

Report No.: SEWM2305000177RG01

Rev.: 01

Page: 1 of 9

Appendix B.10

LTE Band 18(815-824)

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 regarding to their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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.: SEWM2305000177RG01
 Rev.: 01
 Page: 2 of 9

Transmitter Conducted Power Output

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
18(815-824)	5MHz	QPSK	23875	1RB#0	24.16	50.00	PASS
18(815-824)	5MHz	16QAM	23875	1RB#0	23.39	50.00	PASS
18(815-824)	5MHz	64QAM	23875	1RB#0	21.86	50.00	PASS
18(815-824)	5MHz	QPSK	23875	1RB#12	24.11	50.00	PASS
18(815-824)	5MHz	16QAM	23875	1RB#12	23.27	50.00	PASS
18(815-824)	5MHz	64QAM	23875	1RB#12	21.79	50.00	PASS
18(815-824)	5MHz	QPSK	23875	1RB#24	23.96	50.00	PASS
18(815-824)	5MHz	16QAM	23875	1RB#24	23.06	50.00	PASS
18(815-824)	5MHz	64QAM	23875	1RB#24	21.84	50.00	PASS
18(815-824)	5MHz	QPSK	23875	12RB#0	23.06	50.00	PASS
18(815-824)	5MHz	16QAM	23875	12RB#0	22.19	50.00	PASS
18(815-824)	5MHz	64QAM	23875	12RB#0	21.86	50.00	PASS
18(815-824)	5MHz	QPSK	23875	12RB#6	23.01	50.00	PASS
18(815-824)	5MHz	16QAM	23875	12RB#6	22.18	50.00	PASS
18(815-824)	5MHz	64QAM	23875	12RB#6	21.79	50.00	PASS
18(815-824)	5MHz	QPSK	23875	12RB#13	22.94	50.00	PASS
18(815-824)	5MHz	16QAM	23875	12RB#13	22.12	50.00	PASS
18(815-824)	5MHz	64QAM	23875	12RB#13	21.12	50.00	PASS
18(815-824)	5MHz	QPSK	23875	25RB#0	23.00	50.00	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	22.18	50.00	PASS
18(815-824)	5MHz	64QAM	23875	25RB#0	21.03	50.00	PASS
18(815-824)	5MHz	QPSK	23895	1RB#0	24.10	50.00	PASS
18(815-824)	5MHz	16QAM	23895	1RB#0	23.28	50.00	PASS
18(815-824)	5MHz	64QAM	23895	1RB#0	22.21	50.00	PASS
18(815-824)	5MHz	QPSK	23895	1RB#12	24.00	50.00	PASS
18(815-824)	5MHz	16QAM	23895	1RB#12	23.08	50.00	PASS
18(815-824)	5MHz	64QAM	23895	1RB#12	22.10	50.00	PASS
18(815-824)	5MHz	QPSK	23895	1RB#24	23.88	50.00	PASS
18(815-824)	5MHz	16QAM	23895	1RB#24	23.06	50.00	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/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 of the Company's sole responsibility or its liability under this document does not exonerate parties to a transaction from observing all the 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.: SEWM2305000177RG01

Rev.: 01

Page: 3 of 9

18(815-824)	5MHz	64QAM	23895	1RB#24	21.98	50.00	PASS
18(815-824)	5MHz	QPSK	23895	12RB#0	22.94	50.00	PASS
18(815-824)	5MHz	16QAM	23895	12RB#0	22.13	50.00	PASS
18(815-824)	5MHz	64QAM	23895	12RB#0	21.89	50.00	PASS
18(815-824)	5MHz	QPSK	23895	12RB#6	22.90	50.00	PASS
18(815-824)	5MHz	16QAM	23895	12RB#6	22.06	50.00	PASS
18(815-824)	5MHz	64QAM	23895	12RB#6	21.06	50.00	PASS
18(815-824)	5MHz	QPSK	23895	12RB#13	22.79	50.00	PASS
18(815-824)	5MHz	16QAM	23895	12RB#13	21.95	50.00	PASS
18(815-824)	5MHz	64QAM	23895	12RB#13	20.86	50.00	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	22.89	50.00	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	22.07	50.00	PASS
18(815-824)	5MHz	64QAM	23895	25RB#0	21.13	50.00	PASS
18(815-824)	5MHz	QPSK	23915	1RB#0	24.01	50.00	PASS
18(815-824)	5MHz	16QAM	23915	1RB#0	23.17	50.00	PASS
18(815-824)	5MHz	64QAM	23915	1RB#0	21.87	50.00	PASS
18(815-824)	5MHz	QPSK	23915	1RB#12	23.92	50.00	PASS
18(815-824)	5MHz	16QAM	23915	1RB#12	23.11	50.00	PASS
18(815-824)	5MHz	64QAM	23915	1RB#12	22.16	50.00	PASS
18(815-824)	5MHz	QPSK	23915	1RB#24	23.86	50.00	PASS
18(815-824)	5MHz	16QAM	23915	1RB#24	23.01	50.00	PASS
18(815-824)	5MHz	64QAM	23915	1RB#24	21.89	50.00	PASS
18(815-824)	5MHz	QPSK	23915	12RB#0	22.91	50.00	PASS
18(815-824)	5MHz	16QAM	23915	12RB#0	22.03	50.00	PASS
18(815-824)	5MHz	64QAM	23915	12RB#0	20.87	50.00	PASS
18(815-824)	5MHz	QPSK	23915	12RB#6	22.83	50.00	PASS
18(815-824)	5MHz	16QAM	23915	12RB#6	21.96	50.00	PASS
18(815-824)	5MHz	64QAM	23915	12RB#6	20.53	50.00	PASS
18(815-824)	5MHz	QPSK	23915	12RB#13	22.72	50.00	PASS
18(815-824)	5MHz	16QAM	23915	12RB#13	21.87	50.00	PASS
18(815-824)	5MHz	64QAM	23915	12RB#13	20.65	50.00	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	22.79	50.00	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	22.01	50.00	PASS
18(815-824)	5MHz	64QAM	23915	25RB#0	20.35	50.00	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/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 being bound by the terms and conditions 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号厂房南部 邮编: 215000

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

Report No.: SEWM2305000177RG01
 Rev.: 01
 Page: 4 of 9

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
18(815-824)	5MHz	QPSK	23875	25RB#0	4.486	4.95	PASS
18(815-824)	5MHz	16QAM	23875	25RB#0	4.488	4.99	PASS
18(815-824)	5MHz	64QAM	23875	25RB#0	4.487	4.99	PASS
18(815-824)	5MHz	QPSK	23895	25RB#0	4.489	4.96	PASS
18(815-824)	5MHz	16QAM	23895	25RB#0	4.490	4.99	PASS
18(815-824)	5MHz	64QAM	23895	25RB#0	4.486	4.99	PASS
18(815-824)	5MHz	QPSK	23915	25RB#0	4.485	4.96	PASS
18(815-824)	5MHz	16QAM	23915	25RB#0	4.488	4.98	PASS
18(815-824)	5MHz	64QAM	23915	25RB#0	4.487	5.00	PASS

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

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



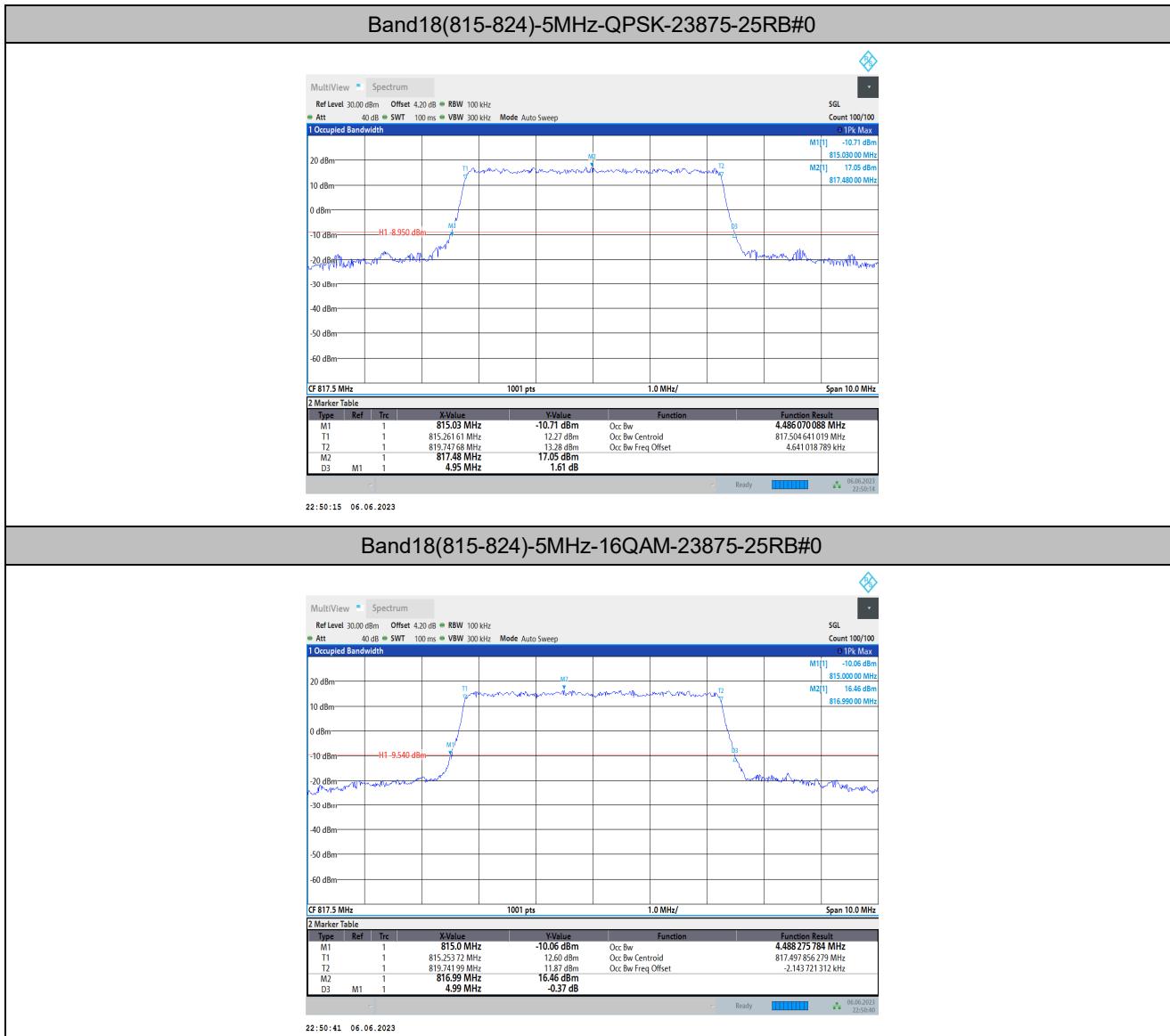
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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.: SEWM2305000177RG01
 Rev.: 01
 Page: 5 of 9

Test Graphs



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/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 regarding with the rights and obligations under the transaction documents. This document cannot be reproduced in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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

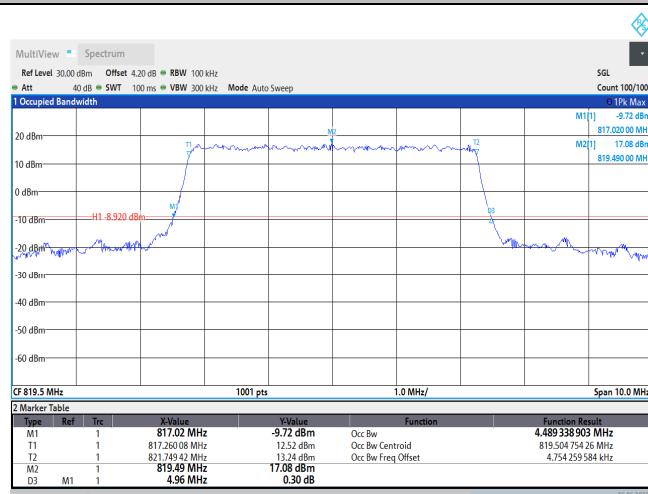
Report No.: SEWM2305000177RG01
 Rev.: 01
 Page: 6 of 9

Band18(815-824)-5MHz-256QAM-23875-25RB#0



15:08:22 07.06.2023

Band18(815-824)-5MHz-QPSK-23895-25RB#0



22:51:09 06.06.2023

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 observing their obligations under the transaction documents. This document cannot be reproduced 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 tested for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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

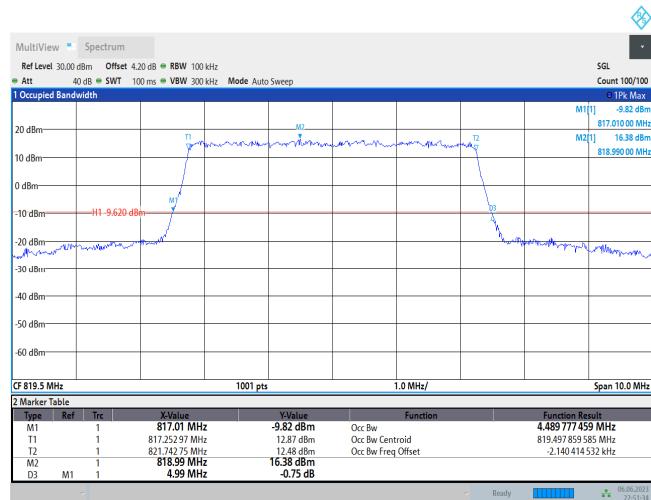
t (86-512) 62992980 www.sgsgroup.com.cn

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

Member of the SGS Group (SGS SA)

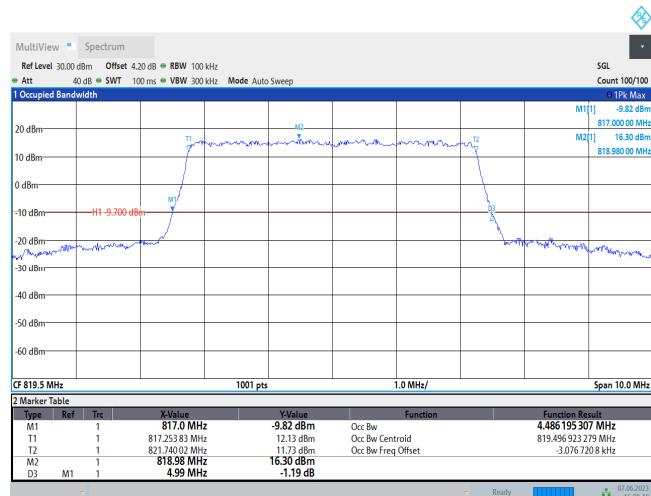
Report No.: SEWM2305000177RG01
 Rev.: 01
 Page: 7 of 9

Band18(815-824)-5MHz-16QAM-23895-25RB#0



22:51:35 06.06.2023

Band18(815-824)-5MHz-64QAM-23895-25RB#0



15:08:48 07.06.2023

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 observing all the rights and obligations under the transaction documents. This document cannot be reproduced in full, without prior written approval of the Company. Any unauthorized approval, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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

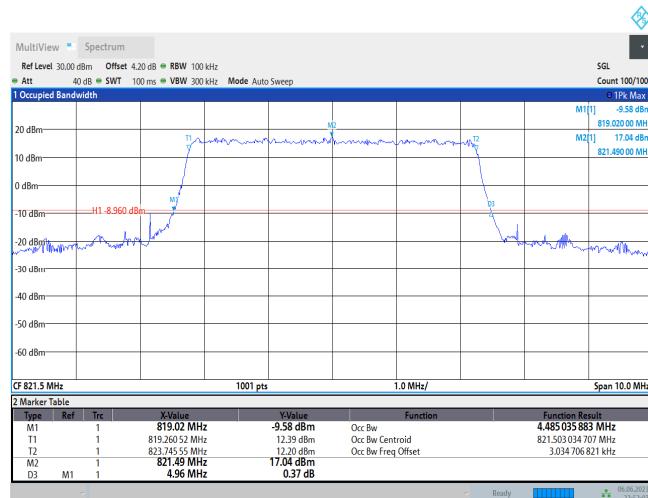
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

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

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

Report No.: SEWM2305000177RG01
 Rev.: 01
 Page: 8 of 9

Band18(815-824)-5MHz-QPSK-23915-25RB#0



22:52:04 06.06.2023

Band18(815-824)-5MHz-16QAM-23915-25RB#0



22:52:29 06.06.2023

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 observing all the rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized approval, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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

Report No.: SEWM2305000177RG01
 Rev.: 01
 Page: 9 of 9

Band18(815-824)-5MHz-64QAM-23915-25RB#0



15:09:14 07.06.2023

---End of Attachment---

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 regarding to their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

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