



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 1 of 49

# Appendix B.2

WCDMA Band II&IV&V



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printe 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 <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx</a> Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document i 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 transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduce except in full, without prior written approval of the Company, Any unauthorized alteration, forgery or falsification of the content of 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) tere temple(s) are reflected for 30 days only.

or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot 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



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 2 of 49

#### **Effective (Isotropic) Radiated Power Output Data**

#### **Test Result**

Band	Channel	Power(dBm)	EIRP	Limit(dBm)	Verdict
Band2	9262	23.41	23.71	33.01	PASS
Band2	9400	23.73	24.03	33.01	PASS
Band2	9538	23.54	23.84	33.01	PASS
Band4	1312	23.36	23.96	30.00	PASS
Band4	1413	23.42	24.02	30.00	PASS
Band4	1513	23.38	23.98	30.00	PASS
Band	Channel	Power(dBm)	ERP	Limit(dBm)	Verdict
Band5	4132	23.38	20.43	38.45	PASS
Band5	4182	23.48	20.53	38.45	PASS
Band5	4233	23.51	20.56	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx and,">http://www.sgs.com/en/Terms-and-Conditions.aspx and,</a> for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions-and-Conditions-an



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 3 of 49

#### **Peak-to-Average Ratio**

#### **Test Result**

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
Band2	9262	2.98	13	PASS
Band2	9400	2.98	13	PASS
Band2	9538	3.02	13	PASS
Band4	1312	2.98	13	PASS
Band4	1413	2.8	13	PASS
Band4	1513	2.76	13	PASS
Band5	4132	3.06	13	PASS
Band5	4182	2.88	13	PASS
Band5	4233	2.86	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions</a> for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 falisfication 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) are retained for 30 days only.

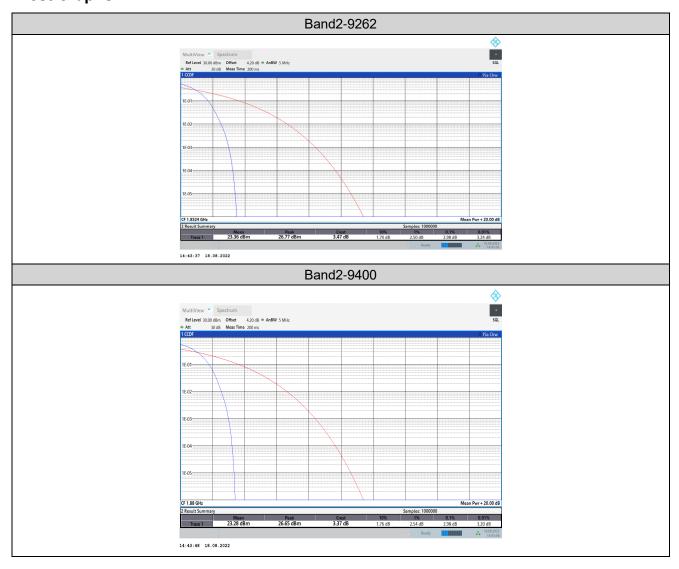
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CVD Doccheck@sss.com.



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 4 of 49

#### **Test Graphs**





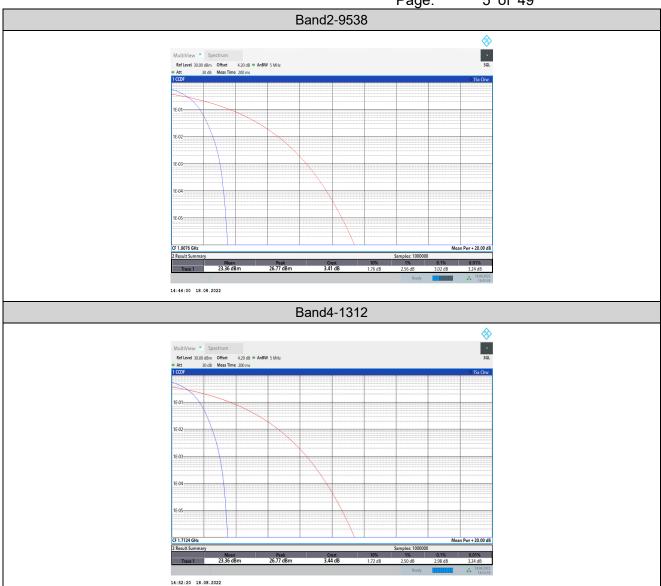
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx and,">http://www.sgs.com/en/Terms-and-Conditions.aspx and,</a> for electronic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

or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 単築: 215000



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 5 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) are retained for 30 days only.

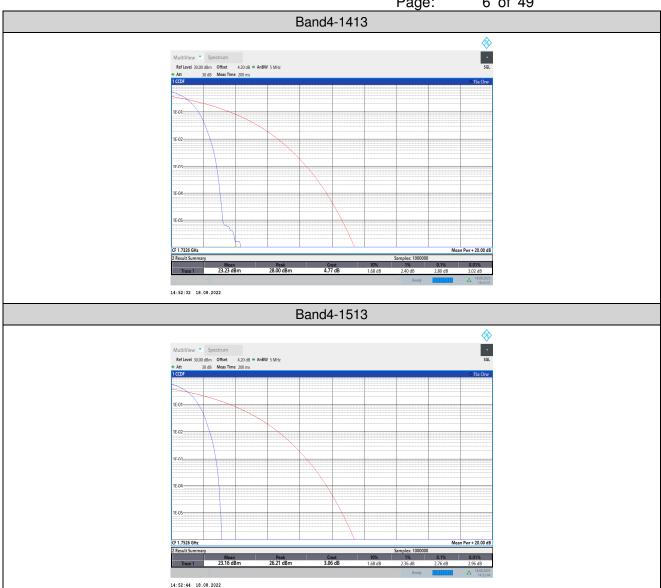
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*).

or email: CN\_Doccheck@sgs.com | 20th d1Na.6Fixth, th. Runshang Road, 20thou Industrial Park, Suchou Area, China (Jángsa) Plot Free Trade Zone 中国・苏州・中国(江苏)自由民房试验区苏州上区苏州工业园区河胜路1号的6号厂房南部 鄭塢: 215000



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 6 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) are retained for 30 days only.

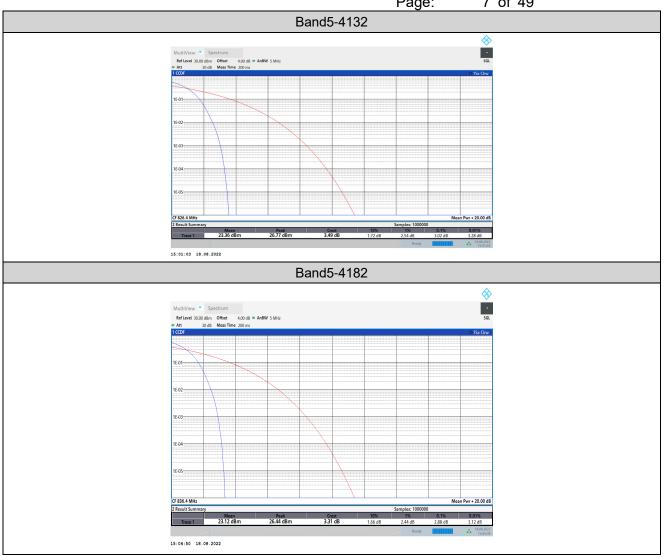
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Certificate\*\*).

or email: CN.Doccheck@sgs.com Sobn d/No.Fpix, N. Fanshang Poxod, Johno Indoxhair Park, Suchou Area, Chine (Jángsu) Pikt Free Trade Zone 中国・苏州・中国(江苏)自由贸易试验区苏州ト区苏州工业园区河胜路1号的6号厂房南部 単編: 215000



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 7 of 49





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

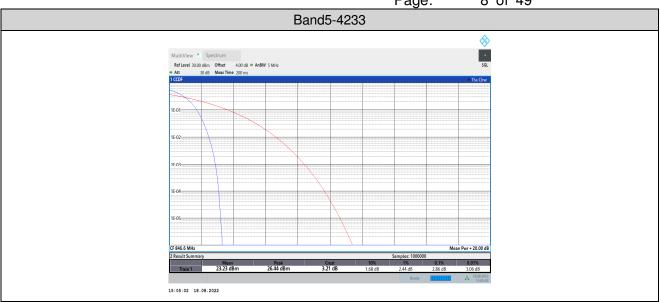
\*\*Attention:\*\*To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 3307 1443.

or email: CM. Doceneck (愛Sg. s. com Subin filo Ro Flort, No. 1, Flunsheng Rose, Subru Industrial Park, Subrou Area, Chine (Jangsu) Pint Free Trate Zone 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 単編: 215000



Report No.: SEWM2208000146RG04

Rev.: 01 Page: 8 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigory 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 finspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or earlief. \*\*Deschered\*\*\*

Studin (No. Fibrat, No. 1, Runsharq Read, Suzhou Industral Park, Suzhou Area, China (Jangsu) 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海胜路1号的6号厂房南部 解編: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 9 of 49

#### **Modulation Characteristics**

#### **Test Result**

Band	Channel	Result	Verdict
Band2	9400	PASS	PASS
Band4	1513	PASS	PASS
Band5	4182	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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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, orgeny 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) 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: CVP. Descherk@ess.com.

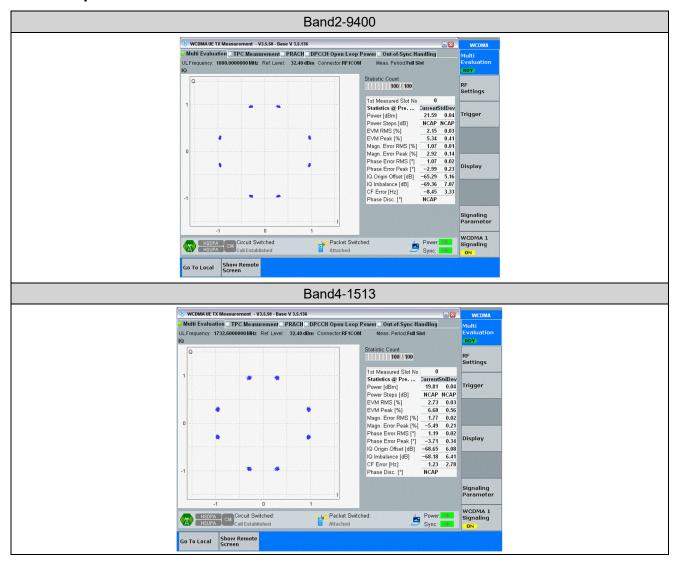


Report No.: SEWM2208000146RG04

Rev.: 01

Page: 10 of 49

#### **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 <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jursidiction 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Lines 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 finspection report & certificate, please contact us at telephone: (86-755) 3307 1443.

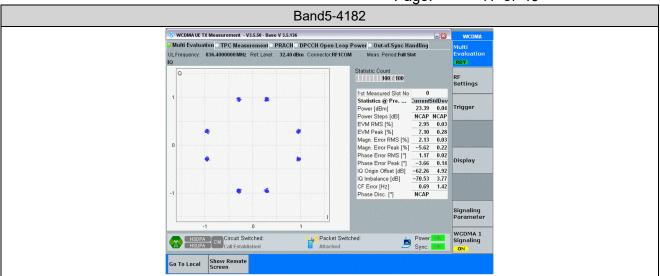
or email: CN. <u>Doccheck@sgs.com</u> | Souhd/No. Plant, No. 1, Russheng Read, Suzhou Masthal Park, Suzhou Area, China (Jángsu) Plot Free Trade Zone | 日本・子州・中国(江苏)自由男民は東区末州下区末州工业団区海世路1号的も下房南部 郷場: 215000



Report No.: SEWM2208000146RG04

Rev.:

Page: 11 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 12 of 49

#### 26dB Bandwidth and Occupied Bandwidth

#### **Test Result**

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit(kHz)	Verdict
Band2	9262	4.181	4.74		PASS
Band2	9400	4.192	4.75		PASS
Band2	9538	4.19	4.74		PASS
Band4	1312	4.163	4.73		PASS
Band4	1413	4.165	4.72		PASS
Band4	1513	4.168	4.74		PASS
Band5	4132	4.166	4.72		PASS
Band5	4182	4.167	4.73		PASS
Band5	4233	4.165	4.73		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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions</a> for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 falisfication 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) 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: CVD Doccheck@sss.com.

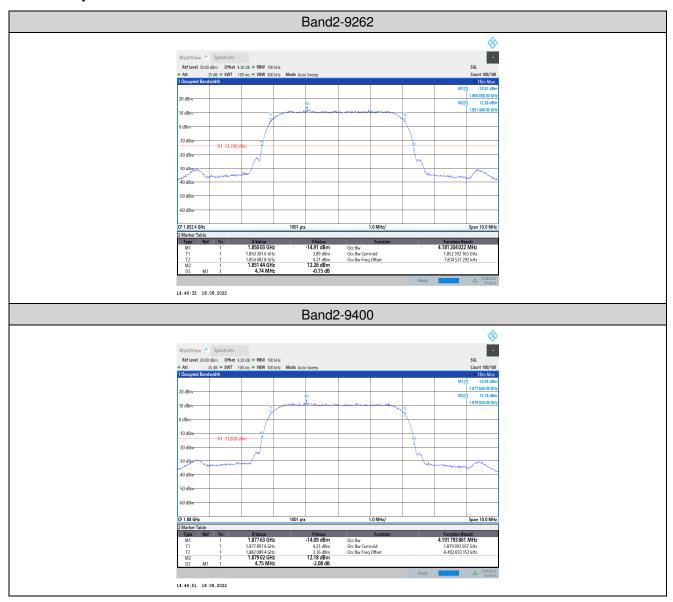


Report No.: SEWM2208000146RG04

Rev.: 01

Page: 13 of 49

#### **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 <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.

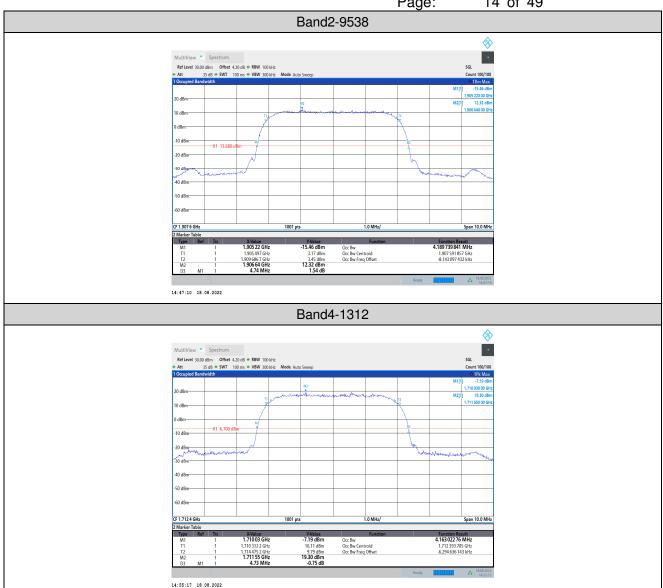
or email: CN\_Doccheck@sgs.com South of No. Fleat, No.1, Russheng Rood, Subou Industrial Park, Subou Area, Clima (Jángsu) Pitot Free Trade Zine 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州 | 上の国区海胜路 | 号的6号 | 房南部 - 鄭卓: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 14 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.

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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 15 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.

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

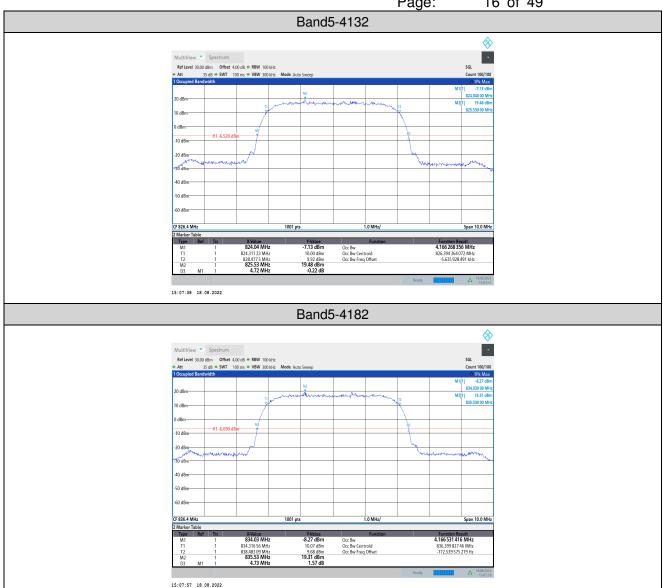
t (86-512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com t (86-512) 62992980



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 16 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.

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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 17 of 49





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

Power Hall: CAL Oper Read, Suzhou Industral Park, Suzhou Area, Chira (Jangsu) 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国区海胜路1号約6号厂房南部 解集: 215000



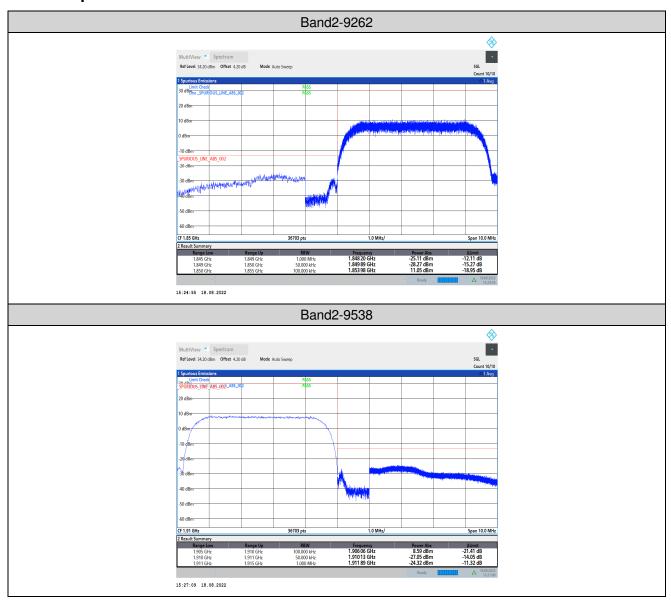
Report No.: SEWM2208000146RG04

Rev.: 01

Page: 18 of 49

#### **Band Edge**

#### **Test Graphs**





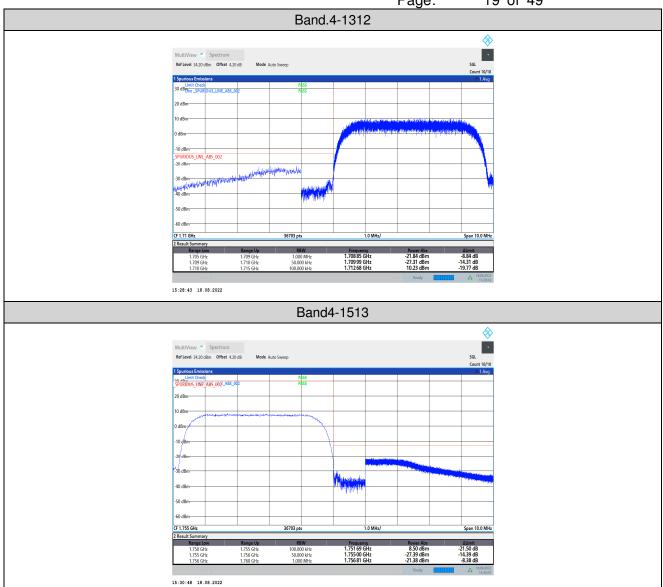
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx and,">http://www.sgs.com/en/Terms-and-Conditions.aspx and,</a> for electronic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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 19 of 49





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

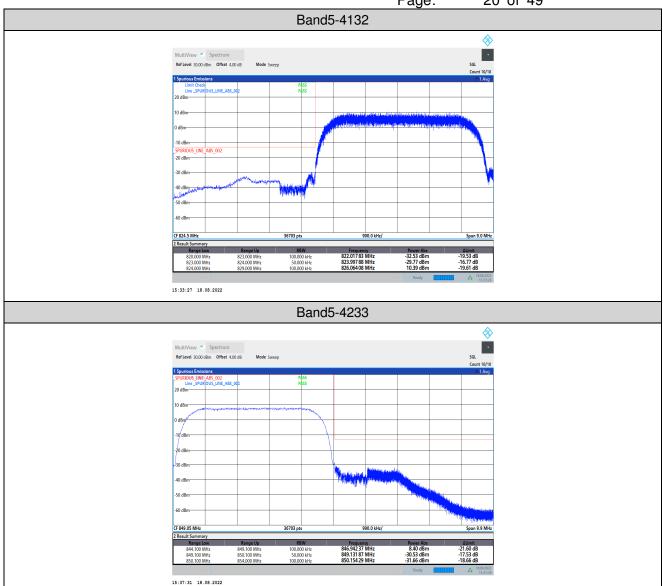
or email: CN\_Doccheck@sgs.com | 20th d1Na.6Fixth, th. Runshang Road, 20thou Industrial Park, Suchou Area, China (Jángsa) Plot Free Trade Zone 中国・苏州・中国(江苏)自由民房试验区苏州上区苏州工业园区河胜路1号的6号厂房南部 鄭塢: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 20 of 49





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

or email: CN\_Doccheck@sgs.com South of No. Fleat, No.1, Russheng Rood, Subou Industrial Park, Subou Area, Clima (Jángsu) Pitot Free Trade Zine 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州 | 上の国区海胜路 | 号的6号 | 房南部 - 鄭卓: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 21 of 49

#### **Conducted SpuriousEmission**

#### **Test Graphs**





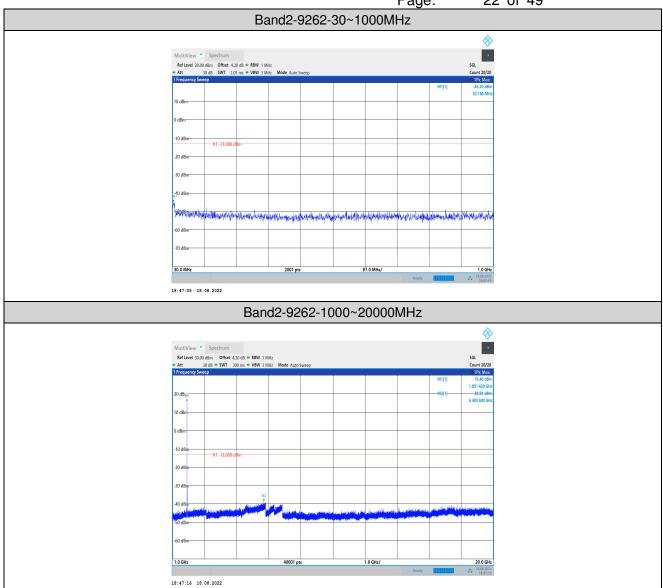
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx and,">http://www.sgs.com/en/Terms-and-Conditions.aspx and,</a> for electronic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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 22 of 49





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

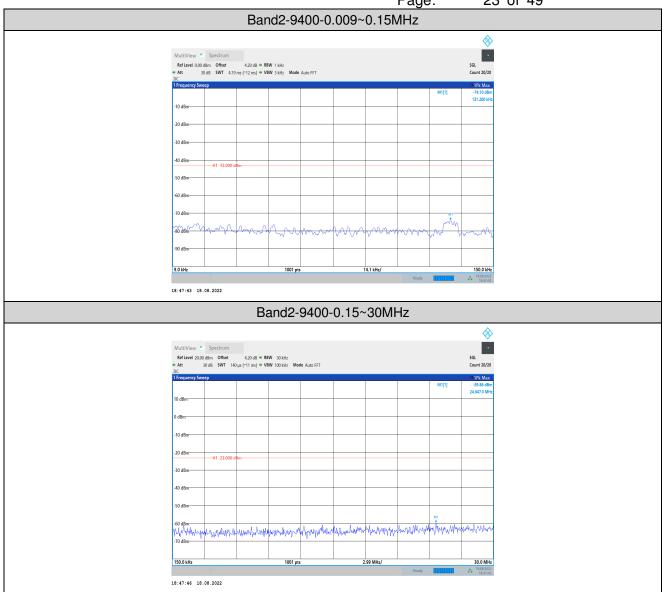
or email: CM. Doceneck (愛Sg. s. com Subin filo Ro Flort, No. 1, Flunsheng Rose, Subru Industrial Park, Subrou Area, Chine (Jangsu) Pint Free Trate Zone 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 単編: 215000





Rev.: 01

Page: 23 of 49





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

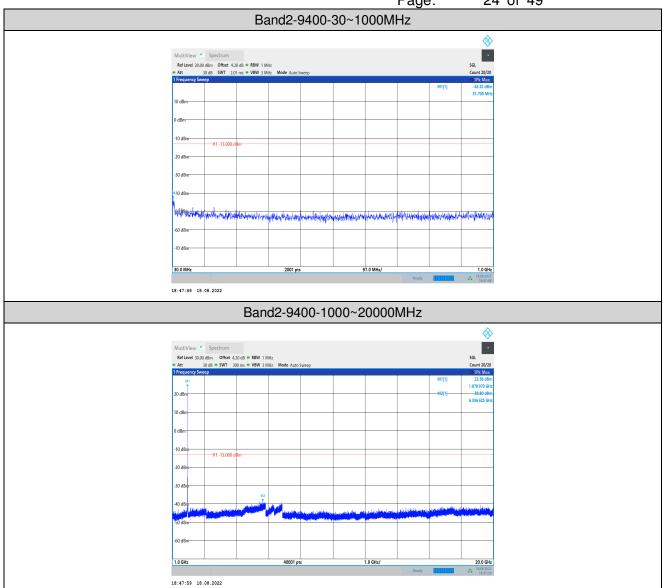
or email: CN.Doccheck@sgs.com |Sound/No.Flart, No.1, Runsheng Road, Suzbu Industrial Park, Suzbu JAva, Clinic (Jángsu) Pita Free Trade Zore 215000 |中国 - 茅州・中国(江苏)自由贸易は禁区茅州十区茅州工业园区海胜路1号的6号「房南蓼 鄭楽 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 24 of 49





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

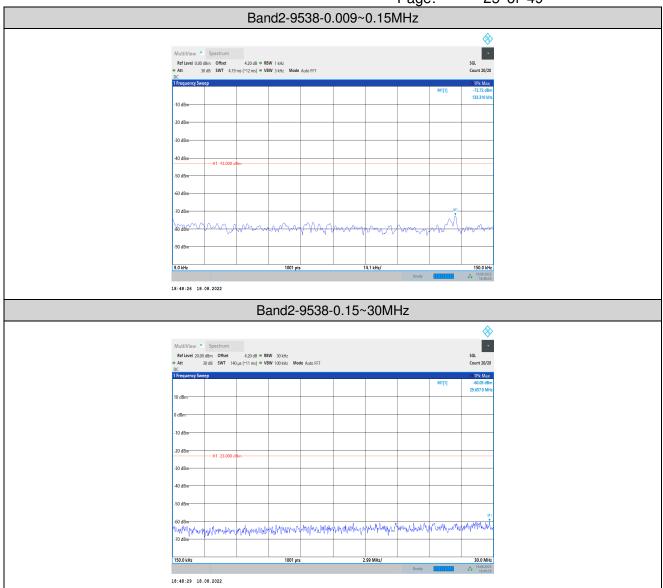
or email: <u>CNLOCENECK@SGS.COM</u> Sound riNo. Fibrat, No.1, Runsheng Rosel, Subroul Industral Park, Suchou Area, China (Jángsu) Pilot Free Trade Zine 中国・苏州・中国(江苏)自由贸易试验区苏州ト区苏州工业园区润胜路1号的6号厂房南部 鄭塢: 215000





Rev.: 01

Page: 25 of 49





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

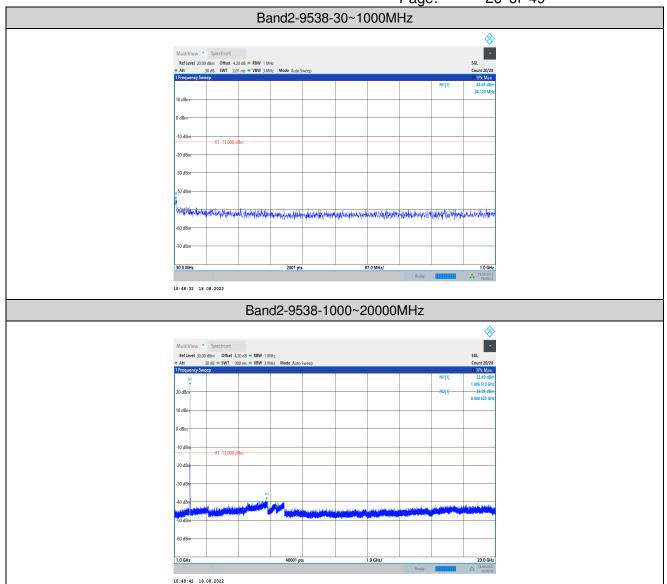
or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 単築: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 26 of 49





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

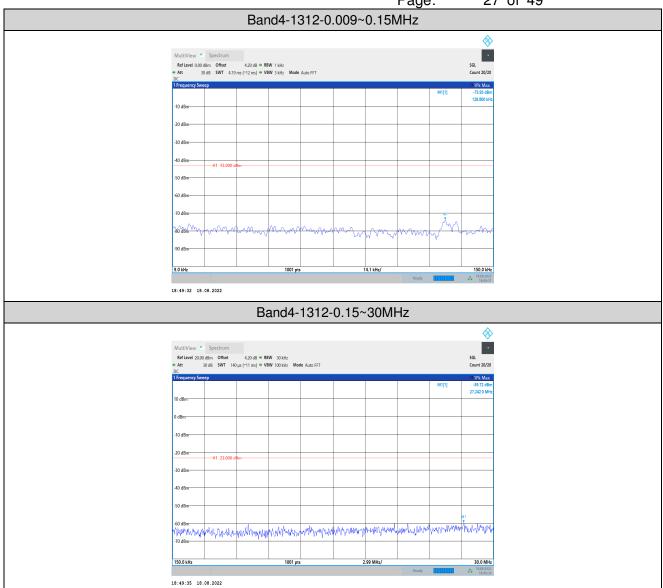
or email: CN\_Doccheck@sgs.com South of No. Fleat, No.1, Russheng Rood, Subou Industrial Park, Subou Area, Clima (Jángsu) Pitot Free Trade Zine 中国 - 苏州 - 中国 (江苏) 自由贸易试验区苏州 | 上の国区海胜路 | 号的6号 | 房南部 - 鄭卓: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 27 of 49





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

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

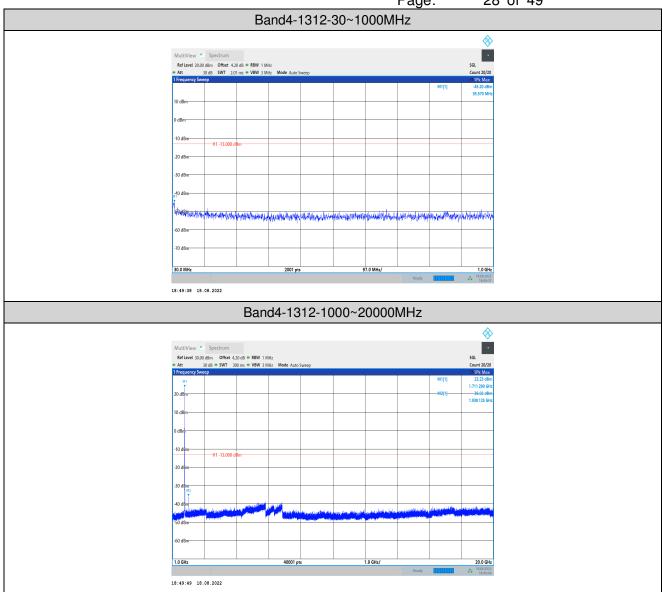
t (86-512) 62992980 www.sqsqroup.com.cn sgs.china@sgs.com t (86-512) 62992980



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 28 of 49





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

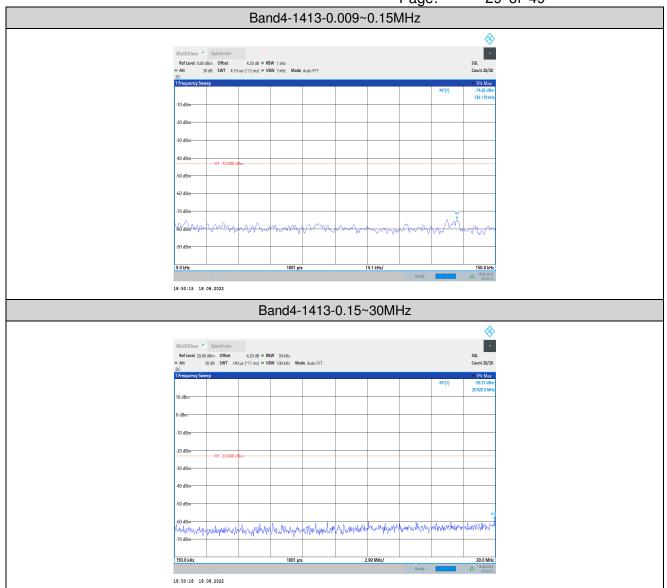
or email: CNLOCEDECK@SSS.COM SubmitNo Fibra, No.1, Runsheng Rosal, Subou Industral Park, Subrou Area, Chine (Jangsu) Pint Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易減強区苏州 | 下区苏州 工业园区海胜路 | 日から子 庁 房南部 - 邮第: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 29 of 49





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

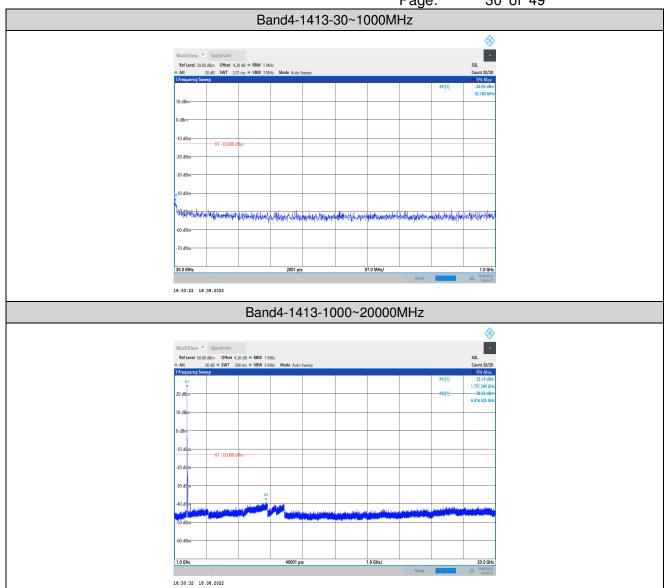
or email: CM. Doceneck (愛Sg. s. com Subin filo Ro Flort, No. 1, Flunsheng Rose, Subru Industrial Park, Subrou Area, Chine (Jangsu) Pint Free Trate Zone 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 単編: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 30 of 49





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

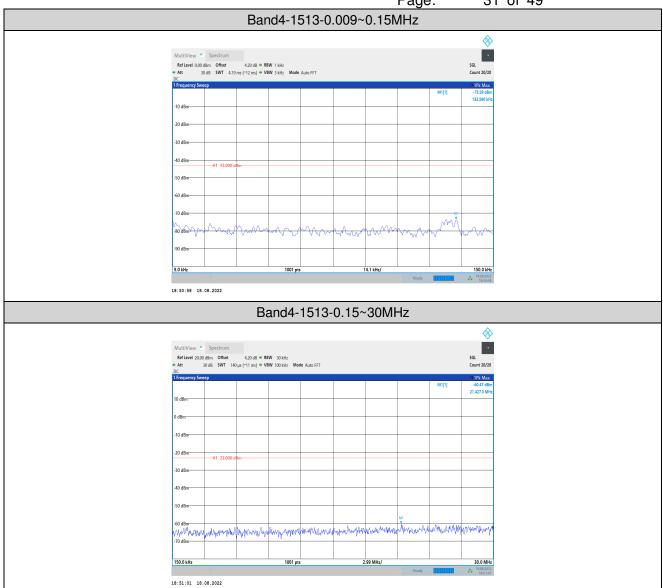
or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 単築: 215000



Report No.: SEWM2208000146RG04

Rev.:

Page: 31 of 49





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

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

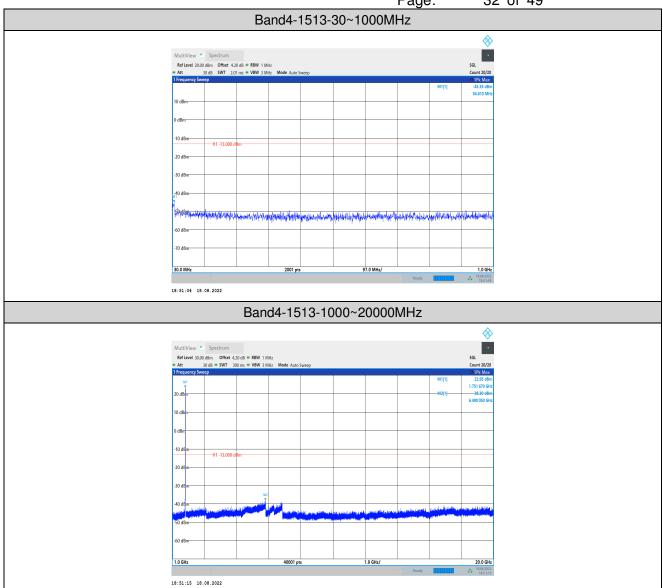
t (86-512) 62992980 www.sqsqroup.com.cn sgs.china@sgs.com t (86-512) 62992980



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 32 of 49





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

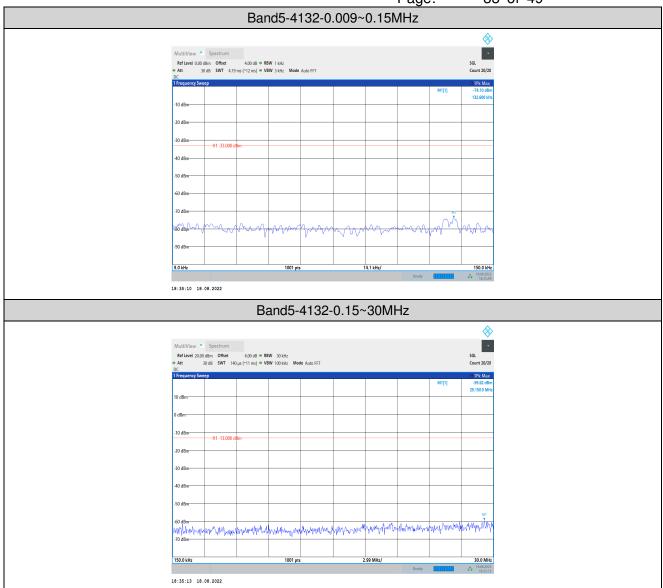
or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 邮第: 215000





Rev.: 01

Page: 33 of 49





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

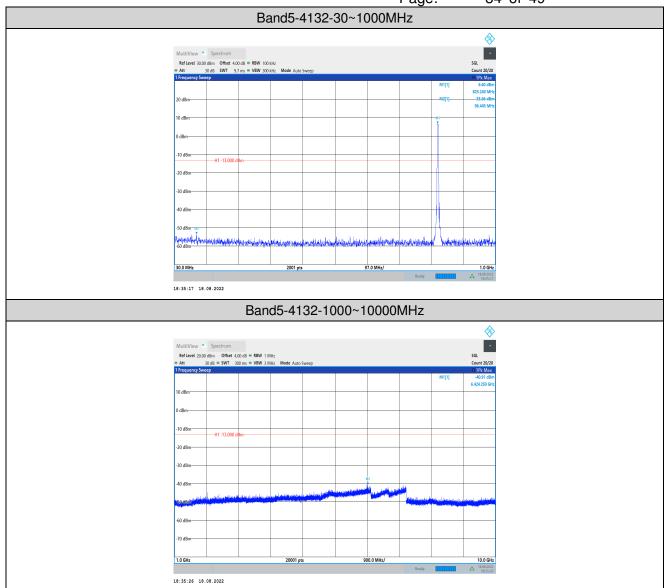
or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 邮第: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 34 of 49





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <a href="http://www.sgs.com/en/Terms-and-Conditions.apx">http://www.sgs.com/en/Terms-and-Conditions.apx</a> and, for electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.apx</a>. 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 unlawfull 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) 3307 1443.

South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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 t (86–512) 62992980 sgs.

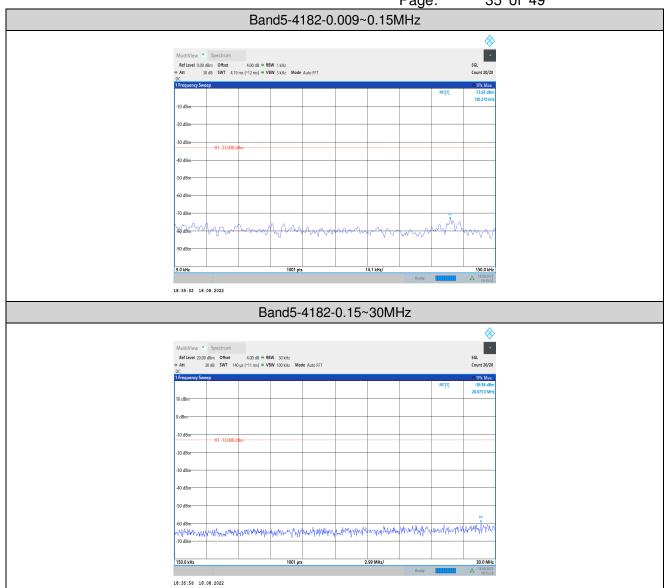
www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 35 of 49





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

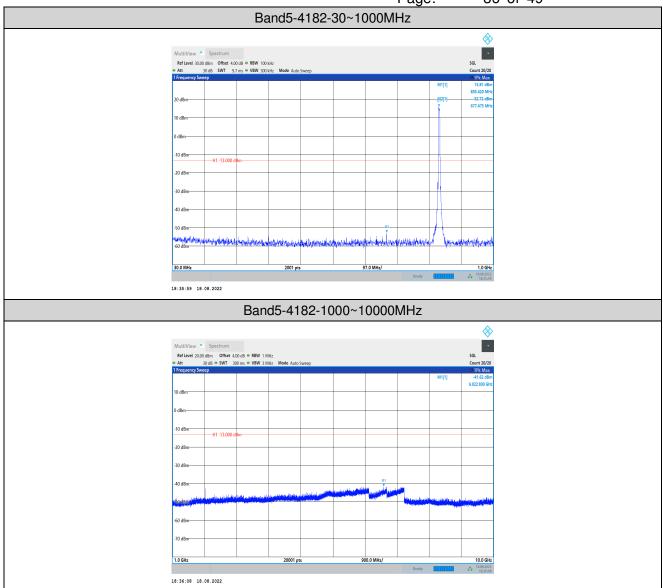
or email: CN.Doccheck@sgs.com South of No. Fleat, No. 1, Runsheng Reds, Subru Indistall Part, Suzhou Area, China (Jangsu) Pind Free Trade Zone 中国 - 苏州 - 中国 (江苏) 自由贸易过至区苏州片区苏州工业园区润胜费(号的/号)「房南部 鄭編: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 36 of 49





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

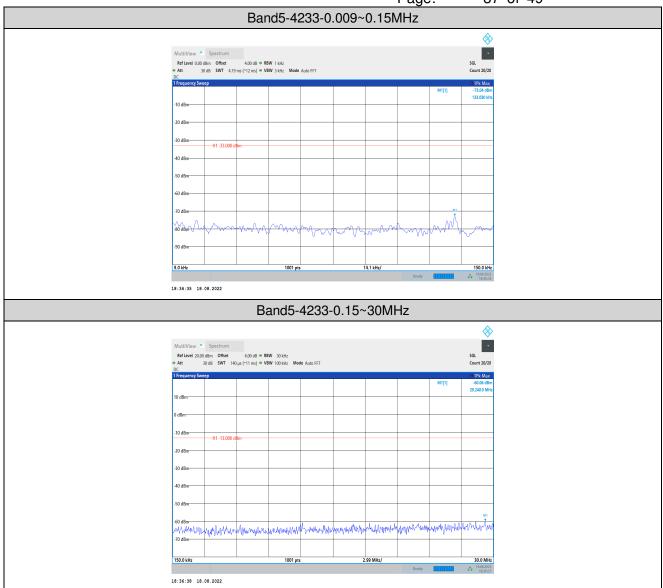
Studin (No. Fibrat, No. 1, Runsharq Read, Suzhou Industral Park, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区海胜路1号的6号厂房南部 解編: 215000





Rev.: 01

Page: 37 of 49





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

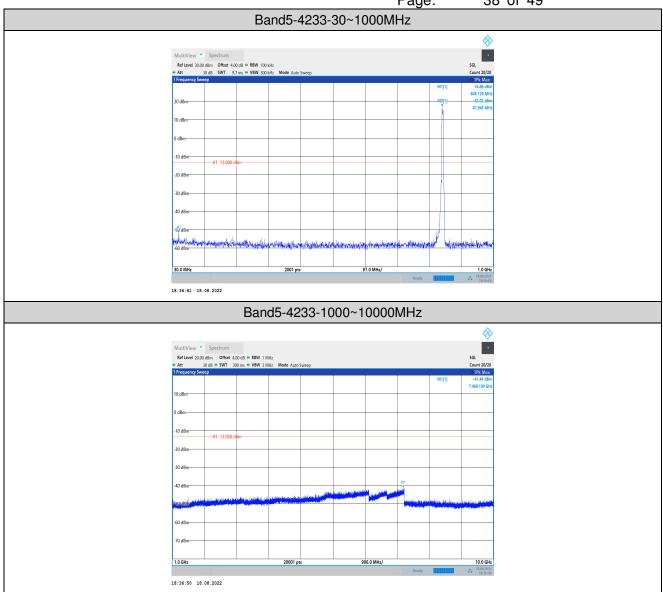
or email: CN\_Doccheck@sgs.com South of No. Plant, No. 1, Runsheng Rood, Jozbu Industrial Park, Suchou Area, Chine (Jángsu) Pint Free Trade Zone 中国 - 苏州・中国(江苏)自由贸易成独区苏州ト区苏州工业园区海胜路1号的6号厂房南部 邮第: 215000





Rev.: 01

Page: 38 of 49





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

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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 39 of 49

### **Field Strength of Spurious Radiation**

Test Band = WCDMA Band II\_ TM1
Test Channel = Low

Final	Data List									
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3704.8000	49.57	-45.52	29.99	-61.22	-13.00	48.22	215	269	Horizontal
2	5557.2000	48.06	-45.14	32.97	-59.37	-13.00	46.37	236	238	Horizontal
3	7409.6000	44.94	-43.38	36.49	-57.22	-13.00	44.22	261	356	Horizontal
4	9262.0000	35.91	-40.23	38.39	-61.19	-13.00	48.19	142	178	Horizontal
5	11114.4000	31.86	-37.88	39.09	-62.19	-13.00	49.19	175	41	Horizontal
6	16470.75	35.17	-34.03	37.87	-56.26	-13.00	43.26	194	24	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3704.8000	47.35	-45.52	29.99	-63.44	-13.00	50.44	185	178	Vertical
2	5557.2000	46.88	-45.14	32.97	-60.55	-13.00	47.55	126	38	Vertical
3	7409.6000	44.33	-43.38	36.49	-57.83	-13.00	44.83	142	0	Vertical
4	9262.0000	36.53	-40.23	38.39	-60.57	-13.00	47.57	231	0	Vertical
5	11114.4000	30.30	-37.88	39.09	-63.75	-13.00	50.75	163	24	Vertical
6	13776	33.09	-36.34	39.98	-58.53	-13.00	45.53	203	164	Vertical



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trate Zone 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河胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 40 of 49

#### Test Band = WCDMA Band II\_ TM1 Test Channel = Mid

Final	Data List									
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3760.0000	49.18	-45.75	30.19	-61.65	-13.00	48.65	218	194	Horizontal
2	5640.0000	46.47	-44.98	33.17	-60.61	-13.00	47.61	236	26	Horizontal
3	7520.0000	44.02	-43.10	36.43	-57.91	-13.00	44.91	261	285	Horizontal
4	9400.0000	39.33	-39.83	38.49	-57.27	-13.00	44.27	142	72	Horizontal
5	11280.0000	32.87	-37.41	39.11	-60.69	-13.00	47.69	175	15	Horizontal
6	15151.5	32.82	-34.42	39.02	-57.84	-13.00	44.84	140	15	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3760.0000	49.60	-45.75	30.19	-61.23	-13.00	48.23	265	269	Vertical
2	5640.0000	46.35	-44.98	33.17	-60.73	-13.00	47.73	145	0	Vertical
3	7520.0000	44.68	-43.10	36.43	-57.25	-13.00	44.25	175	178	Vertical
4	9400.0000	39.01	-39.83	38.49	-57.59	-13.00	44.59	194	178	Vertical
5	11280.0000	32.78	-37.41	39.11	-60.78	-13.00	47.78	172	103	Vertical
6	13849.5	32.95	-35.93	40.00	-58.24	-13.00	45.24	231	224	Vertical





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 41 of 49

# Test Band = WCDMA Band II\_ TM1 Test Channel = High

Final	Data List									
NO.	Frequency	Reading	Factor	ΛΕ[dD/m]	Level	Limit	Margin	Height	Angle	Polority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3815.2000	49.83	-45.97	30.37	-61.04	-13.00	48.04	214	299	Horizontal
2	5722.8000	47.29	-44.83	33.47	-59.33	-13.00	46.33	186	85	Horizontal
3	7630.0000	42.55	-42.99	36.45	-59.25	-13.00	46.25	291	146	Horizontal
4	9538.0000	38.30	-40.01	38.46	-58.52	-13.00	45.52	133	164	Horizontal
5	11445.6000	31.79	-37.34	39.06	-61.75	-13.00	48.75	201	172	Horizontal
6	14352	33.66	-35.45	40.12	-56.94	-13.00	43.94	107	1	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polatily
1	3815.2000	48.66	-45.97	30.37	-62.21	-13.00	49.21	175	284	Vertical
2	5722.8000	47.10	-44.83	33.47	-59.52	-13.00	46.52	251	192	Vertical
3	7630.0000	43.01	-42.99	36.45	-58.79	-13.00	45.79	236	223	Vertical
4	9538.0000	38.62	-40.01	38.46	-58.20	-13.00	45.20	261	13	Vertical
5	11445.6000	31.92	-37.34	39.06	-61.62	-13.00	48.62	175	84	Vertical
6	13698.75	33.80	-36.16	40.06	-57.56	-13.00	44.56	190	344	Vertical





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 42 of 49

# Test Band = WCDMA Band IV\_ TM1 Test Channel = Low

Final	Data List									
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3424.8000	53.34	-46.27	29.45	-58.74	-13.00	45.74	172	237	Horizontal
2	5137.2000	46.24	-45.34	32.96	-61.40	-13.00	48.40	135	237	Horizontal
3	6849.6000	45.47	-44.14	35.90	-58.03	-13.00	45.03	261	13	Horizontal
4	8562.0000	39.80	-41.44	37.67	-59.23	-13.00	46.23	142	192	Horizontal
5	10274.4000	33.02	-39.19	38.83	-62.60	-13.00	49.60	190	0	Horizontal
6	13728	33.60	-36.23	40.03	-57.86	-13.00	44.86	211	329	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3424.8000	50.90	-46.27	29.45	-61.18	-13.00	48.18	218	207	Vertical
2	5137.2000	45.83	-45.34	32.96	-61.81	-13.00	48.81	145	269	Vertical
3	6849.6000	45.69	-44.14	35.90	-57.81	-13.00	44.81	192	86	Vertical
4	8562.0000	40.38	-41.44	37.67	-58.65	-13.00	45.65	172	224	Vertical
5	10274.4000	34.38	-39.19	38.83	-61.24	-13.00	48.24	130	238	Vertical
6	13802.25	33.76	-36.38	39.96	-57.92	-13.00	44.92	263	38	Vertical





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 43 of 49

# Test Band = WCDMA Band IV\_ TM1 Test Channel = Mid

Final	Data List									
NO.	Frequency	Reading	Factor	VE[9D/m]	Level	Limit	Margin	Height	Angle	Dolority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3465.2000	54.37	-46.27	29.49	-57.67	-13.00	44.67	106	238	Horizontal
2	5197.8000	47.07	-45.28	32.99	-60.48	-13.00	47.48	251	252	Horizontal
3	6930.4000	45.63	-43.93	36.00	-57.56	-13.00	44.56	199	147	Horizontal
4	8663.0000	39.62	-41.56	37.85	-59.34	-13.00	46.34	178	207	Horizontal
5	10395.6000	32.93	-39.01	38.86	-62.48	-13.00	49.48	197	1	Horizontal
6	13737.75	33.94	-36.25	40.02	-57.55	-13.00	44.55	143	5	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3465.2000	51.04	-46.27	29.49	-61.00	-13.00	48.00	230	300	Vertical
2	5197.8000	46.55	-45.28	32.99	-61.00	-13.00	48.00	120	1	Vertical
3	6930.4000	45.91	-43.93	36.00	-57.28	-13.00	44.28	164	86	Vertical
4	8663.0000	39.18	-41.56	37.85	-59.78	-13.00	46.78	128	163	Vertical
5	10395.6000	32.83	-39.01	38.86	-62.58	-13.00	49.58	175	41	Vertical
6	13809.75	32.94	-36.31	39.97	-58.66	-13.00	45.66	142	346	Vertical





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 44 of 49

#### Test Band = WCDMA Band IV\_ TM1 Test Channel = High

Final	Data List									
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity
NO.	[MHz]	[dBµV]	[dB]	Ar [ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Folanty
1	3505.2000	53.69	-46.25	29.52	-58.30	-13.00	45.30	210	256	Horizontal
2	5257.8000	46.64	-45.17	32.93	-60.85	-13.00	47.85	174	195	Horizontal
3	7010.4000	46.05	-43.62	36.11	-56.72	-13.00	43.72	263	181	Horizontal
4	8763.0000	39.91	-41.41	38.02	-58.74	-13.00	45.74	251	357	Horizontal
5	10515.6000	33.41	-38.75	38.98	-61.62	-13.00	48.62	199	133	Horizontal
6	12735.75	34.83	-36.73	39.52	-57.65	-13.00	44.65	173	209	Horizontal

Final	Data List									
NO.	Frequency	Reading	Factor	ΛΕ[dD/m]	Level	Limit	Margin	Height	Angle	Polority
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity
1	3505.2000	51.97	-46.25	29.52	-60.02	-13.00	47.02	213	285	Vertical
2	5257.8000	47.28	-45.17	32.93	-60.21	-13.00	47.21	230	0	Vertical
3	7010.4000	44.69	-43.62	36.11	-58.08	-13.00	45.08	120	6	Vertical
4	8763.0000	38.24	-41.41	38.02	-60.41	-13.00	47.41	305	0	Vertical
5	10515.6000	33.15	-38.75	38.98	-61.88	-13.00	48.88	140	162	Vertical
6	13779	33.55	-36.35	39.98	-58.08	-13.00	45.08	189	25	Vertical





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 45 of 49

# Test Band = WCDMA Band V\_ TM1 Test Channel = Low

Final	Final Data List												
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1652.8000	51.75	-48.22	25.37	-66.35	-13.00	53.35	103	28	Horizontal			
2	2479.2000	50.89	-47.31	27.70	-63.97	-13.00	50.97	254	203	Horizontal			
3	3305.6000	50.59	-46.67	29.55	-61.79	-13.00	48.79	145	358	Horizontal			
4	4132.0000	49.79	-45.92	31.00	-60.39	-13.00	47.39	291	311	Horizontal			
5	4958.4000	48.28	-45.72	32.76	-59.93	-13.00	46.93	172	41	Horizontal			
6	6048	48.66	-44.55	34.15	-57.01	-13.00	44.01	136	284	Horizontal			

Final	Final Data List												
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity			
NO.	[MHz]	[dBµV]	[dB]	Al-[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1652.8000	51.34	-48.22	25.37	-66.76	-13.00	53.76	156	348	Vertical			
2	2479.2000	49.91	-47.31	27.70	-64.95	-13.00	51.95	148	348	Vertical			
3	3305.6000	50.59	-46.67	29.55	-61.79	-13.00	48.79	195	0	Vertical			
4	4132.0000	48.83	-45.92	31.00	-61.35	-13.00	48.35	172	238	Vertical			
5	4958.4000	48.03	-45.72	32.76	-60.18	-13.00	47.18	133	197	Vertical			
6	6853.1429	49.27	-44.15	35.90	-54.23	-13.00	41.23	261	306	Vertical			





Report No.: SEWM2208000146RG04

Rev.: 01

Page: 46 of 49

Test Band = WCDMA Band V\_ TM1 Test Channel = Mid

Final	Final Data List												
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1672.8000	51.07	-48.19	25.38	-67.00	-13.00	54.00	172	94	Horizontal			
2	2509.2000	51.69	-47.24	27.80	-63.00	-13.00	50.00	148	228	Horizontal			
3	3345.6000	50.15	-46.62	29.50	-62.23	-13.00	49.23	194	359	Horizontal			
4	4182.0000	48.82	-45.95	31.07	-61.32	-13.00	48.32	162	54	Horizontal			
5	5018.4000	47.95	-45.73	32.89	-60.15	-13.00	47.15	155	13	Horizontal			
6	7011.4286	47.53	-43.64	36.11	-55.26	-13.00	42.26	105	283	Horizontal			

Final	Final Data List												
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polority			
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1672.8000	52.72	-48.19	25.38	-65.35	-13.00	52.35	165	23	Vertical			
2	2509.2000	51.32	-47.24	27.80	-63.37	-13.00	50.37	142	252	Vertical			
3	3345.6000	50.89	-46.62	29.50	-61.49	-13.00	48.49	175	64	Vertical			
4	4182.0000	47.72	-45.95	31.07	-62.42	-13.00	49.42	142	227	Vertical			
5	5018.4000	48.20	-45.73	32.89	-59.90	-13.00	46.90	136	334	Vertical			
6	6543.4286	49.50	-44.58	35.21	-55.13	-13.00	42.13	291	2	Vertical			



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



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 47 of 49

# Test Band = WCDMA Band V\_ TM1 Test Channel = High

Final	Final Data List												
NO.	Frequency	Reading	Factor	A E[dD/m]	Level	Limit	Margin	Height	Angle	Dolority			
NO.	[MHz]	[dBµV]	[dB]	AF[dB/m]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1693.2000	52.57	-48.17	25.39	-65.47	-13.00	52.47	284	244	Horizontal			
2	2539.8000	54.83	-47.13	27.90	-59.66	-13.00	46.66	175	244	Horizontal			
3	3386.4000	49.18	-46.56	29.45	-63.19	-13.00	50.19	146	177	Horizontal			
4	4233.0000	48.38	-45.90	31.17	-61.61	-13.00	48.61	129	338	Horizontal			
5	5079.6000	46.35	-45.47	32.92	-61.45	-13.00	48.45	142	82	Horizontal			
6	7283.4286	49.10	-43.54	36.55	-53.14	-13.00	40.14	135	4	Horizontal			

Final	Final Data List												
NO.	Frequency	Reading	Factor	AF[dB/m]	Level	Limit	Margin	Height	Angle	Polarity			
NO.	[MHz]	[dBµV]	[dB]	Ar[ub/III]	[dBm]	[dBm]	[dB]	[cm]	[°]	Polarity			
1	1693.2000	51.24	-48.17	25.39	-66.80	-13.00	53.80	154	216	Vertical			
2	2539.8000	54.36	-47.13	27.90	-60.13	-13.00	47.13	129	212	Vertical			
3	3386.4000	48.78	-46.56	29.45	-63.59	-13.00	50.59	175	294	Vertical			
4	4233.0000	48.39	-45.90	31.17	-61.60	-13.00	48.60	235	145	Vertical			
5	5079.6000	47.57	-45.47	32.92	-60.23	-13.00	47.23	148	159	Vertical			
6	6564	48.85	-44.55	35.29	-55.67	-13.00	42.67	170	0	Vertical			

#### Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit - Level



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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions.aspx</a> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is document document for company and jurisdiction issues defined therein. Any holder of this document document for first 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 document. 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 thenk the authenticity of testing funsection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Attention\*\*To thenk the authenticity of testing funsection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Attention\*\*To thenk the authenticity of testing funsection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*Attention\*\*To thenk the authenticity of testing funsection report & certificate, please contact us at telephone: (86-755) 8307 1443, \*\*To thenk the authenticity of testing funsection report & certificate, please c

South of No. 6 Plant, No. 1, Runsheng Read, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 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 t (86–512) 62992980

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2208000146RG04

Rev.: 01

Page: 48 of 49

## **Frequency Stability**

#### **Test Result**

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	9400	VL	NT	-11.89	-0.006324	PASS
Band2	9400	VN	NT	-12.95	-0.006888	PASS
Band2	9400	VH	NT	-11.76	-0.006255	PASS
Band4	1413	VL	NT	-14.83	-0.008559	PASS
Band4	1413	VN	NT	-15.17	-0.008756	PASS
Band4	1413	VH	NT	-12.41	-0.007163	PASS

	Voltage												
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict						
Band5	4182	VL	NT	-11.05	-0.013211	±2.5	PASS						
Band5	4182	VN	NT	-11.85	-0.014168	±2.5	PASS						
Band5	4182	VH	NT	-11.39	-0.013618	±2.5	PASS						





Report No.: SEWM2208000146RG04

Rev.: 01 Page: 49 of 49

				. ago:		
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	9400	NV	-30	-13.43	-0.007144	PASS
Band2	9400	NV	-20	-13.19	-0.007016	PASS
Band2	9400	NV	0	-11.61	-0.006176	PASS
Band2	9400	NV	10	-12.81	-0.006814	PASS
Band2	9400	NV	20	-9.48	-0.005043	PASS
Band2	9400	NV	30	-11.71	-0.006229	PASS
Band2	9400	NV	40	-13.67	-0.007271	PASS
Band2	9400	NV	50	-10.72	-0.005702	PASS
Band4	1413	NV	-30	-13.99	-0.008075	PASS
Band4	1413	NV	-20	-11.72	-0.006764	PASS
Band4	1413	NV	0	-12.11	-0.006989	PASS
Band4	1413	NV	10	-13.65	-0.007878	PASS
Band4	1413	NV	20	-12.25	-0.007070	PASS
Band4	1413	NV	30	-10.89	-0.006285	PASS
Band4	1413	NV	40	-10.99	-0.006343	PASS
Band4	1413	NV	50	-13.88	-0.008011	PASS

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	4182	NV	-30	-11.02	-0.013176	±2.5	PASS
Band5	4182	NV	-20	-9.86	-0.011789	±2.5	PASS
Band5	4182	NV	0	-10.41	-0.012446	±2.5	PASS
Band5	4182	NV	10	-10.31	-0.012327	±2.5	PASS
Band5	4182	NV	20	-9.61	-0.011490	±2.5	PASS
Band5	4182	NV	30	-9.14	-0.010928	±2.5	PASS
Band5	4182	NV	40	-9.08	-0.010856	±2.5	PASS
Band5	4182	NV	50	-9.26	-0.011071	±2.5	PASS

---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 <a href="http://www.sgs.com/en/Terms-and-Conditions.aspx">http://www.sgs.com/en/Terms-and-Conditions</a> for electronic format documents, subject to Terms and Conditions for Electronic Documents at <a href="http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx">http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx</a>. 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 falisfication 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) 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: CVD Doccheck@sss.com.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (liangsu) Pikol 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