

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 1 of 51

Appendix



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.: SUZR/2022/1002202

Rev.: 01

Page: 2 of 51

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.33	22.55	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	22.32	22.54	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	21.38	21.6	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Left	22.33	22.55	23.98	PASS
N30	15	5	DFT-QPSK	L	Inner_1RB_Right	22.34	22.56	23.98	PASS
N30	15	5	DFT-QPSK	L	Outer_Full	21.36	21.58	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Left	21.4	21.62	23.98	PASS
N30	15	5	DFT-16QAM	L	Inner_1RB_Right	21.39	21.61	23.98	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	20.4	20.62	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Left	19.53	19.75	23.98	PASS
N30	15	5	DFT-64QAM	L	Inner_1RB_Right	19.57	19.79	23.98	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	18.88	19.1	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Left	17.82	18.04	23.98	PASS
N30	15	5	DFT-256QAM	L	Inner_1RB_Right	17.83	18.05	23.98	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	17.82	18.04	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.56	22.78	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	22.09	22.31	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	21.42	21.64	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Left	22.34	22.56	23.98	PASS
N30	15	5	DFT-QPSK	M	Inner_1RB_Right	22.23	22.45	23.98	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	21.31	21.53	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Left	21.37	21.59	23.98	PASS
N30	15	5	DFT-16QAM	M	Inner_1RB_Right	21.3	21.52	23.98	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	20.35	20.57	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Left	19.52	19.74	23.98	PASS
N30	15	5	DFT-64QAM	M	Inner_1RB_Right	19.43	19.65	23.98	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	19.86	20.08	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Left	17.81	18.03	23.98	PASS
N30	15	5	DFT-256QAM	M	Inner_1RB_Right	17.75	17.97	23.98	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	17.79	18.01	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	22.27	22.49	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.: SUZR/2022/1002202

Rev.: 01

Page: 3 of 51

N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.08	22.3	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	21.24	21.46	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Left	22.27	22.49	23.98	PASS
N30	15	5	DFT-QPSK	H	Inner_1RB_Right	22.14	22.36	23.98	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	21.24	21.46	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Left	21.34	21.56	23.98	PASS
N30	15	5	DFT-16QAM	H	Inner_1RB_Right	21.17	21.39	23.98	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	20.22	20.44	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Left	19.46	19.68	23.98	PASS
N30	15	5	DFT-64QAM	H	Inner_1RB_Right	19.37	19.59	23.98	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	19.78	20	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Left	17.79	18.01	23.98	PASS
N30	15	5	DFT-256QAM	H	Inner_1RB_Right	17.5	17.72	23.98	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	17.73	17.95	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.42	22.64	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	22.21	22.43	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	21.35	21.57	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Left	22.46	22.68	23.98	PASS
N30	15	10	DFT-QPSK	M	Inner_1RB_Right	22.23	22.45	23.98	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	21.34	21.56	23.98	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Left	21.16	21.38	23.98	PASS
N30	15	10	DFT-16QAM	M	Inner_1RB_Right	20.93	21.15	23.98	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	20.32	20.54	23.98	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Left	19.86	20.08	23.98	PASS
N30	15	10	DFT-64QAM	M	Inner_1RB_Right	19.62	19.84	23.98	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	19.87	20.09	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Left	17.85	18.07	23.98	PASS
N30	15	10	DFT-256QAM	M	Inner_1RB_Right	17.58	17.8	23.98	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	17.86	18.08	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.: SUZR/2022/1002202

Rev.: 01

Page: 4 of 51

Power Spectral Density Test Result

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	EIRP	Limit	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	21.4	21.62	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	21.4	21.62	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	20.26	20.48	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	21.58	21.8	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	21.54	21.76	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	20.39	20.61	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	21.62	21.84	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	21.58	21.8	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	20.49	20.71	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	21.67	21.89	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	21.69	21.91	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	18.91	19.13	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.

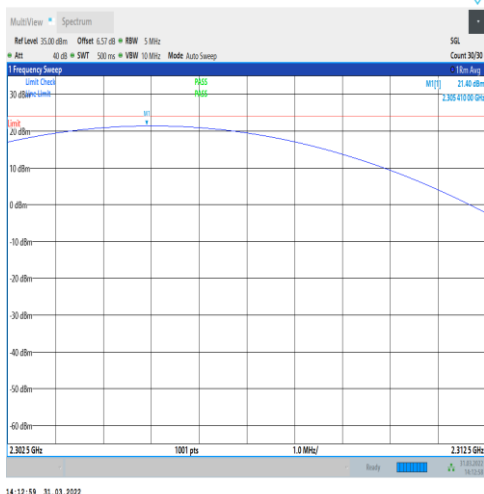
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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号厂房南楼 邮编: 215000

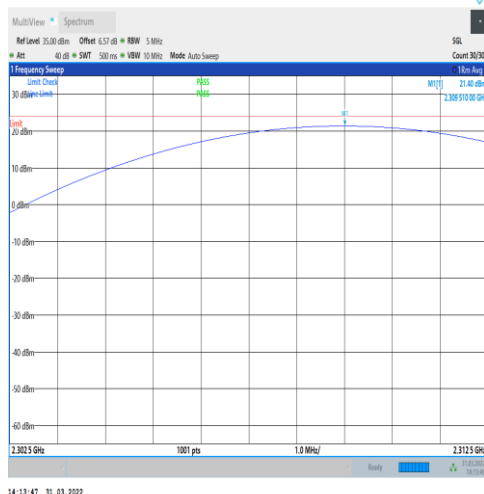
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202
Rev.: 01
Page: 5 of 51

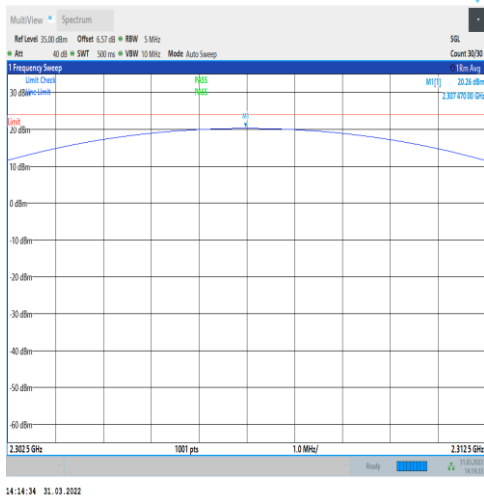
Test Graphs



1-N30-PC3-15-5-L-1-DFT-PI2BPSK-Inner_1RB_Left
-1@1-2302.5-2312.5-Ant1-21.40-23.98-PASS



1-N30-PC3-15-5-L-2-DFT-PI2BPSK-Inner_1RB_Right
t-1@23-2302.5-2312.5-Ant1-21.40-23.98-PASS



1-N30-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25
@0-2302.5-2312.5-Ant1-20.26-23.98-PASS



1-N30-PC3-15-5-M-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-2305-2315-Ant1-21.58-23.98-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

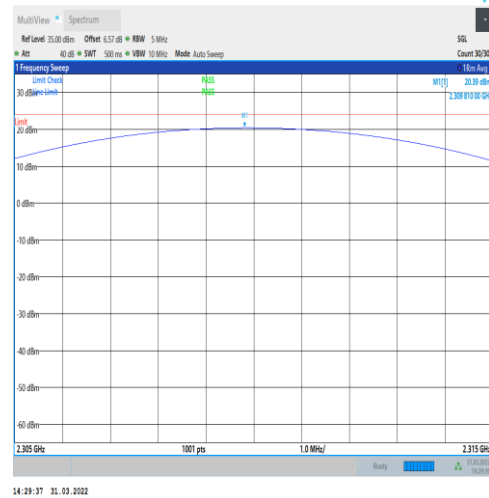
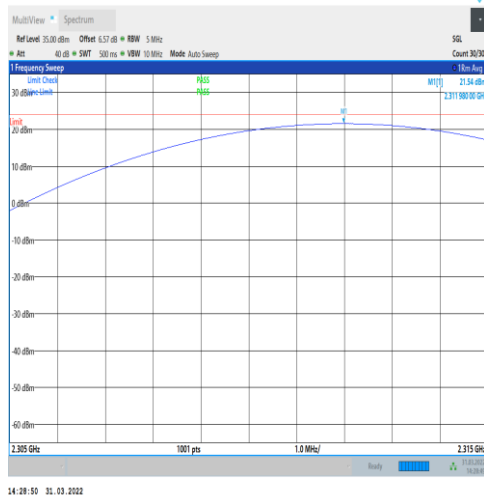
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

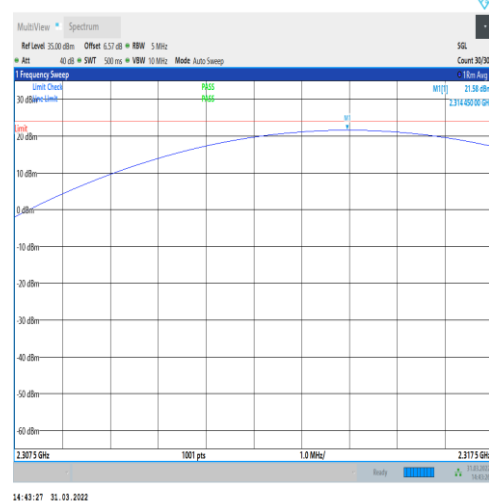
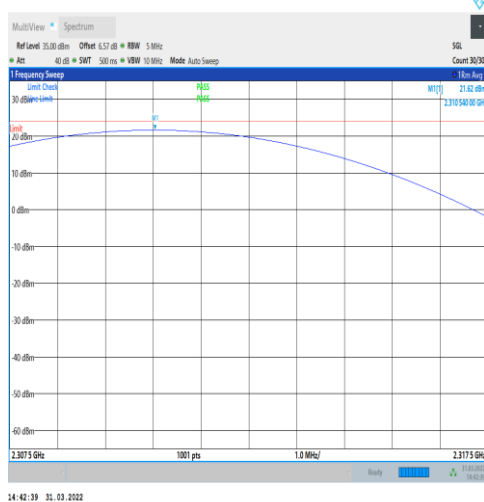
Rev.: 01

Page: 6 of 51



1-N30-PC3-15-5-M-2-DFT-PI2BPSK-Inner_1RB_Rig ht-1@23-2305-2315-Ant1-21.54-23.98-PASS

1-N30-PC3-15-5-M-3-DFT-PI2BPSK-Outer_Full-25@ 0-2305-2315-Ant1-20.39-23.98-PASS



1-N30-PC3-15-5-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-2307.5-2317.5-Ant1-21.62-23.98-PASS

1-N30-PC3-15-5-H-2-DFT-PI2BPSK-Inner_1RB_Righ t-1@23-2307.5-2317.5-Ant1-21.58-23.98-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

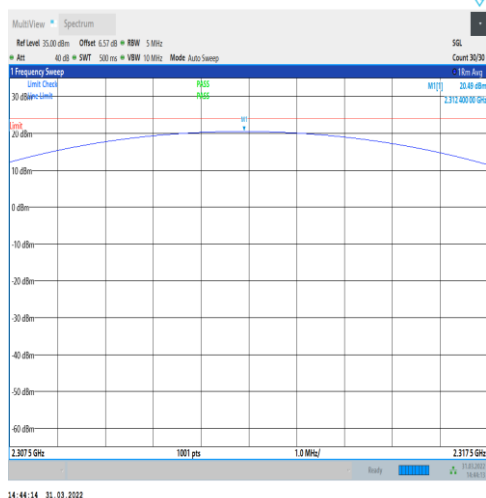
t (86-512) 62992980 www.sgsgroup.com.cn

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

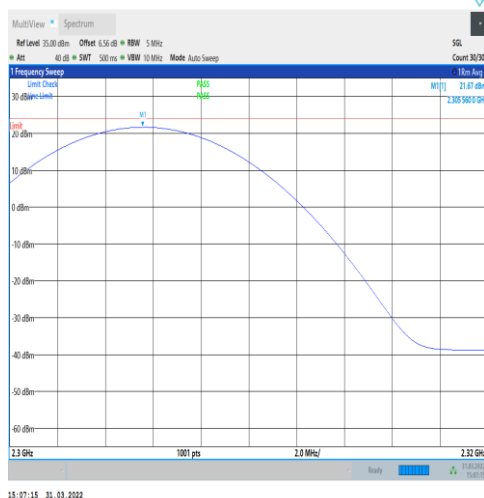
Report No.: SUZR/2022/1002202

Rev.: 01

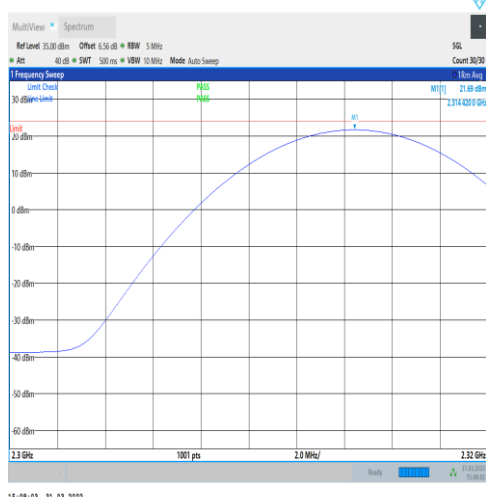
Page: 7 of 51



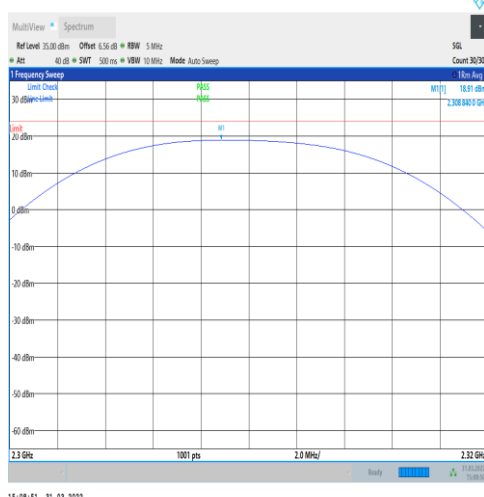
1-N30-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25
@0-2307.5-2317.5-Ant1-20.49-23.98-PASS



1-N30-PC3-15-10-M-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-2300-2320-Ant1-21.67-23.98-PASS



1-N30-PC3-15-10-M-2-DFT-PI2BPSK-Inner_1RB_Ri
ght-1@50-2300-2320-Ant1-21.69-23.98-PASS



1-N30-PC3-15-10-M-3-DFT-PI2BPSK-Outer_Full-50
@0-2300-2320-Ant1-18.91-23.98-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

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 8 of 51

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	M	Outer_Full	100%	0.00	8.77	≤13	PASS
N30	15	10	CP-256QAM	M	Outer_Full	100%	0.00	9.30	≤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号厂房南楼 邮编: 215000

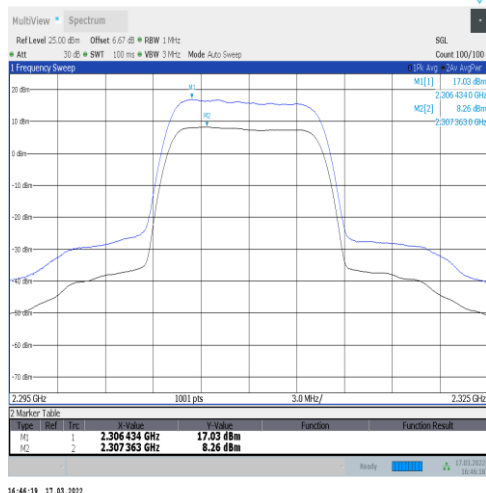
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

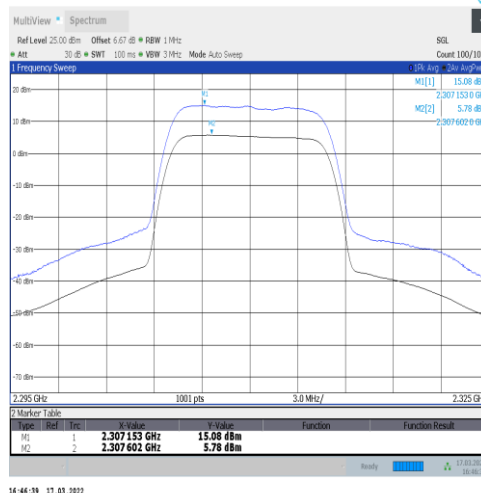
Rev.: 01

Page: 9 of 51

Test Graphs



1-N30-15-10-M-1-DFT-256QAM-Outet_Full-50@0-A
nt1-8.77-100%-0.00-8.77-PASS-≤13



1-N30-15-10-M-2-CP-256QAM-Outet_Full-52@0-An
t1-9.30-100%-0.00-9.30-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

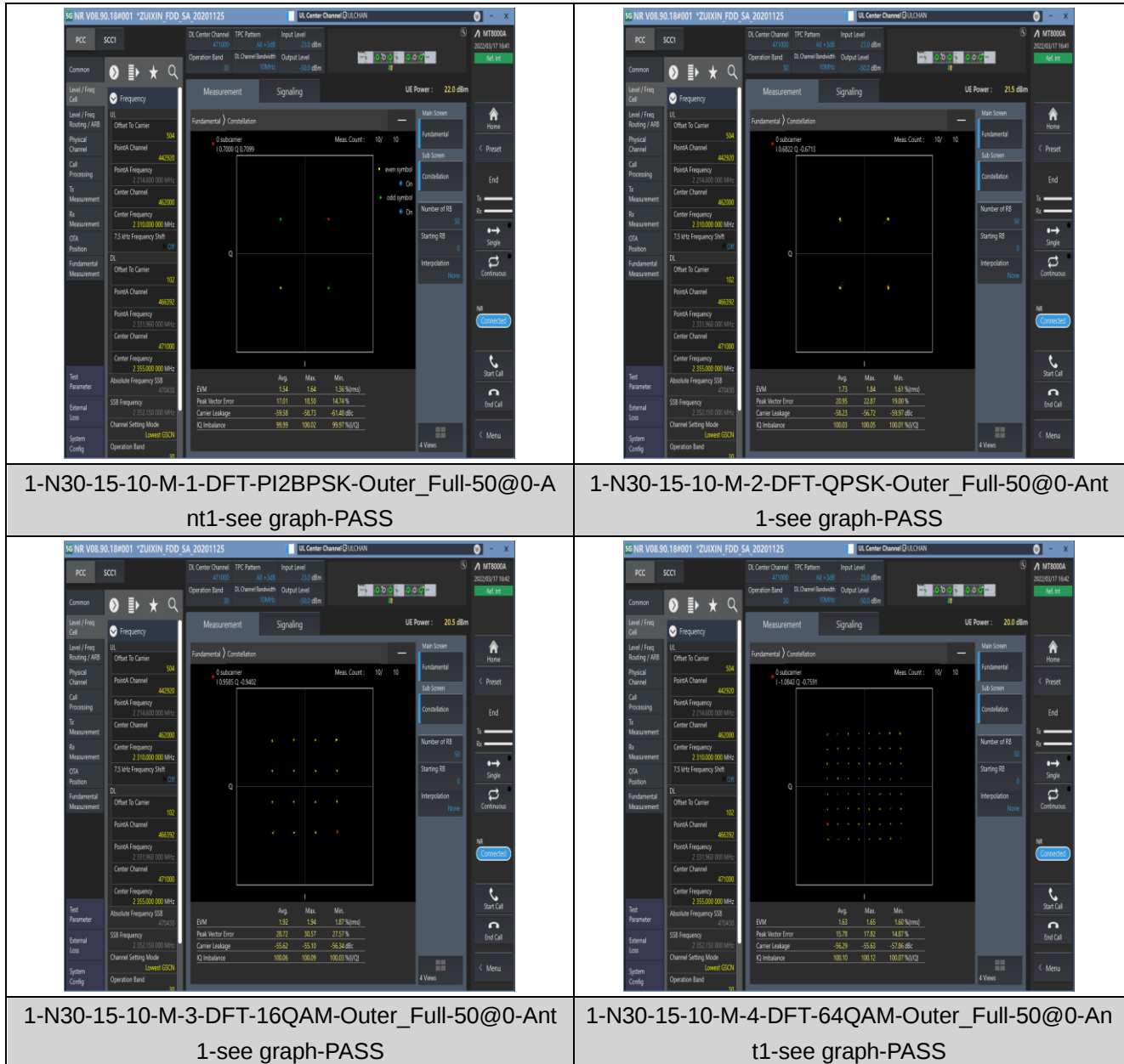
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

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

Modulation characteristics for SA

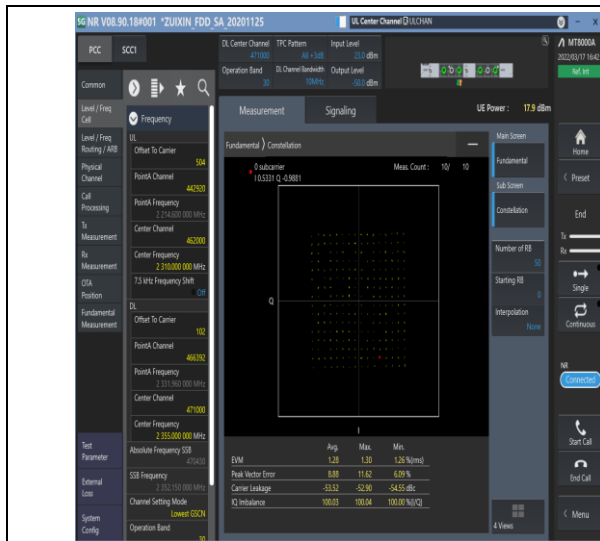
Test Graphs



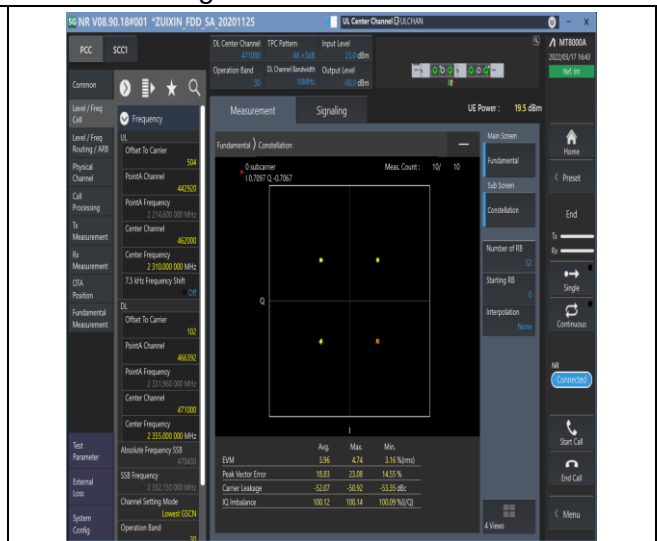
Report No.: SUZR/2022/1002202

Rev.: 01

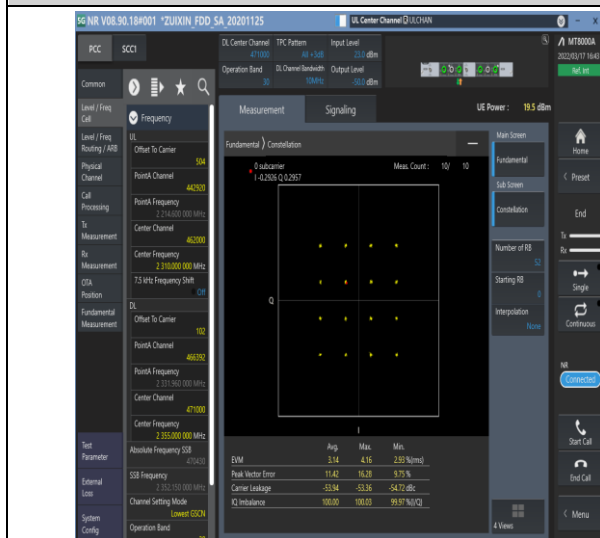
Page: 11 of 51



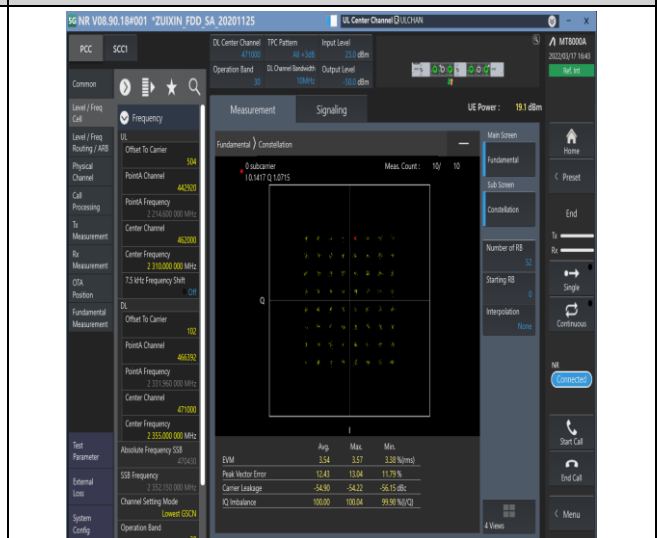
1-N30-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-see graph-PASS



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



1-N30-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-see graph-PASS

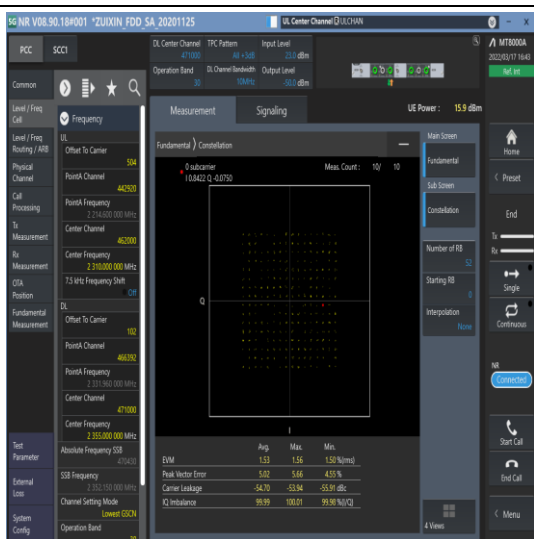


1-N30-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-see graph-PASS

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 12 of 51



1-N30-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
1-see graph-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.: SUZR/2022/1002202

Rev.: 01

Page: 13 of 51

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	4.483	5.030	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	4.475	5.090	PASS
N30	15	5	DFT-16QAM	L	Outer_Full	4.485	5.020	PASS
N30	15	5	DFT-64QAM	L	Outer_Full	4.487	5.090	PASS
N30	15	5	DFT-256QAM	L	Outer_Full	4.481	5.090	PASS
N30	15	5	CP-QPSK	L	Outer_Full	4.47	5.090	PASS
N30	15	5	CP-16QAM	L	Outer_Full	4.48	5.140	PASS
N30	15	5	CP-64QAM	L	Outer_Full	4.484	5.190	PASS
N30	15	5	CP-256QAM	L	Outer_Full	4.486	5.170	PASS
N30	15	5	DFT-QPSK	M	Outer_Full	4.479	4.980	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	4.481	5.160	PASS
N30	15	5	DFT-16QAM	M	Outer_Full	4.481	5.060	PASS
N30	15	5	DFT-64QAM	M	Outer_Full	4.474	5.100	PASS
N30	15	5	DFT-256QAM	M	Outer_Full	4.475	5.050	PASS
N30	15	5	CP-QPSK	M	Outer_Full	4.482	5.170	PASS
N30	15	5	CP-16QAM	M	Outer_Full	4.485	5.140	PASS
N30	15	5	CP-64QAM	M	Outer_Full	4.478	5.210	PASS
N30	15	5	CP-256QAM	M	Outer_Full	4.49	5.170	PASS
N30	15	5	DFT-QPSK	H	Outer_Full	4.49	5.020	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	4.47	5.000	PASS
N30	15	5	DFT-16QAM	H	Outer_Full	4.485	5.020	PASS
N30	15	5	DFT-64QAM	H	Outer_Full	4.483	5.090	PASS
N30	15	5	DFT-256QAM	H	Outer_Full	4.482	5.120	PASS
N30	15	5	CP-QPSK	H	Outer_Full	4.479	5.100	PASS
N30	15	5	CP-16QAM	H	Outer_Full	4.479	5.180	PASS
N30	15	5	CP-64QAM	H	Outer_Full	4.491	5.220	PASS
N30	15	5	CP-256QAM	H	Outer_Full	4.493	5.200	PASS
N30	15	10	DFT-QPSK	M	Outer_Full	8.943	9.660	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	8.934	9.700	PASS
N30	15	10	DFT-16QAM	M	Outer_Full	8.937	9.700	PASS
N30	15	10	DFT-64QAM	M	Outer_Full	8.935	9.680	PASS
N30	15	10	DFT-256QAM	M	Outer_Full	8.936	9.640	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.: SUZR/2022/1002202

Rev.: 01

Page: 14 of 51

N30	15	10	CP-QPSK	M	Outer_Full	9.313	10.320	PASS
N30	15	10	CP-16QAM	M	Outer_Full	9.288	10.120	PASS
N30	15	10	CP-64QAM	M	Outer_Full	9.294	10.320	PASS
N30	15	10	CP-256QAM	M	Outer_Full	9.293	10.180	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.

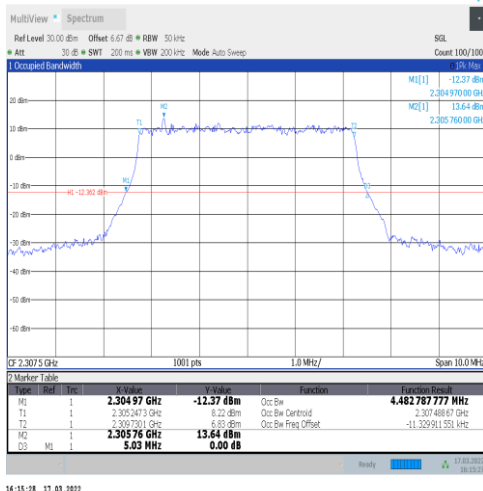
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

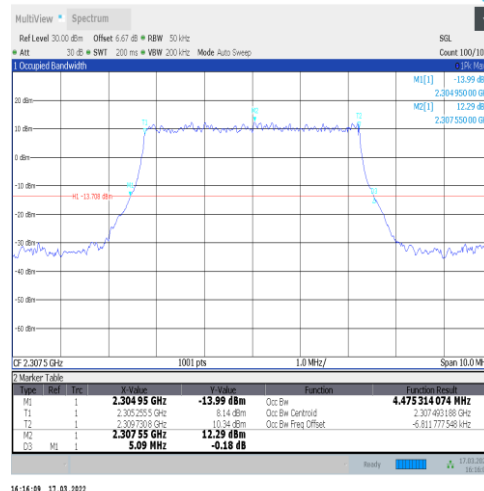
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202
Rev.: 01
Page: 15 of 51

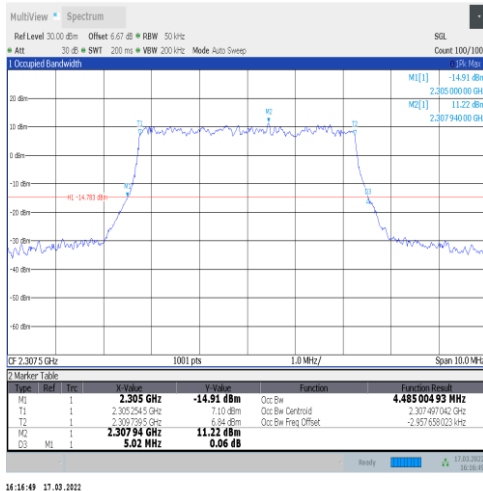
Test Graphs



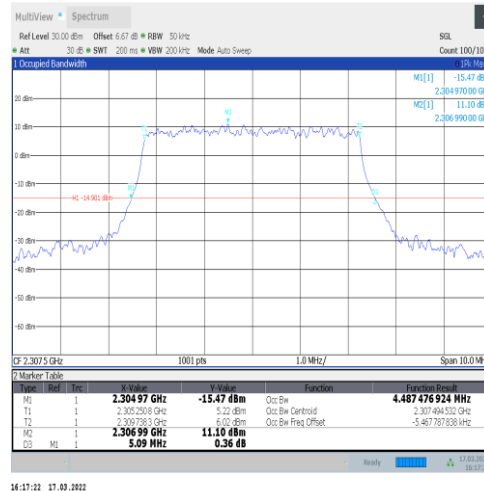
1-N30-15-5-L-1-DFT-QPSK-Outer_Full-25@0-Ant1-4
.483-5.030-≤5-PASS



1-N30-15-5-L-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
1-4.475-5.090-≤5-PASS



1-N30-15-5-L-3-DFT-16QAM-Outer_Full-25@0-Ant1-
4.485-5.020-≤5-PASS



1-N30-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1
-4.487-5.090-≤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, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

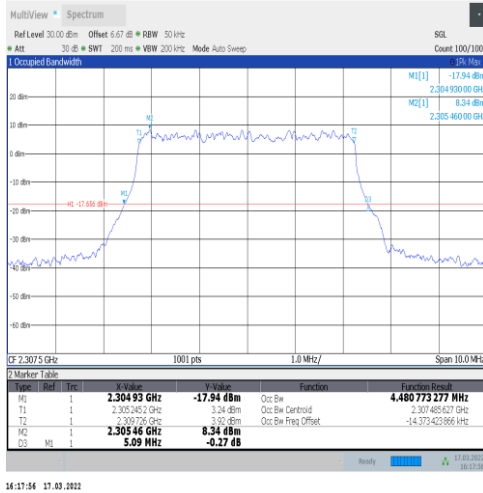
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

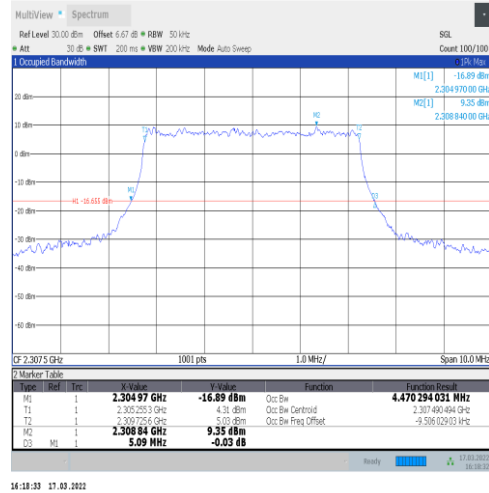
Report No.: SUZR/2022/1002202

Rev.: 01

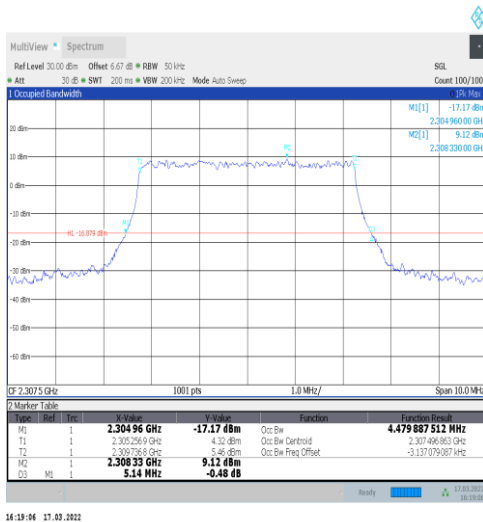
Page: 16 of 51



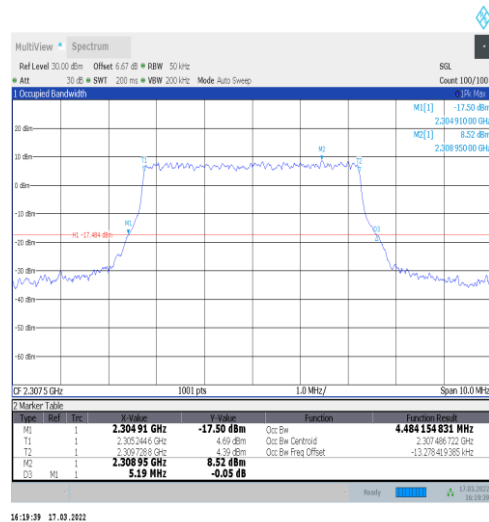
1-N30-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.481-5.090-≤5-PASS



1-N30-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
47-5.090-≤5-PASS



1-N30-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4
.48-5.140-≤5-PASS

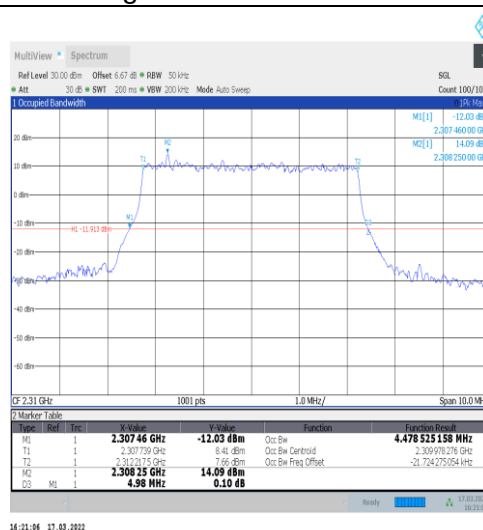
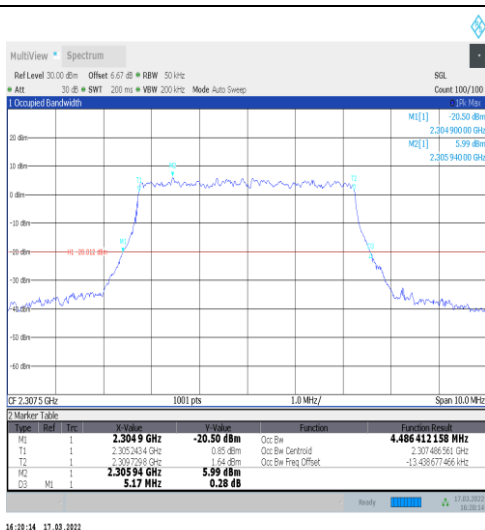


1-N30-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.484-5.190-≤5-PASS

Report No.: SUZR/2022/1002202

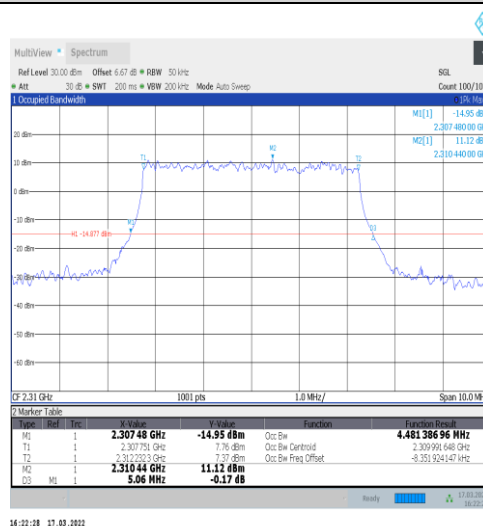
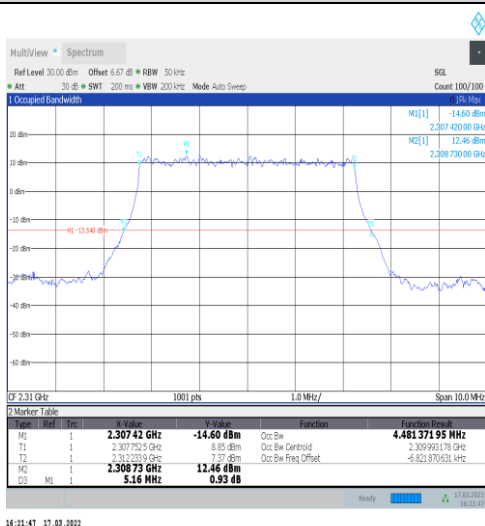
Rev.: 01

Page: 17 of 51



1-N30-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.486-5.170-≤5-PASS

1-N30-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.479-4.980-≤5-PASS



1-N30-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.481-5.160-≤5-PASS

1-N30-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.481-5.060-≤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

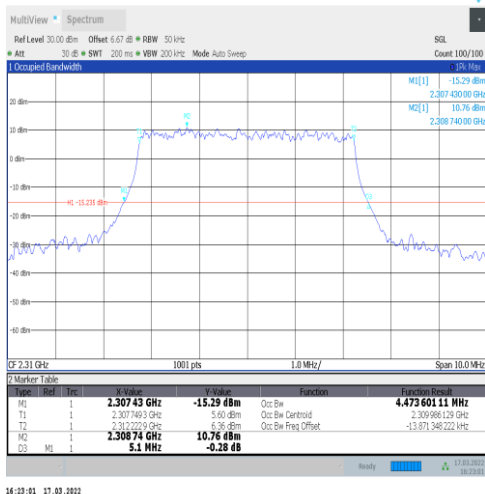
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

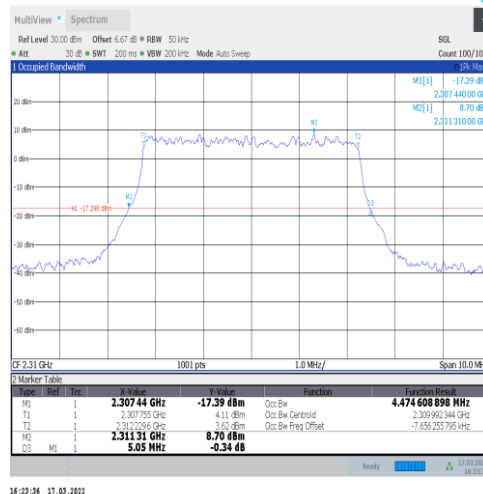
Report No.: SUZR/2022/1002202

Rev.: 01

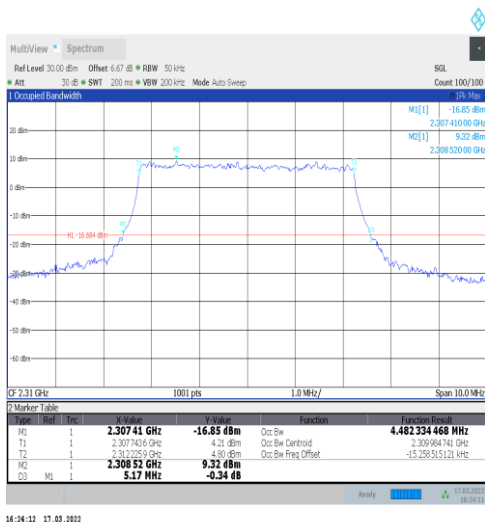
Page: 18 of 51



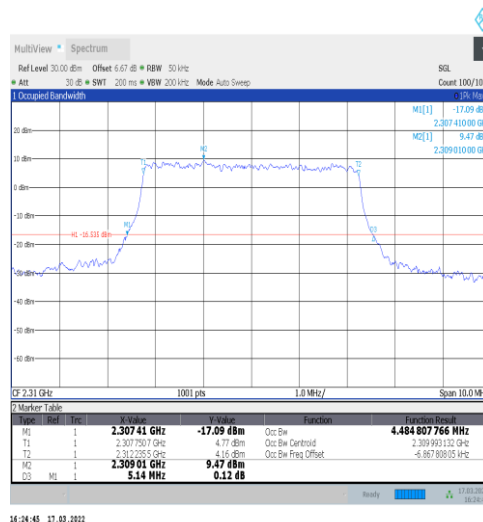
1-N30-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1
-4.474-5.100-≤5-PASS



1-N30-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.475-5.050-≤5-PASS



1-N30-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
482-5.170-≤5-PASS



1-N30-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.485-5.140-≤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

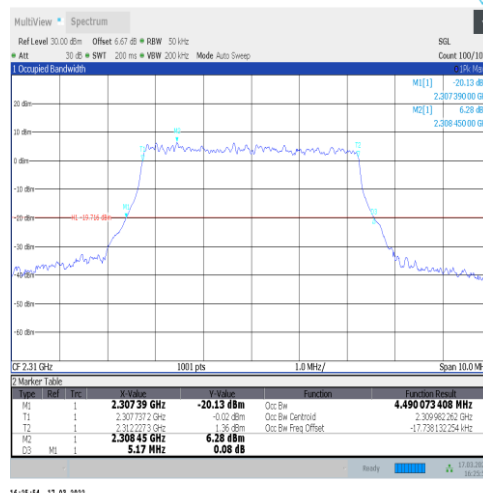
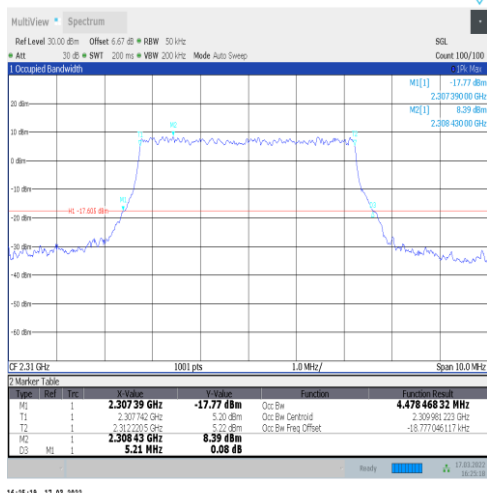
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

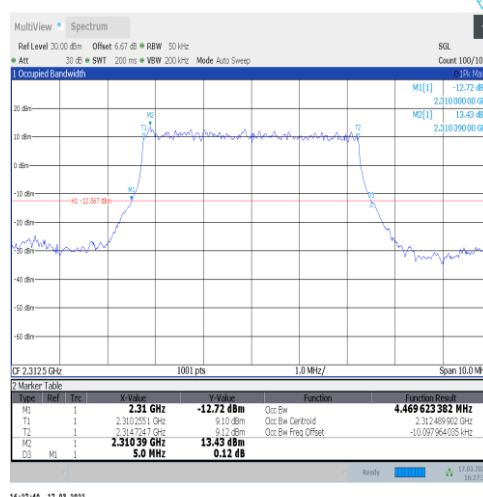
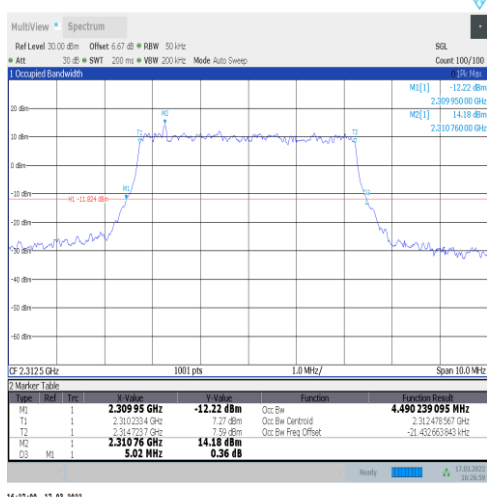
Rev.: 01

Page: 19 of 51



1-N30-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.478-5.210-≤5-PASS

1-N30-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.49-5.170-≤5-PASS



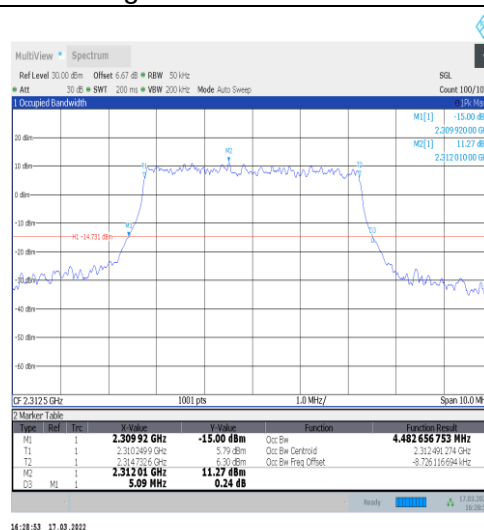
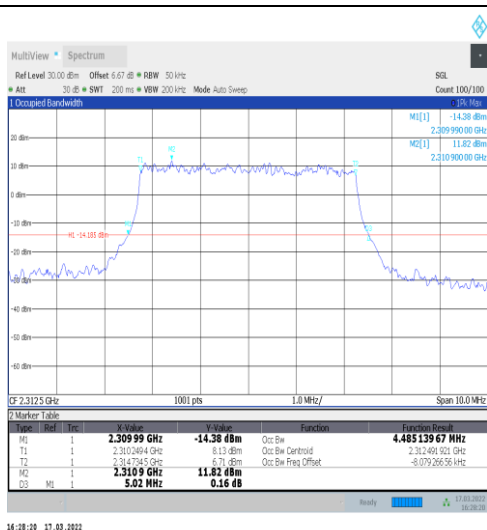
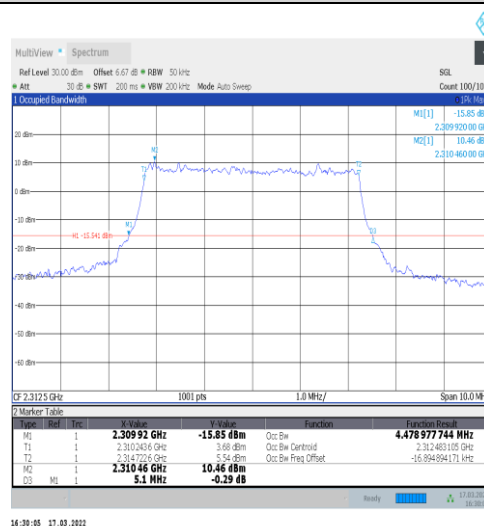
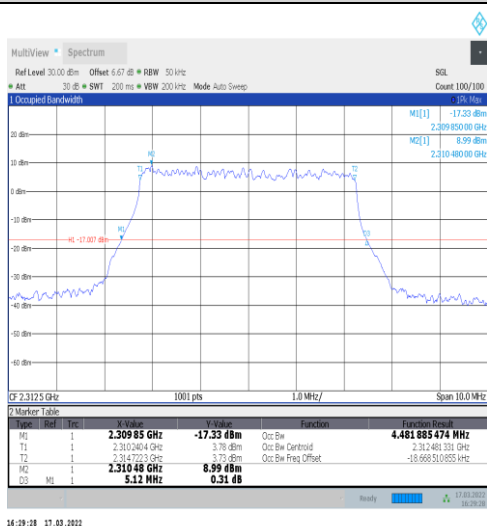
1-N30-15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-
4.49-5.020-≤5-PASS

1-N30-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
t1-4.47-5.000-≤5-PASS

Report No.: SUZR/2022/1002202

Rev.: 01

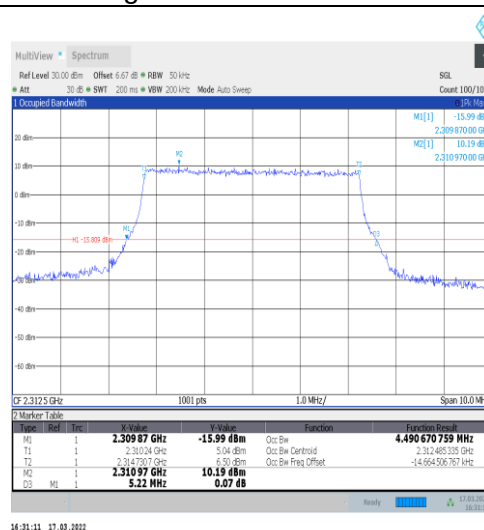
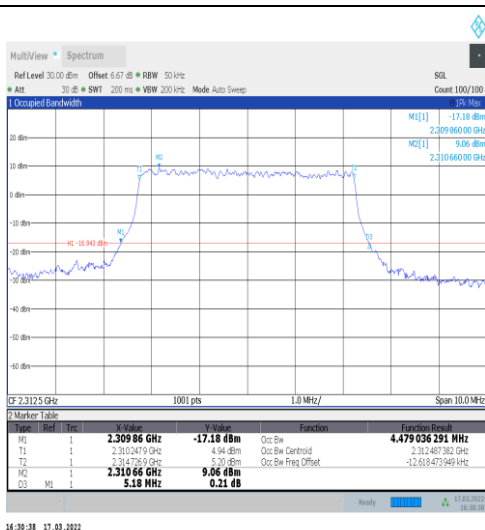
Page: 20 of 51

1-N30-15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant1
-4.485-5.020≤5-PASS1-N30-15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant1
-4.483-5.090≤5-PASS1-N30-15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant
1-4.482-5.120≤5-PASS1-N30-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4.
479-5.100≤5-PASS

Report No.: SUZR/2022/1002202

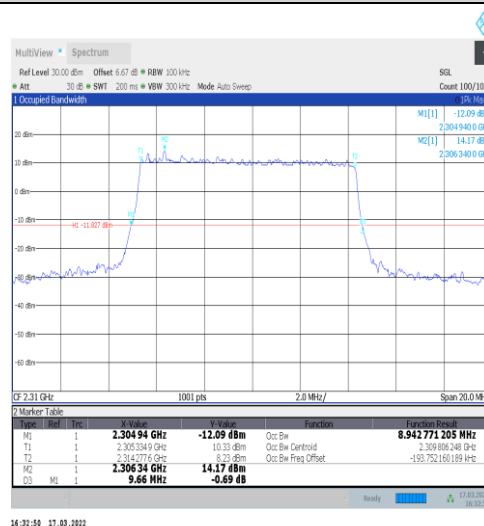
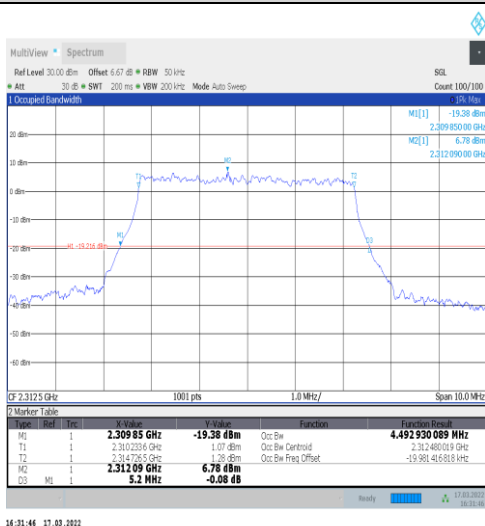
Rev.: 01

Page: 21 of 51



1-N30-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-
4.479-5.180-≤5-PASS

1-N30-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-
4.491-5.220-≤5-PASS



1-N30-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1
-4.493-5.200-≤5-PASS

1-N30-15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant1
-8.943-9.660-≤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号厂房南楼 邮编: 215000

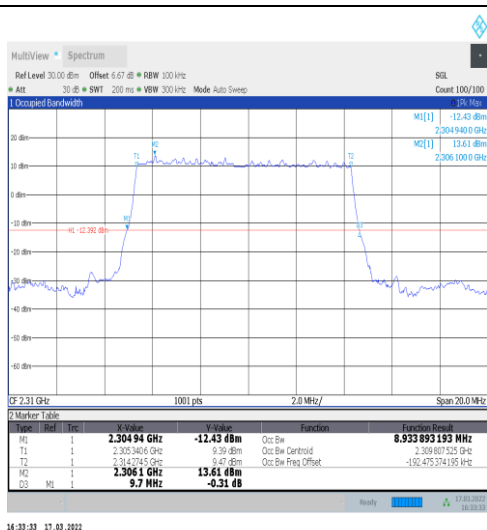
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

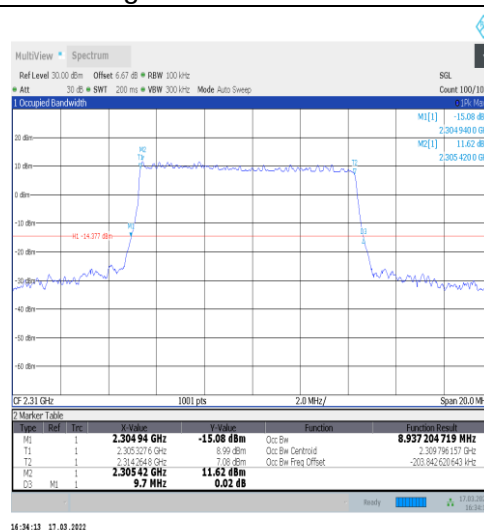
Report No.: SUZR/2022/1002202

Rev.: 01

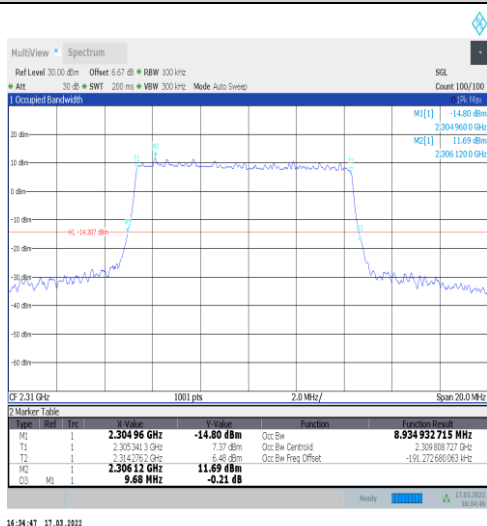
Page: 22 of 51



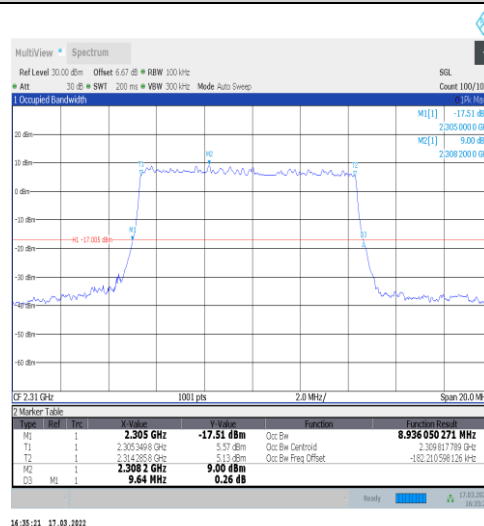
1-N30-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt1-8.934-9.700≤10-PASS



1-N30-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.937-9.700≤10-PASS



1-N30-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.935-9.680≤10-PASS



1-N30-15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.936-9.640≤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

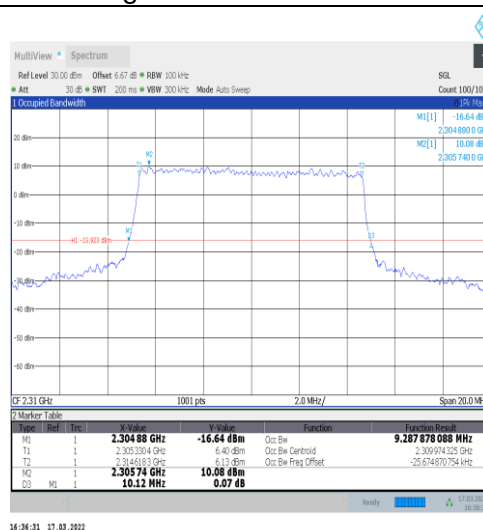
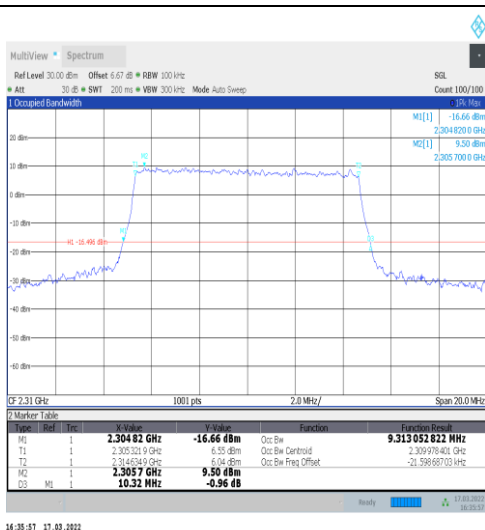
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SUZR/2022/1002202

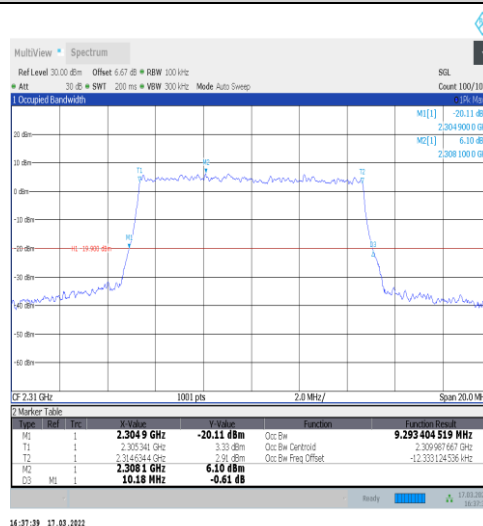
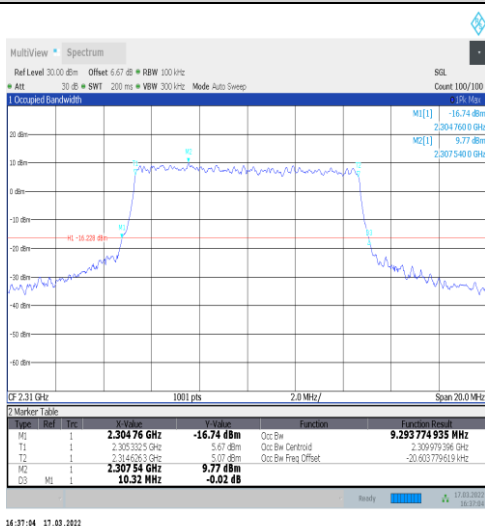
Rev.: 01

Page: 23 of 51



1-N30-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.313-10.320-≤10-PASS

1-N30-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-1-9.288-10.120-≤10-PASS



1-N30-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.294-10.320-≤10-PASS

1-N30-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-1-9.293-10.180-≤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

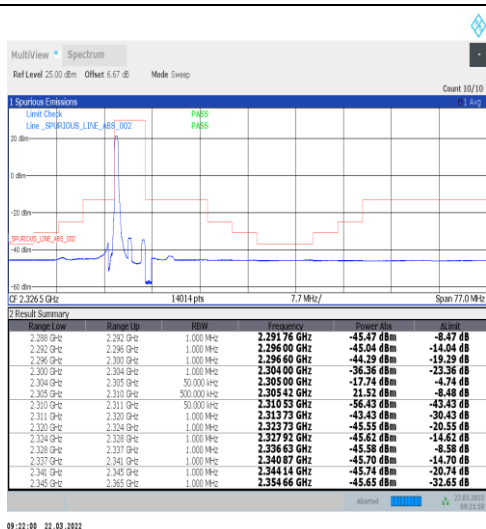
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

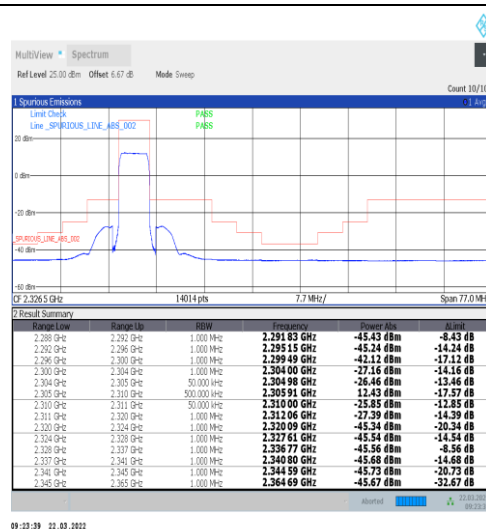
Member of the SGS Group (SGS SA)

Band Edge for SA

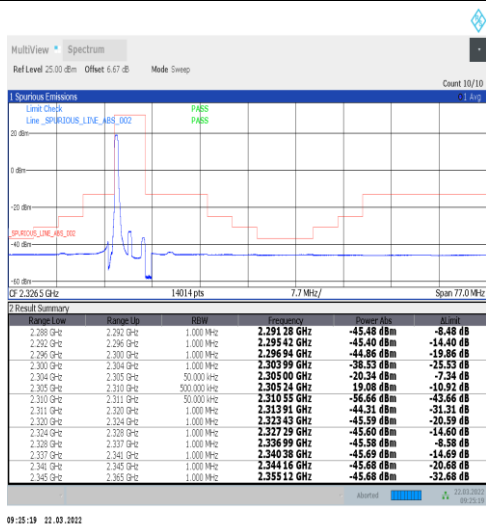
Test Graphs



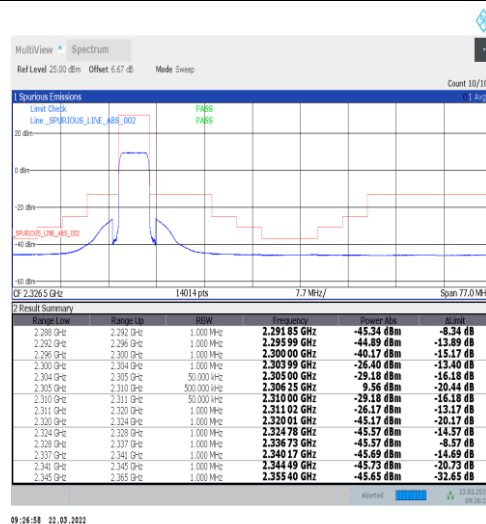
1-N30-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS-see graph



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



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



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

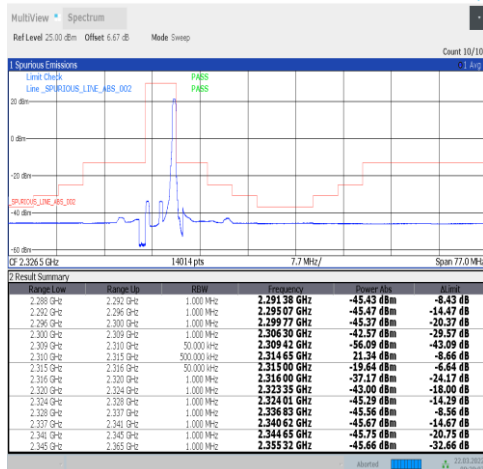
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

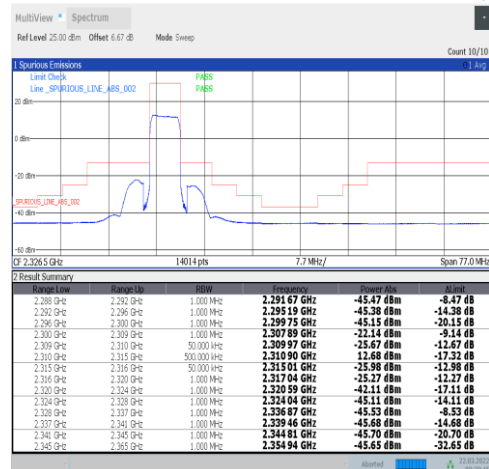
Report No.: SUZR/2022/1002202

Rev.: 01

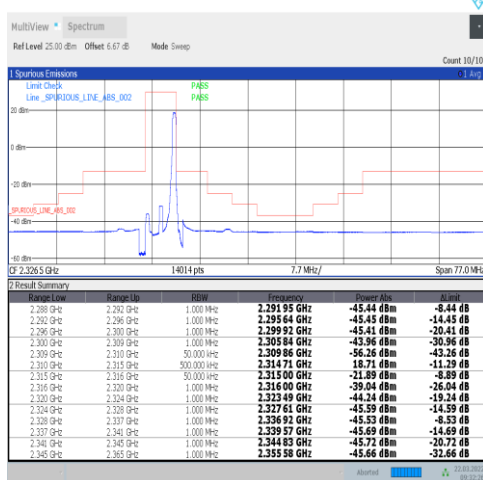
Page: 25 of 51



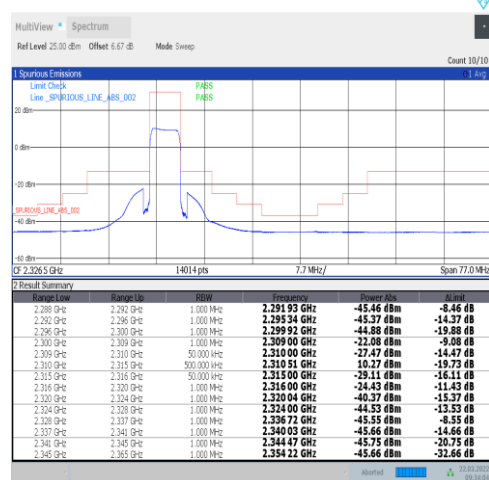
09:29:07 22.03.2022



09:30:46 22.03.2022

1-N30-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@2
4-Ant1-PASS-see graph1-N30-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-PASS-see graph

09:32:27 22.03.2022



09:34:15 22.03.2022

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-Ant1-PASS-see graph

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

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

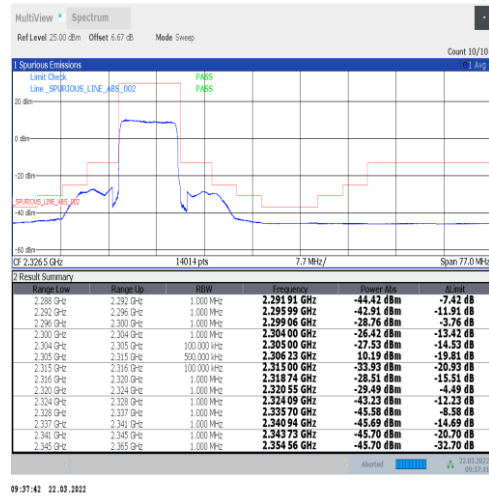
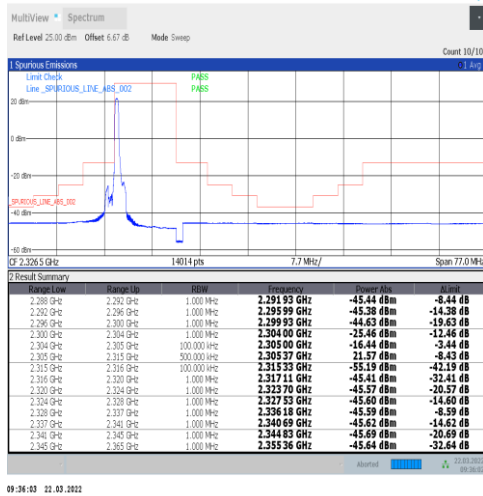
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUZR/2022/1002202

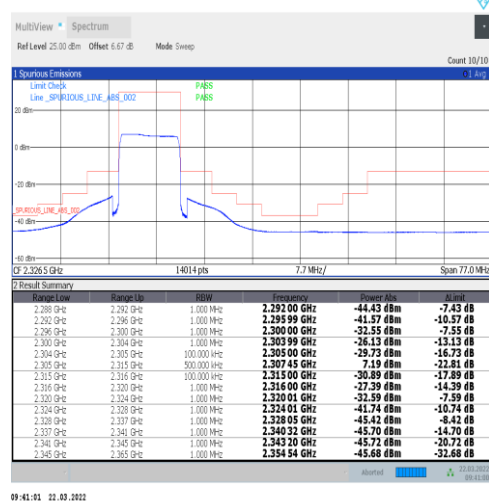
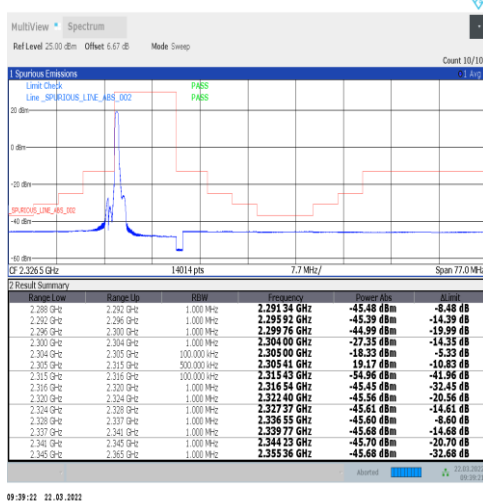
Rev.: 01

Page: 26 of 51



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

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



1-N30-15-10-M-4-CP-QPSK-Edge_1RB_Left-1@0-Ant
1-PASS-see graph

1-N30-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant
1-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

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

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

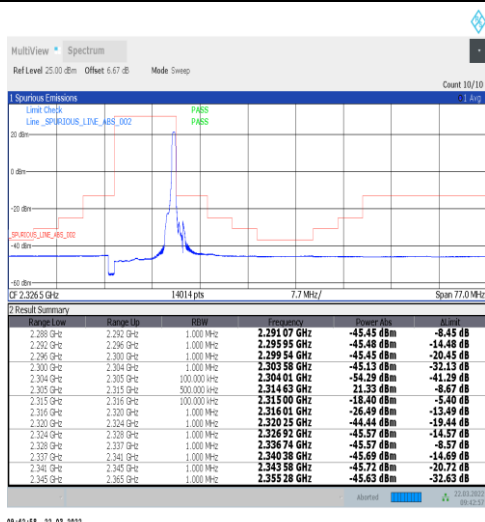
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

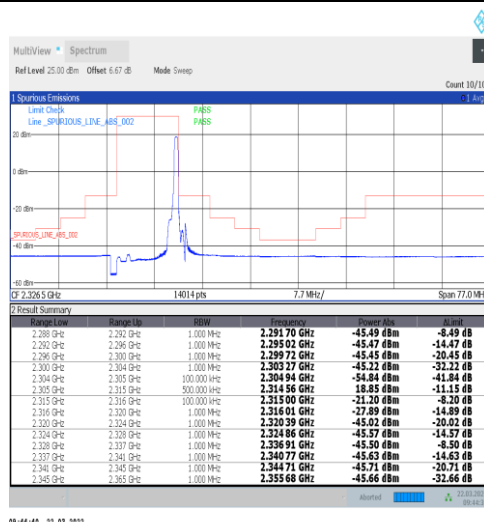
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 27 of 51



09:42:58 22.03.2022

1-N30-15-10-M-7-DFT-PI2BPSK-Edge_1RB_Right-1
@51-Ant1-PASS-see graph

09:44:40 22.03.2022

1-N30-15-10-M-8-CP-QPSK-Edge_1RB_Right-1@
51-Ant1-PASS-see graphSGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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)

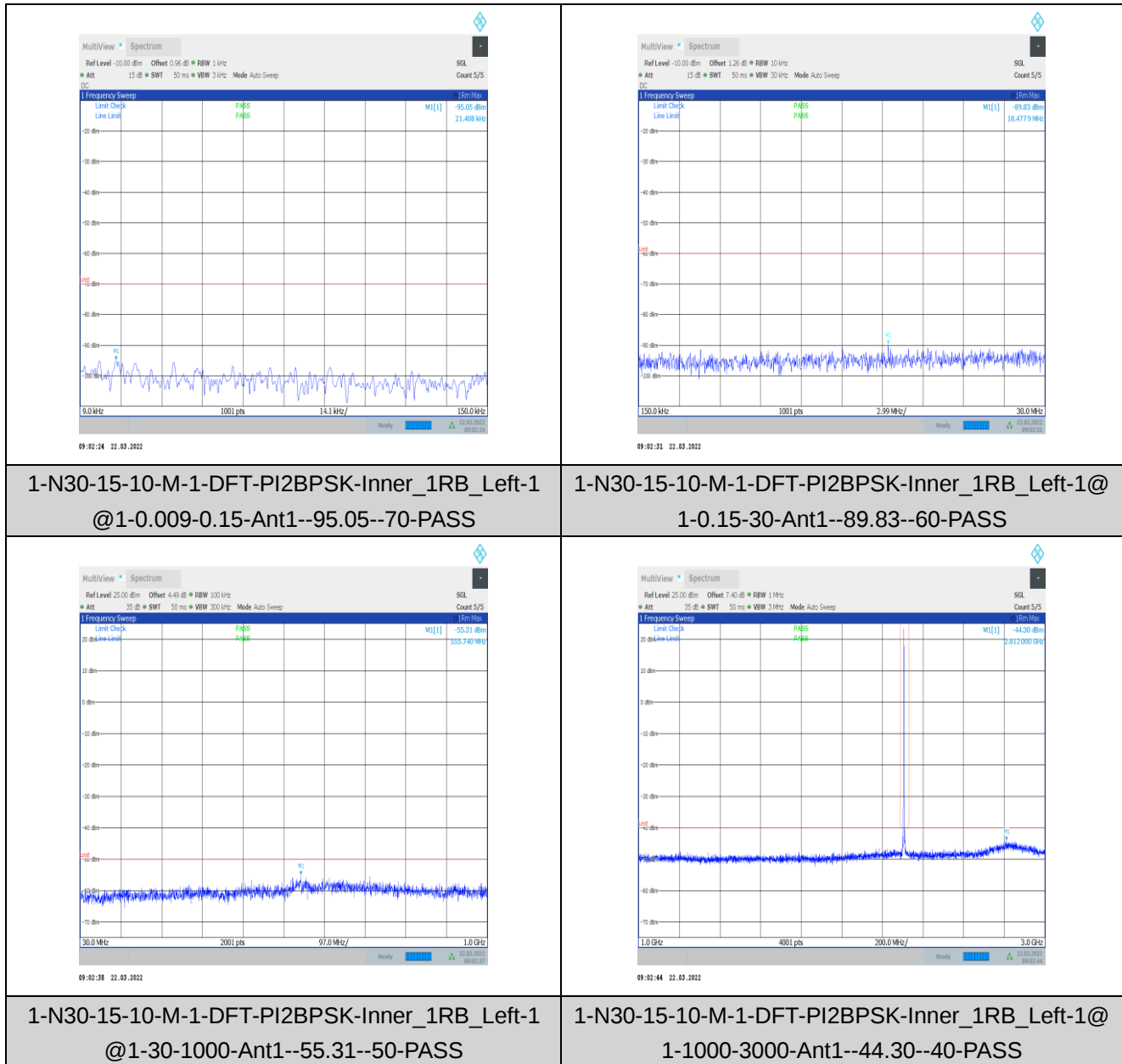
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 28 of 51

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 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

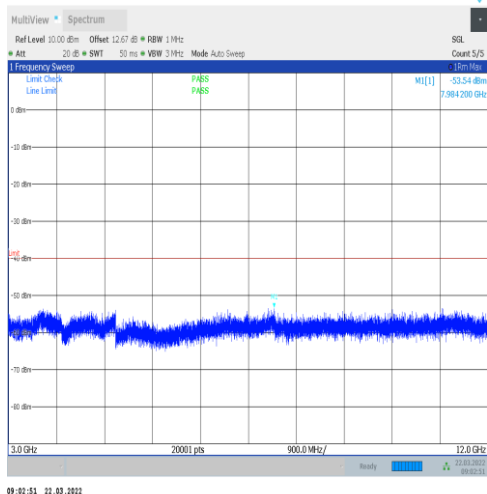
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

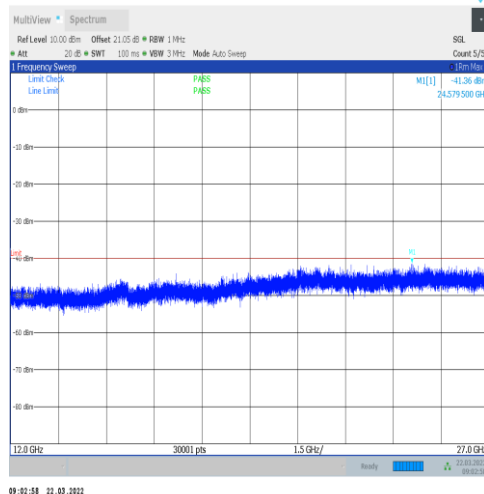
Report No.: SUZR/2022/1002202

Rev.: 01

Page: 29 of 51



1-N30-15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1
@1-3000-12000-Ant1--53.54--40-PASS



1-N30-15-10-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@
1-12000-27000-Ant1--41.36--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.: SUZR/2022/1002202

Rev.: 01

Page: 30 of 51

Field Strength of Spurious Radiation

Test Band = SA n30 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	49.56	-108.05	-58.49	-40.00	18.49	142	308	Horizontal
2	6916.77	47.62	-101.68	-54.06	-40.00	14.06	263	116	Horizontal
3	9222.36	47.05	-95.08	-48.03	-40.00	8.03	284	122	Horizontal
4	11527.95	42.97	-91.44	-48.47	-40.00	8.47	175	335	Horizontal
5	13833.54	43.37	-90.03	-46.66	-40.00	6.66	262	158	Horizontal
6	16139.13	41.92	-90.60	-48.68	-40.00	8.68	241	80	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	51.05	-108.05	-57.00	-40.00	17.00	263	175	Vertical
2	6916.77	49.28	-101.68	-52.40	-40.00	12.40	241	62	Vertical
3	9222.36	47.85	-95.08	-47.23	-40.00	7.23	178	360	Vertical
4	11527.95	42.22	-91.44	-49.22	-40.00	9.22	265	346	Vertical
5	13833.54	43.62	-90.03	-46.41	-40.00	6.41	241	175	Vertical
6	16139.13	41.57	-90.60	-49.03	-40.00	9.03	144	280	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.: SUZR/2022/1002202

Rev.: 01

Page: 31 of 51

Test Band = SA n30 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	50.06	-108.05	-57.99	-40.00	17.99	142	156	Horizontal
2	6916.02	47.84	-101.68	-53.84	-40.00	13.84	262	165	Horizontal
3	9221.36	48.06	-95.08	-47.02	-40.00	7.02	221	338	Horizontal
4	11526.7	41.94	-91.44	-49.50	-40.00	9.50	142	146	Horizontal
5	13832.04	42.52	-90.05	-47.53	-40.00	7.53	254	3	Horizontal
6	16137.38	41.92	-90.62	-48.70	-40.00	8.70	144	225	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	51.07	-108.05	-56.98	-40.00	16.98	147	273	Vertical
2	6916.02	49.36	-101.68	-52.32	-40.00	12.32	265	116	Vertical
3	9221.36	47.22	-95.08	-47.86	-40.00	7.86	284	107	Vertical
4	11526.7	42.53	-91.44	-48.91	-40.00	8.91	162	282	Vertical
5	13832.04	43.20	-90.05	-46.85	-40.00	6.85	241	98	Vertical
6	16137.38	41.88	-90.62	-48.74	-40.00	8.74	147	82	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.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 32 of 51

Test Band = SA n30 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	50.86	-108.03	-57.17	-40.00	17.17	142	96	Horizontal
2	6923.52	47.93	-101.68	-53.75	-40.00	13.75	145	191	Horizontal
3	9231.36	46.89	-95.08	-48.19	-40.00	8.19	141	360	Horizontal
4	11539.2	42.41	-91.51	-49.10	-40.00	9.10	175	19	Horizontal
5	13847.04	41.84	-89.92	-48.08	-40.00	8.08	265	79	Horizontal
6	16154.88	42.63	-90.46	-47.83	-40.00	7.83	281	263	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	53.65	-108.03	-54.38	-40.00	14.38	142	11	Vertical
2	6923.52	48.97	-101.68	-52.71	-40.00	12.71	276	3	Vertical
3	9231.36	45.99	-95.08	-49.09	-40.00	9.09	254	178	Vertical
4	11539.2	42.28	-91.51	-49.23	-40.00	9.23	186	143	Vertical
5	13847.04	41.92	-89.92	-48.00	-40.00	8.00	241	98	Vertical
6	16154.88	41.70	-90.46	-48.76	-40.00	8.76	177	257	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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.: SUZR/2022/1002202

Rev.: 01

Page: 33 of 51

Test Band = SA n30 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	49.74	-108.00	-58.26	-40.00	18.26	163	71	Horizontal
2	6931.02	48.33	-101.68	-53.35	-40.00	13.35	241	343	Horizontal
3	9241.32	47.17	-95.08	-47.91	-40.00	7.91	178	3	Horizontal
4	11551.7	41.87	-91.59	-49.72	-40.00	9.72	265	285	Horizontal
5	13862.04	41.61	-89.78	-48.17	-40.00	8.17	241	106	Horizontal
6	16172.38	41.59	-90.28	-48.69	-40.00	8.69	225	131	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	50.22	-108.00	-57.78	-40.00	17.78	263	100	Vertical
2	6931.02	48.53	-101.68	-53.15	-40.00	13.15	241	55	Vertical
3	9241.32	47.38	-95.08	-47.70	-40.00	7.70	178	327	Vertical
4	11551.7	42.29	-91.59	-49.30	-40.00	9.30	265	336	Vertical
5	13862.04	41.85	-89.78	-47.93	-40.00	7.93	241	302	Vertical
6	16172.38	42.11	-90.28	-48.17	-40.00	8.17	185	360	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.: SUZR/2022/1002202

Rev.: 01

Page: 34 of 51

Test Band = NSA DC_2A_n30 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	49.82	-108.05	-58.23	-40.00	18.23	263	359	Horizontal
2	6916.77	47.70	-101.68	-53.98	-40.00	13.98	241	152	Horizontal
3	9222.36	46.52	-95.08	-48.56	-40.00	8.56	175	45	Horizontal
4	11527.95	42.68	-91.44	-48.76	-40.00	8.76	265	360	Horizontal
5	13833.54	42.57	-90.03	-47.46	-40.00	7.46	244	250	Horizontal
6	16139.13	42.27	-90.60	-48.33	-40.00	8.33	188	360	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	49.88	-108.05	-58.17	-40.00	18.17	265	82	Vertical
2	6916.77	48.60	-101.68	-53.08	-40.00	13.08	241	47	Vertical
3	9222.36	47.54	-95.08	-47.54	-40.00	7.54	178	213	Vertical
4	11527.95	42.64	-91.44	-48.80	-40.00	8.80	251	350	Vertical
5	13833.54	41.99	-90.03	-48.04	-40.00	8.04	144	3	Vertical
6	16139.13	42.77	-90.60	-47.83	-40.00	7.83	244	186	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.: SUZR/2022/1002202

Rev.: 01

Page: 35 of 51

Test Band = NSA DC_2A_n30 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	50.36	-108.05	-57.69	-40.00	17.69	263	355	Horizontal
2	6916.02	47.96	-101.68	-53.72	-40.00	13.72	251	316	Horizontal
3	9221.36	47.74	-95.08	-47.34	-40.00	7.34	142	204	Horizontal
4	11526.7	43.17	-91.44	-48.27	-40.00	8.88	265	98	Horizontal
5	13832.04	42.54	-90.05	-47.51	-40.00	7.51	241	3	Horizontal
6	16137.38	41.57	-90.62	-49.05	-40.00	9.05	144	88	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	50.05	-108.05	-58.00	-40.00	18.00	263	360	Vertical
2	6916.02	47.83	-101.68	-53.85	-40.00	13.85	251	162	Vertical
3	9221.36	46.35	-95.08	-48.73	-40.00	8.73	174	91	Vertical
4	11526.7	41.42	-91.44	-50.02	-40.00	10.02	186	255	Vertical
5	13832.04	43.54	-90.05	-46.51	-40.00	6.51	254	328	Vertical
6	16137.38	43.19	-90.62	-47.43	-40.00	7.43	144	246	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.: SUZR/2022/1002202

Rev.: 01

Page: 36 of 51

Test Band = NSA DC_2A_n30 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	50.51	-108.03	-57.52	-40.00	17.52	241	11	Horizontal
2	6923.52	49.92	-101.68	-51.76	-40.00	11.76	175	71	Horizontal
3	9231.36	47.04	-95.08	-48.04	-40.00	8.04	265	324	Horizontal
4	11539.2	42.20	-91.51	-49.31	-40.00	9.31	284	79	Horizontal
5	13847.04	41.57	-89.92	-48.35	-40.00	8.35	176	264	Horizontal
6	16154.88	41.75	-90.46	-48.71	-40.00	8.71	254	315	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	48.80	-108.03	-59.23	-40.00	19.23	263	177	Vertical
2	6923.52	48.08	-101.68	-53.60	-40.00	13.60	251	194	Vertical
3	9231.36	46.90	-95.08	-48.18	-40.00	8.18	141	168	Vertical
4	11539.2	43.28	-91.51	-48.23	-40.00	8.23	162	221	Vertical
5	13847.04	41.87	-89.92	-48.05	-40.00	8.05	284	348	Vertical
6	16154.88	42.34	-90.46	-48.12	-40.00	8.12	176	54	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.: SUZR/2022/1002202

Rev.: 01

Page: 37 of 51

Test Band = NSA DC_2A_n30 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	49.84	-108.00	-58.16	-40.00	18.16	142	247	Horizontal
2	6931.02	48.55	-101.68	-53.13	-40.00	13.13	263	140	Horizontal
3	9241.32	46.32	-95.08	-48.76	-40.00	8.76	251	265	Horizontal
4	11551.7	41.45	-91.59	-50.14	-40.00	10.14	178	88	Horizontal
5	13862.04	42.09	-89.78	-47.69	-40.00	7.69	144	283	Horizontal
6	16172.38	42.18	-90.28	-48.10	-40.00	8.10	159	45	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4716.4286	55.69	-107.63	-51.94	-40.00	11.94	163	354	Vertical
2	6931.02	47.90	-101.68	-53.78	-40.00	13.78	241	3	Vertical
3	9241.32	46.15	-95.08	-48.93	-40.00	8.93	175	133	Vertical
4	11551.7	41.97	-91.59	-49.62	-40.00	9.62	265	230	Vertical
5	13862.04	41.85	-89.78	-47.93	-40.00	7.93	241	71	Vertical
6	16172.38	41.75	-90.28	-48.53	-40.00	8.53	184	185	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.: SUZR/2022/1002202

Rev.: 01

Page: 38 of 51

Test Band = NSA DC_5A_n30 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	49.84	-108.05	-58.21	-40.00	18.21	142	360	Horizontal
2	6916.77	47.66	-101.68	-54.02	-40.00	14.02	263	29	Horizontal
3	9222.36	47.34	-95.08	-47.74	-40.00	7.74	251	242	Horizontal
4	11527.95	42.09	-91.44	-49.35	-40.00	9.35	142	170	Horizontal
5	13833.54	42.48	-90.03	-47.55	-40.00	7.55	284	360	Horizontal
6	16139.13	42.11	-90.60	-48.49	-40.00	8.49	144	251	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	48.90	-108.05	-59.15	-40.00	19.15	143	139	Vertical
2	6916.77	48.25	-101.68	-53.43	-40.00	13.43	262	334	Vertical
3	9222.36	46.80	-95.08	-48.28	-40.00	8.28	241	149	Vertical
4	11527.95	41.71	-91.44	-49.73	-40.00	9.73	178	53	Vertical
5	13833.54	42.14	-90.03	-47.89	-40.00	7.89	268	184	Vertical
6	16139.13	43.07	-90.60	-47.53	-40.00	7.53	261	132	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.: SUZR/2022/1002202

Rev.: 01

Page: 39 of 51

Test Band = NSA DC_5A_n30 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	49.54	-108.05	-58.51	-40.00	18.51	142	359	Horizontal
2	6916.02	48.02	-101.68	-53.66	-40.00	13.66	263	54	Horizontal
3	9221.36	46.75	-95.08	-48.33	-40.00	8.33	284	248	Horizontal
4	11526.7	41.93	-91.44	-49.51	-40.00	9.51	175	98	Horizontal
5	13832.04	42.36	-90.05	-47.69	-40.00	7.69	265	358	Horizontal
6	16137.38	41.64	-90.62	-48.98	-40.00	8.98	241	238	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	49.07	-108.05	-58.98	-40.00	18.98	263	4	Vertical
2	6916.02	48.32	-101.68	-53.36	-40.00	13.36	262	354	Vertical
3	9221.36	47.50	-95.08	-47.58	-40.00	7.58	252	177	Vertical
4	11526.7	42.45	-91.44	-48.99	-40.00	8.99	186	72	Vertical
5	13832.04	42.37	-90.05	-47.68	-40.00	7.68	254	106	Vertical
6	16137.38	41.99	-90.62	-48.63	-40.00	8.63	144	54	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.: SUZR/2022/1002202

Rev.: 01

Page: 40 of 51

Test Band = NSA DC_5A_n30 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	49.80	-108.03	-58.23	-40.00	18.23	263	336	Horizontal
2	6923.52	48.54	-101.68	-53.14	-40.00	13.14	254	70	Horizontal
3	9231.36	46.74	-95.08	-48.34	-40.00	8.34	178	19	Horizontal
4	11539.2	41.58	-91.51	-49.93	-40.00	9.93	265	342	Horizontal
5	13847.04	41.90	-89.92	-48.02	-40.00	8.02	241	62	Horizontal
6	16154.88	41.58	-90.46	-48.88	-40.00	8.88	144	314	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	49.02	-108.03	-59.01	-40.00	19.01	263	247	Vertical
2	6923.52	49.01	-101.68	-52.67	-40.00	12.67	251	360	Vertical
3	9231.36	47.47	-95.08	-47.61	-40.00	7.61	144	133	Vertical
4	11539.2	41.80	-91.51	-49.71	-40.00	9.71	175	19	Vertical
5	13847.04	41.57	-89.92	-48.35	-40.00	8.35	265	292	Vertical
6	16154.88	42.38	-90.46	-48.08	-40.00	8.08	242	133	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/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.: SUZR/2022/1002202

Rev.: 01

Page: 41 of 51

Test Band = NSA DC_5A_n30 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	48.96	-108.00	-59.04	-40.00	19.04	251	360	Horizontal
2	6931.02	48.29	-101.68	-53.39	-40.00	13.39	142	239	Horizontal
3	9241.32	47.06	-95.08	-48.02	-40.00	8.02	263	19	Horizontal
4	11551.7	42.06	-91.59	-49.53	-40.00	9.53	284	37	Horizontal
5	13862.04	41.09	-89.78	-48.69	-40.00	8.69	176	360	Horizontal
6	16172.38	42.18	-90.28	-48.10	-40.00	8.10	254	283	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	50.05	-108.00	-57.95	-40.00	17.95	265	360	Vertical
2	6931.02	48.65	-101.68	-53.03	-40.00	13.03	251	123	Vertical
3	9241.32	46.58	-95.08	-48.50	-40.00	8.50	141	203	Vertical
4	11551.7	41.81	-91.59	-49.78	-40.00	9.78	175	166	Vertical
5	13862.04	41.02	-89.78	-48.76	-40.00	8.76	254	273	Vertical
6	16172.38	42.15	-90.28	-48.13	-40.00	8.13	187	20	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.: SUZR/2022/1002202

Rev.: 01

Page: 42 of 51

Test Band = NSA DC_12A_n30 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	49.84	-108.05	-58.21	-40.00	18.21	142	360	Horizontal
2	6916.77	47.66	-101.68	-54.02	-40.00	14.02	263	29	Horizontal
3	9222.36	47.34	-95.08	-47.74	-40.00	7.74	251	242	Horizontal
4	11527.95	42.09	-91.44	-49.35	-40.00	9.35	142	170	Horizontal
5	13833.54	42.48	-90.03	-47.55	-40.00	7.55	284	360	Horizontal
6	16139.13	42.11	-90.60	-48.49	-40.00	8.49	144	251	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	48.90	-108.05	-59.15	-40.00	19.15	143	139	Vertical
2	6916.77	48.25	-101.68	-53.43	-40.00	13.43	262	334	Vertical
3	9222.36	46.80	-95.08	-48.28	-40.00	8.28	241	149	Vertical
4	11527.95	41.71	-91.44	-49.73	-40.00	9.73	178	53	Vertical
5	13833.54	42.14	-90.03	-47.89	-40.00	7.89	268	184	Vertical
6	16139.13	43.07	-90.60	-47.53	-40.00	7.53	261	132	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号厂房南座 邮编: 215000

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

Report No.: SUZR/2022/1002202

Rev.: 01

Page: 43 of 51

Test Band = NSA DC_12A_n30 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	49.54	-108.05	-58.51	-40.00	18.51	142	359	Horizontal
2	6916.02	48.02	-101.68	-53.66	-40.00	13.66	263	54	Horizontal
3	9221.36	46.75	-95.08	-48.33	-40.00	8.33	284	248	Horizontal
4	11526.7	41.93	-91.44	-49.51	-40.00	9.51	175	98	Horizontal
5	13832.04	42.36	-90.05	-47.69	-40.00	7.69	265	358	Horizontal
6	16137.38	41.64	-90.62	-48.98	-40.00	8.98	241	238	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	49.07	-108.05	-58.98	-40.00	18.98	263	4	Vertical
2	6916.02	48.32	-101.68	-53.36	-40.00	13.36	262	354	Vertical
3	9221.36	47.50	-95.08	-47.58	-40.00	7.58	252	177	Vertical
4	11526.7	42.45	-91.44	-48.99	-40.00	8.99	186	72	Vertical
5	13832.04	42.37	-90.05	-47.68	-40.00	7.68	254	106	Vertical
6	16137.38	41.99	-90.62	-48.63	-40.00	8.63	144	54	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.: SUZR/2022/1002202

Rev.: 01

Page: 44 of 51

Test Band = NSA DC_12A_n30 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	49.80	-108.03	-58.23	-40.00	18.23	263	336	Horizontal
2	6923.52	48.54	-101.68	-53.14	-40.00	13.14	254	70	Horizontal
3	9231.36	46.74	-95.08	-48.34	-40.00	8.34	178	19	Horizontal
4	11539.2	41.58	-91.51	-49.93	-40.00	9.93	265	342	Horizontal
5	13847.04	41.90	-89.92	-48.02	-40.00	8.02	241	62	Horizontal
6	16154.88	41.58	-90.46	-48.88	-40.00	8.88	144	314	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	49.02	-108.03	-59.01	-40.00	19.01	263	247	Vertical
2	6923.52	49.01	-101.68	-52.67	-40.00	12.67	251	360	Vertical
3	9231.36	47.47	-95.08	-47.61	-40.00	7.61	144	133	Vertical
4	11539.2	41.80	-91.51	-49.71	-40.00	9.71	175	19	Vertical
5	13847.04	41.57	-89.92	-48.35	-40.00	8.35	265	292	Vertical
6	16154.88	42.38	-90.46	-48.08	-40.00	8.08	242	133	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/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.: SUZR/2022/1002202

Rev.: 01

Page: 45 of 51

Test Band = NSA DC_12A_n30 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	48.96	-108.00	-59.04	-40.00	19.04	251	360	Horizontal
2	6931.02	48.29	-101.68	-53.39	-40.00	13.39	142	239	Horizontal
3	9241.32	47.06	-95.08	-48.02	-40.00	8.02	263	19	Horizontal
4	11551.7	42.06	-91.59	-49.53	-40.00	9.53	284	37	Horizontal
5	13862.04	41.09	-89.78	-48.69	-40.00	8.69	176	360	Horizontal
6	16172.38	42.18	-90.28	-48.10	-40.00	8.10	254	283	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	50.05	-108.00	-57.95	-40.00	17.95	265	360	Vertical
2	6931.02	48.65	-101.68	-53.03	-40.00	13.03	251	123	Vertical
3	9241.32	46.58	-95.08	-48.50	-40.00	8.50	141	203	Vertical
4	11551.7	41.81	-91.59	-49.78	-40.00	9.78	175	166	Vertical
5	13862.04	41.02	-89.78	-48.76	-40.00	8.76	254	273	Vertical
6	16172.38	42.15	-90.28	-48.13	-40.00	8.13	187	20	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.: SUZR/2022/1002202

Rev.: 01

Page: 46 of 51

Test Band = NSA DC_66A_n30 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	48.73	-108.05	-59.32	-40.00	19.32	263	266	Horizontal
2	6916.77	48.29	-101.68	-53.39	-40.00	13.39	251	248	Horizontal
3	9222.36	46.79	-95.08	-48.29	-40.00	8.29	145	327	Horizontal
4	11527.95	42.16	-91.44	-49.28	-40.00	9.28	265	54	Horizontal
5	13833.54	42.74	-90.03	-47.29	-40.00	7.29	241	141	Horizontal
6	16139.13	42.35	-90.60	-48.25	-40.00	8.25	186	238	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	49.58	-108.05	-58.47	-40.00	18.47	263	10	Vertical
2	6916.77	48.36	-101.68	-53.32	-40.00	13.32	251	203	Vertical
3	9222.36	46.57	-95.08	-48.51	-40.00	8.51	178	228	Vertical
4	11527.95	41.97	-91.44	-49.47	-40.00	9.47	265	106	Vertical
5	13833.54	42.56	-90.03	-47.47	-40.00	7.47	241	354	Vertical
6	16139.13	41.12	-90.60	-49.48	-40.00	9.48	144	264	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.: SUZR/2022/1002202

Rev.: 01

Page: 47 of 51

Test Band = NSA DC_66A_n30 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	49.95	-108.05	-58.10	-40.00	18.10	263	122	Horizontal
2	6916.02	47.58	-101.68	-54.10	-40.00	14.10	251	3	Horizontal
3	9221.36	46.47	-95.08	-48.61	-40.00	8.61	174	274	Horizontal
4	11526.7	41.63	-91.44	-49.81	-40.00	9.81	186	358	Horizontal
5	13832.04	44.28	-90.05	-45.77	-40.00	5.77	264	333	Horizontal
6	16137.38	42.06	-90.62	-48.56	-40.00	8.56	241	358	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4610.68	49.03	-108.05	-59.02	-40.00	19.02	263	97	Vertical
2	6916.02	48.70	-101.68	-52.98	-40.00	12.98	251	125	Vertical
3	9221.36	47.20	-95.08	-47.88	-40.00	7.88	144	106	Vertical
4	11526.7	41.96	-91.44	-49.48	-40.00	9.48	265	54	Vertical
5	13832.04	42.03	-90.05	-48.02	-40.00	8.02	255	221	Vertical
6	16137.38	41.67	-90.62	-48.95	-40.00	8.95	188	176	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.: SUZR/2022/1002202

Rev.: 01

Page: 48 of 51

Test Band = NSA DC_66A_n30 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	49.16	-108.03	-58.87	-40.00	18.87	263	352	Horizontal
2	6923.52	48.54	-101.68	-53.14	-40.00	13.14	241	28	Horizontal
3	9231.36	46.16	-95.08	-48.92	-40.00	8.92	175	197	Horizontal
4	11539.2	41.06	-91.51	-50.45	-40.00	10.45	265	179	Horizontal
5	13847.04	42.08	-89.92	-47.84	-40.00	7.84	241	240	Horizontal
6	16154.88	42.19	-90.46	-48.27	-40.00	8.27	175	294	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	54.41	-108.03	-53.62	-40.00	13.62	251	19	Vertical
2	6923.52	49.06	-101.68	-52.62	-40.00	12.62	174	3	Vertical
3	9231.36	46.86	-95.08	-48.22	-40.00	8.22	186	338	Vertical
4	11539.2	41.80	-91.51	-49.71	-40.00	9.71	263	3	Vertical
5	13847.04	41.06	-89.92	-48.86	-40.00	8.86	241	360	Vertical
6	16154.88	41.20	-90.46	-49.26	-40.00	9.26	144	195	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.: SUZR/2022/1002202

Rev.: 01

Page: 49 of 51

Test Band = NSA DC_66A_n30 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	49.44	-108.00	-58.56	-40.00	18.56	142	202	Horizontal
2	6931.02	49.08	-101.68	-52.60	-40.00	12.60	263	116	Horizontal
3	9241.32	47.32	-95.08	-47.76	-40.00	7.76	251	98	Horizontal
4	11551.7	42.34	-91.59	-49.25	-40.00	9.25	178	264	Horizontal
5	13862.04	43.41	-89.78	-46.37	-40.00	6.37	265	358	Horizontal
6	16172.38	41.60	-90.28	-48.68	-40.00	8.68	254	3	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.85	-108.00	-58.15	-40.00	18.15	263	264	Vertical
2	6931.02	48.45	-101.68	-53.23	-40.00	13.23	251	230	Vertical
3	9241.32	46.82	-95.08	-48.26	-40.00	8.26	178	359	Vertical
4	11551.7	42.57	-91.59	-49.02	-40.00	8.84	145	3	Vertical
5	13862.04	42.04	-89.78	-47.74	-40.00	7.74	265	281	Vertical
6	16172.38	43.34	-90.28	-46.94	-40.00	6.94	241	10	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.: SUZR/2022/1002202

Rev.: 01

Page: 50 of 51

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	15	10	DFT-PI2BPSK	M	Outer_Full	VH	NT	2.500000	0.001082	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	VN	NT	0.700000	0.000303	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	VL	NT	2.200000	0.000952	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VH	NT	-4.200000	-0.001818	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VN	NT	-3.000000	-0.001299	PASS
N30	15	10	CP-QPSK	M	Outer_Full	VL	NT	-8.800000	-0.003810	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.: SUZR/2022/1002202

Rev.: 01

Page: 51 of 51

Frequency Error VS. Temperature

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-30	3.000000	0.001299	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-20	1.300000	0.000563	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	-10	4.900000	0.002121	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	0	3.700000	0.001602	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	10	4.000000	0.001732	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	20	1.600000	0.000693	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	30	2.700000	0.001169	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	40	1.900000	0.000823	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	NV	50	2.000000	0.000866	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.001169	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-20	-3.200000	-0.001385	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	-10	-4.600000	-0.001991	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	0	-3.800000	-0.001645	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	10	-3.300000	-0.001429	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	20	-2.700000	-0.001169	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	30	-3.900000	-0.001688	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	40	-6.800000	-0.002944	PASS
N30	15	10	CP-QPSK	M	Outer_Full	NV	50	-5.700000	-0.002468	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)