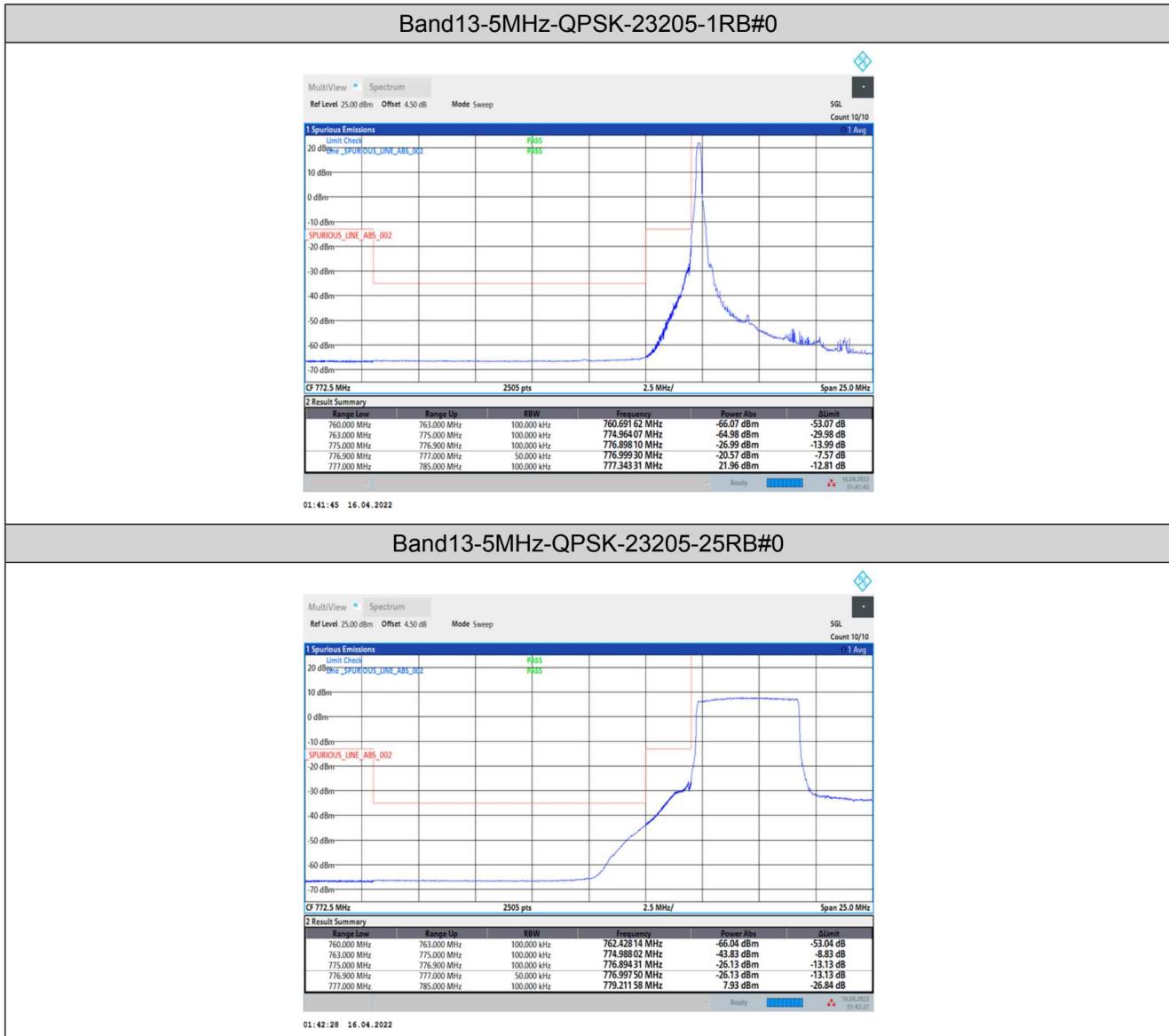


Report No.: SEWA2309000114RG01
Rev.: 01
Page: 17 of 34

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 <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 the document is advised that the information contained herein reflects the findings of its intervention only and within the limits of its Client's instructions. If any part of the Company's findings conflicts with its Client's and third parties' documents, no general passes to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

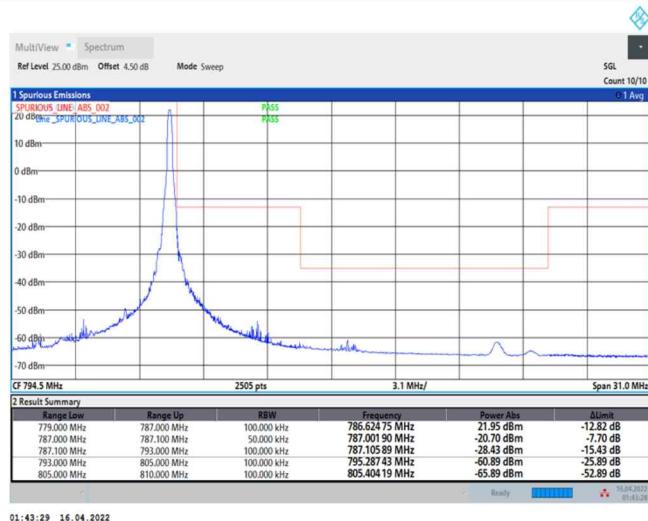


SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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.: SEWA2309000114RG01
Rev.: 01
Page: 18 of 34

Band13-5MHz-QPSK-23255-1RB#24

01:43:29 16.04.2022

Band13-5MHz-QPSK-23255-25RB#0

01:44:12 16.04.2022

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



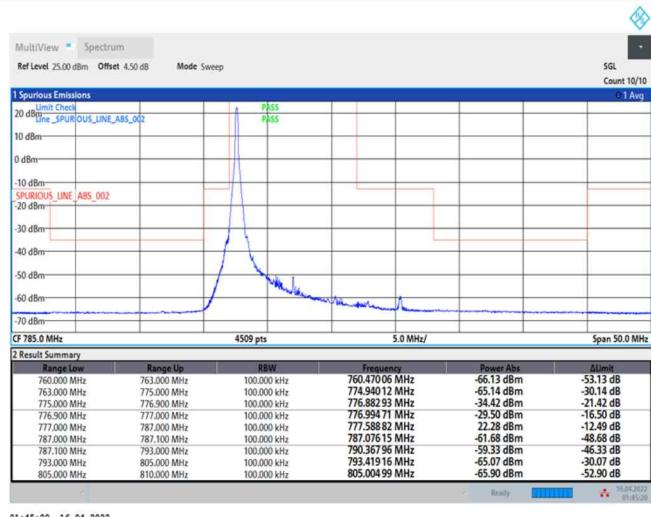
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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

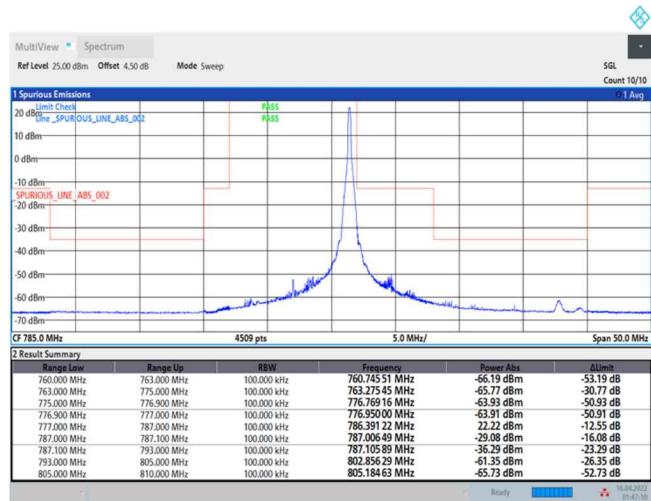
Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 19 of 34

Band13-10MHz-QPSK-23230-1RB#0



01:45:20 16.04.2022

Band13-10MHz-QPSK-23230-1RB#49



01:47:10 16.04.2022

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

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

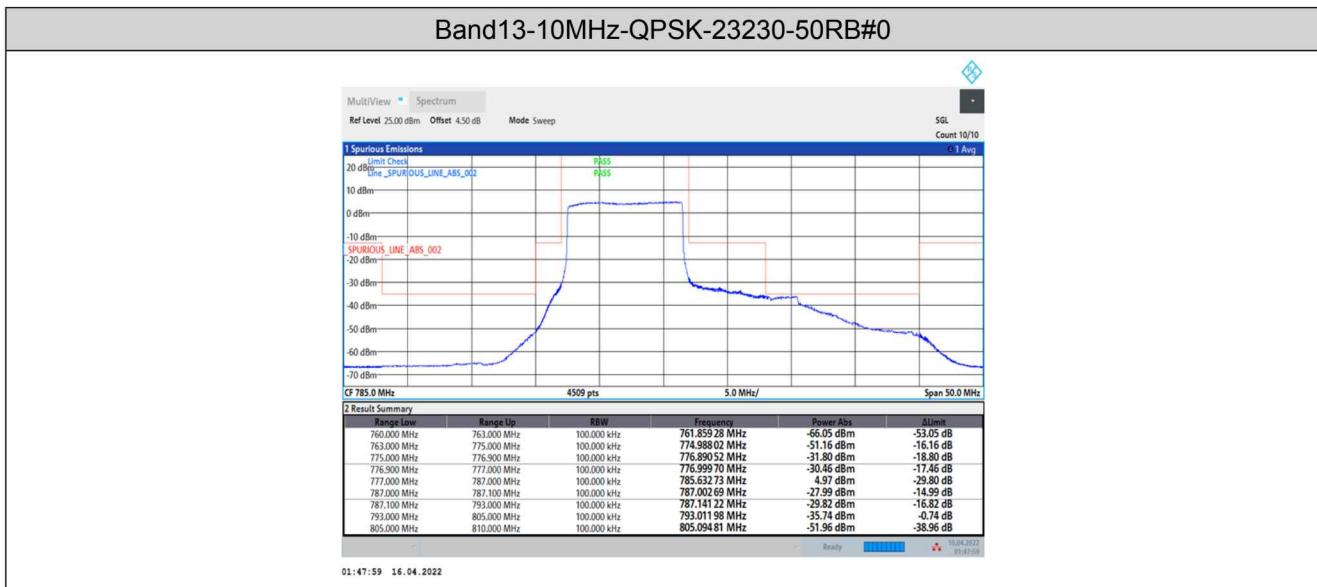


SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

South of 6 Plant, 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.: SEWA2309000114RG01
Rev.: 01
Page: 20 of 34



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

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



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) 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

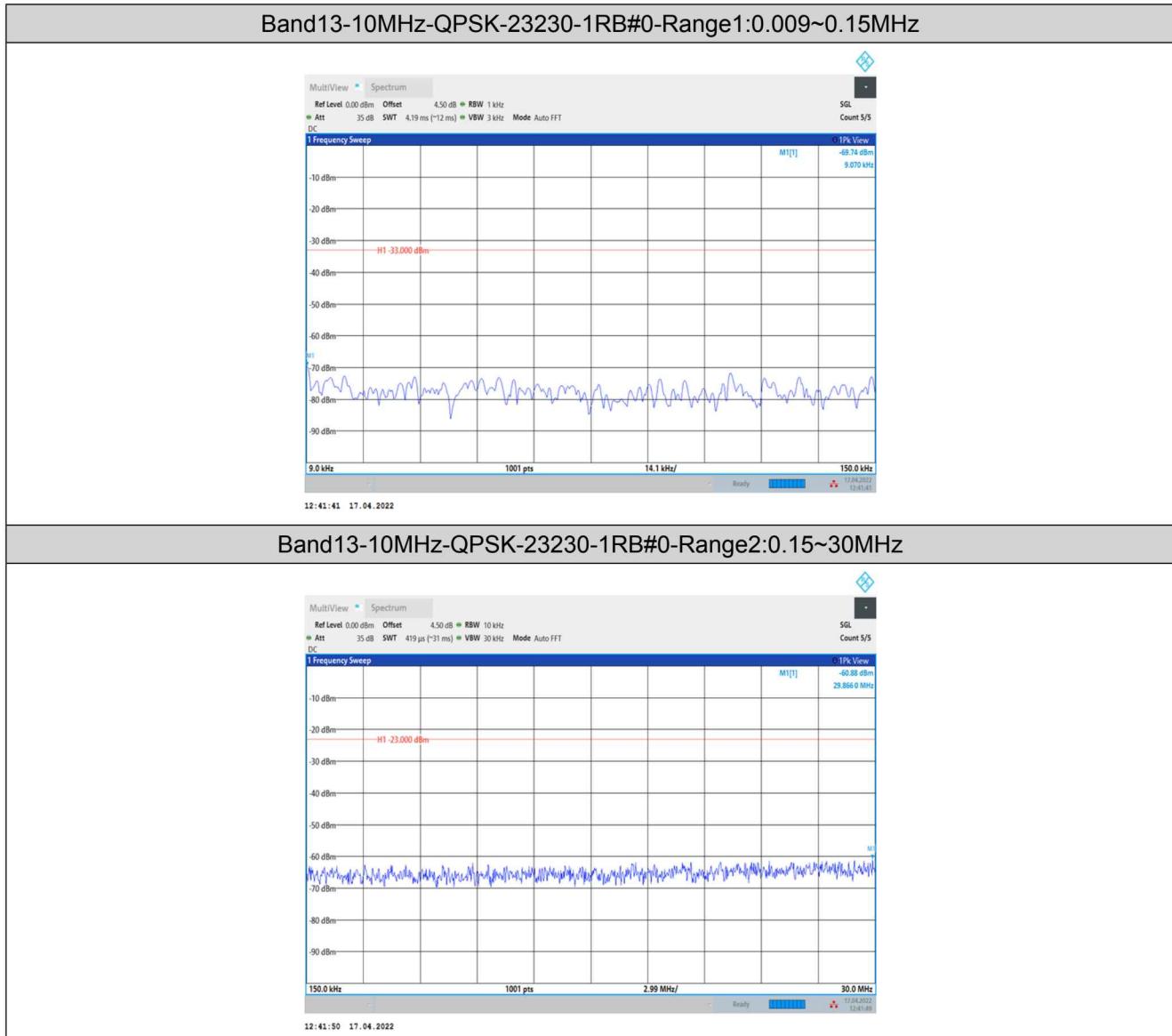
t (86-512) 62992980 www.sgsgroup.com.cn

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

Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 21 of 34

Conducted Spurious Emission

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/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of the document is advised that this document, if any, only 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 only responsibility towards its Client and third parties does not extend beyond the transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is 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

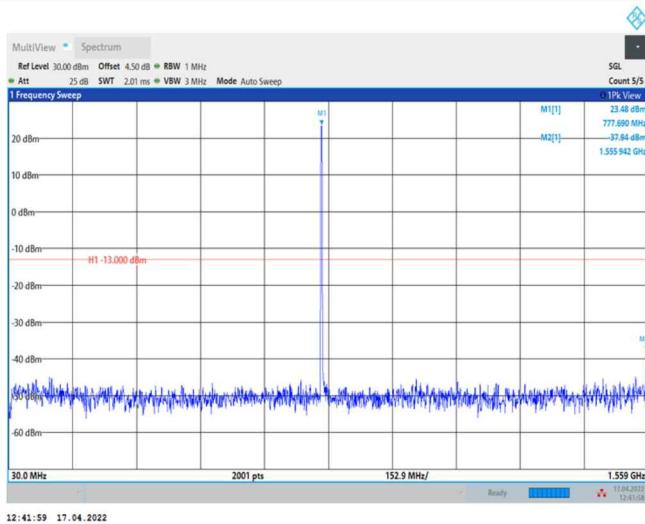
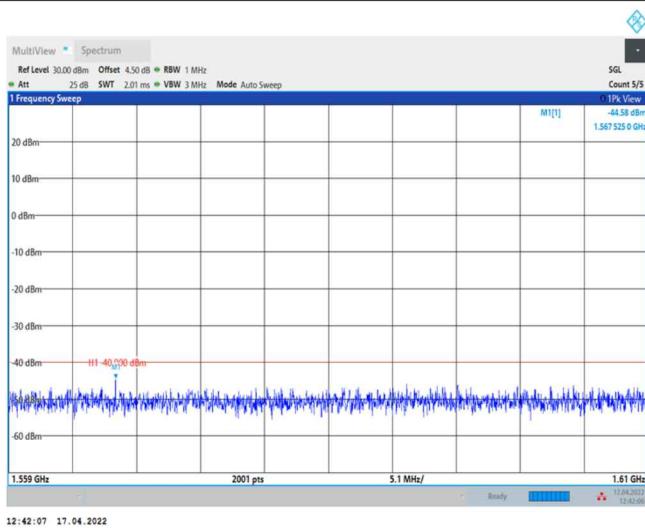


SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
 Wireless Laboratory

South 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.: SEWA2309000114RG01
Rev.: 01
Page: 22 of 34

Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1559MHz**Band13-10MHz-QPSK-23230-1RB#0-Range4:1559~1610MHz**

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 the document is advised that his/her/its continued possession 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 obligations under this document do not, in general, pass to a third party, the Client and third party shall be bound by 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.

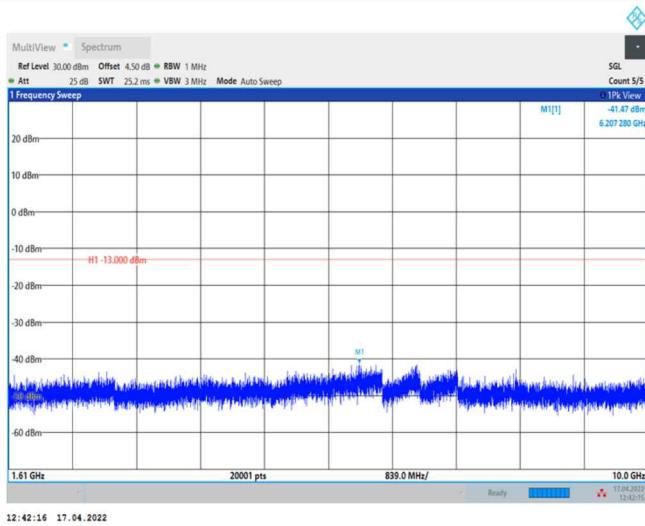
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



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

South of No.6 Plant, 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot 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.: SEWA2309000114RG01
Rev.: 01
Page: 23 of 34

Band13-10MHz-QPSK-23230-1RB#0-Range5:1610~10000MHz

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 the document is advised that his/her consent to be bound by the conditions herein reflects the true intent of its intervention only and within the limits of Client's responsibilities. If any of The Company's findings in this document conflict with those of its Client and third parties to a transaction from exercising all their rights and obligations under the transaction documents, This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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) 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

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

Report No.: SEWA2309000114RG01
Rev.: 01
Page: 24 of 34

Field Strength of Spurious Radiation

Test Band = LTE Band 13 BW 10M_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.18	62.13	-118.21	-56.08	-13.00	43.08	263	208	Horizontal
2	2332.77	60.72	-115.31	-54.59	-13.00	41.59	241	145	Horizontal
3	3110.36	51.13	-112.21	-61.08	-13.00	48.08	176	176	Horizontal
4	3887.95	50.83	-110.47	-59.64	-13.00	46.64	254	62	Horizontal
5	4665.54	50.11	-108.04	-57.93	-13.00	44.93	186	62	Horizontal
6	5443.13	52.65	-106.49	-53.84	-13.00	40.84	264	239	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1555.18	54.53	-118.21	-63.68	-13.00	50.68	163	31	Vertical
2	2432	65.52	-114.81	-49.29	-13.00	36.29	251	113	Vertical
3	3110.36	52.18	-112.21	-60.03	-13.00	47.03	175	300	Vertical
4	3887.95	52.47	-110.47	-58.00	-13.00	45.00	265	289	Vertical
5	4665.54	51.05	-108.04	-56.99	-13.00	43.99	185	8	Vertical
6	5443.13	52.54	-106.49	-53.95	-13.00	40.95	147	194	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 <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 the document is advised that this document, if reproduced, reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions. If any part of the document is at variance with its Client's instructions, the document does not, in general, pertain to that transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
Rev.: 01
Page: 25 of 34

Test Band = LTE Band 13 BW 5M_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	58.65	-118.21	-59.56	-13.00	46.56	263	71	Horizontal
2	2332	62.39	-115.31	-52.92	-13.00	39.92	251	136	Horizontal
3	3109.36	51.72	-112.22	-60.50	-13.00	47.50	174	166	Horizontal
4	3886.7	51.18	-110.47	-59.29	-13.00	46.29	163	71	Horizontal
5	4664.04	50.05	-108.04	-57.99	-13.00	44.99	254	156	Horizontal
6	5441.38	51.48	-106.49	-55.01	-13.00	42.01	147	187	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	53.35	-118.21	-64.86	-13.00	51.86	263	18	Vertical
2	2332.02	52.49	-115.31	-62.82	-13.00	49.82	251	174	Vertical
3	3109.36	51.95	-112.22	-60.27	-13.00	47.27	176	3	Vertical
4	3886.7	49.63	-110.47	-60.84	-13.00	47.84	241	298	Vertical
5	4664.04	50.01	-108.04	-58.03	-13.00	45.03	177	80	Vertical
6	5441.38	51.72	-106.49	-54.77	-13.00	41.77	185	236	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 <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 the document is advised that this document, if reproduced, 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 responsibilities to its Client and third parties do not extend to a general review to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
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.: SEWA2309000114RG01
Rev.: 01
Page: 26 of 34

Test Band = LTE Band 13 BW 5M_ TM1**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	60.75	-118.21	-57.46	-40.00	17.46	263	61	Horizontal
2	2339.52	63.82	-115.29	-51.47	-13.00	38.47	251	135	Horizontal
3	3119.36	51.80	-112.19	-60.39	-13.00	47.39	176	217	Horizontal
4	3899.2	50.54	-110.43	-59.89	-13.00	46.89	254	197	Horizontal
5	4679.04	50.57	-107.99	-57.42	-13.00	44.42	177	360	Horizontal
6	5458.88	51.55	-106.48	-54.93	-13.00	41.93	185	357	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	55.42	-118.21	-62.79	-40.00	22.79	263	174	Vertical
2	2339.52	54.07	-115.29	-61.22	-13.00	48.22	251	268	Vertical
3	3119.36	52.58	-112.19	-59.61	-13.00	46.61	176	20	Vertical
4	3899.2	50.45	-110.43	-59.98	-13.00	46.98	241	124	Vertical
5	4679.04	50.12	-107.99	-57.87	-13.00	44.87	178	124	Vertical
6	5458.88	51.49	-106.48	-54.99	-13.00	41.99	264	92	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 <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 the document is advised that this document, if not combined herein, 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 obligations to its Client and third parties do not, in general, pertain to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
Rev.: 01
Page: 27 of 34

Test Band = LTE Band 13 BW 5M_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564	62.86	-118.21	-55.35	-40.00	15.35	263	206	Horizontal
2	2347.02	65.32	-115.27	-49.95	-13.00	36.95	251	144	Horizontal
3	3129.36	51.32	-112.17	-60.85	-13.00	47.85	176	71	Horizontal
4	3911.7	51.02	-110.40	-59.38	-13.00	46.38	241	30	Horizontal
5	4694.04	50.26	-107.94	-57.68	-13.00	44.68	185	352	Horizontal
6	5476.38	51.39	-106.46	-55.07	-13.00	42.07	264	289	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564	57.42	-118.21	-60.79	-40.00	20.79	263	239	Vertical
2	2347.02	55.79	-115.27	-59.48	-13.00	46.48	241	12	Vertical
3	3129.36	52.00	-112.17	-60.17	-13.00	47.17	176	7	Vertical
4	3911.7	50.69	-110.40	-59.71	-13.00	46.71	241	85	Vertical
5	4694.04	49.92	-107.94	-58.02	-13.00	45.02	178	65	Vertical
6	5476.38	52.04	-106.46	-54.42	-13.00	41.42	264	133	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 <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 the document is advised that this document, if not combined herein, 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 responsibilities to its Client and third parties do not, in general, pertain to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
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
Wireless Laboratory t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 28 of 34

Test Band = UL CA Band 2A-13A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	40.77	-95.18	-54.41	-13.00	41.41	263	11	Horizontal
2	2332.02	40.56	-92.24	-51.68	-13.00	38.68	251	37	Horizontal
3	3109.36	52.50	-111.62	-59.12	-13.00	46.12	174	296	Horizontal
4	3702.18	51.33	-111.07	-59.74	-13.00	46.74	162	198	Horizontal
5	5553.27	49.47	-106.36	-56.89	-13.00	43.89	284	344	Horizontal
6	7404.36	48.02	-100.78	-52.76	-13.00	39.76	176	230	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	40.68	-95.18	-54.50	-13.00	41.50	263	350	Vertical
2	2332.02	40.37	-92.24	-51.87	-13.00	38.87	241	204	Vertical
3	3109.36	51.41	-111.62	-60.21	-13.00	47.21	176	4	Vertical
4	3702.18	49.47	-111.07	-61.60	-13.00	48.60	254	49	Vertical
5	5553.27	49.20	-106.36	-57.16	-13.00	44.16	177	49	Vertical
6	7404.36	48.72	-100.78	-52.06	-13.00	39.06	264	49	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 <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 the document is advised that his/her continued possession 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 obligations to its Client and third parties do not, in general, pass to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
Rev.: 01
Page: 29 of 34

Test Band = UL CA Band 2A-13A_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	40.25	-95.17	-54.92	-13.00	41.92	263	69	Horizontal
2	2339.52	40.95	-92.21	-51.26	-13.00	38.26	241	89	Horizontal
3	3119.36	51.04	-111.58	-60.54	-13.00	47.54	176	309	Horizontal
4	3742.18	52.92	-110.86	-57.94	-13.00	44.94	284	3	Horizontal
5	5613.27	51.31	-106.14	-54.83	-13.00	41.83	188	98	Horizontal
6	7484.36	47.22	-100.43	-53.21	-13.00	40.21	264	32	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	41.25	-95.17	-53.92	-13.00	40.92	263	0	Vertical
2	2339.52	40.40	-92.21	-51.81	-13.00	38.81	241	1	Vertical
3	3119.36	51.67	-111.58	-59.91	-13.00	46.91	176	66	Vertical
4	3742.18	50.50	-110.86	-60.36	-13.00	47.36	281	162	Vertical
5	5613.27	51.58	-106.14	-54.56	-13.00	41.56	178	81	Vertical
6	7484.36	50.33	-100.43	-50.10	-13.00	37.10	264	178	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 <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 the document is advised that this document, if not combined herein, 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 obligations to its Client and third parties do not, in general, pass to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
Rev.: 01
Page: 30 of 34

Test Band = UL CA Band 2A-13A_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	41.86	-95.16	-53.30	-13.00	40.30	152	192	Horizontal
2	2347.02	40.97	-92.18	-51.21	-13.00	38.21	263	286	Horizontal
3	3129.36	50.65	-111.55	-60.90	-13.00	47.90	262	360	Horizontal
4	3782.18	53.58	-110.66	-57.08	-13.00	44.08	142	360	Horizontal
5	5673.27	48.46	-105.88	-57.42	-13.00	44.42	284	3	Horizontal
6	7564.36	49.02	-100.01	-50.99	-13.00	37.99	162	38	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	40.66	-95.16	-54.50	-13.00	41.50	263	10	Vertical
2	2347.02	40.78	-92.18	-51.40	-13.00	38.40	251	1	Vertical
3	3129.36	51.56	-111.55	-59.99	-13.00	46.99	144	28	Vertical
4	3782.18	52.46	-110.66	-58.20	-13.00	45.20	265	194	Vertical
5	5673.27	51.03	-105.88	-54.85	-13.00	41.85	284	278	Vertical
6	7564.36	52.42	-100.01	-47.59	-13.00	34.59	375	47	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 <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 the document is advised that this document, if not combined herein, 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 obligations to its Client and third parties do not, in general, pass to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 31 of 34

Test Band = UL CA Band 4A-13A_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	40.60	-95.18	-54.58	-13.00	41.58	263	224	Horizontal
2	2332.02	40.89	-92.24	-51.35	-13.00	38.35	251	276	Horizontal
3	3109.36	50.32	-111.62	-61.30	-13.00	48.30	174	82	Horizontal
4	3422.18	50.02	-111.71	-61.69	-13.00	48.69	185	49	Horizontal
5	5133.27	49.31	-106.90	-57.59	-13.00	44.59	265	113	Horizontal
6	6844.36	51.17	-101.87	-50.70	-13.00	37.70	284	212	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	40.36	-95.18	-54.82	-13.00	41.82	256	297	Vertical
2	2332.02	40.43	-92.24	-51.81	-13.00	38.81	263	78	Vertical
3	3109.36	51.91	-111.62	-59.71	-13.00	46.71	262	47	Vertical
4	3422.18	49.98	-111.71	-61.73	-13.00	48.73	251	64	Vertical
5	5133.27	50.48	-106.90	-56.42	-13.00	43.42	174	32	Vertical
6	6844.36	48.59	-101.87	-53.28	-13.00	40.28	265	112	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 <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 the document is advised that his/her continued possession 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 obligations to its Client and third parties do not conform to general rules to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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



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

Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 32 of 34

Test Band = UL CA Band 4A-13A_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	40.96	-95.17	-54.21	-13.00	41.21	263	98	Horizontal
2	2339.52	40.56	-92.21	-51.65	-13.00	38.65	251	17	Horizontal
3	3119.36	50.99	-111.58	-60.59	-13.00	47.59	174	82	Horizontal
4	3447.18	51.05	-111.65	-60.60	-13.00	47.60	162	3	Horizontal
5	5170.77	48.38	-106.85	-58.47	-13.00	45.47	284	181	Horizontal
6	6894.36	48.38	-101.71	-53.33	-13.00	40.33	177	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	40.73	-95.17	-54.44	-13.00	41.44	263	38	Vertical
2	2339.52	40.37	-92.21	-51.84	-13.00	38.84	251	215	Vertical
3	3119.36	50.63	-111.58	-60.95	-13.00	47.95	142	246	Vertical
4	3447.18	50.52	-111.65	-61.13	-13.00	48.13	265	130	Vertical
5	5170.77	48.87	-106.85	-57.98	-13.00	44.98	255	180	Vertical
6	6894.36	48.73	-101.71	-52.98	-13.00	39.98	148	229	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 <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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions. The Company is not responsible for its retention. This document is not general practice to the transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is 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: +(86-512) 2307 9444 or email: CM.Document@sgs.com

South of No. 6 Plant, No. 1, Ruizheng 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通昌路1号6号厂房南部

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

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



Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 33 of 34

Test Band = UL CA Band 4A-13A_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	41.25	-95.16	-53.91	-13.00	40.91	251	357	Horizontal
2	2347.02	40.10	-92.18	-52.08	-13.00	39.08	142	266	Horizontal
3	3129.36	50.51	-111.55	-61.04	-13.00	48.04	263	227	Horizontal
4	3472.18	53.13	-111.61	-58.48	-13.00	45.48	251	193	Horizontal
5	5208.27	49.63	-106.80	-57.17	-13.00	44.17	172	275	Horizontal
6	6944.36	47.64	-101.67	-54.03	-13.00	41.03	262	350	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	40.67	-95.16	-54.49	-13.00	41.49	296	138	Vertical
2	2347.02	40.55	-92.18	-51.63	-13.00	38.63	362	1	Vertical
3	3129.36	52.66	-111.55	-58.89	-13.00	45.89	284	32	Vertical
4	3472.18	53.81	-111.61	-57.80	-13.00	44.80	175	3	Vertical
5	5208.27	49.17	-106.80	-57.63	-13.00	44.63	265	3	Vertical
6	6944.36	46.68	-101.67	-54.99	-13.00	41.99	247	243	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 <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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions. The Company is not responsible for its retention by the Client. This document is not general practice to transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: +(86-512) 62992980 or email: CHI.Document@sgs.com

South of No. 6 Plant, No. 1, Runzeng 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

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

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



Report No.: SEWA2309000114RG01
 Rev.: 01
 Page: 34 of 34

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	1.60	0.002046	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	1.10	0.001407	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	1.80	0.002302	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	1.20	0.001535	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-0.20	-0.000256	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	1.50	0.001918	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.30	-0.002941	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-0.30	-0.000384	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	0.60	0.000767	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.60	0.000767	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-0.50	-0.000639	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	1.30	0.001662	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 <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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions. The Company shall not be responsible for its retention or use by the Client or its general practice to retransmit the document to third parties. 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: +(86-512) 62992980 or email: CHI.Document@sgs.com

SGS of No. 6 Plant, No. 1, Ruzheng 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通昌路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

