

Report No.: SEWM2212000297RG02

Rev.: 01

Page: 1 of 68

# Appendix B.20

## NR Band n2



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	Power (dBm)	EIRP (dBm)	LIMIT	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.86	22.76	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.76	22.66	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.37	22.27	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.59	22.49	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.61	22.51	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	22.74	21.64	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.56	21.46	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.49	21.39	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	21.75	20.65	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	21.51	20.41	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.42	20.32	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.29	20.19	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	18.76	17.66	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	18.68	17.58	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.21	18.11	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.55	22.45	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.45	22.35	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.15	22.05	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.57	22.47	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.46	22.36	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	22.71	21.61	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.56	21.46	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.38	21.28	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	21.75	20.65	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.45	20.35	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.36	20.26	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.2	20.1	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	18.66	17.56	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	18.58	17.48	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.13	18.03	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.71	22.61	33	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) 83071443, or email: CN.Doccheck@sgs.com

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

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

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



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 3 of 68

N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.57	22.47	33	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	23.17	22.07	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	23.56	22.46	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Right	23.5	22.4	33	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	22.69	21.59	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	22.53	21.43	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Right	22.43	21.33	33	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	21.67	20.57	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Left	21.43	20.33	33	PASS
N2	15	5	DFT-64QAM	H	Inner_1RB_Right	21.29	20.19	33	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	21.2	20.1	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Left	18.65	17.55	33	PASS
N2	15	5	DFT-256QAM	H	Inner_1RB_Right	18.56	17.46	33	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	19.13	18.03	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.73	22.63	33	PASS
N2	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	22.61	33	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	23.26	22.16	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	23.61	22.51	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Right	23.56	22.46	33	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	22.72	21.62	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	22.55	21.45	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Right	22.56	21.46	33	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	21.76	20.66	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Left	21.52	20.42	33	PASS
N2	15	10	DFT-64QAM	L	Inner_1RB_Right	21.4	20.3	33	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	21.31	20.21	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Left	18.73	17.63	33	PASS
N2	15	10	DFT-256QAM	L	Inner_1RB_Right	18.65	17.55	33	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	19.17	18.07	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.77	22.67	33	PASS
N2	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.62	22.52	33	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	23.18	22.08	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	23.62	22.52	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Right	23.53	22.43	33	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	22.79	21.69	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	22.6	21.5	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Right	22.49	21.39	33	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	21.77	20.67	33	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) 83071443, 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6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 4 of 68

N2	15	10	DFT-64QAM	M	Inner_1RB_Left	21.41	20.31	33	PASS
N2	15	10	DFT-64QAM	M	Inner_1RB_Right	21.4	20.3	33	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	21.34	20.24	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Left	18.69	17.59	33	PASS
N2	15	10	DFT-256QAM	M	Inner_1RB_Right	18.58	17.48	33	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	19.16	18.06	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.69	22.59	33	PASS
N2	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.65	22.55	33	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	23.2	22.1	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	23.54	22.44	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Right	23.54	22.44	33	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	22.77	21.67	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	22.63	21.53	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Right	22.47	21.37	33	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	21.71	20.61	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Left	21.45	20.35	33	PASS
N2	15	10	DFT-64QAM	H	Inner_1RB_Right	21.35	20.25	33	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	21.34	20.24	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Left	18.57	17.47	33	PASS
N2	15	10	DFT-256QAM	H	Inner_1RB_Right	18.6	17.5	33	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	19.22	18.12	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.96	22.86	33	PASS
N2	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.89	22.79	33	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	23.48	22.38	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	23.81	22.71	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Right	23.79	22.69	33	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	22.95	21.85	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	22.94	21.84	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Right	22.76	21.66	33	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	22.03	20.93	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Left	21.71	20.61	33	PASS
N2	15	15	DFT-64QAM	L	Inner_1RB_Right	21.69	20.59	33	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	21.52	20.42	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Left	18.95	17.85	33	PASS
N2	15	15	DFT-256QAM	L	Inner_1RB_Right	18.85	17.75	33	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	19.47	18.37	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.88	22.78	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.9	22.8	33	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) 83071443, 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 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





Report No.: SEWM2212000297RG02

Rev.: 01

Page: 5 of 68

N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.5	22.4	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.7	22.6	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.72	22.62	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23	21.9	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.68	21.58	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	22.74	21.64	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.05	20.95	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.63	20.53	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.65	20.55	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.56	20.46	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	18.87	17.77	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	18.84	17.74	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.46	18.36	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.79	22.69	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.81	22.71	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.29	22.19	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.69	22.59	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.7	22.6	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	22.78	21.68	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.69	21.59	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.71	21.61	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	21.91	20.81	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.52	20.42	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.55	20.45	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.36	20.26	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	18.77	17.67	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	18.78	17.68	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.32	18.22	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.04	22.94	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.88	22.78	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.53	22.43	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.87	22.77	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.76	22.66	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.02	21.92	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.81	21.71	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	22.78	21.68	33	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	22.05	20.95	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	21.68	20.58	33	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 generate 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 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 6 of 68

N2	15	20	DFT-64QAM	L	Inner_1RB_Right	21.73	20.63	33	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	21.64	20.54	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Left	19.32	18.22	33	PASS
N2	15	20	DFT-256QAM	L	Inner_1RB_Right	19.25	18.15	33	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	19.55	18.45	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.87	22.77	33	PASS
N2	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.84	22.74	33	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	23.44	22.34	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Left	23.7	22.6	33	PASS
N2	15	20	DFT-QPSK	M	Inner_1RB_Right	23.72	22.62	33	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	22.98	21.88	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Left	22.7	21.6	33	PASS
N2	15	20	DFT-16QAM	M	Inner_1RB_Right	22.76	21.66	33	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	21.98	20.88	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Left	21.59	20.49	33	PASS
N2	15	20	DFT-64QAM	M	Inner_1RB_Right	21.63	20.53	33	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	21.57	20.47	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Left	18.9	17.8	33	PASS
N2	15	20	DFT-256QAM	M	Inner_1RB_Right	18.83	17.73	33	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	19.48	18.38	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.82	22.72	33	PASS
N2	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.76	22.66	33	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	23.28	22.18	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Left	23.68	22.58	33	PASS
N2	15	20	DFT-QPSK	H	Inner_1RB_Right	23.65	22.55	33	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	22.85	21.75	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Left	22.72	21.62	33	PASS
N2	15	20	DFT-16QAM	H	Inner_1RB_Right	22.66	21.56	33	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	21.81	20.71	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Left	21.57	20.47	33	PASS
N2	15	20	DFT-64QAM	H	Inner_1RB_Right	21.52	20.42	33	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	21.44	20.34	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Left	18.85	17.75	33	PASS
N2	15	20	DFT-256QAM	H	Inner_1RB_Right	18.74	17.64	33	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	19.29	18.19	33	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) 83071443, 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.: SEWM2212000297RG02

Rev.: 01

Page: 7 of 68

## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N2	15	20	DFT-256QAM	L	Outer_Full	100%	0.00	8.33	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.72	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.64	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.13	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.68	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.23	≤13	PASS



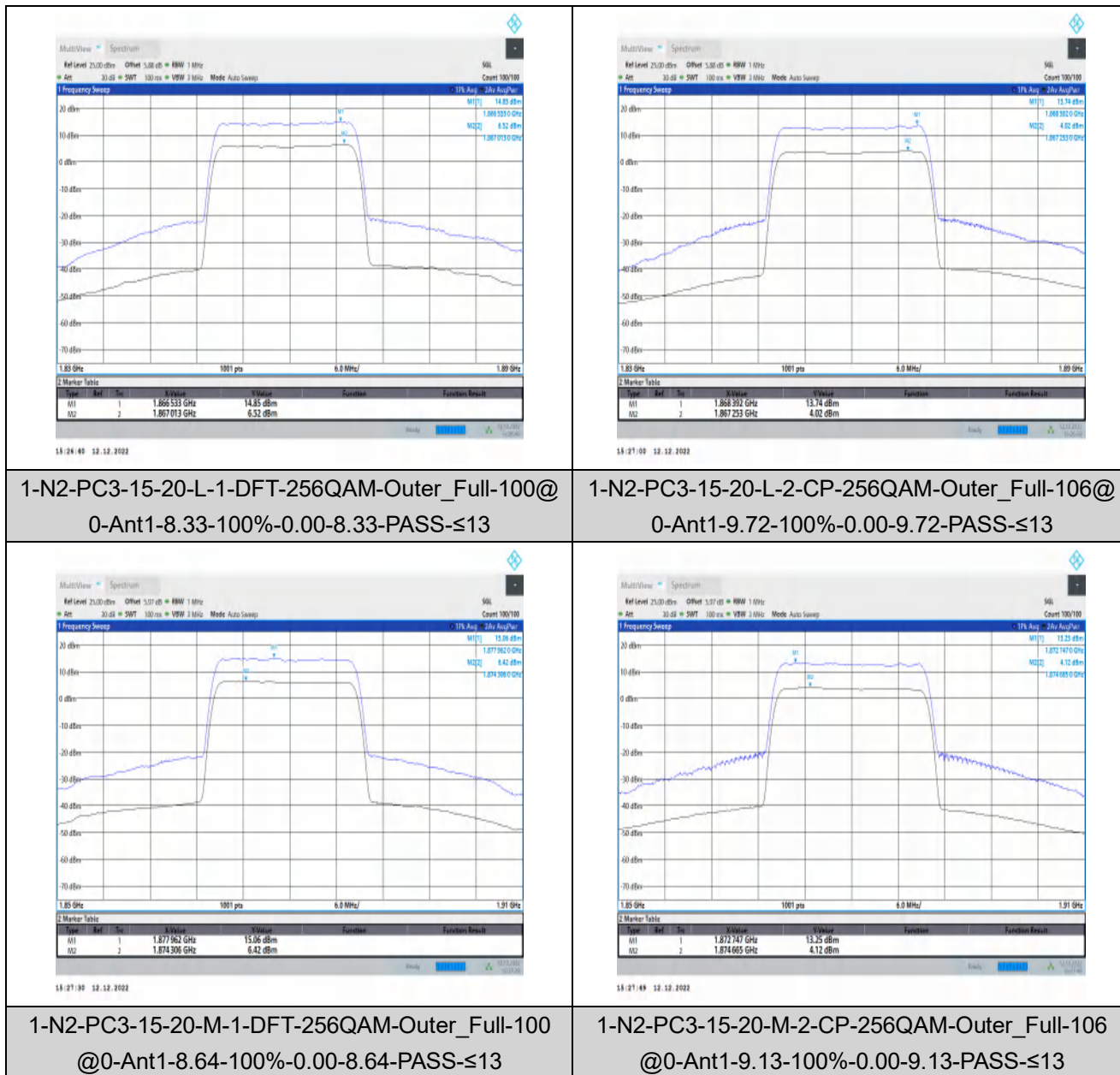
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, 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

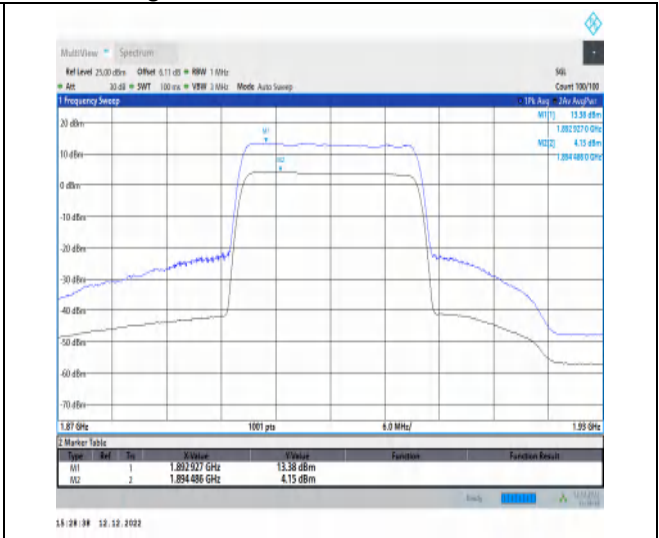
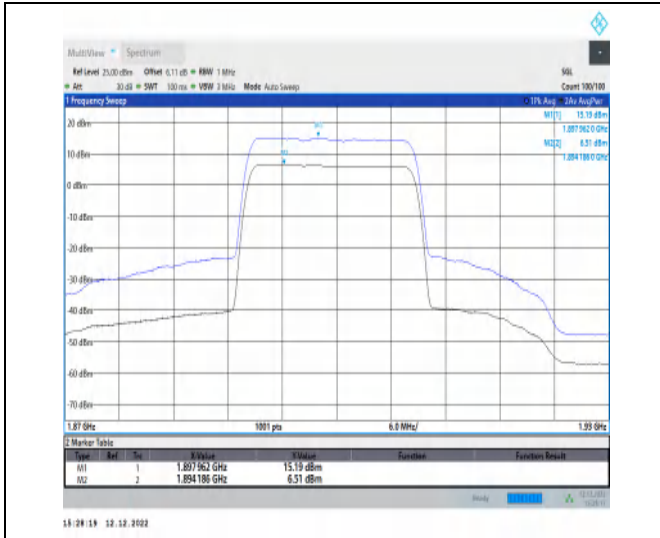


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 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) 83071443, 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号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N2-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100  
@0-Ant1-8.68-100%-0.00-8.68-PASS-≤13

1-N2-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106@  
0-Ant1-9.23-100%-0.00-9.23-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) 83071443, 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

## Modulation characteristics for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-QPSK	M	Outer_Full	see graph	PASS
N2	15	20	CP-16QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-64QAM	M	Outer_Full	see graph	PASS
N2	15	20	CP-256QAM	M	Outer_Full	see graph	PASS



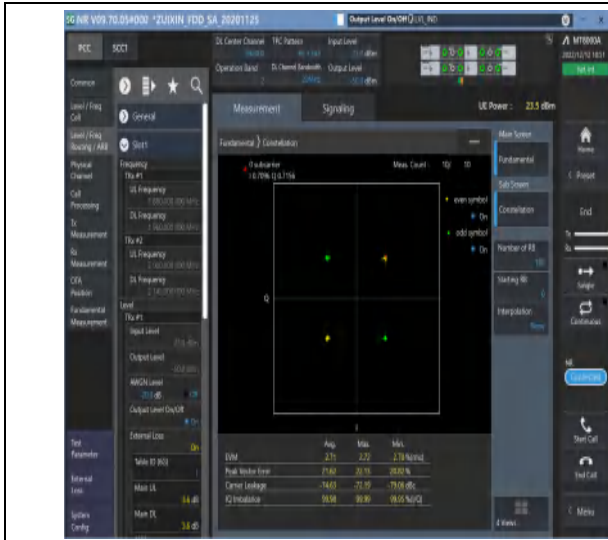
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

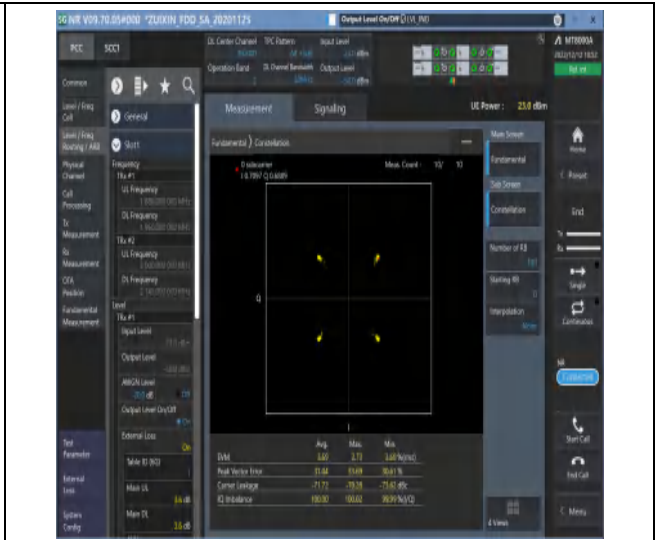
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

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

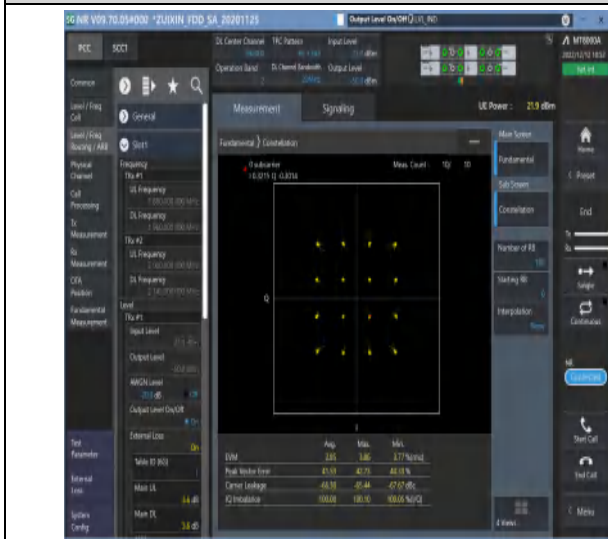
Test Graphs



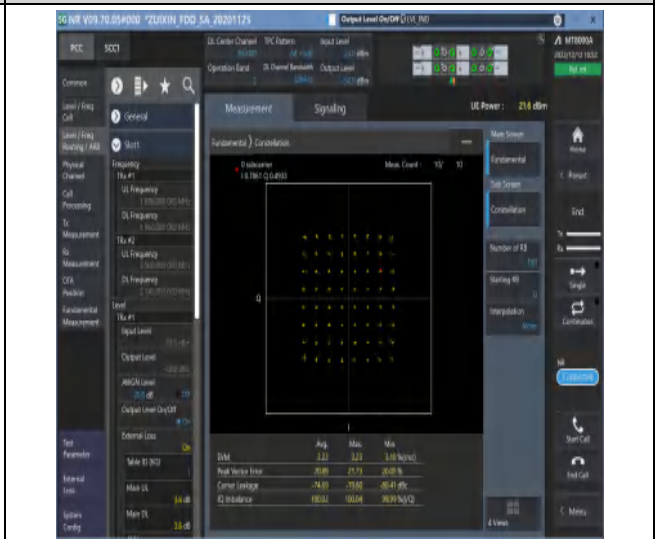
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Outer\_Full-100  
@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-2-DFT-QPSK-Outer\_Full-100@  
0-Ant1-see graph-PASS



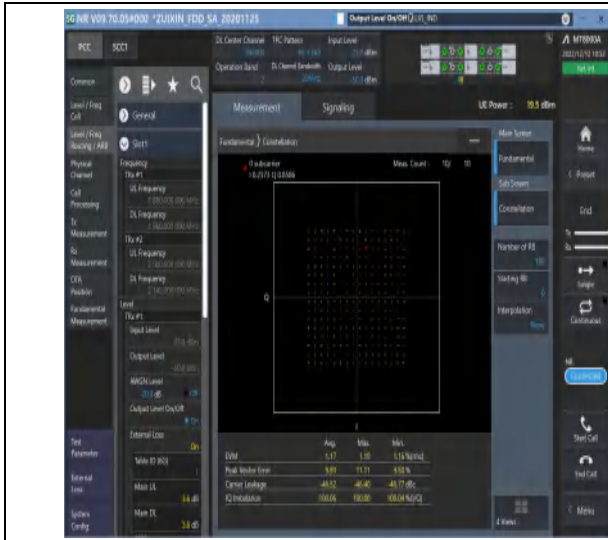
1-N2-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@  
0-Ant1-see graph-PASS



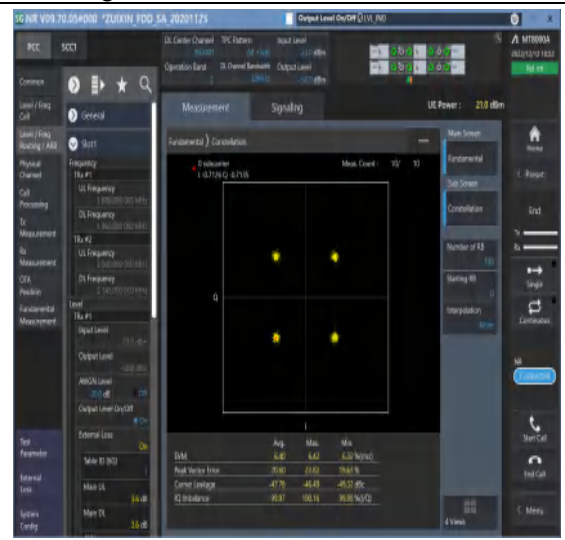
1-N2-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100  
@0-Ant1-see graph-PASS







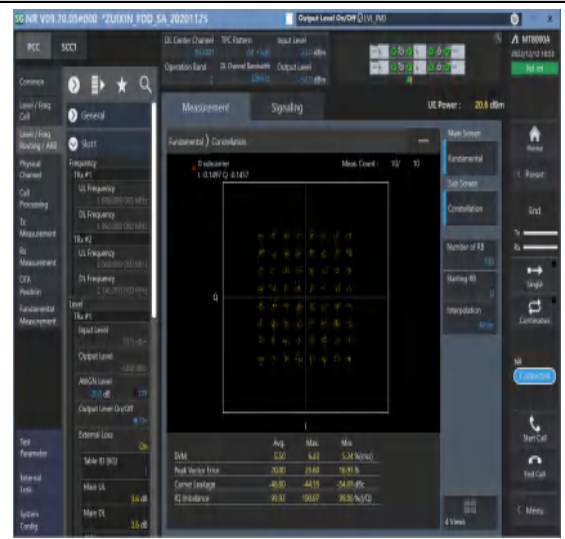
1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-see graph-PASS



1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-see graph-PASS



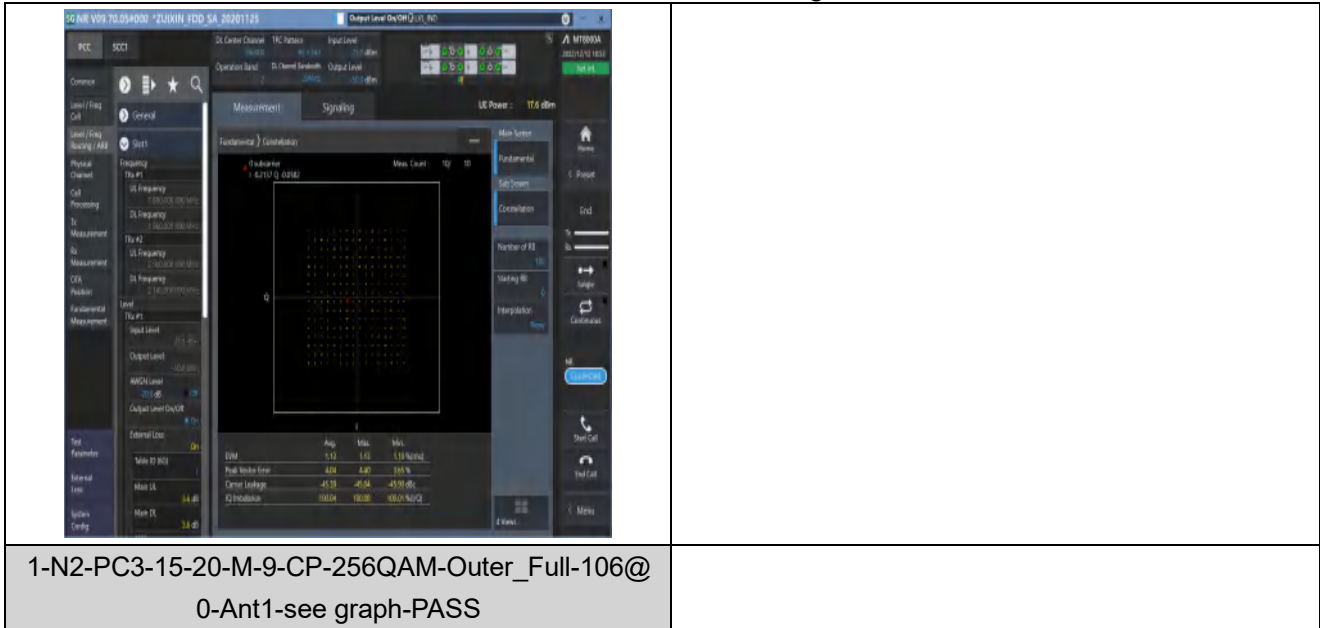
1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-see graph-PASS



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) 83071443, or email: CN.Doccheck@sgs.com





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) 83071443, 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6号厂房南都 邮编: 215000 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
N2	15	5	DFT-QPSK	L	Outer_Full	4.489	5.000	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.484	5.010	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.491	5.170	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.471	5.050	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.488	5.090	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.477	5.080	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.527	5.190	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.483	5.010	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.478	5.170	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.473	4.850	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.469	4.930	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.484	4.940	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.466	4.960	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.485	5.010	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.479	5.240	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.503	5.080	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.475	5.100	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.482	5.040	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.478	4.930	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.477	4.970	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.493	5.120	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.476	4.970	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.489	5.030	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.479	5.000	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.492	5.030	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.496	5.020	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.485	5.170	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.939	9.680	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.932	9.600	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.923	9.620	PASS
N2	15	10	DFT-64QAM	L	Outer_Full	8.954	9.780	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.916	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) 83071443, 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 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 15 of 68

N2	15	10	CP-QPSK	L	Outer_Full	9.327	10.160	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.31	10.200	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.304	10.120	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.31	9.920	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.932	9.600	PASS
N2	15	10	DFT-PI2BPSK	M	Outer_Full	8.953	9.560	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.929	9.700	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.948	9.740	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.934	9.560	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.297	10.040	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.291	10.120	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.326	10.080	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.318	10.040	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.944	9.680	PASS
N2	15	10	DFT-PI2BPSK	H	Outer_Full	8.914	9.520	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.964	9.720	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.959	9.800	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.925	9.500	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.293	10.020	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.315	10.240	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.308	10.000	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.308	10.100	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.453	14.160	PASS
N2	15	15	DFT-PI2BPSK	L	Outer_Full	13.442	14.340	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.449	14.250	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.438	14.130	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.467	14.430	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.127	15.000	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.172	15.150	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.125	15.330	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.139	15.060	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.441	14.310	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	13.437	14.310	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.44	14.400	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.448	14.400	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	13.447	14.190	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.128	14.970	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.154	15.150	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.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) 83071443, 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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 16 of 68

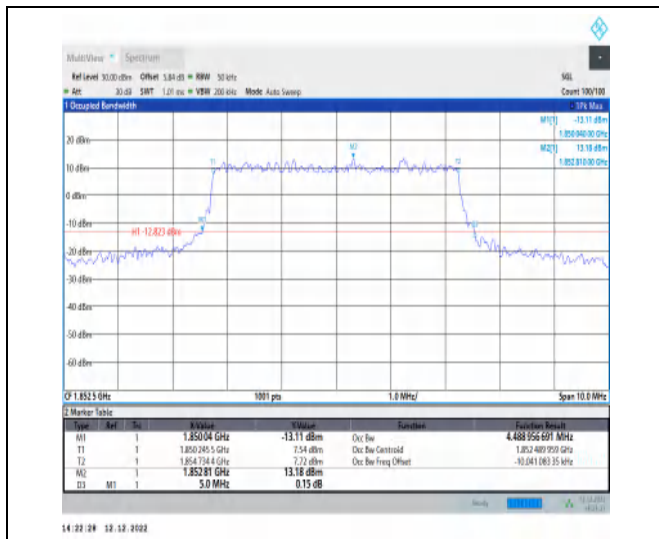
N2	15	15	CP-64QAM	M	Outer_Full	14.16	14.970	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.11	15.030	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.435	14.400	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.421	14.430	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.453	14.400	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.438	14.250	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.48	14.400	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.124	15.060	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.173	15.150	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.14	15.120	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.082	15.060	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.908	18.800	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.903	18.880	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.903	18.840	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.881	18.840	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.892	18.800	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.923	20.000	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.951	19.880	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.994	20.040	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.986	19.960	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.884	18.800	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.908	19.000	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.882	18.720	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.895	18.800	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.88	18.760	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.972	19.960	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.977	19.960	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.901	19.880	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.981	19.960	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.89	18.720	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.854	18.840	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.878	18.720	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.929	18.920	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.87	18.680	PASS
N2	15	20	CP-QPSK	H	Outer_Full	18.919	20.040	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.945	19.760	PASS
N2	15	20	CP-64QAM	H	Outer_Full	18.937	19.840	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.919	20.000	PASS



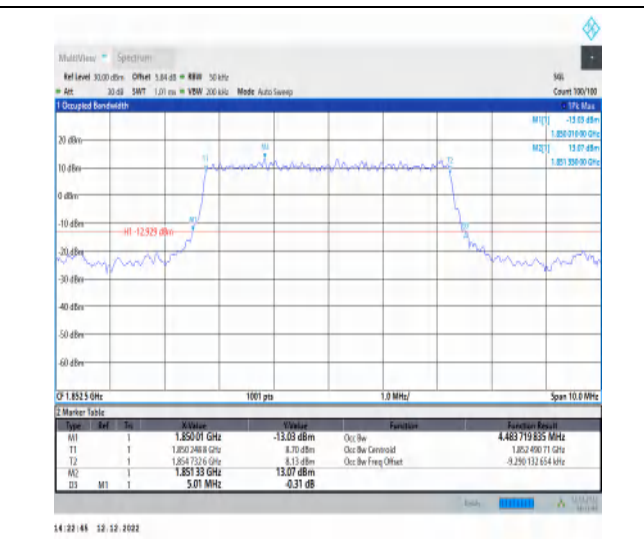
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



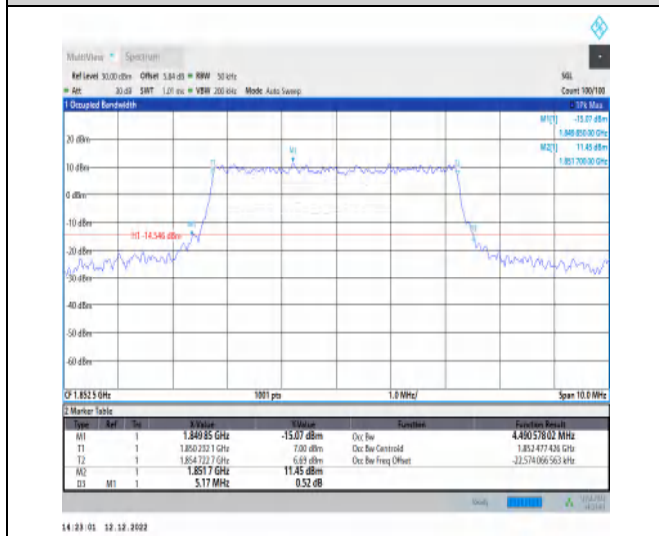
Test Graphs



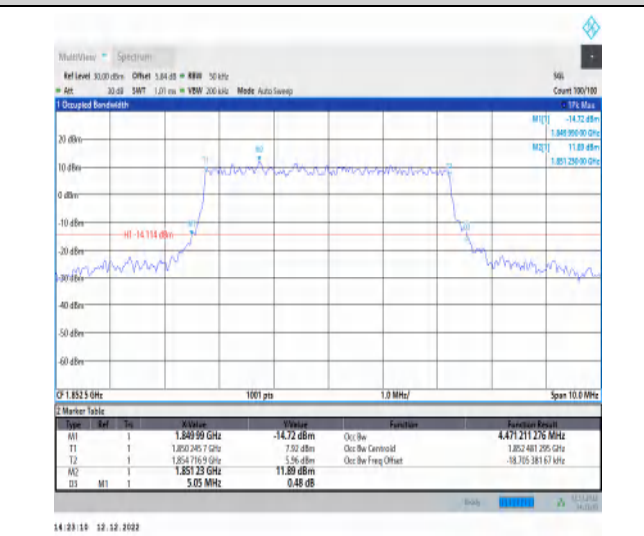
1-N2-PC3-15-5-L-1-DFT-QPSK-Outer\_Full-25@0-An  
 t1-4.489-5.000-≤5-PASS



1-N2-PC3-15-5-L-2-DFT-PI2BPSK-Outer\_Full-25@0  
 -Ant1-4.484-5.010-≤5-PASS

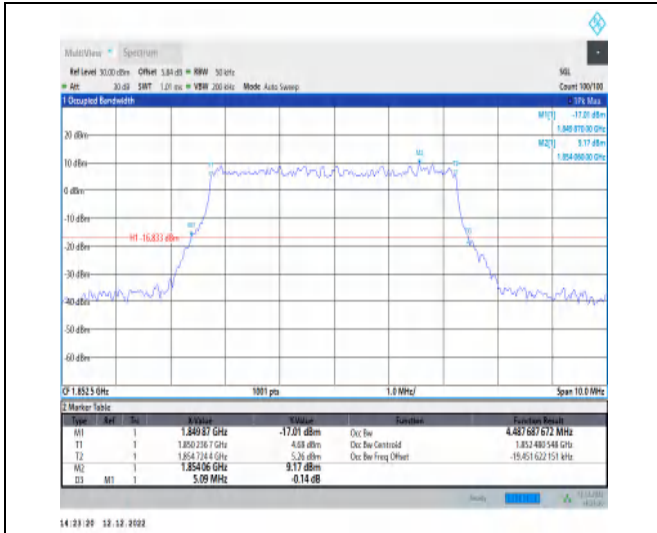


1-N2-PC3-15-5-L-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.491-5.170-≤5-PASS

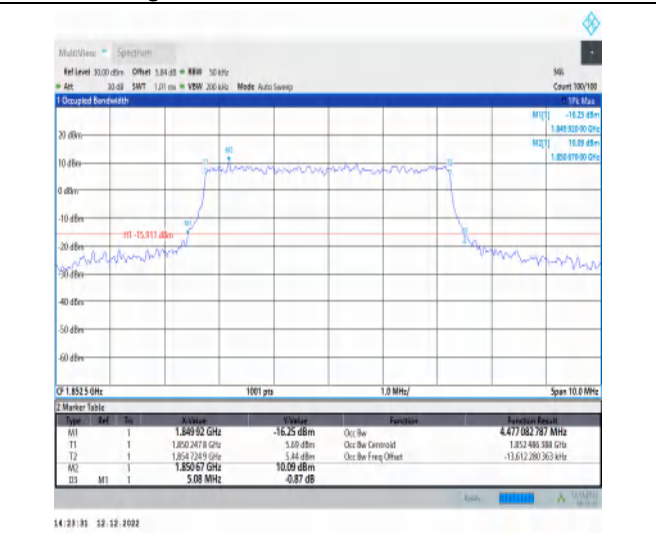


1-N2-PC3-15-5-L-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.471-5.050-≤5-PASS

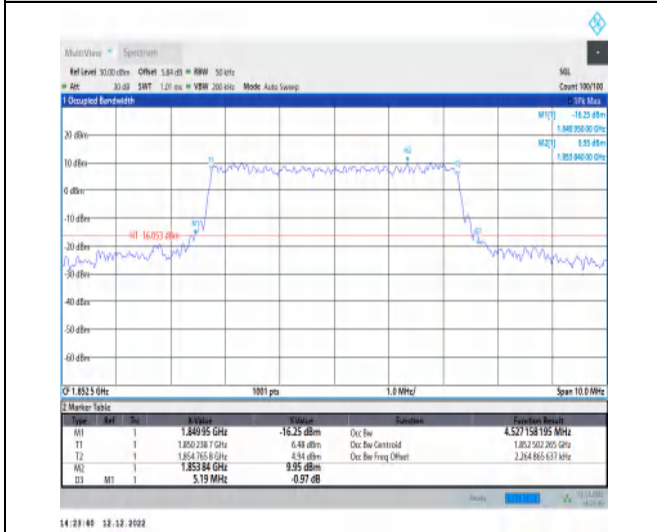




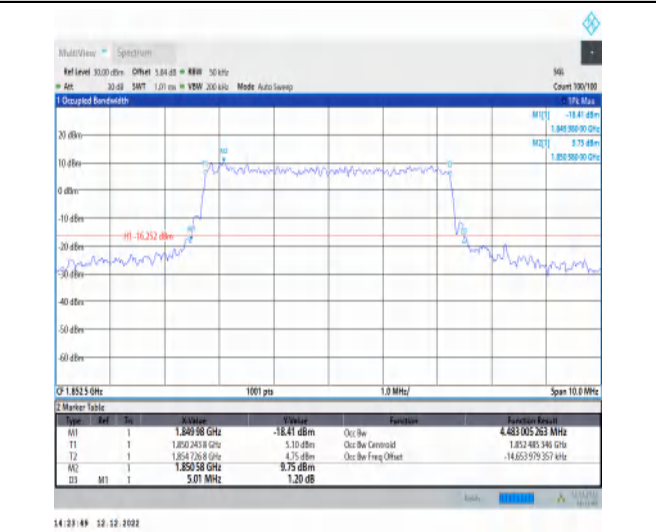
1-N2-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.488-5.090-≤5-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.477-5.080-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.527-5.190-≤5-PASS

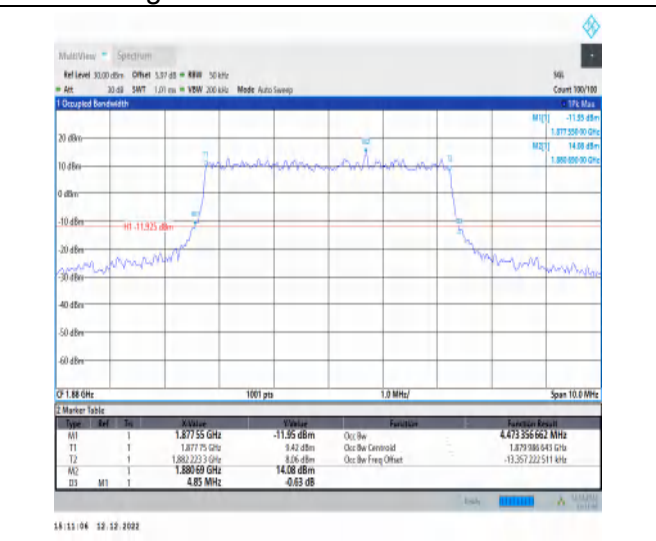


1-N2-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.483-5.010-≤5-PASS





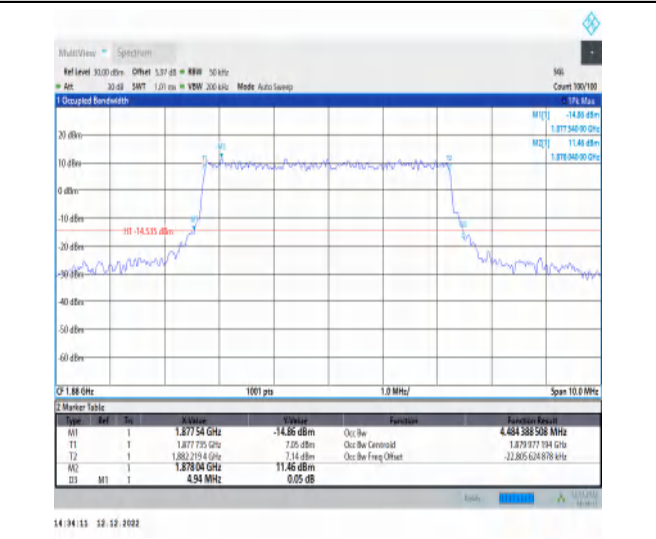
1-N2-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.478-5.170-≤5-PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.473-4.850-≤5-PASS



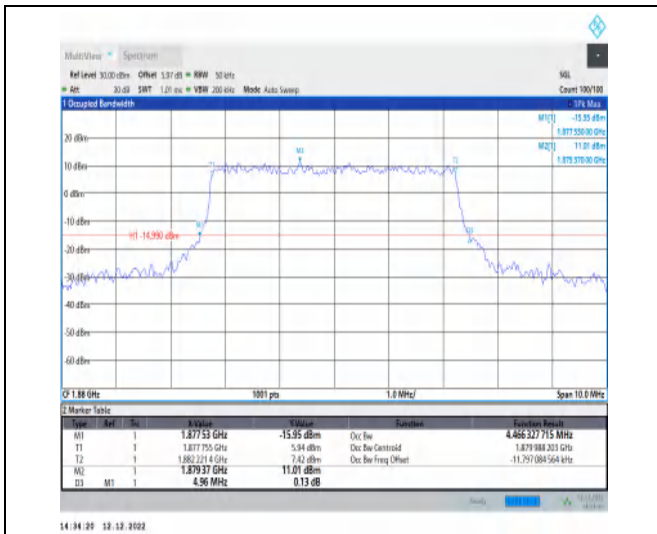
1-N2-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.469-4.930-≤5-PASS



1-N2-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.484-4.940-≤5-PASS



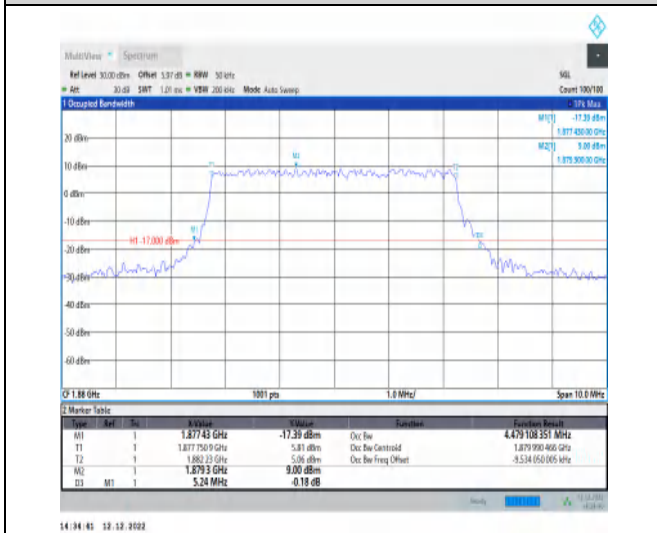




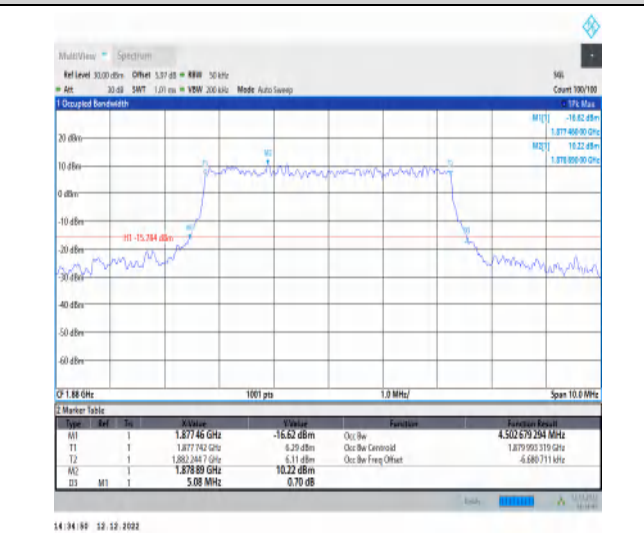
1-N2-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.466-4.960-≤5-PASS



1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.485-5.010-≤5-PASS



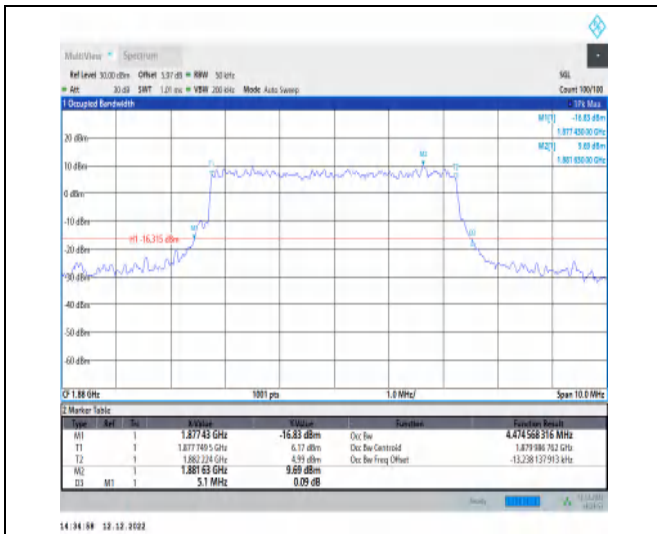
1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.479-5.240-≤5-PASS



1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.503-5.080-≤5-PASS



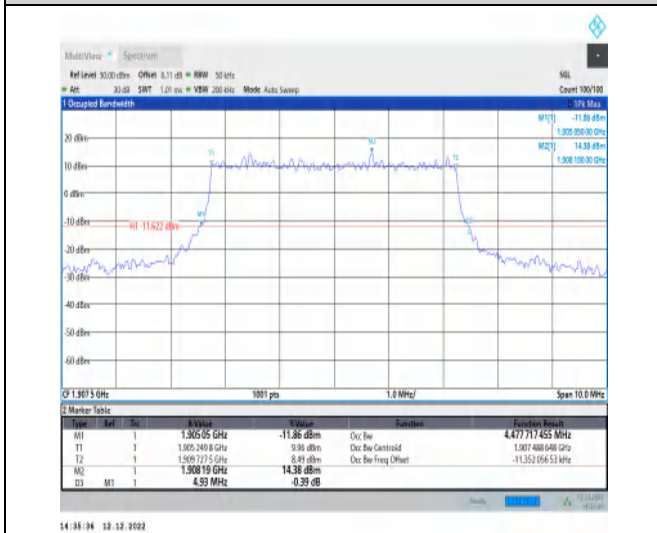




1-N2-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-A  
 nt1-4.475-5.100-≤5-PASS



1-N2-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-  
 Ant1-4.482-5.040-≤5-PASS

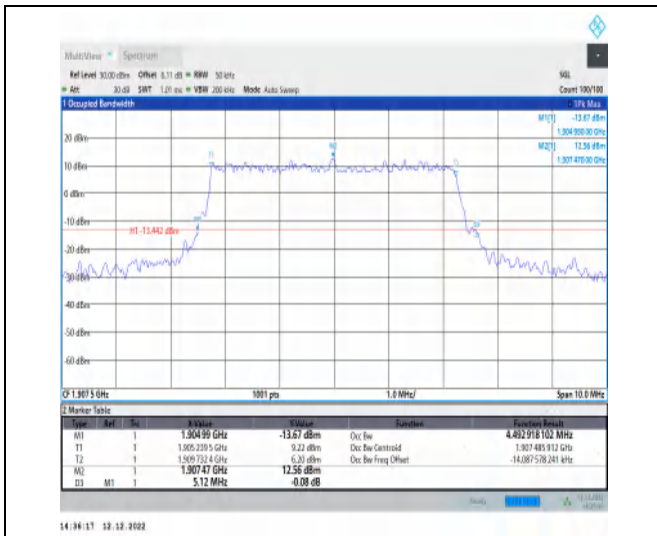


1-N2-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-A  
 nt1-4.478-4.930-≤5-PASS

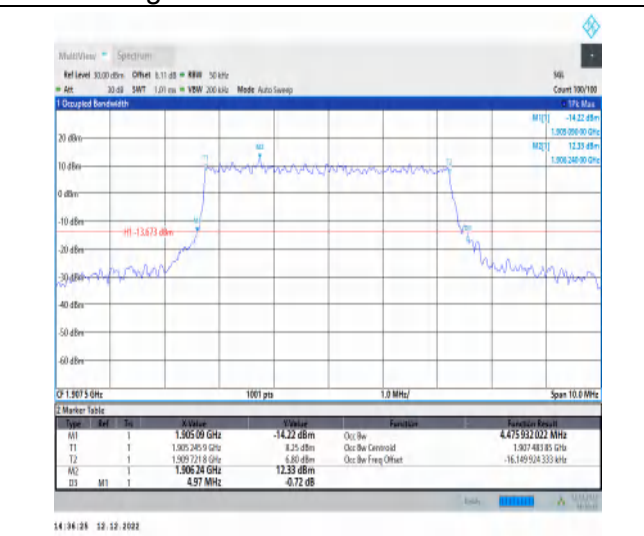


1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-  
 -Ant1-4.477-4.970-≤5-PASS

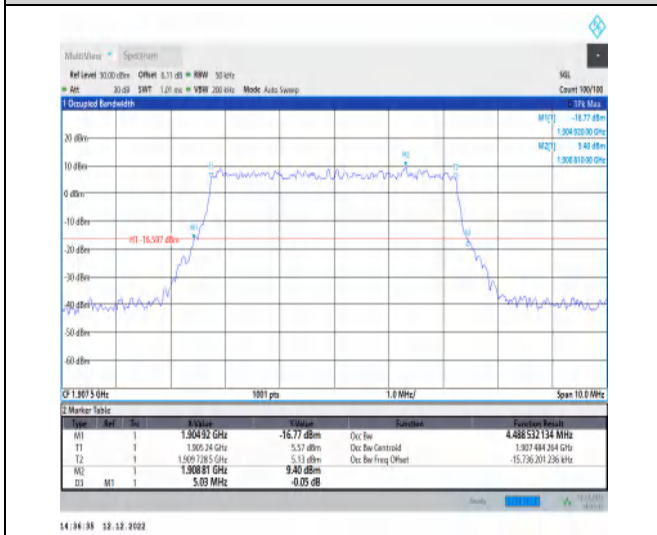




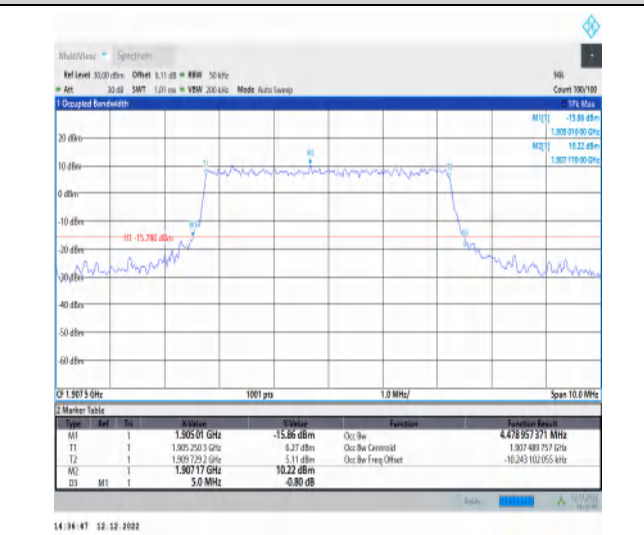
1-N2-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.493-5.120-≤5-PASS



1-N2-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.476-4.970-≤5-PASS

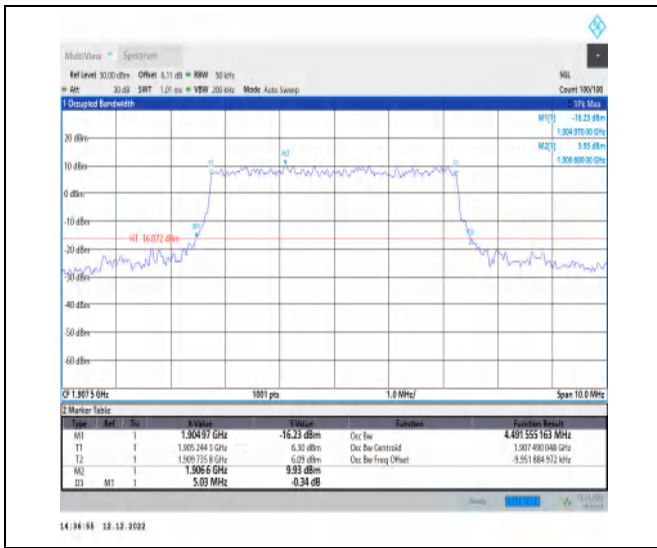


1-N2-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.489-5.030-≤5-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.479-5.000-≤5-PASS

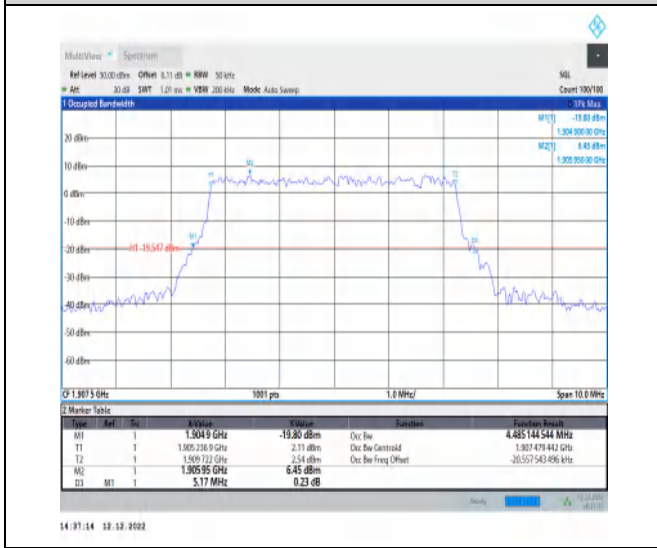




1-N2-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-A  
 nt1-4.492-5.030-≤5-PASS



1-N2-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-A  
 nt1-4.496-5.020-≤5-PASS



1-N2-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-A  
 Ant1-4.485-5.170-≤5-PASS



1-N2-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-A  
 nt1-8.939-9.680-≤10-PASS

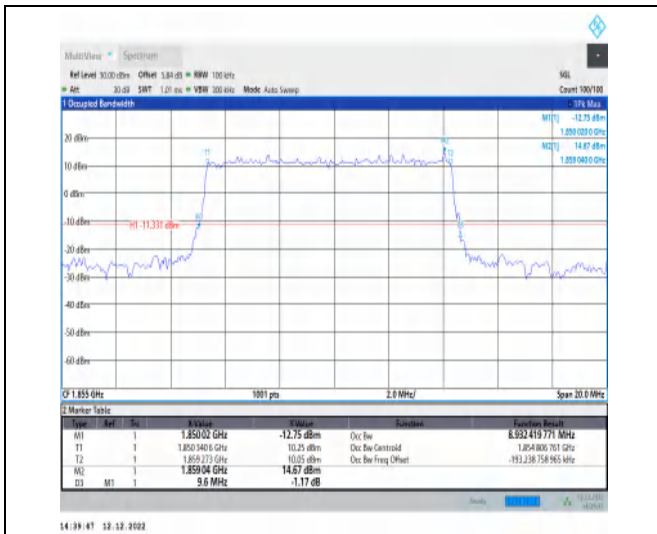


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

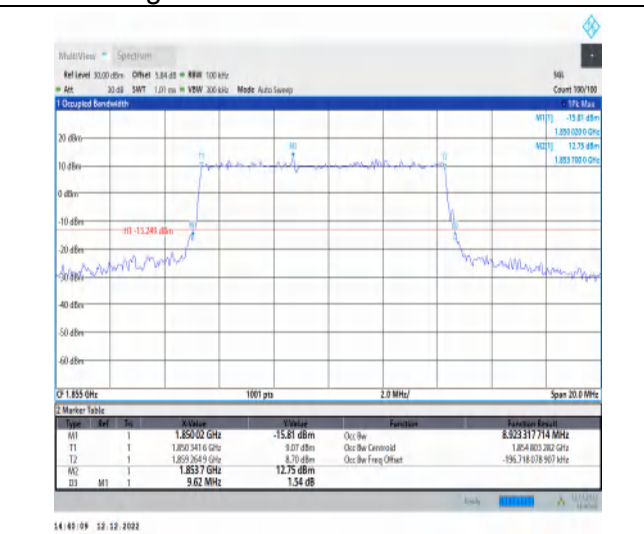
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

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

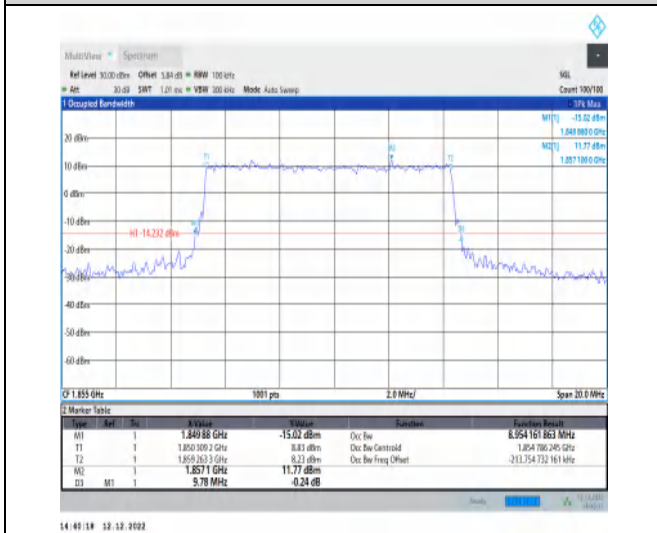




1-N2-PC3-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.932-9.600-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.923-9.620-≤10-PASS



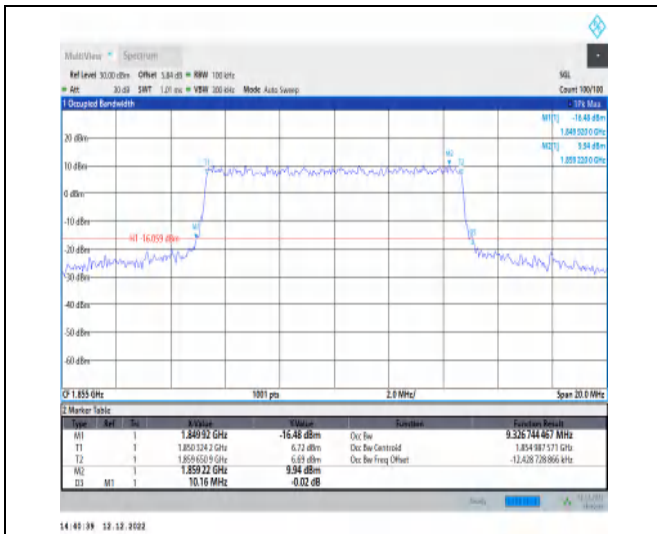
1-N2-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.954-9.780-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.916-9.700-≤10-PASS



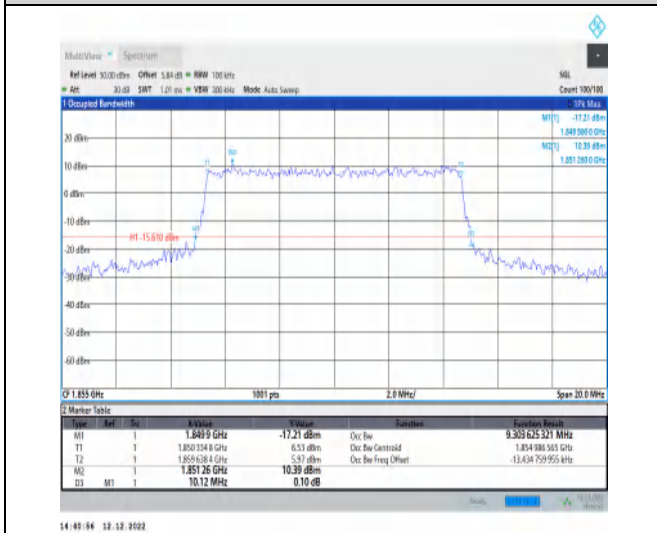




1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
 nt1-9.327-10.160-≤10-PASS



1-N2-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-A  
 nt1-9.31-10.200-≤10-PASS

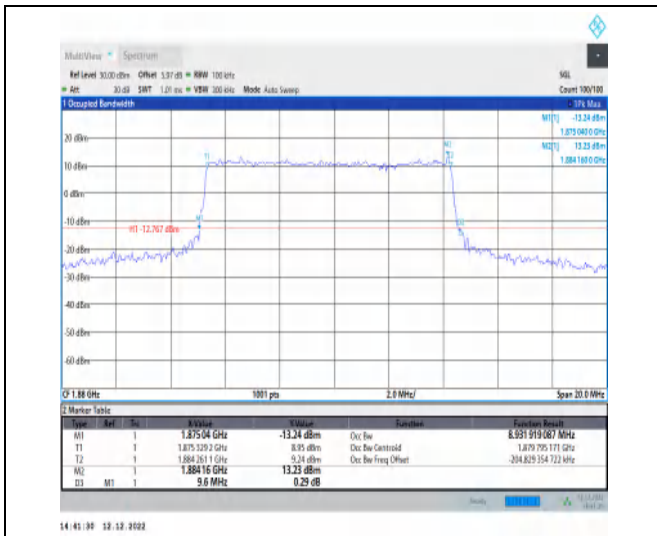


1-N2-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-A  
 Ant1-9.304-10.120-≤10-PASS

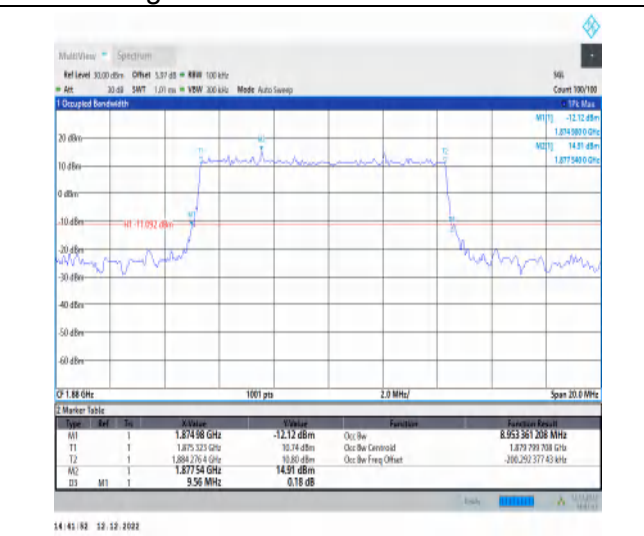


1-N2-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-A  
 Ant1-9.31-9.920-≤10-PASS

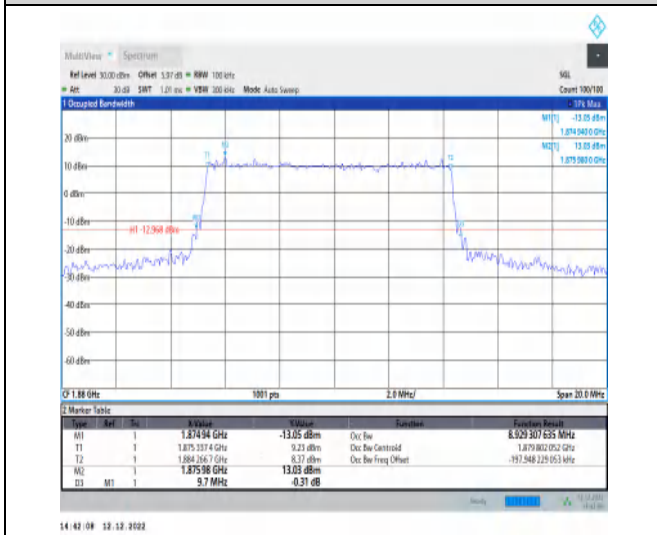




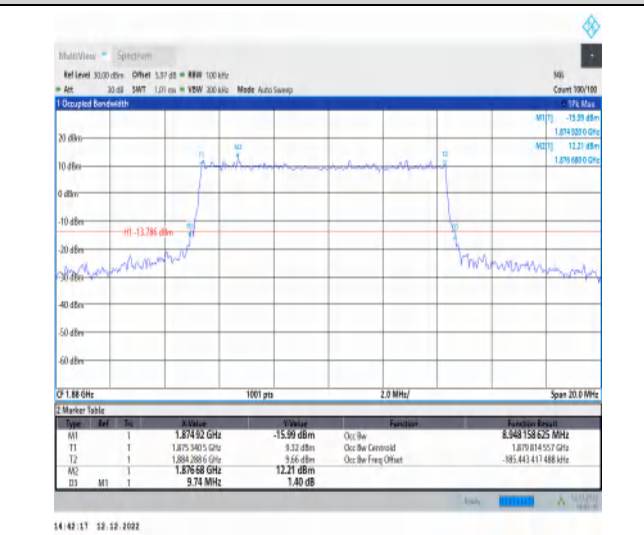
1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.932-9.600-≤10-PASS



1-N2-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.953-9.560-≤10-PASS



1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.929-9.700-≤10-PASS

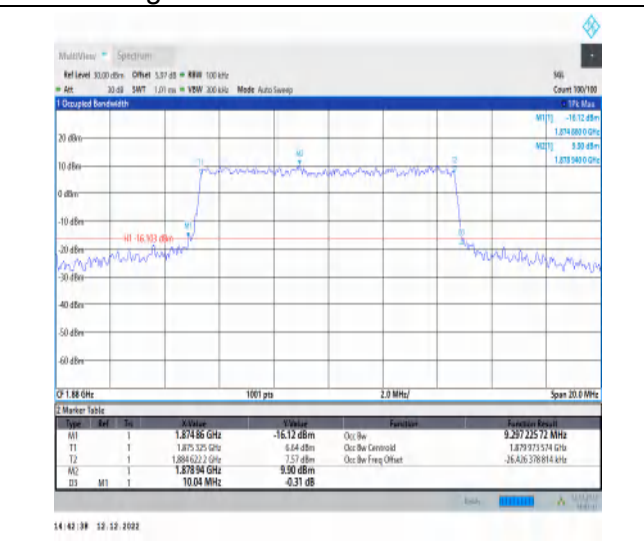


1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.948-9.740-≤10-PASS





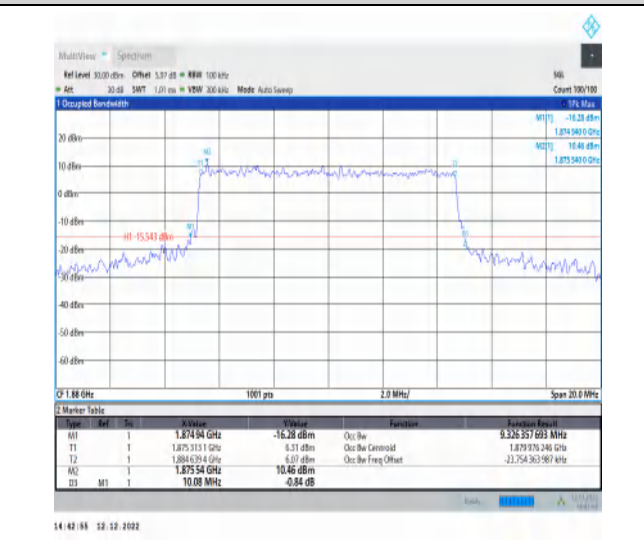
1-N2-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.934-9.560-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.297-10.040-≤10-PASS



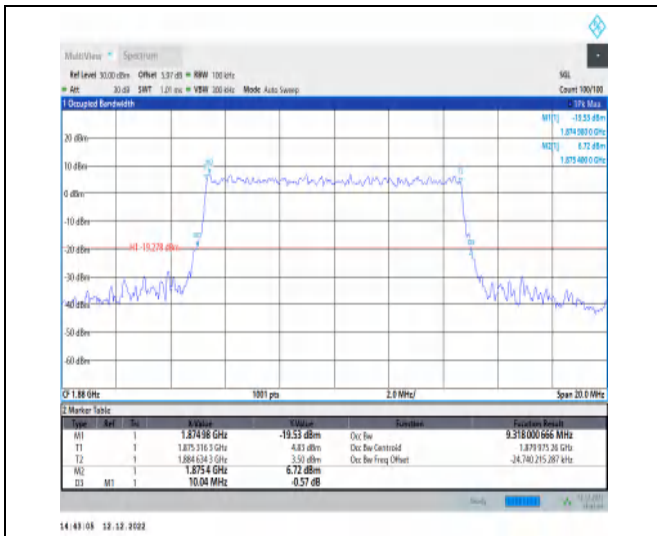
1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.291-10.120-≤10-PASS



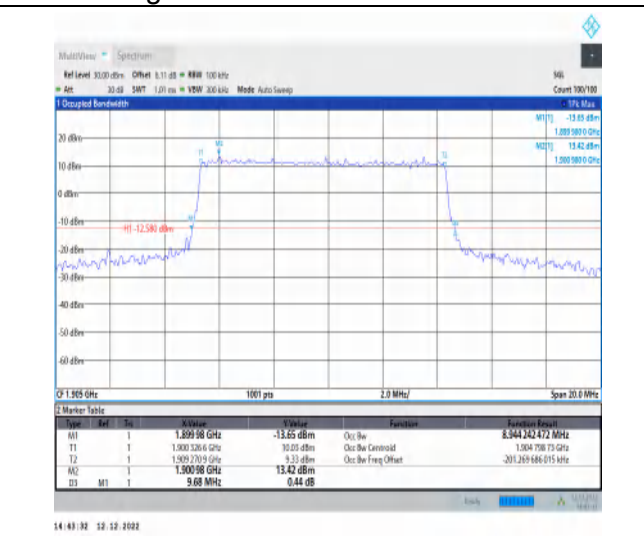
1-N2-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.326-10.080-≤10-PASS



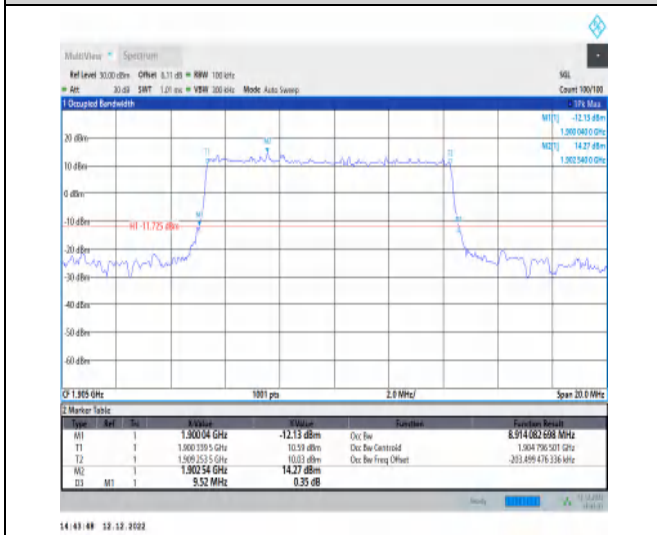




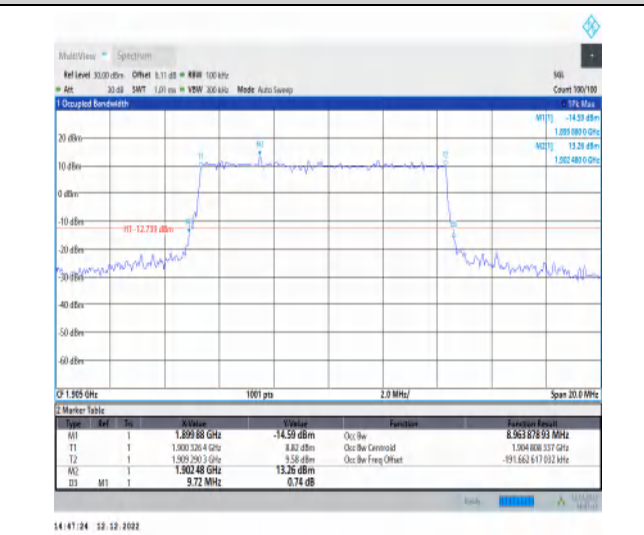
1-N2-PC3-15-10-M-9-CP-256QAM-Outer\_Full-52@0  
 -Ant1-9.318-10.040-≤10-PASS



1-N2-PC3-15-10-H-1-DFT-QPSK-Outer\_Full-50@0-  
 Ant1-8.944-9.680-≤10-PASS



1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Outer\_Full-50@0-  
 Ant1-8.914-9.520-≤10-PASS



1-N2-PC3-15-10-H-3-DFT-16QAM-Outer\_Full-50@0-  
 Ant1-8.964-9.720-≤10-PASS

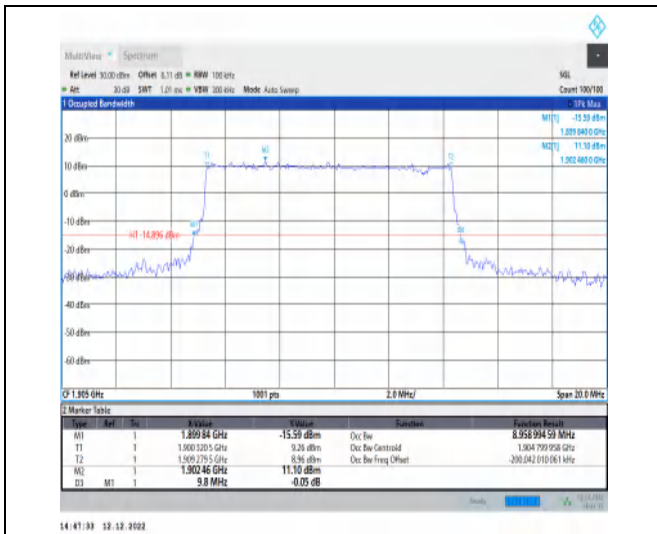


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

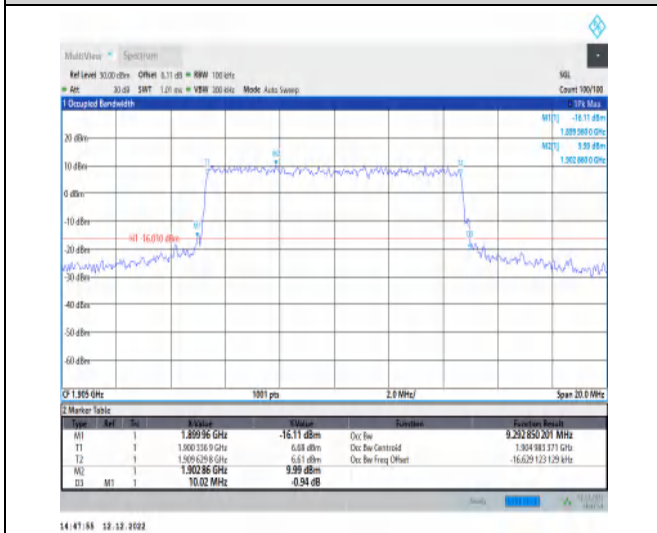




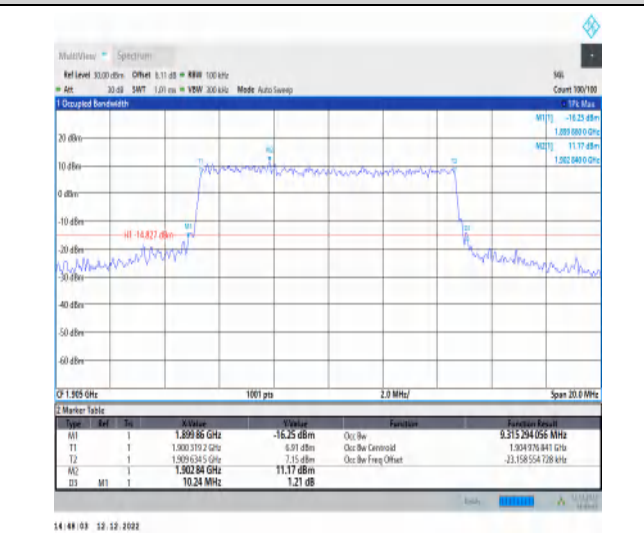
1-N2-PC3-15-10-H-4-DFT-64QAM-Outer\_Full-50@0  
 -Ant1-8.959-9.800-≤10-PASS



1-N2-PC3-15-10-H-5-DFT-256QAM-Outer\_Full-50@0  
 -Ant1-8.925-9.500-≤10-PASS

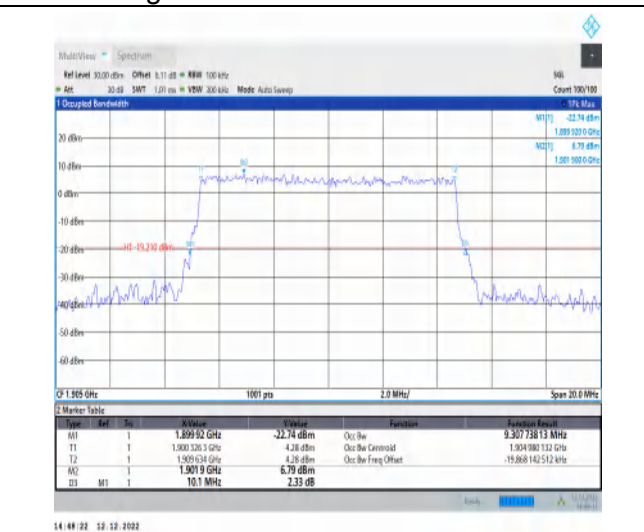
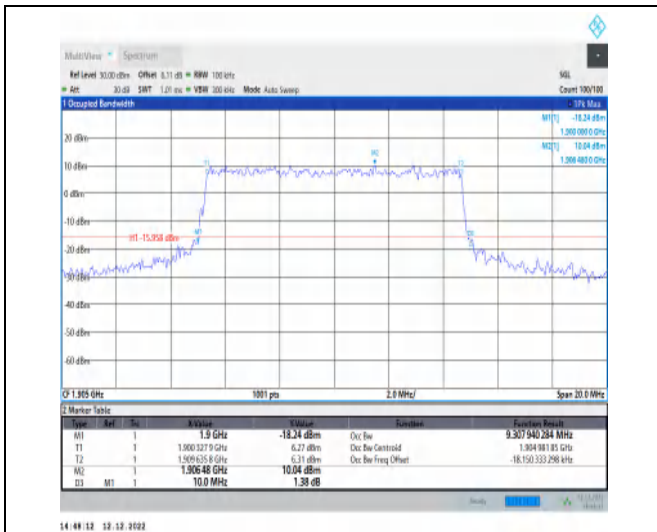


1-N2-PC3-15-10-H-6-CP-QPSK-Outer\_Full-52@0-A  
 nt1-9.293-10.020-≤10-PASS



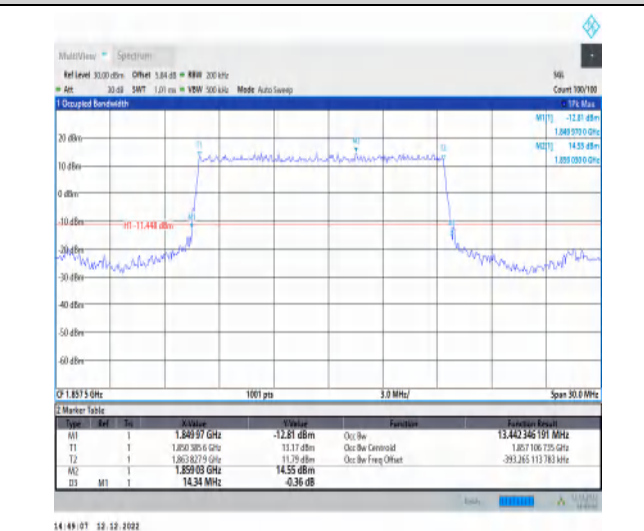
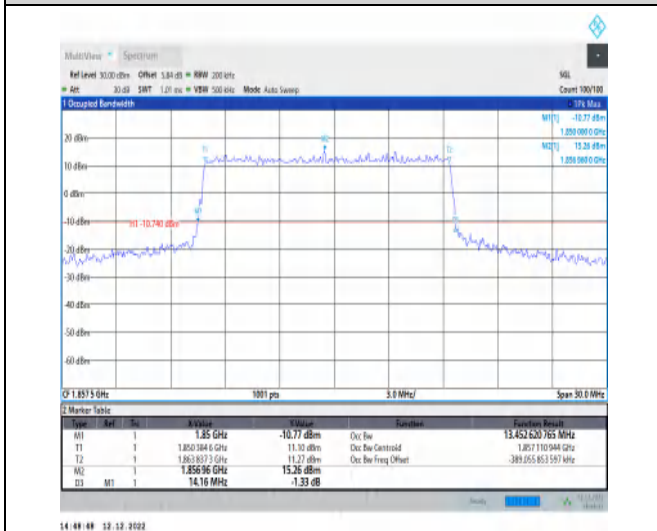
1-N2-PC3-15-10-H-7-CP-16QAM-Outer\_Full-52@0-  
 Ant1-9.315-10.240-≤10-PASS





1-N2-PC3-15-10-H-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.308-10.000-≤10-PASS

1-N2-PC3-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.308-10.100-≤10-PASS



1-N2-PC3-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.453-14.160-≤15-PASS

1-N2-PC3-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.442-14.340-≤15-PASS

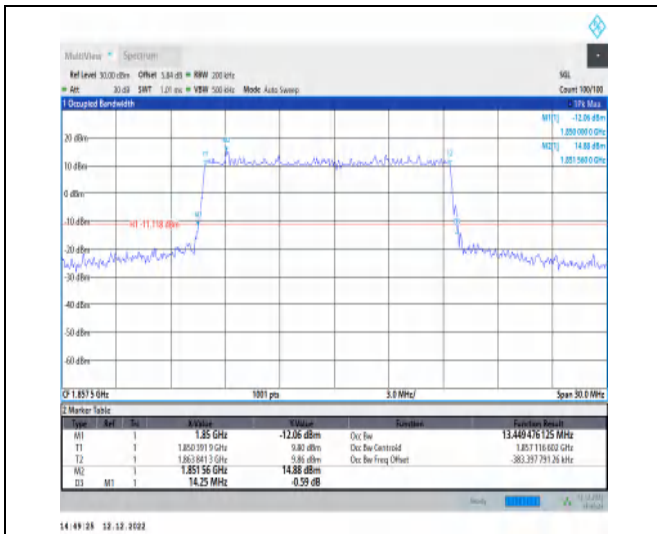


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

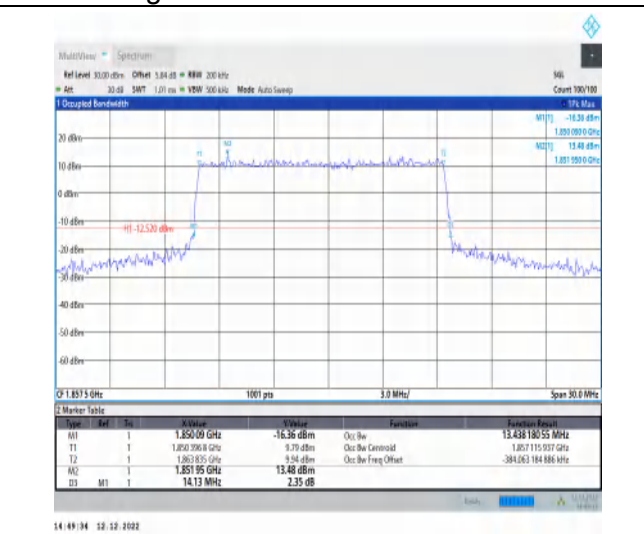
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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



1-N2-PC3-15-15-L-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.449-14.250-≤15-PASS



1-N2-PC3-15-15-L-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.438-14.130-≤15-PASS



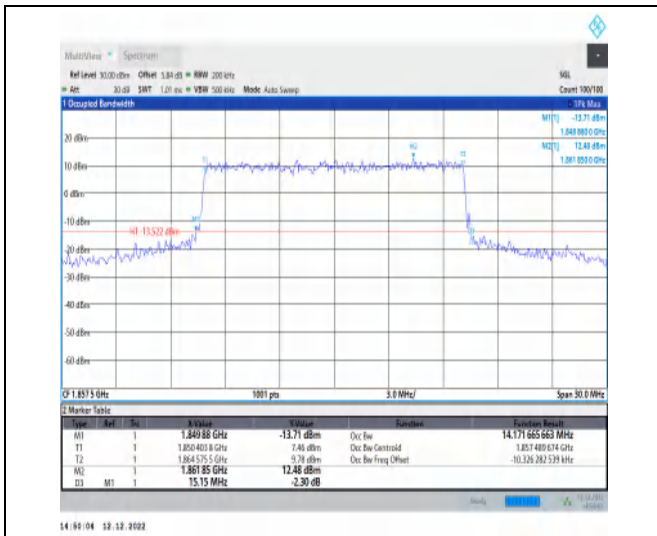
1-N2-PC3-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.467-14.430-≤15-PASS



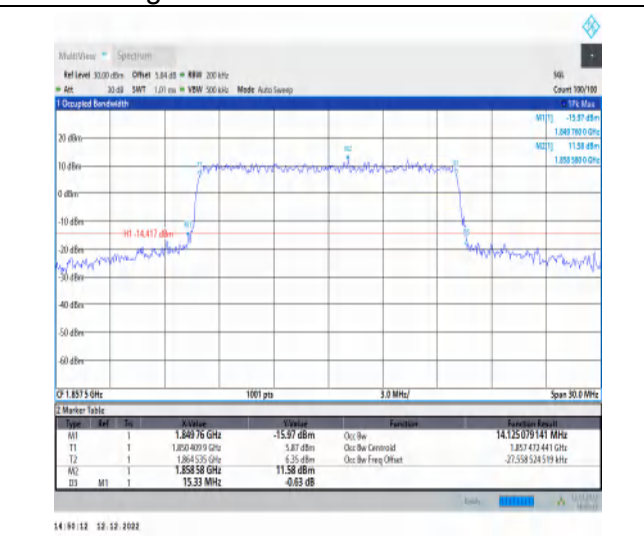
1-N2-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.127-15.000-≤15-PASS



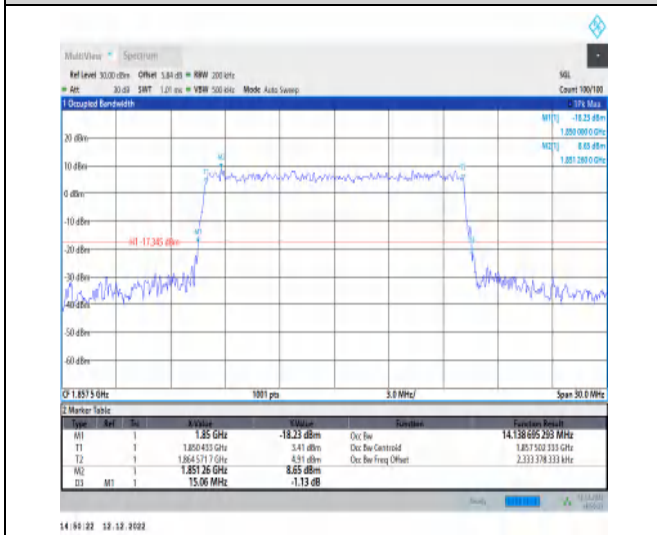




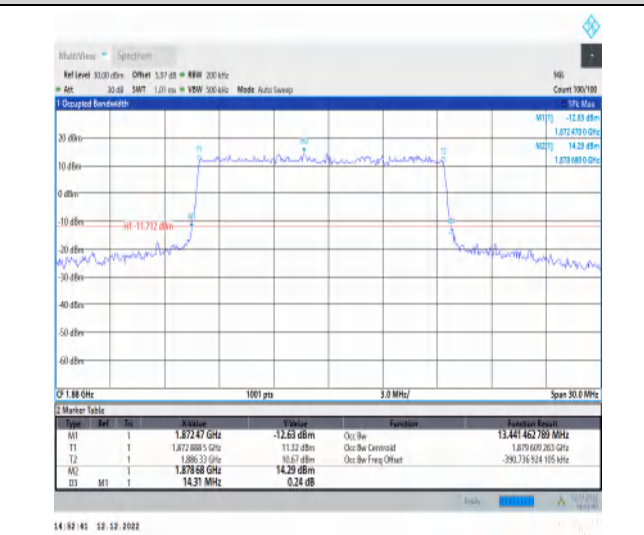
1-N2-PC3-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.172-15.150-≤15-PASS



1-N2-PC3-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.125-15.330-≤15-PASS



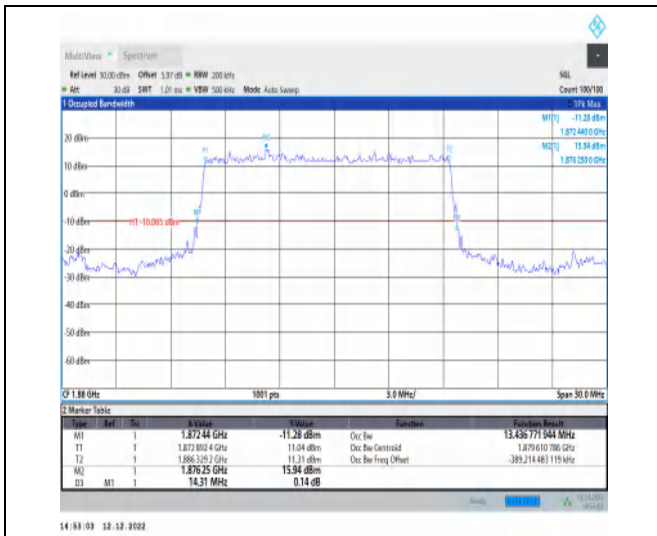
1-N2-PC3-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.139-15.060-≤15-PASS



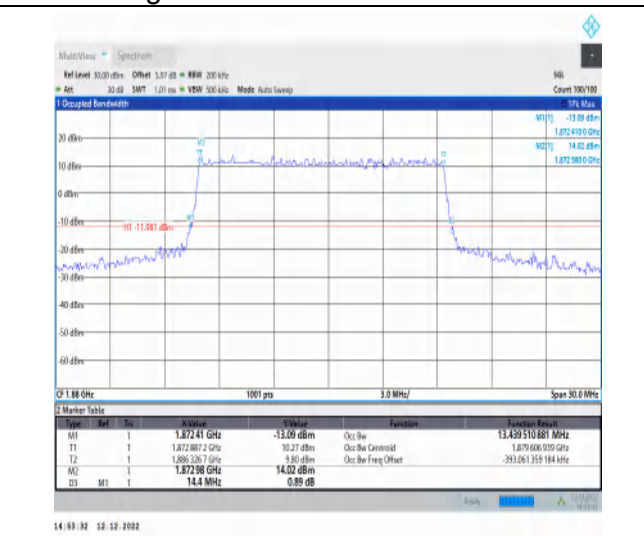
1-N2-PC3-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.441-14.310-≤15-PASS



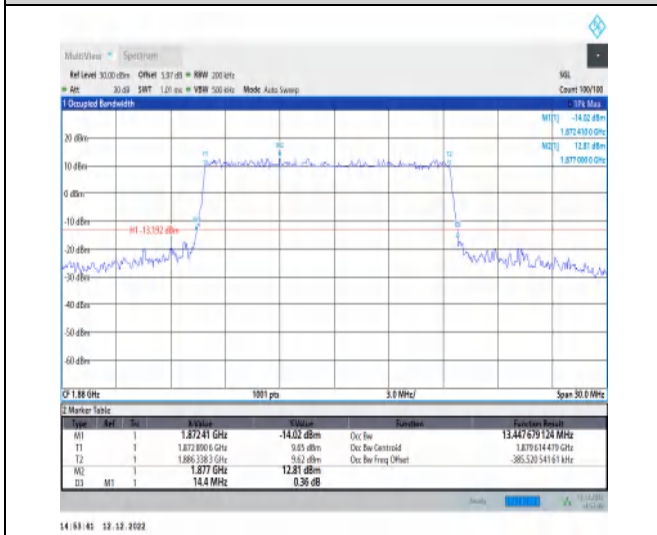




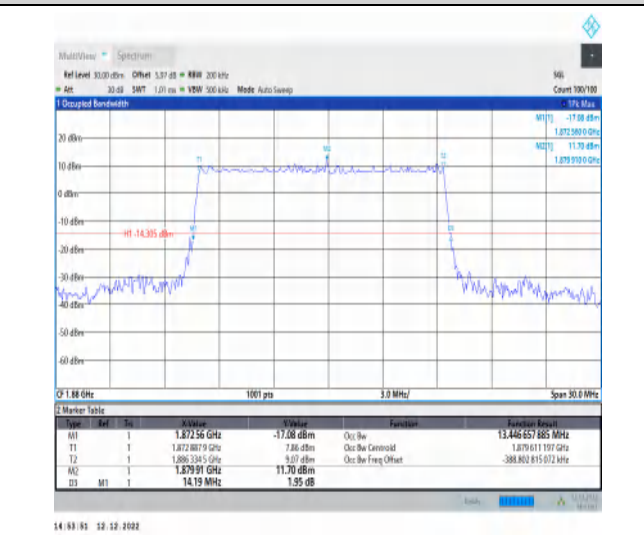
1-N2-PC3-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-13.437-14.310-≤15-PASS



1-N2-PC3-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.44-14.400-≤15-PASS

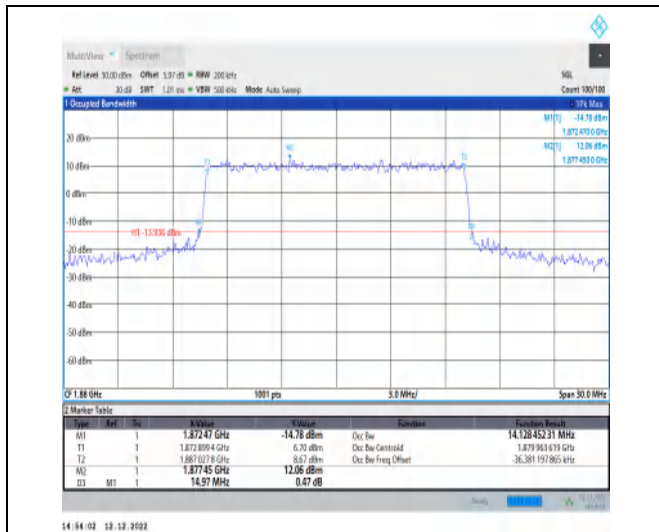


1-N2-PC3-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.448-14.400-≤15-PASS

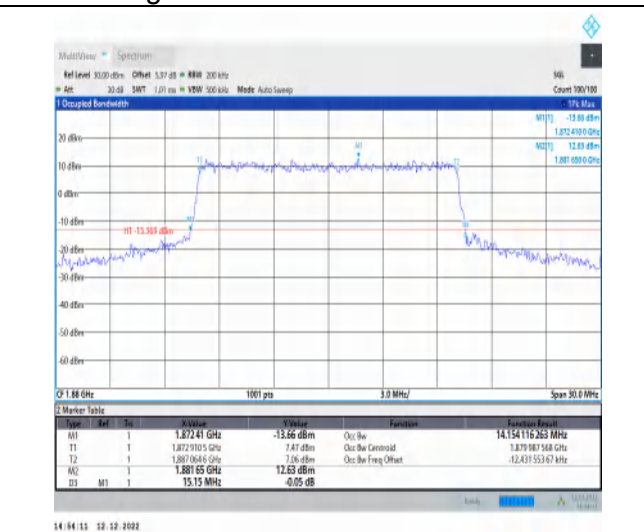


1-N2-PC3-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.447-14.190-≤15-PASS

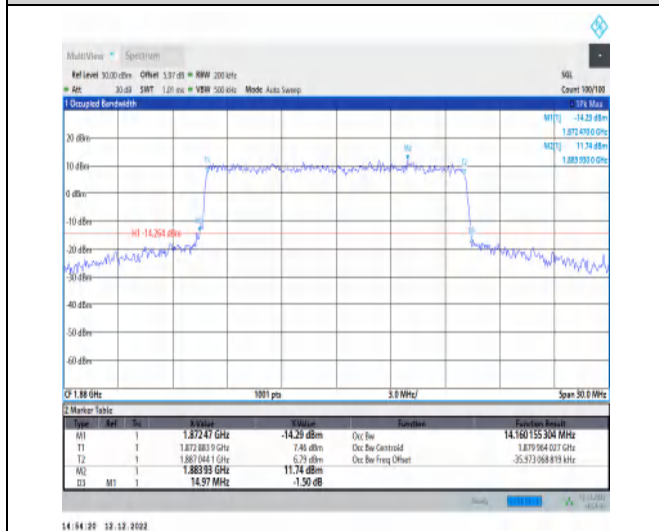




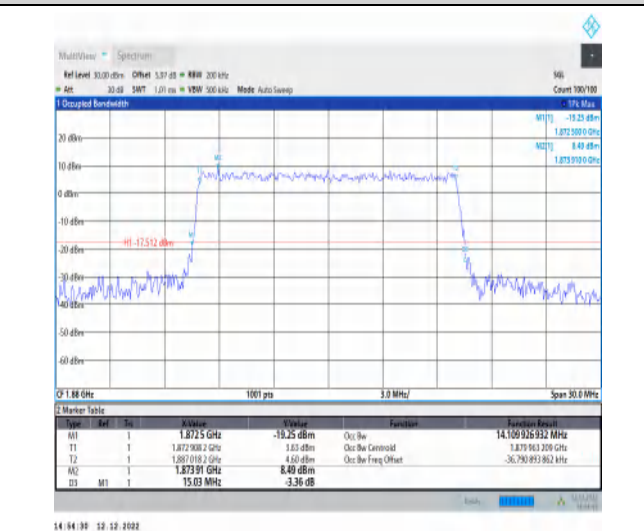
1-N2-PC3-15-15-M-6-CP-QPSK-Outer\_Full-79@0-A  
 Ant1-14.128-14.970-≤15-PASS



1-N2-PC3-15-15-M-7-CP-16QAM-Outer\_Full-79@0-  
 Ant1-14.154-15.150-≤15-PASS



1-N2-PC3-15-15-M-8-CP-64QAM-Outer\_Full-79@0-  
 Ant1-14.16-14.970-≤15-PASS



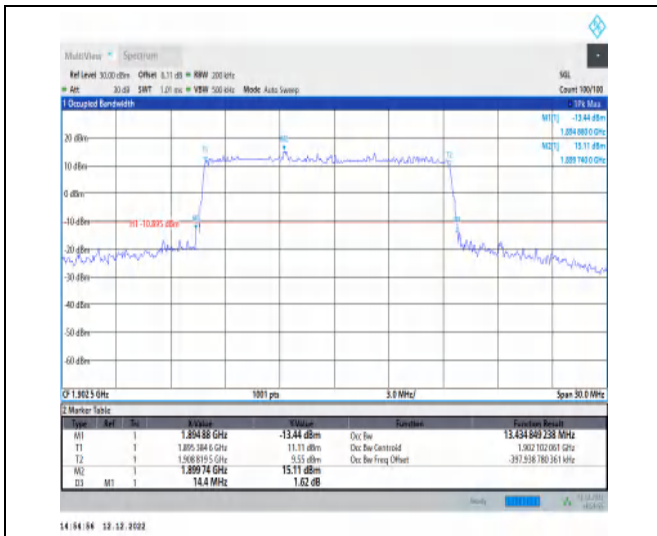
1-N2-PC3-15-15-M-9-CP-256QAM-Outer\_Full-79@0-  
 -Ant1-14.11-15.030-≤15-PASS



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) 83071443, 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

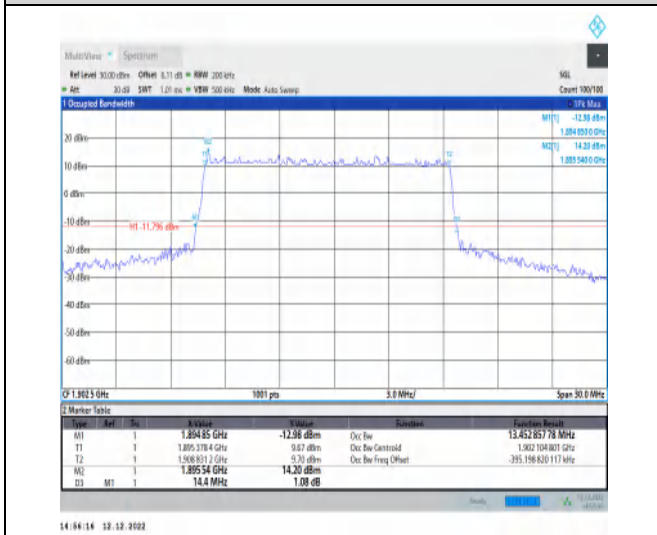
t (86-512) 62992980 www.sgs.com.cn  
 t (86-512) 62992980 sgs.china@sgs.com



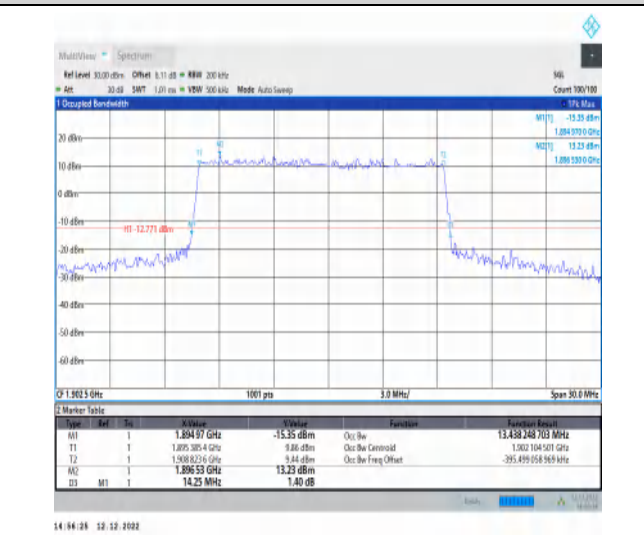
1-N2-PC3-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.435-14.400-≤15-PASS



1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.421-14.430-≤15-PASS



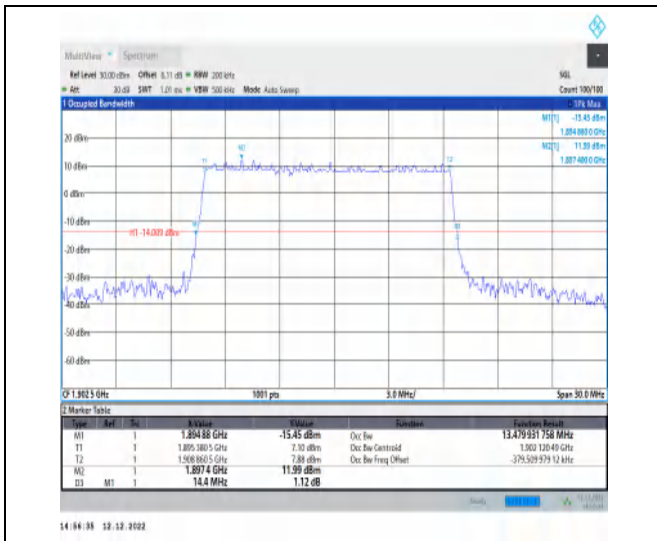
1-N2-PC3-15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.453-14.400-≤15-PASS



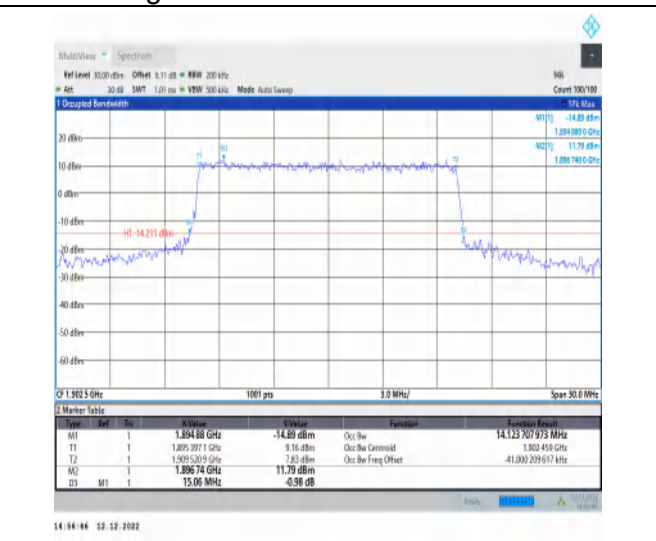
1-N2-PC3-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.438-14.250-≤15-PASS



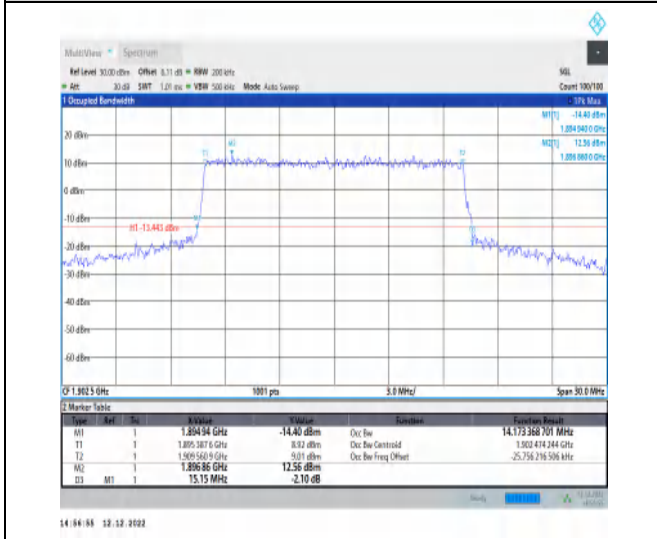




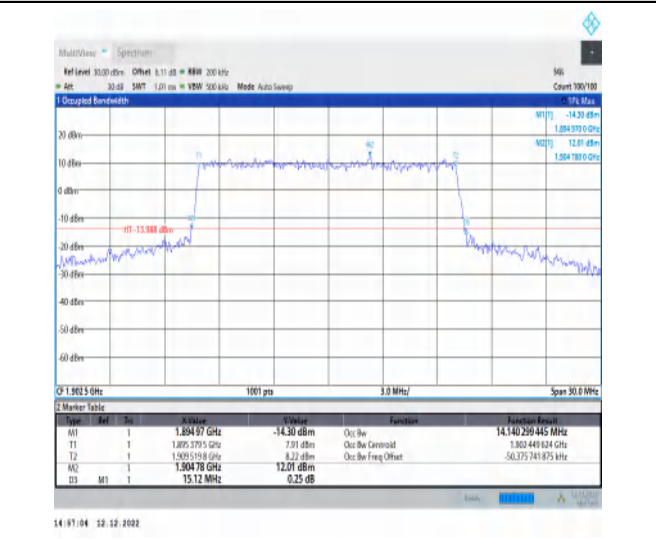
1-N2-PC3-15-15-H-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.48-14.400-≤15-PASS



1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.124-15.060-≤15-PASS



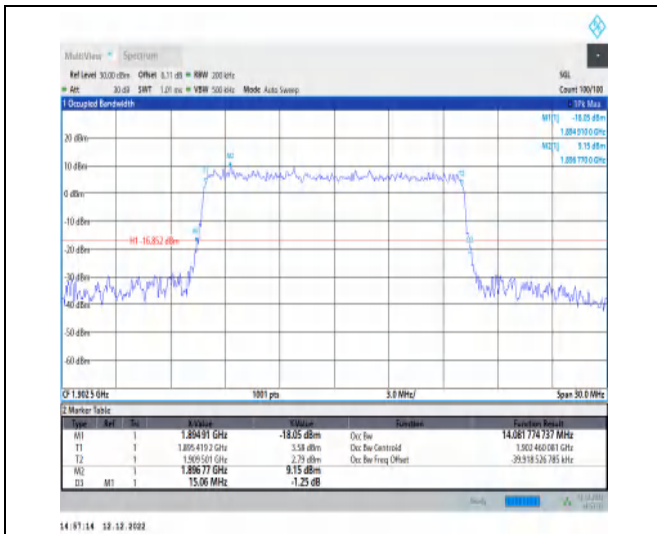
1-N2-PC3-15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-14.173-15.150-≤15-PASS



1-N2-PC3-15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.14-15.120-≤15-PASS



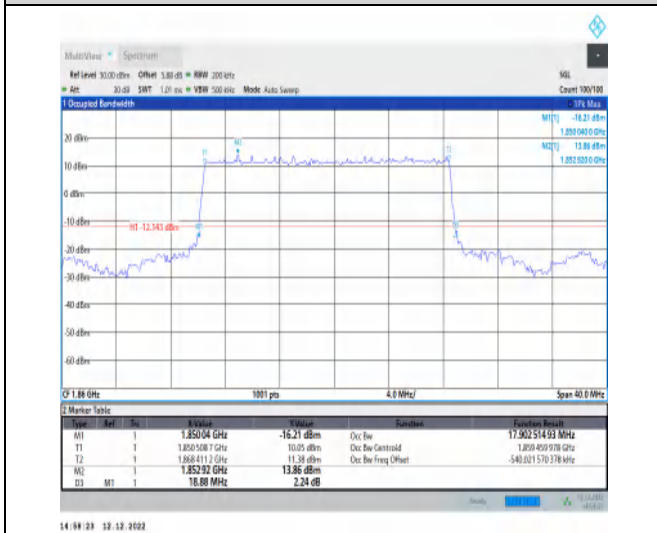




1-N2-PC3-15-15-H-9-CP-256QAM-Outer\_Full-79@0  
 -Ant1-14.082-15.060-≤15-PASS



1-N2-PC3-15-20-L-1-DFT-QPSK-Outer\_Full-100@0-  
 Ant1-17.908-18.800-≤20-PASS

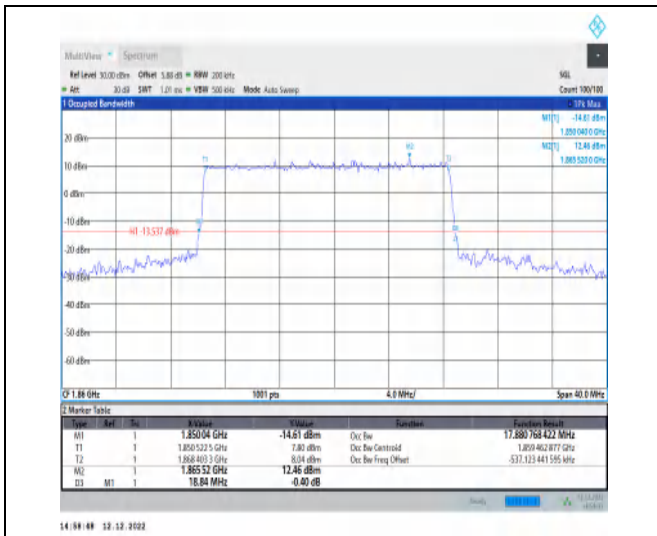


1-N2-PC3-15-20-L-2-DFT-PI2BPSK-Outer\_Full-100  
 @0-Ant1-17.903-18.880-≤20-PASS



1-N2-PC3-15-20-L-3-DFT-16QAM-Outer\_Full-100@  
 0-Ant1-17.903-18.840-≤20-PASS

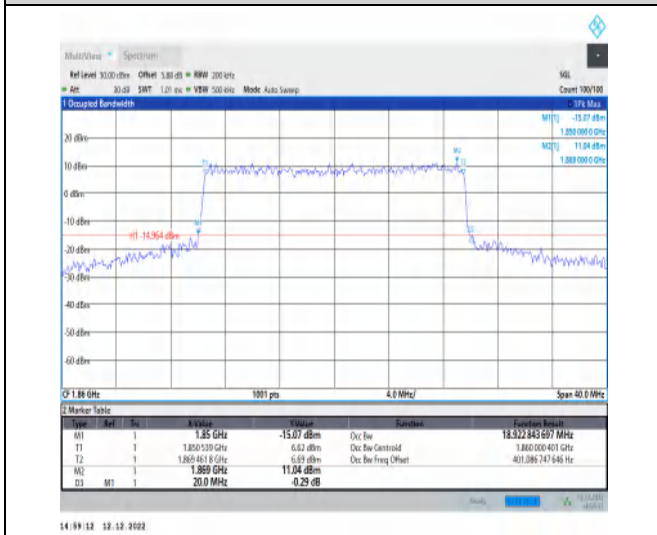




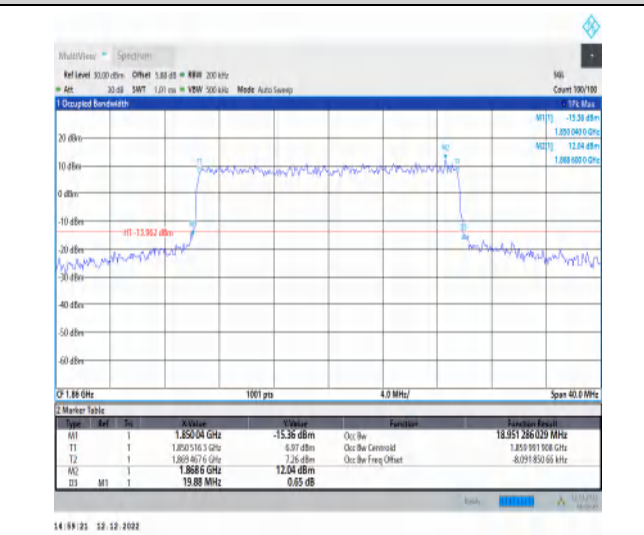
1-N2-PC3-15-20-L-4-DFT-64QAM-Outer\_Full-100@  
 0-Ant1-17.881-18.840-≤20-PASS



1-N2-PC3-15-20-L-5-DFT-256QAM-Outer\_Full-100  
 @0-Ant1-17.892-18.800-≤20-PASS

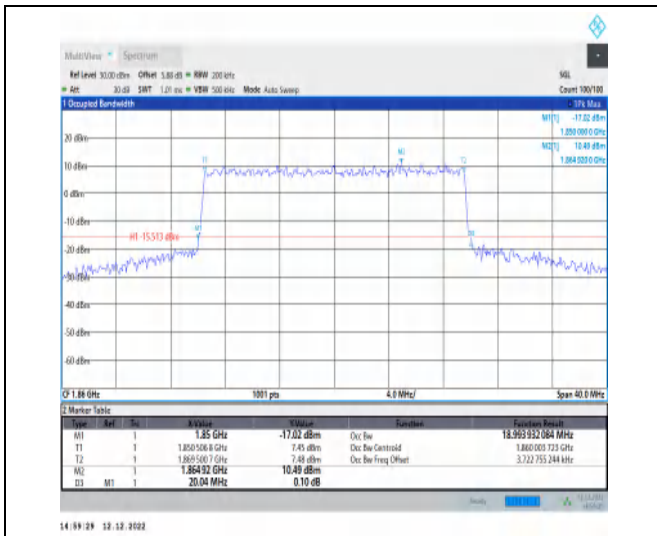


1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-  
 Ant1-18.923-20.000-≤20-PASS

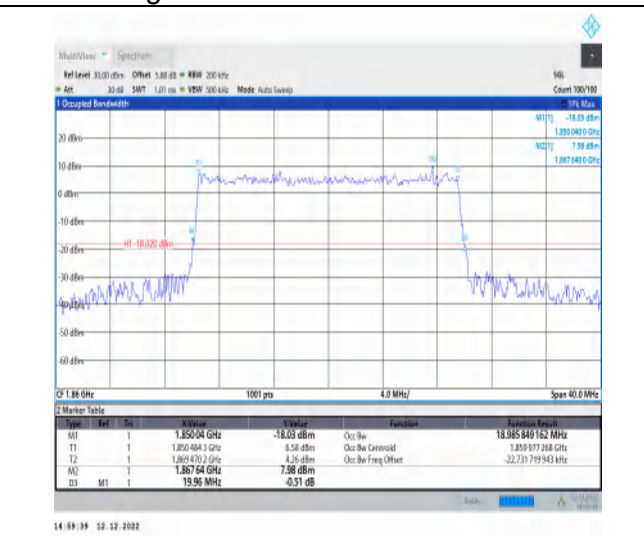


1-N2-PC3-15-20-L-7-CP-16QAM-Outer\_Full-106@0-  
 Ant1-18.951-19.880-≤20-PASS

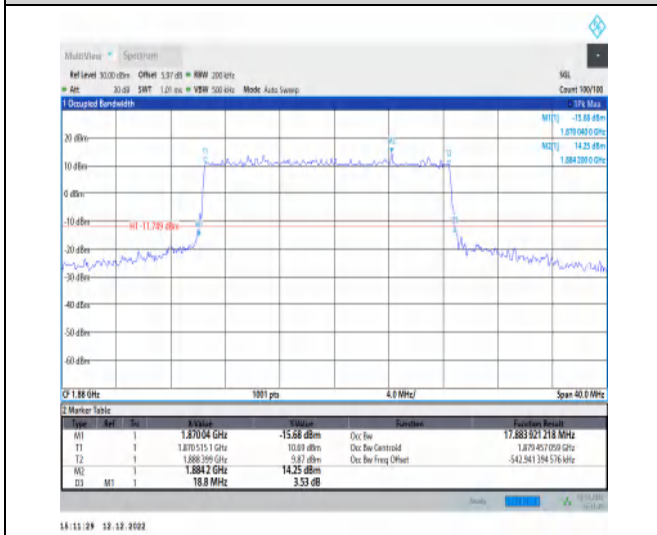




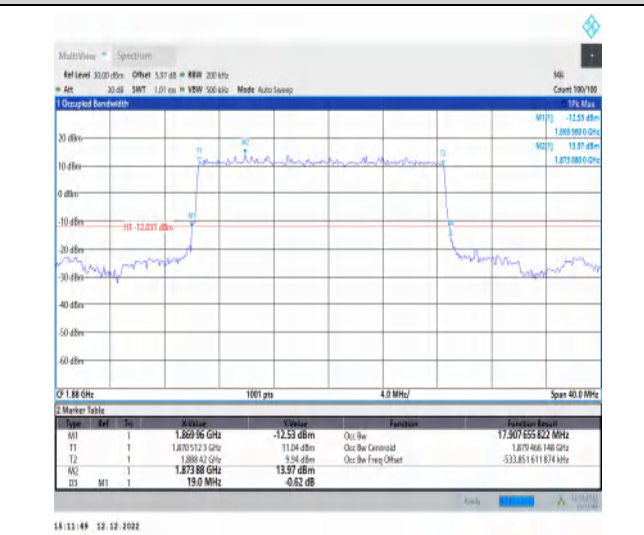
1-N2-PC3-15-20-L-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.994-20.040-≤20-PASS



1-N2-PC3-15-20-L-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.986-19.960-≤20-PASS



1-N2-PC3-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.884-18.800-≤20-PASS



1-N2-PC3-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.908-19.000-≤20-PASS

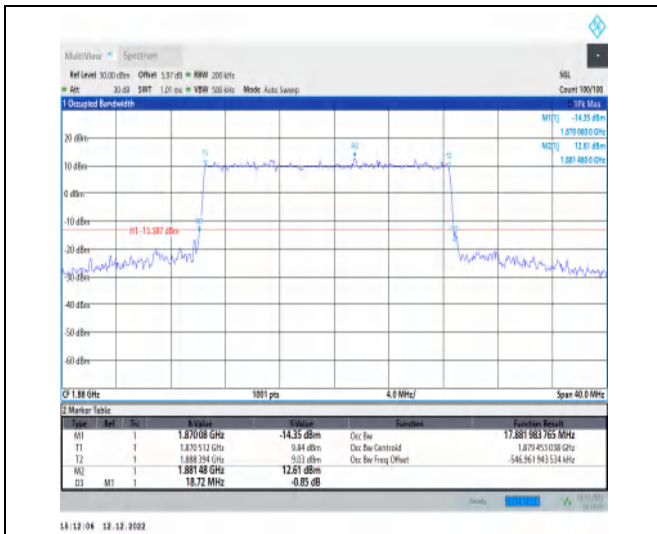


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, 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

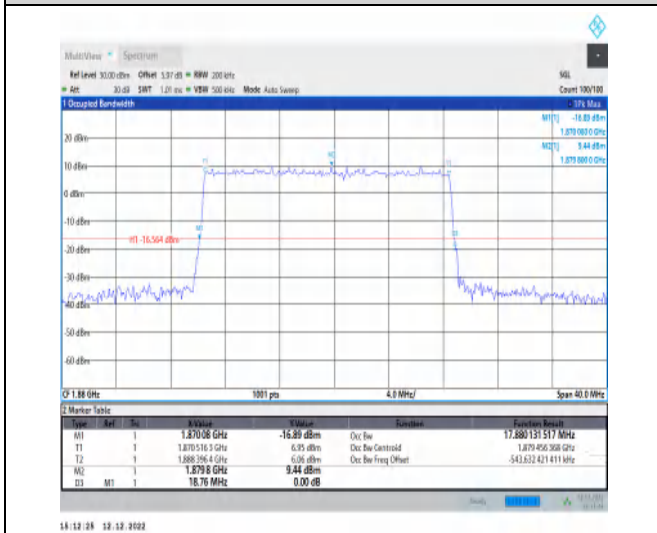




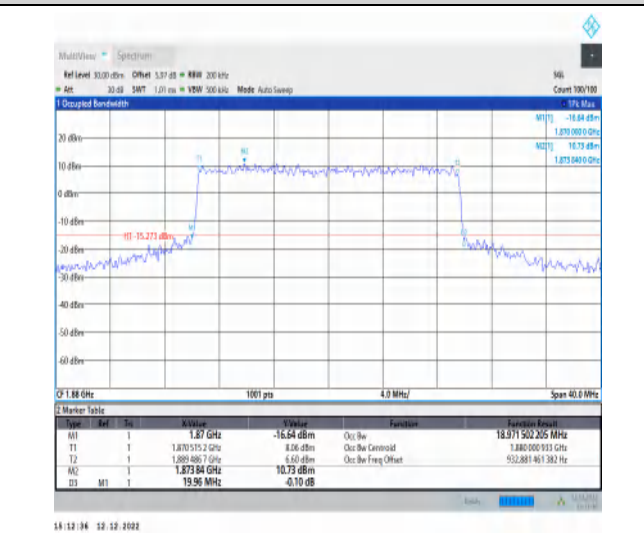
1-N2-PC3-15-20-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.882-18.720-≤20-PASS



1-N2-PC3-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.895-18.800-≤20-PASS



1-N2-PC3-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.88-18.760-≤20-PASS



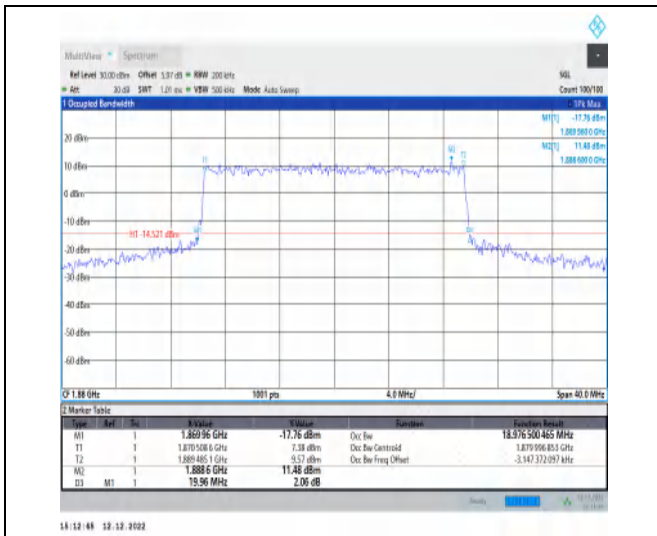
1-N2-PC3-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.972-19.960-≤20-PASS



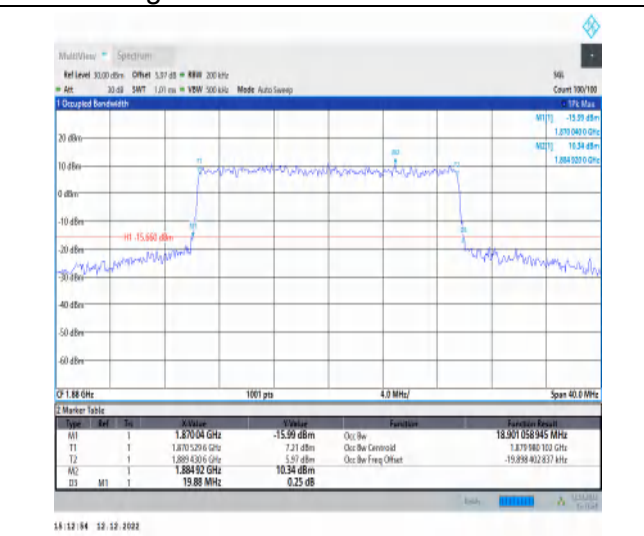
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, or email: CN.Doccheck@sgs.com

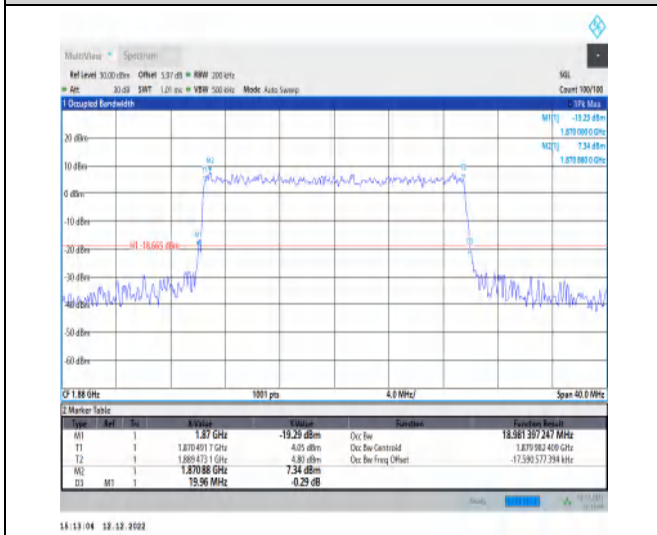
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南都 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



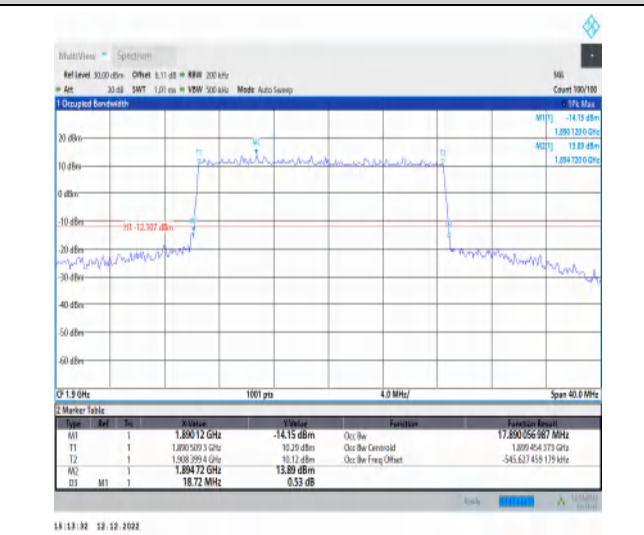
1-N2-PC3-15-20-M-7-CP-16QAM-Outer\_Full-106@0  
 -Ant1-18.977-19.960-≤20-PASS



1-N2-PC3-15-20-M-8-CP-64QAM-Outer\_Full-106@0  
 -Ant1-18.901-19.880-≤20-PASS



1-N2-PC3-15-20-M-9-CP-256QAM-Outer\_Full-106@0  
 -Ant1-18.981-19.960-≤20-PASS



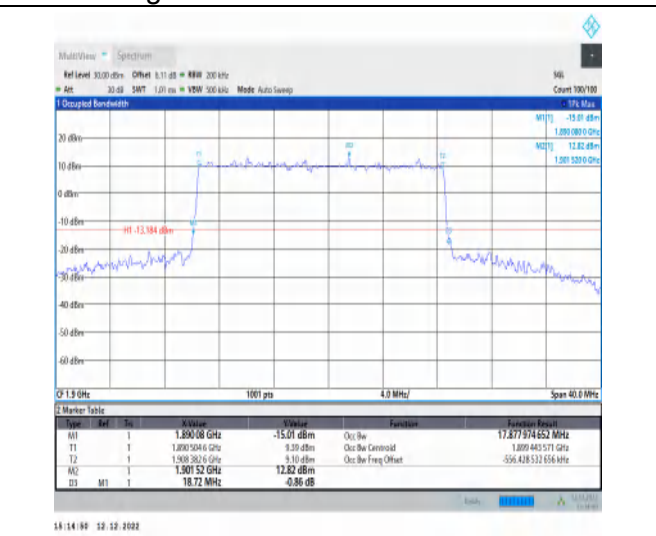
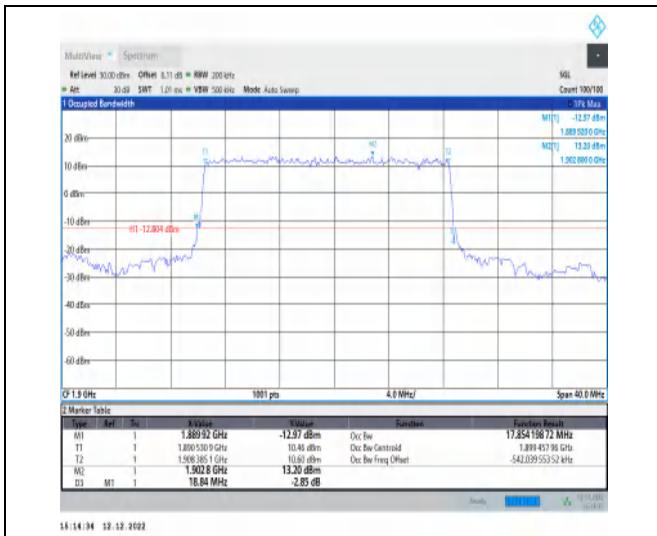
1-N2-PC3-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-  
 Ant1-17.89-18.720-≤20-PASS



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) 83071443, or email: CN.Doccheck@sgs.com**

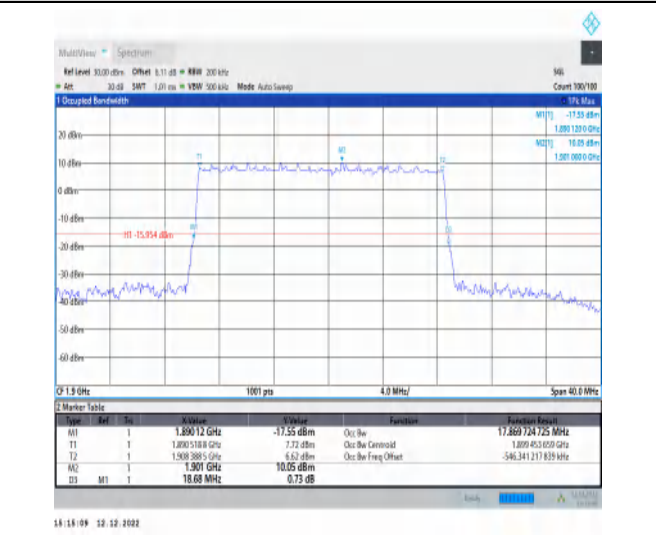
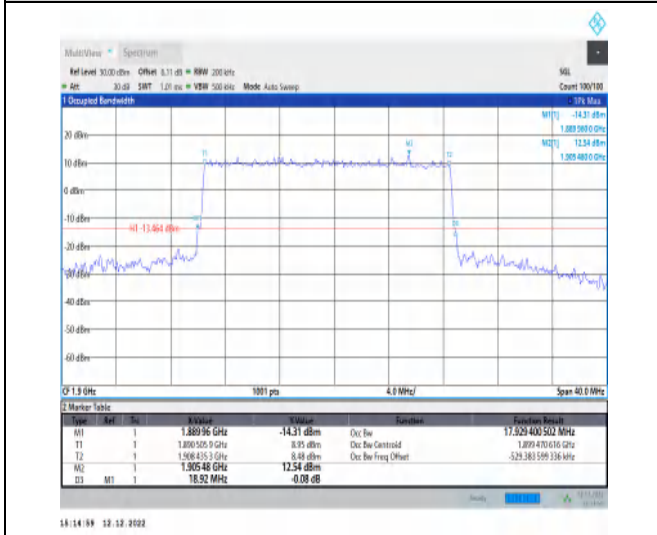
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号6号厂房南楼 邮编: 215000

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



1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Outer\_Full-100 @0-Ant1-17.854-18.840-≤20-PASS

1-N2-PC3-15-20-H-3-DFT-16QAM-Outer\_Full-100 @0-Ant1-17.878-18.720-≤20-PASS

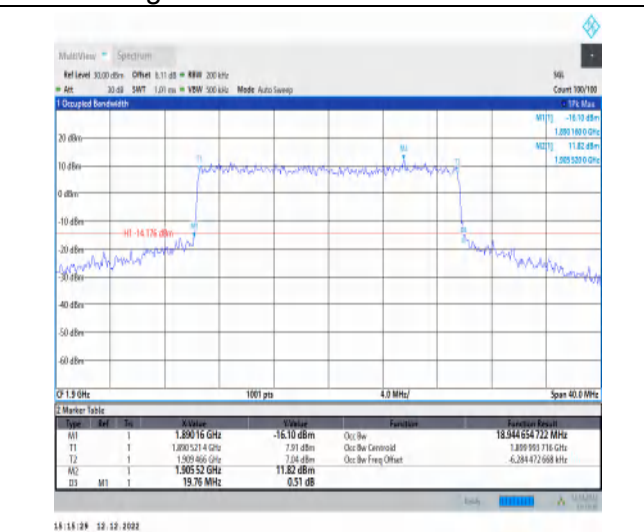
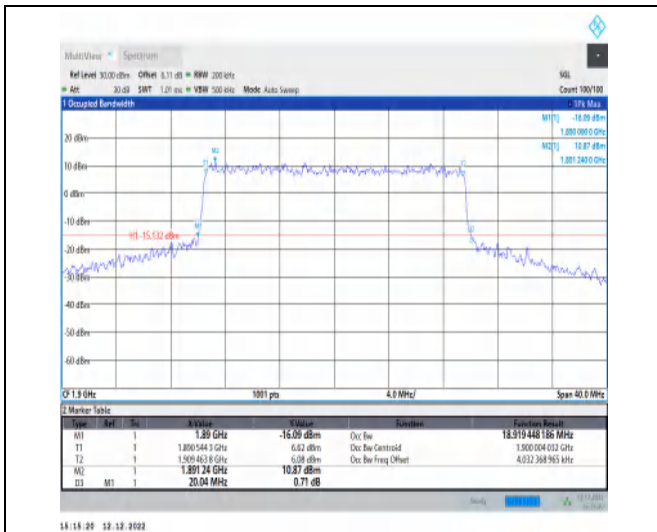


1-N2-PC3-15-20-H-4-DFT-64QAM-Outer\_Full-100 @0-Ant1-17.929-18.920-≤20-PASS

1-N2-PC3-15-20-H-5-DFT-256QAM-Outer\_Full-100 @0-Ant1-17.87-18.680-≤20-PASS

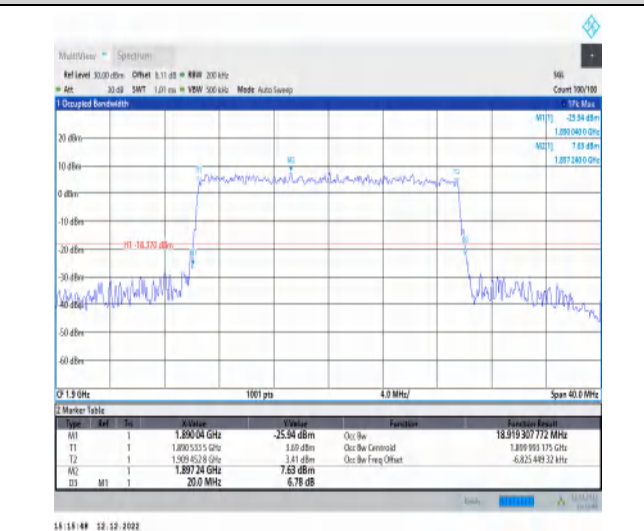
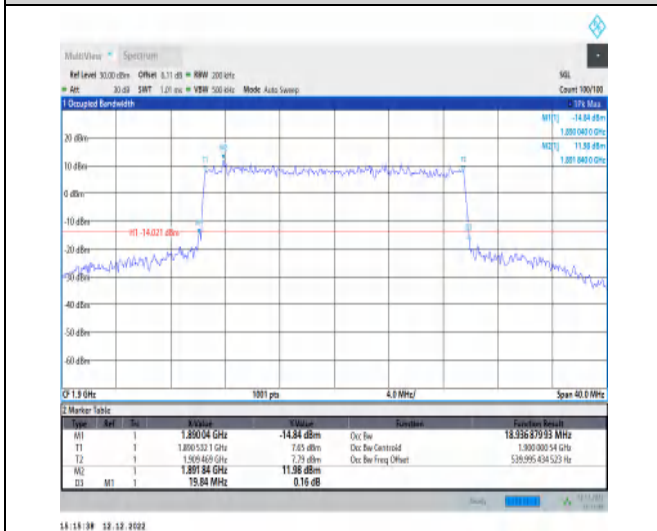






1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.919-20.040-≤20-PASS

1-N2-PC3-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.945-19.760-≤20-PASS



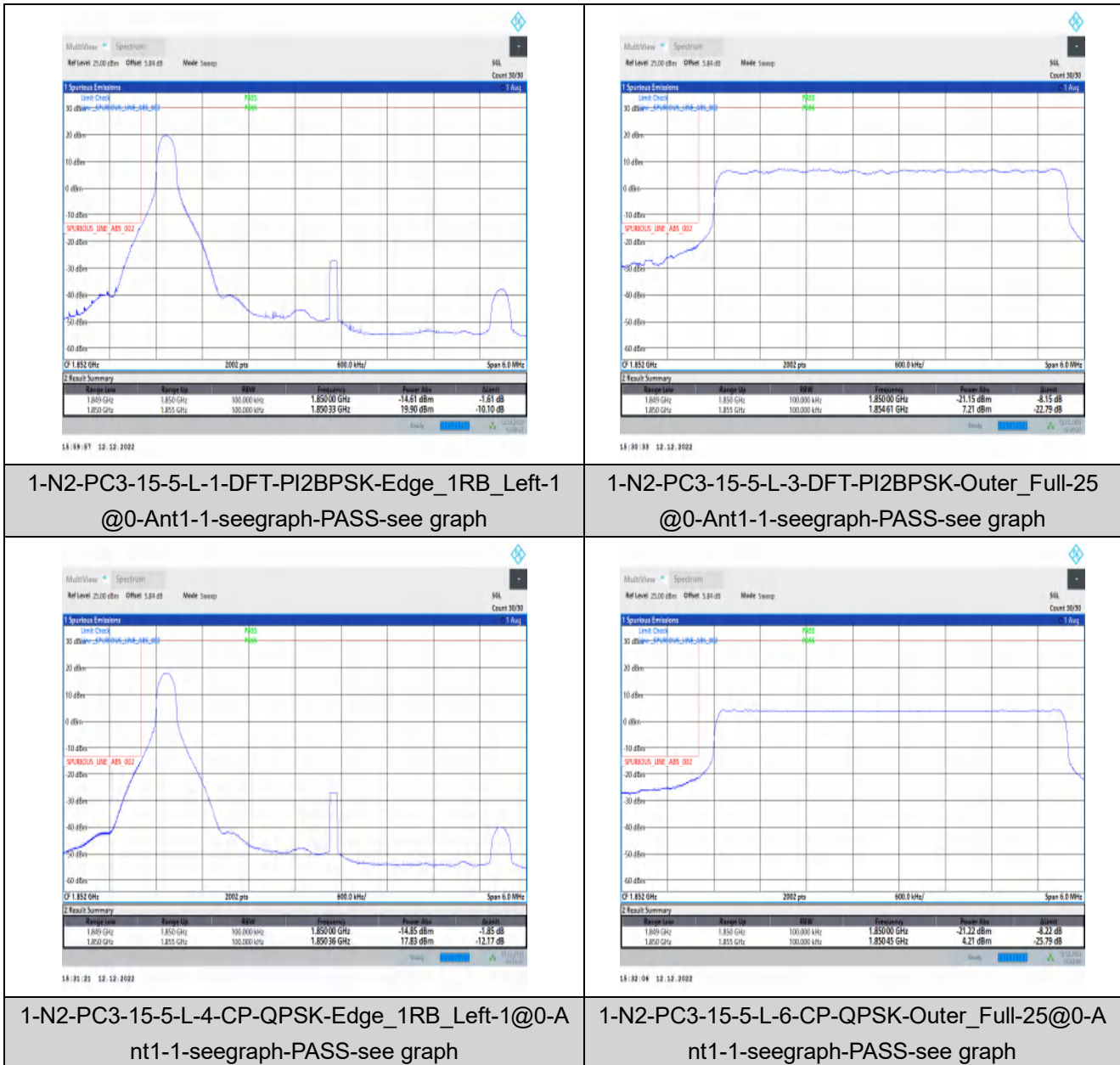
1-N2-PC3-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.937-19.840-≤20-PASS

1-N2-PC3-15-20-H-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.919-20.000-≤20-PASS



## Band Edge for SA

### Test Graphs



1-N2-PC3-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-A nt1-1-seegraph-PASS-see graph

1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-A nt1-1-seegraph-PASS-see graph

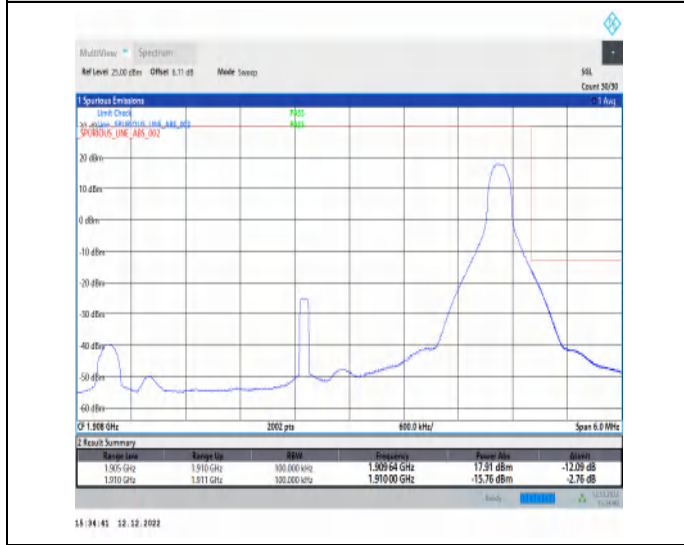




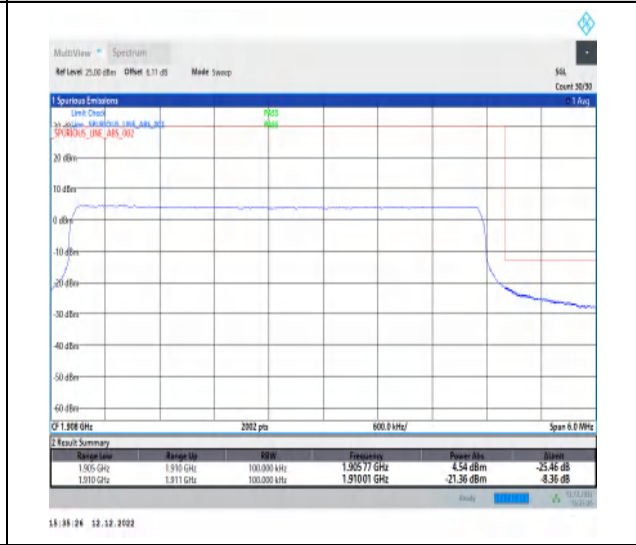
1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1 @24-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25 @0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@2 4-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-A nt1-1-seegraph-PASS-see graph



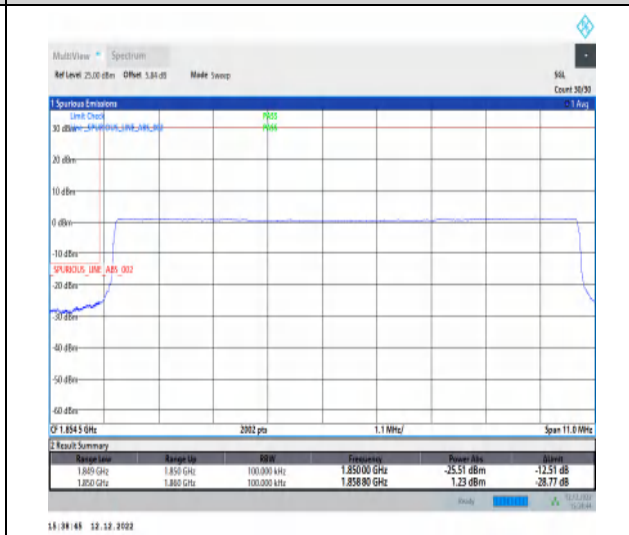
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com





1-N2-PC3-15-10-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50 @0-Ant1-1-seegraph-PASS-see graph



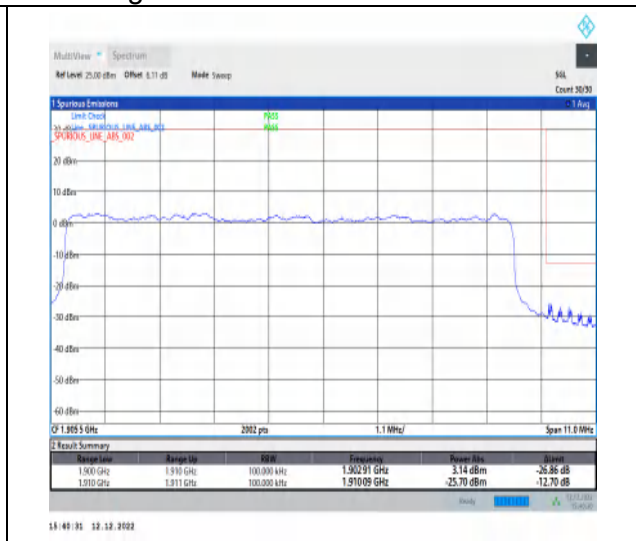
1-N2-PC3-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph

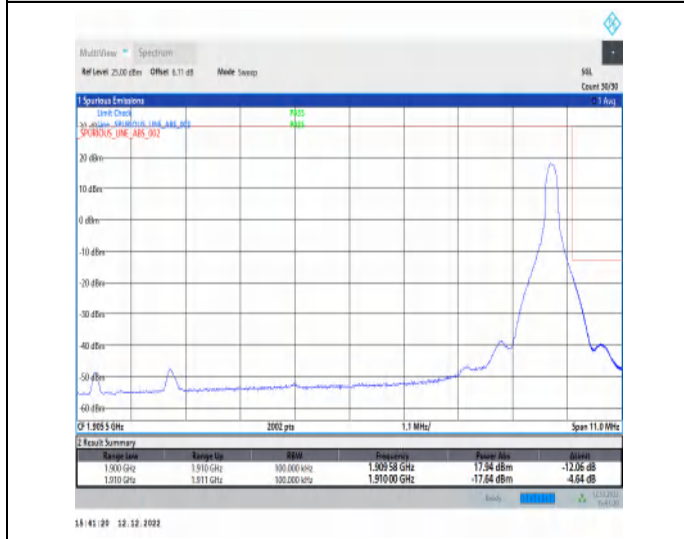




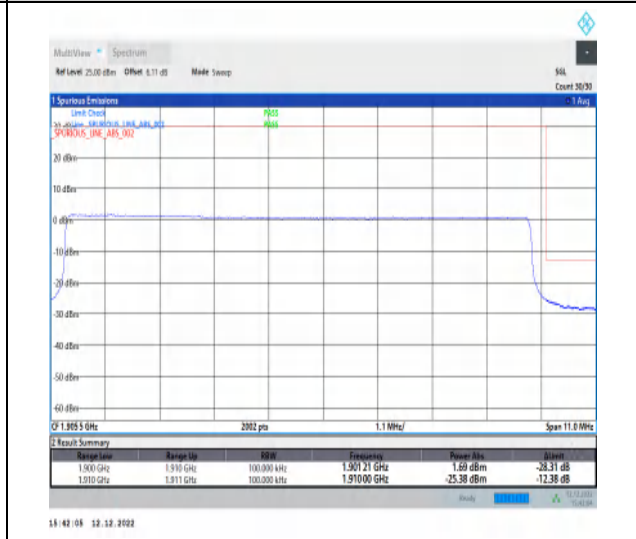
1-N2-PC3-15-10-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1-seegraph-PASS-see graph

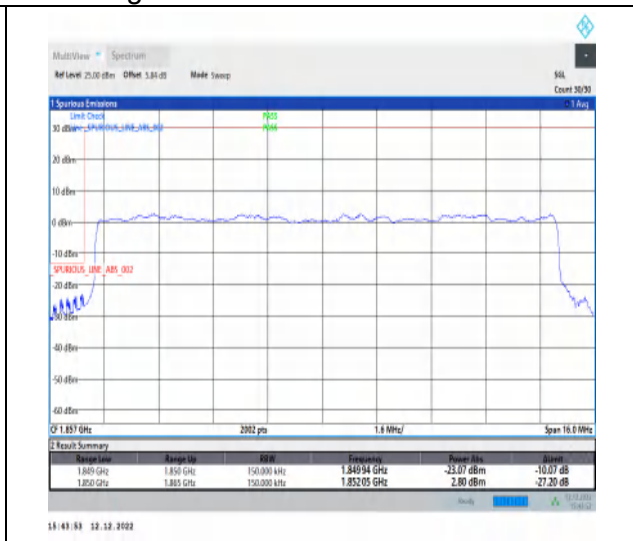


1-N2-PC3-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph



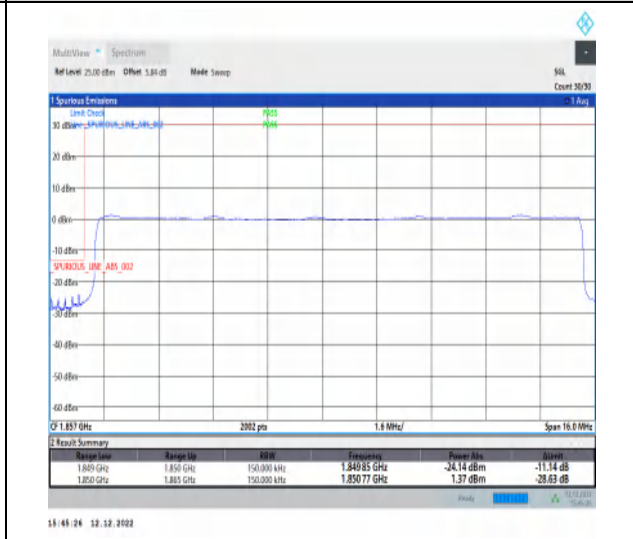
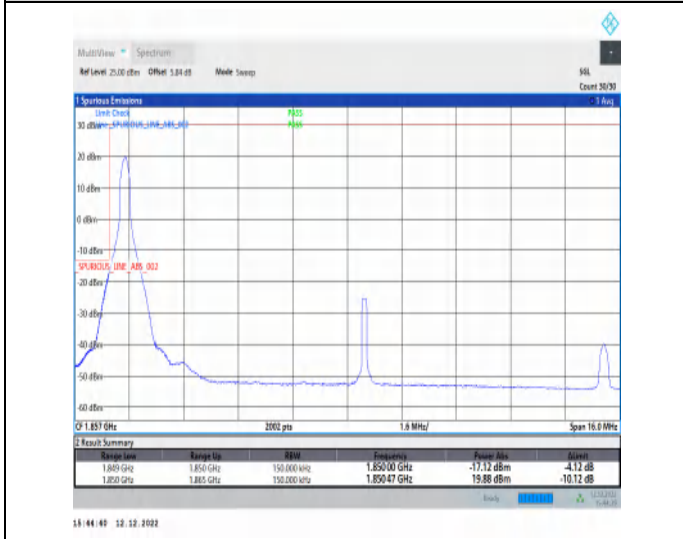
1-N2-PC3-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph





1-N2-PC3-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75 @0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1-seegraph-PASS-see graph



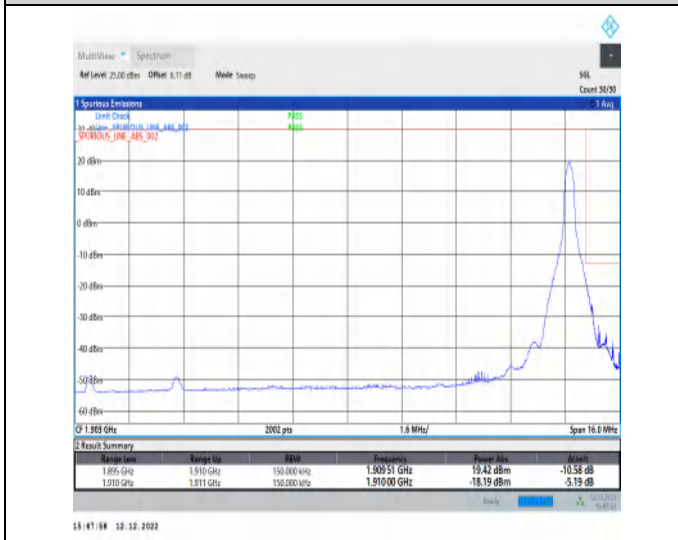




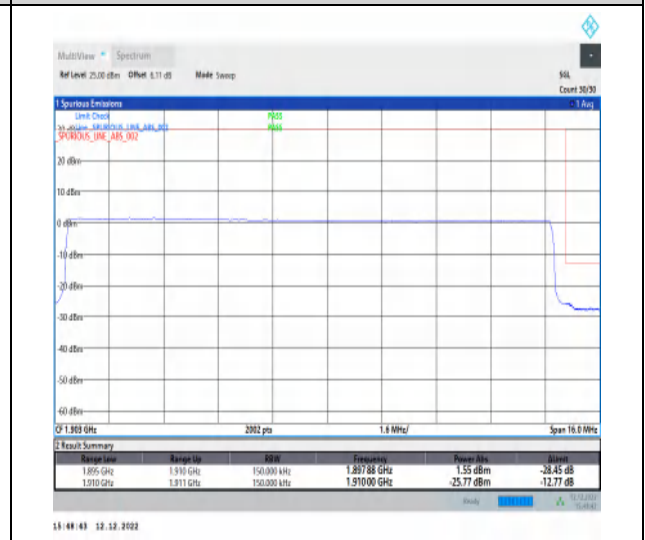
1-N2-PC3-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1-seegraph-PASS-see graph

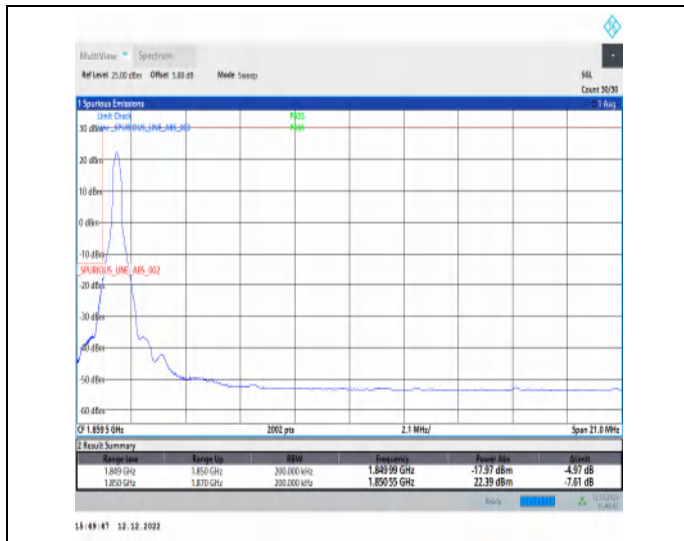


1-N2-PC3-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-1-seegraph-PASS-see graph



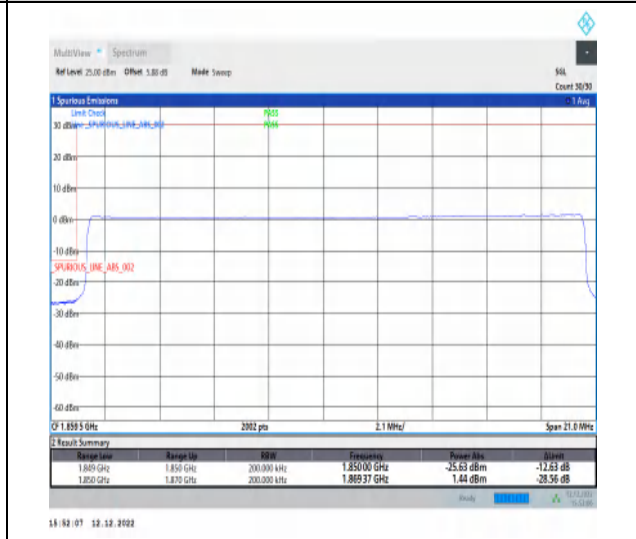
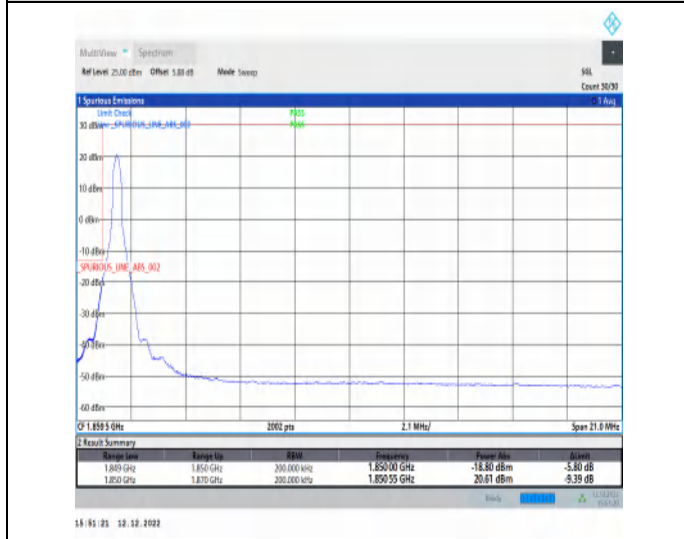
1-N2-PC3-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1-seegraph-PASS-see graph





1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

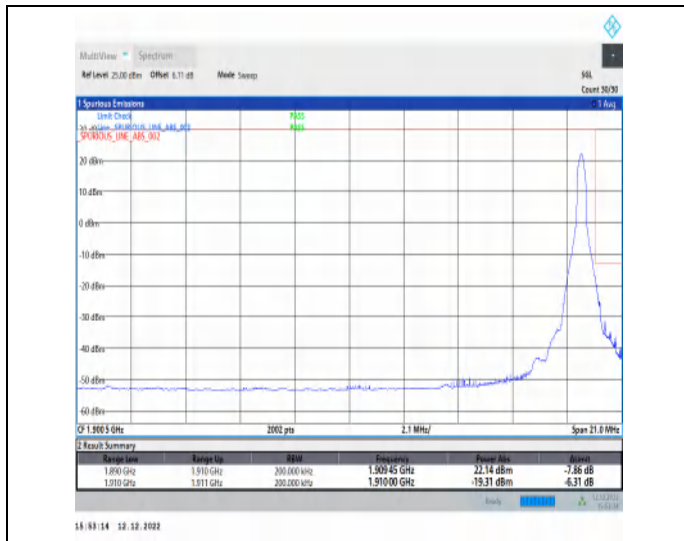
1-N2-PC3-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph

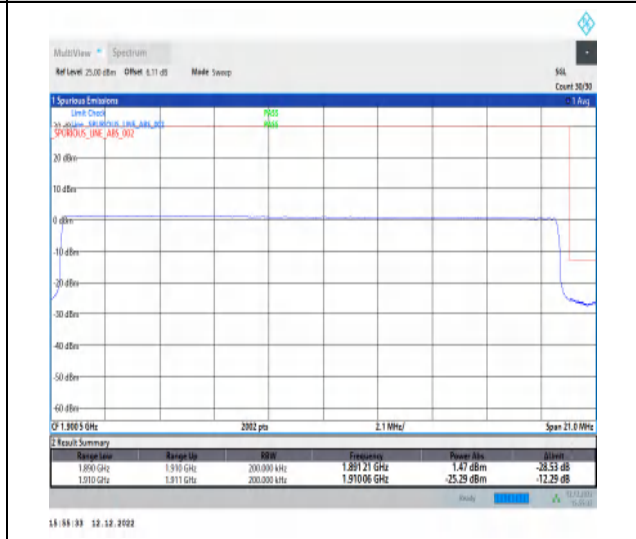
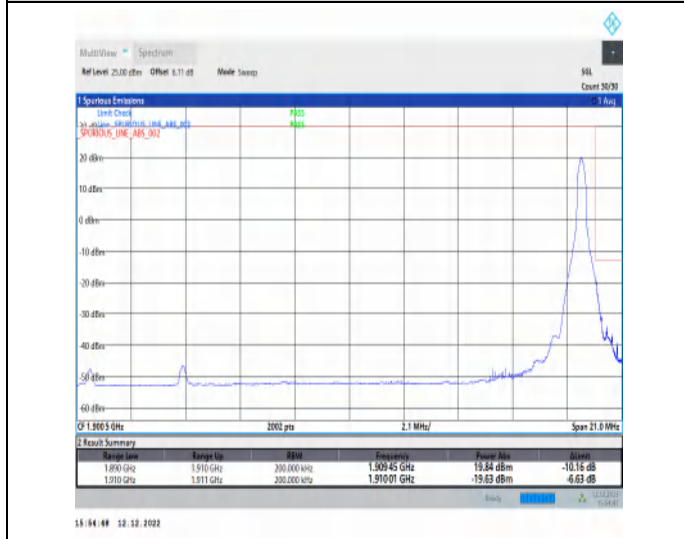
1-N2-PC3-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph





1-N2-PC3-15-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

1-N2-PC3-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1-seegraph-PASS-see graph



1-N2-PC3-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1-seegraph-PASS-see graph

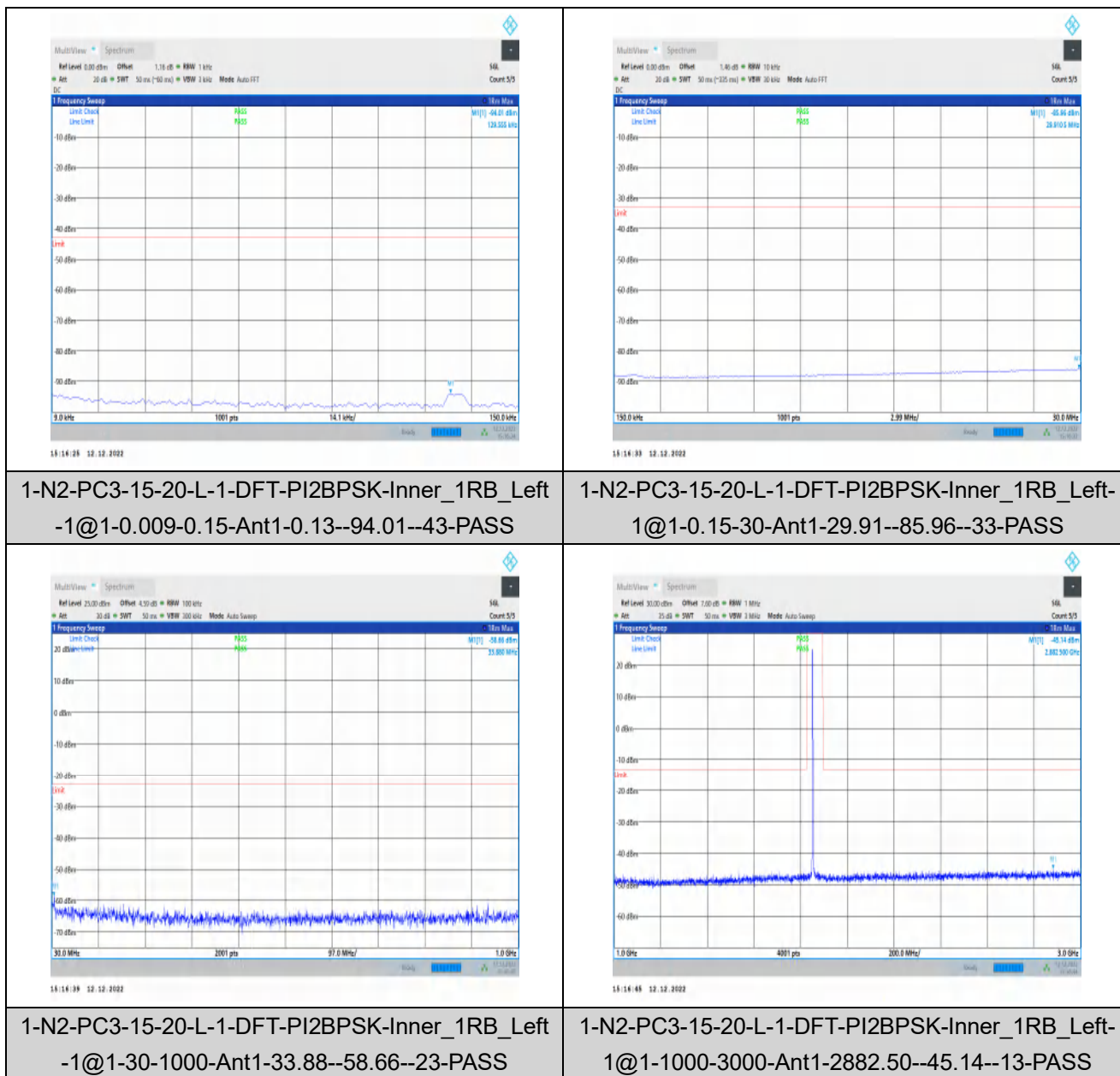
1-N2-PC3-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1-seegraph-PASS-see graph

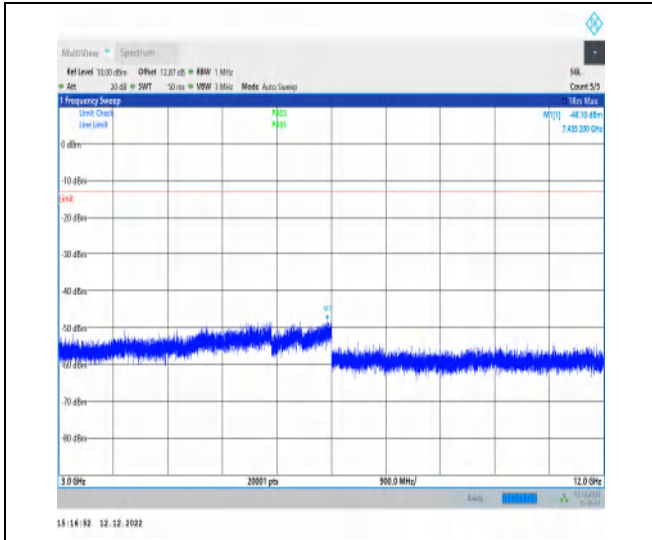




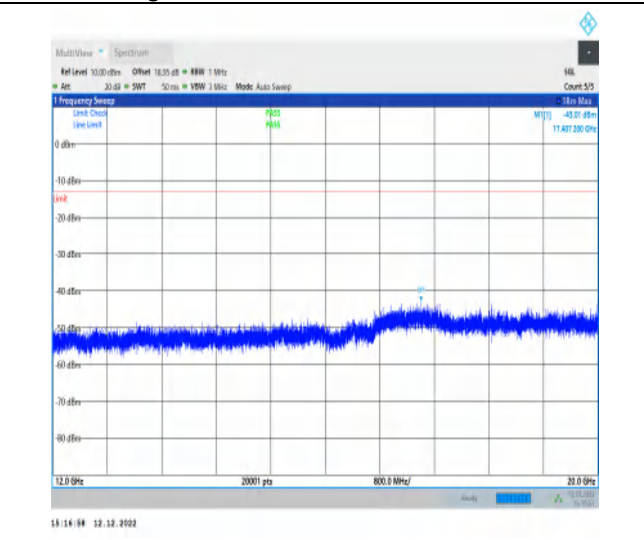
## Conducted Spurious Emission for SA

### Test Graphs

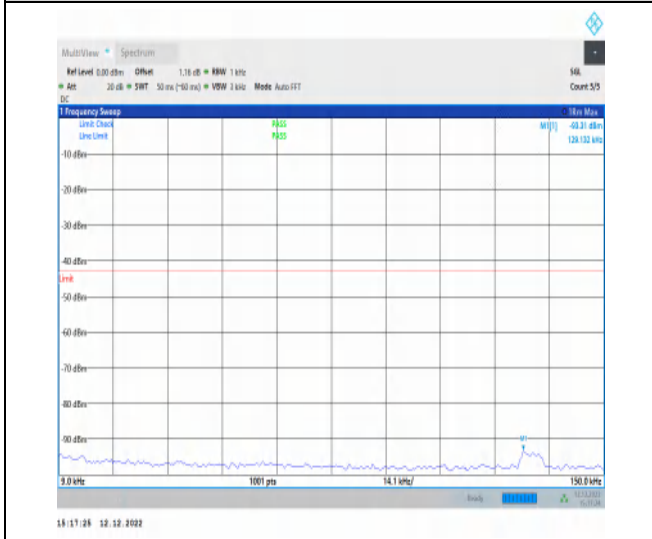




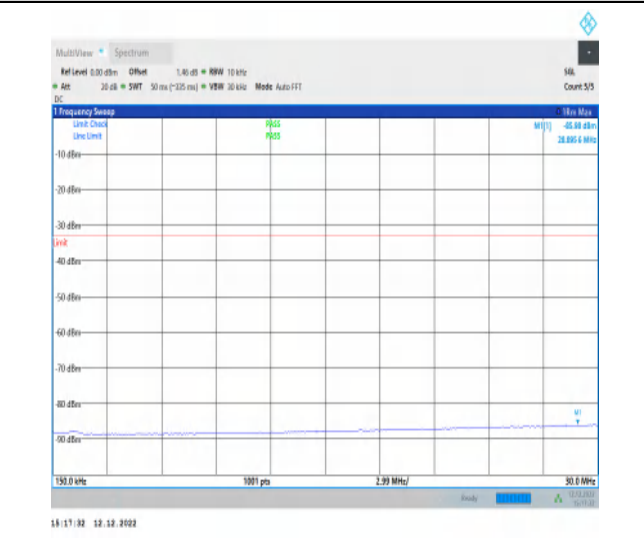
1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant1-7435.20--48.10--13-PASS



1-N2-PC3-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-17407.20--43.01--13-PASS



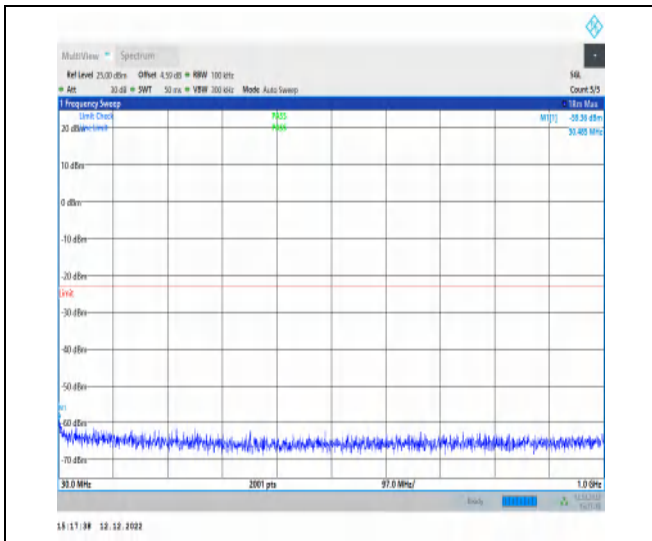
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.13--93.31--43-PASS



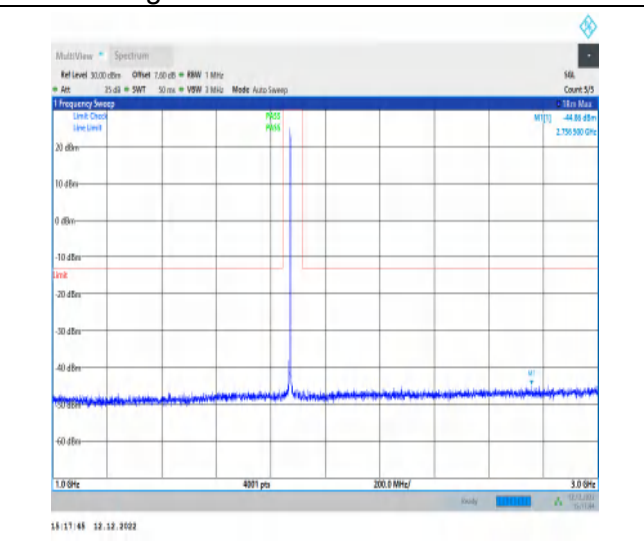
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-28.90--85.98--33-PASS



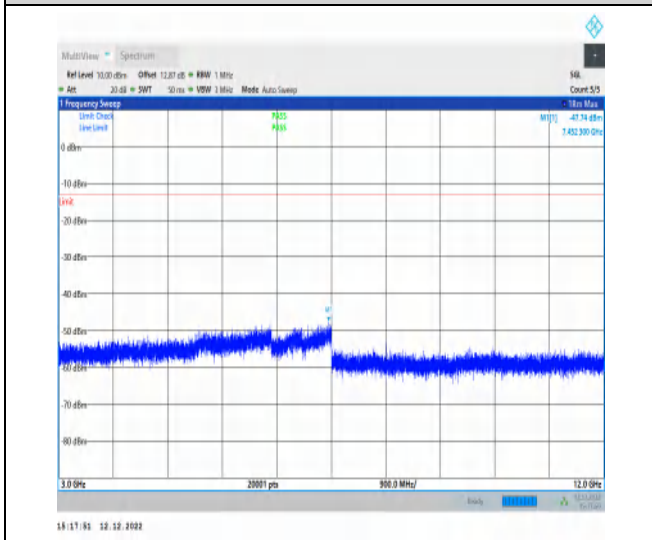
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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) 83071443, 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号厂房南都 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



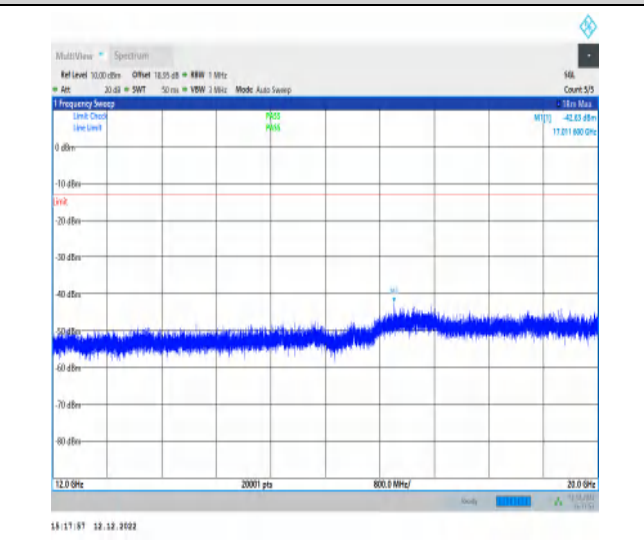
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-30-1000-Ant1-30.49--59.36--23-PASS



1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1-2756.50--44.86--13-PASS



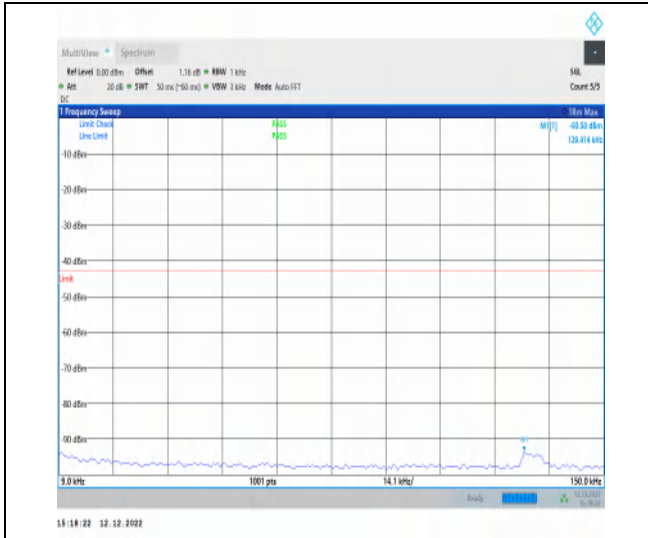
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-3000-12000-Ant1-7452.30--47.74--13-PASS



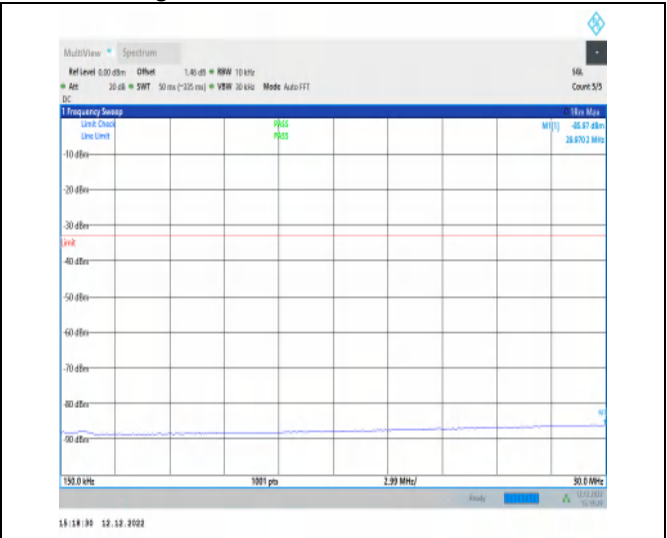
1-N2-PC3-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-17011.60--42.63--13-PASS



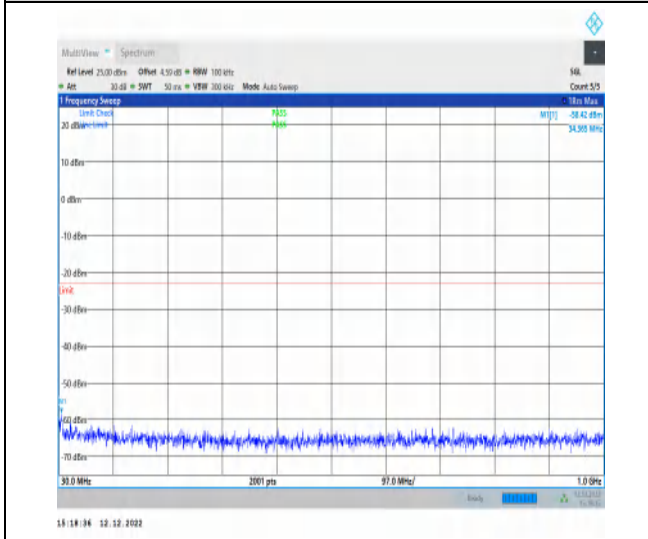




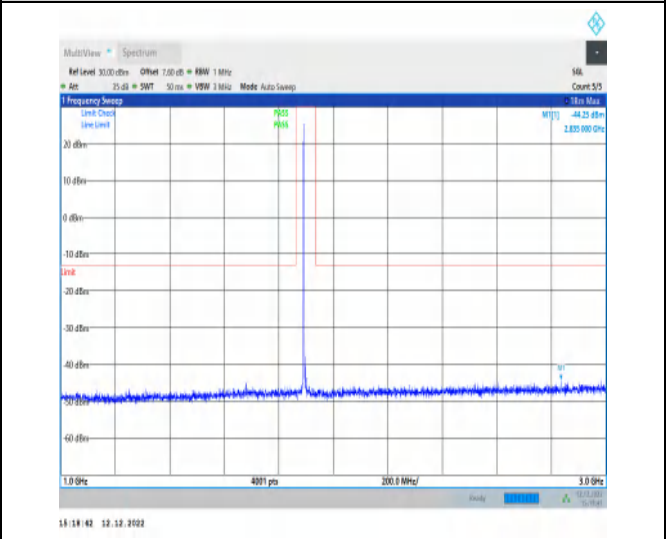
1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-0.009-0.15-Ant1-0.13--93.50--43-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left- 1@1-0.15-30-Ant1-29.97--85.97--33-PASS



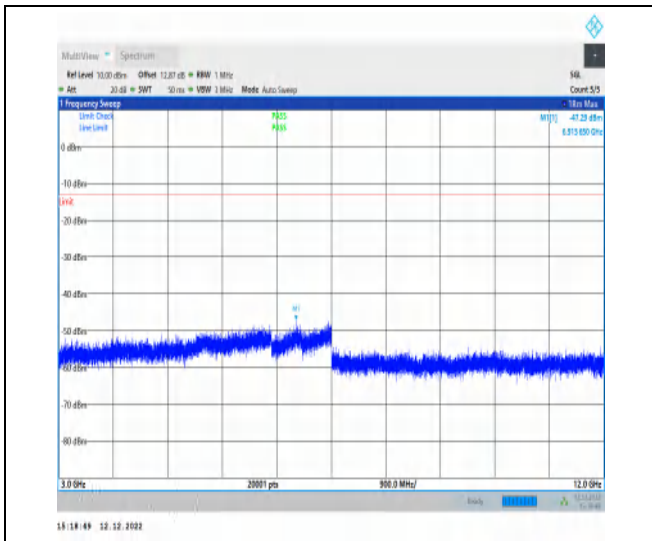
1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef t-1@1-30-1000-Ant1-34.37--58.42--23-PASS



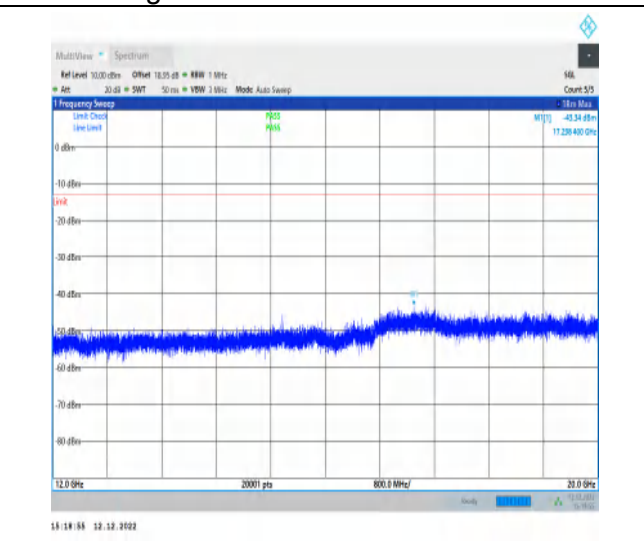
1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left- 1@1-1000-3000-Ant1-2835.00--44.25--13-PASS



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 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6号厂房南都 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Lef-t-1@1-3000-12000-Ant1-6913.65--47.29--13-PASS



1-N2-PC3-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-12000-20000-Ant1-17298.40--43.34--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) 83071443, 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6号厂房南都 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

## Field Strength of Spurious Radiation

Test Band = SA Band 2 ANT 0\_TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	55.38	-45.70	29.88	-55.69	-13.00	42.69	215	33	Horizontal
2	5551.5	43.22	-43.87	32.76	-63.15	-13.00	50.15	341	3	Horizontal
3	7401.75	48.20	-41.97	36.44	-52.59	-13.00	39.59	309	3	Horizontal
4	9255.45	34.15	-38.39	38.57	-60.93	-13.00	47.93	158	117	Horizontal
5	11106.54	31.81	-35.35	39.49	-59.31	-13.00	46.31	263	81	Horizontal
6	12957.63	33.21	-34.89	39.56	-57.39	-13.00	44.39	189	81	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	53.78	-45.70	29.88	-57.29	-13.00	44.29	204	47	Vertical
2	7402.5	50.90	-41.97	36.44	-49.89	-13.00	36.89	169	130	Vertical
3	5553.27	41.59	-43.87	32.77	-64.77	-13.00	51.77	236	80	Vertical
4	9255.45	33.67	-38.39	38.57	-61.41	-13.00	48.41	287	213	Vertical
5	11106.54	31.92	-35.35	39.49	-59.20	-13.00	46.20	309	282	Vertical
6	12957.63	33.56	-34.89	39.56	-57.04	-13.00	44.04	171	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 Band = SA Band 2 ANT 0\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	50.49	-45.59	29.98	-60.38	-13.00	47.38	238	29	Horizontal
2	5567.25	43.11	-43.87	32.82	-63.20	-13.00	50.20	164	196	Horizontal
3	7482	47.92	-41.67	36.49	-52.52	-13.00	39.52	298	360	Horizontal
4	9355.45	34.32	-38.26	38.56	-60.64	-13.00	47.64	362	327	Horizontal
5	11226.54	31.86	-35.07	39.37	-59.09	-13.00	46.09	147	113	Horizontal
6	13097.63	32.55	-34.47	39.66	-57.52	-13.00	44.52	226	279	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	50.01	-45.59	29.98	-60.86	-13.00	47.86	231	46	Vertical
2	7482	49.38	-41.67	36.49	-51.06	-13.00	38.06	285	130	Vertical
3	5613.27	41.19	-43.84	32.96	-64.95	-13.00	51.95	171	197	Vertical
4	9355.45	34.66	-38.26	38.56	-60.30	-13.00	47.30	244	96	Vertical
5	11226.54	31.58	-35.07	39.37	-59.37	-13.00	46.37	365	96	Vertical
6	13097.63	32.12	-34.47	39.66	-57.95	-13.00	44.95	135	359	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) 83071443, 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 Band = SA Band 2 ANT 0\_TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3780.75	49.69	-45.48	30.07	-60.98	-13.00	47.98	214	32	Horizontal
2	5671.5	44.44	-43.77	33.15	-61.45	-13.00	48.45	338	16	Horizontal
3	7562.25	46.15	-41.39	36.62	-53.87	-13.00	40.87	258	360	Horizontal
4	9455.45	35.41	-38.15	38.55	-59.45	-13.00	46.45	171	296	Horizontal
5	11346.54	32.16	-35.43	39.25	-59.28	-13.00	46.28	134	199	Horizontal
6	13237.63	31.48	-34.98	39.74	-59.01	-13.00	46.01	229	353	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3780.75	48.39	-45.48	30.07	-62.28	-13.00	49.28	198	46	Vertical
2	5671.5	43.30	-43.77	33.15	-62.59	-13.00	49.59	226	14	Vertical
3	7562.25	49.38	-41.39	36.62	-50.64	-13.00	37.64	314	131	Vertical
4	9455.45	35.14	-38.15	38.55	-59.72	-13.00	46.72	187	212	Vertical
5	11346.54	31.98	-35.43	39.25	-59.46	-13.00	46.46	224	279	Vertical
6	13237.63	32.21	-34.98	39.74	-58.28	-13.00	45.28	163	63	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) 83071443, 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 Band = ENDC B5A\_n2A\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	50.91	-45.70	29.88	-60.16	-13.00	47.16	256	345	Horizontal
2	7401.75	46.50	-41.97	36.44	-54.29	-13.00	41.29	198	83	Horizontal
3	5553.27	40.62	-43.87	32.77	-65.74	-13.00	52.74	211	0	Horizontal
4	9255.45	33.70	-38.39	38.57	-61.38	-13.00	48.38	306	163	Horizontal
5	11106.54	30.99	-35.35	39.49	-60.13	-13.00	47.13	348	228	Horizontal
6	12957.63	33.16	-34.89	39.56	-57.44	-13.00	44.44	161	163	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3701.25	50.79	-45.70	29.88	-60.28	-13.00	47.28	314	264	Vertical
2	7401.75	50.49	-41.97	36.44	-50.30	-13.00	37.30	269	127	Vertical
3	5553.27	40.37	-43.87	32.77	-65.99	-13.00	52.99	186	6	Vertical
4	9255.45	33.20	-38.39	38.57	-61.88	-13.00	48.88	253	247	Vertical
5	11106.54	30.79	-35.35	39.49	-60.33	-13.00	47.33	226	197	Vertical
6	12957.63	32.64	-34.89	39.56	-57.96	-13.00	44.96	147	0	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) 83071443, 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.: SEWM2212000297RG02

Rev.: 01

Page: 61 of 68

Test Band = ENDC B5A\_n2A\_TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	50.26	-45.59	29.98	-60.61	-13.00	47.61	253	28	Horizontal
2	7482	45.13	-41.67	36.49	-55.31	-13.00	42.31	177	327	Horizontal
3	5613.27	40.69	-43.84	32.96	-65.45	-13.00	52.45	239	45	Horizontal
4	9355.45	34.05	-38.26	38.56	-60.91	-13.00	47.91	289	6	Horizontal
5	11226.54	32.11	-35.07	39.37	-58.84	-13.00	45.84	322	2	Horizontal
6	13097.63	32.11	-34.47	39.66	-57.96	-13.00	44.96	301	344	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	47.88	-45.59	29.98	-62.99	-13.00	49.99	161	44	Vertical
2	7482	47.56	-41.67	36.49	-52.88	-13.00	39.88	194	77	Vertical
3	5613.27	40.67	-43.84	32.96	-65.47	-13.00	52.47	254	310	Vertical
4	9355.45	34.45	-38.26	38.56	-60.51	-13.00	47.51	293	357	Vertical
5	11226.54	31.62	-35.07	39.37	-59.33	-13.00	46.33	336	260	Vertical
6	13097.63	31.84	-34.47	39.66	-58.23	-13.00	45.23	305	60	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) 83071443, 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 Band = ENDC B5A\_n2A\_ TM1**

**Test Channel = High**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3780.75	47.46	-45.48	30.07	-63.21	-13.00	50.21	125	30	Horizontal
2	5671.5	43.19	-43.77	33.15	-62.70	-13.00	49.70	233	15	Horizontal
3	7562.25	44.51	-41.39	36.62	-55.51	-13.00	42.51	247	327	Horizontal
4	9455.45	35.61	-38.15	38.55	-59.25	-13.00	46.25	196	227	Horizontal
5	11346.54	31.54	-35.43	39.25	-59.90	-13.00	46.90	305	30	Horizontal
6	13237.63	32.69	-34.98	39.74	-57.80	-13.00	44.80	214	2	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3781.5	45.78	-45.48	30.08	-64.88	-13.00	51.88	299	261	Vertical
2	7562.25	45.86	-41.39	36.62	-54.16	-13.00	41.16	251	144	Vertical
3	5673.27	40.63	-43.77	33.16	-65.25	-13.00	52.25	206	1	Vertical
4	9455.45	35.97	-38.15	38.55	-58.89	-13.00	45.89	308	278	Vertical
5	11346.54	32.08	-35.43	39.25	-59.36	-13.00	46.36	352	62	Vertical
6	13237.63	31.69	-34.98	39.74	-58.80	-13.00	45.80	274	161	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) 83071443, 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 Band = n2A\_n77A 3450M-3550M\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	49.33	-45.59	29.98	-61.54	-13.00	48.54	185	19	Horizontal
2	7482	46.61	-41.67	36.49	-53.83	-13.00	40.83	296	327	Horizontal
3	5553.27	39.94	-43.87	32.77	-66.42	-13.00	53.42	265	164	Horizontal
4	9255.45	33.69	-38.39	38.57	-61.39	-13.00	48.39	241	164	Horizontal
5	11106.54	31.62	-35.35	39.49	-59.50	-13.00	46.50	142	0	Horizontal
6	12957.63	33.33	-34.89	39.56	-57.27	-13.00	44.27	263	181	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	46.48	-45.59	29.98	-64.39	-13.00	51.39	296	47	Vertical
2	7482	49.69	-41.67	36.49	-50.75	-13.00	37.75	265	130	Vertical
3	5553.27	39.97	-43.87	32.77	-66.39	-13.00	53.39	284	1	Vertical
4	9255.45	33.11	-38.39	38.57	-61.97	-13.00	48.97	174	64	Vertical
5	11106.54	31.89	-35.35	39.49	-59.23	-13.00	46.23	142	180	Vertical
6	12957.63	33.02	-34.89	39.56	-57.58	-13.00	44.58	255	357	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) 83071443, 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 Band = n2A\_n77A 3700M-3980M\_ TM1

Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.16	-45.59	29.98	-69.70	-13.00	56.70	296	357	Horizontal
2	5613.27	40.57	-43.84	32.96	-65.57	-13.00	52.57	265	32	Horizontal
3	7484.36	38.33	-41.66	36.49	-62.10	-13.00	49.10	284	7	Horizontal
4	9355.45	35.18	-38.26	38.56	-59.78	-13.00	46.78	142	115	Horizontal
5	11226.54	31.83	-35.07	39.37	-59.12	-13.00	46.12	255	213	Horizontal
6	13097.63	32.28	-34.47	39.66	-57.79	-13.00	44.79	286	16	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	41.73	-45.59	29.98	-69.13	-13.00	56.13	196	228	Vertical
2	5613.27	40.89	-43.84	32.96	-65.25	-13.00	52.25	265	98	Vertical
3	7484.36	38.58	-41.66	36.49	-61.85	-13.00	48.85	241	148	Vertical
4	9355.45	33.77	-38.26	38.56	-61.19	-13.00	48.19	185	6	Vertical
5	11226.54	32.23	-35.07	39.37	-58.72	-13.00	45.72	255	114	Vertical
6	13097.63	31.78	-34.47	39.66	-58.29	-13.00	45.29	263	312	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) 83071443, 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 Band = n2A\_n77A 3700M-3980M\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	40.95	-45.48	30.08	-69.71	-13.00	56.71	296	47	Horizontal
2	5673.27	40.74	-43.77	33.16	-65.14	-13.00	52.14	265	80	Horizontal
3	7564.36	36.60	-41.38	36.63	-63.41	-13.00	50.41	284	63	Horizontal
4	9455.45	35.51	-38.15	38.55	-59.35	-13.00	46.35	142	180	Horizontal
5	11346.54	31.85	-35.43	39.25	-59.59	-13.00	46.59	255	180	Horizontal
6	13237.63	31.52	-34.98	39.74	-58.97	-13.00	45.97	286	213	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	41.46	-45.48	30.08	-69.20	-13.00	56.20	296	148	Vertical
2	5673.27	40.56	-43.77	33.16	-65.32	-13.00	52.32	254	278	Vertical
3	7564.36	36.54	-41.38	36.63	-63.47	-13.00	50.47	145	213	Vertical
4	9455.45	36.43	-38.15	38.55	-58.43	-13.00	45.43	266	0	Vertical
5	11346.54	30.88	-35.43	39.25	-60.56	-13.00	47.56	287	228	Vertical
6	13237.63	31.79	-34.98	39.74	-58.70	-13.00	45.70	176	357	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) 83071443, 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 Band = n2A\_n77A 3700M-3980M\_ TM1

Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	41.91	-45.48	30.08	-68.75	-13.00	55.75	296	0	Horizontal
2	5673.27	40.66	-43.77	33.16	-65.22	-13.00	52.22	265	227	Horizontal
3	7564.36	35.93	-41.38	36.63	-64.08	-13.00	51.08	241	357	Horizontal
4	9455.45	35.69	-38.15	38.55	-59.17	-13.00	46.17	185	344	Horizontal
5	11346.54	31.08	-35.43	39.25	-60.36	-13.00	47.36	263	41	Horizontal
6	13237.63	31.61	-34.98	39.74	-58.88	-13.00	45.88	201	58	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	41.24	-45.48	30.08	-69.42	-13.00	56.42	296	45	Vertical
2	5673.27	40.51	-43.77	33.16	-65.37	-13.00	52.37	265	245	Vertical
3	7564.36	37.11	-41.38	36.63	-62.90	-13.00	49.90	241	0	Vertical
4	9455.45	35.68	-38.15	38.55	-59.18	-13.00	46.18	155	344	Vertical
5	11346.54	31.56	-35.43	39.25	-59.88	-13.00	46.88	263	261	Vertical
6	13237.63	31.54	-34.98	39.74	-58.95	-13.00	45.95	224	14	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <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) 83071443, 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2212000297RG02

Rev.: 01

Page: 67 of 68

## 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
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.300000	-0.001755	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	1.000000	0.000532	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-0.300000	-0.000160	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VH	NT	1.600000	0.000851	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VN	NT	1.500000	0.000798	PASS
N2	15	20	CP-QPSK	M	Outer_Full	VL	NT	-2.600000	-0.001383	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) 83071443, 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

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-40	2.300000	0.001222	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	4.000000	0.002128	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-4.400000	-0.002340	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-1.200000	-0.000638	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-8.700000	-0.004628	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.500000	-0.001330	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.500000	-0.000798	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.400000	-0.002872	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.600000	-0.002447	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-1.600000	-0.000851	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	60	10.500000	0.005578	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	NV	75	5.900000	0.003134	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-40	4.800000	0.002550	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-30	1.900000	0.001011	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-20	2.000000	0.001064	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	-10	0.200000	0.000106	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	0	2.000000	0.001064	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	10	0.500000	0.000266	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	20	4.100000	0.002181	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	30	-3.100000	-0.001649	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	40	1.500000	0.000798	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	50	5.100000	0.002713	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	60	4.100000	0.002178	PASS
N2	15	20	CP-QPSK	M	Outer_Full	NV	75	2.300000	0.001222	PASS

---End of Attachment---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/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) 83071443, 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6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com