

Report No.: SEWM2311000473RG02

Rev.: 01

Page: 1 of 88

# Appendix B.26

## 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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

Member of the SGS Group (SGS SA)



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

### Test ResultAnt1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.72	24.45	33	PASS
N2	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.71	24.44	33	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	23.26	23.99	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	23.75	24.48	33	PASS
N2	15	5	DFT-QPSK	L	Inner_1RB_Right	23.71	24.44	33	PASS
N2	15	5	DFT-QPSK	L	Outer_Full	23.02	23.75	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	22.8	23.53	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Right	22.84	23.57	33	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	22.05	22.78	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Left	21.35	22.08	33	PASS
N2	15	5	DFT-64QAM	L	Inner_1RB_Right	21.37	22.1	33	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	21.29	22.02	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Left	19.36	20.09	33	PASS
N2	15	5	DFT-256QAM	L	Inner_1RB_Right	19.47	20.2	33	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	19.53	20.26	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.88	24.61	33	PASS
N2	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.85	24.58	33	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	23.34	24.07	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	23.9	24.63	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Right	23.92	24.65	33	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	23.17	23.9	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	22.97	23.7	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Right	22.95	23.68	33	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	22.09	22.82	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Left	21.62	22.35	33	PASS
N2	15	5	DFT-64QAM	M	Inner_1RB_Right	21.6	22.33	33	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	21.52	22.25	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Left	19.7	20.43	33	PASS
N2	15	5	DFT-256QAM	M	Inner_1RB_Right	19.72	20.45	33	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	19.72	20.45	33	PASS
N2	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.77	24.5	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) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 3 of 88

Table with 10 columns: Test ID, Modulation, Bandwidth, Modulation, Error Rate, Test Method, SNR, BER, BER, Result. Rows include various DFT modulation types (PI2BPSK, QPSK, 16QAM, 64QAM, 256QAM) and error rates (H, L, M) across different test methods (Inner\_1RB\_Left, Inner\_1RB\_Right, Outer\_Full).



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

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

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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 4 of 88

Table with 10 columns: Item No., Lot No., Sample No., Modulation, Modulation Type, Test Method, Mean, Min, Max, Result. Contains 40 rows of test data for various modulation schemes like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... 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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 5 of 88

N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.85	24.58	33	PASS
N2	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.82	24.55	33	PASS
N2	15	15	DFT-PI2BPSK	M	Outer_Full	23.45	24.18	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	23.81	24.54	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Right	23.85	24.58	33	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	23.24	23.97	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	22.89	23.62	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Right	23.09	23.82	33	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	22.13	22.86	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Left	21.53	22.26	33	PASS
N2	15	15	DFT-64QAM	M	Inner_1RB_Right	21.37	22.1	33	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	21.7	22.43	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Left	19.55	20.28	33	PASS
N2	15	15	DFT-256QAM	M	Inner_1RB_Right	19.47	20.2	33	PASS
N2	15	15	DFT-256QAM	M	Outer_Full	19.46	20.19	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.69	24.42	33	PASS
N2	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.67	24.4	33	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	23.25	23.98	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	23.86	24.59	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Right	23.72	24.45	33	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	23	23.73	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	22.85	23.58	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Right	22.97	23.7	33	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	21.95	22.68	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Left	21.42	22.15	33	PASS
N2	15	15	DFT-64QAM	H	Inner_1RB_Right	21.31	22.04	33	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	21.58	22.31	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Left	19.42	20.15	33	PASS
N2	15	15	DFT-256QAM	H	Inner_1RB_Right	19.51	20.24	33	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	19.29	20.02	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.76	24.49	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.85	24.58	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	23.25	23.98	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	23.78	24.51	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	23.83	24.56	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	23.09	23.82	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	22.85	23.58	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 exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 6 of 88

Table with 10 columns: Test ID, Frequency, Bandwidth, Modulation, Direction, Metric 1, Metric 2, Metric 3, Metric 4, Result. Rows include various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... 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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 7 of 88

N2	15	20	DFT-256QAM	H	Outer_Full	19.43	20.16	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) 8307 1443, or email: CN.Doccheck@sgs.com**

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

Member of the SGS Group (SGS SA)



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

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1 (dBm)	Power Ant7 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N2	15	5	DFT-QPSK	L	Inner_1RB_Left	20.70	20.84	23.78	24.51	33	PASS
N2	15	5	DFT-16QAM	L	Inner_1RB_Left	19.62	19.79	22.72	23.45	33	PASS
N2	15	5	DFT-QPSK	M	Inner_1RB_Left	20.89	20.84	23.88	24.61	33	PASS
N2	15	5	DFT-16QAM	M	Inner_1RB_Left	19.87	19.81	22.85	23.58	33	PASS
N2	15	5	DFT-QPSK	H	Inner_1RB_Left	20.69	20.79	23.75	24.48	33	PASS
N2	15	5	DFT-16QAM	H	Inner_1RB_Left	20.56	20.76	23.67	24.40	33	PASS
N2	15	10	DFT-QPSK	L	Inner_1RB_Left	20.52	20.69	23.62	24.35	33	PASS
N2	15	10	DFT-16QAM	L	Inner_1RB_Left	19.46	19.55	22.52	23.25	33	PASS
N2	15	10	DFT-QPSK	M	Inner_1RB_Left	20.55	20.89	23.73	24.46	33	PASS
N2	15	10	DFT-16QAM	M	Inner_1RB_Left	19.42	19.68	22.56	23.29	33	PASS
N2	15	10	DFT-QPSK	H	Inner_1RB_Left	20.82	21.07	23.96	24.69	33	PASS
N2	15	10	DFT-16QAM	H	Inner_1RB_Left	19.64	19.86	22.76	23.49	33	PASS
N2	15	15	DFT-QPSK	L	Inner_1RB_Left	20.71	20.84	23.79	24.52	33	PASS
N2	15	15	DFT-16QAM	L	Inner_1RB_Left	19.62	19.79	22.72	23.45	33	PASS
N2	15	15	DFT-QPSK	M	Inner_1RB_Left	21.00	20.96	23.99	24.72	33	PASS
N2	15	15	DFT-16QAM	M	Inner_1RB_Left	19.89	19.76	22.84	23.57	33	PASS
N2	15	15	DFT-QPSK	H	Inner_1RB_Left	20.78	21.15	23.98	24.71	33	PASS
N2	15	15	DFT-16QAM	H	Inner_1RB_Left	19.53	19.86	22.71	23.44	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	20.81	20.73	23.78	24.51	33	PASS
N2	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	20.95	21.01	23.99	24.72	33	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	19.83	20.00	22.93	23.66	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Left	20.76	20.87	23.83	24.56	33	PASS
N2	15	20	DFT-QPSK	L	Inner_1RB_Right	20.82	21.11	23.98	24.71	33	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	19.79	20.06	22.94	23.67	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Left	19.57	19.93	22.76	23.49	33	PASS
N2	15	20	DFT-16QAM	L	Inner_1RB_Right	19.68	19.80	22.75	23.48	33	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	18.83	18.99	21.92	22.65	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Left	18.40	18.35	21.39	22.12	33	PASS
N2	15	20	DFT-64QAM	L	Inner_1RB_Right	18.49	18.66	21.59	22.32	33	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	18.35	18.38	21.38	22.11	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) 8307 1443, or email: CN.Doccheck@sgs.com

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

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





Table with 12 columns: Test ID, Modulation, Bandwidth, Modulation, Coding Rate, Test Method, Mean, Min, Max, Std Dev, Pass/Fail. Rows include various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



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.

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

## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

### 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	8.96	≤13	PASS
N2	15	20	CP-256QAM	L	Outer_Full	100%	0.00	9.40	≤13	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	100%	0.00	8.96	≤13	PASS
N2	15	20	CP-256QAM	M	Outer_Full	100%	0.00	9.67	≤13	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	100%	0.00	8.87	≤13	PASS
N2	15	20	CP-256QAM	H	Outer_Full	100%	0.00	9.61	≤13	PASS



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

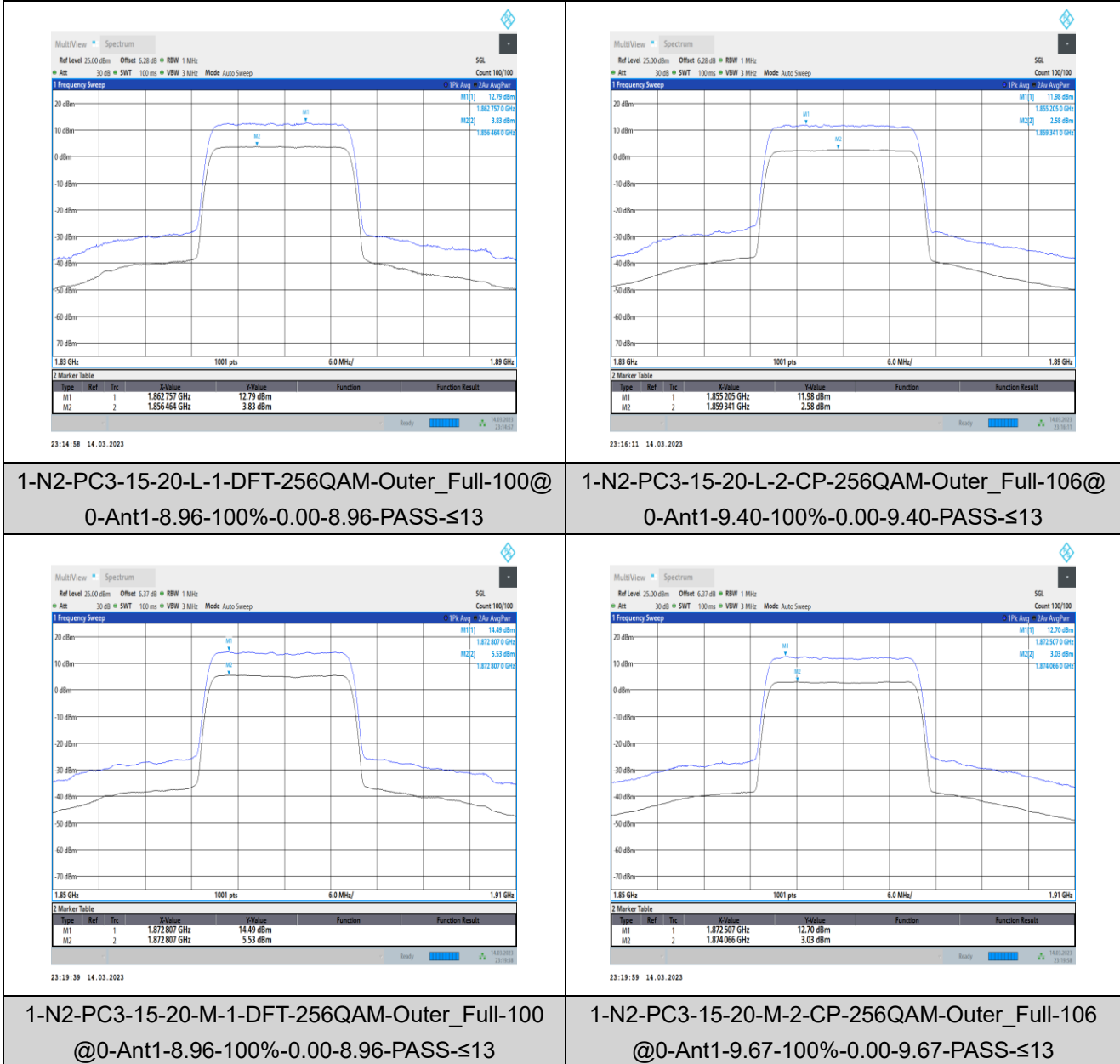
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

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

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

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

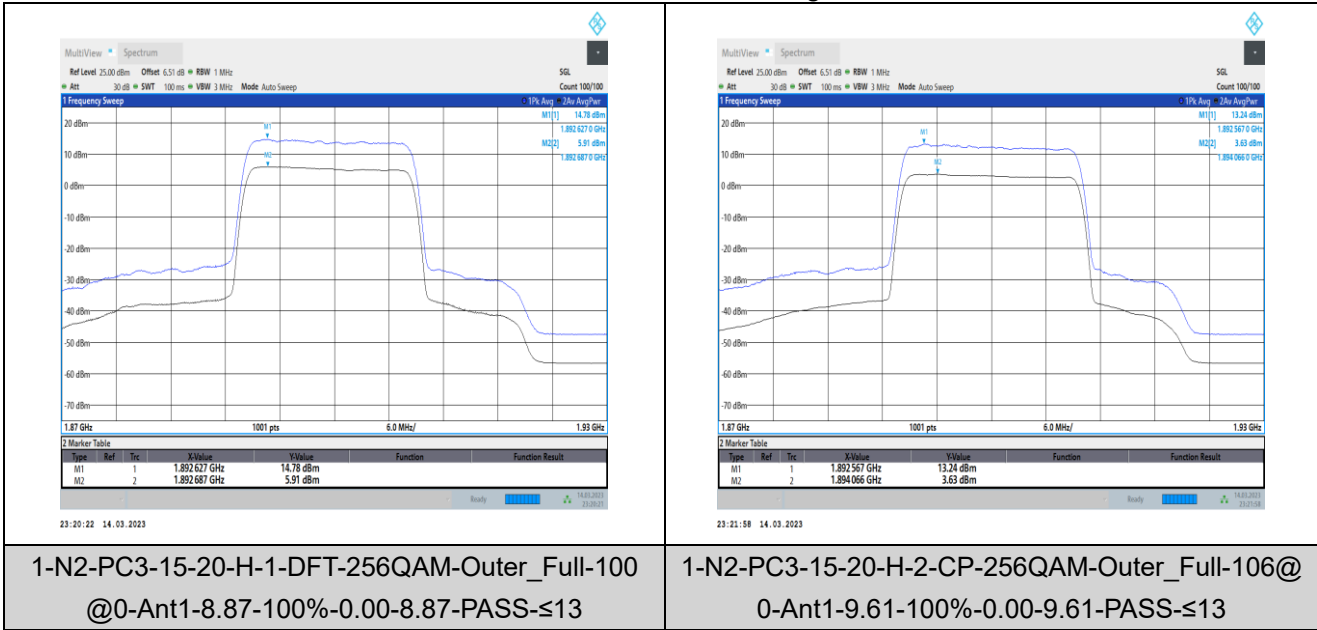
Test Graphs



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



1-N2-PC3-15-20-H-1-DFT-256QAM-Outer\_Full-100 @0-Ant1-8.87-100%-0.00-8.87-PASS-≤13

1-N2-PC3-15-20-H-2-CP-256QAM-Outer\_Full-106@ 0-Ant1-9.61-100%-0.00-9.61-PASS-≤13



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

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

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

## 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	4.45	4.770	PASS
N2	15	5	DFT-PI2BPSK	L	Outer_Full	4.452	4.850	PASS
N2	15	5	DFT-16QAM	L	Outer_Full	4.472	4.790	PASS
N2	15	5	DFT-64QAM	L	Outer_Full	4.466	4.810	PASS
N2	15	5	DFT-256QAM	L	Outer_Full	4.464	4.840	PASS
N2	15	5	CP-QPSK	L	Outer_Full	4.469	4.860	PASS
N2	15	5	CP-16QAM	L	Outer_Full	4.475	4.800	PASS
N2	15	5	CP-64QAM	L	Outer_Full	4.466	4.870	PASS
N2	15	5	CP-256QAM	L	Outer_Full	4.48	4.810	PASS
N2	15	5	DFT-QPSK	M	Outer_Full	4.468	4.810	PASS
N2	15	5	DFT-PI2BPSK	M	Outer_Full	4.454	4.790	PASS
N2	15	5	DFT-16QAM	M	Outer_Full	4.476	4.790	PASS
N2	15	5	DFT-64QAM	M	Outer_Full	4.484	4.830	PASS
N2	15	5	DFT-256QAM	M	Outer_Full	4.46	4.820	PASS
N2	15	5	CP-QPSK	M	Outer_Full	4.46	4.810	PASS
N2	15	5	CP-16QAM	M	Outer_Full	4.466	4.840	PASS
N2	15	5	CP-64QAM	M	Outer_Full	4.471	4.850	PASS
N2	15	5	CP-256QAM	M	Outer_Full	4.469	4.820	PASS
N2	15	5	DFT-QPSK	H	Outer_Full	4.458	4.830	PASS
N2	15	5	DFT-PI2BPSK	H	Outer_Full	4.465	4.840	PASS
N2	15	5	DFT-16QAM	H	Outer_Full	4.486	4.840	PASS
N2	15	5	DFT-64QAM	H	Outer_Full	4.48	4.840	PASS
N2	15	5	DFT-256QAM	H	Outer_Full	4.448	4.810	PASS
N2	15	5	CP-QPSK	H	Outer_Full	4.479	4.850	PASS
N2	15	5	CP-16QAM	H	Outer_Full	4.477	4.870	PASS
N2	15	5	CP-64QAM	H	Outer_Full	4.468	4.820	PASS
N2	15	5	CP-256QAM	H	Outer_Full	4.472	4.810	PASS
N2	15	10	DFT-QPSK	L	Outer_Full	8.937	9.440	PASS
N2	15	10	DFT-PI2BPSK	L	Outer_Full	8.927	9.400	PASS
N2	15	10	DFT-16QAM	L	Outer_Full	8.93	9.440	PASS



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

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

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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 14 of 88

N2	15	10	DFT-64QAM	L	Outer_Full	8.917	9.440	PASS
N2	15	10	DFT-256QAM	L	Outer_Full	8.929	9.420	PASS
N2	15	10	CP-QPSK	L	Outer_Full	9.278	9.760	PASS
N2	15	10	CP-16QAM	L	Outer_Full	9.276	9.840	PASS
N2	15	10	CP-64QAM	L	Outer_Full	9.301	9.760	PASS
N2	15	10	CP-256QAM	L	Outer_Full	9.284	9.760	PASS
N2	15	10	DFT-QPSK	M	Outer_Full	8.923	9.320	PASS
N2	15	10	DFT-Pi2BPSK	M	Outer_Full	8.938	9.380	PASS
N2	15	10	DFT-16QAM	M	Outer_Full	8.923	9.380	PASS
N2	15	10	DFT-64QAM	M	Outer_Full	8.918	9.480	PASS
N2	15	10	DFT-256QAM	M	Outer_Full	8.958	9.460	PASS
N2	15	10	CP-QPSK	M	Outer_Full	9.282	9.800	PASS
N2	15	10	CP-16QAM	M	Outer_Full	9.307	9.820	PASS
N2	15	10	CP-64QAM	M	Outer_Full	9.283	9.780	PASS
N2	15	10	CP-256QAM	M	Outer_Full	9.294	9.680	PASS
N2	15	10	DFT-QPSK	H	Outer_Full	8.954	9.440	PASS
N2	15	10	DFT-Pi2BPSK	H	Outer_Full	8.927	9.420	PASS
N2	15	10	DFT-16QAM	H	Outer_Full	8.901	9.380	PASS
N2	15	10	DFT-64QAM	H	Outer_Full	8.921	9.440	PASS
N2	15	10	DFT-256QAM	H	Outer_Full	8.93	9.420	PASS
N2	15	10	CP-QPSK	H	Outer_Full	9.281	9.780	PASS
N2	15	10	CP-16QAM	H	Outer_Full	9.306	9.800	PASS
N2	15	10	CP-64QAM	H	Outer_Full	9.3	9.720	PASS
N2	15	10	CP-256QAM	H	Outer_Full	9.309	9.760	PASS
N2	15	15	DFT-QPSK	L	Outer_Full	13.426	14.100	PASS
N2	15	15	DFT-Pi2BPSK	L	Outer_Full	13.417	14.040	PASS
N2	15	15	DFT-16QAM	L	Outer_Full	13.433	14.130	PASS
N2	15	15	DFT-64QAM	L	Outer_Full	13.415	14.040	PASS
N2	15	15	DFT-256QAM	L	Outer_Full	13.424	14.040	PASS
N2	15	15	CP-QPSK	L	Outer_Full	14.108	14.790	PASS
N2	15	15	CP-16QAM	L	Outer_Full	14.131	14.730	PASS
N2	15	15	CP-64QAM	L	Outer_Full	14.115	14.760	PASS
N2	15	15	CP-256QAM	L	Outer_Full	14.108	14.790	PASS
N2	15	15	DFT-QPSK	M	Outer_Full	13.449	14.070	PASS
N2	15	15	DFT-Pi2BPSK	M	Outer_Full	13.434	14.100	PASS
N2	15	15	DFT-16QAM	M	Outer_Full	13.424	14.130	PASS
N2	15	15	DFT-64QAM	M	Outer_Full	13.425	14.100	PASS



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

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

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

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

Member of the SGS Group (SGS SA)



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 15 of 88

N2	15	15	DFT-256QAM	M	Outer_Full	13.421	14.040	PASS
N2	15	15	CP-QPSK	M	Outer_Full	14.132	14.820	PASS
N2	15	15	CP-16QAM	M	Outer_Full	14.14	14.910	PASS
N2	15	15	CP-64QAM	M	Outer_Full	14.098	14.790	PASS
N2	15	15	CP-256QAM	M	Outer_Full	14.107	14.760	PASS
N2	15	15	DFT-QPSK	H	Outer_Full	13.45	14.160	PASS
N2	15	15	DFT-PI2BPSK	H	Outer_Full	13.406	14.040	PASS
N2	15	15	DFT-16QAM	H	Outer_Full	13.427	14.070	PASS
N2	15	15	DFT-64QAM	H	Outer_Full	13.417	14.130	PASS
N2	15	15	DFT-256QAM	H	Outer_Full	13.422	14.010	PASS
N2	15	15	CP-QPSK	H	Outer_Full	14.137	14.790	PASS
N2	15	15	CP-16QAM	H	Outer_Full	14.152	14.790	PASS
N2	15	15	CP-64QAM	H	Outer_Full	14.125	14.760	PASS
N2	15	15	CP-256QAM	H	Outer_Full	14.082	14.850	PASS
N2	15	20	DFT-QPSK	L	Outer_Full	17.889	18.640	PASS
N2	15	20	DFT-PI2BPSK	L	Outer_Full	17.864	18.720	PASS
N2	15	20	DFT-16QAM	L	Outer_Full	17.87	18.600	PASS
N2	15	20	DFT-64QAM	L	Outer_Full	17.87	18.600	PASS
N2	15	20	DFT-256QAM	L	Outer_Full	17.89	18.640	PASS
N2	15	20	CP-QPSK	L	Outer_Full	18.944	19.720	PASS
N2	15	20	CP-16QAM	L	Outer_Full	18.907	19.720	PASS
N2	15	20	CP-64QAM	L	Outer_Full	18.853	19.720	PASS
N2	15	20	CP-256QAM	L	Outer_Full	18.88	19.600	PASS
N2	15	20	DFT-QPSK	M	Outer_Full	17.932	18.560	PASS
N2	15	20	DFT-PI2BPSK	M	Outer_Full	17.892	18.720	PASS
N2	15	20	DFT-16QAM	M	Outer_Full	17.837	18.680	PASS
N2	15	20	DFT-64QAM	M	Outer_Full	17.886	18.680	PASS
N2	15	20	DFT-256QAM	M	Outer_Full	17.857	18.680	PASS
N2	15	20	CP-QPSK	M	Outer_Full	18.945	19.720	PASS
N2	15	20	CP-16QAM	M	Outer_Full	18.915	19.680	PASS
N2	15	20	CP-64QAM	M	Outer_Full	18.935	19.720	PASS
N2	15	20	CP-256QAM	M	Outer_Full	18.906	19.680	PASS
N2	15	20	DFT-QPSK	H	Outer_Full	17.905	18.600	PASS
N2	15	20	DFT-PI2BPSK	H	Outer_Full	17.885	18.640	PASS
N2	15	20	DFT-16QAM	H	Outer_Full	17.83	18.520	PASS
N2	15	20	DFT-64QAM	H	Outer_Full	17.88	18.560	PASS
N2	15	20	DFT-256QAM	H	Outer_Full	17.903	18.680	PASS



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

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

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



Report No.: SEWM2311000473RG02

Rev.: 01

Page: 16 of 88

N2	15	20	CP-QPSK	H	Outer_Full	18.897	19.760	PASS
N2	15	20	CP-16QAM	H	Outer_Full	18.924	19.680	PASS
N2	15	20	CP-64QAM	H	Outer_Full	18.892	19.680	PASS
N2	15	20	CP-256QAM	H	Outer_Full	18.885	19.680	PASS



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

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

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

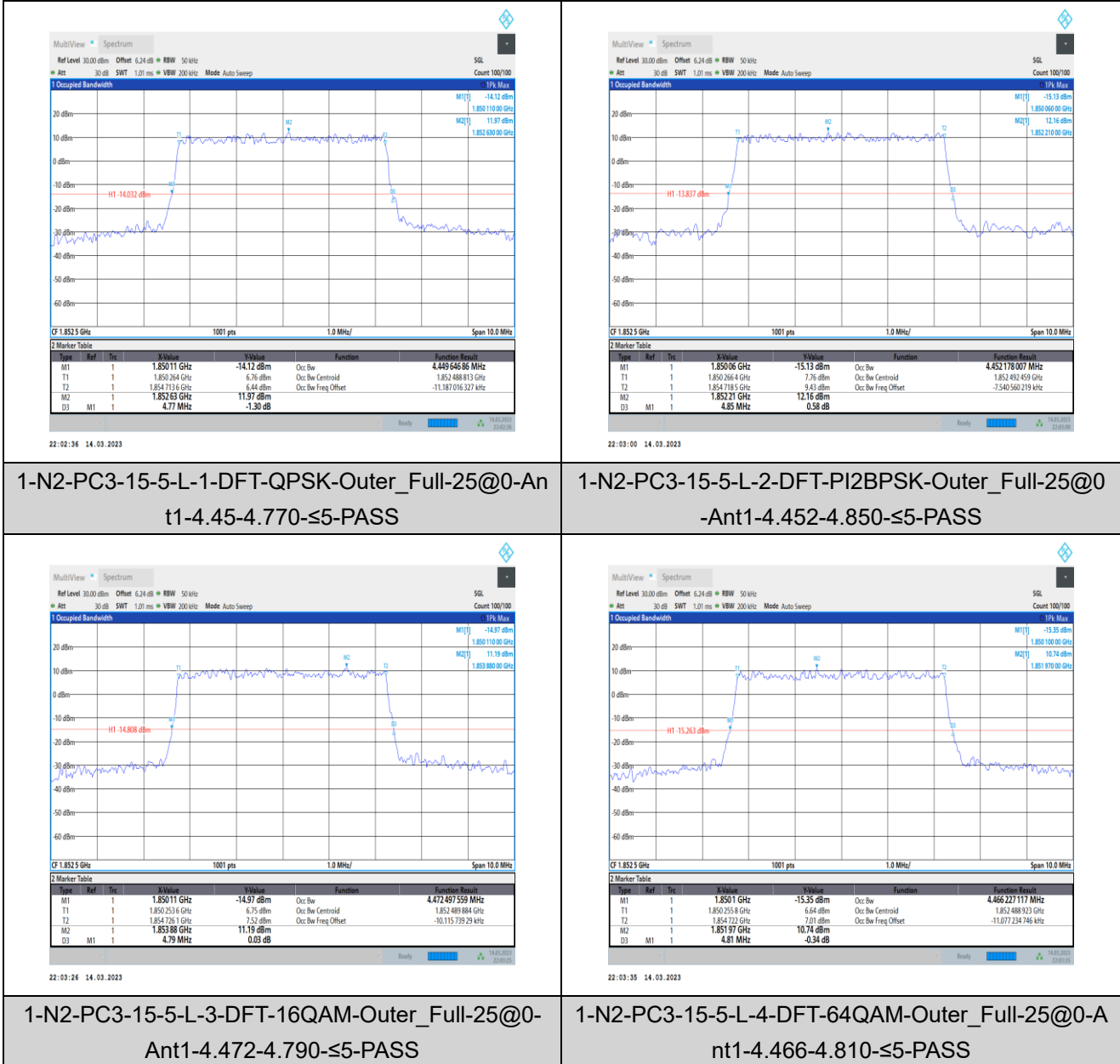
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

Member of the SGS Group (SGS SA)



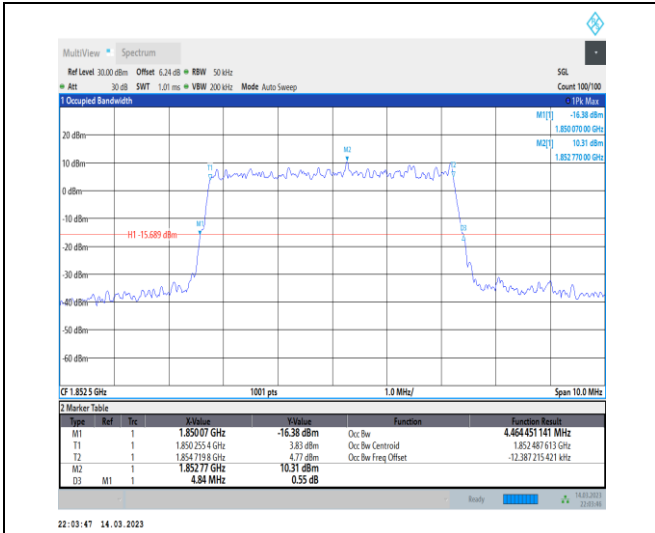
Test Graphs



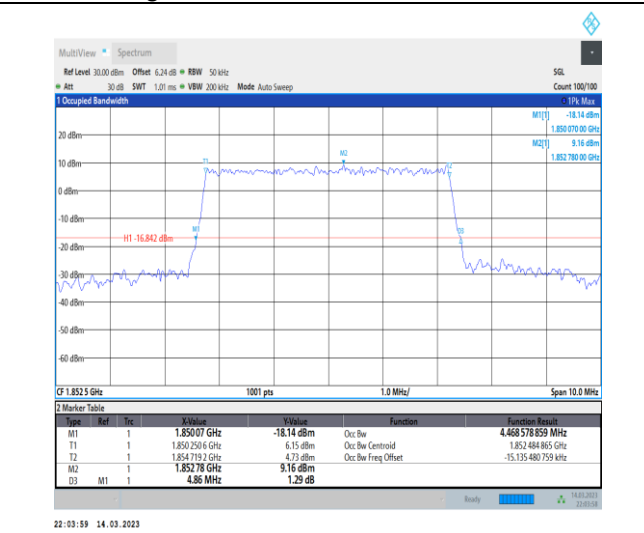
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

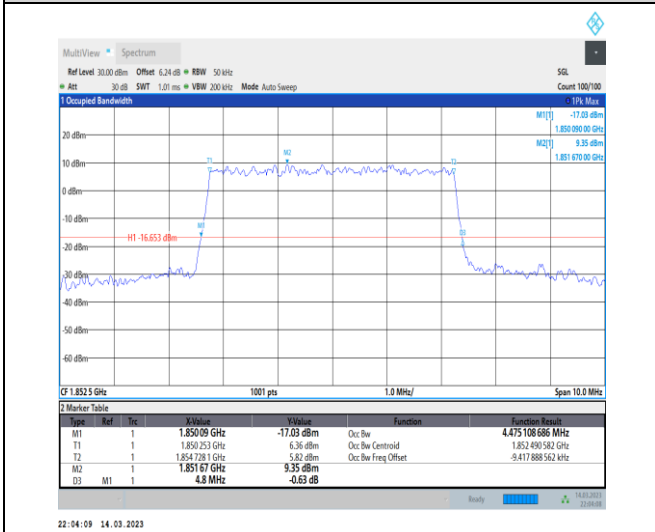
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



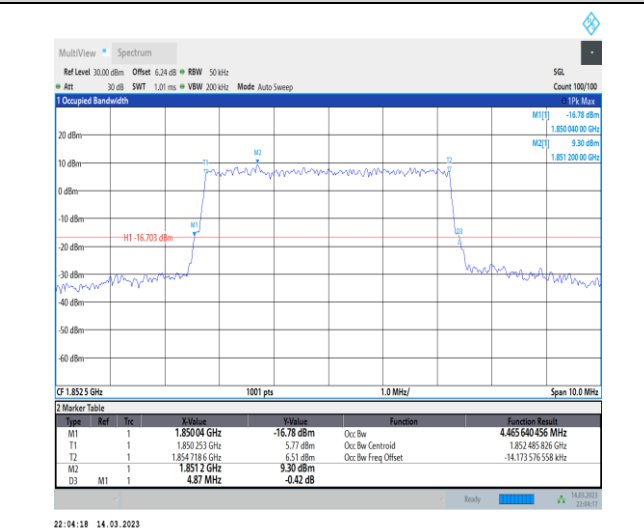
1-N2-PC3-15-5-L-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.464-4.840-≤5-PASS



1-N2-PC3-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant 1-4.469-4.860-≤5-PASS



1-N2-PC3-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.475-4.800-≤5-PASS



1-N2-PC3-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.466-4.870-≤5-PASS



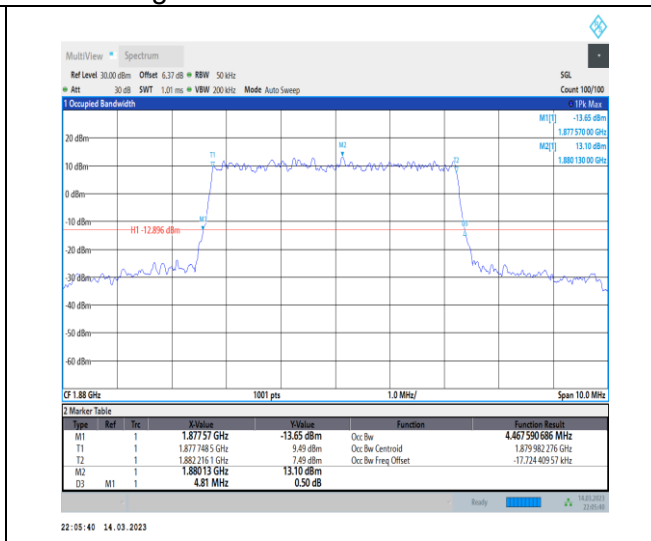
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

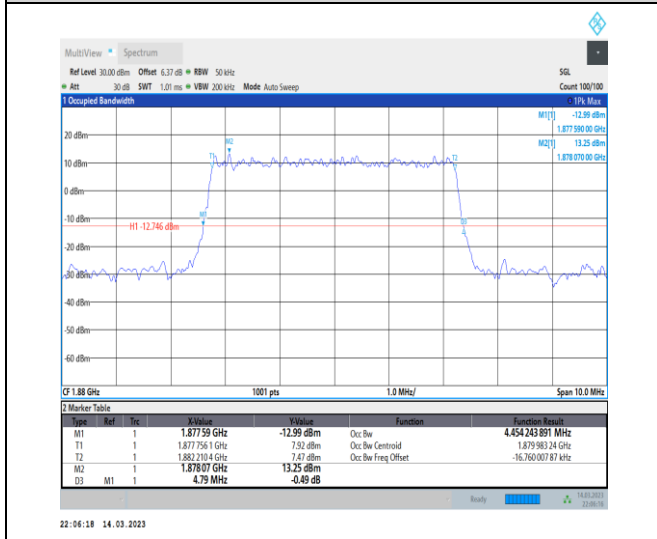
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



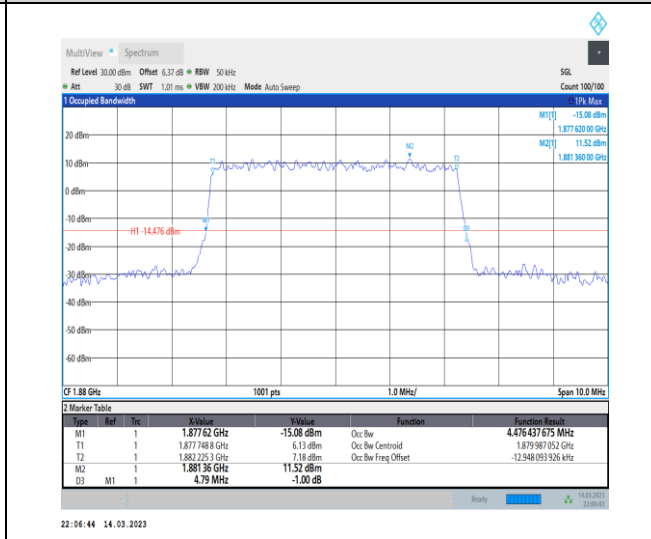
1-N2-PC3-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.48-4.810- $\leq 5$ -PASS



1-N2-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.468-4.810- $\leq 5$ -PASS



1-N2-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.454-4.790- $\leq 5$ -PASS



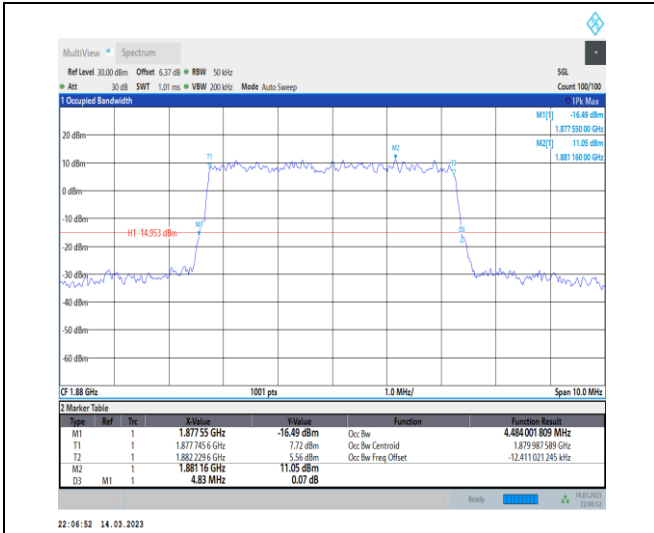
1-N2-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.476-4.790- $\leq 5$ -PASS



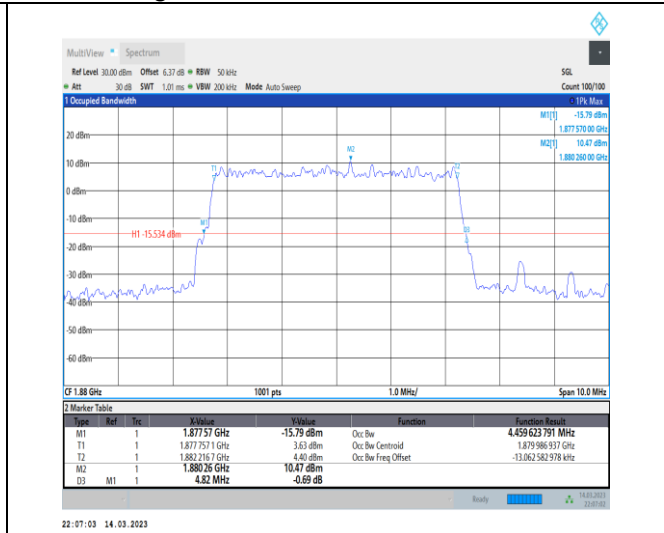
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

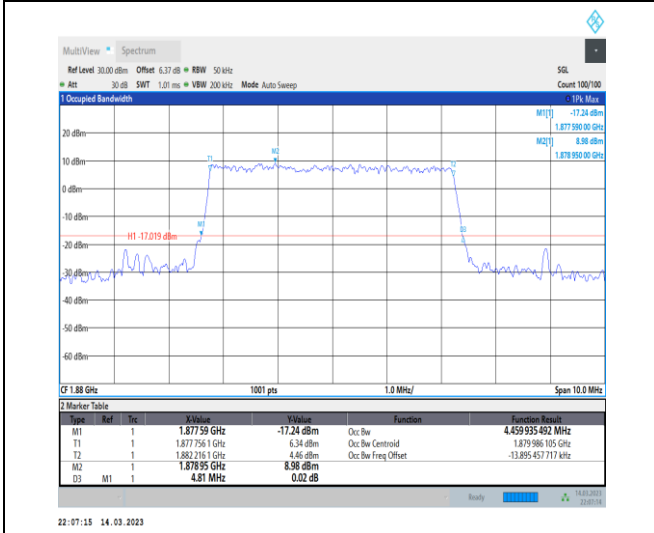
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



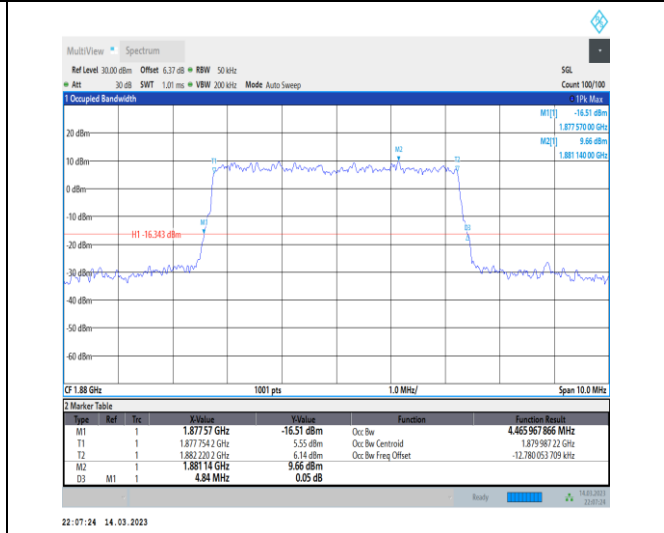
1-N2-PC3-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.484-4.830-≤5-PASS



1-N2-PC3-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.46-4.820-≤5-PASS



1-N2-PC3-15-5-M-6-CP-QPSK-Outer\_Full-25@0-An t1-4.46-4.810-≤5-PASS



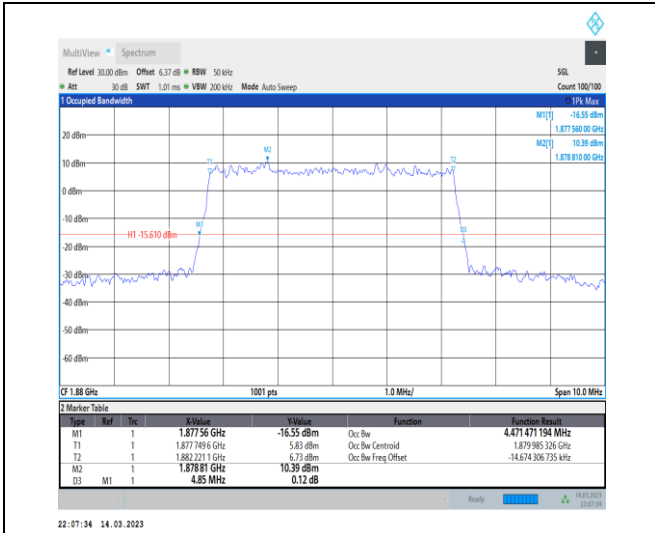
1-N2-PC3-15-5-M-7-CP-16QAM-Outer\_Full-25@0-A nt1-4.466-4.840-≤5-PASS



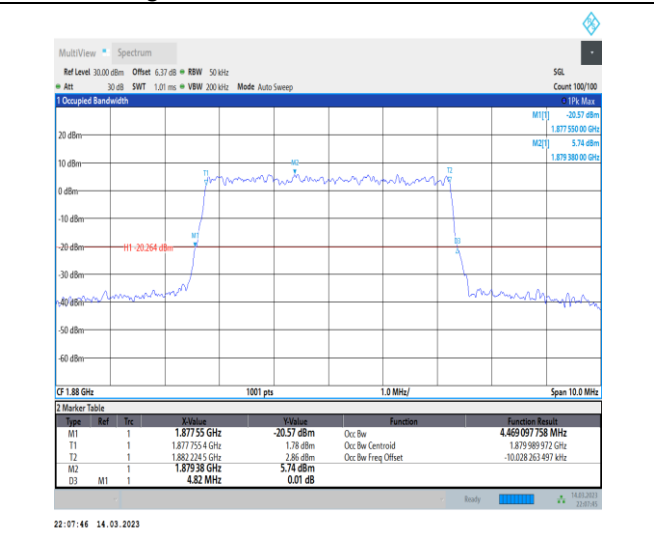
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

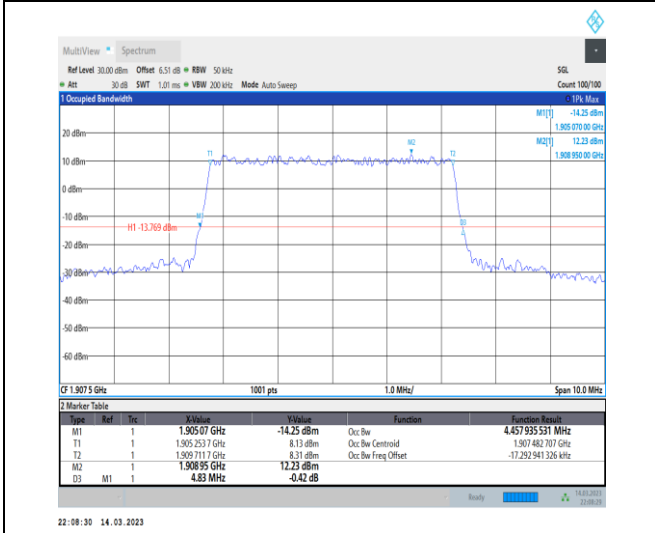
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



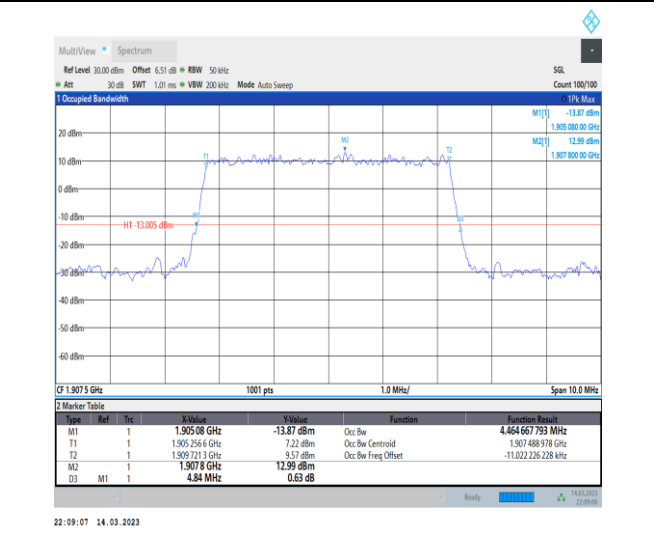
1-N2-PC3-15-5-M-8-CP-64QAM-Outer\_Full-25@0-A  
 nt1-4.471-4.850-≤5-PASS



1-N2-PC3-15-5-M-9-CP-256QAM-Outer\_Full-25@0-  
 Ant1-4.469-4.820-≤5-PASS



1-N2-PC3-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-A  
 nt1-4.458-4.830-≤5-PASS



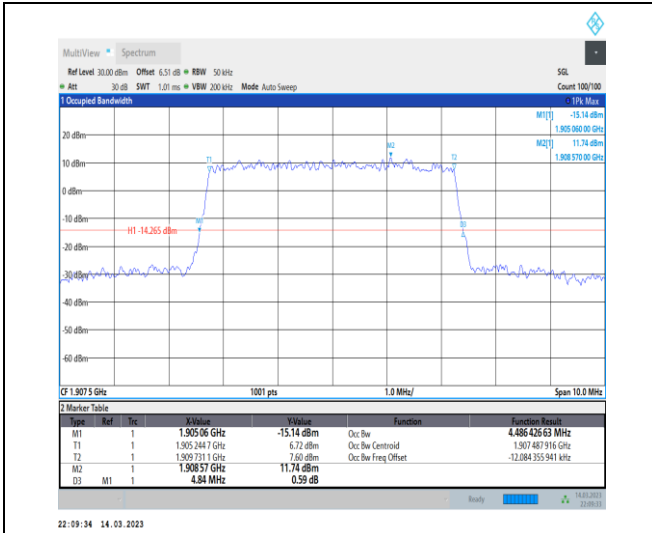
1-N2-PC3-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-  
 -Ant1-4.465-4.840-≤5-PASS



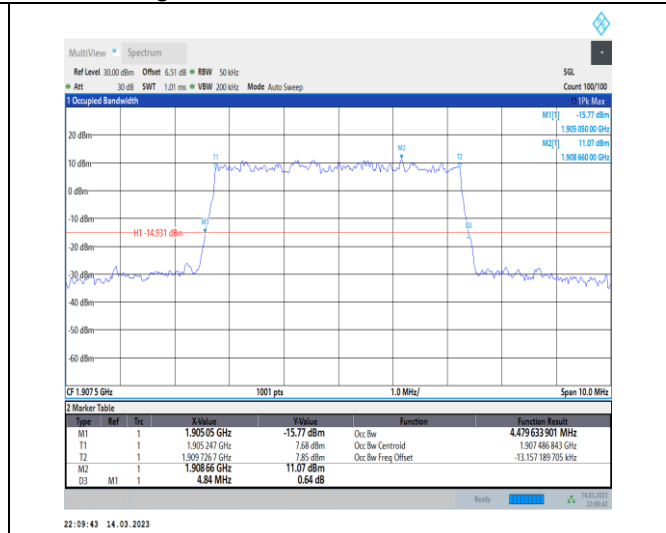
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

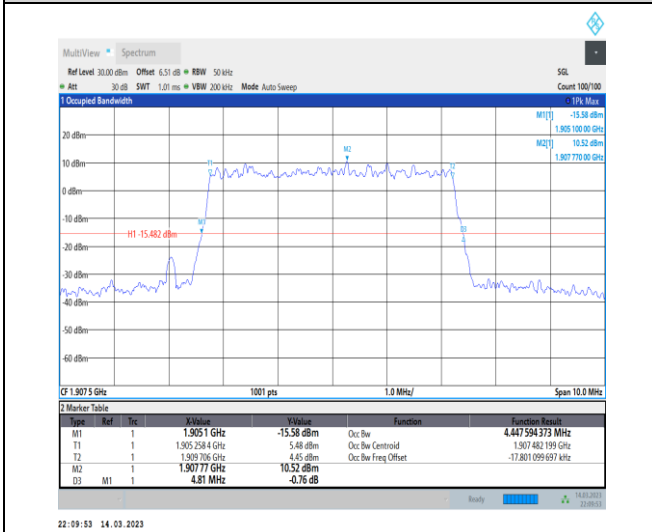
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



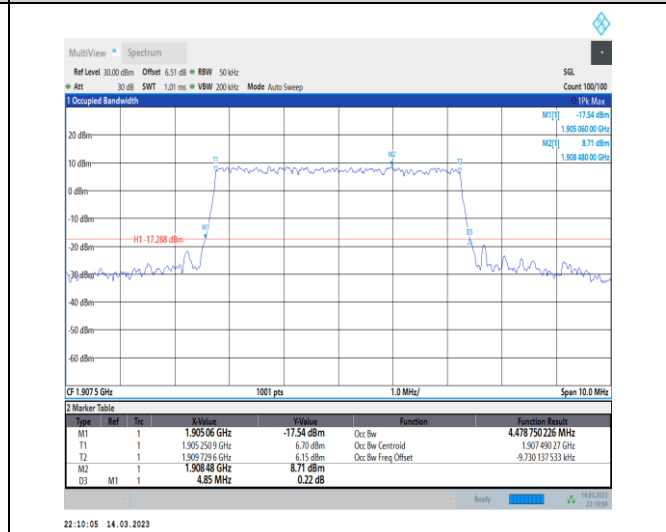
1-N2-PC3-15-5-H-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.486-4.840-≤5-PASS



1-N2-PC3-15-5-H-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.48-4.840-≤5-PASS



1-N2-PC3-15-5-H-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.448-4.810-≤5-PASS



1-N2-PC3-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.479-4.850-≤5-PASS



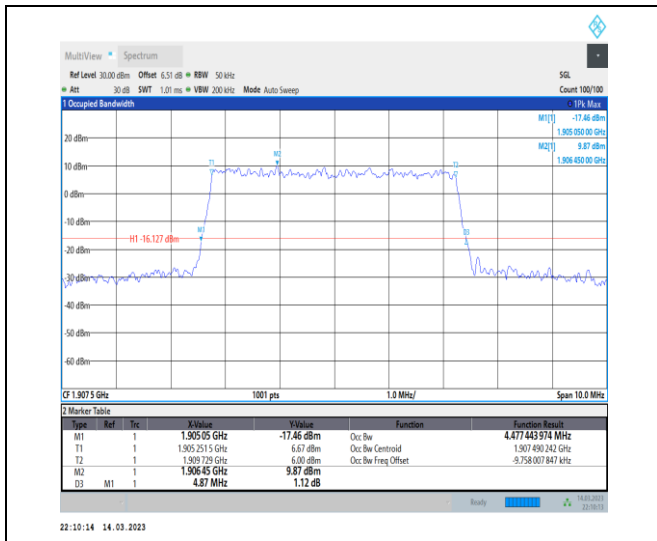
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

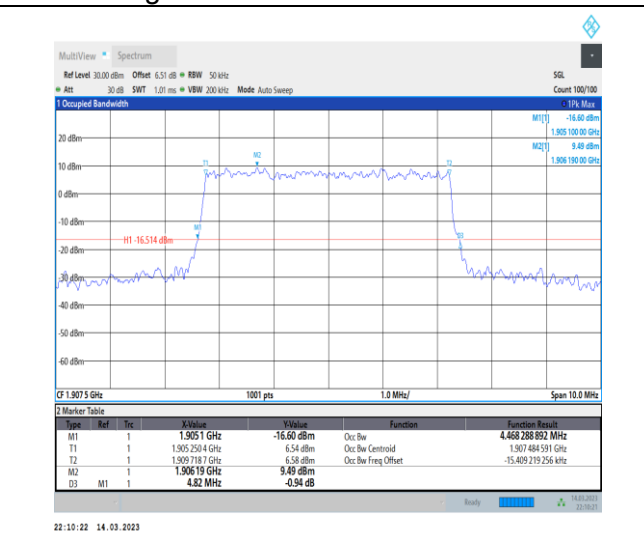
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

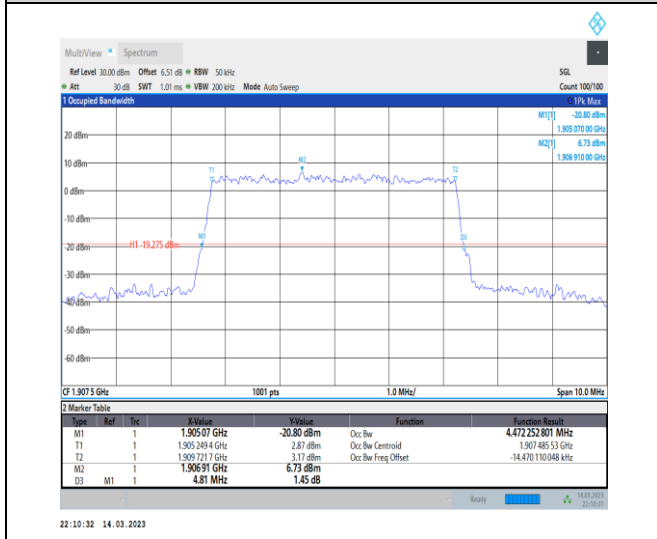
Member of the SGS Group (SGS SA)



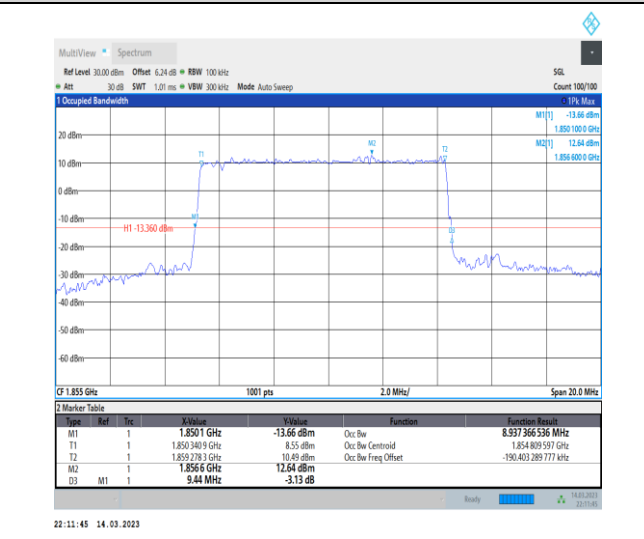
1-N2-PC3-15-5-H-7-CP-16QAM-Outer\_Full-25@0-A  
 nt1-4.477-4.870-≤5-PASS



1-N2-PC3-15-5-H-8-CP-64QAM-Outer\_Full-25@0-A  
 nt1-4.468-4.820-≤5-PASS



1-N2-PC3-15-5-H-9-CP-256QAM-Outer\_Full-25@0-A  
 Ant1-4.472-4.810-≤5-PASS



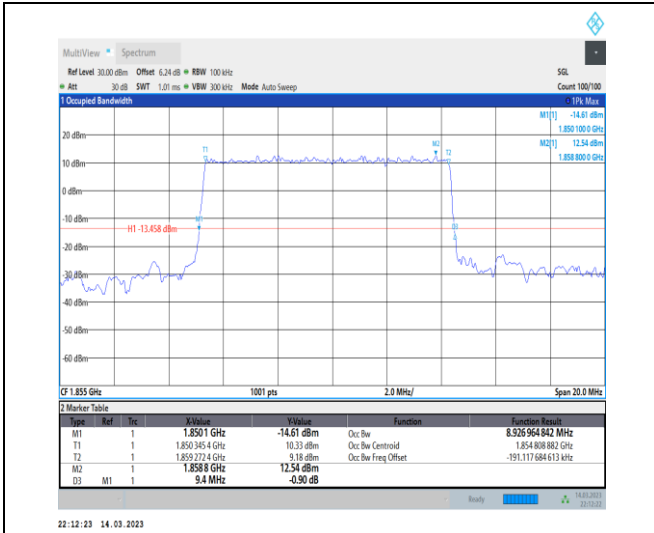
1-N2-PC3-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-A  
 nt1-8.937-9.440-≤10-PASS



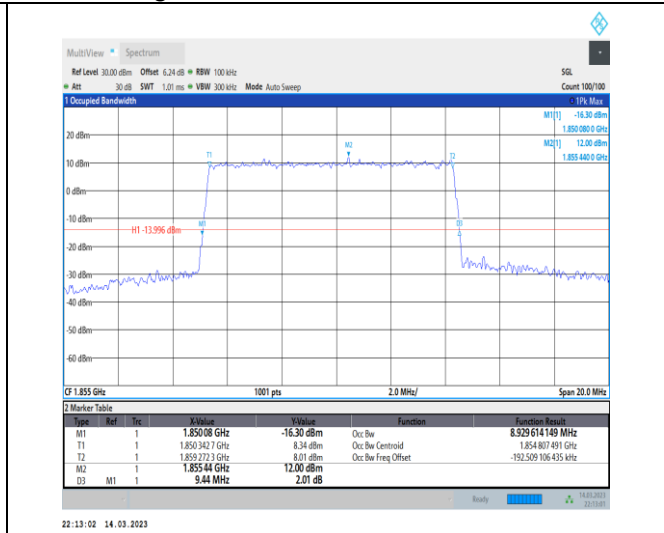
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

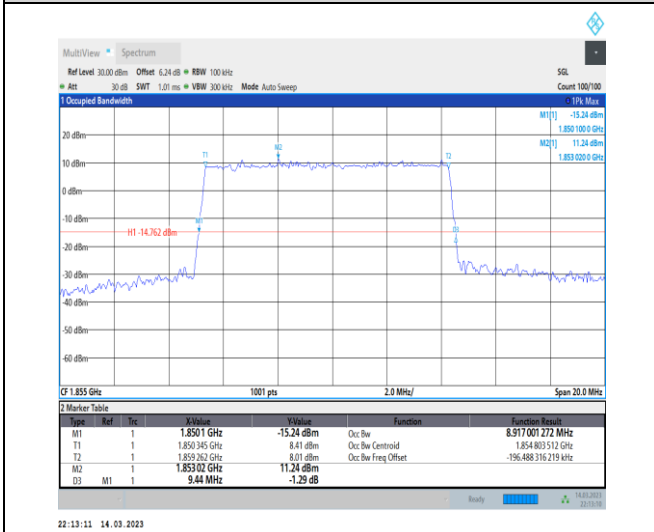
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



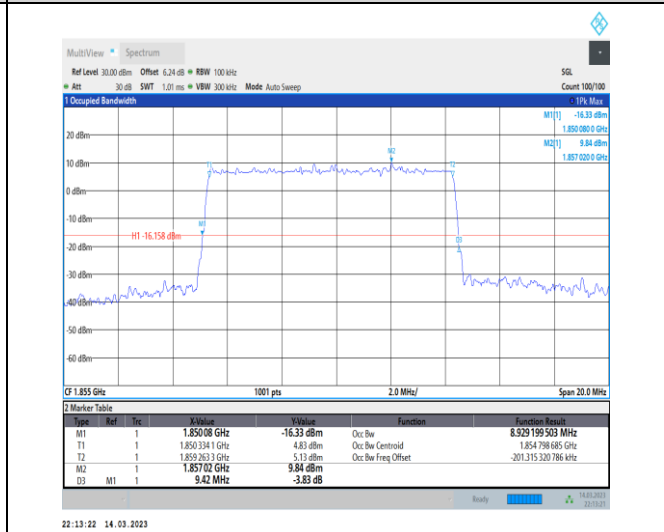
1-N2-PC3-15-10-L-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.927-9.400-≤10-PASS



1-N2-PC3-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.93-9.440-≤10-PASS



1-N2-PC3-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.917-9.440-≤10-PASS



1-N2-PC3-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.929-9.420-≤10-PASS

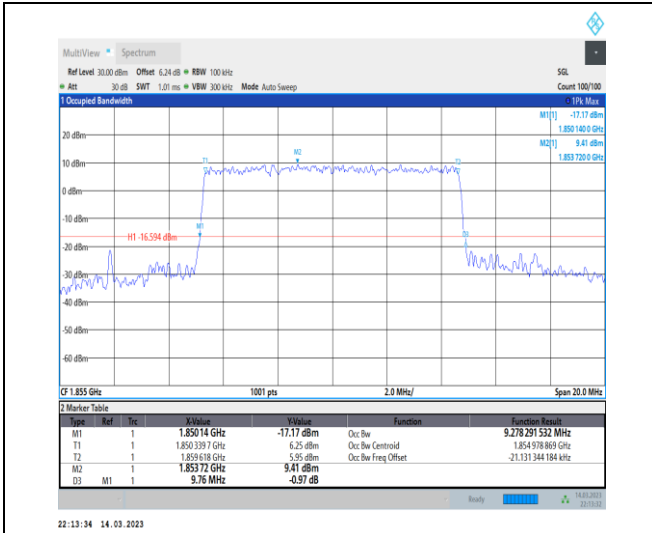


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

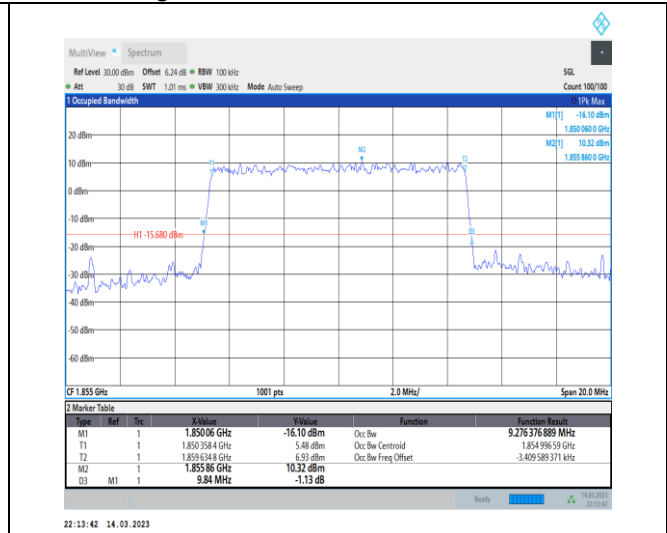
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

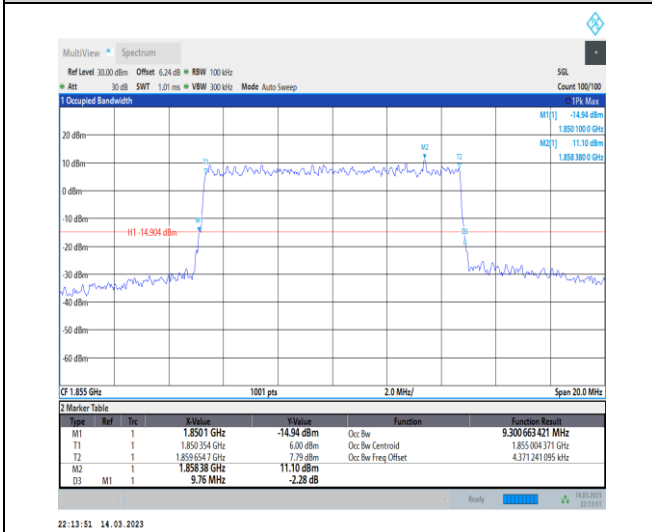




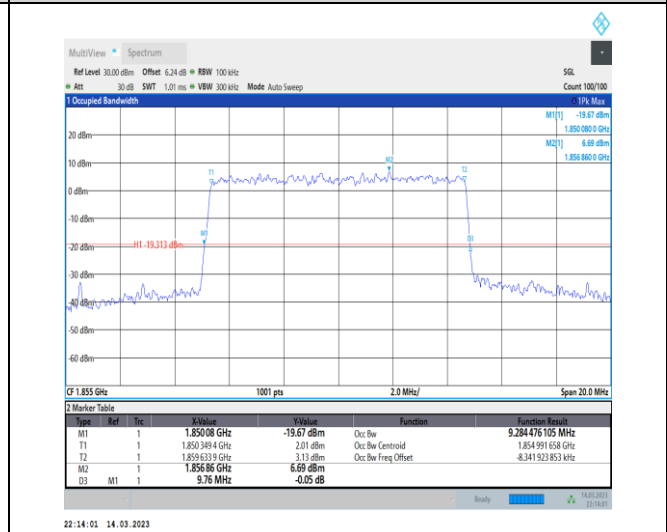
1-N2-PC3-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A  
nt1-9.278-9.760-≤10-PASS



1-N2-PC3-15-10-L-7-CP-16QAM-Outer\_Full-52@0-A  
nt1-9.276-9.840-≤10-PASS



1-N2-PC3-15-10-L-8-CP-64QAM-Outer\_Full-52@0-A  
Ant1-9.301-9.760-≤10-PASS



1-N2-PC3-15-10-L-9-CP-256QAM-Outer\_Full-52@0-A  
Ant1-9.284-9.760-≤10-PASS



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

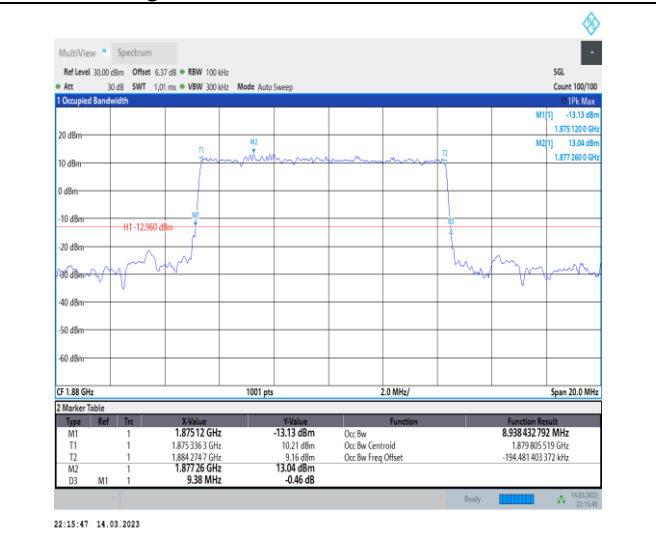
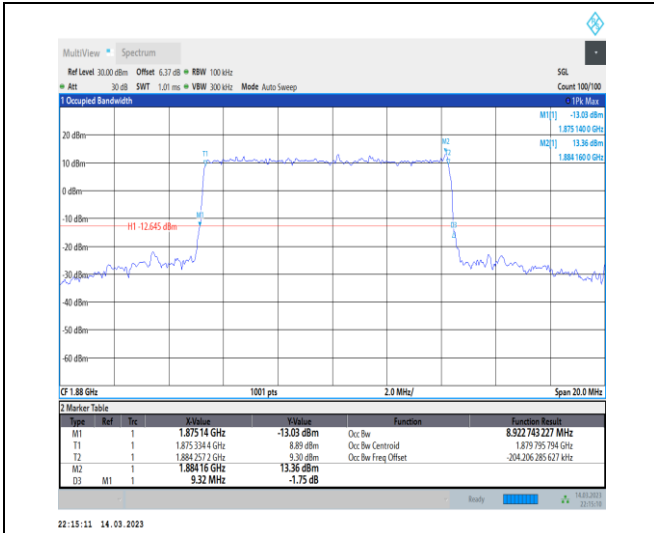
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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

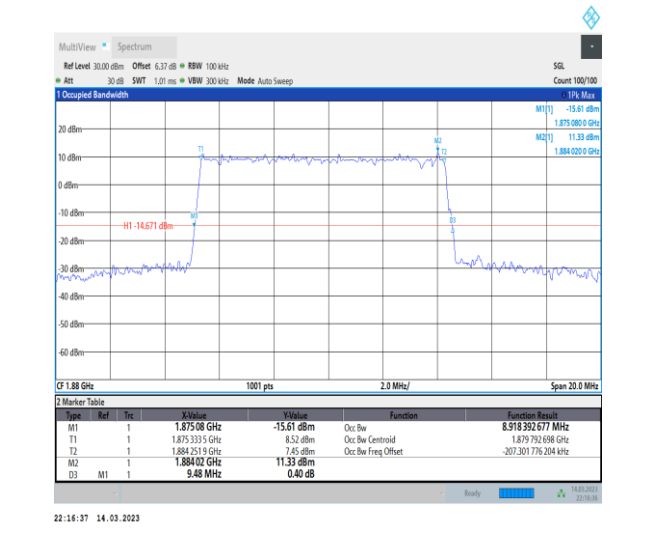
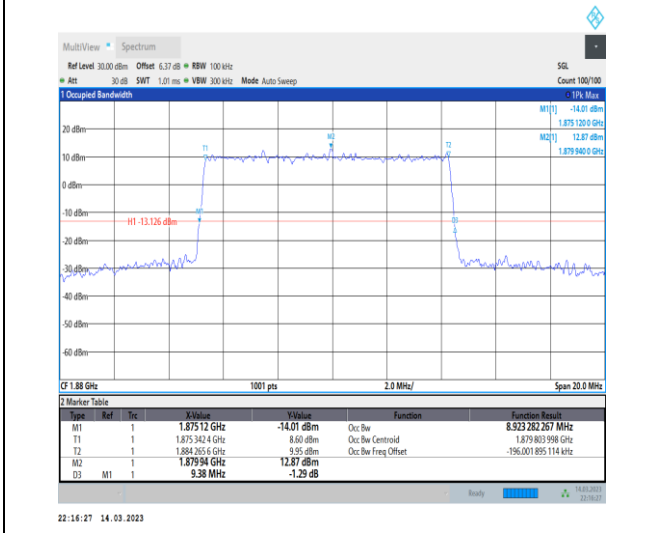
t (86-512) 62992980 www.sgs.com.cn  
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)



1-N2-PC3-15-10-M-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8.923-9.320-≤10-PASS

1-N2-PC3-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.938-9.380-≤10-PASS



1-N2-PC3-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.923-9.380-≤10-PASS

1-N2-PC3-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.918-9.480-≤10-PASS



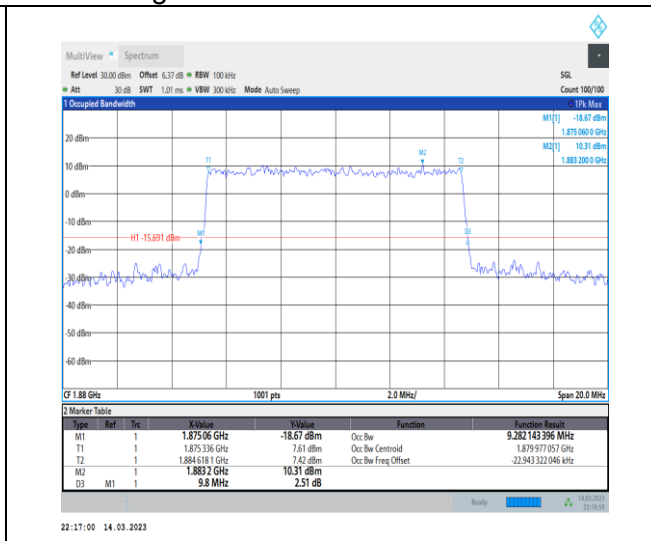
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

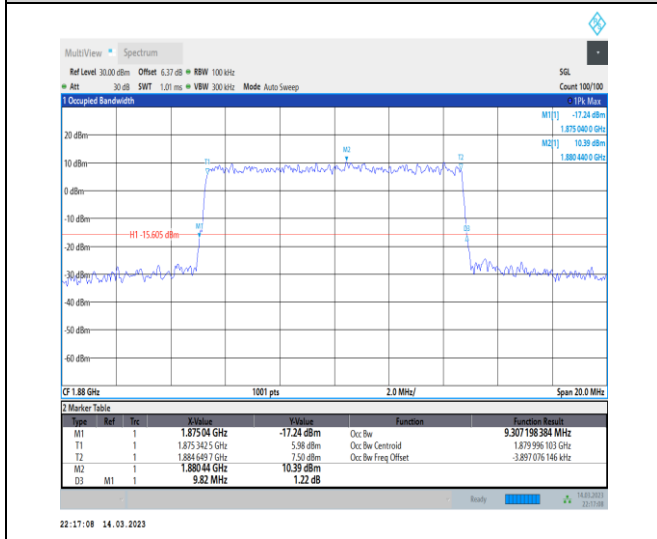
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



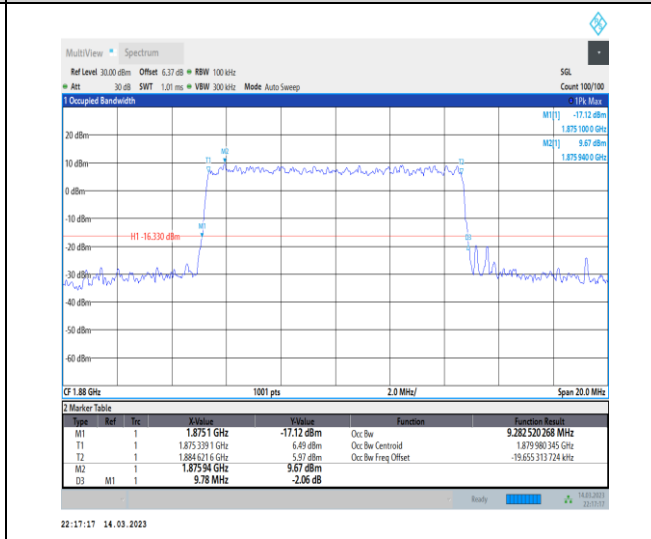
1-N2-PC3-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.958-9.460-≤10-PASS



1-N2-PC3-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.282-9.800-≤10-PASS



1-N2-PC3-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.307-9.820-≤10-PASS



1-N2-PC3-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-9.283-9.780-≤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) 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号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com