#74	19.02	20.72	30.00	PASS
Band4	15MHz	16QAM	20175	75RB#0	19.45	21.15	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#0	19.03	20.73	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#38	19.07	20.77	30.00	PASS
Band4	15MHz	16QAM	20325	1RB#74	19.25	20.95	30.00	PASS
Band4	15MHz	16QAM	20325	75RB#0	19.25	20.95	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#0	19.69	21.39	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#38	19.54	21.24	30.00	PASS
Band4	15MHz	64QAM	20025	1RB#74	19.36	21.06	30.00	PASS
Band4	15MHz	64QAM	20025	75RB#0	19.54	21.24	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#0	19.28	20.98	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#38	19.29	20.99	30.00	PASS
Band4	15MHz	64QAM	20175	1RB#74	19.33	21.03	30.00	PASS
Band4	15MHz	64QAM	20175	75RB#0	19.21	20.91	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#0	19.54	21.24	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#38	19.58	21.28	30.00	PASS
Band4	15MHz	64QAM	20325	1RB#74	19.45	21.15	30.00	PASS
Band4	15MHz	64QAM	20325	75RB#0	19.63	21.33	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#0	19.36	21.06	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#49	19.48	21.18	30.00	PASS
Band4	20MHz	QPSK	20050	1RB#99	19.56	21.26	30.00	PASS
Band4	20MHz	QPSK	20050	100RB#0	19.59	21.29	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#0	19.59	21.29	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#49	19.57	21.27	30.00	PASS
Band4	20MHz	QPSK	20175	1RB#99	19.60	21.30	30.00	PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 8 of 71

Band4	20MHz	QPSK	20175	100RB#0	19.57	21.27	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#0	19.58	21.28	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#49	19.56	21.26	30.00	PASS
Band4	20MHz	QPSK	20300	1RB#99	19.61	21.31	30.00	PASS
Band4	20MHz	QPSK	20300	100RB#0	19.54	21.24	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#0	19.58	21.28	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#49	19.04	20.74	30.00	PASS
Band4	20MHz	16QAM	20050	1RB#99	19.06	20.76	30.00	PASS
Band4	20MHz	16QAM	20050	100RB#0	19.50	21.20	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#0	19.04	20.74	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#49	19.47	21.17	30.00	PASS
Band4	20MHz	16QAM	20175	1RB#99	19.60	21.30	30.00	PASS
Band4	20MHz	16QAM	20175	100RB#0	19.65	21.35	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#0	19.03	20.73	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#49	19.47	21.17	30.00	PASS
Band4	20MHz	16QAM	20300	1RB#99	19.05	20.75	30.00	PASS
Band4	20MHz	16QAM	20300	100RB#0	19.56	21.26	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#0	19.54	21.24	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#49	19.45	21.15	30.00	PASS
Band4	20MHz	64QAM	20050	1RB#99	19.62	21.32	30.00	PASS
Band4	20MHz	64QAM	20050	100RB#0	19.66	21.36	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#0	19.60	21.30	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#49	19.52	21.22	30.00	PASS
Band4	20MHz	64QAM	20175	1RB#99	19.45	21.15	30.00	PASS
Band4	20MHz	64QAM	20175	100RB#0	19.58	21.28	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#0	19.36	21.06	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#49	19.44	21.14	30.00	PASS
Band4	20MHz	64QAM	20300	1RB#99	19.25	20.95	30.00	PASS
Band4	20MHz	64QAM	20300	100RB#0	19.00	20.70	30.00	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 9 of 71

Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	20MHz	QPSK	20050	100RB#0	4.76	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.04	13	PASS
Band4	20MHz	QPSK	20300	100RB#0	5.22	13	PASS
Band4	20MHz	16QAM	20050	100RB#0	5.66	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	5.88	13	PASS
Band4	20MHz	16QAM	20300	100RB#0	6.06	13	PASS
Band4	20MHz	64QAM	20050	100RB#0	6.24	13	PASS
Band4	20MHz	64QAM	20175	100RB#0	6.50	13	PASS
Band4	20MHz	64QAM	20300	100RB#0	6.74	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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

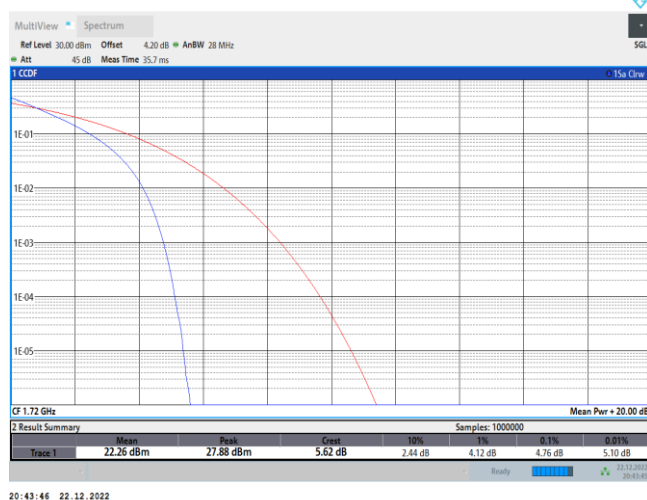
Report No.: SEWM2212000312RG01

Rev.: 01

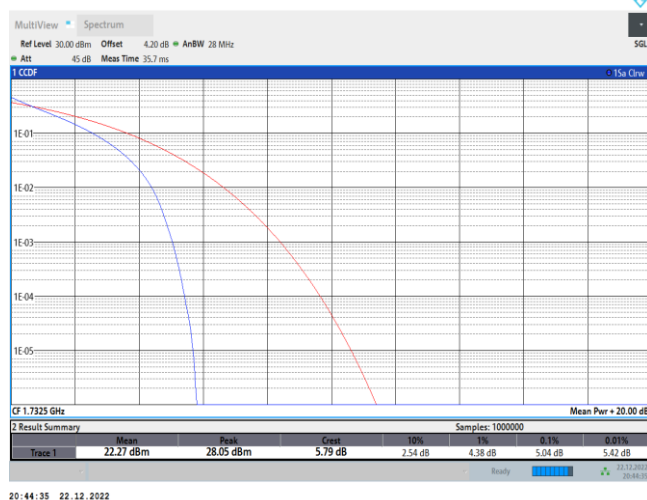
Page: 10 of 71

Test Graphs

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

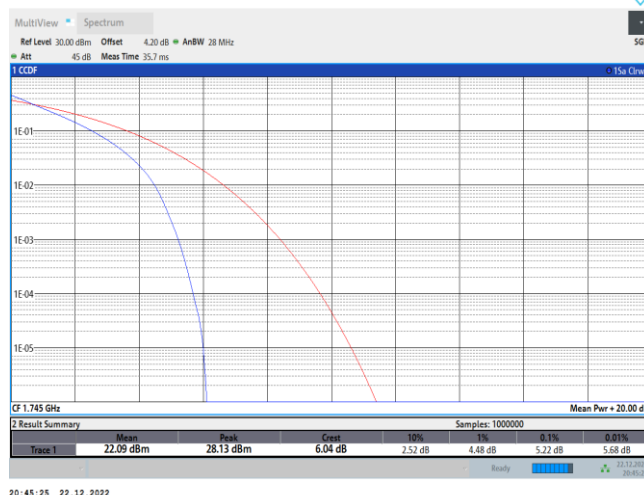
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

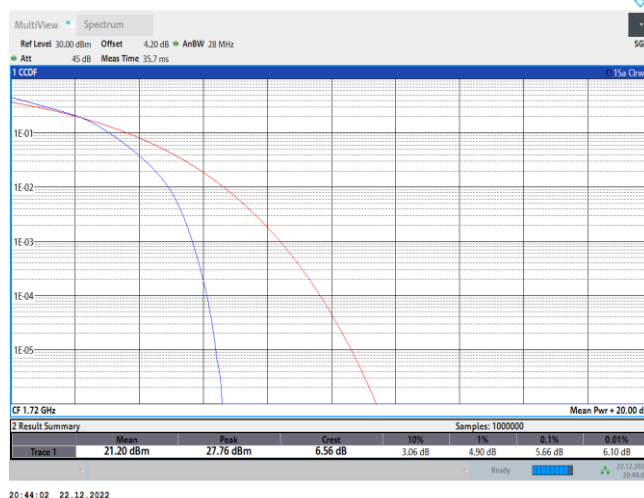
Rev.: 01

Page: 11 of 71

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



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



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

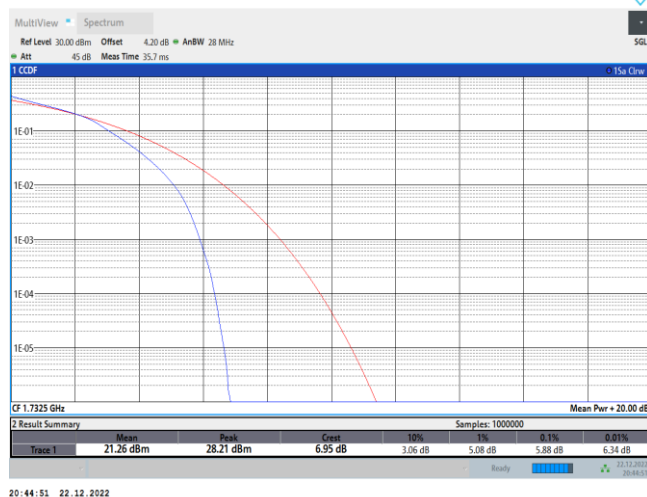
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

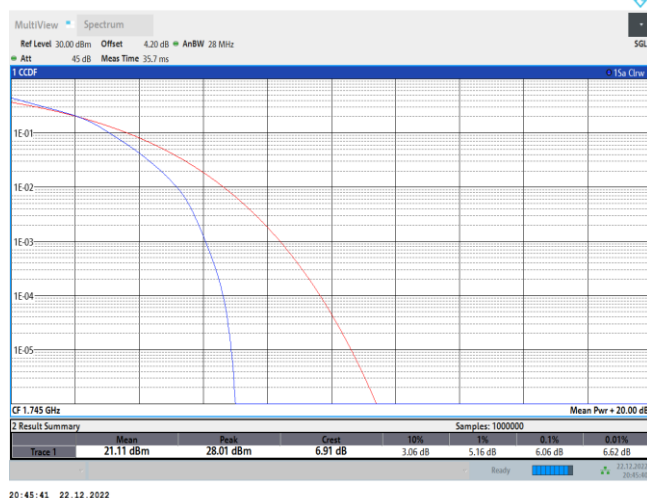
Page: 12 of 71

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



20:44:51 22.12.2022

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



20:45:41 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

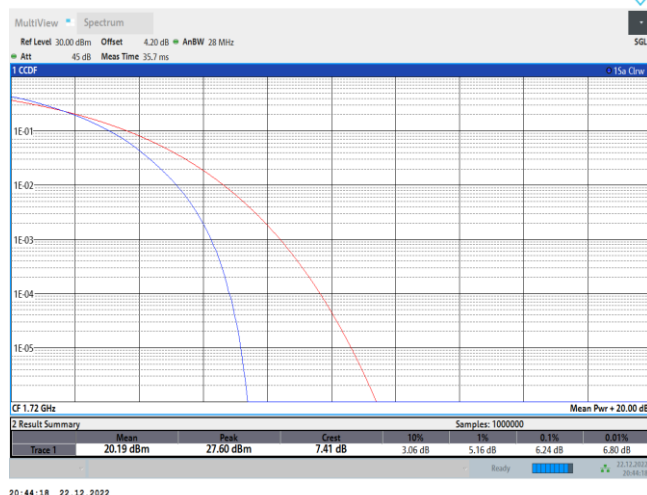
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

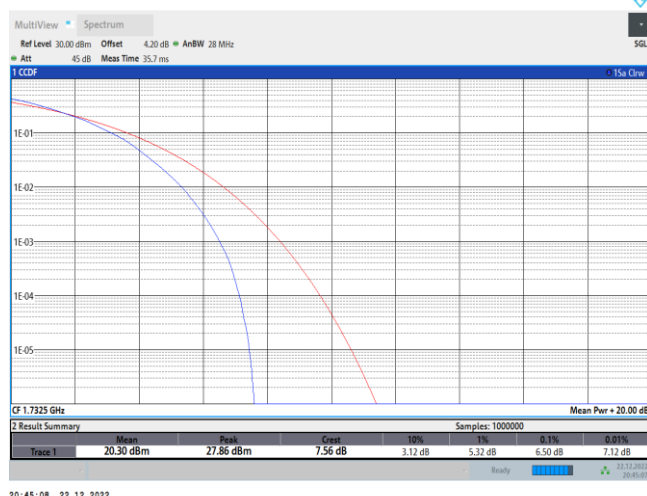
Page: 13 of 71

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



20:44:18 22.12.2022

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



20:45:08 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

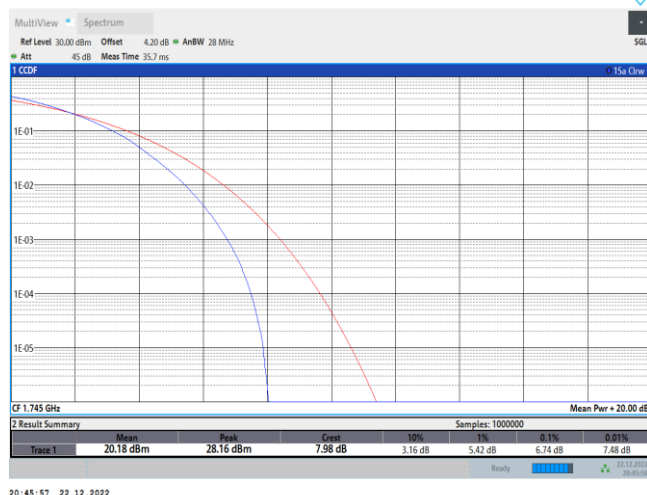
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 14 of 71

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



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000312RG01

Rev.: 01

Page: 15 of 71

Modulation Characteristics

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band4	20MHz	QPSK	20175	100RB#0	PASS	PASS
Band4	20MHz	16QAM	20175	100RB#0	PASS	PASS
Band4	20MHz	64QAM	20175	100RB#0	PASS	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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

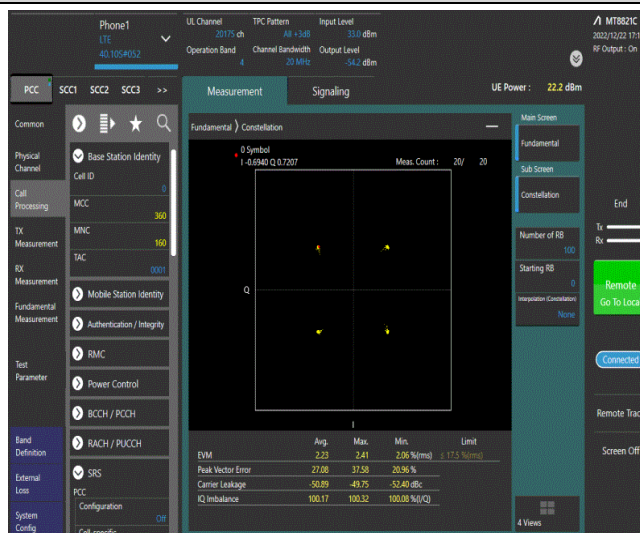
Report No.: SEWM2212000312RG01

Rev.: 01

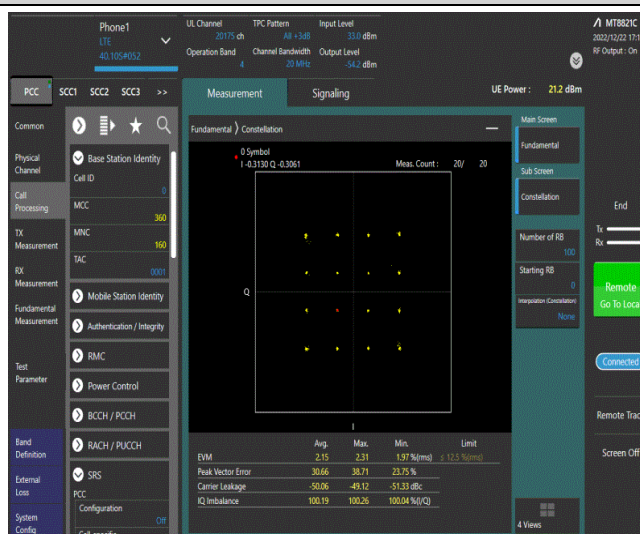
Page: 16 of 71

Test Graphs

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

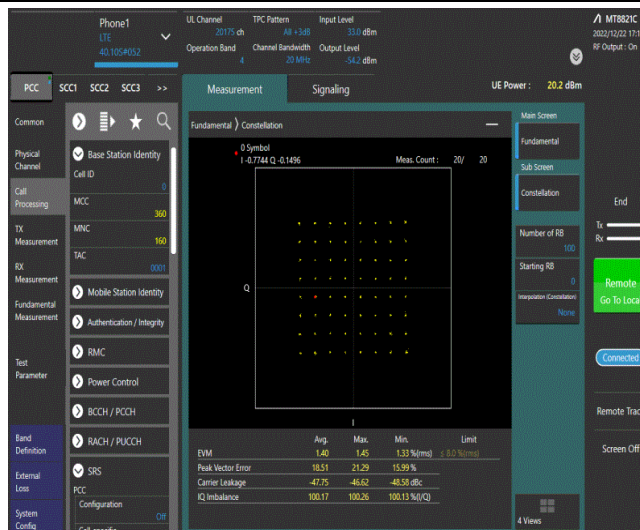
t (86-512) 62992980 www.ssgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 17 of 71

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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 18 of 71

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.091	1.23	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.098	1.23	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.079	1.21	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.092	1.24	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.092	1.24	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.092	1.24	PASS
Band4	1.4MHz	64QAM	19957	6RB#0	1.091	1.24	PASS
Band4	1.4MHz	64QAM	20175	6RB#0	1.091	1.24	PASS
Band4	1.4MHz	64QAM	20393	6RB#0	1.09	1.24	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.694	2.98	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.695	2.99	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.694	2.99	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.691	2.99	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.689	2.99	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.69	2.99	PASS
Band4	3MHz	64QAM	19965	15RB#0	2.686	2.98	PASS
Band4	3MHz	64QAM	20175	15RB#0	2.688	2.96	PASS
Band4	3MHz	64QAM	20385	15RB#0	2.691	2.98	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.473	4.88	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.476	4.89	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.474	4.90	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.469	4.89	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.47	4.91	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.472	4.90	PASS
Band4	5MHz	64QAM	19975	25RB#0	4.482	4.90	PASS
Band4	5MHz	64QAM	20175	25RB#0	4.479	4.90	PASS
Band4	5MHz	64QAM	20375	25RB#0	4.481	4.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.925	9.70	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.949	9.72	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.946	9.70	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.919	9.64	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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 19 of 71

Band4	10MHz	16QAM	20175	50RB#0	8.927	9.68	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.922	9.66	PASS
Band4	10MHz	64QAM	20000	50RB#0	8.937	9.66	PASS
Band4	10MHz	64QAM	20175	50RB#0	8.946	9.68	PASS
Band4	10MHz	64QAM	20350	50RB#0	8.936	9.70	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.459	14.73	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.483	14.76	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.461	14.79	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.452	14.73	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.473	14.85	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.445	14.73	PASS
Band4	15MHz	64QAM	20025	75RB#0	13.431	14.70	PASS
Band4	15MHz	64QAM	20175	75RB#0	13.457	14.82	PASS
Band4	15MHz	64QAM	20325	75RB#0	13.431	14.85	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.919	19.48	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.95	19.60	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.907	19.56	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.903	19.44	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.923	19.44	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.897	19.36	PASS
Band4	20MHz	64QAM	20050	100RB#0	17.921	19.44	PASS
Band4	20MHz	64QAM	20175	100RB#0	17.933	19.44	PASS
Band4	20MHz	64QAM	20300	100RB#0	17.88	19.44	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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

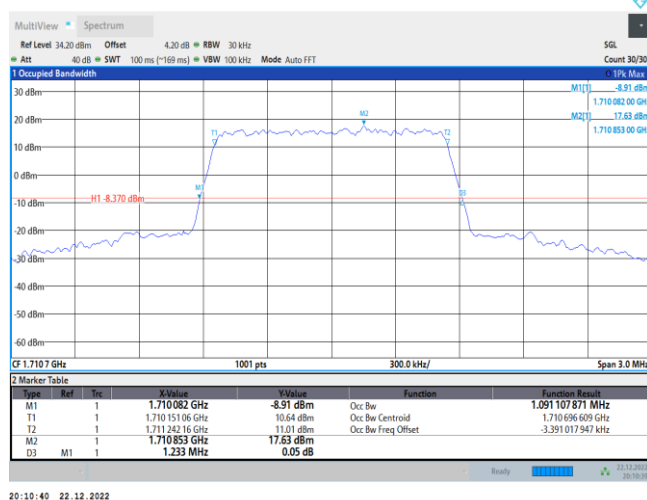
Report No.: SEWM2212000312RG01

Rev.: 01

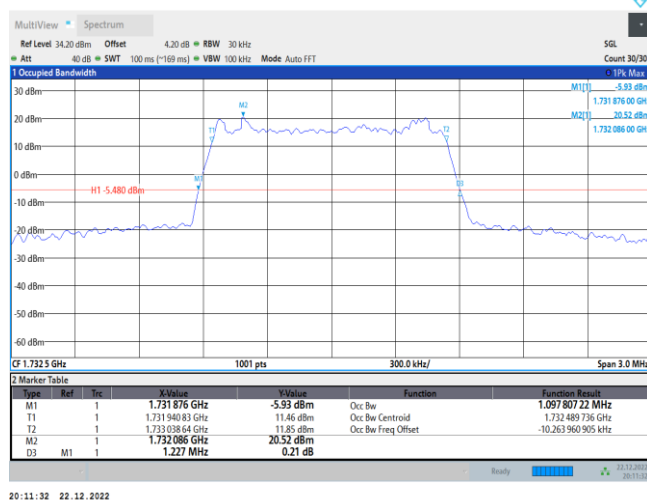
Page: 20 of 71

Test Graphs

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



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

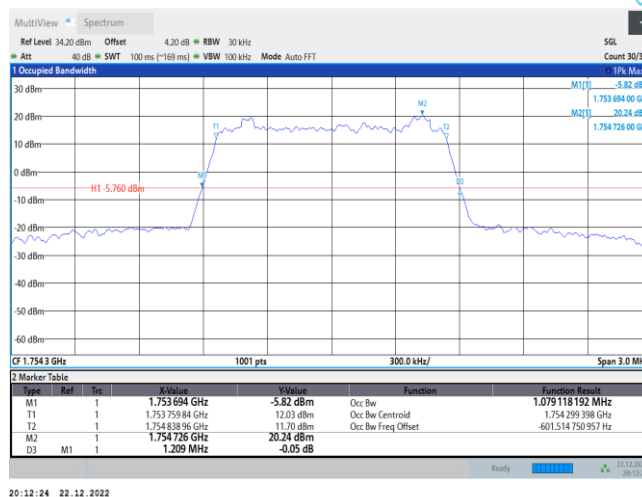


Report No.: SEWM2212000312RG01

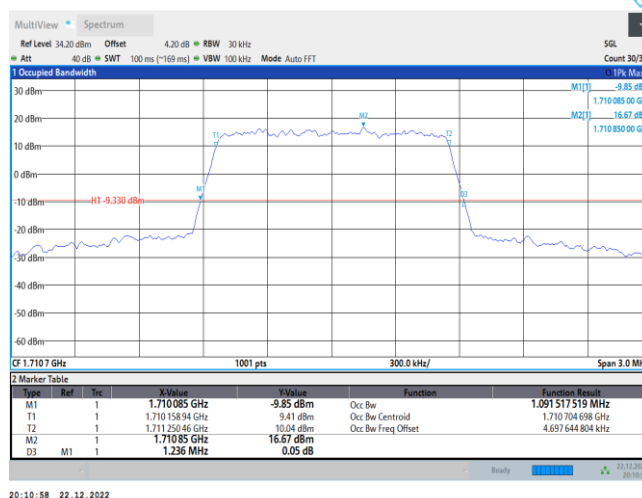
Rev.: 01

Page: 21 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

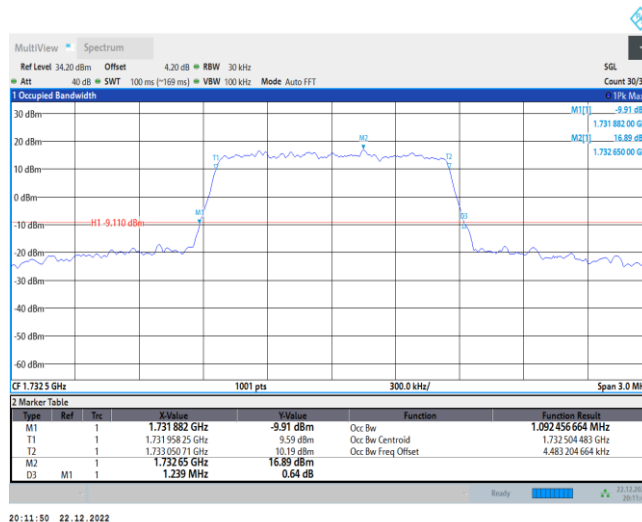
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

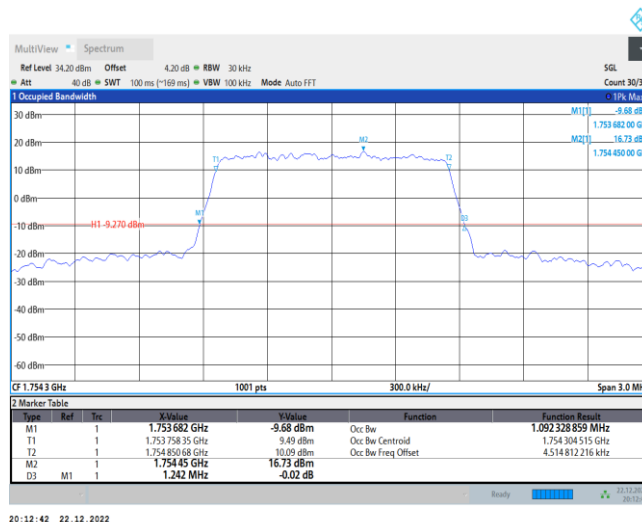
Rev.: 01

Page: 22 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

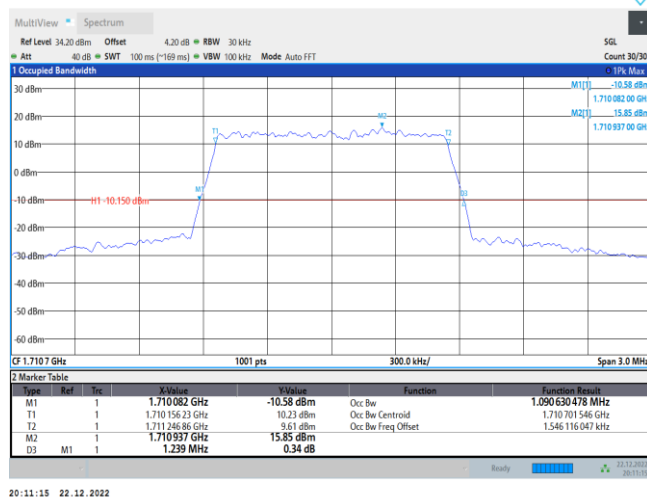
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

Page: 23 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

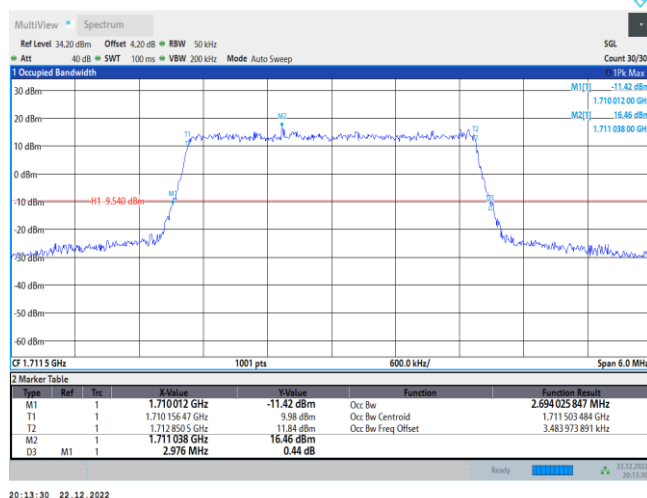
Page: 24 of 71

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



20:12:59 22.12.2022

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



20:13:30 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

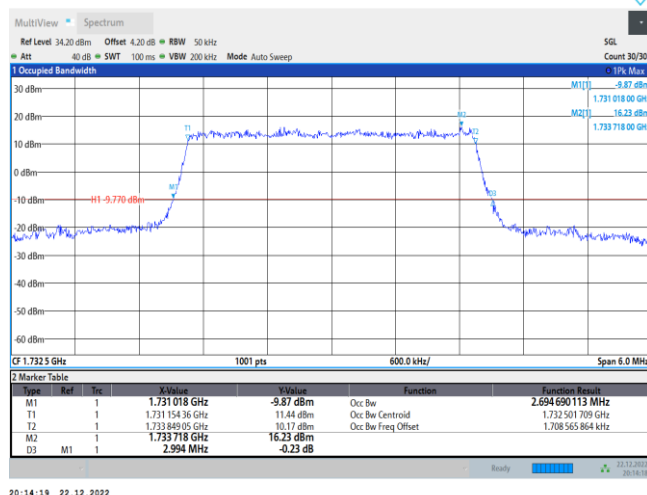
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

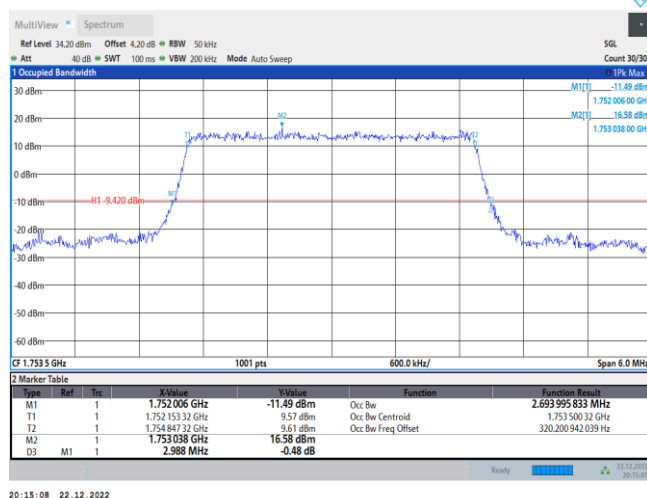
Rev.: 01

Page: 25 of 71

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



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

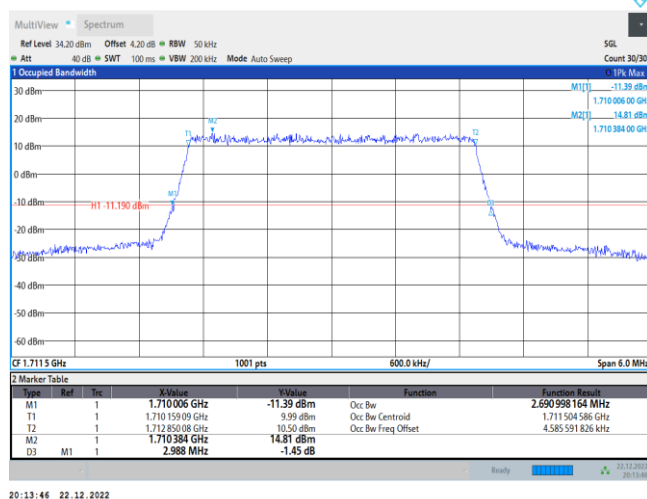


Report No.: SEWM2212000312RG01

Rev.: 01

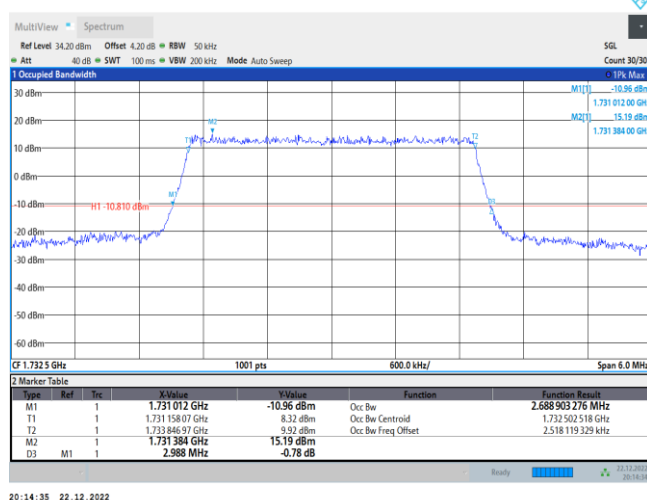
Page: 26 of 71

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



20:13:46 22.12.2022

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



20:14:35 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

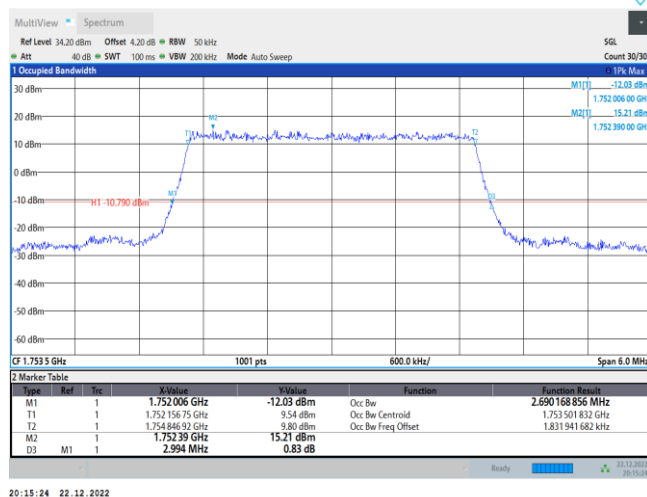
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

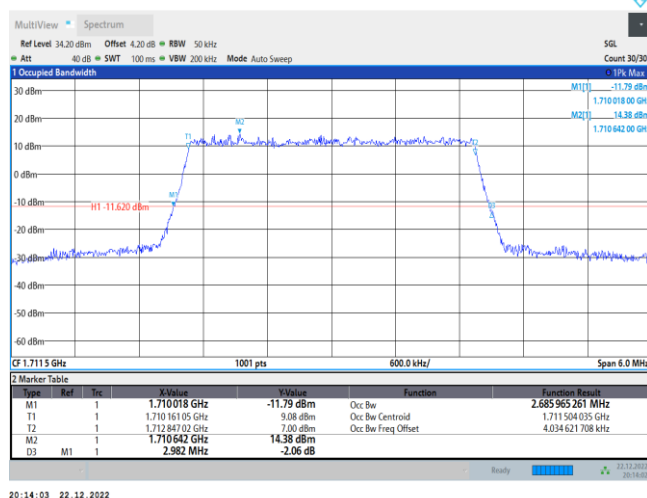
Rev.: 01

Page: 27 of 71

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



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

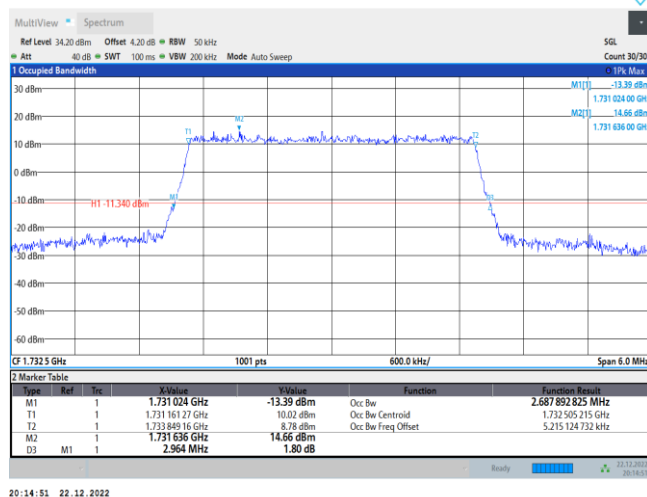


Report No.: SEWM2212000312RG01

Rev.: 01

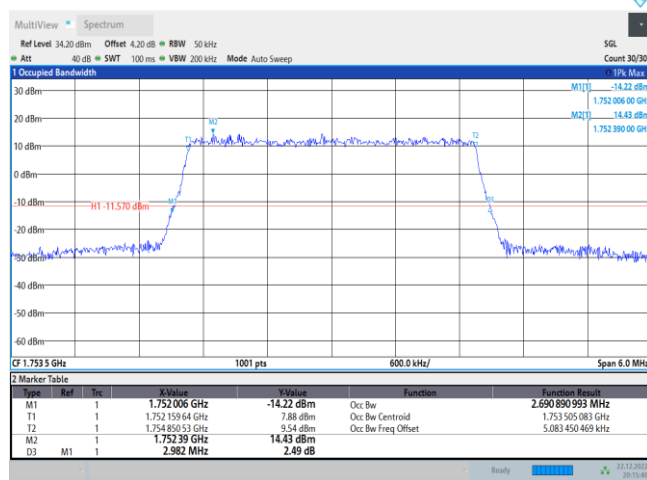
Page: 28 of 71

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



20:14:51 22.12.2022

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



20:15:40 22.12.2022

Report No.: SEWM2212000312RG01

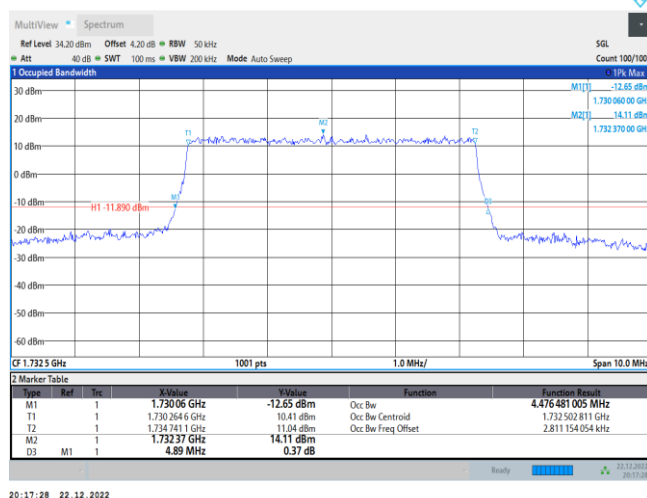
Rev.: 01

Page: 29 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

t (86-512) 62992980 www.sgs.com.cn

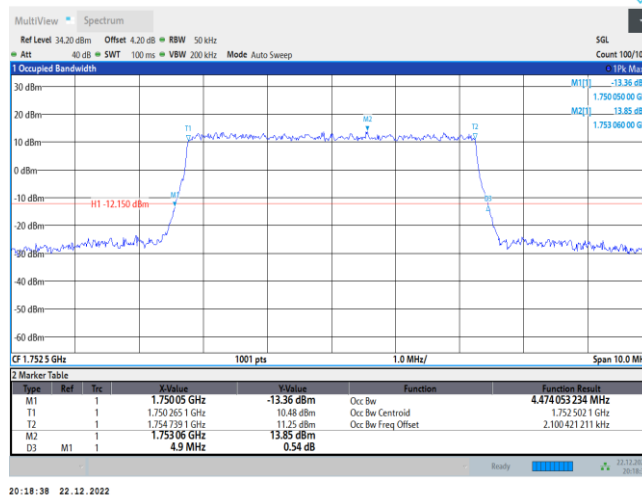
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

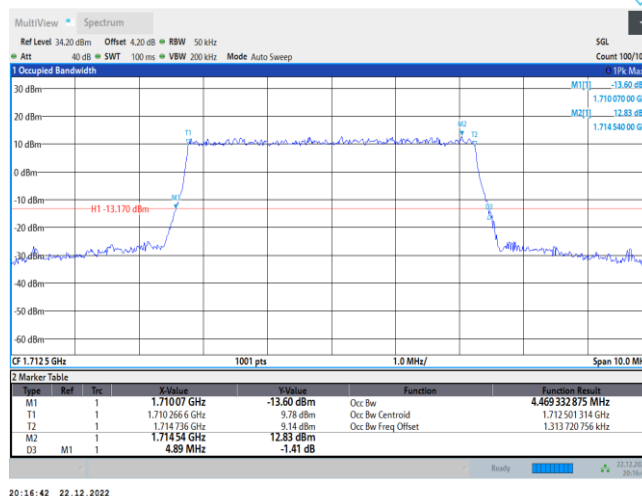
Page: 30 of 71

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



20:18:38 22.12.2022

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



20:16:42 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

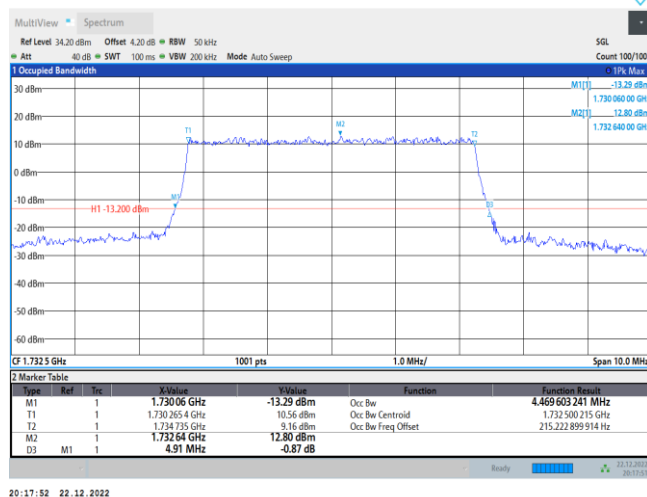
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

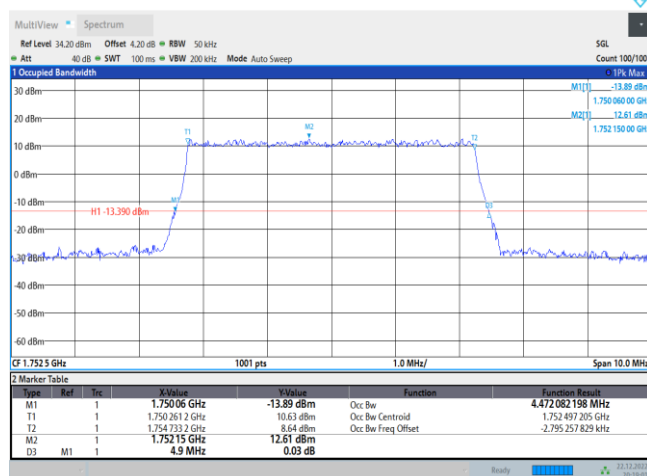
Page: 31 of 71

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



20:17:52 22.12.2022

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



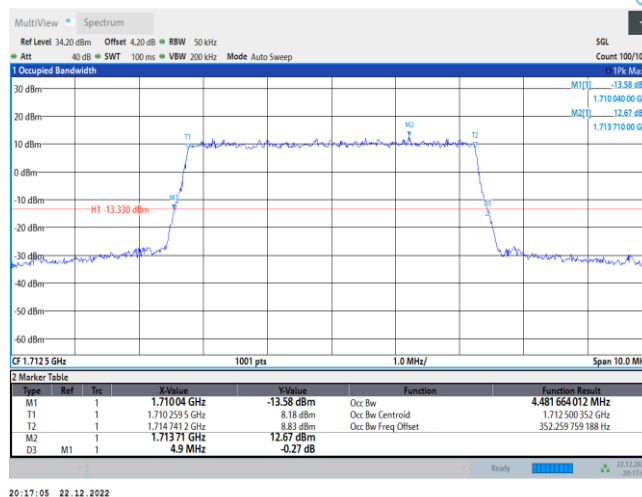
20:19:02 22.12.2022

Report No.: SEWM2212000312RG01

Rev.: 01

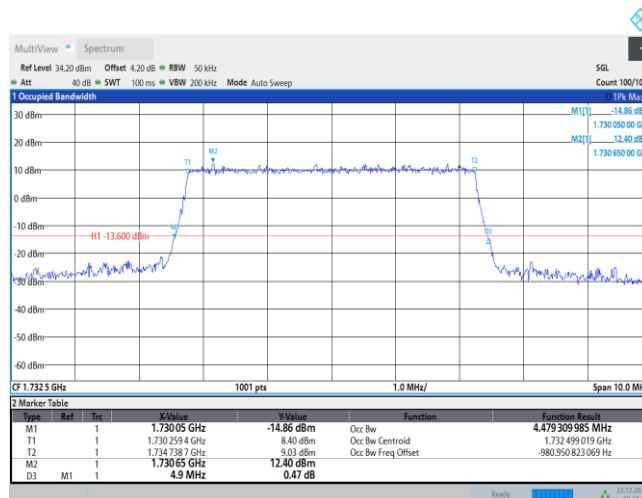
Page: 32 of 71

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



20:17:05 22.12.2022

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



20:18:15 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

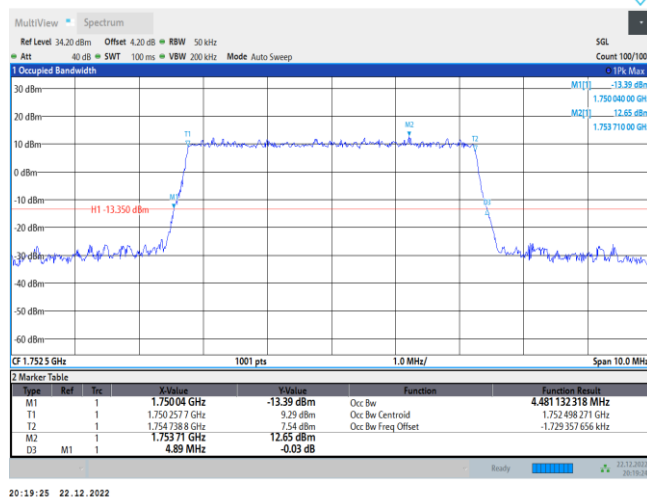
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

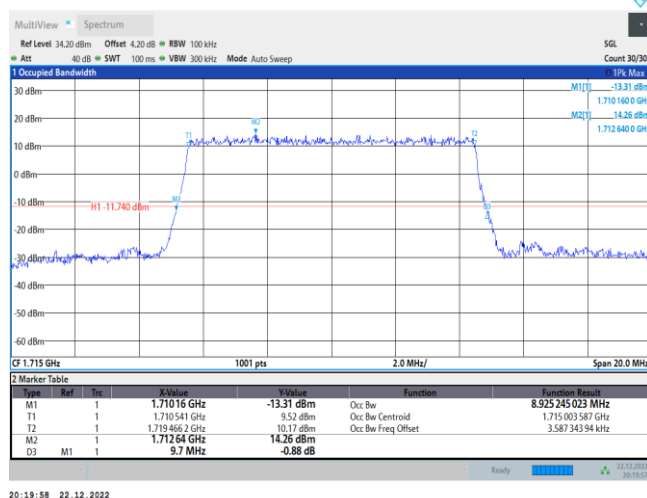
Rev.: 01

Page: 33 of 71

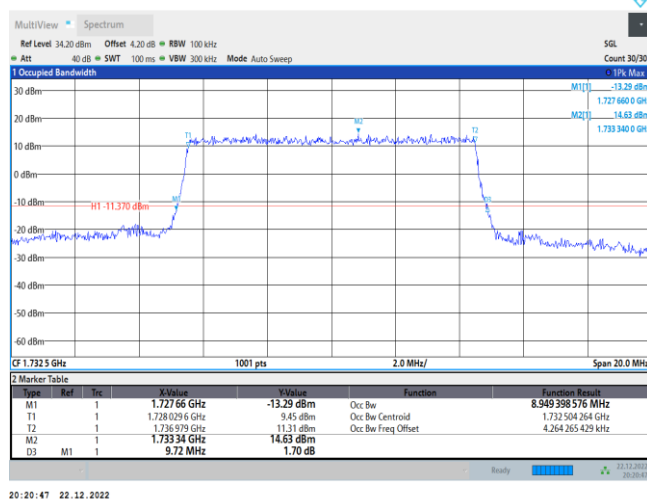
Band4-5MHz-64QAM-20375-25RB#0



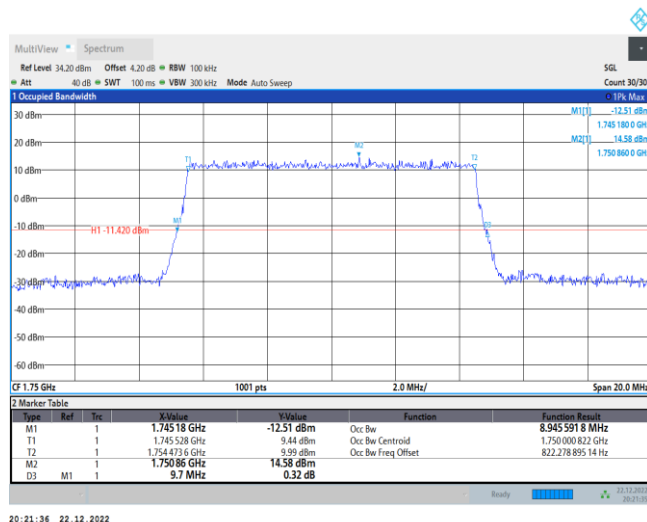
Band4-10MHz-QPSK-20000-50RB#0



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



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



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

For more information or to request a copy of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

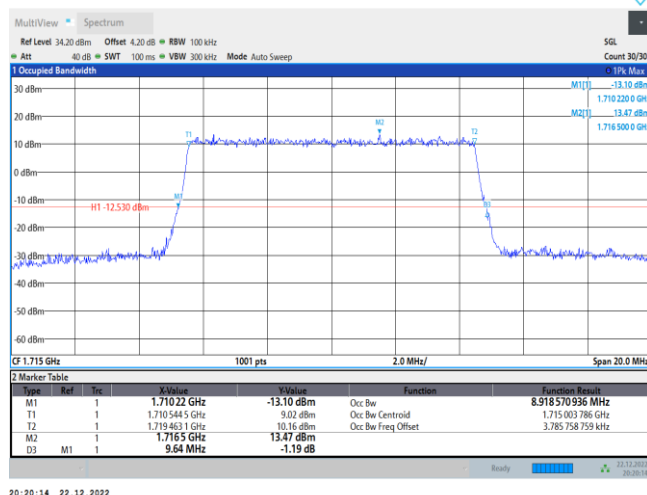
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

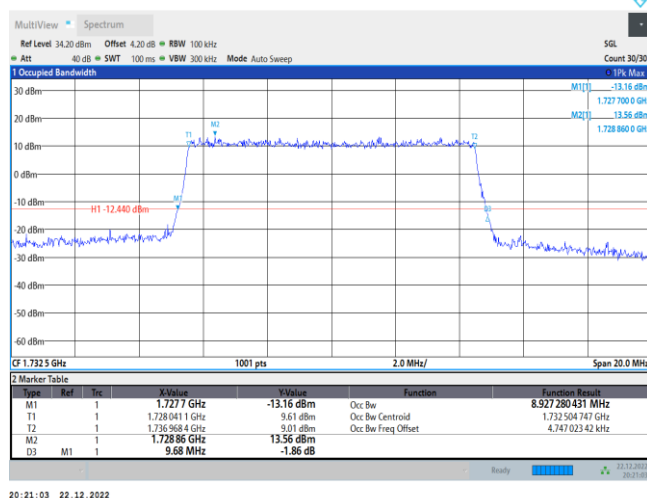
Rev.: 01

Page: 35 of 71

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



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

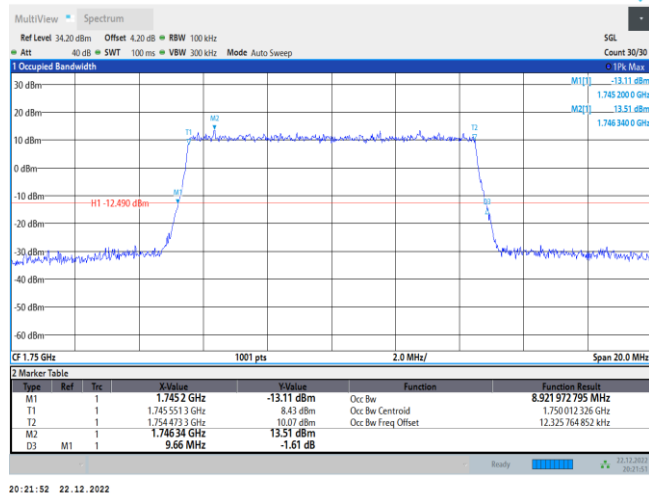


Report No.: SEWM2212000312RG01

Rev.: 01

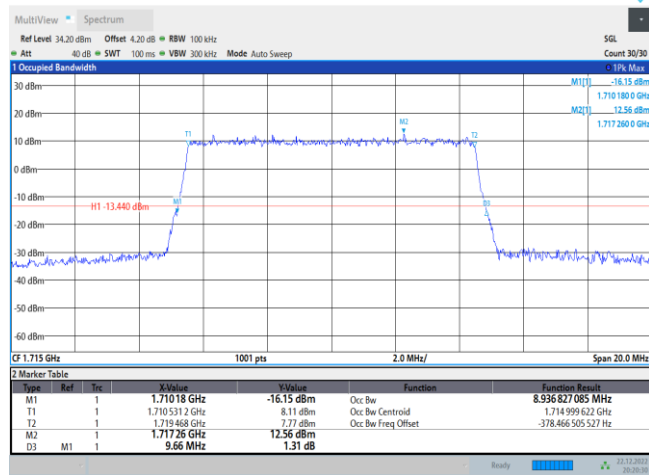
Page: 36 of 71

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



20:21:52 22.12.2022

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



20:20:31 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

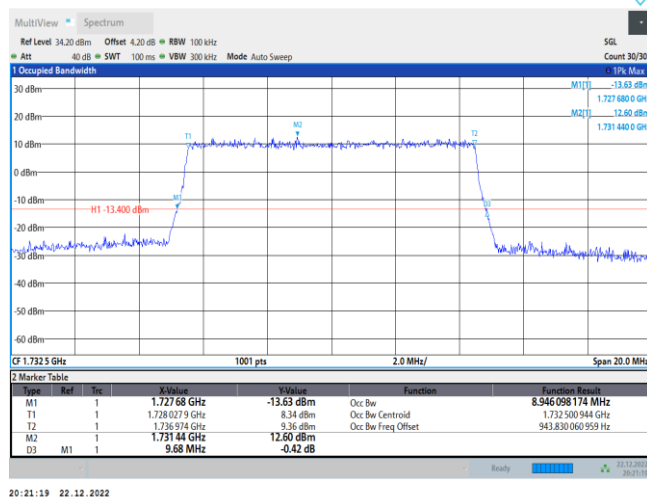
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

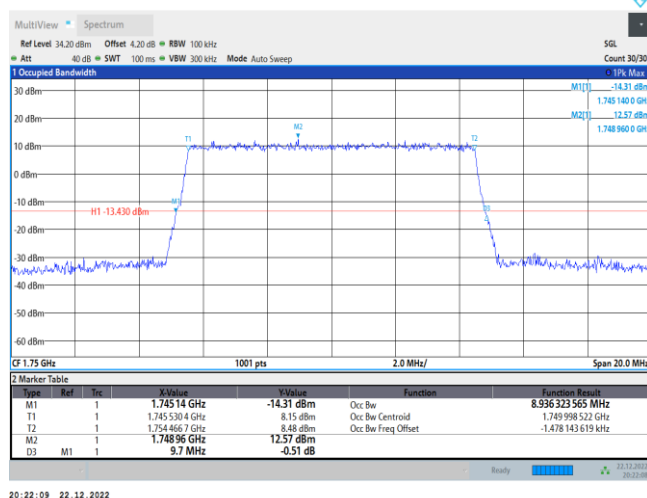
Rev.: 01

Page: 37 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

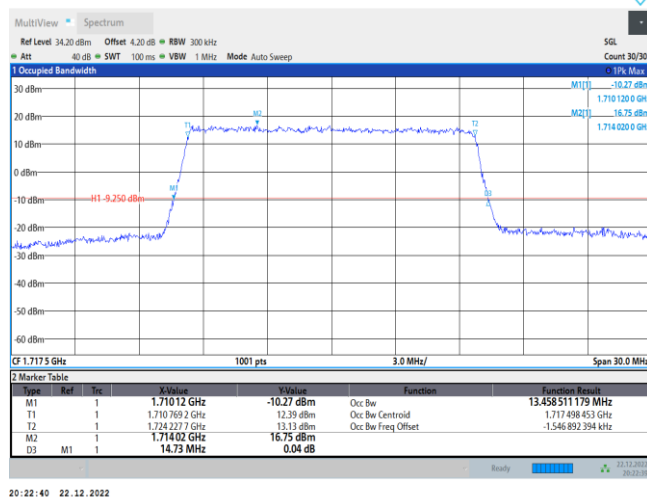
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

Rev.: 01

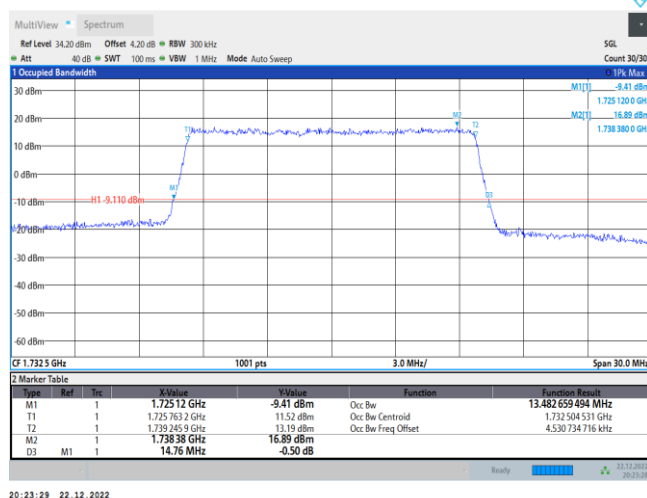
Page: 38 of 71

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



20:22:40 22.12.2022

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



20:23:29 22.12.2022



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

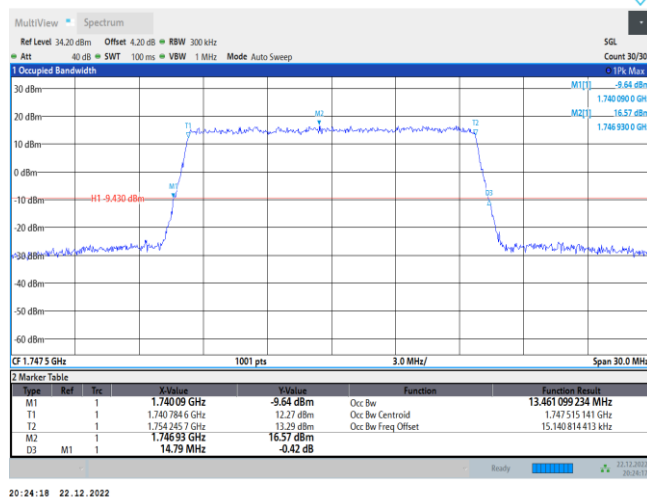
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2212000312RG01

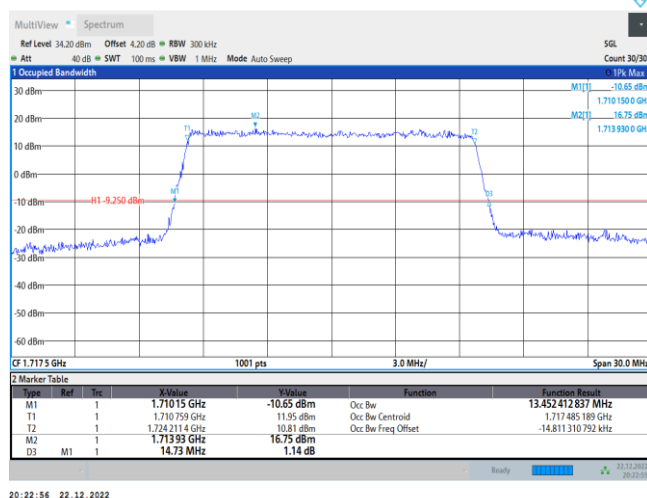
Rev.: 01

Page: 39 of 71

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



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

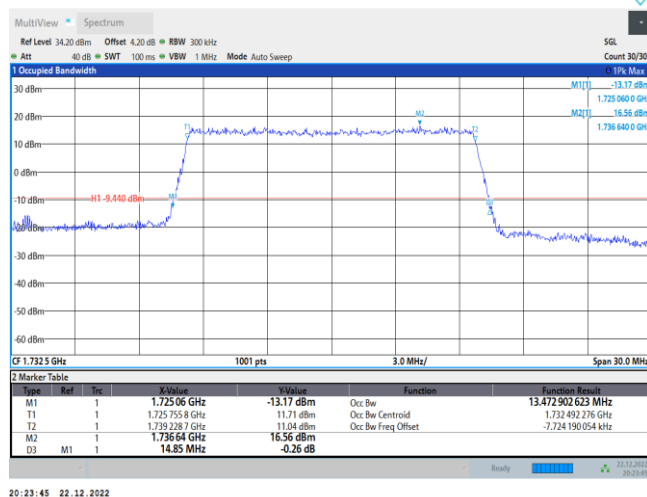


Report No.: SEWM2212000312RG01

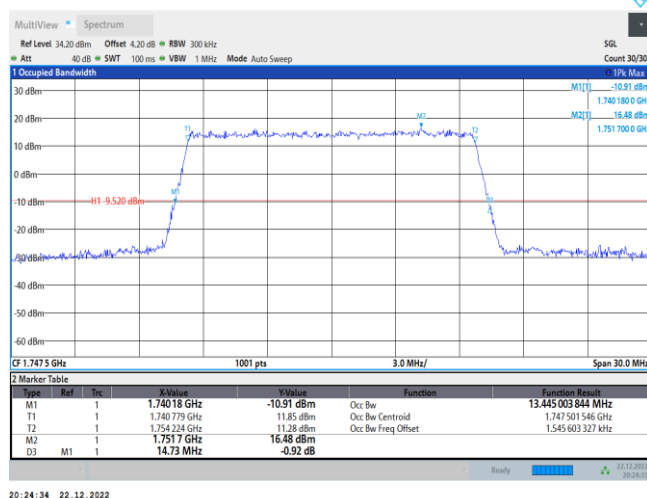
Rev.: 01

Page: 40 of 71

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



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



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com