

# Appendix B.29

## NR Band n66



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号厂房南面 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

#### Ant13:

Band	SCS	Band width	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.49	21.29	30.00	PASS
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.66	21.46	30.00	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	23.14	20.94	30.00	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.33	21.13	30.00	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.34	21.14	30.00	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	17.19	14.99	30.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	22.38	20.18	30.00	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Right	22.32	20.12	30.00	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	21.76	19.56	30.00	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Left	20.90	18.70	30.00	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Right	21.18	18.98	30.00	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	20.86	18.66	30.00	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Left	18.31	16.11	30.00	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Right	18.63	16.43	30.00	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	18.82	16.62	30.00	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	22.83	20.63	30.00	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.04	20.84	30.00	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	22.51	20.31	30.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.13	20.93	30.00	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.06	20.86	30.00	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	21.96	19.76	30.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	22.07	19.87	30.00	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Right	21.82	19.62	30.00	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	21.08	18.88	30.00	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Left	20.61	18.41	30.00	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Right	20.50	18.30	30.00	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	20.75	18.55	30.00	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Left	17.87	15.67	30.00	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**



N66	15	5	DFT-256QAM	M	Inner_1RB_Right	18.20	16.00	30.00	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	18.34	16.14	30.00	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.22	21.02	30.00	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.39	21.19	30.00	PASS
N66	15	5	DFT-PI2BPSK	H	Outer_Full	22.50	20.30	30.00	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	22.81	20.61	30.00	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Right	23.02	20.82	30.00	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	22.26	20.06	30.00	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	22.05	19.85	30.00	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Right	22.32	20.12	30.00	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	20.97	18.77	30.00	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Left	20.66	18.46	30.00	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Right	20.66	18.46	30.00	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	20.94	18.74	30.00	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Left	18.08	15.88	30.00	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Right	18.28	16.08	30.00	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	18.88	16.68	30.00	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.17	20.97	30.00	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.61	21.41	30.00	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	22.76	20.56	30.00	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	17.34	15.14	30.00	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Right	23.56	21.36	30.00	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	22.50	20.30	30.00	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	22.39	20.19	30.00	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Right	22.33	20.13	30.00	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	21.25	19.05	30.00	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Left	21.19	18.99	30.00	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Right	20.99	18.79	30.00	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	21.11	18.91	30.00	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Left	18.25	16.05	30.00	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Right	18.46	16.26	30.00	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	18.85	16.65	30.00	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	22.97	20.77	30.00	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.16	20.96	30.00	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	22.68	20.48	30.00	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	22.84	20.64	30.00	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Right	22.78	20.58	30.00	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号厂房南座 邮编: 215000

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



N66	15	10	DFT-QPSK	M	Outer_Full	22.15	19.95	30.00	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	21.99	19.79	30.00	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Right	22.00	19.80	30.00	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	20.96	18.76	30.00	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Left	20.68	18.48	30.00	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Right	20.76	18.56	30.00	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	20.38	18.18	30.00	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Left	18.10	15.90	30.00	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Right	17.72	15.52	30.00	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	18.57	16.37	30.00	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.87	20.67	30.00	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.18	20.98	30.00	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	22.52	20.32	30.00	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.17	20.97	30.00	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Right	22.92	20.72	30.00	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	22.09	19.89	30.00	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	21.88	19.68	30.00	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Right	22.20	20.00	30.00	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	21.01	18.81	30.00	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Left	20.90	18.70	30.00	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Right	20.95	18.75	30.00	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	20.73	18.53	30.00	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Left	18.08	15.88	30.00	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Right	18.03	15.83	30.00	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	18.62	16.42	30.00	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.31	21.11	30.00	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.18	20.98	30.00	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	22.84	20.64	30.00	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	23.19	20.99	30.00	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Right	23.55	21.35	30.00	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	22.67	20.47	30.00	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.31	20.11	30.00	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Right	22.57	20.37	30.00	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	21.47	19.27	30.00	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Left	20.81	18.61	30.00	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Right	20.83	18.63	30.00	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	20.94	18.74	30.00	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



N66	15	15	DFT-256QAM	L	Inner_1RB_Left	18.34	16.14	30.00	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Right	18.14	15.94	30.00	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	18.80	16.60	30.00	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.14	20.94	30.00	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.07	20.87	30.00	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	22.31	20.11	30.00	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Left	22.82	20.62	30.00	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Right	22.88	20.68	30.00	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	21.86	19.66	30.00	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	21.99	19.79	30.00	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Right	21.70	19.50	30.00	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	20.96	18.76	30.00	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Left	20.27	18.07	30.00	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Right	20.54	18.34	30.00	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	20.52	18.32	30.00	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Left	18.16	15.96	30.00	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Right	17.62	15.42	30.00	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	18.55	16.35	30.00	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	22.85	20.65	30.00	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.03	20.83	30.00	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	22.50	20.30	30.00	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.00	20.80	30.00	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Right	23.06	20.86	30.00	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	21.89	19.69	30.00	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	21.71	19.51	30.00	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Right	22.02	19.82	30.00	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	21.11	18.91	30.00	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Left	20.24	18.04	30.00	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Right	20.52	18.32	30.00	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	20.43	18.23	30.00	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Left	17.92	15.72	30.00	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Right	18.32	16.12	30.00	PASS
N66	15	15	DFT-256QAM	H	Outer_Full	18.54	16.34	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.23	21.03	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.40	21.20	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	23.15	20.95	30.00	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	23.57	21.37	30.00	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.  
**Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

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

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

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



N66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.26	21.06	30.00	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	22.15	19.95	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.37	20.17	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Right	22.53	20.33	30.00	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	21.42	19.22	30.00	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Left	20.76	18.56	30.00	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Right	21.10	18.90	30.00	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	20.93	18.73	30.00	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	18.72	16.52	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.02	20.82	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.84	20.64	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	22.47	20.27	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	22.84	20.64	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Right	23.04	20.84	30.00	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	22.17	19.97	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.10	19.90	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Right	21.90	19.70	30.00	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	20.84	18.64	30.00	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Left	20.56	18.36	30.00	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Right	20.57	18.37	30.00	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	20.47	18.27	30.00	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Right	17.96	15.76	30.00	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	18.36	16.16	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.76	20.56	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.32	21.12	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	22.32	20.12	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	22.99	20.79	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.16	20.96	30.00	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	22.18	19.98	30.00	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	21.76	19.56	30.00	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Right	22.22	20.02	30.00	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	21.12	18.92	30.00	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Left	20.63	18.43	30.00	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Right	20.64	18.44	30.00	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	20.57	18.37	30.00	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Left	17.84	15.64	30.00	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Right	18.24	16.04	30.00	PASS



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

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

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

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



Report No.: SEWM2306000194RG02

Rev.: 01

Page: 7 of 115

N66	15	20	DFT-256QAM	H	Outer_Full	18.26	16.06	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.00	20.80	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.67	21.47	30.00	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	23.08	20.88	30.00	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	16.89	14.69	30.00	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.65	21.45	30.00	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	22.64	20.44	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.08	19.88	30.00	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Right	21.95	19.75	30.00	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	21.07	18.87	30.00	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Left	20.95	18.75	30.00	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Right	20.85	18.65	30.00	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	20.80	18.60	30.00	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Left	18.39	16.19	30.00	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Right	18.66	16.46	30.00	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	19.01	16.81	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.00	20.80	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	22.96	20.76	30.00	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	22.69	20.49	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	22.61	20.41	30.00	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Right	22.91	20.71	30.00	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	21.94	19.74	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.20	20.00	30.00	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Right	21.67	19.47	30.00	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	21.24	19.04	30.00	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Left	20.55	18.35	30.00	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Right	20.68	18.48	30.00	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	20.61	18.41	30.00	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Left	18.03	15.83	30.00	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Right	18.26	16.06	30.00	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	18.55	16.35	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.90	20.70	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	22.94	20.74	30.00	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	23.09	20.89	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	22.91	20.71	30.00	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.40	21.20	30.00	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	22.14	19.94	30.00	PASS



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

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

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

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



N66	15	20	DFT-16QAM	H	Inner_1RB_Left	21.87	19.67	30.00	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Right	22.27	20.07	30.00	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	21.66	19.46	30.00	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Left	20.99	18.79	30.00	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Right	21.01	18.81	30.00	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	20.92	18.72	30.00	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Left	18.46	16.26	30.00	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Right	18.02	15.82	30.00	PASS
N66	15	20	DFT-256QAM	H	Outer_Full	18.40	16.20	30.00	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.29	21.09	30.00	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.18	20.98	30.00	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	17.55	15.35	30.00	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Left	23.36	21.16	30.00	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Right	22.86	20.66	30.00	PASS
N66	15	30	DFT-QPSK	L	Outer_Full	17.29	15.09	30.00	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Left	22.60	20.40	30.00	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Right	21.82	19.62	30.00	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	21.21	19.01	30.00	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Left	20.91	18.71	30.00	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Right	20.69	18.49	30.00	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	20.96	18.76	30.00	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Left	18.34	16.14	30.00	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Right	18.08	15.88	30.00	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	18.81	16.61	30.00	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.30	21.10	30.00	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.01	20.81	30.00	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	22.64	20.44	30.00	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.29	21.09	30.00	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Right	23.10	20.90	30.00	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	22.19	19.99	30.00	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Left	22.32	20.12	30.00	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Right	22.15	19.95	30.00	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	21.30	19.10	30.00	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Left	20.78	18.58	30.00	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Right	20.47	18.27	30.00	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	20.65	18.45	30.00	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Left	18.11	15.91	30.00	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号厂房南座 邮编: 215000

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





N66	15	30	DFT-256QAM	M	Inner_1RB_Right	18.14	15.94	30.00	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	18.35	16.15	30.00	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.59	21.39	30.00	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	22.89	20.69	30.00	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	17.20	15.00	30.00	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.52	21.32	30.00	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Right	22.99	20.79	30.00	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	17.12	14.92	30.00	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Left	22.61	20.41	30.00	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Right	21.79	19.59	30.00	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	21.69	19.49	30.00	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Left	21.12	18.92	30.00	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Right	20.75	18.55	30.00	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	20.62	18.42	30.00	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Left	18.45	16.25	30.00	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Right	18.43	16.23	30.00	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	18.67	16.47	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.04	20.84	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.21	21.01	30.00	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	22.68	20.48	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	23.02	20.82	30.00	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	23.33	21.13	30.00	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	22.53	20.33	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	22.54	20.34	30.00	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	22.34	20.14	30.00	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	21.57	19.37	30.00	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Left	20.75	18.55	30.00	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	21.04	18.84	30.00	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	20.76	18.56	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	18.51	16.31	30.00	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	18.37	16.17	30.00	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	18.87	16.67	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	22.97	20.77	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	22.75	20.55	30.00	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	22.54	20.34	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	22.86	20.66	30.00	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Right	22.67	20.47	30.00	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号厂房南座 邮编: 215000

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

Report No.: SEWM2306000194RG02

Rev.: 01

Page: 10 of 115

N66	15	40	DFT-QPSK	M	Outer_Full	21.93	19.73	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	21.92	19.72	30.00	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	21.79	19.59	30.00	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	21.10	18.90	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	20.29	18.09	30.00	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	20.60	18.40	30.00	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	20.42	18.22	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	18.17	15.97	30.00	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	17.47	15.27	30.00	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	18.59	16.39	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.02	20.82	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.07	20.87	30.00	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	22.42	20.22	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.01	20.81	30.00	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	22.97	20.77	30.00	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	22.17	19.97	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	21.96	19.76	30.00	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	22.16	19.96	30.00	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	21.08	18.88	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	20.45	18.25	30.00	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	20.85	18.65	30.00	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	20.56	18.36	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	17.89	15.69	30.00	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	18.13	15.93	30.00	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	18.45	16.25	30.00	PASS



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

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

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

## Peak-to-Average Ratio for SA

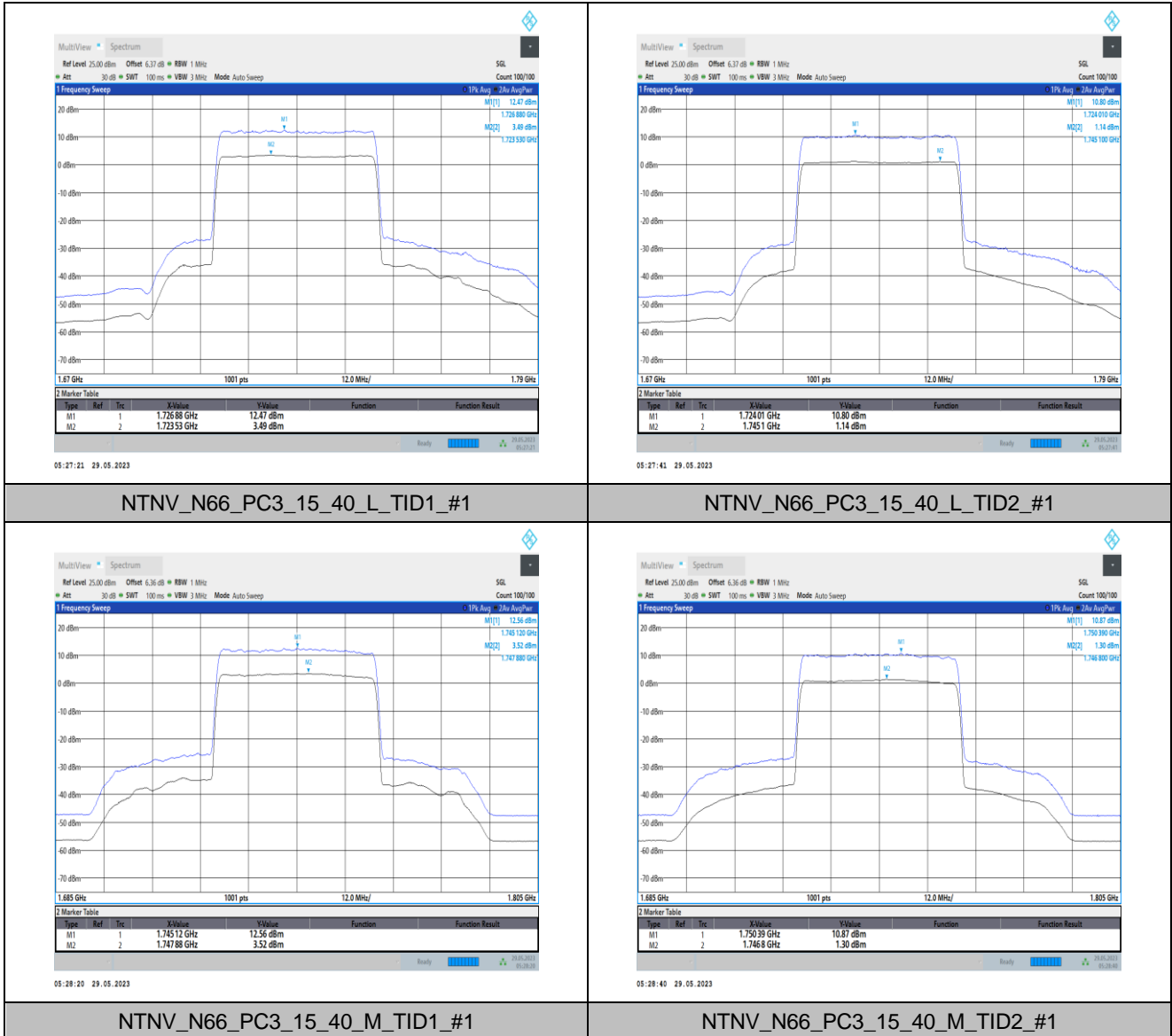
### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N66	15	40	DFT-256QAM	L	Outer_Full	100%	0.00	8.98	≤13	PASS
N66	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.66	≤13	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.04	≤13	PASS
N66	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.57	≤13	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.09	≤13	PASS
N66	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.43	≤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**

Test Graphs



NTNV\_N66\_PC3\_15\_40\_L\_TID1\_#1

NTNV\_N66\_PC3\_15\_40\_L\_TID2\_#1

NTNV\_N66\_PC3\_15\_40\_M\_TID1\_#1

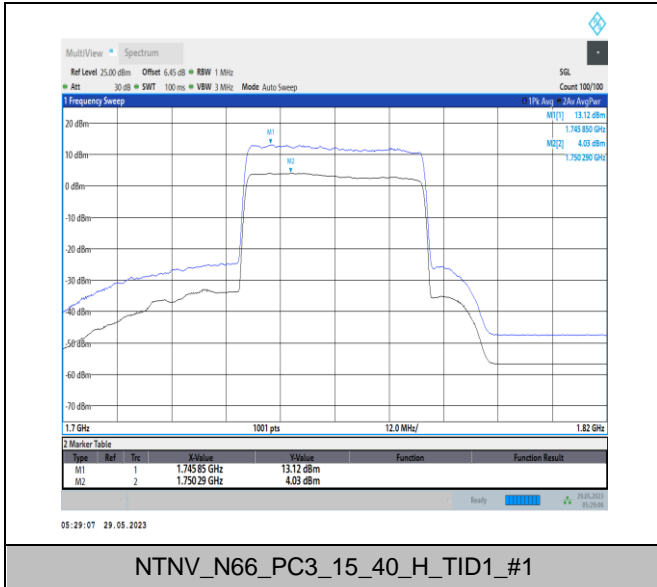
NTNV\_N66\_PC3\_15\_40\_M\_TID2\_#1



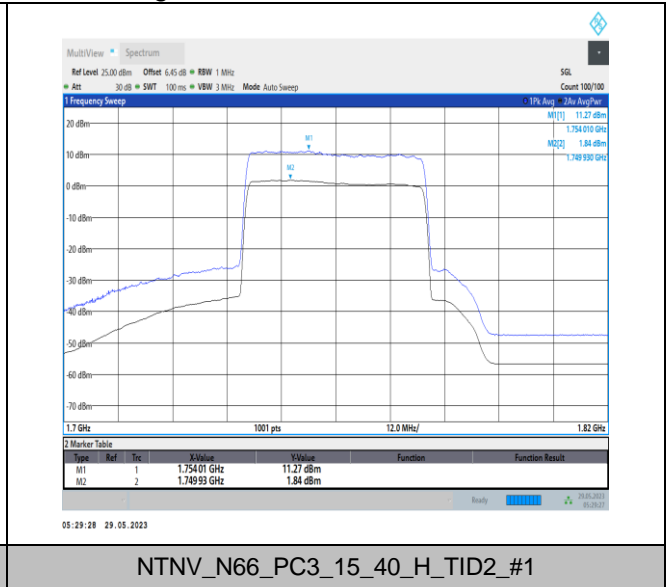
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



NTNV\_N66\_PC3\_15\_40\_H\_TID1\_#1



NTNV\_N66\_PC3\_15\_40\_H\_TID2\_#1



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号厂房南座 邮编: 215000

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

## Modulation characteristics for SA

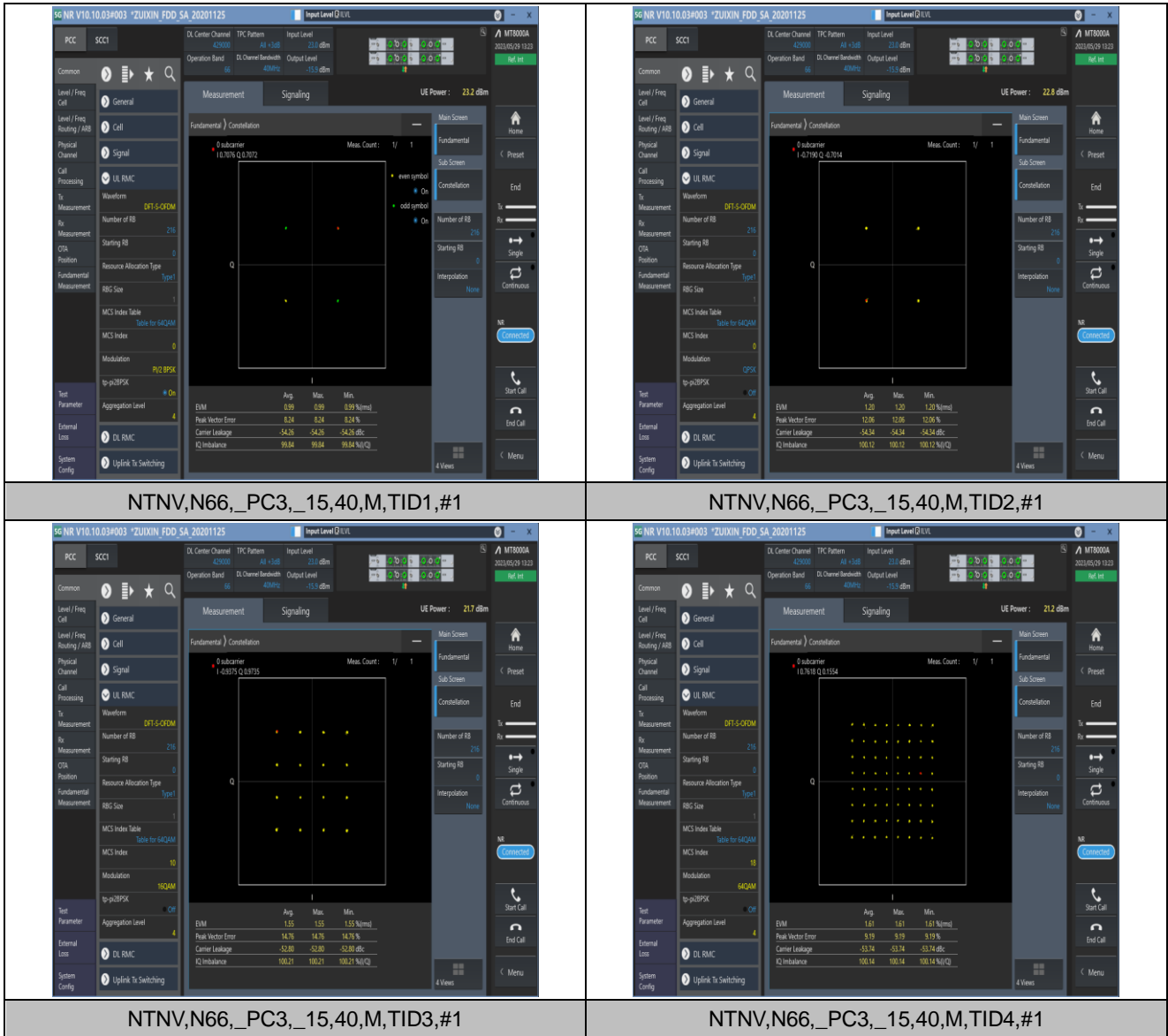
### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	see graph	PASS
N66	15	40	CP-QPSK	M	Outer_Full	see graph	PASS
N66	15	40	CP-16QAM	M	Outer_Full	see graph	PASS
N66	15	40	CP-64QAM	M	Outer_Full	see graph	PASS
N66	15	40	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) 8307 1443, or email: CN.Doccheck@sgs.com**

Test Graphs



NTNV,N66,\_PC3,\_15,40,M,TID1,#1

NTNV,N66,\_PC3,\_15,40,M,TID2,#1

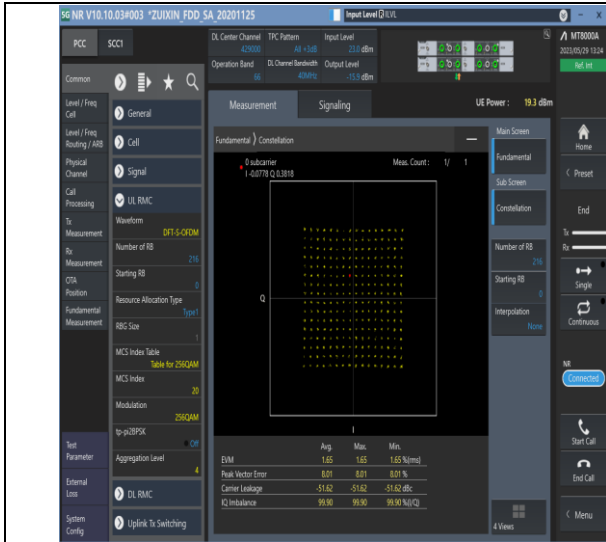
NTNV,N66,\_PC3,\_15,40,M,TID3,#1

NTNV,N66,\_PC3,\_15,40,M,TID4,#1

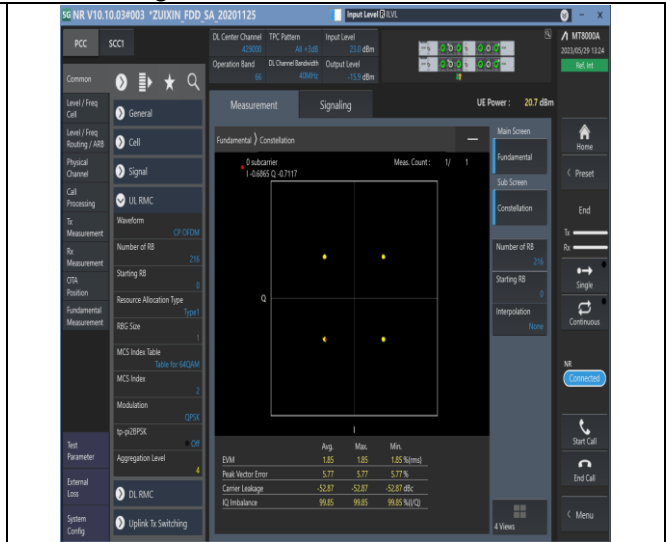


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

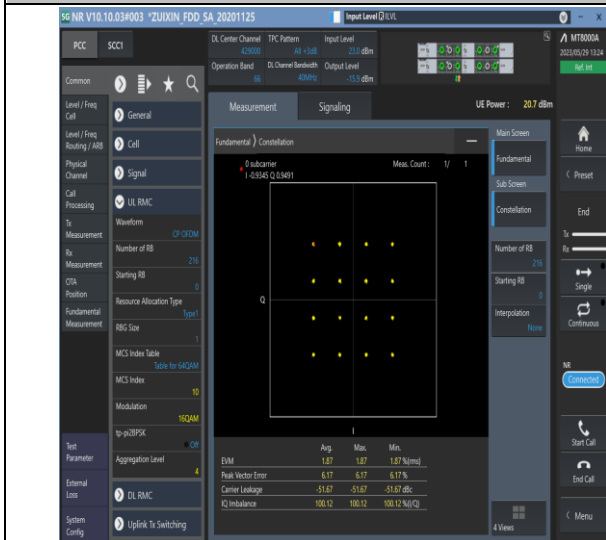
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



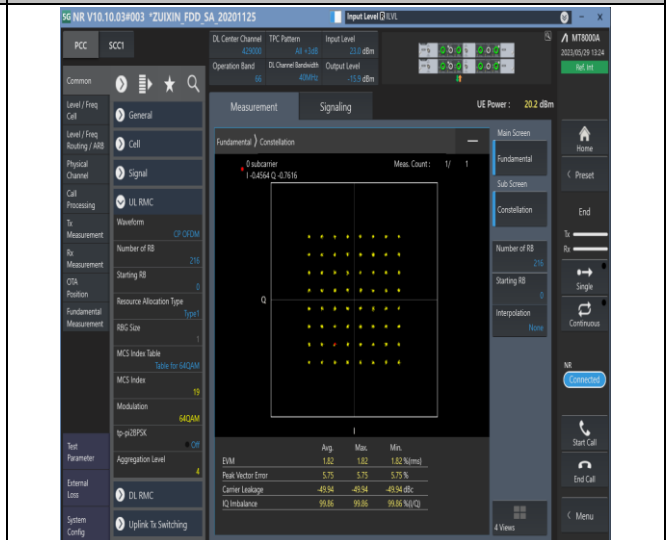
NTNV,N66,\_PC3,\_15,40,M,TID5,#1



NTNV,N66,\_PC3,\_15,40,M,TID5,#1



NTNV,N66,\_PC3,\_15,40,M,TID7,#1



NTNV,N66,\_PC3,\_15,40,M,TID8,#1



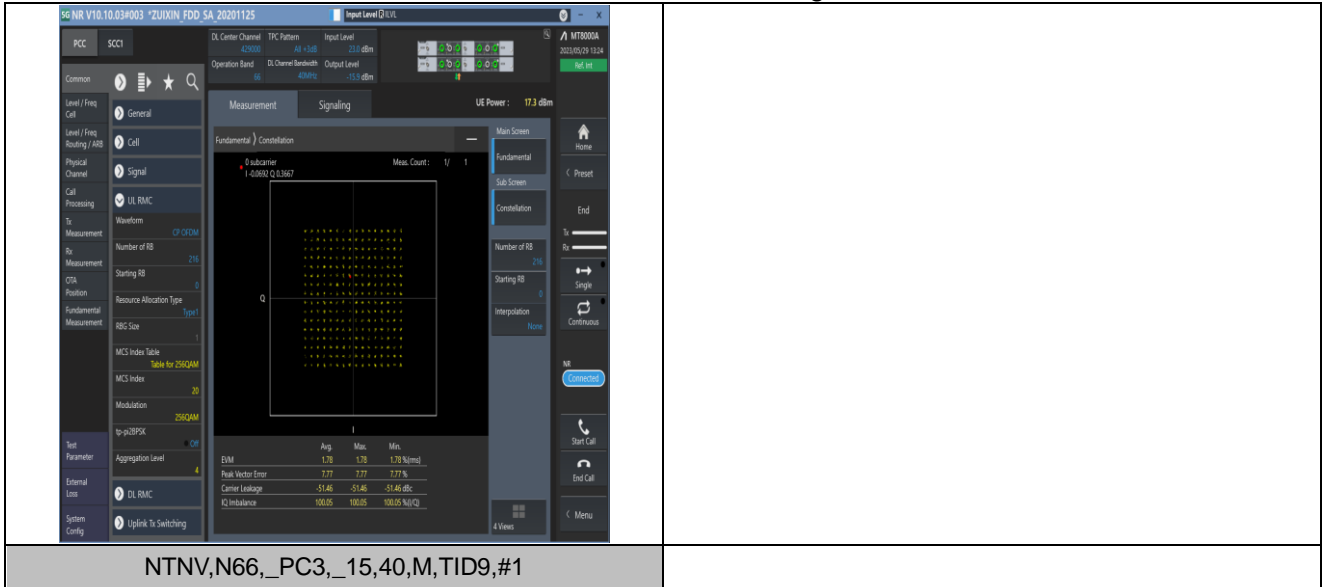
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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





## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N66	15	5	DFT-QPSK	L	Outer_Full	4.454	4.770	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	4.479	4.730	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	4.469	4.880	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	4.460	4.810	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	4.466	4.830	PASS
N66	15	5	CP-QPSK	L	Outer_Full	4.470	4.840	PASS
N66	15	5	CP-16QAM	L	Outer_Full	4.471	4.860	PASS
N66	15	5	CP-64QAM	L	Outer_Full	4.465	4.830	PASS
N66	15	5	CP-256QAM	L	Outer_Full	4.459	4.830	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.438	4.770	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.473	4.760	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.471	4.850	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.464	4.850	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.473	4.830	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.469	4.850	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.483	4.850	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.471	4.870	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.471	4.860	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	4.449	4.760	PASS
N66	15	5	DFT-PI2BPSK	H	Outer_Full	4.477	4.760	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	4.469	4.830	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	4.466	4.830	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	4.482	4.820	PASS
N66	15	5	CP-QPSK	H	Outer_Full	4.469	4.800	PASS
N66	15	5	CP-16QAM	H	Outer_Full	4.466	4.800	PASS
N66	15	5	CP-64QAM	H	Outer_Full	4.466	4.910	PASS
N66	15	5	CP-256QAM	H	Outer_Full	4.462	4.860	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	8.915	9.440	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	8.915	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**

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.: SEWM2306000194RG02

Rev.: 01

Page: 19 of 115

N66	15	10	DFT-16QAM	L	Outer_Full	8.944	9.560	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	8.940	9.520	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	8.947	9.680	PASS
N66	15	10	CP-QPSK	L	Outer_Full	9.261	9.880	PASS
N66	15	10	CP-16QAM	L	Outer_Full	9.286	9.940	PASS
N66	15	10	CP-64QAM	L	Outer_Full	9.289	9.800	PASS
N66	15	10	CP-256QAM	L	Outer_Full	9.279	9.820	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.906	9.460	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.903	9.520	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.932	9.500	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.925	9.600	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.917	9.500	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.264	9.780	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.293	9.840	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.255	9.800	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.294	9.880	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	8.912	9.540	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	8.913	9.540	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	8.943	9.420	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	8.905	9.480	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	8.903	9.480	PASS
N66	15	10	CP-QPSK	H	Outer_Full	9.266	9.960	PASS
N66	15	10	CP-16QAM	H	Outer_Full	9.292	9.720	PASS
N66	15	10	CP-64QAM	H	Outer_Full	9.274	9.880	PASS
N66	15	10	CP-256QAM	H	Outer_Full	9.264	9.760	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	13.430	14.160	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	13.456	14.430	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	13.435	14.220	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	13.410	14.070	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	13.427	14.130	PASS
N66	15	15	CP-QPSK	L	Outer_Full	14.128	14.880	PASS
N66	15	15	CP-16QAM	L	Outer_Full	14.079	14.730	PASS
N66	15	15	CP-64QAM	L	Outer_Full	14.105	14.910	PASS
N66	15	15	CP-256QAM	L	Outer_Full	14.105	14.850	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.427	14.160	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.436	14.100	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.433	14.280	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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

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



Report No.: SEWM2306000194RG02

Rev.: 01

Page: 20 of 115

N66	15	15	DFT-64QAM	M	Outer_Full	13.428	14.160	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.423	14.130	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.118	14.820	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.089	14.760	PASS
N66	15	15	CP-64QAM	M	Outer_Full	14.106	14.910	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.133	14.940	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	13.420	14.160	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	13.431	14.220	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	13.423	14.130	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	13.404	14.400	PASS
N66	15	15	CP-QPSK	H	Outer_Full	14.097	14.820	PASS
N66	15	15	CP-16QAM	H	Outer_Full	14.053	14.760	PASS
N66	15	15	CP-64QAM	H	Outer_Full	14.088	14.790	PASS
N66	15	15	CP-256QAM	H	Outer_Full	14.110	14.790	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	17.875	18.960	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	17.858	18.680	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	17.856	18.680	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	17.894	18.680	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	17.874	18.840	PASS
N66	15	20	CP-QPSK	L	Outer_Full	18.906	19.920	PASS
N66	15	20	CP-16QAM	L	Outer_Full	18.888	19.880	PASS
N66	15	20	CP-64QAM	L	Outer_Full	18.883	19.840	PASS
N66	15	20	CP-256QAM	L	Outer_Full	18.882	19.880	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.884	18.680	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.897	18.800	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.879	18.840	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.857	18.800	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.859	18.800	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.926	19.960	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.905	19.680	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.874	19.760	PASS
N66	15	20	CP-256QAM	M	Outer_Full	18.901	19.840	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	17.872	18.840	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	17.855	18.720	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	17.854	18.800	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	17.865	18.800	PASS
N66	15	20	DFT-256QAM	H	Outer_Full	17.882	18.800	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

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

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



N66	15	20	CP-QPSK	H	Outer_Full	18.953	19.840	PASS
N66	15	20	CP-16QAM	H	Outer_Full	18.876	19.840	PASS
N66	15	20	CP-64QAM	H	Outer_Full	18.907	19.880	PASS
N66	15	20	CP-256QAM	H	Outer_Full	18.888	19.880	PASS
N66	15	25	DFT-QPSK	L	Outer_Full	22.876	24.000	PASS
N66	15	25	DFT-PI2BPSK	L	Outer_Full	22.870	24.250	PASS
N66	15	25	DFT-16QAM	L	Outer_Full	22.865	24.000	PASS
N66	15	25	DFT-64QAM	L	Outer_Full	22.840	24.000	PASS
N66	15	25	DFT-256QAM	L	Outer_Full	22.892	24.150	PASS
N66	15	25	CP-QPSK	L	Outer_Full	23.681	24.950	PASS
N66	15	25	CP-16QAM	L	Outer_Full	23.699	24.900	PASS
N66	15	25	CP-64QAM	L	Outer_Full	23.720	24.850	PASS
N66	15	25	CP-256QAM	L	Outer_Full	23.744	24.900	PASS
N66	15	25	DFT-QPSK	M	Outer_Full	22.845	24.100	PASS
N66	15	25	DFT-PI2BPSK	M	Outer_Full	22.888	23.900	PASS
N66	15	25	DFT-16QAM	M	Outer_Full	22.825	23.950	PASS
N66	15	25	DFT-64QAM	M	Outer_Full	22.863	24.100	PASS
N66	15	25	DFT-256QAM	M	Outer_Full	22.890	24.100	PASS
N66	15	25	CP-QPSK	M	Outer_Full	23.715	24.850	PASS
N66	15	25	CP-16QAM	M	Outer_Full	23.724	24.950	PASS
N66	15	25	CP-64QAM	M	Outer_Full	23.729	25.000	PASS
N66	15	25	CP-256QAM	M	Outer_Full	23.705	25.050	PASS
N66	15	25	DFT-QPSK	H	Outer_Full	22.899	23.900	PASS
N66	15	25	DFT-PI2BPSK	H	Outer_Full	22.875	24.250	PASS
N66	15	25	DFT-16QAM	H	Outer_Full	22.890	23.950	PASS
N66	15	25	DFT-64QAM	H	Outer_Full	22.870	23.950	PASS
N66	15	25	DFT-256QAM	H	Outer_Full	22.862	24.300	PASS
N66	15	25	CP-QPSK	H	Outer_Full	23.720	24.950	PASS
N66	15	25	CP-16QAM	H	Outer_Full	23.735	24.700	PASS
N66	15	25	CP-64QAM	H	Outer_Full	23.771	24.950	PASS
N66	15	25	CP-256QAM	H	Outer_Full	23.736	24.900	PASS
N66	15	30	DFT-QPSK	L	Outer_Full	28.537	29.700	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	28.604	29.640	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	28.565	29.640	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	28.553	29.640	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	28.555	29.700	PASS
N66	15	30	CP-QPSK	L	Outer_Full	28.543	29.700	PASS



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

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

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

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



N66	15	30	CP-16QAM	L	Outer_Full	28.492	29.760	PASS
N66	15	30	CP-64QAM	L	Outer_Full	28.557	29.820	PASS
N66	15	30	CP-256QAM	L	Outer_Full	28.525	29.700	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.511	29.700	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.520	29.640	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.505	29.700	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.588	29.760	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.534	29.760	PASS
N66	15	30	CP-QPSK	M	Outer_Full	28.637	29.820	PASS
N66	15	30	CP-16QAM	M	Outer_Full	28.491	29.700	PASS
N66	15	30	CP-64QAM	M	Outer_Full	28.470	29.640	PASS
N66	15	30	CP-256QAM	M	Outer_Full	28.480	29.760	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	28.537	29.820	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	28.568	29.760	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	28.554	29.580	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	28.554	29.640	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	28.567	29.700	PASS
N66	15	30	CP-QPSK	H	Outer_Full	28.517	29.700	PASS
N66	15	30	CP-16QAM	H	Outer_Full	28.568	29.760	PASS
N66	15	30	CP-64QAM	H	Outer_Full	28.532	29.760	PASS
N66	15	30	CP-256QAM	H	Outer_Full	28.554	29.820	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	38.466	40.240	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	38.534	40.320	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	38.612	40.320	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	38.591	40.400	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	38.596	40.480	PASS
N66	15	40	CP-QPSK	L	Outer_Full	38.488	40.160	PASS
N66	15	40	CP-16QAM	L	Outer_Full	38.611	40.320	PASS
N66	15	40	CP-64QAM	L	Outer_Full	38.501	40.240	PASS
N66	15	40	CP-256QAM	L	Outer_Full	38.489	40.320	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.539	40.240	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.552	40.240	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	38.534	40.320	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.513	40.320	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.429	40.160	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.450	40.400	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.576	40.320	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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](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号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2306000194RG02

Rev.: 01

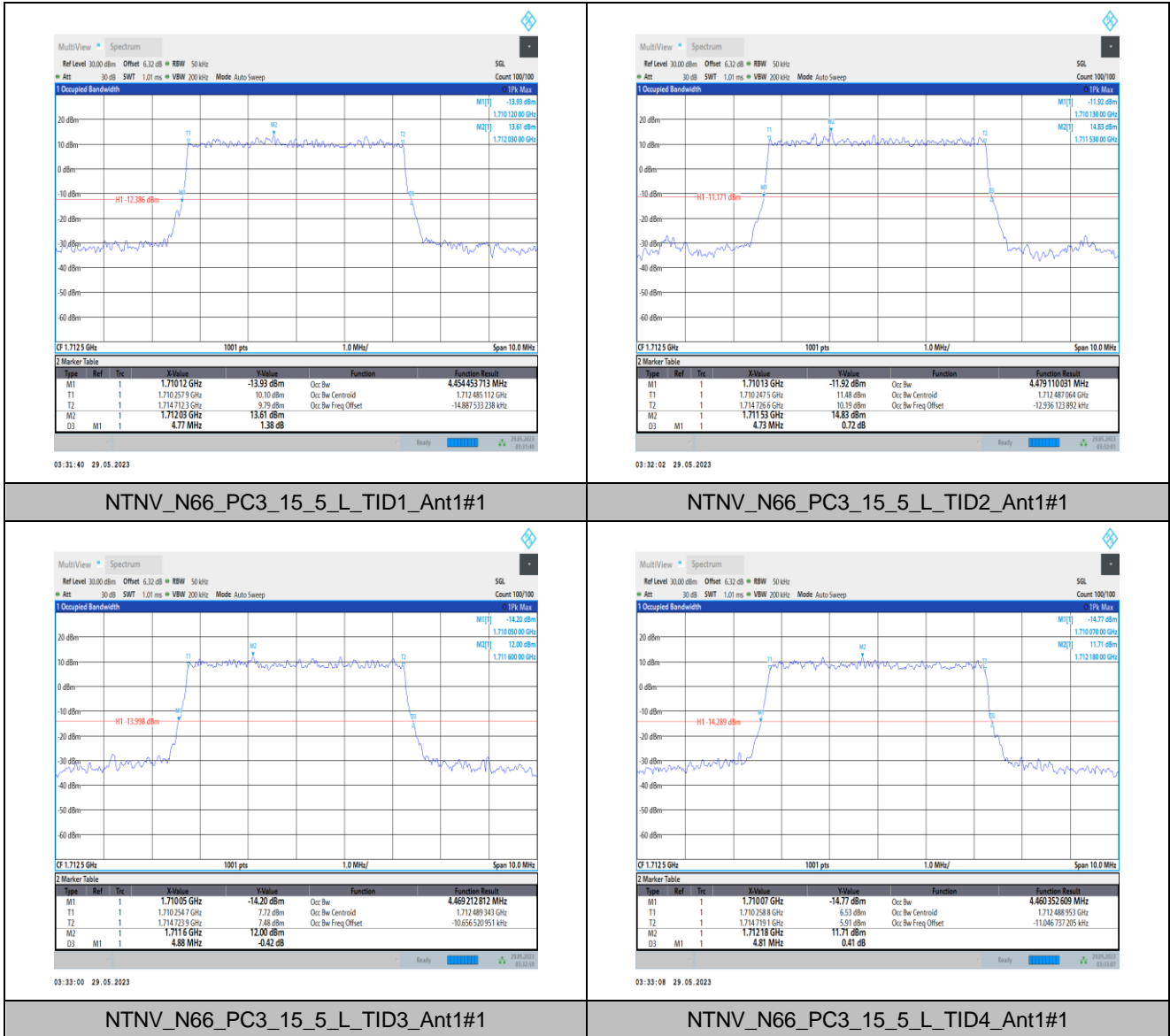
Page: 23 of 115

N66	15	40	CP-64QAM	M	Outer_Full	38.525	40.160	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.472	40.160	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	38.368	40.320	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	38.438	40.240	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	38.429	40.240	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	38.521	40.160	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	38.445	40.320	PASS
N66	15	40	CP-QPSK	H	Outer_Full	38.564	40.240	PASS
N66	15	40	CP-16QAM	H	Outer_Full	38.471	40.240	PASS
N66	15	40	CP-64QAM	H	Outer_Full	38.428	40.160	PASS
N66	15	40	CP-256QAM	H	Outer_Full	38.406	40.400	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**

Test Graphs



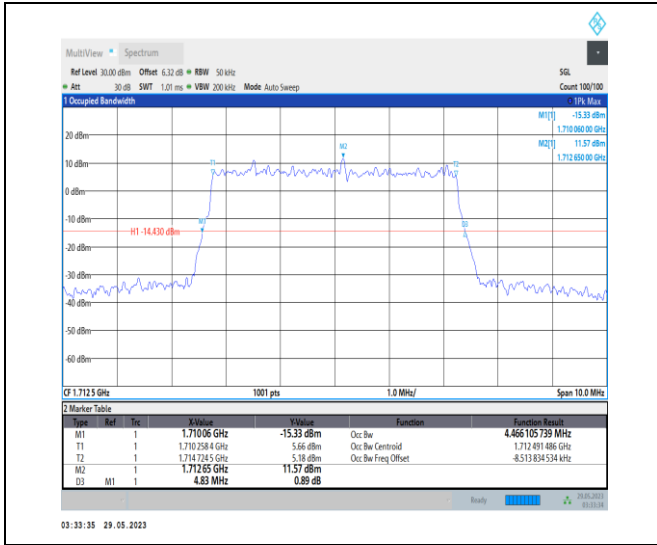
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

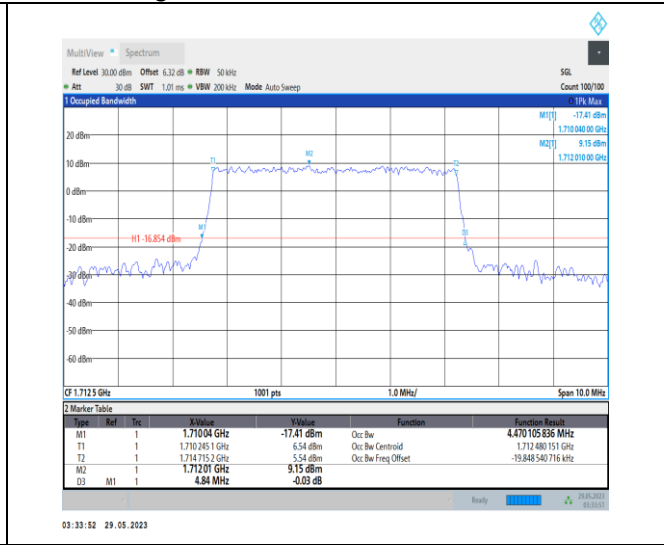
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

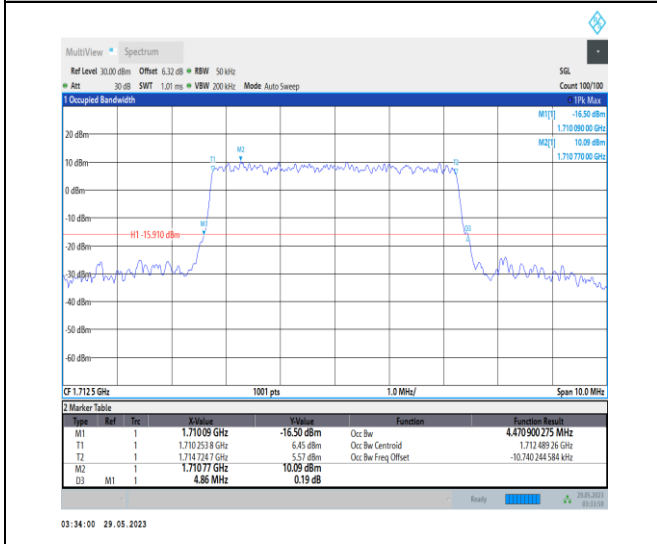




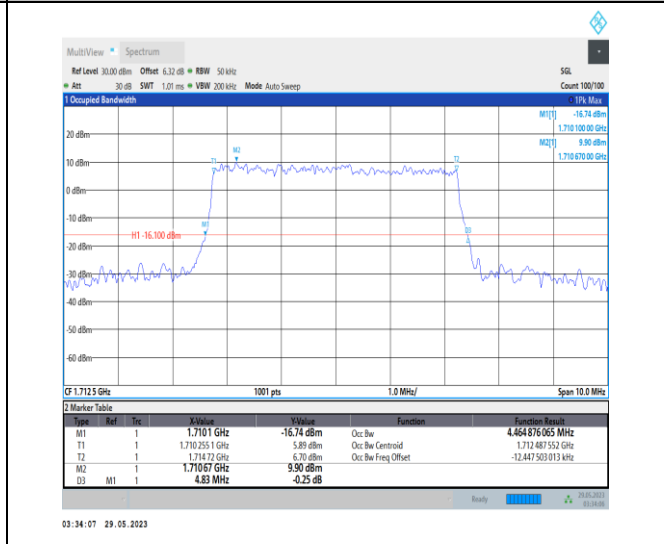
NTVN\_N66\_PC3\_15\_5\_L\_TID5\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_L\_TID6\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_L\_TID7\_Ant1#1



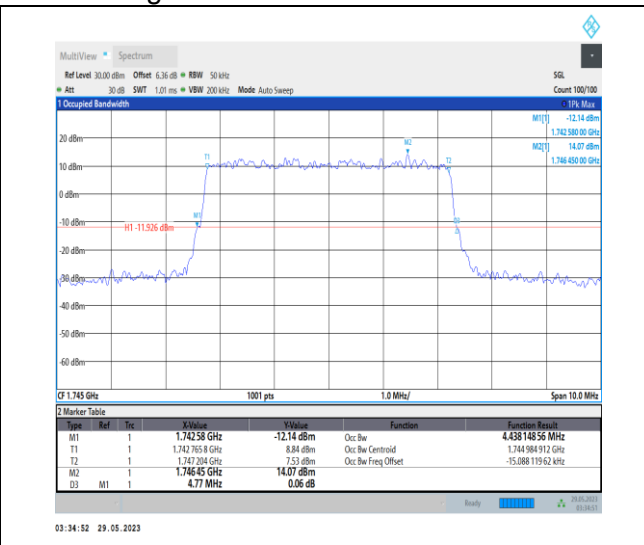
NTVN\_N66\_PC3\_15\_5\_L\_TID8\_Ant1#1



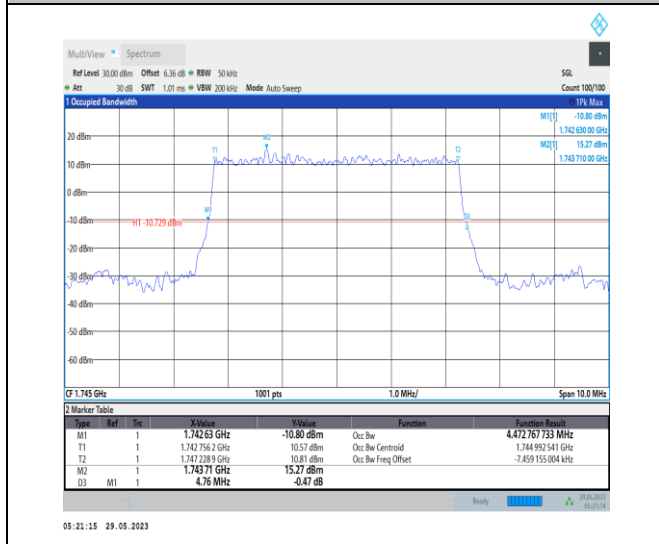
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



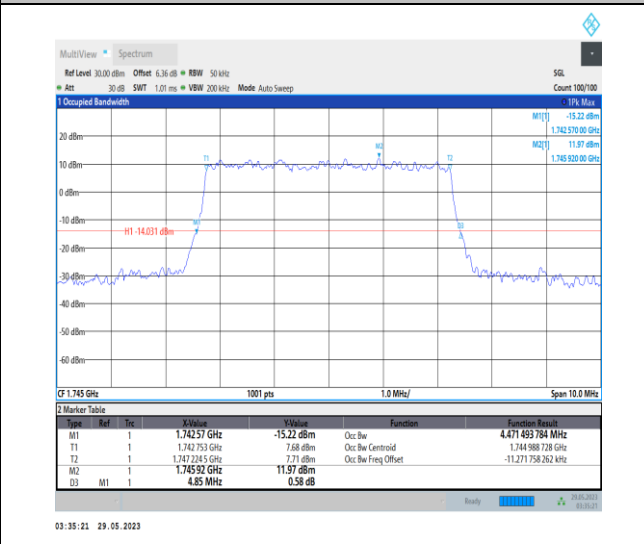
NTVN\_N66\_PC3\_15\_5\_L\_TID9\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_M\_TID1\_Ant1#1



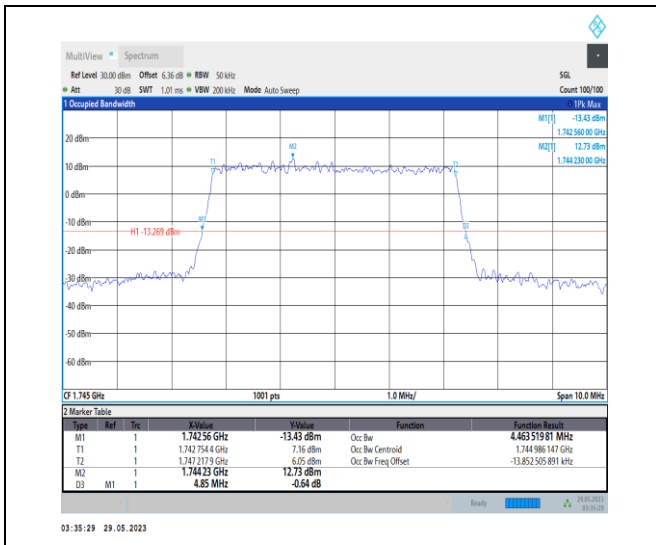
NTVN\_N66\_PC3\_15\_5\_M\_TID2\_Ant1#1



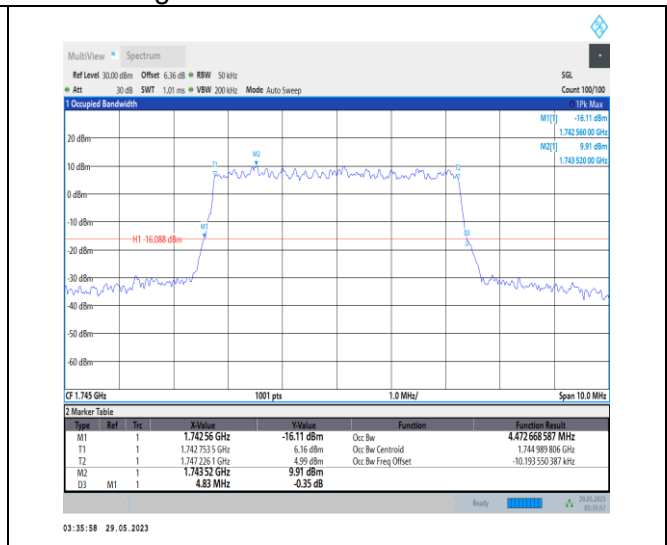
NTVN\_N66\_PC3\_15\_5\_M\_TID3\_Ant1#1



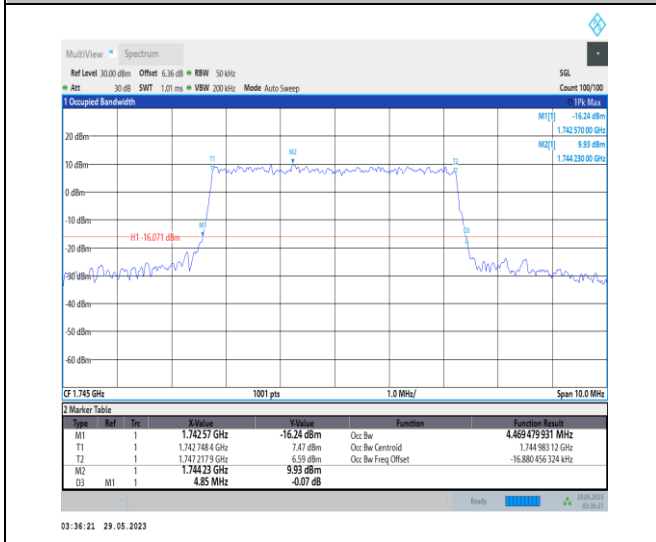
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



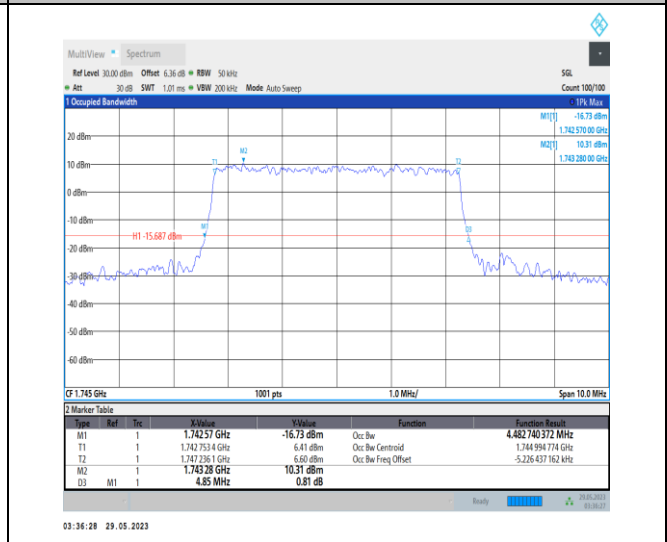
NTNV\_N66\_PC3\_15\_5\_M\_TID4\_Ant1#1



NTNV\_N66\_PC3\_15\_5\_M\_TID5\_Ant1#1



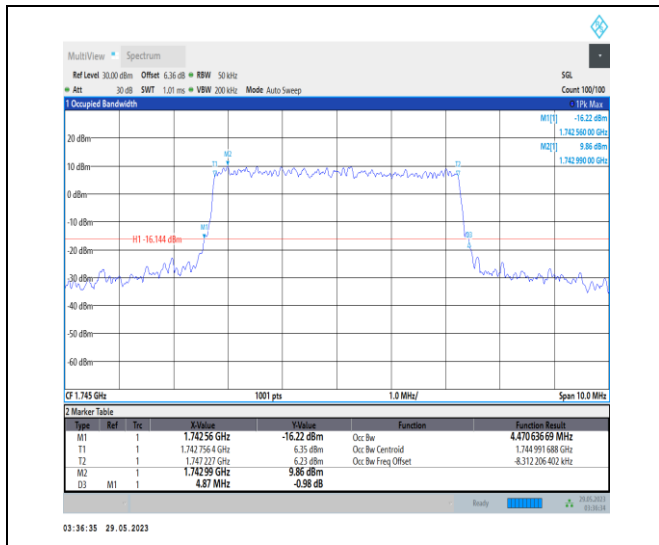
NTNV\_N66\_PC3\_15\_5\_M\_TID6\_Ant1#1



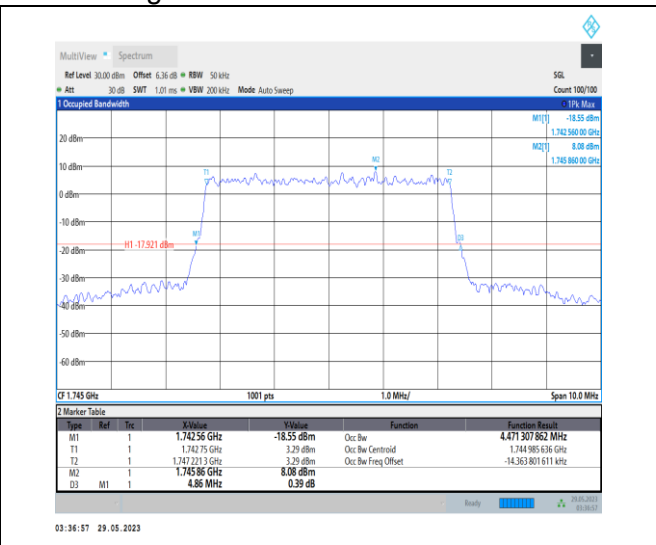
NTNV\_N66\_PC3\_15\_5\_M\_TID7\_Ant1#1



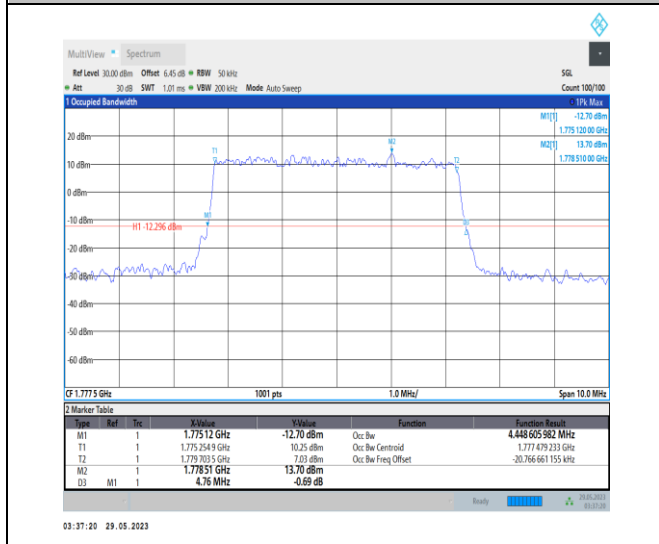
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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



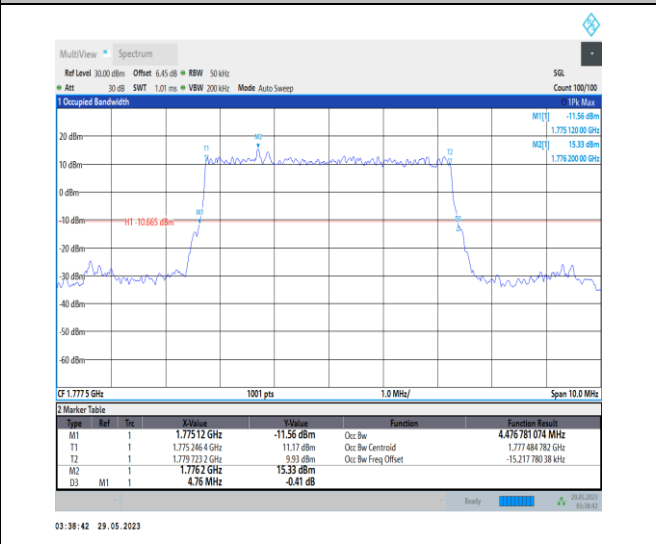
NTNV\_N66\_PC3\_15\_5\_M\_TID8\_Ant1#1



NTNV\_N66\_PC3\_15\_5\_M\_TID9\_Ant1#1



NTNV\_N66\_PC3\_15\_5\_H\_TID1\_Ant1#1

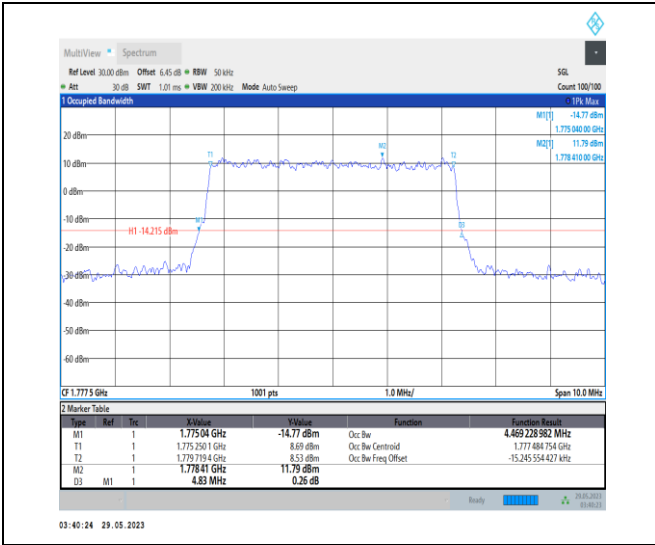


NTNV\_N66\_PC3\_15\_5\_H\_TID2\_Ant1#1

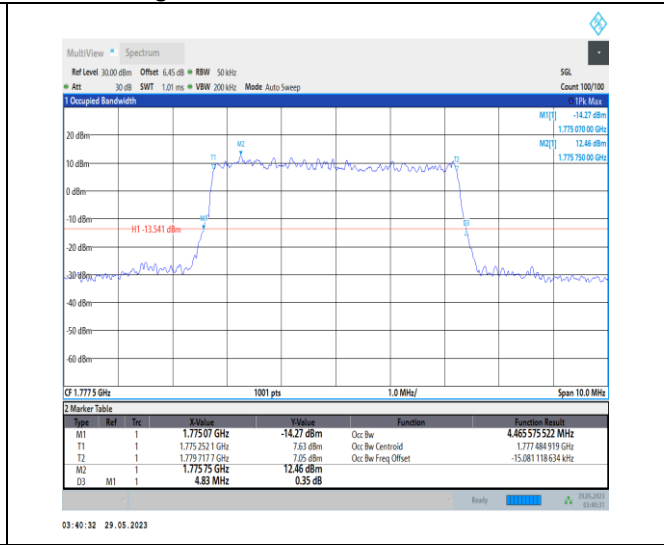


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

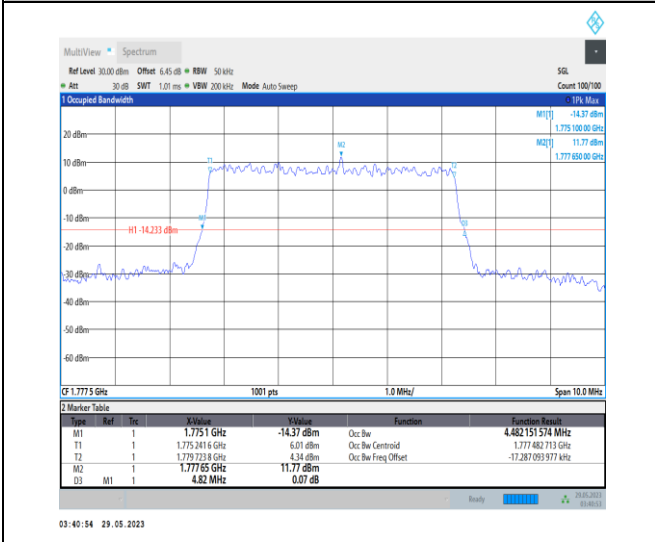
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



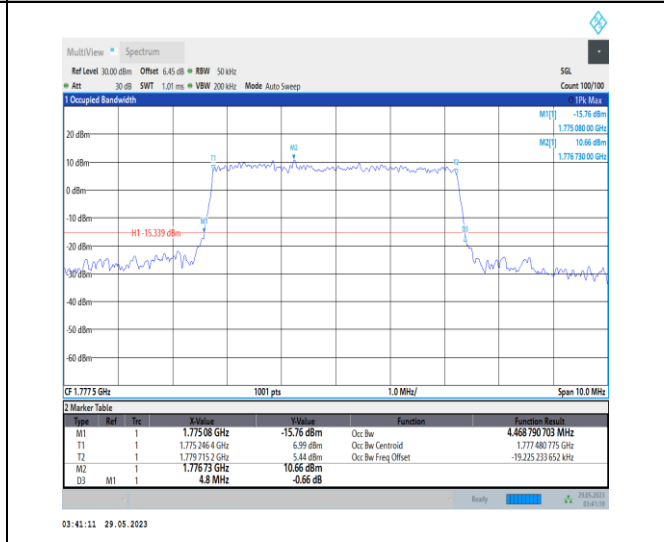
NTVN\_N66\_PC3\_15\_5\_H\_TID3\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_H\_TID4\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_H\_TID5\_Ant1#1



NTVN\_N66\_PC3\_15\_5\_H\_TID6\_Ant1#1



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**