

Report No.: SEWA2309000114RG02

Rev.: 01

Page: 1 of 50

# Appendix B.37

## NR Band n30



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
**Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

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号厂房南楼 邮编: 215000

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

### Effective (Isotropic) Radiated Power Output Data for SA

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
N30	30	5	DFT-QPSK	L	Inner_1RB_Left	22.16	19.16	23.98	PASS
N30	30	5	DFT-16QAM	L	Inner_1RB_Left	21.44	18.44	23.98	PASS
N30	30	5	DFT-QPSK	M	Inner_1RB_Left	22.32	19.32	23.98	PASS
N30	30	5	DFT-16QAM	M	Inner_1RB_Left	21.25	18.25	23.98	PASS
N30	30	5	DFT-QPSK	H	Inner_1RB_Left	22.29	19.29	23.98	PASS
N30	30	5	DFT-16QAM	H	Inner_1RB_Left	21.41	18.41	23.98	PASS
N30	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.24	19.24	23.98	PASS
N30	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.26	19.26	23.98	PASS
N30	30	10	DFT-PI2BPSK	L	Outer_Full	21.69	18.69	23.98	PASS
N30	30	10	DFT-QPSK	L	Inner_1RB_Left	22.24	19.24	23.98	PASS
N30	30	10	DFT-QPSK	L	Inner_1RB_Right	22.18	19.18	23.98	PASS
N30	30	10	DFT-QPSK	L	Outer_Full	21.18	18.18	23.98	PASS
N30	30	10	DFT-16QAM	L	Inner_1RB_Left	21.32	18.32	23.98	PASS
N30	30	10	DFT-16QAM	L	Inner_1RB_Right	21.26	18.26	23.98	PASS
N30	30	10	DFT-16QAM	L	Outer_Full	20.16	17.16	23.98	PASS
N30	30	10	DFT-64QAM	L	Inner_1RB_Left	19.98	16.98	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 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N30	30	10	DFT-64QAM	L	Inner_1RB_Rig ht	19.95	16.95	23.98	PAS S
N30	30	10	DFT-64QAM	L	Outer_Full	19.71	16.71	23.98	PAS S
N30	30	10	DFT- 256QAM	L	Inner_1RB_Left	17.17	14.17	23.98	PAS S
N30	30	10	DFT- 256QAM	L	Inner_1RB_Rig ht	17.18	14.18	23.98	PAS S
N30	30	10	DFT- 256QAM	L	Outer_Full	17.67	14.67	23.98	PAS S
N30	30	10	DFT- PI2BPSK	M	Inner_1RB_Left	22.31	19.31	23.98	PAS S
N30	30	10	DFT- PI2BPSK	M	Inner_1RB_Rig ht	22.31	19.31	23.98	PAS S
N30	30	10	DFT- PI2BPSK	M	Outer_Full	21.69	18.69	23.98	PAS S
N30	30	10	DFT-QPSK	M	Inner_1RB_Left	22.23	19.23	23.98	PAS S
N30	30	10	DFT-QPSK	M	Inner_1RB_Rig ht	22.19	19.19	23.98	PAS S
N30	30	10	DFT-QPSK	M	Outer_Full	21.15	18.15	23.98	PAS S
N30	30	10	DFT-16QAM	M	Inner_1RB_Left	21.26	18.26	23.98	PAS S
N30	30	10	DFT-16QAM	M	Inner_1RB_Rig ht	21.31	18.31	23.98	PAS S
N30	30	10	DFT-16QAM	M	Outer_Full	20.17	17.17	23.98	PAS S
N30	30	10	DFT-64QAM	M	Inner_1RB_Left	19.99	16.99	23.98	PAS S
N30	30	10	DFT-64QAM	M	Inner_1RB_Rig ht	19.99	16.99	23.98	PAS S
N30	30	10	DFT-64QAM	M	Outer_Full	19.76	16.76	23.98	PAS S
N30	30	10	DFT- 256QAM	M	Inner_1RB_Left	17.16	14.16	23.98	PAS S
N30	30	10	DFT- 256QAM	M	Inner_1RB_Rig ht	17.15	14.15	23.98	PAS S



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

N30	30	10	DFT-256QAM	M	Outer_Full	17.64	14.64	23.98	PAS S
N30	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.3	19.3	23.98	PAS S
N30	30	10	DFT-PI2BPSK	H	Inner_1RB_Rig ht	22.29	19.29	23.98	PAS S
N30	30	10	DFT-PI2BPSK	H	Outer_Full	21.69	18.69	23.98	PAS S
N30	30	10	DFT-QPSK	H	Inner_1RB_Left	22.19	19.19	23.98	PAS S
N30	30	10	DFT-QPSK	H	Inner_1RB_Rig ht	22.18	19.18	23.98	PAS S
N30	30	10	DFT-QPSK	H	Outer_Full	21.17	18.17	23.98	PAS S
N30	30	10	DFT-16QAM	H	Inner_1RB_Left	21.3	18.3	23.98	PAS S
N30	30	10	DFT-16QAM	H	Inner_1RB_Rig ht	21.28	18.28	23.98	PAS S
N30	30	10	DFT-16QAM	H	Outer_Full	20.19	17.19	23.98	PAS S
N30	30	10	DFT-64QAM	H	Inner_1RB_Left	19.95	16.95	23.98	PAS S
N30	30	10	DFT-64QAM	H	Inner_1RB_Rig ht	19.94	16.94	23.98	PAS S
N30	30	10	DFT-64QAM	H	Outer_Full	19.74	16.74	23.98	PAS S
N30	30	10	DFT-256QAM	H	Inner_1RB_Left	17.11	14.11	23.98	PAS S
N30	30	10	DFT-256QAM	H	Inner_1RB_Rig ht	17.2	14.2	23.98	PAS S
N30	30	10	DFT-256QAM	H	Outer_Full	17.68	14.68	23.98	PAS S



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

## Power Spectral Density

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/5MHz)	EIRP (dBm/5MHz)	Limit (dBm/5MHz)	Verdict
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.03	19.03	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	21.45	18.45	23.98	PASS
N30	15	5	DFT-PI2BPSK	L	Outer_Full	20.2	17.2	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	21.56	18.56	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	21.67	18.67	23.98	PASS
N30	15	5	DFT-PI2BPSK	M	Outer_Full	20.11	17.11	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	21.5	18.5	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	22.13	19.13	23.98	PASS
N30	15	5	DFT-PI2BPSK	H	Outer_Full	20.39	17.39	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	21.78	18.78	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	22.27	19.27	23.98	PASS
N30	15	10	DFT-PI2BPSK	L	Outer_Full	18.82	15.82	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	21.32	18.32	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	21.95	18.95	23.98	PASS
N30	15	10	DFT-PI2BPSK	M	Outer_Full	18.53	15.53	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	21.02	18.02	23.98	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
**Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

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号厂房南楼 邮编: 215000

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

Report No.: SEWA2309000114RG02

Rev.: 01

Page: 6 of 50

			PI2BPSK						
N30	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	21.79	18.79	23.98	PASS
N30	15	10	DFT-PI2BPSK	H	Outer_Full	18.45	15.45	23.98	PASS

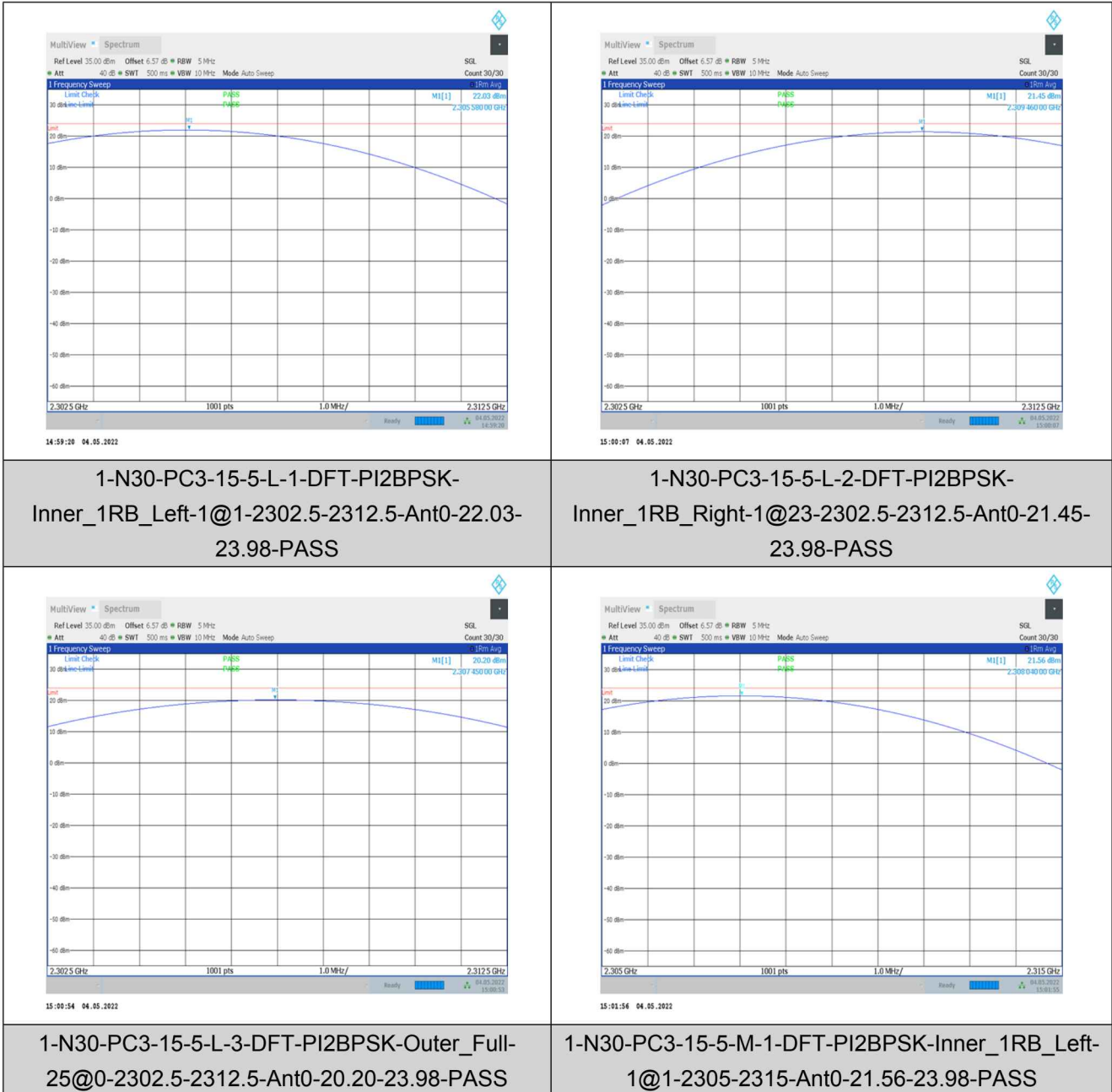


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

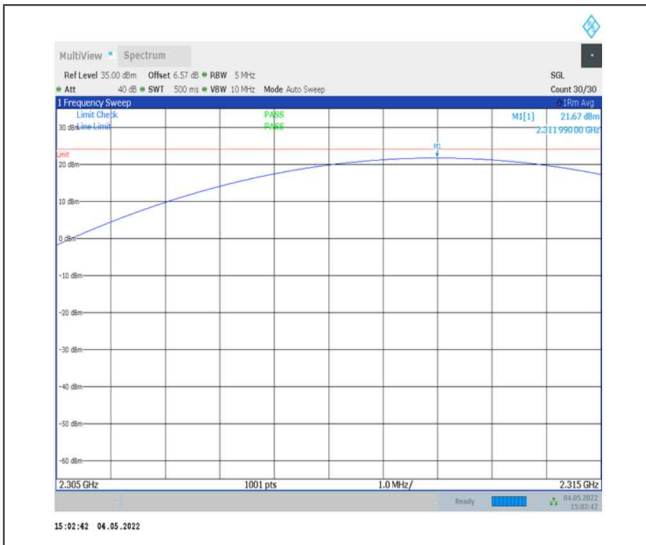
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

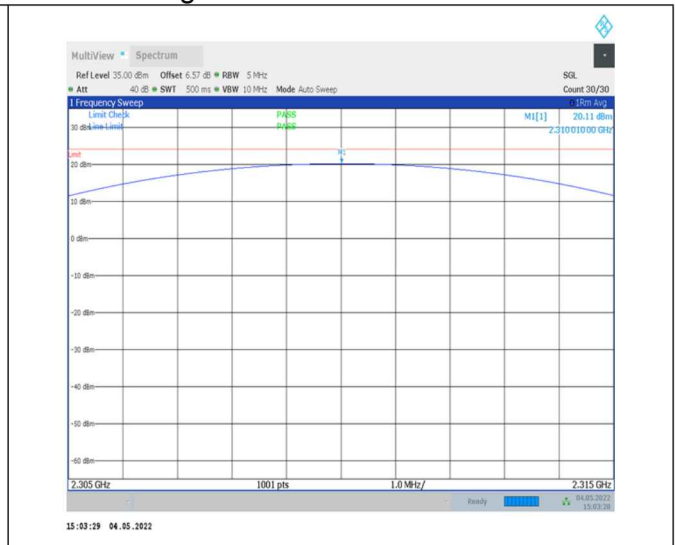
Test Graphs



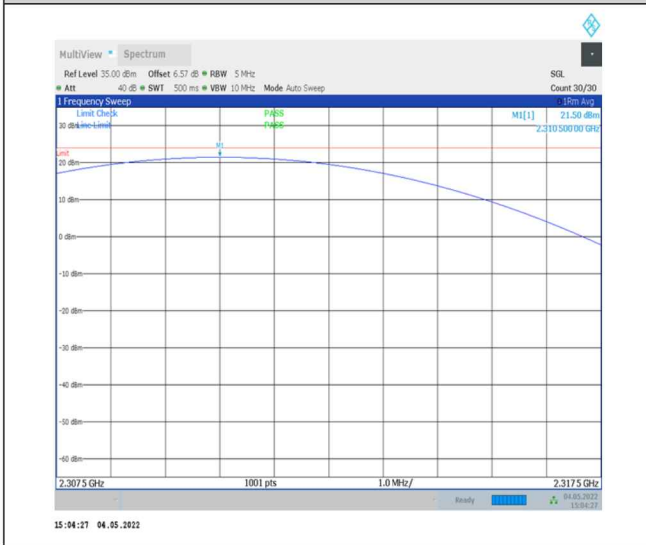
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



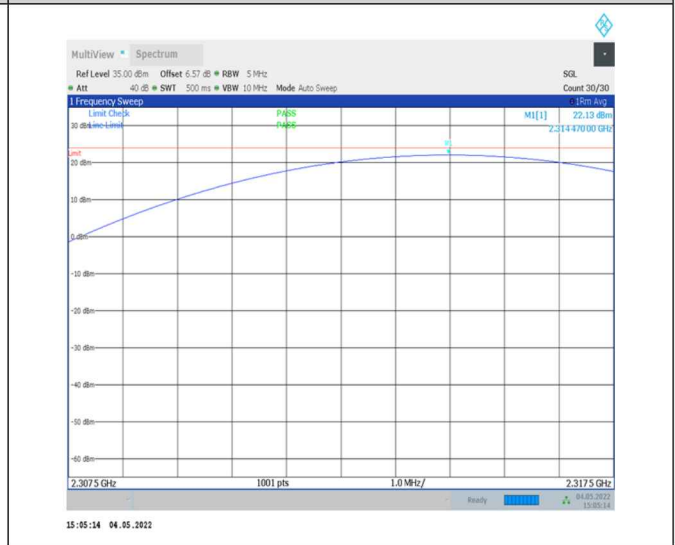
1-N30-PC3-15-5-M-2-DFT-PI2BPSK-  
Inner\_1RB\_Right-1@23-2305-2315-Ant0-21.67-  
23.98-PASS



1-N30-PC3-15-5-M-3-DFT-PI2BPSK-Outer\_Full-  
25@0-2305-2315-Ant0-20.11-23.98-PASS



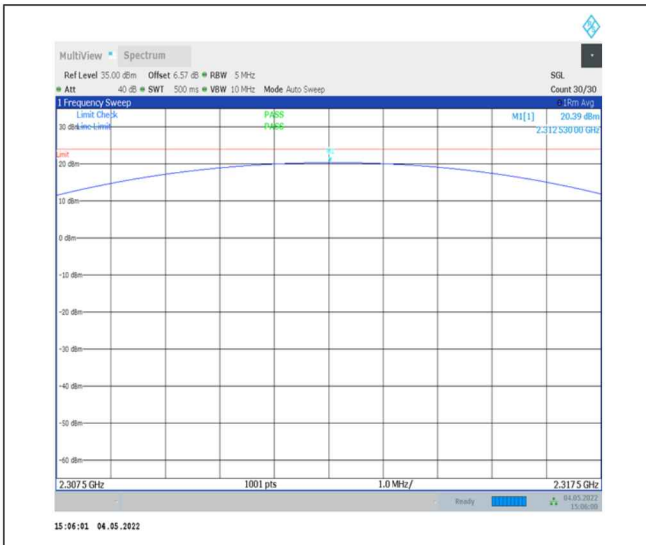
1-N30-PC3-15-5-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-2307.5-2317.5-Ant0-21.50-  
23.98-PASS



1-N30-PC3-15-5-H-2-DFT-PI2BPSK-  
Inner\_1RB\_Right-1@23-2307.5-2317.5-Ant0-22.13-  
23.98-PASS



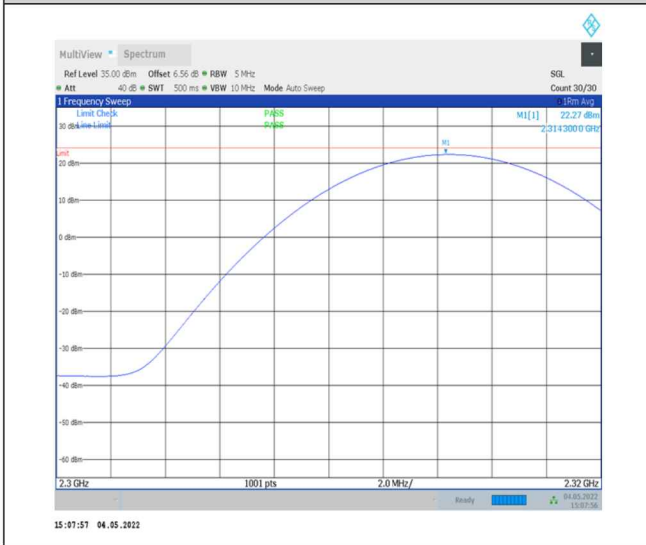




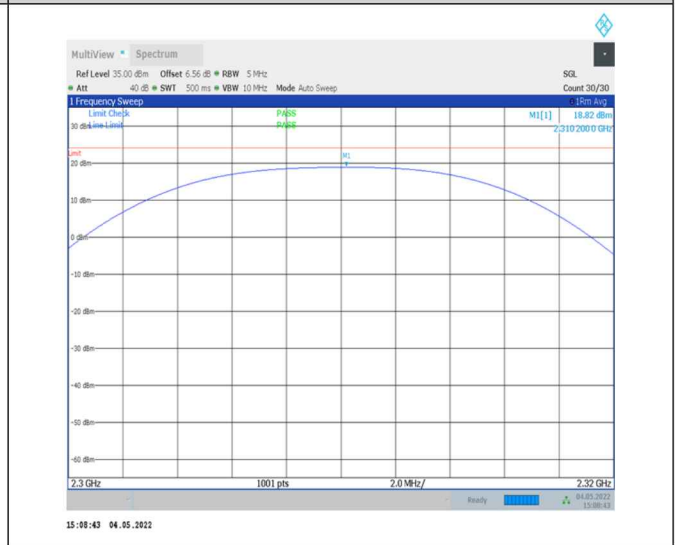
1-N30-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-2307.5-2317.5-Ant0-20.39-23.98-PASS



1-N30-PC3-15-10-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-2300-2320-Ant0-21.78-23.98-PASS



1-N30-PC3-15-10-L-2-DFT-PI2BPSK-Inner\_1RB\_Right-1@50-2300-2320-Ant0-22.27-23.98-PASS



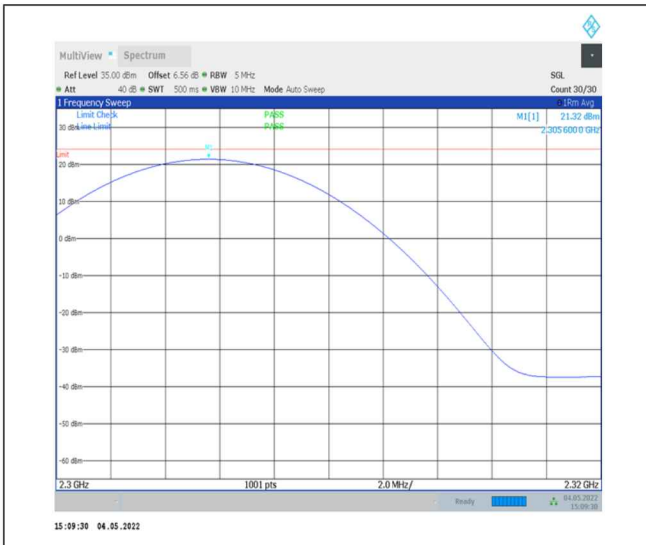
1-N30-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-2300-2320-Ant0-18.82-23.98-PASS



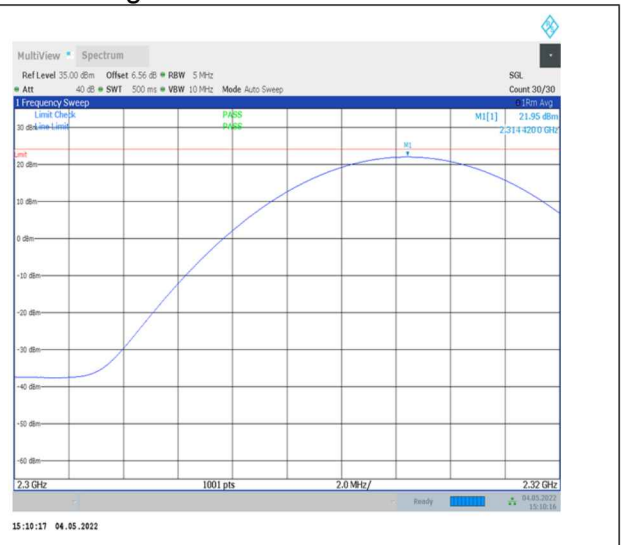
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

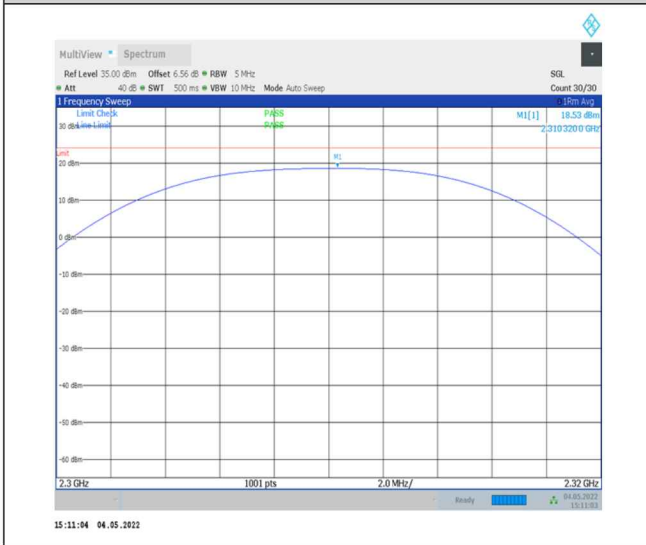
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N30-PC3-15-10-M-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-2300-2320-Ant0-21.32-23.98-  
PASS



1-N30-PC3-15-10-M-2-DFT-PI2BPSK-  
Inner\_1RB\_Right-1@50-2300-2320-Ant0-21.95-  
23.98-PASS



1-N30-PC3-15-10-M-3-DFT-PI2BPSK-Outer\_Full-  
50@0-2300-2320-Ant0-18.53-23.98-PASS



1-N30-PC3-15-10-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-2300-2320-Ant0-21.02-23.98-  
PASS

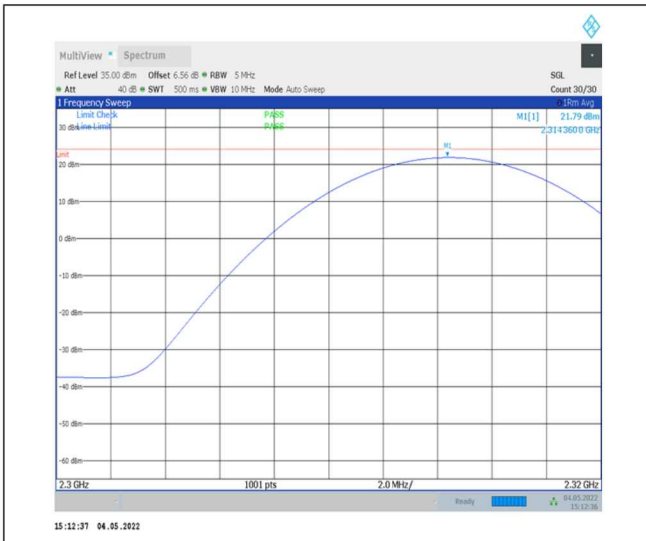


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

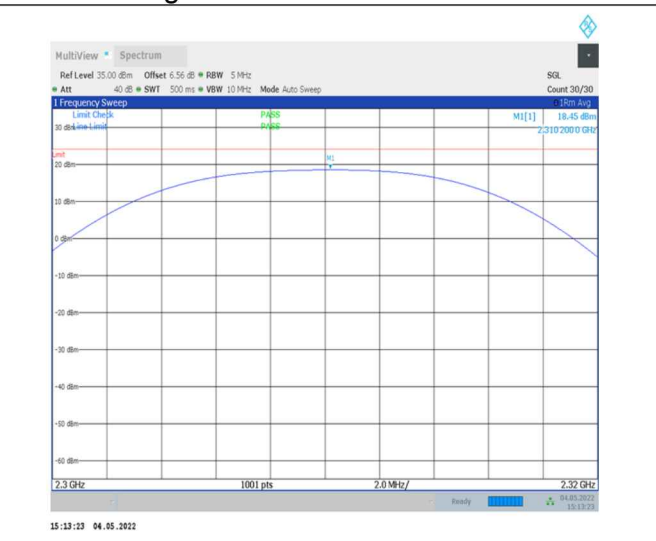
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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



1-N30-PC3-15-10-H-2-DFT-PI2BPSK-  
Inner\_1RB\_Right-1@50-2300-2320-Ant0-21.79-  
23.98-PASS



1-N30-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-  
50@0-2300-2320-Ant0-18.45-23.98-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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号厂房南楼 邮编: 215000

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

## Peak-to-Average Ratio for SA

### Test Result

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



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

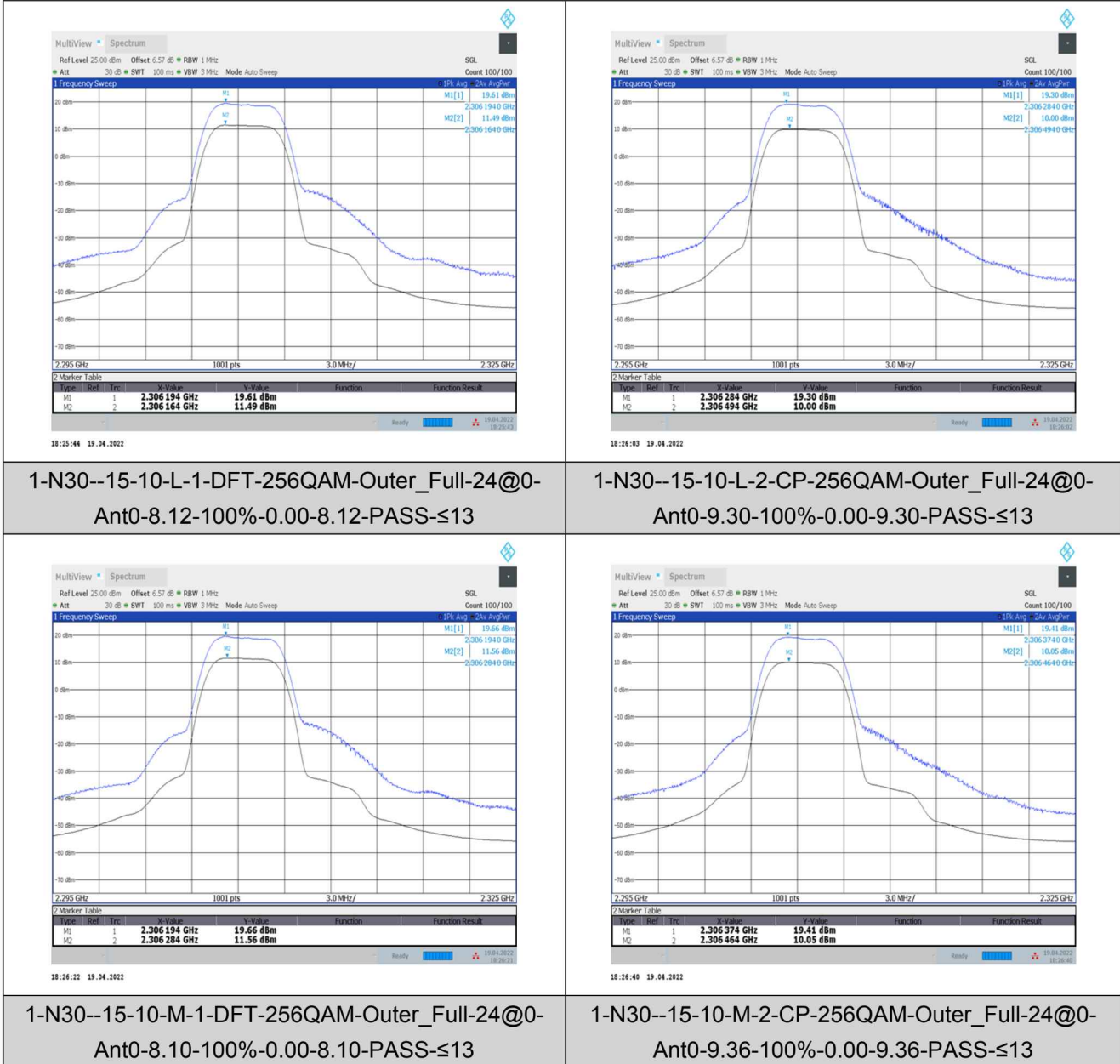
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

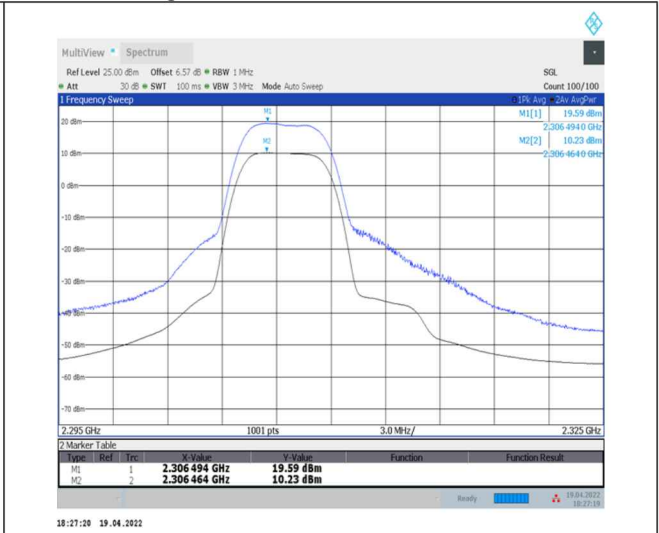
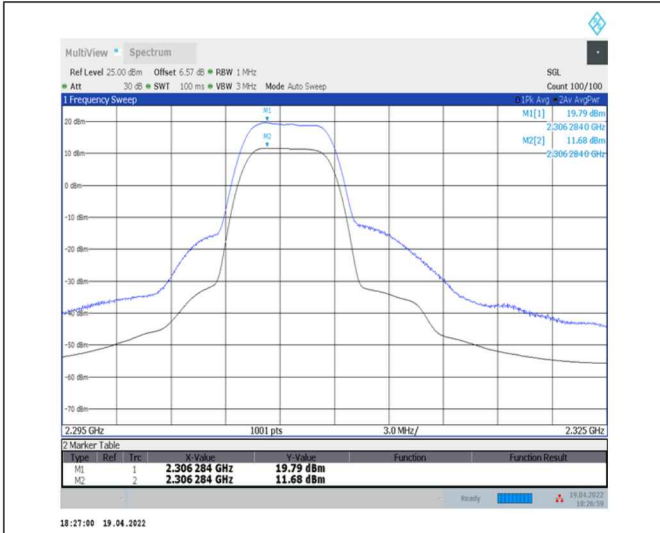
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

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 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N30--15-10-H-1-DFT-256QAM-Outer\_Full-24@0-Ant0-8.11-100%-0.00-8.11-PASS-≤13

1-N30--15-10-H-2-CP-256QAM-Outer\_Full-24@0-Ant0-9.36-100%-0.00-9.36-PASS-≤13



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

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

## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

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



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

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