



Report No.: SEWM2306000194RG01

Rev.: 01

Page: 1 of 18

Appendix B.12

LTE Band 19



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

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

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

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band19	5MHz	QPSK	24025	1RB#0	23.51	16.86	38.45	PASS
Band19	5MHz	QPSK	24025	1RB#12	23.56	16.91	38.45	PASS
Band19	5MHz	QPSK	24025	1RB#24	23.61	16.96	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#0	22.59	15.94	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#6	22.59	15.94	38.45	PASS
Band19	5MHz	QPSK	24025	12RB#13	22.48	15.83	38.45	PASS
Band19	5MHz	QPSK	24025	25RB#0	22.44	15.79	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#0	23.66	17.01	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#12	23.73	17.08	38.45	PASS
Band19	5MHz	QPSK	24075	1RB#24	23.74	17.09	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#0	22.62	15.97	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#6	22.61	15.96	38.45	PASS
Band19	5MHz	QPSK	24075	12RB#13	22.58	15.93	38.45	PASS
Band19	5MHz	QPSK	24075	25RB#0	22.59	15.94	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#0	23.80	17.15	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#12	23.91	17.26	38.45	PASS
Band19	5MHz	QPSK	24125	1RB#24	24.05	17.40	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#0	22.81	16.16	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#6	22.80	16.15	38.45	PASS
Band19	5MHz	QPSK	24125	12RB#13	22.84	16.19	38.45	PASS
Band19	5MHz	QPSK	24125	25RB#0	22.84	16.19	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#0	22.59	15.94	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#12	22.84	16.19	38.45	PASS
Band19	5MHz	16QAM	24025	1RB#24	22.81	16.16	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#0	21.52	14.87	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#6	21.58	14.93	38.45	PASS
Band19	5MHz	16QAM	24025	12RB#13	21.62	14.97	38.45	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.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2306000194RG01

Rev.: 01

Page: 3 of 18

Band19	5MHz	16QAM	24025	25RB#0	21.66	15.01	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#0	22.88	16.23	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#12	22.89	16.24	38.45	PASS
Band19	5MHz	16QAM	24075	1RB#24	22.96	16.31	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#0	21.79	15.14	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#6	21.80	15.15	38.45	PASS
Band19	5MHz	16QAM	24075	12RB#13	21.75	15.10	38.45	PASS
Band19	5MHz	16QAM	24075	25RB#0	21.76	15.11	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#0	22.93	16.28	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#12	23.10	16.45	38.45	PASS
Band19	5MHz	16QAM	24125	1RB#24	23.10	16.45	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#0	21.99	15.34	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#6	21.96	15.31	38.45	PASS
Band19	5MHz	16QAM	24125	12RB#13	22.04	15.39	38.45	PASS
Band19	5MHz	16QAM	24125	25RB#0	22.01	15.36	38.45	PASS
Band19	5MHz	64QAM	24025	1RB#0	21.36	14.71	38.45	PASS
Band19	5MHz	64QAM	24025	1RB#12	21.65	15.00	38.45	PASS
Band19	5MHz	64QAM	24025	1RB#24	21.97	15.32	38.45	PASS
Band19	5MHz	64QAM	24025	12RB#0	20.63	13.98	38.45	PASS
Band19	5MHz	64QAM	24025	12RB#6	20.34	13.69	38.45	PASS
Band19	5MHz	64QAM	24025	12RB#13	20.56	13.91	38.45	PASS
Band19	5MHz	64QAM	24025	25RB#0	20.71	14.06	38.45	PASS
Band19	5MHz	64QAM	24075	1RB#0	21.23	14.58	38.45	PASS
Band19	5MHz	64QAM	24075	1RB#12	21.35	14.70	38.45	PASS
Band19	5MHz	64QAM	24075	1RB#24	21.63	14.98	38.45	PASS
Band19	5MHz	64QAM	24075	12RB#0	20.86	14.21	38.45	PASS
Band19	5MHz	64QAM	24075	12RB#6	20.63	13.98	38.45	PASS
Band19	5MHz	64QAM	24075	12RB#13	20.52	13.87	38.45	PASS
Band19	5MHz	64QAM	24075	25RB#0	20.41	13.76	38.45	PASS
Band19	5MHz	64QAM	24125	1RB#0	21.69	15.04	38.45	PASS
Band19	5MHz	64QAM	24125	1RB#12	22.12	15.47	38.45	PASS
Band19	5MHz	64QAM	24125	1RB#24	21.98	15.33	38.45	PASS
Band19	5MHz	64QAM	24125	12RB#0	20.56	13.91	38.45	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: QN.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.: SEWM2306000194RG01

Rev.: 01

Page: 4 of 18

Band19	5MHz	64QAM	24125	12RB#6	20.74	14.09	38.45	PASS
Band19	5MHz	64QAM	24125	12RB#13	20.56	13.91	38.45	PASS
Band19	5MHz	64QAM	24125	25RB#0	21.13	14.48	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#0	23.49	16.84	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#24	23.63	16.98	38.45	PASS
Band19	10MHz	QPSK	24050	1RB#49	23.76	17.11	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#0	22.44	15.79	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#12	22.51	15.86	38.45	PASS
Band19	10MHz	QPSK	24050	25RB#25	22.56	15.91	38.45	PASS
Band19	10MHz	QPSK	24050	50RB#0	22.52	15.87	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#0	23.57	16.92	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#24	23.70	17.05	38.45	PASS
Band19	10MHz	QPSK	24075	1RB#49	23.85	17.20	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#0	22.50	15.85	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#12	22.61	15.96	38.45	PASS
Band19	10MHz	QPSK	24075	25RB#25	22.64	15.99	38.45	PASS
Band19	10MHz	QPSK	24075	50RB#0	22.61	15.96	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#0	23.66	17.01	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#24	23.75	17.10	38.45	PASS
Band19	10MHz	QPSK	24100	1RB#49	24.00	17.35	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#0	22.72	16.07	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#12	22.71	16.06	38.45	PASS
Band19	10MHz	QPSK	24100	25RB#25	22.73	16.08	38.45	PASS
Band19	10MHz	QPSK	24100	50RB#0	22.75	16.10	38.45	PASS
Band19	10MHz	16QAM	24050	1RB#0	22.63	15.98	38.45	PASS
Band19	10MHz	16QAM	24050	1RB#24	22.83	16.18	38.45	PASS
Band19	10MHz	16QAM	24050	1RB#49	22.92	16.27	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#0	21.59	14.94	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#12	21.70	15.05	38.45	PASS
Band19	10MHz	16QAM	24050	25RB#25	21.77	15.12	38.45	PASS
Band19	10MHz	16QAM	24050	50RB#0	21.67	15.02	38.45	PASS
Band19	10MHz	16QAM	24075	1RB#0	22.62	15.97	38.45	PASS
Band19	10MHz	16QAM	24075	1RB#24	22.82	16.17	38.45	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: QN.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.: SEWM2306000194RG01

Rev.: 01

Page: 5 of 18

Band19	10MHz	16QAM	24075	1RB#49	23.08	16.43	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#0	21.74	15.09	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#12	21.76	15.11	38.45	PASS
Band19	10MHz	16QAM	24075	25RB#25	21.79	15.14	38.45	PASS
Band19	10MHz	16QAM	24075	50RB#0	21.79	15.14	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#0	22.85	16.20	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#24	22.97	16.32	38.45	PASS
Band19	10MHz	16QAM	24100	1RB#49	23.13	16.48	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#0	21.89	15.24	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#12	21.93	15.28	38.45	PASS
Band19	10MHz	16QAM	24100	25RB#25	21.94	15.29	38.45	PASS
Band19	10MHz	16QAM	24100	50RB#0	21.95	15.30	38.45	PASS
Band19	10MHz	64QAM	24050	1RB#0	21.57	14.92	38.45	PASS
Band19	10MHz	64QAM	24050	1RB#24	21.65	15.00	38.45	PASS
Band19	10MHz	64QAM	24050	1RB#49	21.71	15.06	38.45	PASS
Band19	10MHz	64QAM	24050	25RB#0	20.23	13.58	38.45	PASS
Band19	10MHz	64QAM	24050	25RB#12	20.32	13.67	38.45	PASS
Band19	10MHz	64QAM	24050	25RB#25	20.41	13.76	38.45	PASS
Band19	10MHz	64QAM	24050	50RB#0	20.36	13.71	38.45	PASS
Band19	10MHz	64QAM	24075	1RB#0	21.23	14.58	38.45	PASS
Band19	10MHz	64QAM	24075	1RB#24	21.44	14.79	38.45	PASS
Band19	10MHz	64QAM	24075	1RB#49	22.36	15.71	38.45	PASS
Band19	10MHz	64QAM	24075	25RB#0	20.65	14.00	38.45	PASS
Band19	10MHz	64QAM	24075	25RB#12	20.44	13.79	38.45	PASS
Band19	10MHz	64QAM	24075	25RB#25	20.29	13.64	38.45	PASS
Band19	10MHz	64QAM	24075	50RB#0	20.36	13.71	38.45	PASS
Band19	10MHz	64QAM	24100	1RB#0	21.53	14.88	38.45	PASS
Band19	10MHz	64QAM	24100	1RB#24	21.41	14.76	38.45	PASS
Band19	10MHz	64QAM	24100	1RB#49	22.56	15.91	38.45	PASS
Band19	10MHz	64QAM	24100	25RB#0	20.63	13.98	38.45	PASS
Band19	10MHz	64QAM	24100	25RB#12	20.45	13.80	38.45	PASS
Band19	10MHz	64QAM	24100	25RB#25	20.69	14.04	38.45	PASS
Band19	10MHz	64QAM	24100	50RB#0	20.58	13.93	38.45	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: QN.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.: SEWM2306000194RG01

Rev.: 01

Page: 6 of 18

Band19	15MHz	QPSK	24075	1RB#0	23.28	16.63	38.45	PASS
Band19	15MHz	QPSK	24075	1RB#38	23.56	16.91	38.45	PASS
Band19	15MHz	QPSK	24075	1RB#74	23.77	17.12	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#0	23.32	16.67	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#18	23.50	16.85	38.45	PASS
Band19	15MHz	QPSK	24075	38RB#37	23.57	16.92	38.45	PASS
Band19	15MHz	QPSK	24075	75RB#0	22.45	15.80	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#0	22.63	15.98	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#38	22.83	16.18	38.45	PASS
Band19	15MHz	16QAM	24075	1RB#74	22.92	16.27	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#0	21.59	14.94	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#18	21.70	15.05	38.45	PASS
Band19	15MHz	16QAM	24075	38RB#37	21.77	15.12	38.45	PASS
Band19	15MHz	16QAM	24075	75RB#0	21.67	15.02	38.45	PASS
Band19	15MHz	64QAM	24075	1RB#0	21.56	14.91	38.45	PASS
Band19	15MHz	64QAM	24075	1RB#38	21.75	15.10	38.45	PASS
Band19	15MHz	64QAM	24075	1RB#74	21.69	15.04	38.45	PASS
Band19	15MHz	64QAM	24075	38RB#0	20.63	13.98	38.45	PASS
Band19	15MHz	64QAM	24075	38RB#18	20.57	13.92	38.45	PASS
Band19	15MHz	64QAM	24075	38RB#37	20.42	13.77	38.45	PASS
Band19	15MHz	64QAM	24075	75RB#0	20.38	13.73	38.45	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.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band19	5MHz	QPSK	24025	25RB#0	4.487	5.15	PASS
Band19	5MHz	16QAM	24025	25RB#0	4.487	4.97	PASS
Band19	5MHz	64QAM	24025	25RB#0	4.488	4.98	PASS
Band19	5MHz	QPSK	24075	25RB#0	4.487	4.97	PASS
Band19	5MHz	16QAM	24075	25RB#0	4.484	4.99	PASS
Band19	5MHz	64QAM	24075	25RB#0	4.484	5.00	PASS
Band19	5MHz	QPSK	24125	25RB#0	4.485	4.97	PASS
Band19	5MHz	16QAM	24125	25RB#0	4.485	5.02	PASS
Band19	5MHz	64QAM	24125	25RB#0	4.488	5.01	PASS
Band19	10MHz	QPSK	24050	50RB#0	8.985	9.83	PASS
Band19	10MHz	16QAM	24050	50RB#0	8.956	9.83	PASS
Band19	10MHz	64QAM	24050	50RB#0	8.949	9.73	PASS
Band19	10MHz	QPSK	24075	50RB#0	8.996	9.80	PASS
Band19	10MHz	16QAM	24075	50RB#0	8.948	9.83	PASS
Band19	10MHz	64QAM	24075	50RB#0	8.941	9.83	PASS
Band19	10MHz	QPSK	24100	50RB#0	8.98	9.80	PASS
Band19	10MHz	16QAM	24100	50RB#0	8.956	9.87	PASS
Band19	10MHz	64QAM	24100	50RB#0	8.941	9.83	PASS
Band19	15MHz	QPSK	24075	75RB#0	13.466	14.75	PASS
Band19	15MHz	16QAM	24075	75RB#0	13.447	14.90	PASS
Band19	15MHz	64QAM	24075	75RB#0	13.450	14.80	PASS

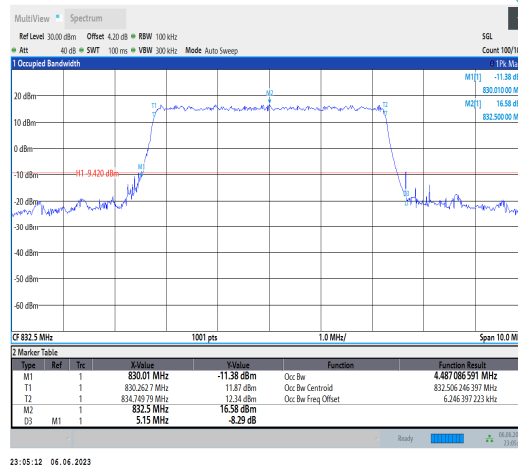


Report No.: SEWM2306000194RG01

Rev.: 01

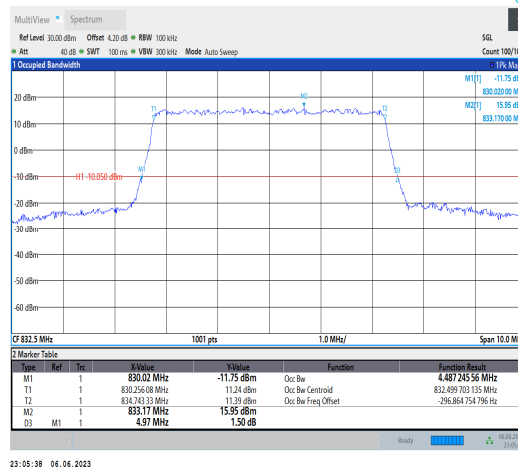
Page: 8 of 18

Test Graphs



23:05:12 06.06.2023

Band19-5MHz-QPSK-24025-25RB#0



23:05:38 06.06.2023

Band19-5MHz-16QAM-24025-25RB#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号厂房南部 邮编: 215000

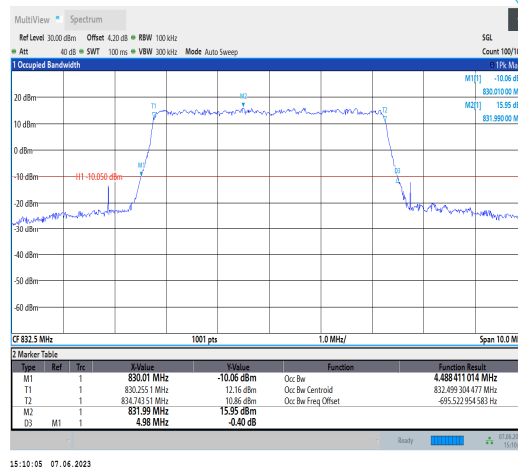
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com



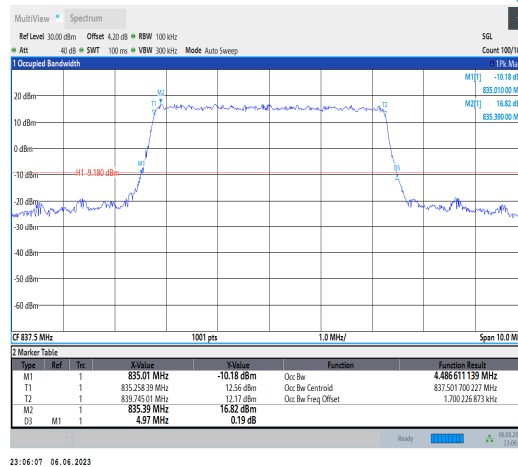
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 9 of 18



Band19-5MHz-64QAM-24025-25RB#0



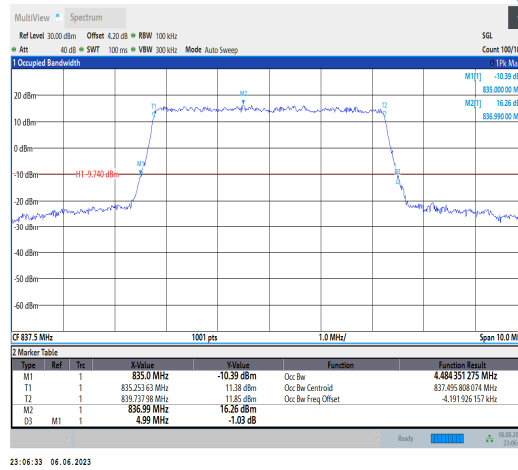
Band19-5MHz-QPSK-24075-25RB#0



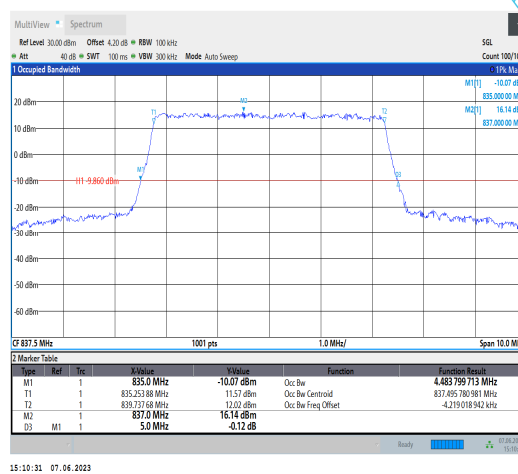
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 10 of 18



Band19-5MHz-16QAM-24075-25RB#0



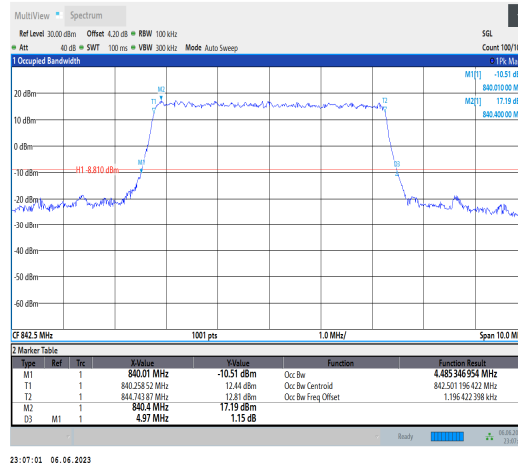
Band19-5MHz-64QAM-24075-25RB#0



Report No.: SEWM2306000194RG01

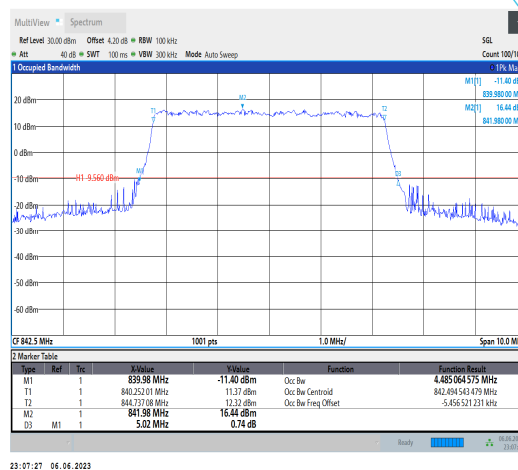
Rev.: 01

Page: 11 of 18



23:07:01 06.06.2023

Band19-5MHz-QPSK-24125-25RB#0



23:07:27 06.06.2023

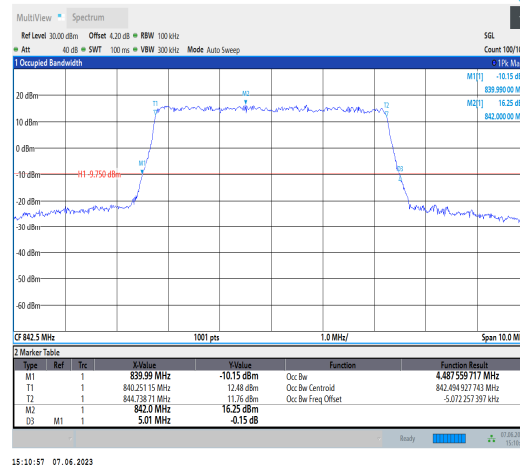
Band19-5MHz-16QAM-24125-25RB#0



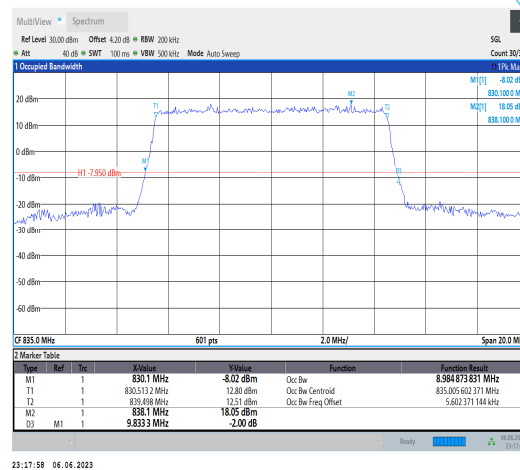
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 12 of 18



Band19-5MHz-64QAM-24125-25RB#0



Band19-10MHz-QPSK-24050-50RB#0

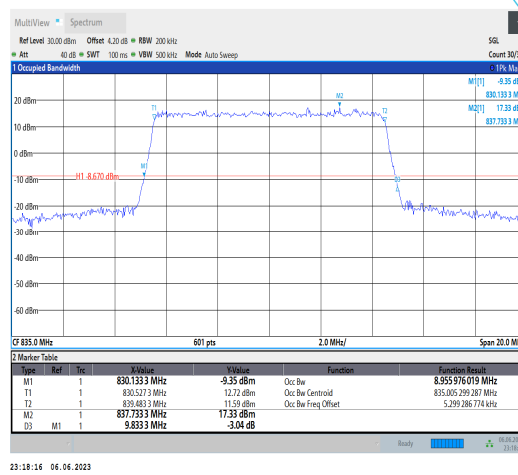




Report No.: SEWM2306000194RG01

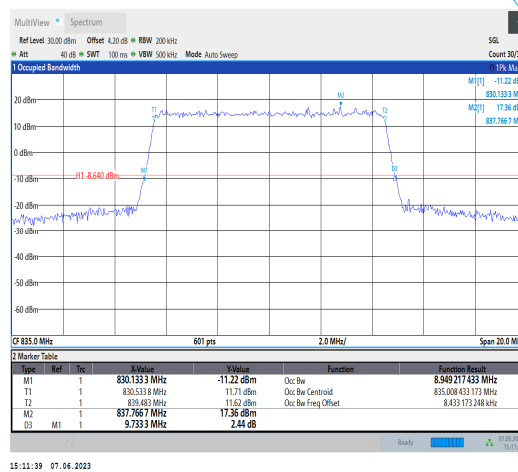
Rev.: 01

Page: 13 of 18



23:18:16 06.06.2023

Band19-10MHz-16QAM-24050-50RB#0



15:11:39 07.06.2023

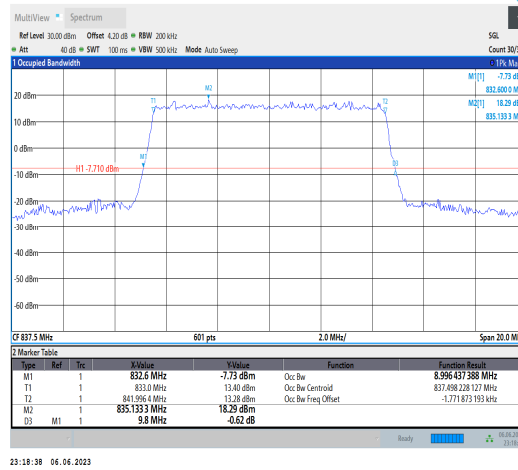
Band19-10MHz-64QAM-24050-50RB#0



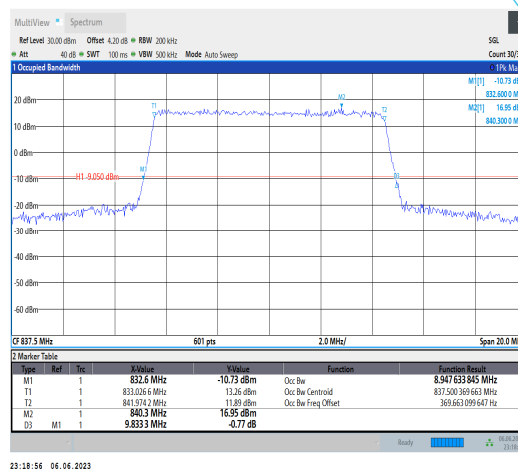
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 14 of 18



Band19-10MHz-QPSK-24075-50RB#0



Band19-10MHz-16QAM-24075-50RB#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号厂房南楼 邮编: 215000

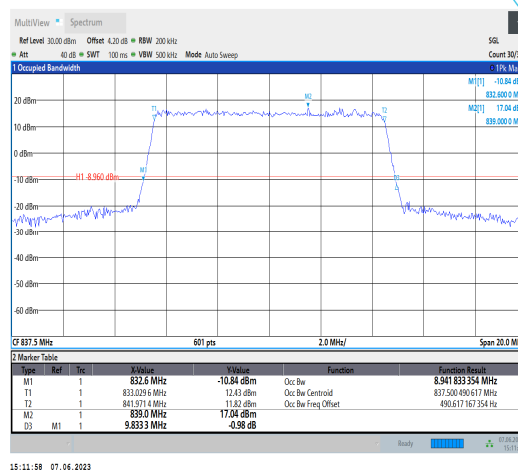
t (86-512) 62992980 www.sgsgr.com.cn
t (86-512) 62992980 sgs.china@sgs.com



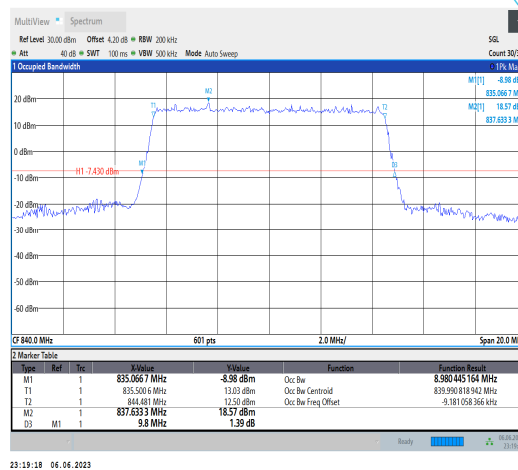
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 15 of 18



Band19-10MHz-64QAM-24075-50RB#



Band19-10MHz-QPSK-24100-50RB#



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

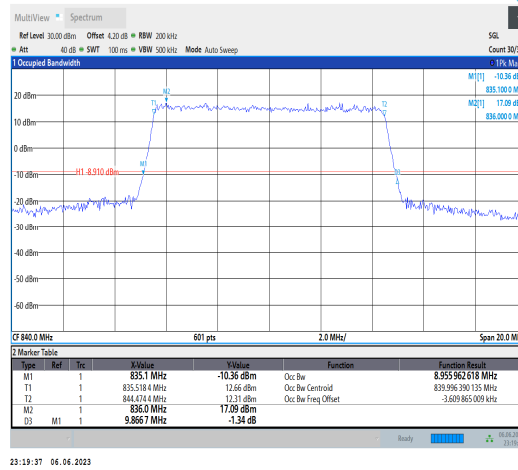
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com

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.: SEWM2306000194RG01

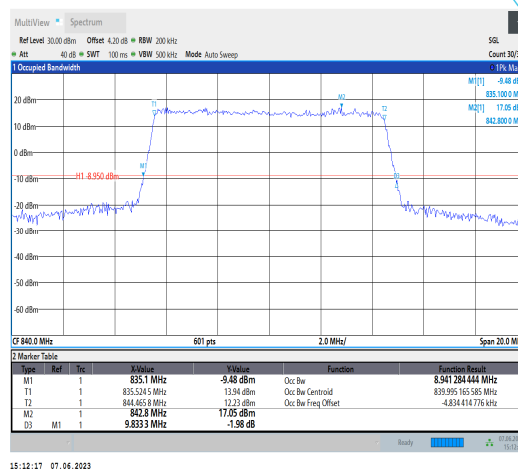
Rev.: 01

Page: 16 of 18



23:19:37 06.06.2023

Band19-10MHz-16QAM-24100-50RB#0



15:12:17 07.06.2023

Band19-10MHz-64QAM-24100-50RB#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: QN.Doccheck@sgs.com

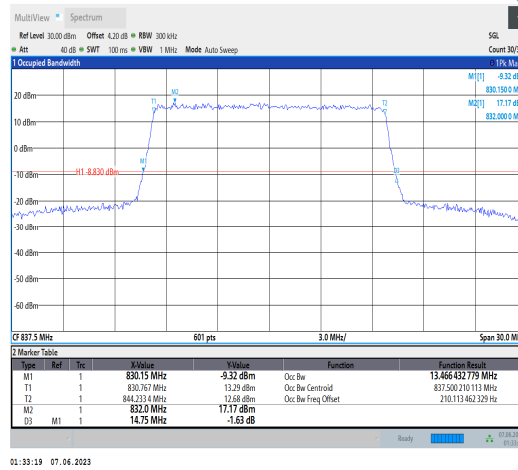
South of No. 6 Plant, No. 1, Ransheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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

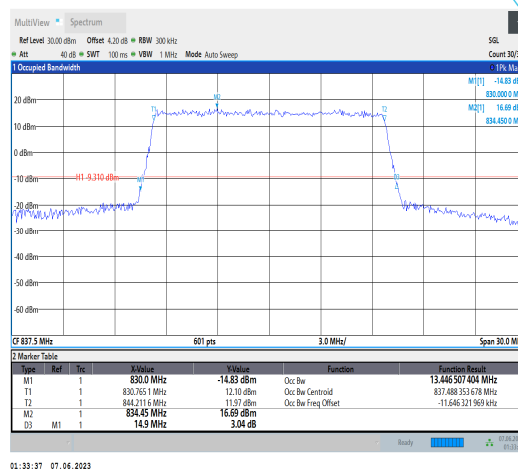
Report No.: SEWM2306000194RG01

Rev.: 01

Page: 17 of 18



Band19-15MHz-QPSK-24075-75RB#0



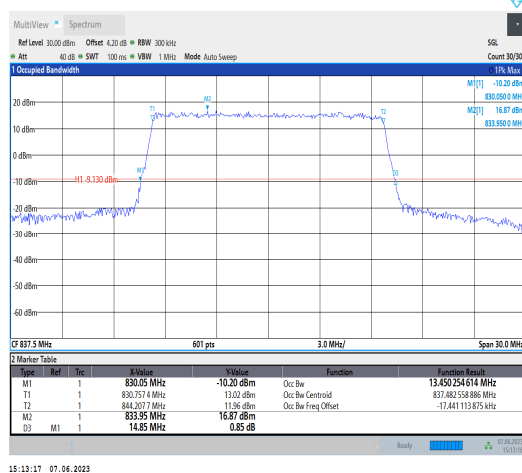
Band19-15MHz-16QAM-24075-75RB#0



Report No.: SEWM2306000194RG01

Rev.: 01

Page: 18 of 18



Band19-15MHz-64QAM-24075-75RB#0

---End of Attachment---



Unless otherwise agreed in writing, this document is issued by A Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> 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 this document contains neither the Company's findings at the time of its intervention only and within the limits of the stated instructions, nor the Company's sole responsibility is to its Client and this document does not exonerate parties to the transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is strictly prohibited and may result in severe civil and criminal penalties. Otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: 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 Rusheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone	215000	www.sgsgroup.com.cn
中国·苏州·中国（江苏）自由贸易试验区苏州工业园区苏胜路6号南厂	215000	sgs.china@sgs.com

Member of the SGS Group (SGS SA)