



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 1 of 45

Appendix B.37

NR Band n30



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 2 of 45

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.56	17.86	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.54	17.84	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	23.62	17.92	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Left	23.61	17.91	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Right	23.53	17.83	23.98	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	23.32	17.62	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Left	23.56	17.86	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Right	23.2	17.5	23.98	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	22.13	16.43	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Left	21.77	16.07	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Right	21.4	15.7	23.98	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	21.63	15.93	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Left	19.9	14.2	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Right	19.78	14.08	23.98	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	20.04	14.34	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.63	17.93	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.57	17.87	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	23.16	17.46	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Left	23.54	17.84	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Right	23.52	17.82	23.98	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	22.57	16.87	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Left	22.69	16.99	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Right	22.75	17.05	23.98	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	21.46	15.76	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Left	20.94	15.24	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Right	21.04	15.34	23.98	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	21.01	15.31	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Left	19.39	13.69	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Right	19.5	13.8	23.98	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	19.52	13.82	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.54	17.84	23.98	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 3 of 45

N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.59	17.89	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	23.01	17.31	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Left	23.34	17.64	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Right	23.56	17.86	23.98	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	22.47	16.77	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Left	22.52	16.82	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Right	22.85	17.15	23.98	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	21.41	15.71	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Left	20.82	15.12	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Right	21.17	15.47	23.98	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	21.01	15.31	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Left	19.33	13.63	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Right	19.7	14	23.98	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	19.56	13.86	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	21.34	15.64	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.56	16.86	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	22.63	16.93	23.98	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Left	22.84	17.14	23.98	PASS
N30	15	10	DFT-QPSK	L	Inner_1RB_Right	22.49	16.79	23.98	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	22.61	16.91	23.98	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Left	22.35	16.65	23.98	PASS
N30	15	10	DFT-16QAM	L	Inner_1RB_Right	21.98	16.28	23.98	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	21.81	16.11	23.98	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Left	21.36	15.66	23.98	PASS
N30	15	10	DFT-64QAM	L	Inner_1RB_Right	20.92	15.22	23.98	PASS
N30	15	10	DFT-64QAM	L	Outer_Full	21.61	15.91	23.98	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Left	19.82	14.12	23.98	PASS
N30	15	10	DFT-256QAM	L	Inner_1RB_Right	19.56	13.86	23.98	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	19.8	14.1	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.27	17.57	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.85	17.15	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	22.91	17.21	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Left	23.11	17.41	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Right	22.72	17.02	23.98	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	22.86	17.16	23.98	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Left	22.57	16.87	23.98	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Right	22.19	16.49	23.98	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	21.99	16.29	23.98	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 4 of 45

N30	15	10	DFT-64QAM	M	Inner_1RB_Left	21.43	15.73	23.98	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Right	21.04	15.34	23.98	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	21.72	16.02	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Left	19.81	14.11	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Right	19.67	13.97	23.98	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	19.98	14.28	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.38	17.68	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	22.94	17.24	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	23.01	17.31	23.98	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Left	23.18	17.48	23.98	PASS
N30	15	10	DFT-QPSK	H	Inner_1RB_Right	22.79	17.09	23.98	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	22.92	17.22	23.98	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Left	22.64	16.94	23.98	PASS
N30	15	10	DFT-16QAM	H	Inner_1RB_Right	22.25	16.55	23.98	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	22.07	16.37	23.98	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Left	21.48	15.78	23.98	PASS
N30	15	10	DFT-64QAM	H	Inner_1RB_Right	21.1	15.4	23.98	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	21.77	16.07	23.98	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Left	19.91	14.21	23.98	PASS
N30	15	10	DFT-256QAM	H	Inner_1RB_Right	19.8	14.1	23.98	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	19.98	14.28	23.98	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 5 of 45

Power Spectral Density Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	EIRP	Limit	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.03	16.33	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	21.45	15.75	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	20.2	14.5	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	21.56	15.86	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	21.67	15.97	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	20.11	14.41	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	21.5	15.8	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.13	16.43	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	20.39	14.69	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	21.78	16.08	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.27	16.57	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	18.82	13.12	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	21.32	15.62	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	21.95	16.25	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	18.53	12.83	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	21.02	15.32	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	21.79	16.09	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	18.45	12.75	23.98	PASS



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

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

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

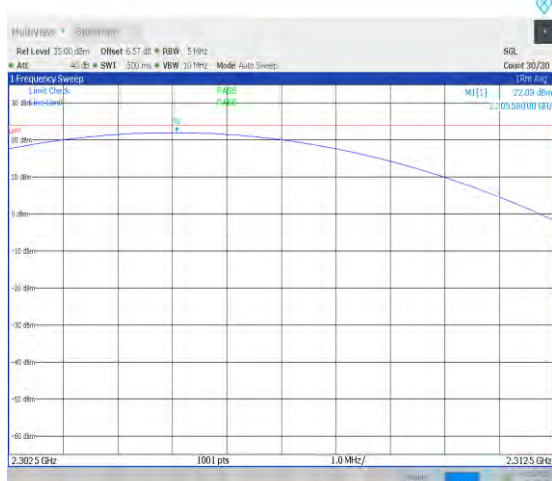
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000008RG02

Rev.: 01

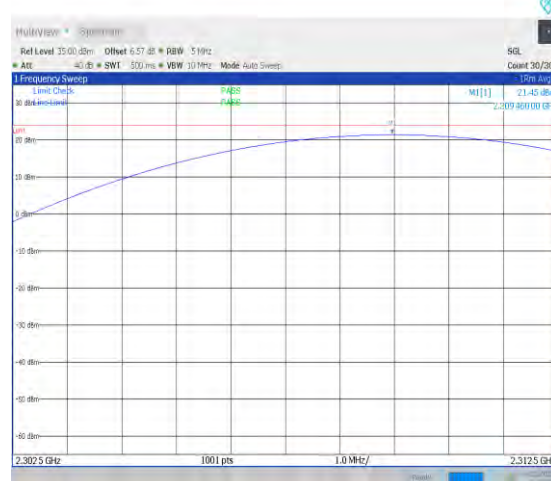
Page: 6 of 45

Test Graphs



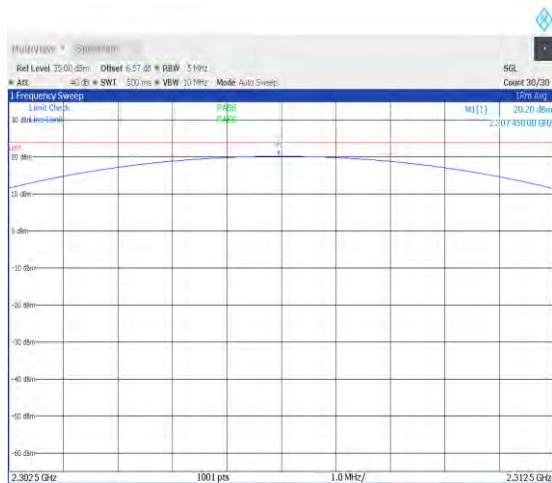
14:59:10 04.05.2022

1-N30-PC3-15-5-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-2302.5-2312.5-Ant1-22.03-23.98-PASS



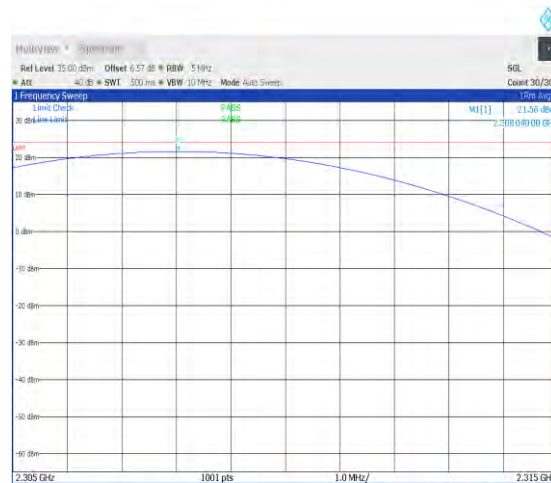
15:00:07 04.05.2022

1-N30-PC3-15-5-L-2-DFT-PI2BPSK-Inner_1RB_Right
-1@23-2302.5-2312.5-Ant1-21.45-23.98-PASS



15:00:14 04.05.2022

1-N30-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25
@0-2302.5-2312.5-Ant1-20.20-23.98-PASS



15:01:16 04.05.2022

1-N30-PC3-15-5-M-1-DFT-PI2BPSK-Inner_1RB_Left
1@1-2305-2315-Ant1-21.56-23.98-PASS



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

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

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

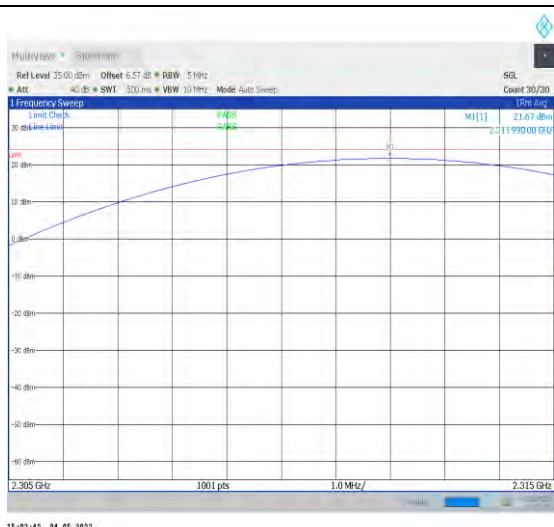
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

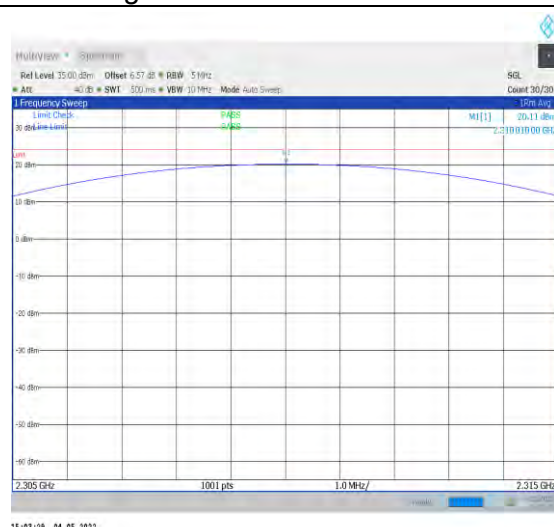
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 7 of 45



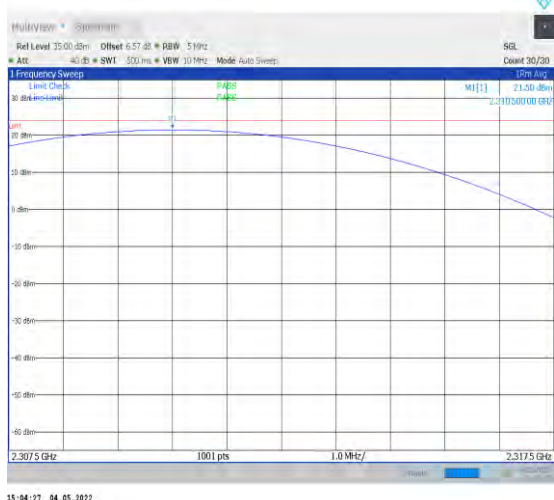
15:02:40 04.05.2022



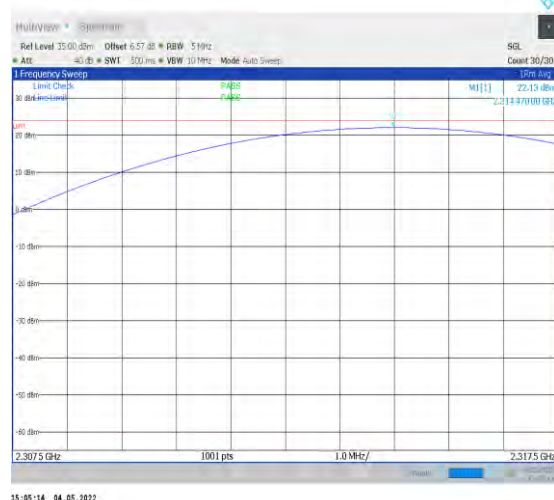
15:03:29 04.05.2022

1-N30-PC3-15-5-M-2-DFT-PI2BPSK-Inner_1RB_Ri
ght-1@23-2305-2315-Ant1-21.67-23.98-PASS

1-N30-PC3-15-5-M-3-DFT-PI2BPSK-Outer_Full-25@
0-2305-2315-Ant1-20.11-23.98-PASS



15:04:27 04.05.2022



15:05:14 04.05.2022

1-N30-PC3-15-5-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-2307.5-2317.5-Ant1-21.50-23.98-PASS

1-N30-PC3-15-5-H-2-DFT-PI2BPSK-Inner_1RB_Righ
t-1@23-2307.5-2317.5-Ant1-22.13-23.98-PASS



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

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

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

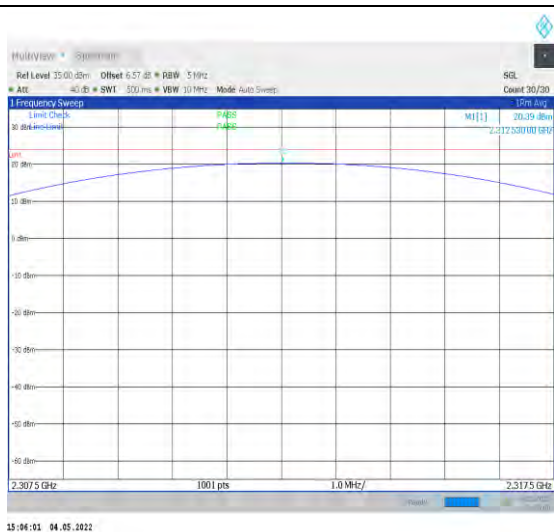
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

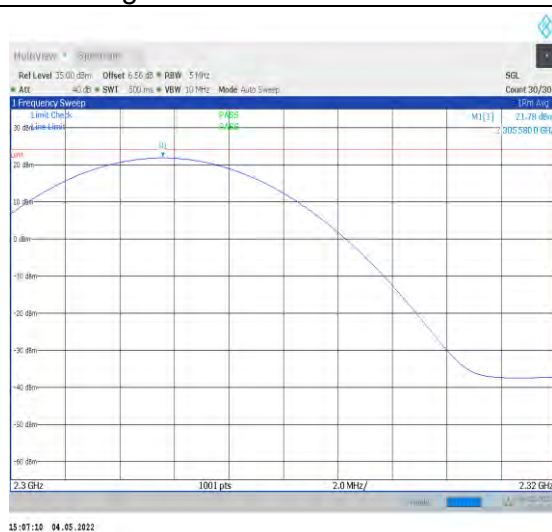
Rev.: 01

Page: 8 of 45



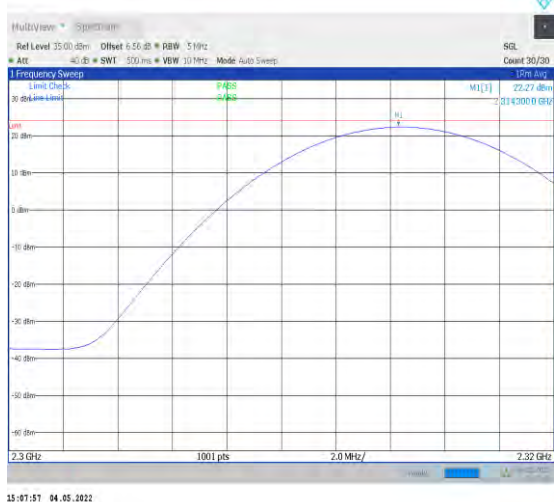
15:06:01 04.05.2022

1-N30-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25
@0-2307.5-2317.5-Ant1-20.39-23.98-PASS



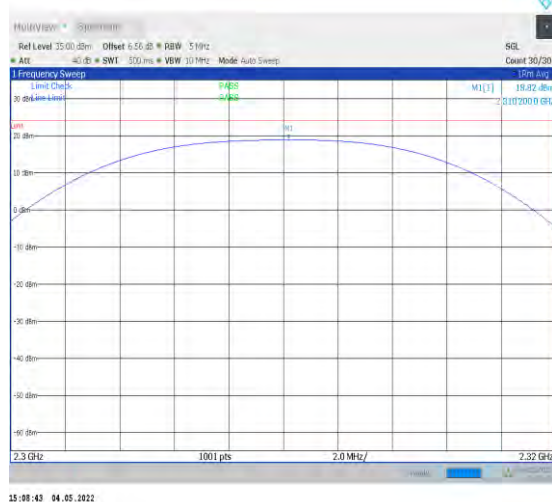
15:07:10 04.05.2022

1-N30-PC3-15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-2300-2320-Ant1-21.78-23.98-PASS



15:07:57 04.05.2022

1-N30-PC3-15-10-L-2-DFT-PI2BPSK-Inner_1RB_Ri
ght-1@50-2300-2320-Ant1-22.27-23.98-PASS



15:08:43 04.05.2022

1-N30-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50
@0-2300-2320-Ant1-18.82-23.98-PASS



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

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

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

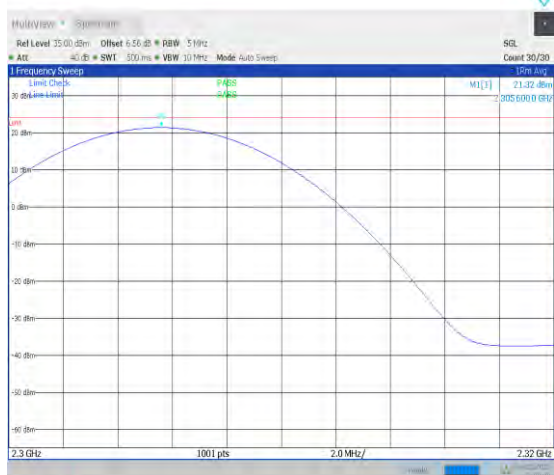
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

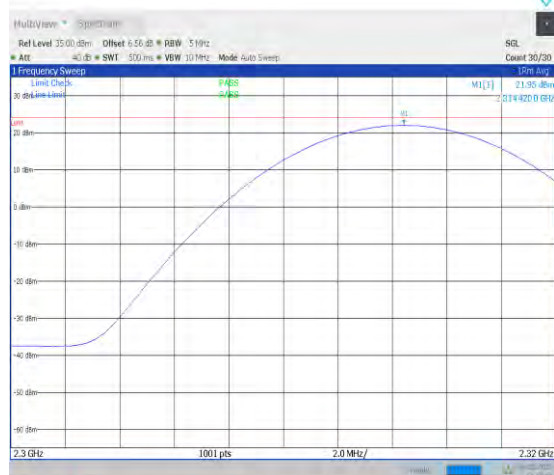
Rev.: 01

Page: 9 of 45



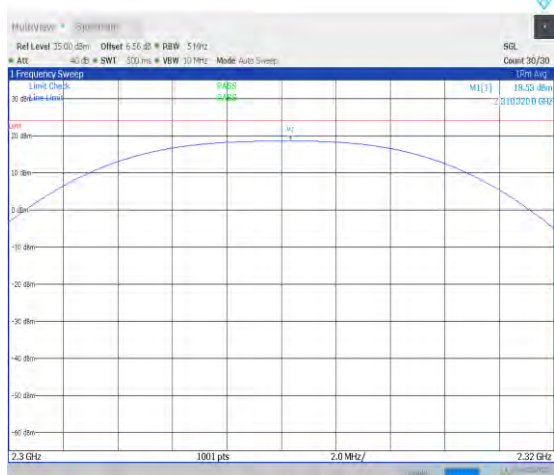
15:09:30 04.05.2022

1-N30-PC3-15-10-M-1-DFT-PI2BPSK-Inner_1RB_L
eff-1@1-2300-2320-Ant1-21.32-23.98-PASS



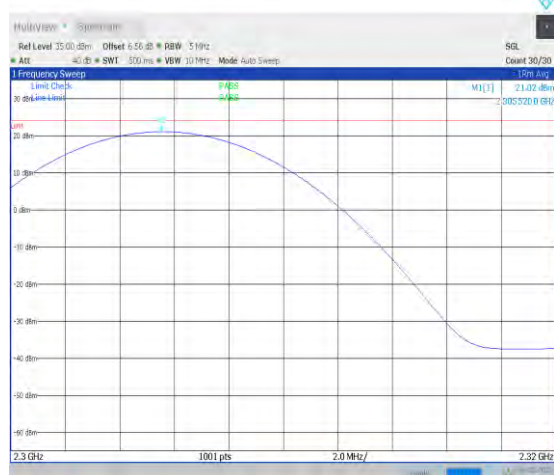
15:10:17 04.05.2022

1-N30-PC3-15-10-M-2-DFT-PI2BPSK-Inner_1RB_Rig
ht-1@50-2300-2320-Ant1-21.95-23.98-PASS



15:11:04 04.05.2022

1-N30-PC3-15-10-M-3-DFT-PI2BPSK-Outter_Full-50
@0-2300-2320-Ant1-18.53-23.98-PASS



15:11:59 04.05.2022

1-N30-PC3-15-10-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-2300-2320-Ant1-21.02-23.98-PASS



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

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

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

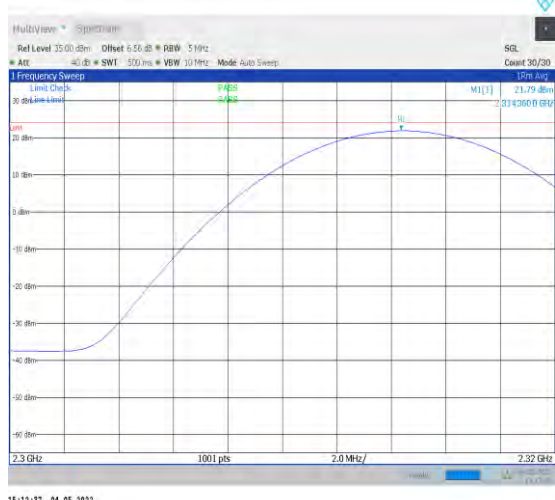
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

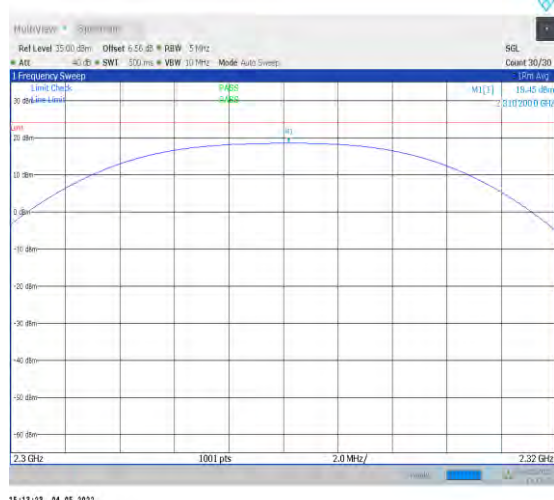
Rev.: 01

Page: 10 of 45



15:12:37 04.05.2022

1-N30-PC3-15-10-H-2-DFT-PI2BPSK-Inner_1RB_Ri
ght-1@50-2300-2320-Ant1-21.79-23.98-PASS



15:13:23 04.05.2022

1-N30-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50
@0-2300-2320-Ant1-18.45-23.98-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 11 of 45

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N30	15	10	DFT-256QAM	L	Outer_Full	100%	0.00	8.12	≤13	PASS
N30	15	10	CP-256QAM	L	Outer_Full	100%	0.00	9.30	≤13	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	100%	0.00	8.10	≤13	PASS
N30	15	10	CP-256QAM	M	Outer_Full	100%	0.00	9.36	≤13	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	100%	0.00	8.11	≤13	PASS
N30	15	10	CP-256QAM	H	Outer_Full	100%	0.00	9.36	≤13	PASS



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

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

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

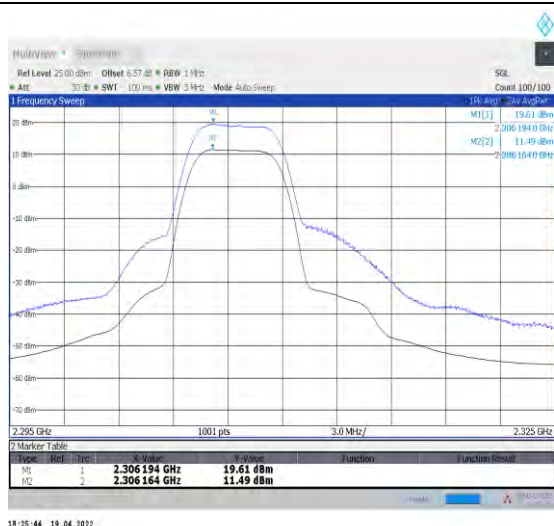
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2204000008RG02

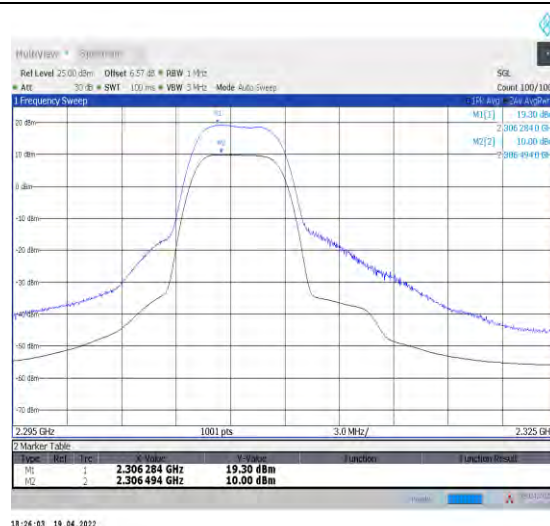
Rev.: 01

Page: 12 of 45

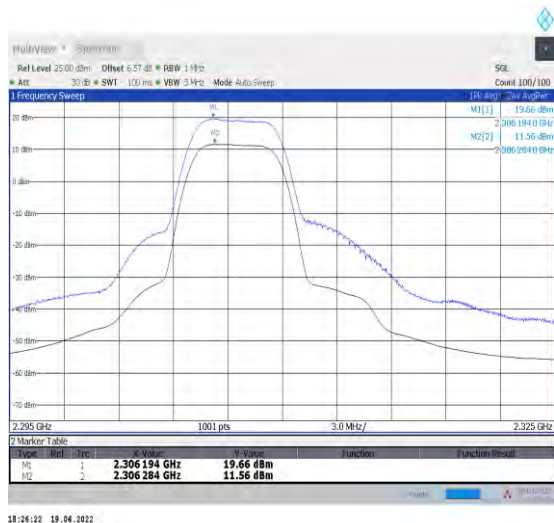
Test Graphs



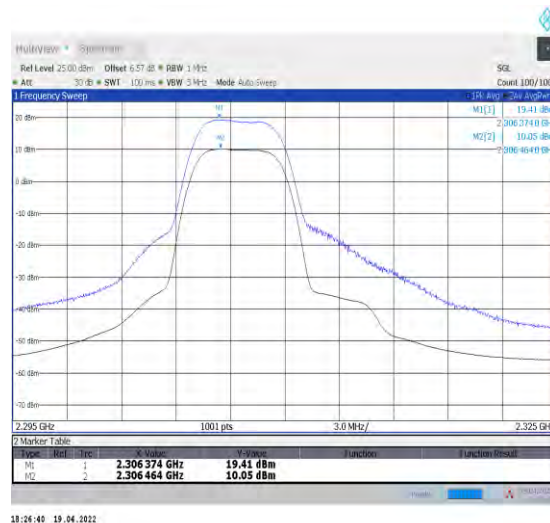
1-N30--15-10-L-1-DFT-256QAM-Outer_Full-24@0-A
nt1-8.12-100%-0.00-8.12-PASS≤13



1-N30--15-10-L-2-CP-256QAM-Outer_Full-24@0-An
t1-9.30-100%-0.00-9.30-PASS≤13



1-N30--15-10-M-1-DFT-256QAM-Outer_Full-24@0-A
nt1-8.10-100%-0.00-8.10-PASS≤13



1-N30--15-10-M-2-CP-256QAM-Outer_Full-24@0-A
nt1-9.36-100%-0.00-9.36-PASS≤13



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

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

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

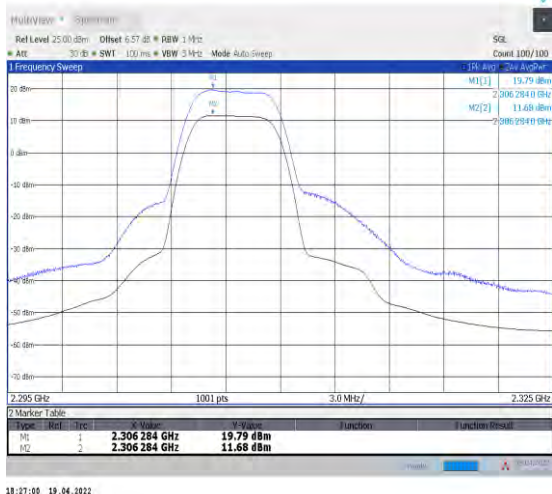
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

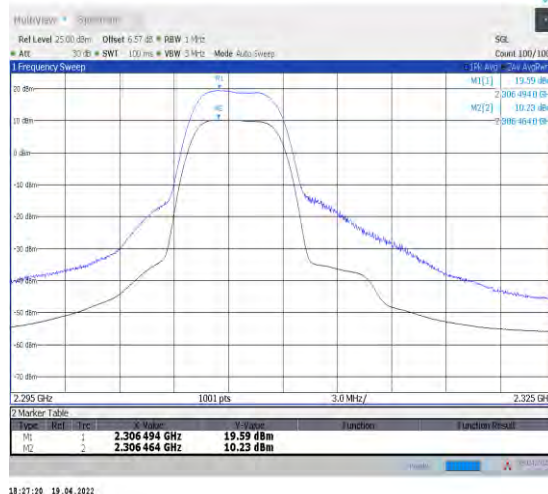
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 13 of 45



1-N30--15-10-H-1-DFT-256QAM-Outer_Full-24@0-A
nt1-8.11-100%-0.00-8.11-PASS≤13



1-N30--15-10-H-2-CP-256QAM-Outer_Full-24@0-A
nt1-9.36-100%-0.00-9.36-PASS≤13



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 14 of 45

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N30	15	5	DFT-QPSK	L	Outer_Full	4.495	5.170	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.475	5.030	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.475	5.020	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	4.503	5.070	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	4.473	5.050	PASS
N30	15	5	CP-QPSK	L	Outer_Full	4.472	5.100	PASS
N30	15	5	CP-16QAM	L	Outer_Full	4.463	5.050	PASS
N30	15	5	CP-64QAM	L	Outer_Full	4.476	5.120	PASS
N30	15	5	CP-256QAM	L	Outer_Full	4.483	5.110	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.491	5.160	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.463	5.060	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.461	4.880	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.473	4.990	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	4.473	5.020	PASS
N30	15	5	CP-QPSK	M	Outer_Full	4.464	4.930	PASS
N30	15	5	CP-16QAM	M	Outer_Full	4.485	5.150	PASS
N30	15	5	CP-64QAM	M	Outer_Full	4.474	4.990	PASS
N30	15	5	CP-256QAM	M	Outer_Full	4.471	4.880	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.488	5.130	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	4.457	4.950	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.484	5.090	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	4.481	5.080	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	4.477	5.160	PASS
N30	15	5	CP-QPSK	H	Outer_Full	4.470	5.050	PASS
N30	15	5	CP-16QAM	H	Outer_Full	4.482	5.100	PASS
N30	15	5	CP-64QAM	H	Outer_Full	4.485	5.060	PASS
N30	15	5	CP-256QAM	H	Outer_Full	4.469	5.070	PASS
N30	15	10	DFT-QPSK	L	Outer_Full	8.922	9.680	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	8.937	9.860	PASS
N30	15	10	DFT-16QAM	L	Outer_Full	8.958	9.700	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 15 of 45

N30	15	10	DFT-64QAM	L	Outer_Full	8.951	9.640	PASS
N30	15	10	DFT-256QAM	L	Outer_Full	8.954	9.620	PASS
N30	15	10	CP-QPSK	L	Outer_Full	9.321	10.220	PASS
N30	15	10	CP-16QAM	L	Outer_Full	9.308	10.120	PASS
N30	15	10	CP-64QAM	L	Outer_Full	9.319	10.080	PASS
N30	15	10	CP-256QAM	L	Outer_Full	9.313	10.100	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.933	9.620	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.919	9.360	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.962	9.540	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.947	9.660	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	8.946	9.580	PASS
N30	15	10	CP-QPSK	M	Outer_Full	9.311	10.040	PASS
N30	15	10	CP-16QAM	M	Outer_Full	9.312	10.020	PASS
N30	15	10	CP-64QAM	M	Outer_Full	9.306	10.180	PASS
N30	15	10	CP-256QAM	M	Outer_Full	9.306	10.100	PASS
N30	15	10	DFT-QPSK	H	Outer_Full	8.965	9.580	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	8.945	9.780	PASS
N30	15	10	DFT-16QAM	H	Outer_Full	8.962	9.680	PASS
N30	15	10	DFT-64QAM	H	Outer_Full	8.957	9.680	PASS
N30	15	10	DFT-256QAM	H	Outer_Full	8.955	9.580	PASS
N30	15	10	CP-QPSK	H	Outer_Full	9.326	10.180	PASS
N30	15	10	CP-16QAM	H	Outer_Full	9.328	10.040	PASS
N30	15	10	CP-64QAM	H	Outer_Full	9.317	10.180	PASS
N30	15	10	CP-256QAM	H	Outer_Full	9.303	10.100	PASS



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

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

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

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

Report No.: SEWA2204000008RG02
Rev.: 01
Page: 16 of 45

Test Graphs



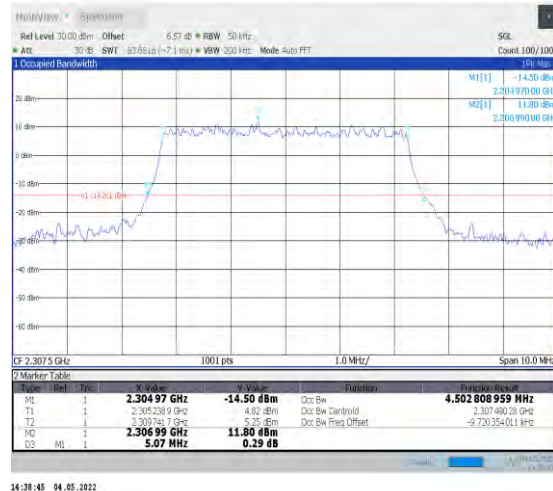
1-N30--15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.495-5.170-≤5-PASS



1-N30--15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-An t1-4.475-5.030-≤5-PASS



1-N30--15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant 1-4.475-5.020-≤5-PASS



1-N30--15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1 -4.503-5.070-≤5-PASS



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

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

South of No. 6 Plant, No. 1, Pansheng 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海胜路1号的6号厂房南楼 邮编: 215000

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

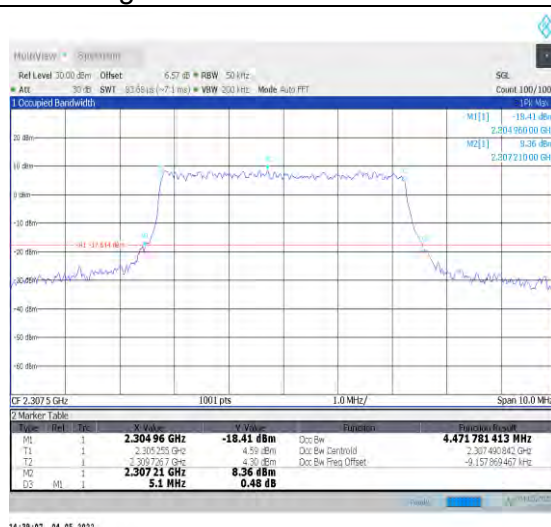
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 17 of 45



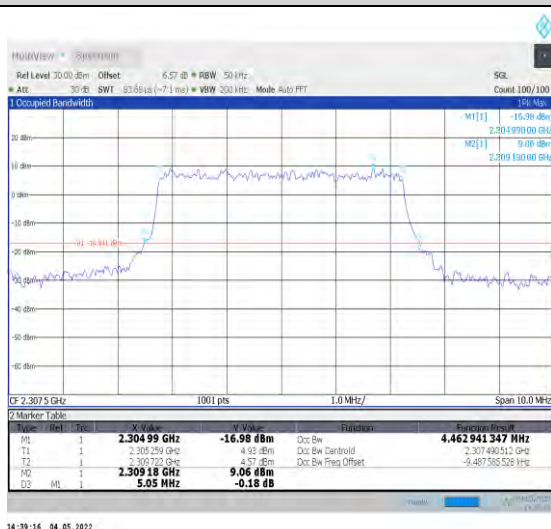
14:38:55 04.05.2022



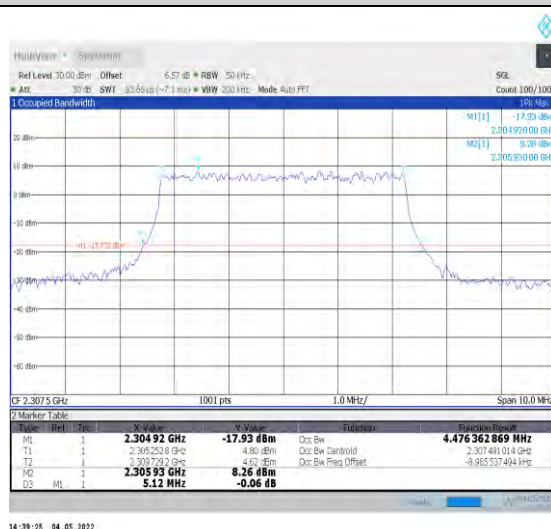
14:39:07 04.05.2022

1-N30--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant
t1-4.473-5.050-≤5-PASS

1-N30--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
472-5.100-≤5-PASS



14:39:14 04.05.2022



14:39:25 04.05.2022

1-N30--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.463-5.050-≤5-PASS

1-N30--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.476-5.120-≤5-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

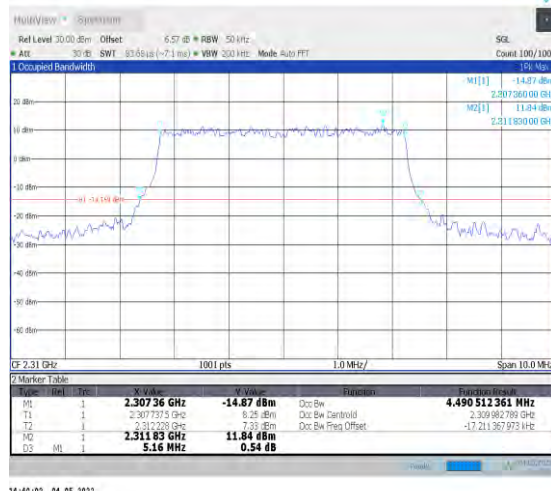
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 18 of 45



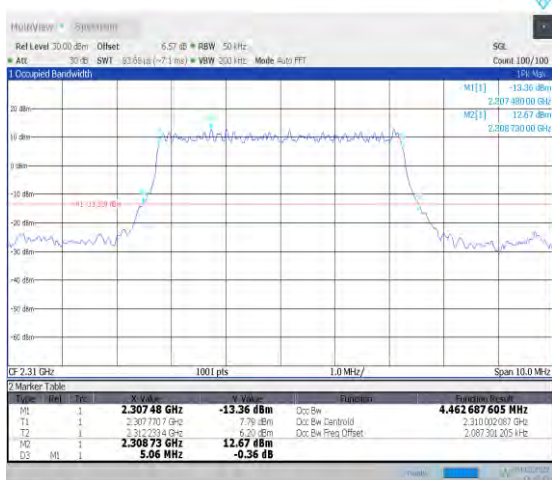
14:39:36 04.05.2022



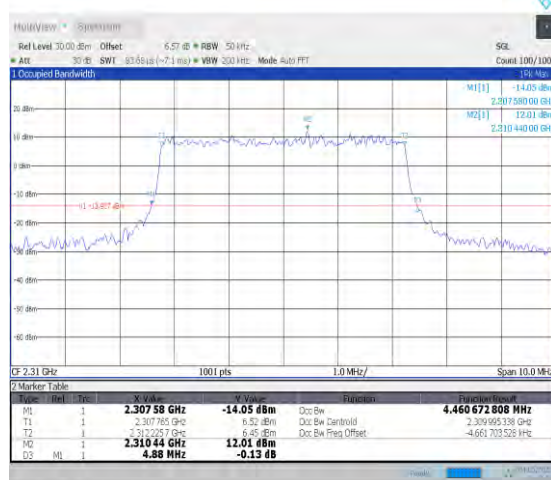
14:40:02 04.05.2022

1-N30--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.483-5.110-≤5-PASS

1-N30--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-
4.491-5.160-≤5-PASS



14:40:18 04.05.2022



14:40:34 04.05.2022

1-N30--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-4.463-5.060-≤5-PASS

1-N30--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.461-4.880-≤5-PASS



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

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

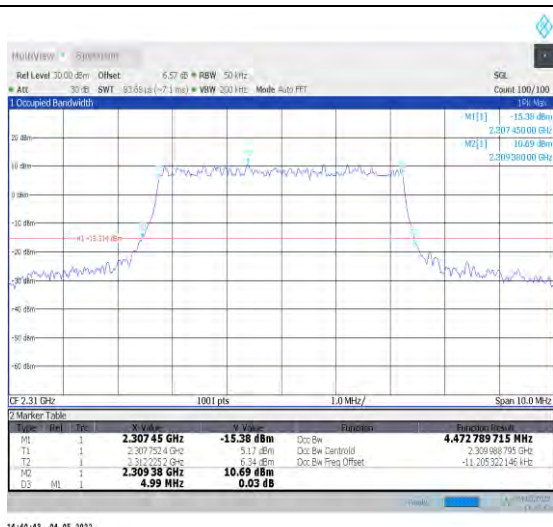
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

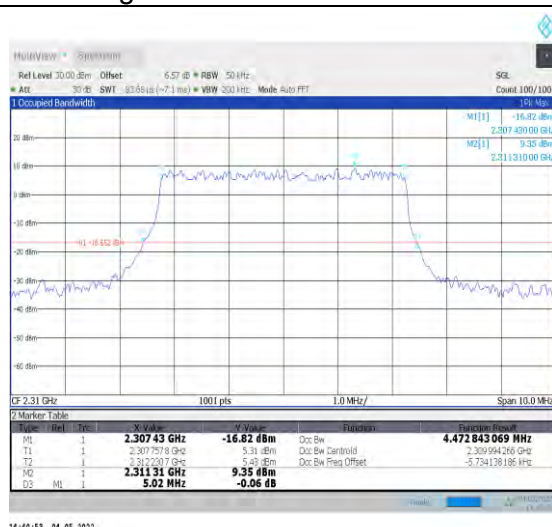
Rev.: 01

Page: 19 of 45



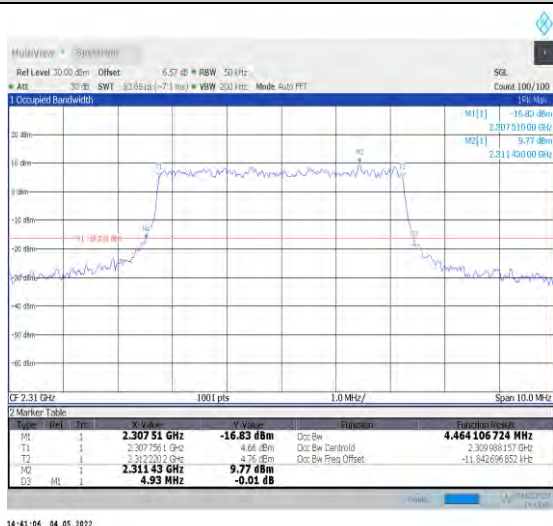
14:40:43 04.05.2022

1-N30--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant
1-4.473-4.990-≤5-PASS



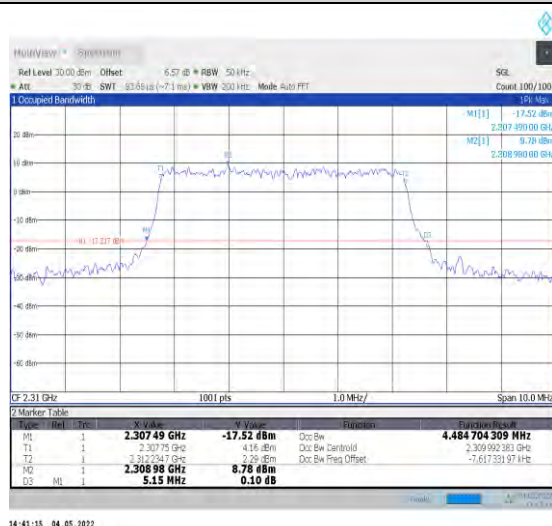
14:40:53 04.05.2022

1-N30--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
t1-4.473-5.020-≤5-PASS



14:41:06 04.05.2022

1-N30--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1
4.464-4.930-≤5-PASS



14:41:13 04.05.2022

1-N30--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1
-4.485-5.150-≤5-PASS



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

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

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

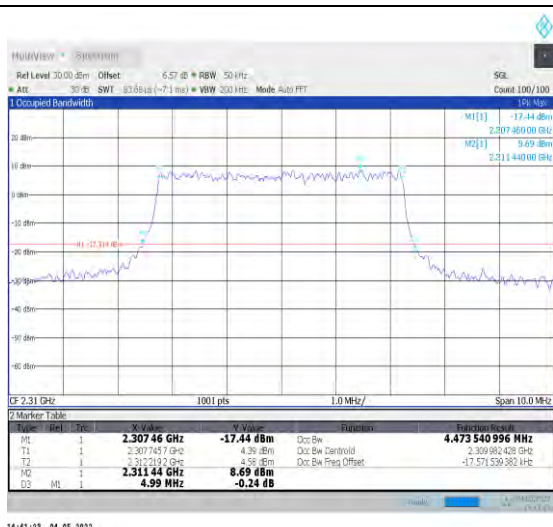
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

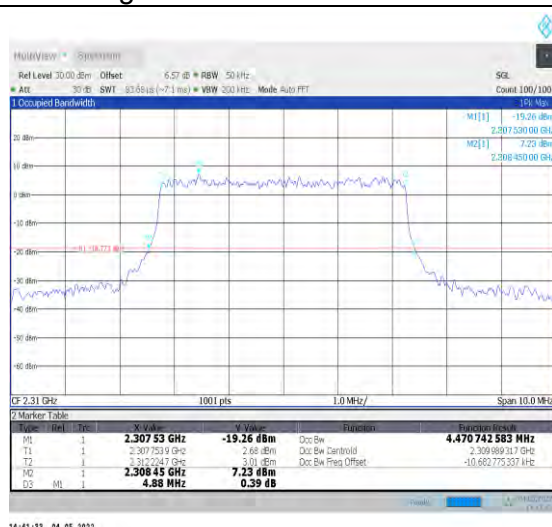
Rev.: 01

Page: 20 of 45



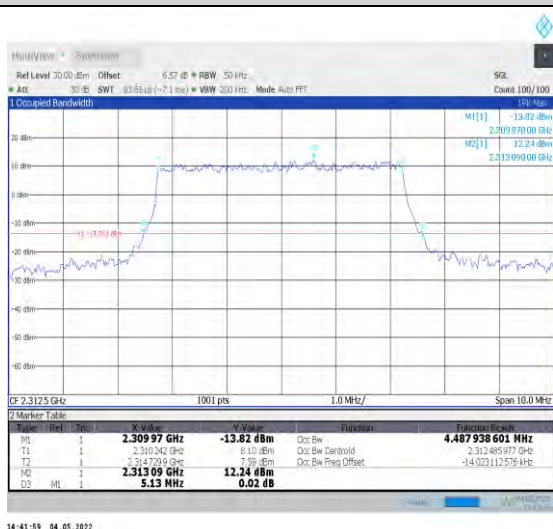
14:41:23 04.05.2022

1-N30--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1
-4.474-4.990-≤5-PASS



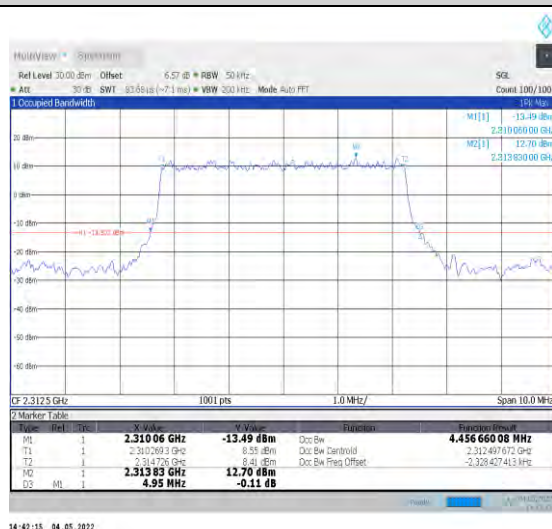
14:41:33 04.05.2022

1-N30--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.471-4.880-≤5-PASS



14:41:59 04.05.2022

1-N30--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-
4.488-5.130-≤5-PASS



14:42:15 04.05.2022

1-N30--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-4.457-4.950-≤5-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 21 of 45



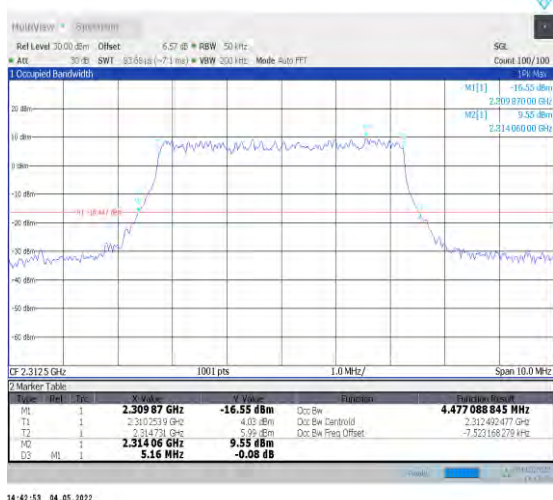
14:42:33 04.05.2022



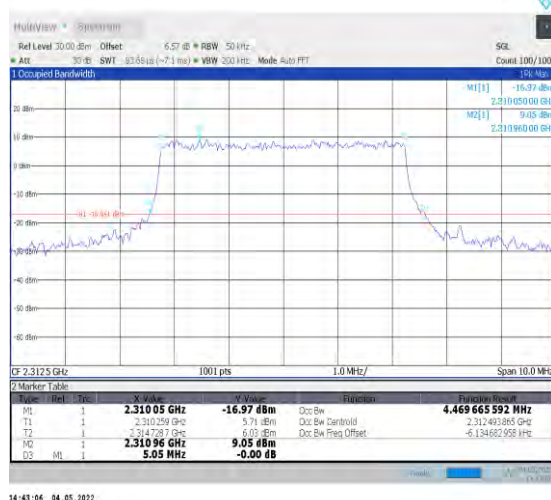
14:42:40 04.05.2022

1-N30--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.484-5.090-≤5-PASS

1-N30--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant
1-4.481-5.080-≤5-PASS



14:42:53 04.05.2022



14:43:06 04.05.2022

1-N30--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant
t1-4.477-5.160-≤5-PASS

1-N30--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4
.47-5.050-≤5-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 22 of 45



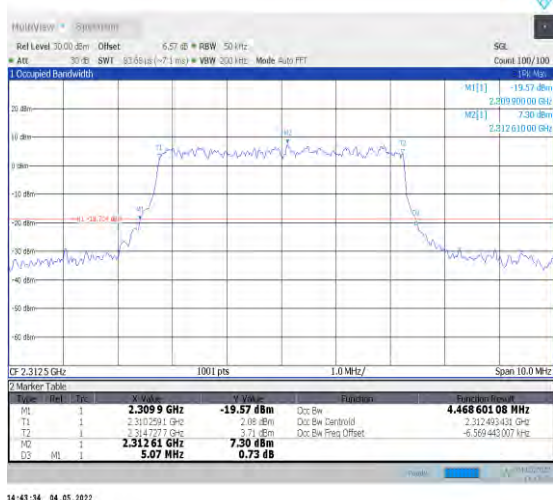
14:43:15 04.05.2022

1-N30--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1
-4.482-5.100-≤5-PASS



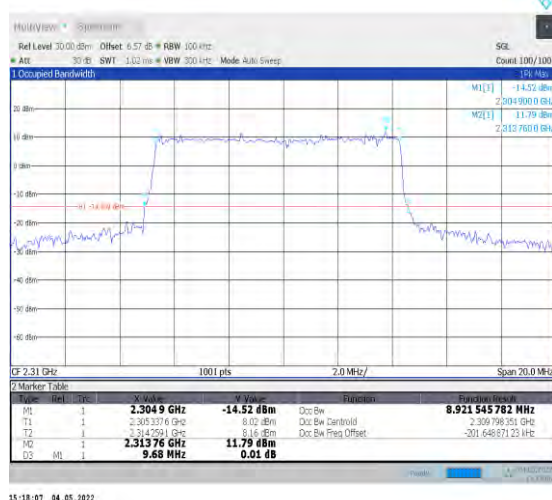
14:43:16 04.05.2022

1-N30--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.485-5.060-≤5-PASS



14:43:34 04.05.2022

1-N30--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.469-5.070-≤5-PASS



15:18:07 04.05.2022

1-N30--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.922-9.680-≤10-PASS



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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

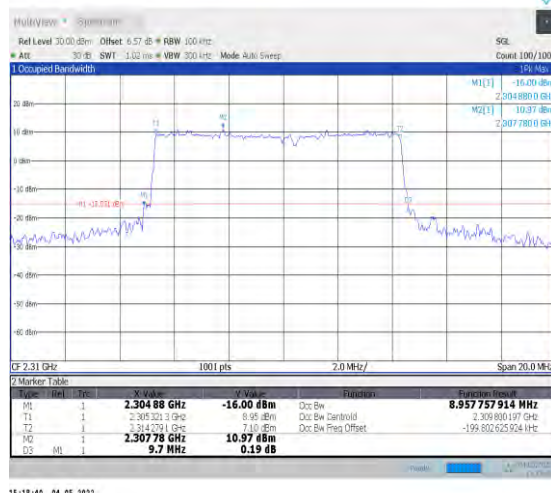
Rev.: 01

Page: 23 of 45



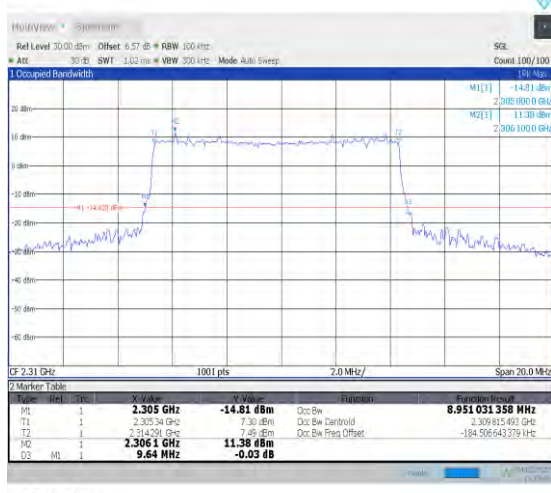
15:18:23 04.05.2022

1-N30--15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt1-8.937-9.860-≤10-PASS



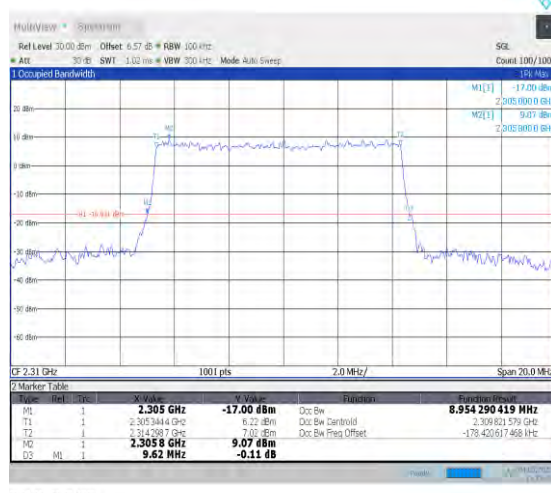
15:18:40 04.05.2022

1-N30--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.958-9.700-≤10-PASS



15:18:49 04.05.2022

1-N30--15-10-L-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.951-9.640-≤10-PASS



15:18:59 04.05.2022

1-N30--15-10-L-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.954-9.620-≤10-PASS



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

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

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

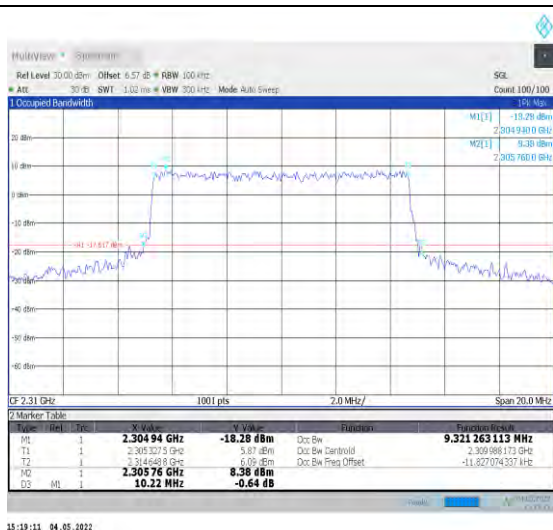
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

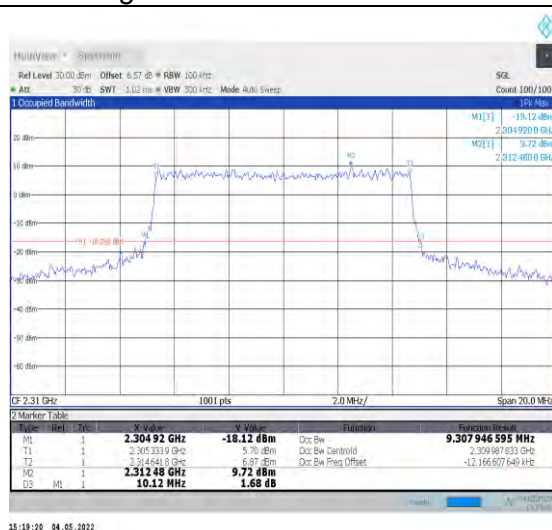
Rev.: 01

Page: 24 of 45



15:19:11 04.05.2022

1-N30--15-10-L-6-CP-QPSK-Outet_Full-52@0-Ant1-9.321-10.220-≤10-PASS



15:19:10 04.05.2022

1-N30--15-10-L-7-CP-16QAM-Outet_Full-52@0-Ant1-9.308-10.120-≤10-PASS



15:19:19 04.05.2022

1-N30--15-10-L-8-CP-64QAM-Outet_Full-52@0-Ant1-9.319-10.080-≤10-PASS



15:19:19 04.05.2022

1-N30--15-10-L-9-CP-256QAM-Outet_Full-52@0-Ant1-9.313-10.100-≤10-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 25 of 45



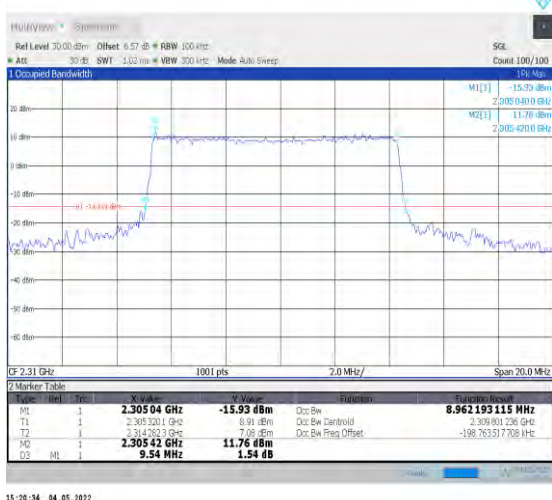
15:19:52 04.05.2022

1-N30--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.933-9.620-≤10-PASS



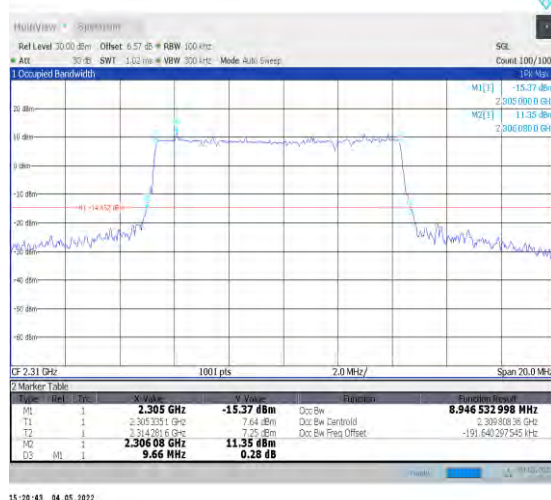
15:20:18 04.05.2022

1-N30--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.919-9.360-≤10-PASS



15:20:34 04.05.2022

1-N30--15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.962-9.540-≤10-PASS



15:20:43 04.05.2022

1-N30--15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.947-9.660-≤10-PASS



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

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

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

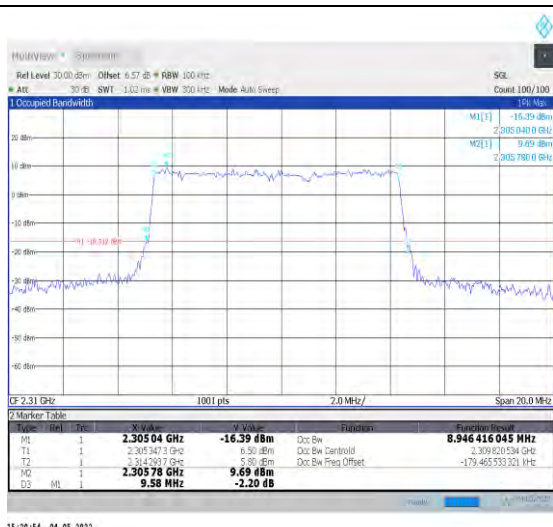
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

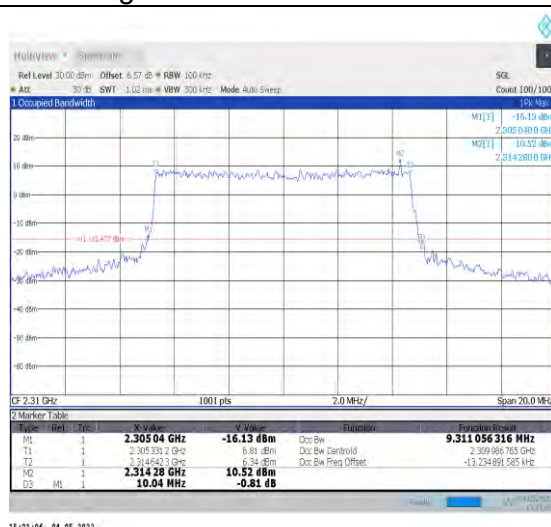
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 26 of 45



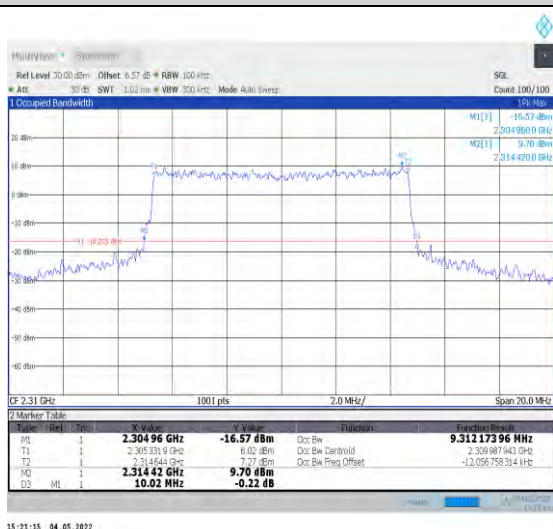
15:20:54 04.05.2022



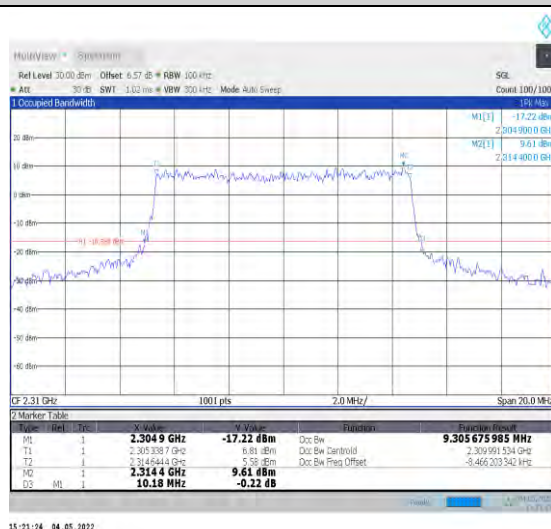
15:21:06 04.05.2022

1-N30--15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.946-9.580-≤10-PASS

1-N30--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.311-10.040-≤10-PASS



15:21:15 04.05.2022



15:21:24 04.05.2022

1-N30--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.312-10.020-≤10-PASS

1-N30--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.306-10.180-≤10-PASS



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

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

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

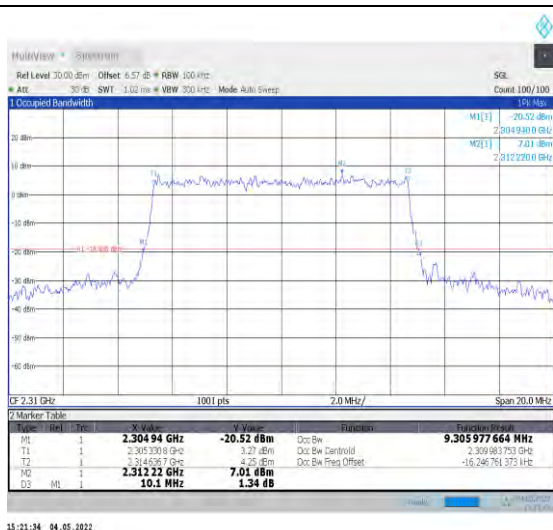
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

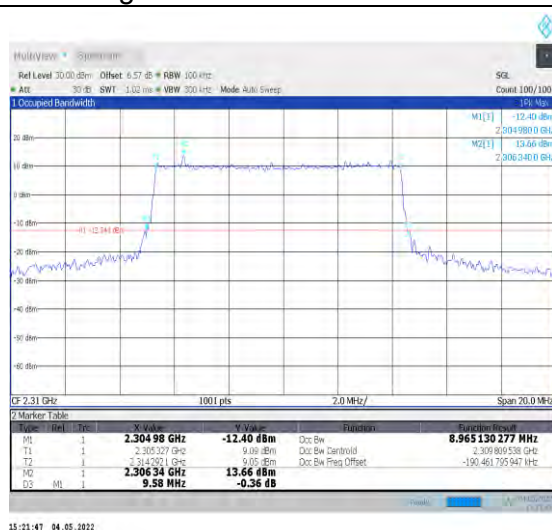
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 27 of 45



15:21:34 04.05.2022



15:21:47 04.05.2022

1-N30--15-10-M-9-CP-256QAM-Outer_Full-52@0-A
nt1-9.306-10.100-≤10-PASS

1-N30--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.965-9.580-≤10-PASS



15:22:13 04.05.2022



15:22:29 04.05.2022

1-N30--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-
Ant1-8.945-9.780-≤10-PASS

1-N30--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
t1-8.962-9.680-≤10-PASS



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

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

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

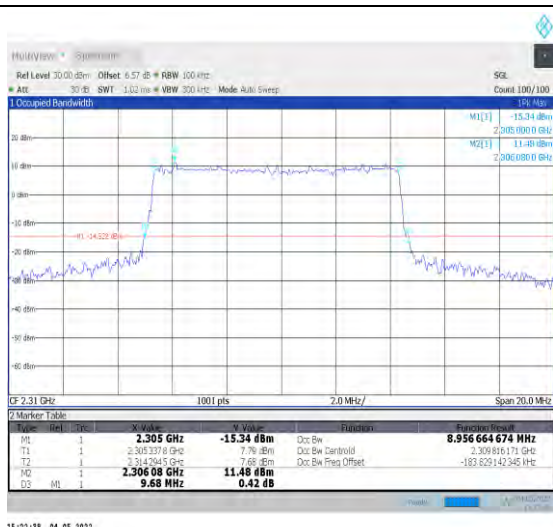
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

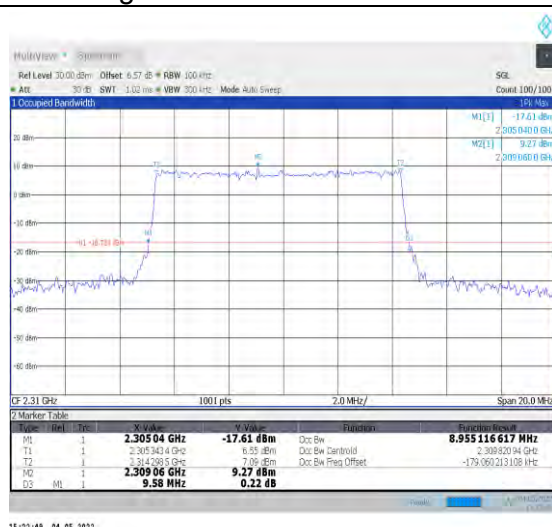
Report No.: SEWA2204000008RG02

Rev.: 01

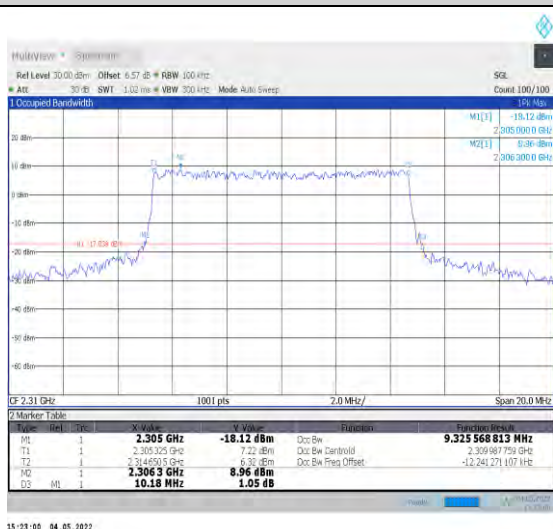
Page: 28 of 45



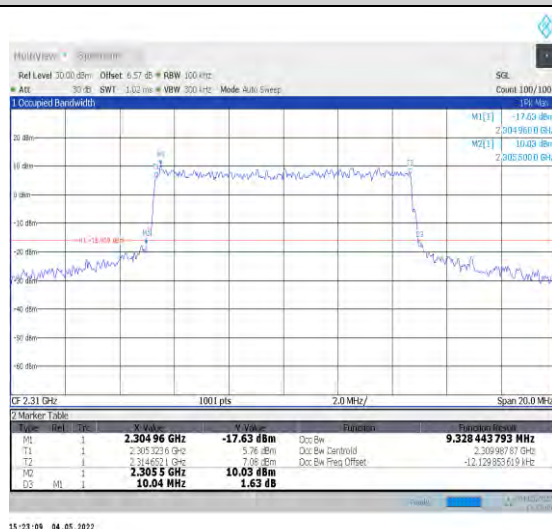
1-N30--15-10-H-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.957-9.680-≤10-PASS



1-N30--15-10-H-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.955-9.580-≤10-PASS



1-N30--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-
9.326-10.180-≤10-PASS



1-N30--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant
1-9.328-10.040-≤10-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

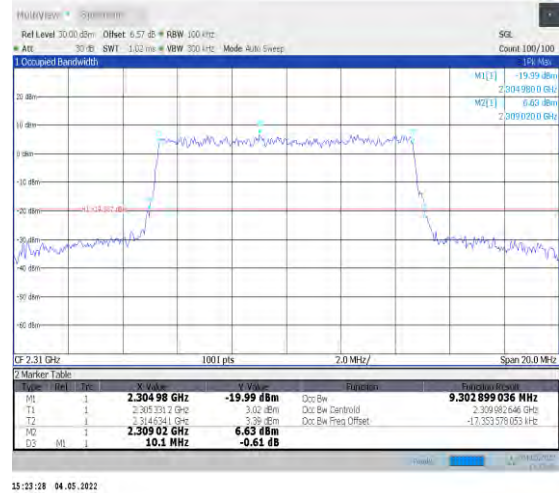
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 29 of 45



1-N30--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant
1-9.317-10.180-≤10-PASS



1-N30--15-10-H-9-CP-256QAM-Outer_Full-52@0-An
t1-9.303-10.100-≤10-PASS



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

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

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

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

Member of the SGS Group (SGS SA)

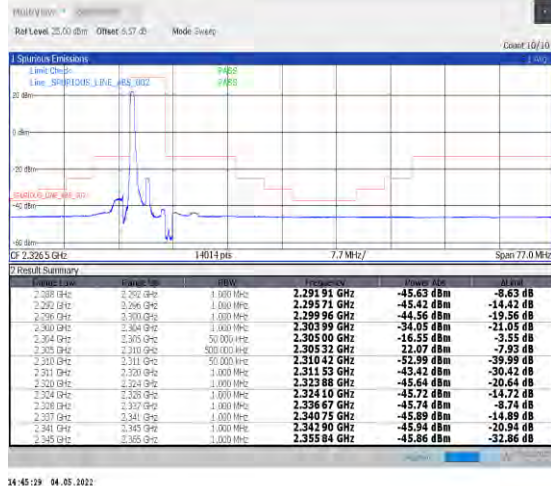
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 30 of 45

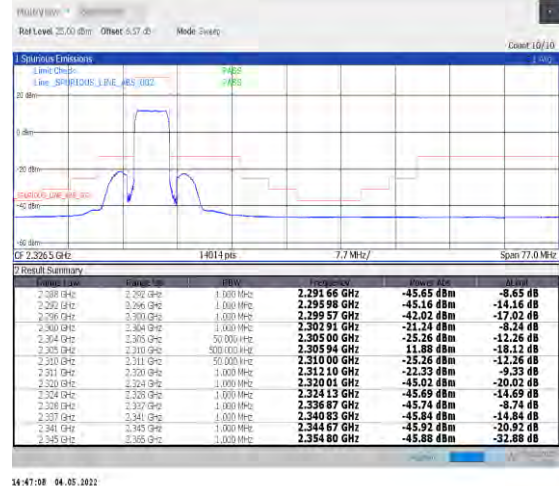
Band Edge for SA

Test Graphs



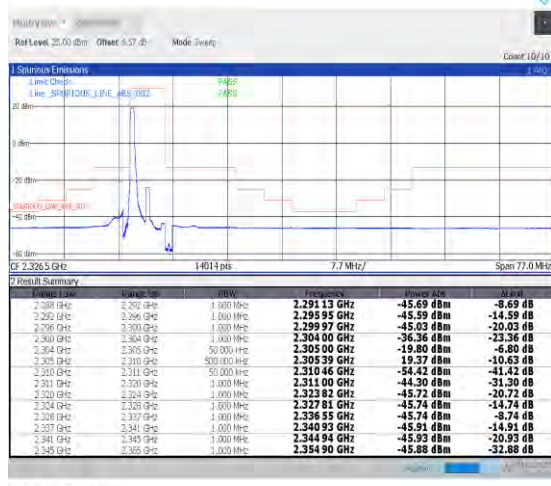
14:45:19 04.05.2022

1-N30--15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



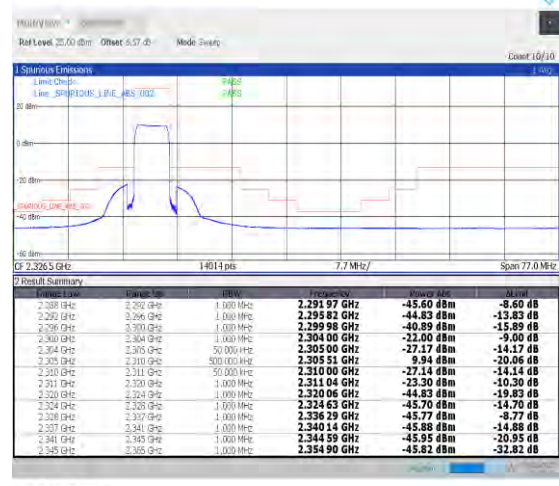
14:47:08 04.05.2022

1-N30--15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-PASS-see graph



14:48:49 04.05.2022

1-N30--15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



14:50:19 04.05.2022

1-N30--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS-see graph



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

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

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

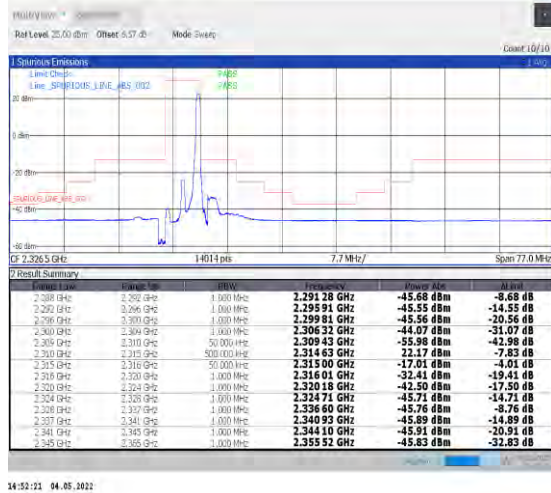
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

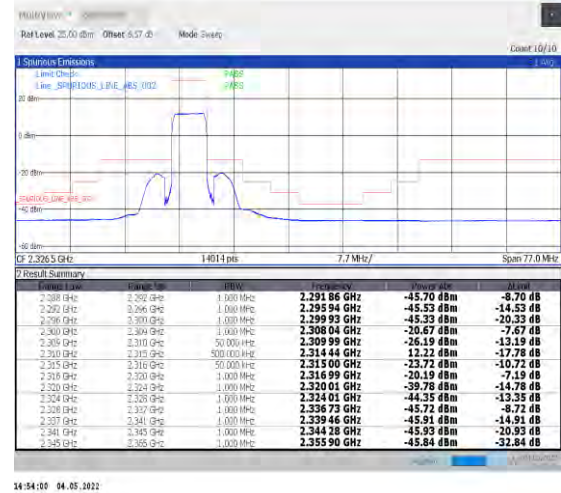
Report No.: SEWA2204000008RG02

Rev.: 01

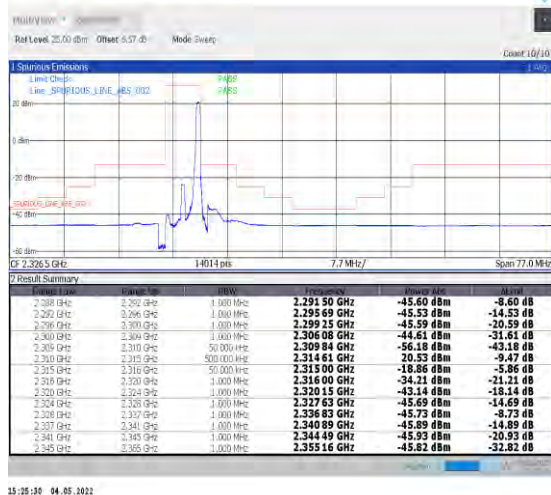
Page: 31 of 45



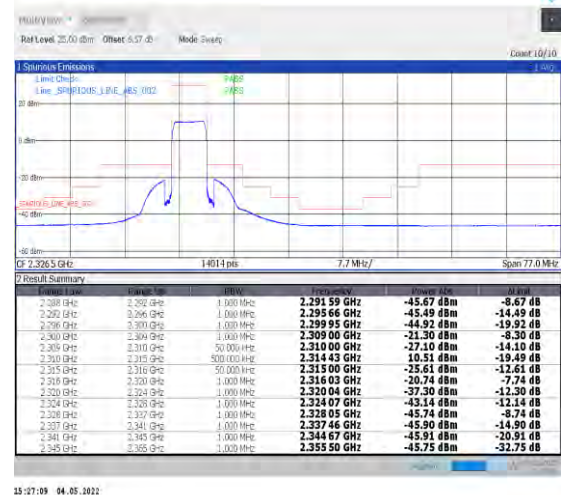
1-N30--15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
4-Ant1-PASS-see graph



1-N30--15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0
-Ant1-PASS-see graph



1-N30--15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-A
nt1-PASS-see graph



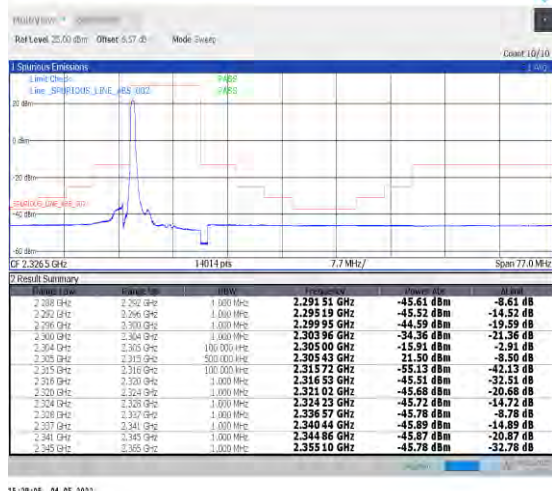
1-N30--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant
1-PASS-see graph



Report No.: SEWA2204000008RG02

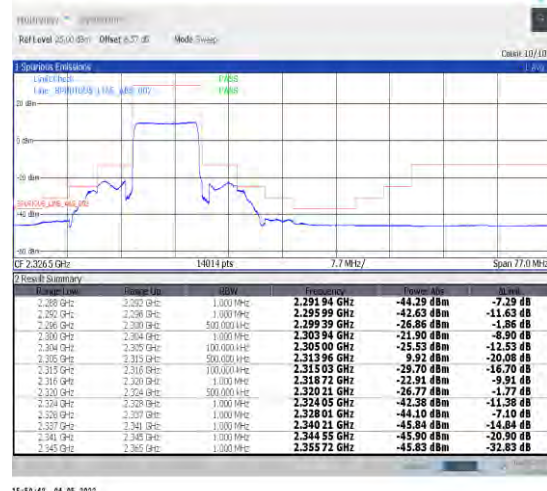
Rev.: 01

Page: 32 of 45



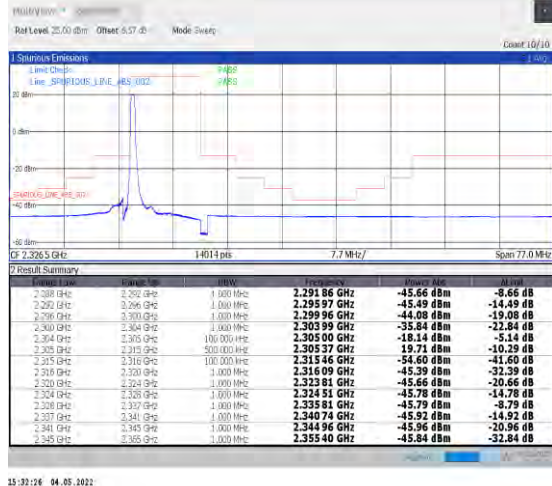
15:39:05 04.05.2022

1-N30--15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



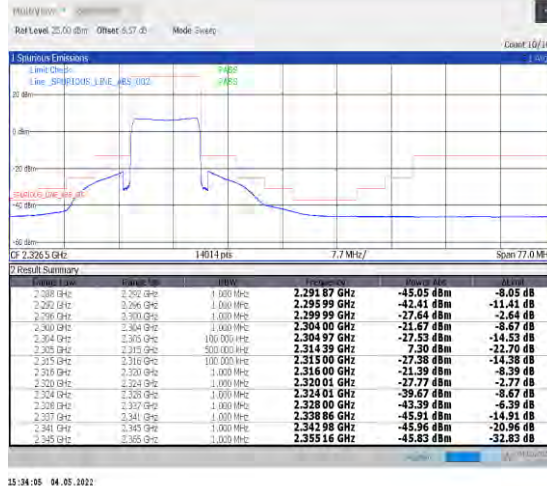
15:59:40 04.05.2022

1-N30--15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS-see graph



15:30:24 04.05.2022

1-N30--15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



15:34:05 04.05.2022

1-N30--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS-see graph



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

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

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

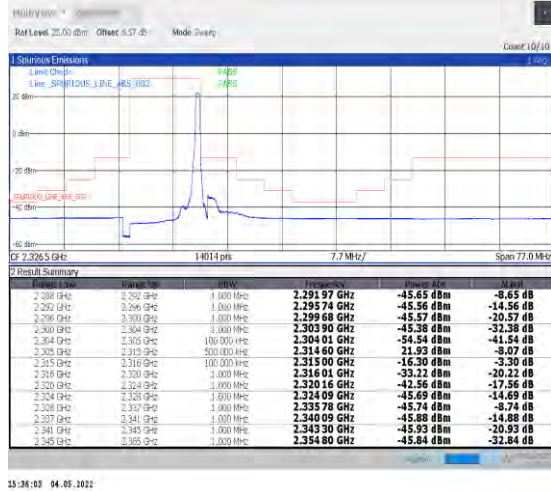
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

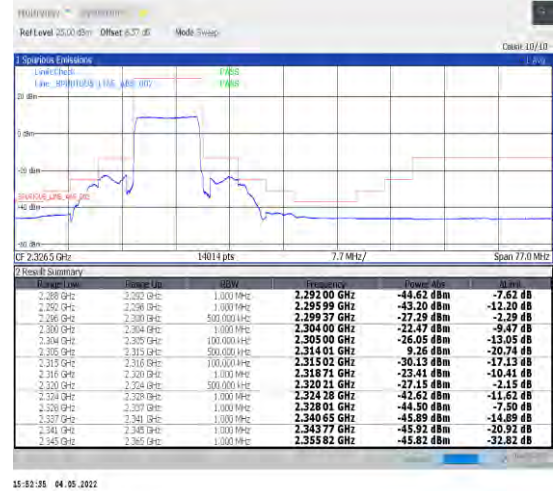
Report No.: SEWA2204000008RG02

Rev.: 01

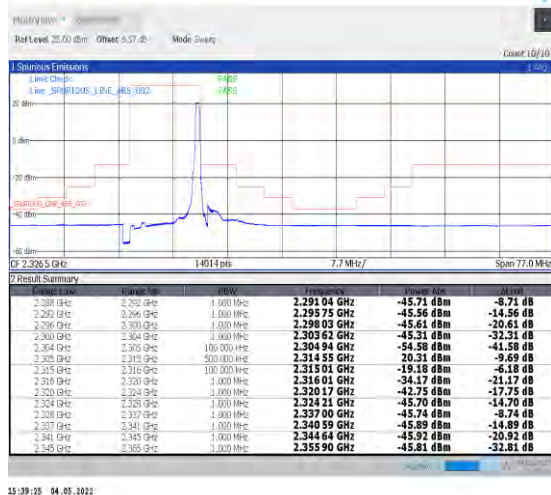
Page: 33 of 45



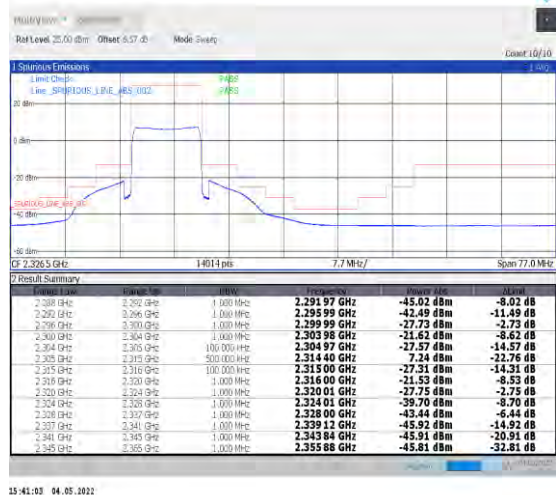
1-N30--15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@
51-Ant1-PASS-see graph



1-N30--15-10-H-3-DFT-PI2BPSK-Outer_Full-50@
0-Ant1-PASS-see graph



1-N30--15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-
Ant1-PASS-see graph



1-N30--15-10-H-6-CP-QPSK-Outer_Full-52@0-An
t1-PASS-see graph



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

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

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

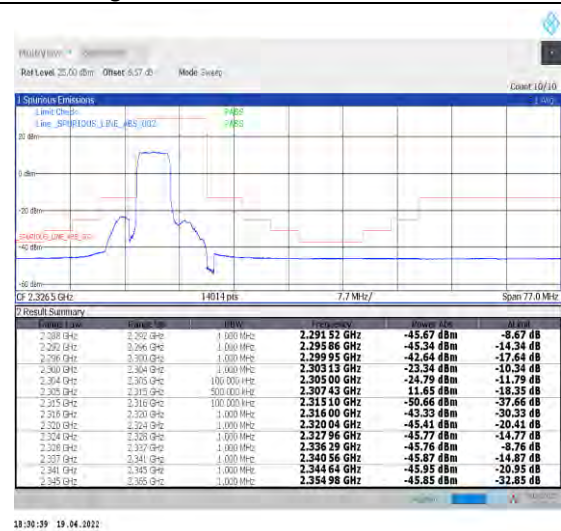
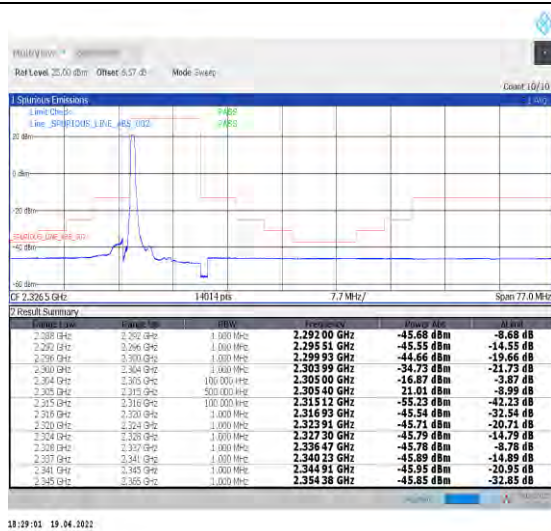
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

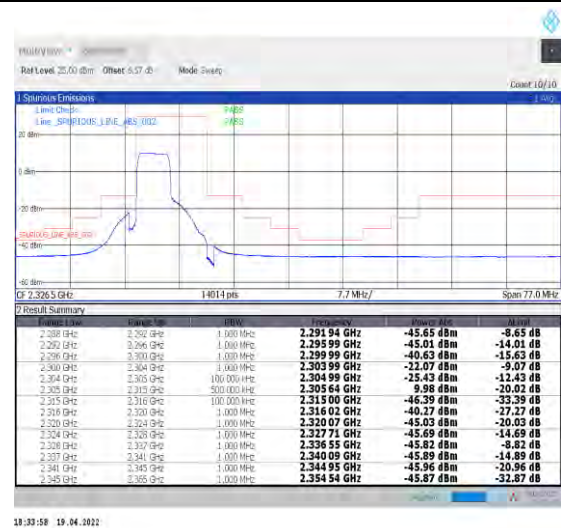
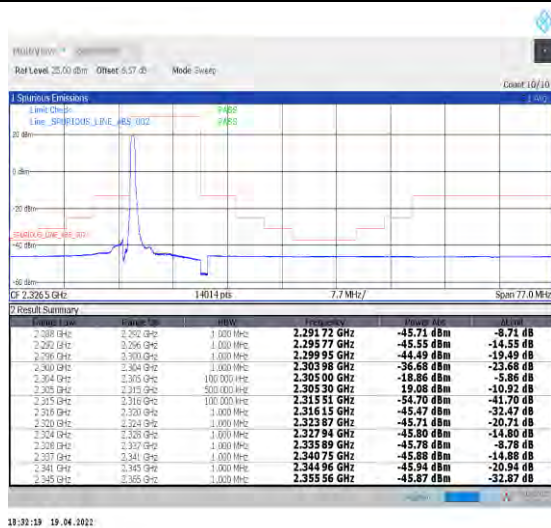
Rev.: 01

Page: 34 of 45



1-N30--30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N30--30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-PASS-see graph



1-N30--30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph

1-N30--30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-PASS-see graph



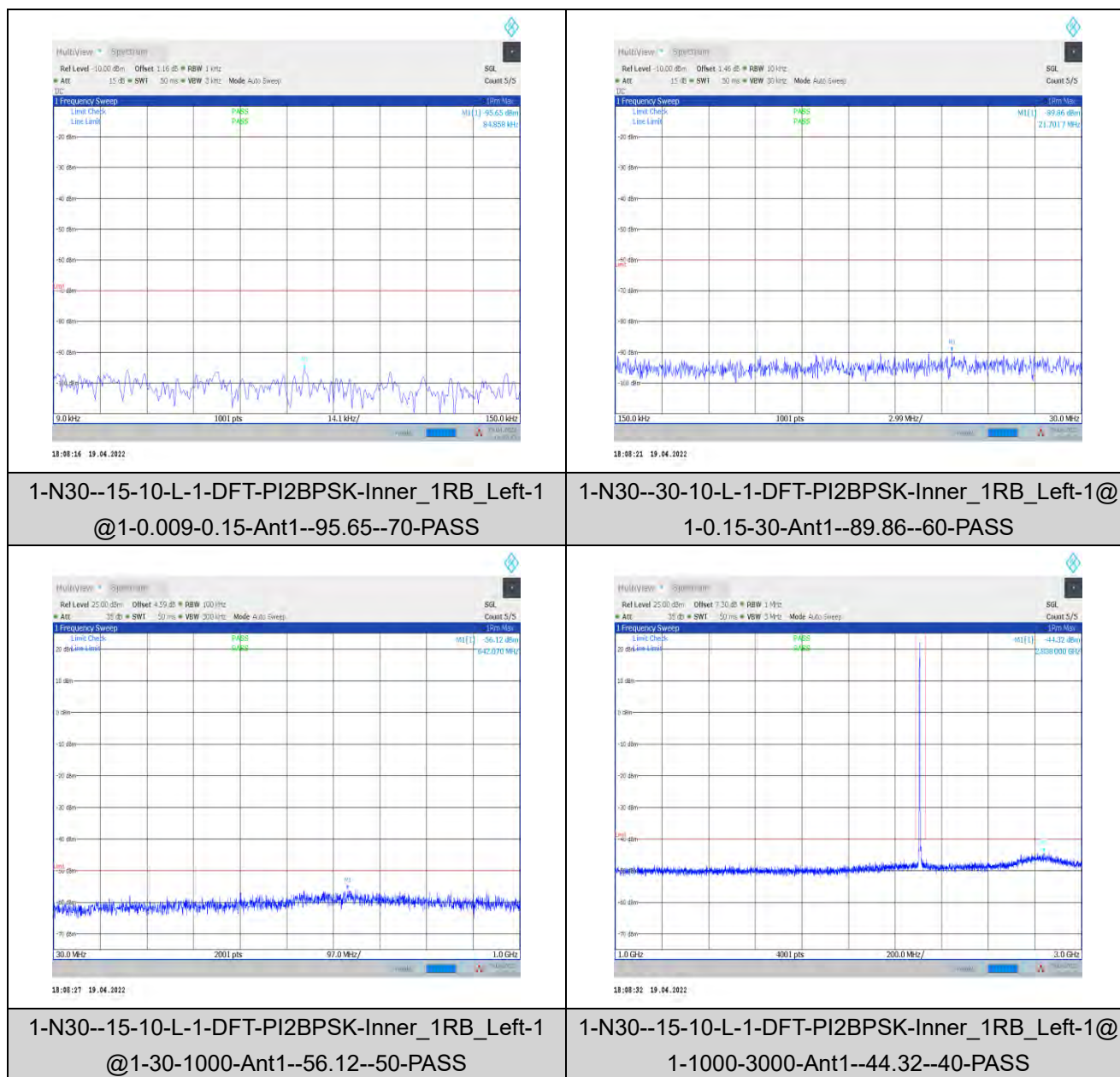
Report No.: SEWA2204000008RG02

Rev.: 01

Page: 35 of 45

Conducted Spurious Emission for SA

Test Graphs



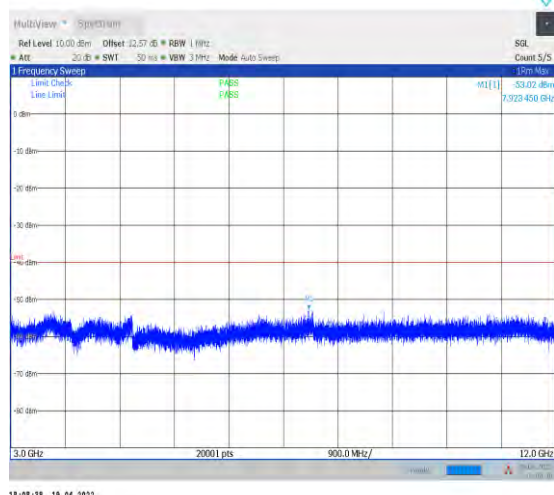
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

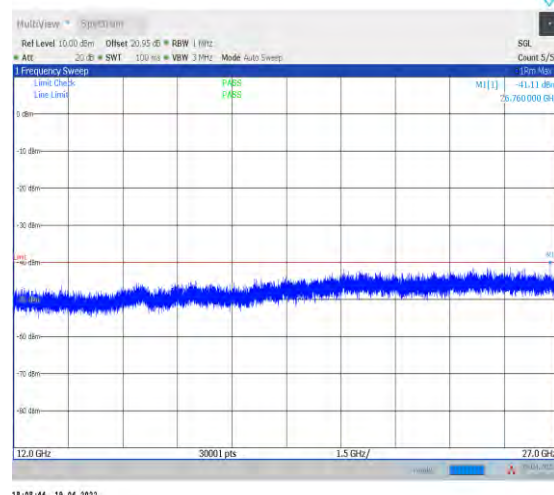
Report No.: SEWA2204000008RG02

Rev.: 01

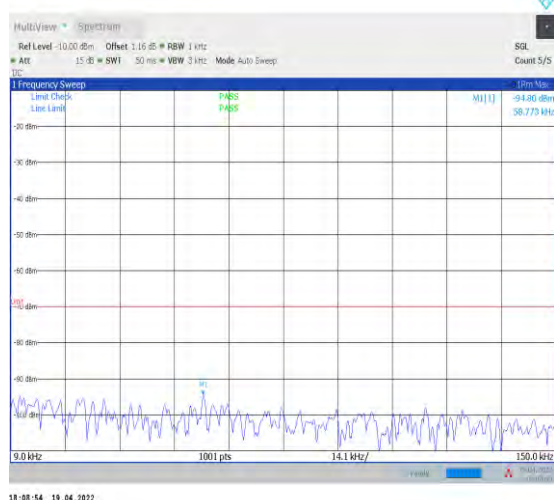
Page: 36 of 45



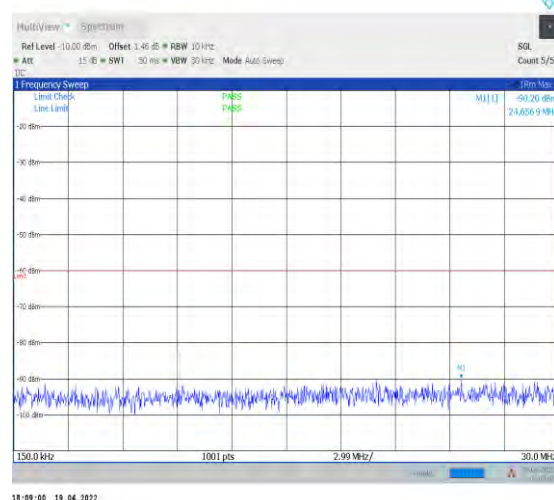
1-N30--30-15-L-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--53.02--40-PASS



1-N30--15-10-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant1--41.11--40-PASS



1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1--94.80--70-PASS



1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1--90.20--60-PASS



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

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

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

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

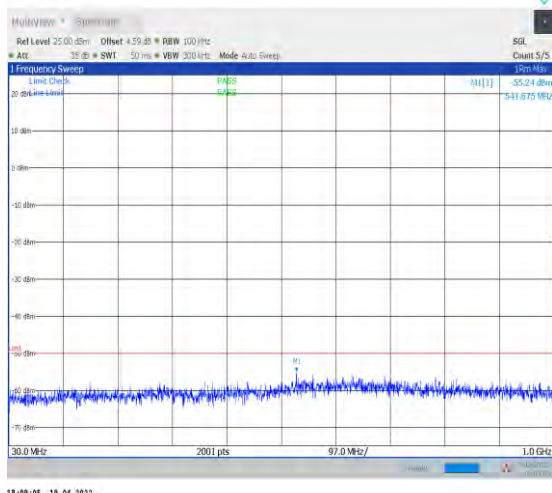
t (86-512) 62992980 www.sgs.com www.sgs.com.cn

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

Report No.: SEWA2204000008RG02

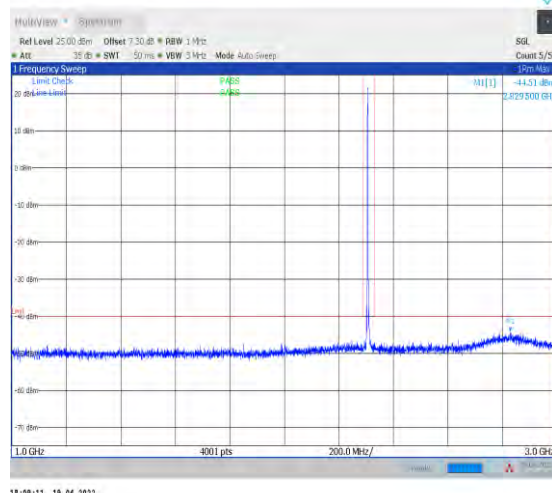
Rev.: 01

Page: 37 of 45



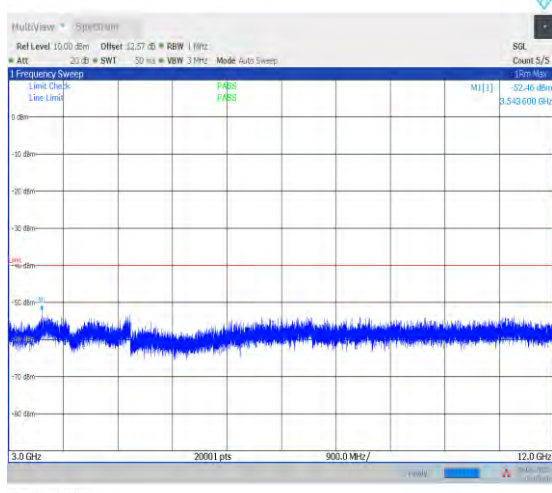
18-09-05 19-04-2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant1--55.24--50-PASS



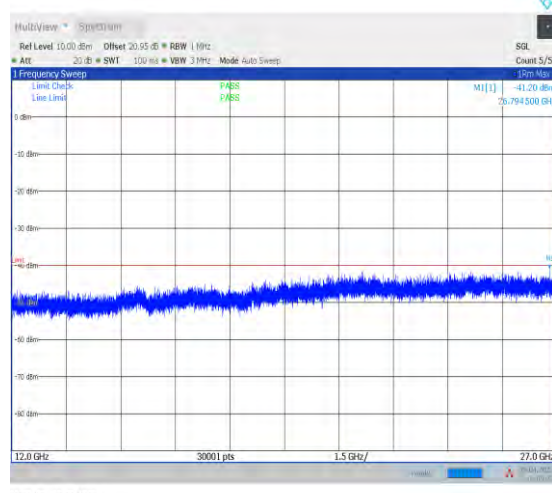
18-09-11 19-04-2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant1--44.51--40-PASS



18-09-17 19-04-2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--52.46--40-PASS



18-09-23 19-04-2022

1-N30--15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant1--41.20--40-PASS



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

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

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

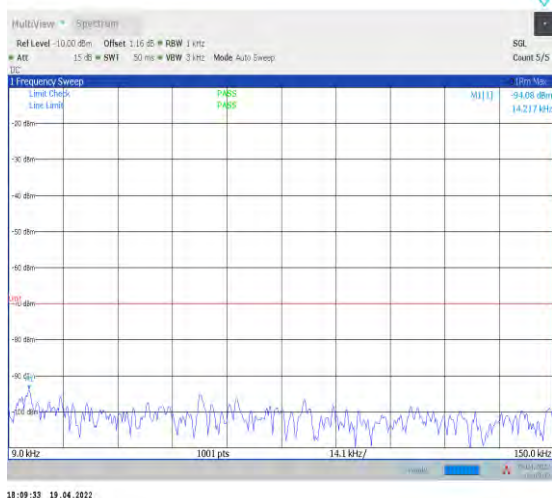
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

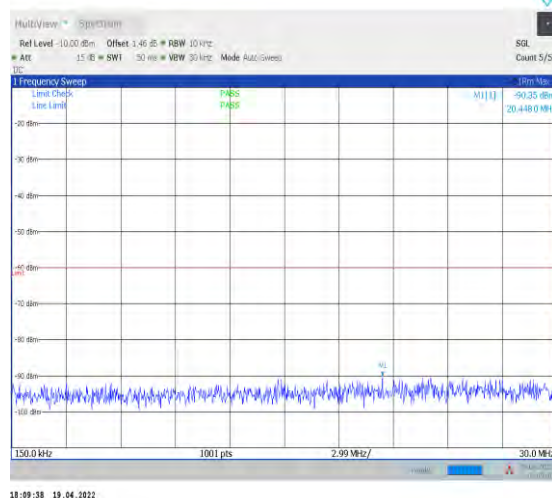
Report No.: SEWA2204000008RG02

Rev.: 01

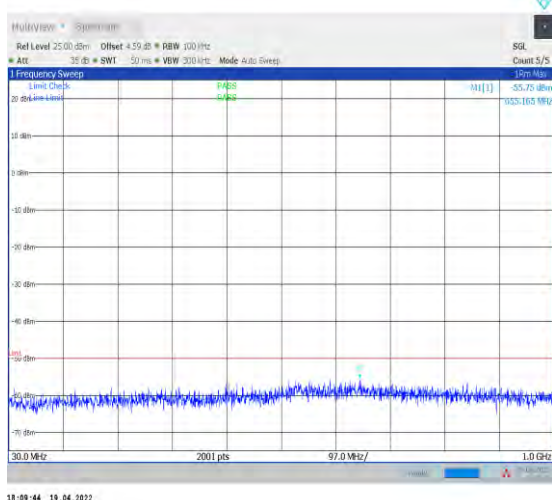
Page: 38 of 45



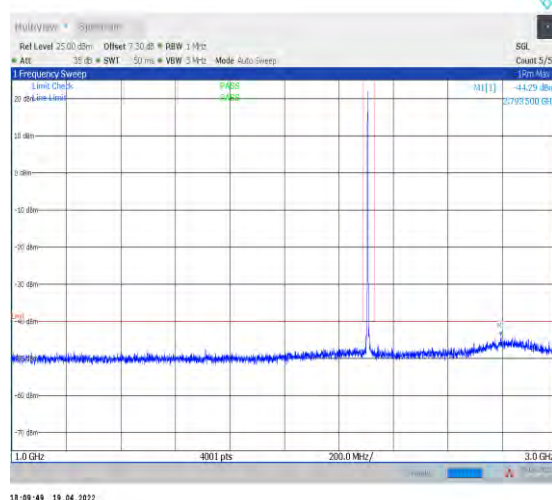
1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.009-0.15-Ant1--94.08--70-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-0.15-30-Ant1--90.35--60-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-30-1000-Ant1--55.75--50-PASS



1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-1000-3000-Ant1--44.29--40-PASS



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

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

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

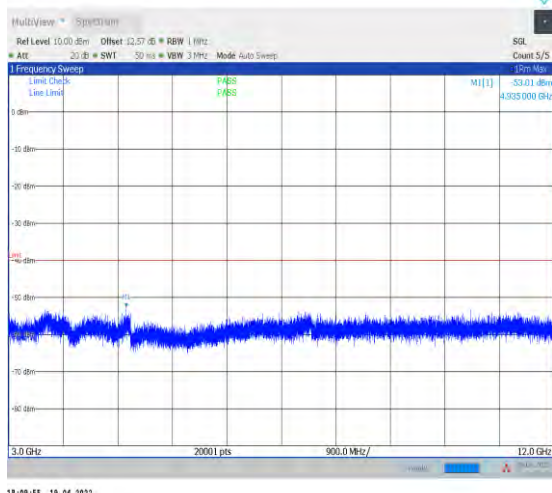
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

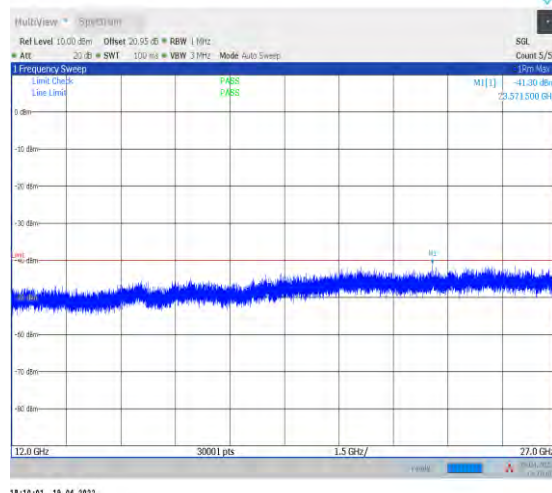
Rev.: 01

Page: 39 of 45



18:09:55 19.04.2022

1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--53.01--40-PASS



18:10:01 19.04.2022

1-N30--15-10-H-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-12000-27000-Ant1--41.30--40-PASS



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

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

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

t (86-512) 62992980

www.sgsgroup.com.cn

t (86-512) 62992980

sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 40 of 45

Field Strength of Spurious Radiation

Test Band = SA Band 30 BW 10M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	50.73	-108.05	-57.32	-40.00	17.32	263	96	Horizontal
2	6916.77	47.76	-101.68	-53.92	-40.00	13.92	251	263	Horizontal
3	9222.36	46.21	-95.08	-48.87	-40.00	8.87	142	241	Horizontal
4	11527.95	42.88	-91.44	-48.56	-40.00	8.56	266	357	Horizontal
5	13833.54	42.16	-90.03	-47.87	-40.00	7.87	244	144	Horizontal
6	16139.13	41.92	-90.60	-48.68	-40.00	8.68	265	302	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	49.14	-108.05	-58.91	-40.00	18.91	263	1	Vertical
2	6916.77	49.70	-101.68	-51.98	-40.00	11.98	251	0	Vertical
3	9222.36	47.06	-95.08	-48.02	-40.00	8.02	142	278	Vertical
4	11527.95	42.64	-91.44	-48.80	-40.00	8.80	284	7	Vertical
5	13833.54	43.32	-90.03	-46.71	-40.00	6.71	176	81	Vertical
6	16139.13	42.40	-90.60	-48.20	-40.00	8.20	265	302	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 41 of 45

Test Band = SA Band 30 BW 5M_ TM1
Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	52.55	-108.05	-55.50	-40.00	15.50	163	161	Horizontal
2	6916.02	48.52	-101.68	-53.16	-40.00	13.16	251	185	Horizontal
3	9221.36	46.72	-95.08	-48.36	-40.00	8.36	174	104	Horizontal
4	11526.7	42.18	-91.44	-49.26	-40.00	9.26	186	115	Horizontal
5	13832.04	42.32	-90.05	-47.73	-40.00	7.73	265	151	Horizontal
6	16137.38	43.17	-90.62	-47.45	-40.00	7.45	244	209	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	51.43	-108.05	-56.62	-40.00	16.62	163	348	Vertical
2	6916.02	47.81	-101.68	-53.87	-40.00	13.87	284	7	Vertical
3	9221.36	46.94	-95.08	-48.14	-40.00	8.14	176	337	Vertical
4	11526.7	42.28	-91.44	-49.16	-40.00	9.16	255	348	Vertical
5	13832.04	42.67	-90.05	-47.38	-40.00	7.38	144	0	Vertical
6	16137.38	42.17	-90.62	-48.45	-40.00	8.45	177	326	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 42 of 45

Test Band = SA Band 30 BW 5M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	51.22	-108.03	-56.81	-40.00	16.81	263	234	Horizontal
2	6923.52	49.49	-101.68	-52.19	-40.00	12.19	241	44	Horizontal
3	9231.36	47.60	-95.08	-47.48	-40.00	7.48	176	22	Horizontal
4	11539.2	41.65	-91.51	-49.86	-40.00	9.86	284	326	Horizontal
5	13847.04	42.05	-89.92	-47.87	-40.00	7.87	176	326	Horizontal
6	16154.88	41.95	-90.46	-48.51	-40.00	8.51	254	7	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	49.75	-108.03	-58.28	-40.00	18.28	263	47	Vertical
2	6923.52	49.50	-101.68	-52.18	-40.00	12.18	251	117	Vertical
3	9231.36	46.68	-95.08	-48.40	-40.00	8.40	174	314	Vertical
4	11539.2	41.11	-91.51	-50.40	-40.00	10.40	186	349	Vertical
5	13847.04	42.34	-89.92	-47.58	-40.00	7.58	254	57	Vertical
6	16154.88	42.59	-90.46	-47.87	-40.00	7.87	144	35	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 43 of 45

Test Band = SA Band 30 BW 5M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.99	-108.00	-58.01	-40.00	18.01	142	44	Horizontal
2	6931.02	49.21	-101.68	-52.47	-40.00	12.47	263	196	Horizontal
3	9241.32	47.16	-95.08	-47.92	-40.00	7.92	286	303	Horizontal
4	11551.7	42.07	-91.59	-49.52	-40.00	9.52	241	44	Horizontal
5	13862.04	41.09	-89.78	-48.69	-40.00	8.69	177	44	Horizontal
6	16172.38	43.03	-90.28	-47.25	-40.00	7.25	266	92	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.40	-108.00	-58.60	-40.00	18.60	142	14	Vertical
2	6931.02	47.89	-101.68	-53.79	-40.00	13.79	263	14	Vertical
3	9241.32	48.85	-95.08	-46.23	-40.00	6.23	286	209	Vertical
4	11551.7	41.27	-91.59	-50.32	-40.00	10.32	241	245	Vertical
5	13862.04	42.08	-89.78	-47.70	-40.00	7.70	177	0	Vertical
6	16172.38	41.98	-90.28	-48.30	-40.00	8.30	261	245	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-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



Report No.: SEWA2204000008RG02

Rev.: 01

Page: 44 of 45

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	3.100000	0.001342	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	3.400000	0.001472	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	-1.400000	-0.000606	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VH	NT	-2.500000	-0.001082	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VN	NT	2.000000	0.000866	PASS
N30	30	10	CP-QPSK	M	Outer_Full	VL	NT	-3.400000	-0.001472	PASS



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

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

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

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

Report No.: SEWA2204000008RG02

Rev.: 01

Page: 45 of 45

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	10.500000	0.004545	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	9.300000	0.004026	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	2.400000	0.001039	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	0	1.700000	0.000736	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	10	12.300000	0.005325	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	20	2.500000	0.001082	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	30	10.400000	0.004502	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	40	6.300000	0.002727	PASS
N30	30	10	DFT-PI2BPSK	M	Outer_Full	NV	50	1.400000	0.000606	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-30	3.800000	0.001645	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-20	-0.700000	-0.000303	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	-10	4.700000	0.002035	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	0	4.700000	0.002035	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	10	0.800000	0.000346	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	20	0.300000	0.000130	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	30	1.600000	0.000693	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	40	5.600000	0.002424	PASS
N30	30	10	CP-QPSK	M	Outer_Full	NV	50	5.500000	0.002381	PASS

The End



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

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

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

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

Member of the SGS Group (SGS SA)