



Report No.: SEWA2212000088RG02

Rev.: 01

Page: 1 of 98

Appendix B.20

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-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



Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	LIMIT(dBm)	Verdict
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.94	24.33	30	PASS
N66	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.91	24.3	30	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	23	23.39	30	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Left	23.93	24.32	30	PASS
N66	15	5	DFT-QPSK	L	Inner_1RB_Right	23.94	24.33	30	PASS
N66	15	5	DFT-QPSK	L	Outer_Full	22.99	23.38	30	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Left	22.77	23.16	30	PASS
N66	15	5	DFT-16QAM	L	Inner_1RB_Right	22.8	23.19	30	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	21.97	22.36	30	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Left	21.41	21.8	30	PASS
N66	15	5	DFT-64QAM	L	Inner_1RB_Right	21.37	21.76	30	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	21.55	21.94	30	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Left	19.48	19.87	30	PASS
N66	15	5	DFT-256QAM	L	Inner_1RB_Right	19.49	19.88	30	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	19.42	19.81	30	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.8	24.19	30	PASS
N66	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.97	24.36	30	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	22.93	23.32	30	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Left	23.73	24.12	30	PASS
N66	15	5	DFT-QPSK	M	Inner_1RB_Right	23.88	24.27	30	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	22.95	23.34	30	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Left	22.33	22.72	30	PASS
N66	15	5	DFT-16QAM	M	Inner_1RB_Right	22.54	22.93	30	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	21.87	22.26	30	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Left	21.16	21.55	30	PASS
N66	15	5	DFT-64QAM	M	Inner_1RB_Right	21.31	21.7	30	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	21.48	21.87	30	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Left	19.27	19.66	30	PASS
N66	15	5	DFT-256QAM	M	Inner_1RB_Right	19.44	19.83	30	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	19.27	19.66	30	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.73	24.12	30	PASS
N66	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.7	24.09	30	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, Rursheng 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	5	DFT-PI2BPSK	H	Outer_Full	22.8	23.19	30	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Left	23.69	24.08	30	PASS
N66	15	5	DFT-QPSK	H	Inner_1RB_Right	23.58	23.97	30	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	22.73	23.12	30	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Left	22.52	22.91	30	PASS
N66	15	5	DFT-16QAM	H	Inner_1RB_Right	22.5	22.89	30	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	21.68	22.07	30	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Left	21.17	21.56	30	PASS
N66	15	5	DFT-64QAM	H	Inner_1RB_Right	21.15	21.54	30	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	21.3	21.69	30	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Left	19.26	19.65	30	PASS
N66	15	5	DFT-256QAM	H	Inner_1RB_Right	19.22	19.61	30	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	19.21	19.6	30	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.03	24.42	30	PASS
N66	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.03	24.42	30	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	23.02	23.41	30	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Left	23.98	24.37	30	PASS
N66	15	10	DFT-QPSK	L	Inner_1RB_Right	24.06	24.45	30	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	23.09	23.48	30	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Left	22.6	22.99	30	PASS
N66	15	10	DFT-16QAM	L	Inner_1RB_Right	22.63	23.02	30	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	22.02	22.41	30	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Left	21.4	21.79	30	PASS
N66	15	10	DFT-64QAM	L	Inner_1RB_Right	21.4	21.79	30	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	21.57	21.96	30	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Left	19.47	19.86	30	PASS
N66	15	10	DFT-256QAM	L	Inner_1RB_Right	19.52	19.91	30	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	19.51	19.9	30	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.84	24.23	30	PASS
N66	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.05	24.44	30	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	22.97	23.36	30	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Left	23.89	24.28	30	PASS
N66	15	10	DFT-QPSK	M	Inner_1RB_Right	24.07	24.46	30	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	23.02	23.41	30	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Left	22.43	22.82	30	PASS
N66	15	10	DFT-16QAM	M	Inner_1RB_Right	22.65	23.04	30	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	21.98	22.37	30	PASS
N66	15	10	DFT-64QAM	M	Inner_1RB_Left	21.26	21.65	30	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	10	DFT-64QAM	M	Inner_1RB_Right	21.43	21.82	30	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	21.51	21.9	30	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Left	19.35	19.74	30	PASS
N66	15	10	DFT-256QAM	M	Inner_1RB_Right	19.49	19.88	30	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	19.44	19.83	30	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.92	24.31	30	PASS
N66	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.83	24.22	30	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	22.88	23.27	30	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Left	23.95	24.34	30	PASS
N66	15	10	DFT-QPSK	H	Inner_1RB_Right	23.8	24.19	30	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	22.92	23.31	30	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Left	22.5	22.89	30	PASS
N66	15	10	DFT-16QAM	H	Inner_1RB_Right	22.41	22.8	30	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	21.87	22.26	30	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Left	21.19	21.58	30	PASS
N66	15	10	DFT-64QAM	H	Inner_1RB_Right	21.26	21.65	30	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	21.38	21.77	30	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Left	19.39	19.78	30	PASS
N66	15	10	DFT-256QAM	H	Inner_1RB_Right	19.34	19.73	30	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	19.27	19.66	30	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.85	24.24	30	PASS
N66	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.97	24.36	30	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	23.08	23.47	30	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Left	23.9	24.29	30	PASS
N66	15	15	DFT-QPSK	L	Inner_1RB_Right	24.03	24.42	30	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	23.12	23.51	30	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Left	22.47	22.86	30	PASS
N66	15	15	DFT-16QAM	L	Inner_1RB_Right	22.58	22.97	30	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	22.11	22.5	30	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Left	21.27	21.66	30	PASS
N66	15	15	DFT-64QAM	L	Inner_1RB_Right	21.35	21.74	30	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	21.58	21.97	30	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Left	19.45	19.84	30	PASS
N66	15	15	DFT-256QAM	L	Inner_1RB_Right	19.5	19.89	30	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	19.61	20	30	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.87	24.26	30	PASS
N66	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.97	24.36	30	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	22.99	23.38	30	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	15	DFT-QPSK	M	Inner_1RB_Left	23.85	24.24	30	PASS
N66	15	15	DFT-QPSK	M	Inner_1RB_Right	23.97	24.36	30	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	22.94	23.33	30	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Left	22.56	22.95	30	PASS
N66	15	15	DFT-16QAM	M	Inner_1RB_Right	22.72	23.11	30	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	21.99	22.38	30	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Left	21.12	21.51	30	PASS
N66	15	15	DFT-64QAM	M	Inner_1RB_Right	21.24	21.63	30	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	21.45	21.84	30	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Left	19.34	19.73	30	PASS
N66	15	15	DFT-256QAM	M	Inner_1RB_Right	19.48	19.87	30	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	19.49	19.88	30	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.78	24.17	30	PASS
N66	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.64	24.03	30	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	22.85	23.24	30	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Left	23.76	24.15	30	PASS
N66	15	15	DFT-QPSK	H	Inner_1RB_Right	23.68	24.07	30	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	22.79	23.18	30	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Left	22.48	22.87	30	PASS
N66	15	15	DFT-16QAM	H	Inner_1RB_Right	22.44	22.83	30	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	21.8	22.19	30	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Left	21.05	21.44	30	PASS
N66	15	15	DFT-64QAM	H	Inner_1RB_Right	20.99	21.38	30	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	21.3	21.69	30	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Left	19.28	19.67	30	PASS
N66	15	15	DFT-256QAM	H	Inner_1RB_Right	19.18	19.57	30	PASS
N66	15	15	DFT-256QAM	H	Outer_Full	19.34	19.73	30	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.96	24.35	30	PASS
N66	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.92	24.31	30	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	23.08	23.47	30	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Left	24.02	24.41	30	PASS
N66	15	20	DFT-QPSK	L	Inner_1RB_Right	23.96	24.35	30	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	23.13	23.52	30	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Left	22.74	23.13	30	PASS
N66	15	20	DFT-16QAM	L	Inner_1RB_Right	22.72	23.11	30	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	22.09	22.48	30	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Left	21.36	21.75	30	PASS
N66	15	20	DFT-64QAM	L	Inner_1RB_Right	21.28	21.67	30	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	20	DFT-64QAM	L	Outer_Full	21.59	21.98	30	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Left	19.48	19.87	30	PASS
N66	15	20	DFT-256QAM	L	Inner_1RB_Right	19.41	19.8	30	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	19.64	20.03	30	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.9	24.29	30	PASS
N66	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.92	24.31	30	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	22.95	23.34	30	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Left	23.84	24.23	30	PASS
N66	15	20	DFT-QPSK	M	Inner_1RB_Right	24	24.39	30	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	22.99	23.38	30	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Left	22.41	22.8	30	PASS
N66	15	20	DFT-16QAM	M	Inner_1RB_Right	22.56	22.95	30	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	21.97	22.36	30	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Left	21.26	21.65	30	PASS
N66	15	20	DFT-64QAM	M	Inner_1RB_Right	21.32	21.71	30	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	21.49	21.88	30	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Left	19.35	19.74	30	PASS
N66	15	20	DFT-256QAM	M	Inner_1RB_Right	19.42	19.81	30	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	19.49	19.88	30	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.85	24.24	30	PASS
N66	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.66	24.05	30	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	22.85	23.24	30	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Left	23.88	24.27	30	PASS
N66	15	20	DFT-QPSK	H	Inner_1RB_Right	23.71	24.1	30	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	22.83	23.22	30	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Left	22.58	22.97	30	PASS
N66	15	20	DFT-16QAM	H	Inner_1RB_Right	22.43	22.82	30	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	21.86	22.25	30	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Left	21.1	21.49	30	PASS
N66	15	20	DFT-64QAM	H	Inner_1RB_Right	20.97	21.36	30	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	21.33	21.72	30	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Left	19.33	19.72	30	PASS
N66	15	20	DFT-256QAM	H	Inner_1RB_Right	19.15	19.54	30	PASS
N66	15	20	DFT-256QAM	H	Outer_Full	19.39	19.78	30	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	24.03	24.42	30	PASS
N66	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	24.03	24.42	30	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	23.04	23.43	30	PASS
N66	15	30	DFT-QPSK	L	Inner_1RB_Left	24.02	24.41	30	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	DFT-QPSK	L	Inner_1RB_Right	24.12	24.51	30	PASS
N66	15	30	DFT-QPSK	L	Outer_Full	23.04	23.43	30	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Left	22.58	22.97	30	PASS
N66	15	30	DFT-16QAM	L	Inner_1RB_Right	22.63	23.02	30	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	22.07	22.46	30	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Left	21.4	21.79	30	PASS
N66	15	30	DFT-64QAM	L	Inner_1RB_Right	21.44	21.83	30	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	21.53	21.92	30	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Left	19.53	19.92	30	PASS
N66	15	30	DFT-256QAM	L	Inner_1RB_Right	19.61	20	30	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	19.57	19.96	30	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.91	24.3	30	PASS
N66	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	24.14	24.53	30	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	23.08	23.47	30	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Left	23.85	24.24	30	PASS
N66	15	30	DFT-QPSK	M	Inner_1RB_Right	24.19	24.58	30	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	23.09	23.48	30	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Left	22.66	23.05	30	PASS
N66	15	30	DFT-16QAM	M	Inner_1RB_Right	22.96	23.35	30	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	22.06	22.45	30	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Left	21.19	21.58	30	PASS
N66	15	30	DFT-64QAM	M	Inner_1RB_Right	21.45	21.84	30	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	21.59	21.98	30	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Left	19.38	19.77	30	PASS
N66	15	30	DFT-256QAM	M	Inner_1RB_Right	19.65	20.04	30	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	19.59	19.98	30	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	24.03	24.42	30	PASS
N66	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.97	24.36	30	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	23.03	23.42	30	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Left	23.98	24.37	30	PASS
N66	15	30	DFT-QPSK	H	Inner_1RB_Right	24.03	24.42	30	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	23.05	23.44	30	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Left	22.55	22.94	30	PASS
N66	15	30	DFT-16QAM	H	Inner_1RB_Right	22.54	22.93	30	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	22	22.39	30	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Left	21.36	21.75	30	PASS
N66	15	30	DFT-64QAM	H	Inner_1RB_Right	21.36	21.75	30	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	21.52	21.91	30	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
 (86-512) 62992980 sgs.china@sgs.com



N66	15	30	DFT-256QAM	H	Inner_1RB_Left	19.55	19.94	30	PASS
N66	15	30	DFT-256QAM	H	Inner_1RB_Right	19.47	19.86	30	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	19.5	19.89	30	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.98	24.37	30	PASS
N66	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.05	24.44	30	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	22.98	23.37	30	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Left	24.02	24.41	30	PASS
N66	15	40	DFT-QPSK	L	Inner_1RB_Right	24.09	24.48	30	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	23.02	23.41	30	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Left	22.55	22.94	30	PASS
N66	15	40	DFT-16QAM	L	Inner_1RB_Right	22.59	22.98	30	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	22	22.39	30	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Left	21.36	21.75	30	PASS
N66	15	40	DFT-64QAM	L	Inner_1RB_Right	21.42	21.81	30	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	21.54	21.93	30	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Left	19.61	20	30	PASS
N66	15	40	DFT-256QAM	L	Inner_1RB_Right	19.81	20.2	30	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	19.52	19.91	30	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.88	24.27	30	PASS
N66	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.02	24.41	30	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	23.09	23.48	30	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Left	23.9	24.29	30	PASS
N66	15	40	DFT-QPSK	M	Inner_1RB_Right	23.99	24.38	30	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	23.09	23.48	30	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Left	22.58	22.97	30	PASS
N66	15	40	DFT-16QAM	M	Inner_1RB_Right	22.79	23.18	30	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	22.11	22.5	30	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Left	21.12	21.51	30	PASS
N66	15	40	DFT-64QAM	M	Inner_1RB_Right	20.89	21.28	30	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	21.6	21.99	30	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Left	19.5	19.89	30	PASS
N66	15	40	DFT-256QAM	M	Inner_1RB_Right	19.71	20.1	30	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	19.57	19.96	30	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.82	24.21	30	PASS
N66	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.1	24.49	30	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	23.07	23.46	30	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Left	23.83	24.22	30	PASS
N66	15	40	DFT-QPSK	H	Inner_1RB_Right	24.1	24.49	30	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
 (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWA2212000088RG02

Rev.: 01

Page: 9 of 98

N66	15	40	DFT-QPSK	H	Outer_Full	23.02	23.41	30	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Left	22.67	23.06	30	PASS
N66	15	40	DFT-16QAM	H	Inner_1RB_Right	22.9	23.29	30	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	22.02	22.41	30	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Left	21.25	21.64	30	PASS
N66	15	40	DFT-64QAM	H	Inner_1RB_Right	21.45	21.84	30	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	21.54	21.93	30	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Left	19.41	19.8	30	PASS
N66	15	40	DFT-256QAM	H	Inner_1RB_Right	19.61	20	30	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	19.55	19.94	30	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 Laboratory Technical Services

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

Peak-to-Average Ratio(PAPR)

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	9.27	≤13	PASS
N66	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.55	≤13	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.20	≤13	PASS
N66	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.50	≤13	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.29	≤13	PASS
N66	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.34	≤13	PASS

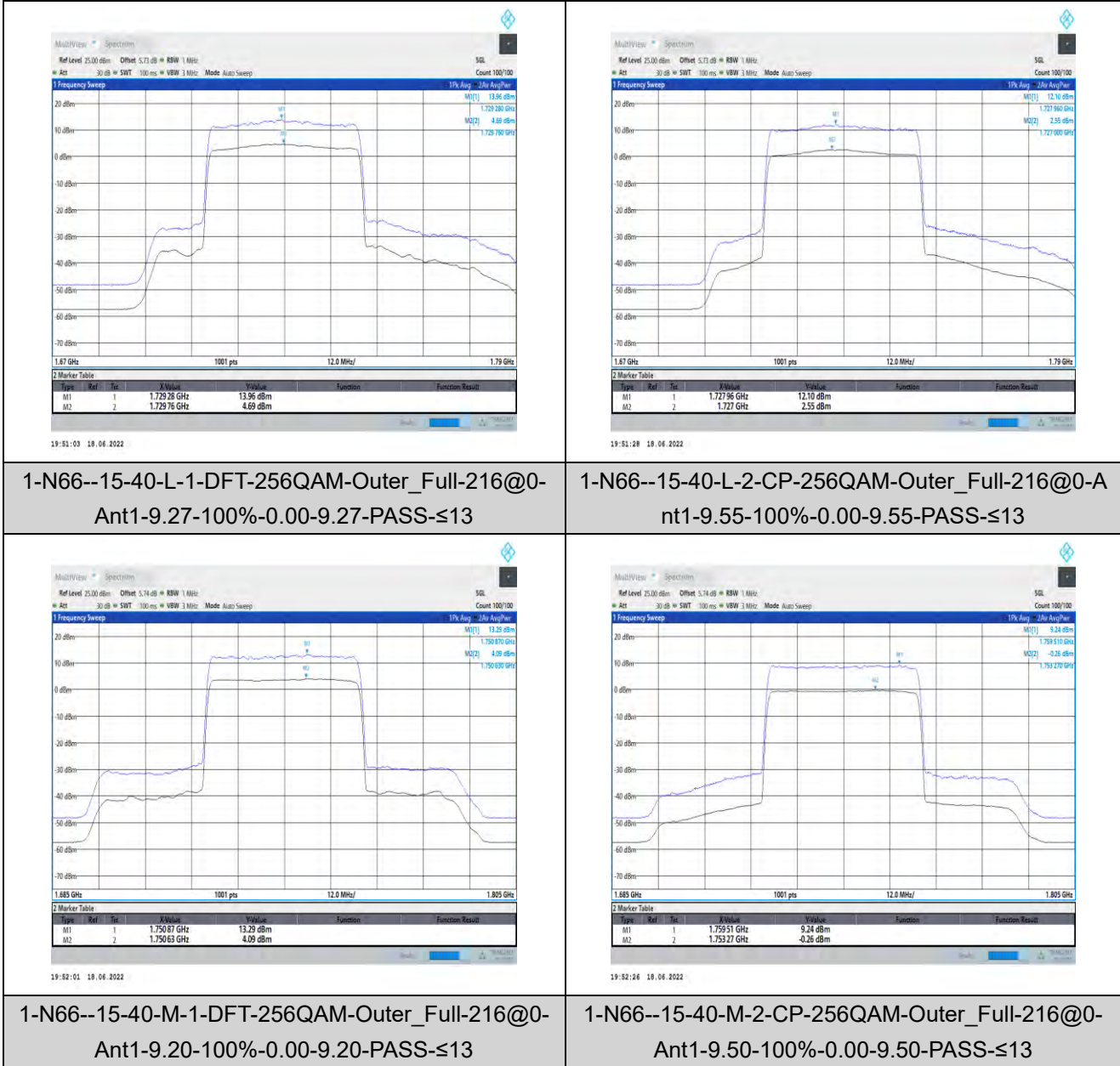


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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

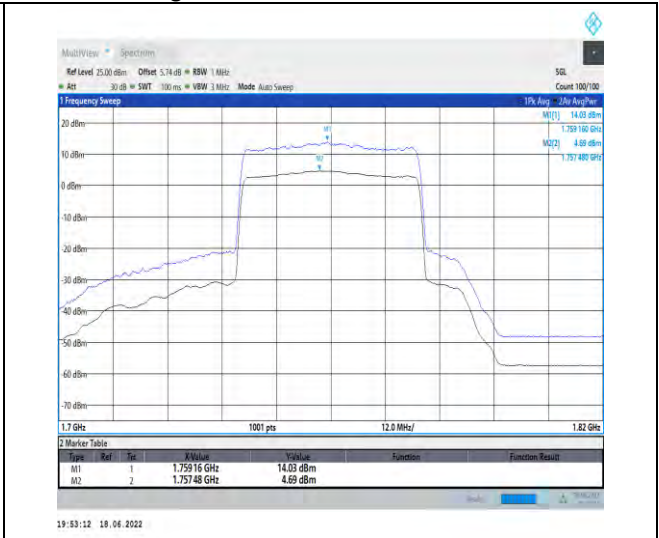
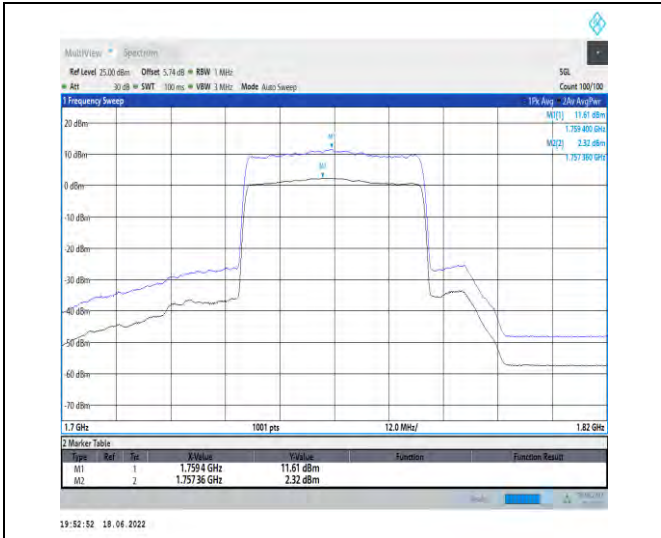
Test Graphs



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

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

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



1-N66--15-40-H-1-DFT-256QAM-Outer_Full-216@0-Ant1-9.29-100%-0.00-9.29-PASS-≤13

1-N66--15-40-H-2-CP-256QAM-Outer_Full-216@0-Ant1-9.34-100%-0.00-9.34-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

Modulation characteristics for SA

Test Result

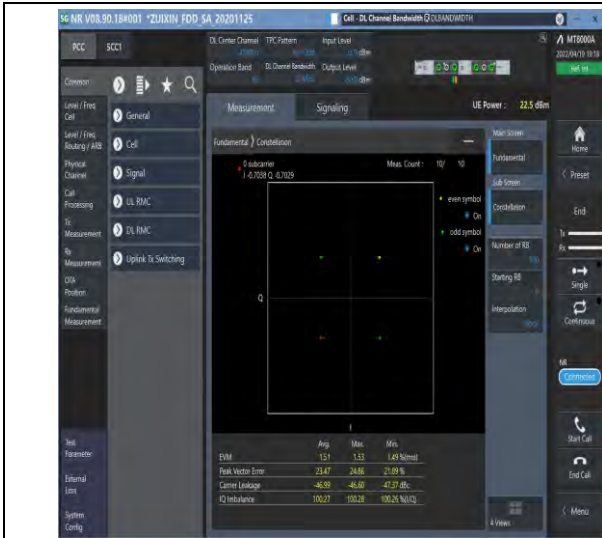
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N66	15	40	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	see graph	PASS
N66	15	40	DFT-16QAM	M	Outer_Full	see graph	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	see graph	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	see graph	PASS
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



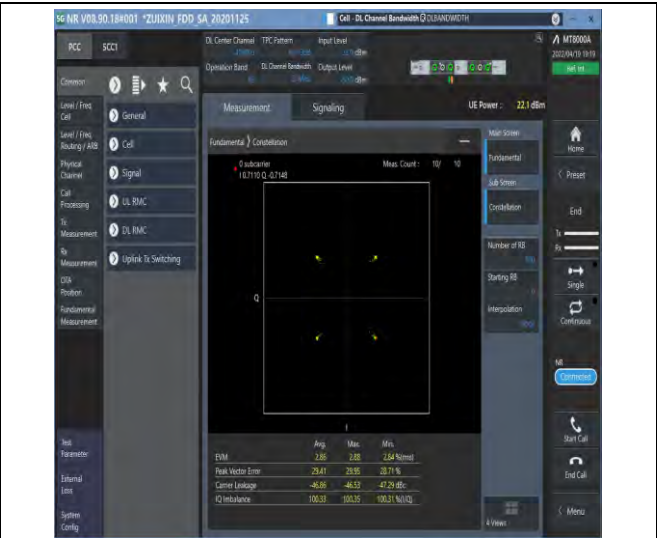
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

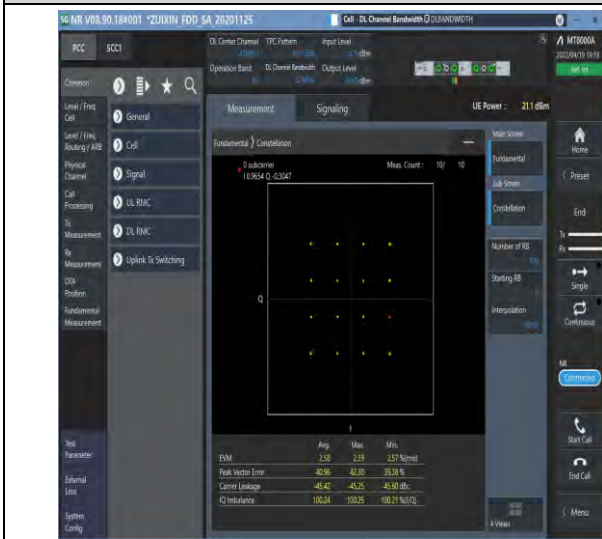
Test Graphs



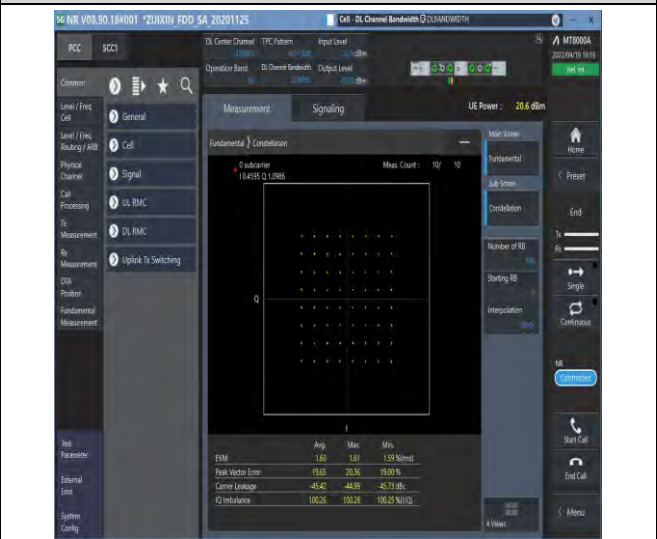
1-N66-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-10@0-Ant1-see graph-PASS



1-N66-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant1-see graph-PASS



1-N66-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-see graph-PASS

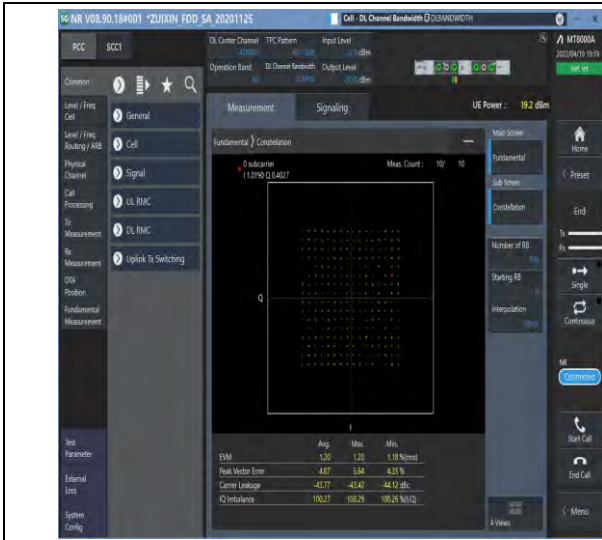


1-N66-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-see graph-PASS

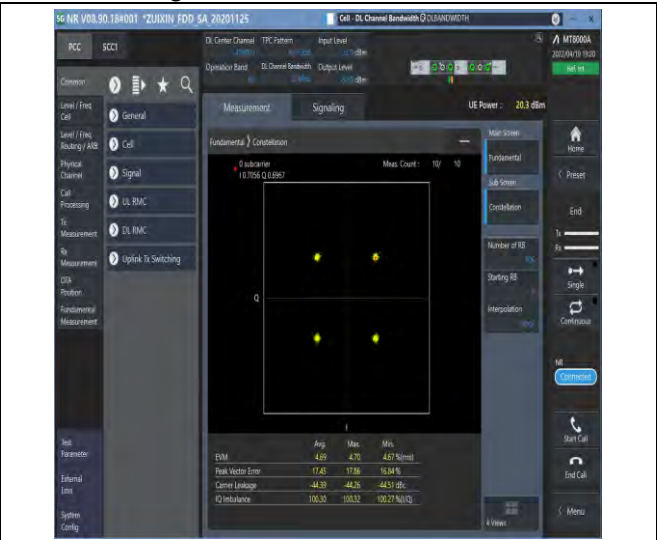


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

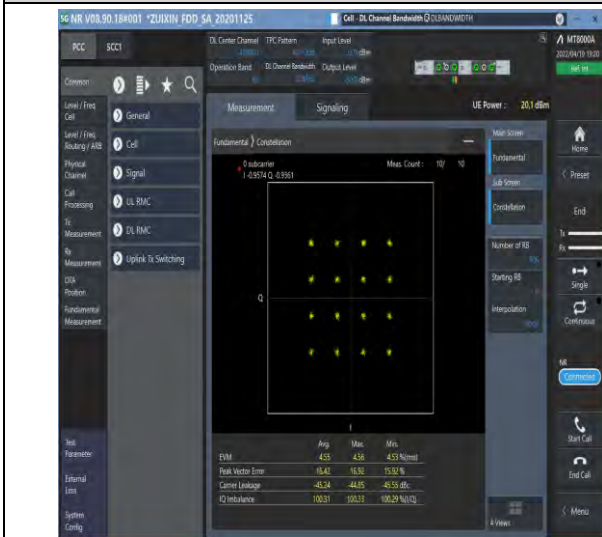
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 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



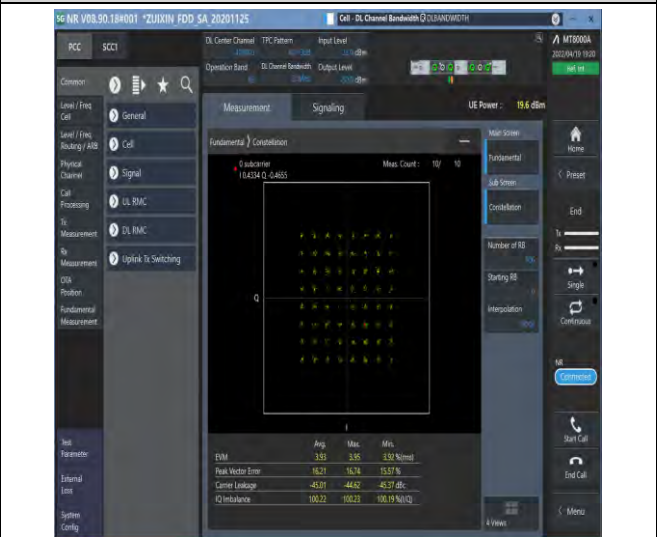
1-N66-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-see graph-PASS



1-N66-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0
-Ant1-see graph-PASS



1-N66-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0
0-Ant1-see graph-PASS



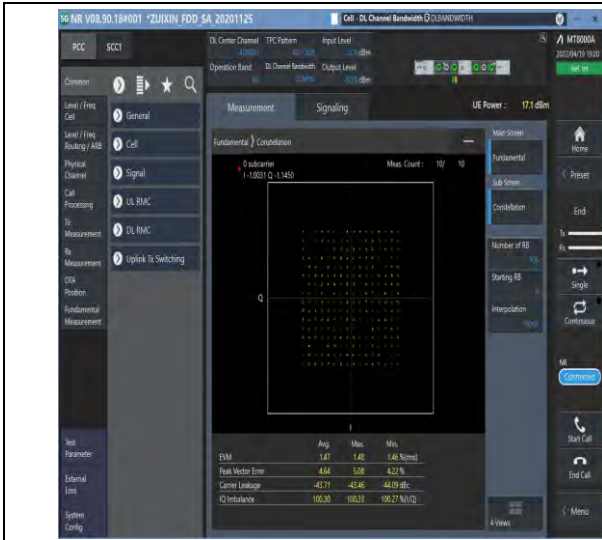
1-N66-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0
0-Ant1-see graph-PASS



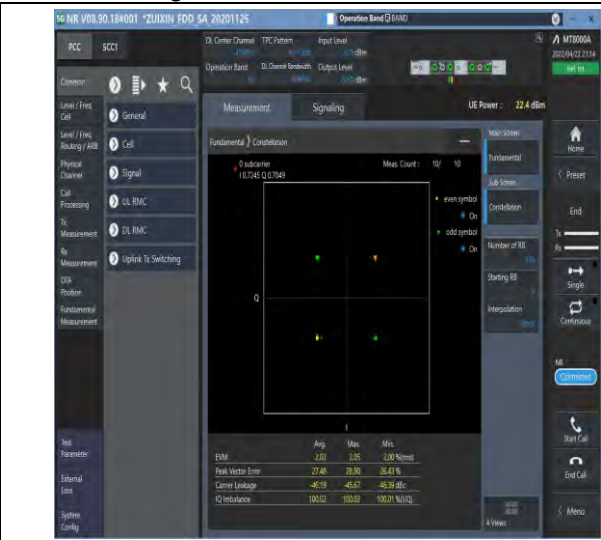
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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



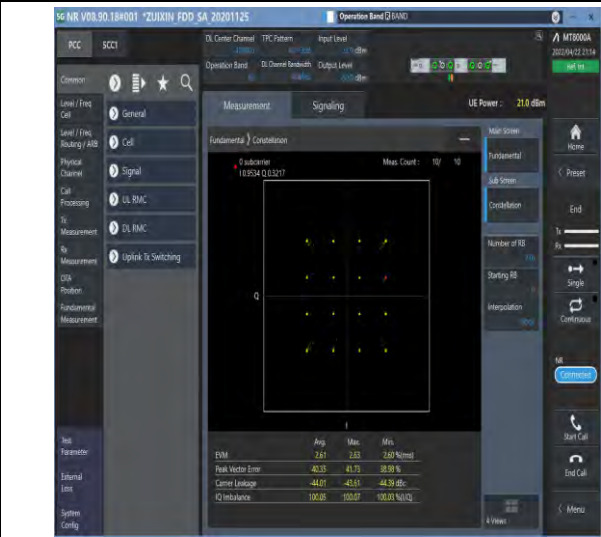
1-N66-PC3-15-20-M-9-CP-256QAM-Outer_Full-106 @0-Ant1-see graph-PASS



1-N66-PC3-15-40-M-1-DFT-PI2BPSK-Outer_Full-216 @0-Ant1-see graph-PASS



1-N66-PC3-15-40-M-2-DFT-QPSK-Outer_Full-216 @0-Ant1-see graph-PASS



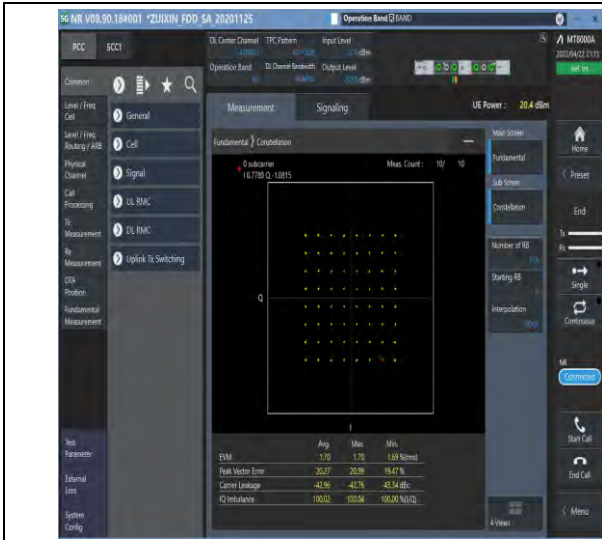
1-N66-PC3-15-40-M-3-DFT-16QAM-Outer_Full-216 @0-Ant1-see graph-PASS



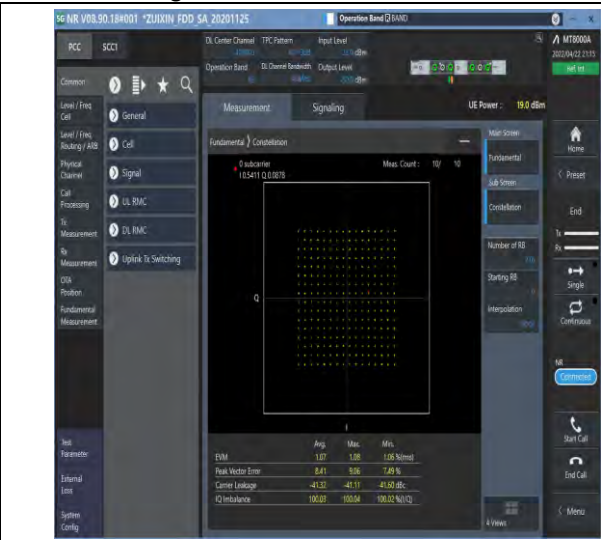
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

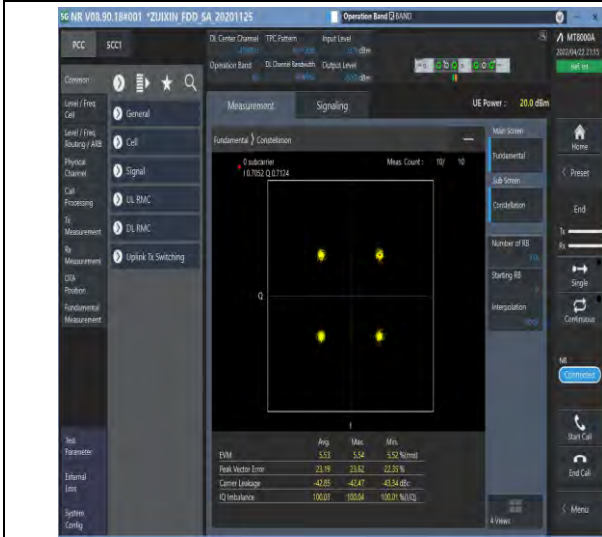
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



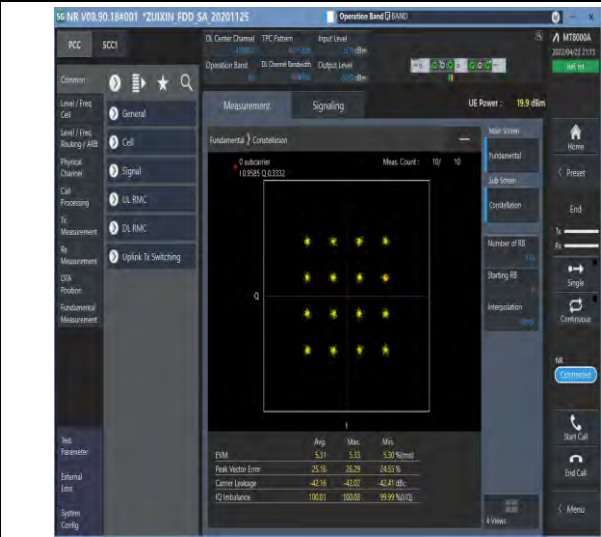
1-N66-PC3-15-40-M-4-DFT-64QAM-Outer_Full-216 @0-Ant1-see graph-PASS



1-N66-PC3-15-40-M-5-DFT-256QAM-Outer_Full-216 @0-Ant1-see graph-PASS



1-N66-PC3-15-40-M-6-CP-QPSK-Outer_Full-216@0 -Ant1-see graph-PASS

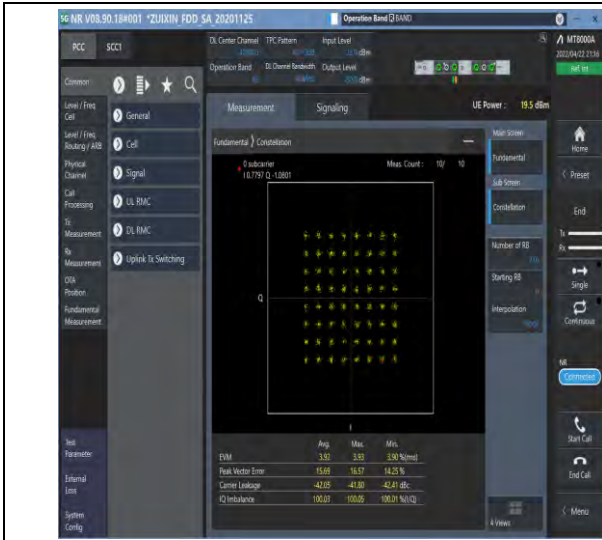


1-N66-PC3-15-40-M-7-CP-16QAM-Outer_Full-216@ 0-Ant1-see graph-PASS

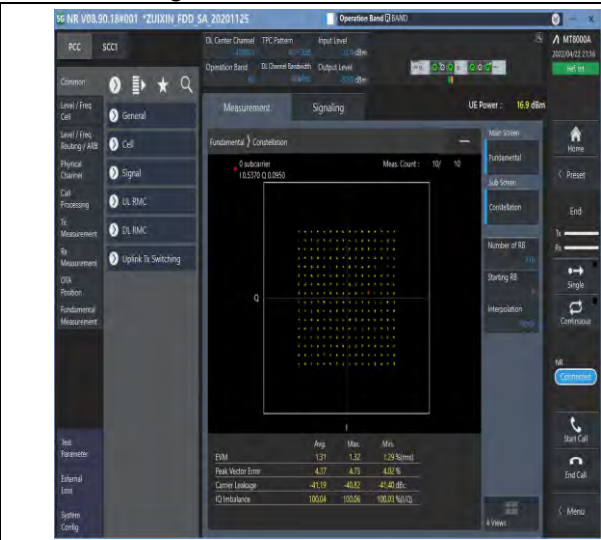


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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-N66-PC3-15-40-M-8-CP-64QAM-Outer_Full-216@
0-Ant1-see graph-PASS



1-N66-PC3-15-40-M-9-CP-256QAM-Outer_Full-216
@0-Ant1-see graph-PASS



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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
N66	15	5	DFT-QPSK	L	Outer_Full	4.479	4.820	PASS
N66	15	5	DFT-PI2BPSK	L	Outer_Full	4.451	4.840	PASS
N66	15	5	DFT-16QAM	L	Outer_Full	4.465	4.920	PASS
N66	15	5	DFT-64QAM	L	Outer_Full	4.468	4.900	PASS
N66	15	5	DFT-256QAM	L	Outer_Full	4.473	4.910	PASS
N66	15	5	CP-QPSK	L	Outer_Full	4.466	4.900	PASS
N66	15	5	CP-16QAM	L	Outer_Full	4.461	4.880	PASS
N66	15	5	CP-64QAM	L	Outer_Full	4.465	4.890	PASS
N66	15	5	CP-256QAM	L	Outer_Full	4.484	4.910	PASS
N66	15	5	DFT-QPSK	M	Outer_Full	4.483	4.910	PASS
N66	15	5	DFT-PI2BPSK	M	Outer_Full	4.461	4.860	PASS
N66	15	5	DFT-16QAM	M	Outer_Full	4.466	4.840	PASS
N66	15	5	DFT-64QAM	M	Outer_Full	4.472	4.870	PASS
N66	15	5	DFT-256QAM	M	Outer_Full	4.477	4.860	PASS
N66	15	5	CP-QPSK	M	Outer_Full	4.477	4.960	PASS
N66	15	5	CP-16QAM	M	Outer_Full	4.462	4.880	PASS
N66	15	5	CP-64QAM	M	Outer_Full	4.476	4.830	PASS
N66	15	5	CP-256QAM	M	Outer_Full	4.471	4.850	PASS
N66	15	5	DFT-QPSK	H	Outer_Full	4.461	4.830	PASS
N66	15	5	DFT-PI2BPSK	H	Outer_Full	4.475	4.870	PASS
N66	15	5	DFT-16QAM	H	Outer_Full	4.464	4.910	PASS
N66	15	5	DFT-64QAM	H	Outer_Full	4.465	4.900	PASS
N66	15	5	DFT-256QAM	H	Outer_Full	4.469	4.870	PASS
N66	15	5	CP-QPSK	H	Outer_Full	4.465	4.860	PASS
N66	15	5	CP-16QAM	H	Outer_Full	4.462	4.850	PASS
N66	15	5	CP-64QAM	H	Outer_Full	4.469	4.940	PASS
N66	15	5	CP-256QAM	H	Outer_Full	4.477	4.870	PASS
N66	15	10	DFT-QPSK	L	Outer_Full	8.934	9.500	PASS
N66	15	10	DFT-PI2BPSK	L	Outer_Full	8.909	9.520	PASS
N66	15	10	DFT-16QAM	L	Outer_Full	8.948	9.480	PASS
N66	15	10	DFT-64QAM	L	Outer_Full	8.926	9.520	PASS
N66	15	10	DFT-256QAM	L	Outer_Full	8.939	9.600	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	10	CP-QPSK	L	Outer_Full	9.284	9.880	PASS
N66	15	10	CP-16QAM	L	Outer_Full	9.271	9.900	PASS
N66	15	10	CP-64QAM	L	Outer_Full	9.289	9.980	PASS
N66	15	10	CP-256QAM	L	Outer_Full	9.296	9.900	PASS
N66	15	10	DFT-QPSK	M	Outer_Full	8.928	9.500	PASS
N66	15	10	DFT-PI2BPSK	M	Outer_Full	8.931	9.620	PASS
N66	15	10	DFT-16QAM	M	Outer_Full	8.914	9.480	PASS
N66	15	10	DFT-64QAM	M	Outer_Full	8.912	9.540	PASS
N66	15	10	DFT-256QAM	M	Outer_Full	8.937	9.520	PASS
N66	15	10	CP-QPSK	M	Outer_Full	9.298	9.880	PASS
N66	15	10	CP-16QAM	M	Outer_Full	9.265	9.840	PASS
N66	15	10	CP-64QAM	M	Outer_Full	9.283	9.960	PASS
N66	15	10	CP-256QAM	M	Outer_Full	9.29	9.860	PASS
N66	15	10	DFT-QPSK	H	Outer_Full	8.92	9.460	PASS
N66	15	10	DFT-PI2BPSK	H	Outer_Full	8.906	9.460	PASS
N66	15	10	DFT-16QAM	H	Outer_Full	8.92	9.480	PASS
N66	15	10	DFT-64QAM	H	Outer_Full	8.934	9.580	PASS
N66	15	10	DFT-256QAM	H	Outer_Full	8.947	9.560	PASS
N66	15	10	CP-QPSK	H	Outer_Full	9.309	9.900	PASS
N66	15	10	CP-16QAM	H	Outer_Full	9.286	9.900	PASS
N66	15	10	CP-64QAM	H	Outer_Full	9.298	9.920	PASS
N66	15	10	CP-256QAM	H	Outer_Full	9.29	9.840	PASS
N66	15	15	DFT-QPSK	L	Outer_Full	13.479	14.160	PASS
N66	15	15	DFT-PI2BPSK	L	Outer_Full	13.423	14.100	PASS
N66	15	15	DFT-16QAM	L	Outer_Full	13.435	14.190	PASS
N66	15	15	DFT-64QAM	L	Outer_Full	13.444	14.310	PASS
N66	15	15	DFT-256QAM	L	Outer_Full	13.442	14.190	PASS
N66	15	15	CP-QPSK	L	Outer_Full	14.123	14.880	PASS
N66	15	15	CP-16QAM	L	Outer_Full	14.13	14.940	PASS
N66	15	15	CP-64QAM	L	Outer_Full	14.138	14.790	PASS
N66	15	15	CP-256QAM	L	Outer_Full	14.114	14.790	PASS
N66	15	15	DFT-QPSK	M	Outer_Full	13.453	14.130	PASS
N66	15	15	DFT-PI2BPSK	M	Outer_Full	13.461	14.310	PASS
N66	15	15	DFT-16QAM	M	Outer_Full	13.458	14.250	PASS
N66	15	15	DFT-64QAM	M	Outer_Full	13.429	14.100	PASS
N66	15	15	DFT-256QAM	M	Outer_Full	13.435	14.220	PASS
N66	15	15	CP-QPSK	M	Outer_Full	14.102	14.850	PASS
N66	15	15	CP-16QAM	M	Outer_Full	14.099	14.820	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



N66	15	15	CP-64QAM	M	Outer_Full	14.128	14.910	PASS
N66	15	15	CP-256QAM	M	Outer_Full	14.158	14.940	PASS
N66	15	15	DFT-QPSK	H	Outer_Full	13.441	14.250	PASS
N66	15	15	DFT-PI2BPSK	H	Outer_Full	13.444	14.310	PASS
N66	15	15	DFT-16QAM	H	Outer_Full	13.428	14.310	PASS
N66	15	15	DFT-64QAM	H	Outer_Full	13.412	14.160	PASS
N66	15	15	DFT-256QAM	H	Outer_Full	13.45	14.280	PASS
N66	15	15	CP-QPSK	H	Outer_Full	14.119	14.790	PASS
N66	15	15	CP-16QAM	H	Outer_Full	14.114	14.940	PASS
N66	15	15	CP-64QAM	H	Outer_Full	14.153	14.760	PASS
N66	15	15	CP-256QAM	H	Outer_Full	14.098	14.940	PASS
N66	15	20	DFT-QPSK	L	Outer_Full	17.869	18.720	PASS
N66	15	20	DFT-PI2BPSK	L	Outer_Full	17.871	18.720	PASS
N66	15	20	DFT-16QAM	L	Outer_Full	17.892	18.680	PASS
N66	15	20	DFT-64QAM	L	Outer_Full	17.871	18.600	PASS
N66	15	20	DFT-256QAM	L	Outer_Full	17.892	18.720	PASS
N66	15	20	CP-QPSK	L	Outer_Full	18.905	19.640	PASS
N66	15	20	CP-16QAM	L	Outer_Full	18.886	19.720	PASS
N66	15	20	CP-64QAM	L	Outer_Full	18.913	19.840	PASS
N66	15	20	CP-256QAM	L	Outer_Full	18.837	19.720	PASS
N66	15	20	DFT-QPSK	M	Outer_Full	17.858	18.720	PASS
N66	15	20	DFT-PI2BPSK	M	Outer_Full	17.888	18.640	PASS
N66	15	20	DFT-16QAM	M	Outer_Full	17.89	18.760	PASS
N66	15	20	DFT-64QAM	M	Outer_Full	17.904	18.760	PASS
N66	15	20	DFT-256QAM	M	Outer_Full	17.877	18.800	PASS
N66	15	20	CP-QPSK	M	Outer_Full	18.926	19.800	PASS
N66	15	20	CP-16QAM	M	Outer_Full	18.931	19.720	PASS
N66	15	20	CP-64QAM	M	Outer_Full	18.937	19.800	PASS
N66	15	20	CP-256QAM	M	Outer_Full	18.929	19.840	PASS
N66	15	20	DFT-QPSK	H	Outer_Full	17.894	18.720	PASS
N66	15	20	DFT-PI2BPSK	H	Outer_Full	17.887	18.640	PASS
N66	15	20	DFT-16QAM	H	Outer_Full	17.884	18.760	PASS
N66	15	20	DFT-64QAM	H	Outer_Full	17.904	18.720	PASS
N66	15	20	DFT-256QAM	H	Outer_Full	17.884	18.800	PASS
N66	15	20	CP-QPSK	H	Outer_Full	18.925	19.800	PASS
N66	15	20	CP-16QAM	H	Outer_Full	18.98	19.720	PASS
N66	15	20	CP-64QAM	H	Outer_Full	18.921	19.760	PASS
N66	15	20	CP-256QAM	H	Outer_Full	18.902	19.720	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



N66	15	30	DFT-QPSK	L	Outer_Full	28.52	29.700	PASS
N66	15	30	DFT-PI2BPSK	L	Outer_Full	28.533	29.760	PASS
N66	15	30	DFT-16QAM	L	Outer_Full	28.588	29.640	PASS
N66	15	30	DFT-64QAM	L	Outer_Full	28.476	29.700	PASS
N66	15	30	DFT-256QAM	L	Outer_Full	28.515	29.640	PASS
N66	15	30	CP-QPSK	L	Outer_Full	28.462	29.700	PASS
N66	15	30	CP-16QAM	L	Outer_Full	28.436	29.820	PASS
N66	15	30	CP-64QAM	L	Outer_Full	28.465	29.700	PASS
N66	15	30	CP-256QAM	L	Outer_Full	28.379	29.580	PASS
N66	15	30	DFT-QPSK	M	Outer_Full	28.591	29.580	PASS
N66	15	30	DFT-PI2BPSK	M	Outer_Full	28.548	29.700	PASS
N66	15	30	DFT-16QAM	M	Outer_Full	28.595	29.580	PASS
N66	15	30	DFT-64QAM	M	Outer_Full	28.613	29.640	PASS
N66	15	30	DFT-256QAM	M	Outer_Full	28.553	29.580	PASS
N66	15	30	CP-QPSK	M	Outer_Full	28.487	29.640	PASS
N66	15	30	CP-16QAM	M	Outer_Full	28.493	29.880	PASS
N66	15	30	CP-64QAM	M	Outer_Full	28.461	29.700	PASS
N66	15	30	CP-256QAM	M	Outer_Full	28.465	29.700	PASS
N66	15	30	DFT-QPSK	H	Outer_Full	28.538	29.700	PASS
N66	15	30	DFT-PI2BPSK	H	Outer_Full	28.575	29.640	PASS
N66	15	30	DFT-16QAM	H	Outer_Full	28.556	29.700	PASS
N66	15	30	DFT-64QAM	H	Outer_Full	28.553	29.640	PASS
N66	15	30	DFT-256QAM	H	Outer_Full	28.534	29.700	PASS
N66	15	30	CP-QPSK	H	Outer_Full	28.49	29.640	PASS
N66	15	30	CP-16QAM	H	Outer_Full	28.517	29.640	PASS
N66	15	30	CP-64QAM	H	Outer_Full	28.536	29.580	PASS
N66	15	30	CP-256QAM	H	Outer_Full	28.476	29.760	PASS
N66	15	40	DFT-QPSK	L	Outer_Full	38.407	40.240	PASS
N66	15	40	DFT-PI2BPSK	L	Outer_Full	38.354	40.080	PASS
N66	15	40	DFT-16QAM	L	Outer_Full	38.454	40.160	PASS
N66	15	40	DFT-64QAM	L	Outer_Full	38.464	40.160	PASS
N66	15	40	DFT-256QAM	L	Outer_Full	38.446	40.160	PASS
N66	15	40	CP-QPSK	L	Outer_Full	38.417	40.160	PASS
N66	15	40	CP-16QAM	L	Outer_Full	38.538	40.160	PASS
N66	15	40	CP-64QAM	L	Outer_Full	38.446	40.160	PASS
N66	15	40	CP-256QAM	L	Outer_Full	38.485	40.080	PASS
N66	15	40	DFT-QPSK	M	Outer_Full	38.538	40.240	PASS
N66	15	40	DFT-PI2BPSK	M	Outer_Full	38.476	40.160	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.: SEWA2212000088RG02

Rev.: 01

Page: 23 of 98

N66	15	40	DFT-16QAM	M	Outer_Full	38.493	40.160	PASS
N66	15	40	DFT-64QAM	M	Outer_Full	38.56	40.160	PASS
N66	15	40	DFT-256QAM	M	Outer_Full	38.527	40.160	PASS
N66	15	40	CP-QPSK	M	Outer_Full	38.499	40.160	PASS
N66	15	40	CP-16QAM	M	Outer_Full	38.485	40.160	PASS
N66	15	40	CP-64QAM	M	Outer_Full	38.466	40.160	PASS
N66	15	40	CP-256QAM	M	Outer_Full	38.469	40.160	PASS
N66	15	40	DFT-QPSK	H	Outer_Full	38.531	40.160	PASS
N66	15	40	DFT-PI2BPSK	H	Outer_Full	38.301	40.080	PASS
N66	15	40	DFT-16QAM	H	Outer_Full	38.491	40.160	PASS
N66	15	40	DFT-64QAM	H	Outer_Full	38.401	40.160	PASS
N66	15	40	DFT-256QAM	H	Outer_Full	38.374	40.160	PASS
N66	15	40	CP-QPSK	H	Outer_Full	38.461	40.160	PASS
N66	15	40	CP-16QAM	H	Outer_Full	38.471	40.160	PASS
N66	15	40	CP-64QAM	H	Outer_Full	38.393	40.160	PASS
N66	15	40	CP-256QAM	H	Outer_Full	38.513	40.160	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.

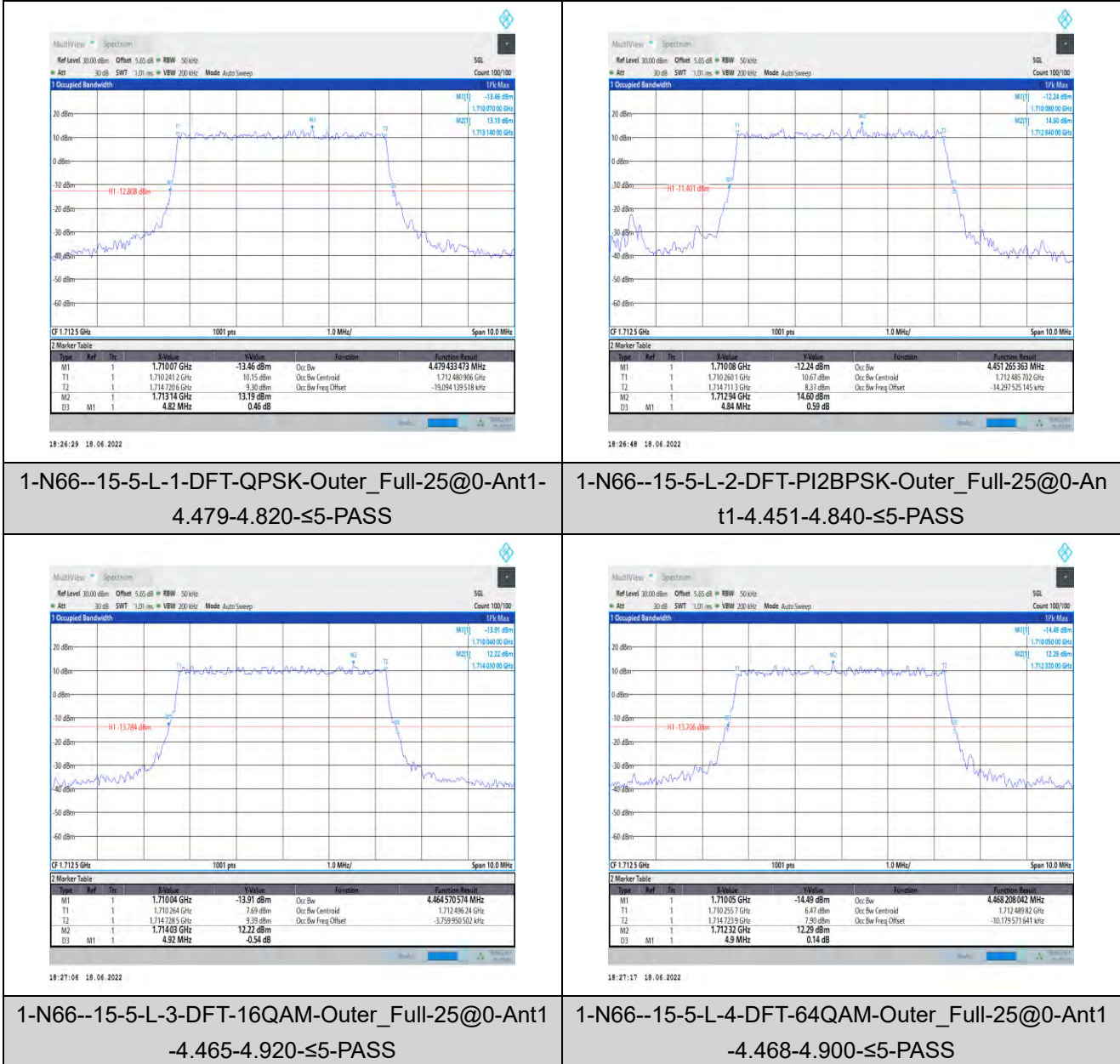
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

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

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

Test Graphs



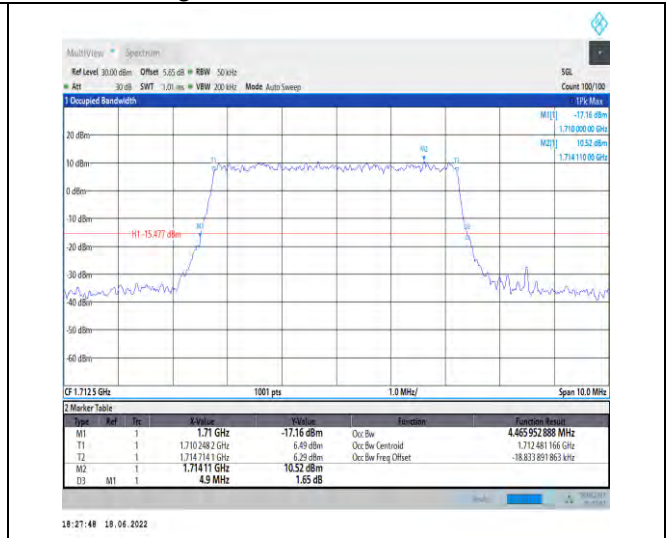
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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



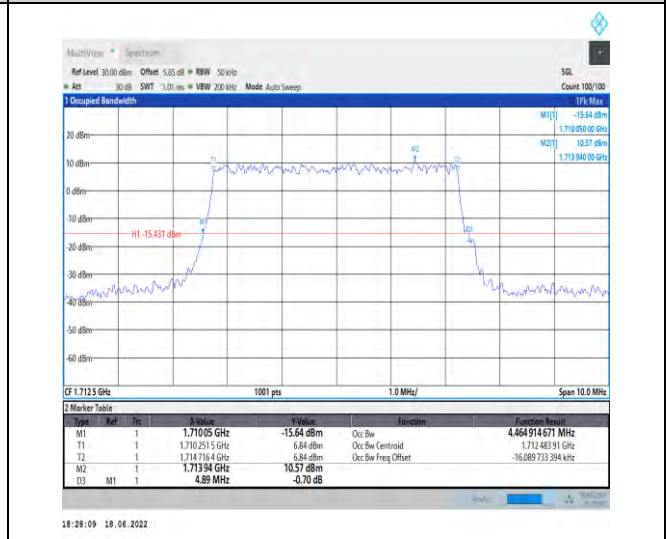
1-N66--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.473-4.910-≤5-PASS



1-N66--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-4.466-4.900-≤5-PASS



1-N66--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.461-4.880-≤5-PASS



1-N66--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.465-4.890-≤5-PASS



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

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

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

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



1-N66--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.484-4.910-≤5-PASS

1-N66--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1
4.483-4.910-≤5-PASS



1-N66--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-4.461-4.860-≤5-PASS

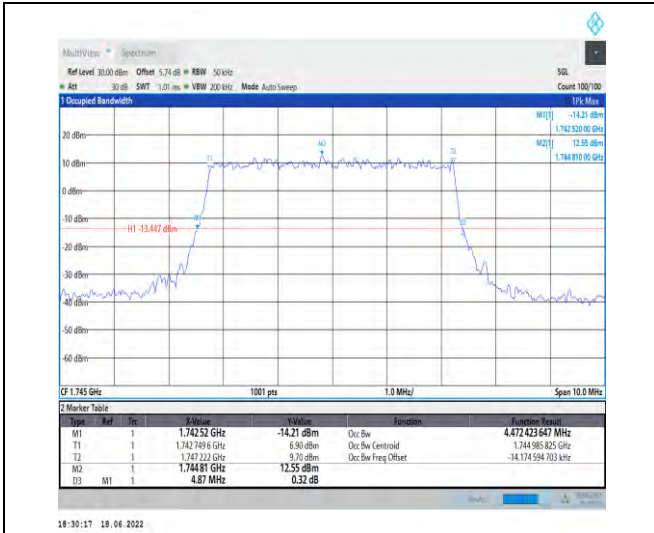
1-N66--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.466-4.840-≤5-PASS



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

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

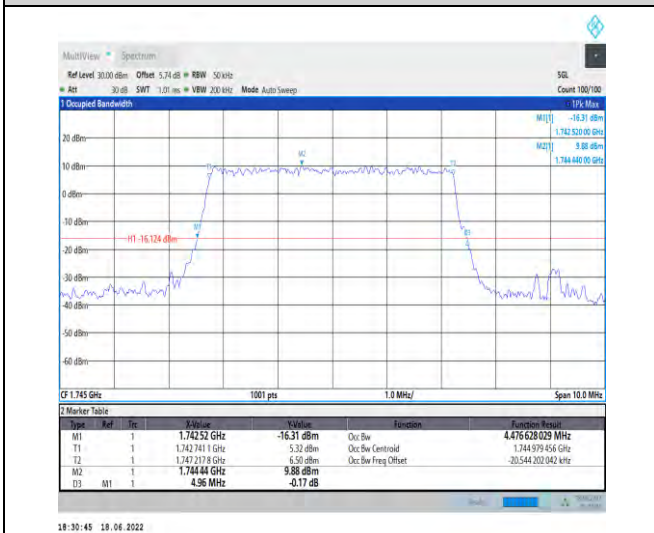
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



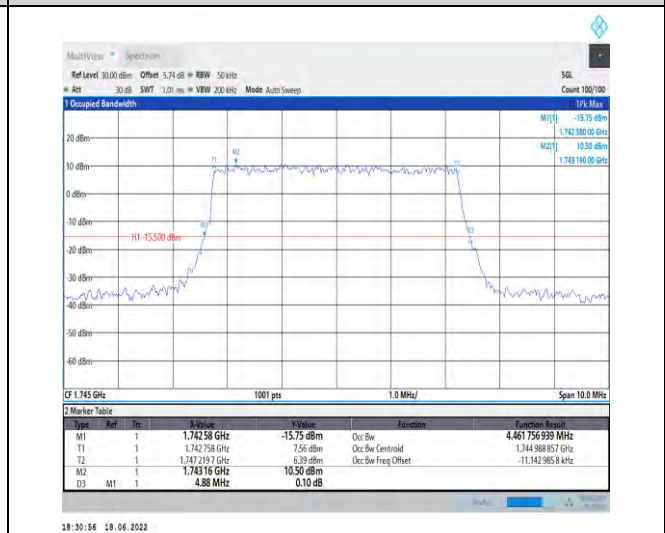
1-N66--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant
1-4.472-4.870-≤5-PASS



1-N66--15-5-M-5-DFT-256QAM-Outer_Full-25@0-An
t1-4.477-4.860-≤5-PASS



1-N66--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1
4.477-4.960-≤5-PASS



1-N66--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1
-4.462-4.880-≤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.

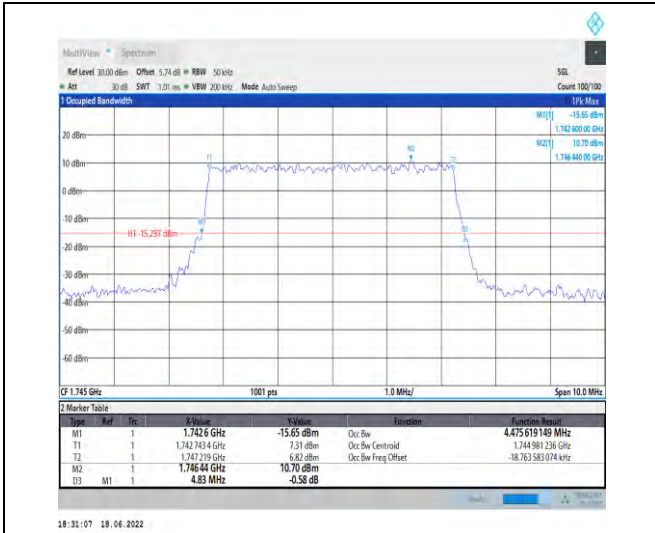
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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跨塘路1号的6号厂房南楼 邮编: 215000

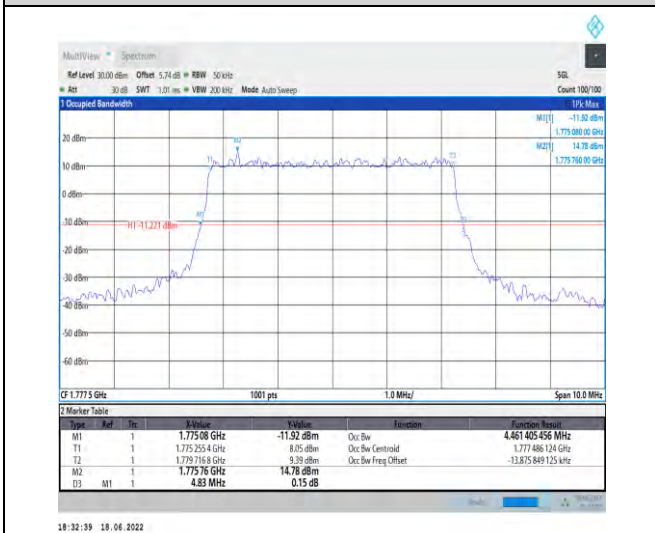
t (86-512) 62992980 sgs.china@sgs.com



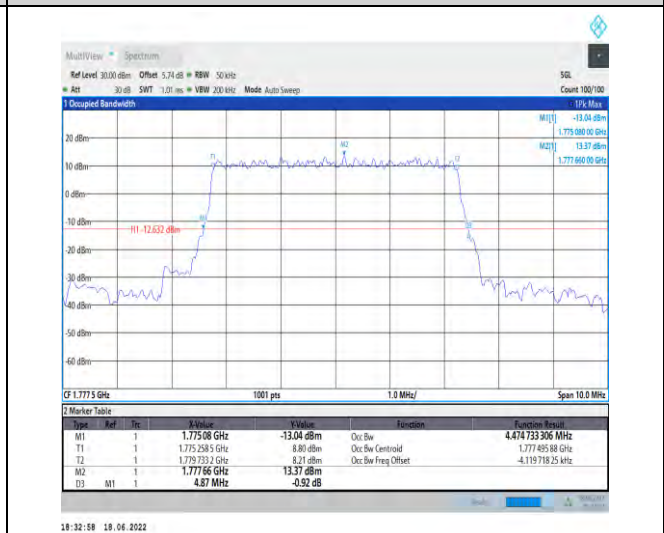
1-N66--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1
-4.476-4.830-≤5-PASS



1-N66--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant
1-4.471-4.850-≤5-PASS



1-N66--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant1-
4.461-4.830-≤5-PASS



1-N66--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-A
nt1-4.475-4.870-≤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-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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湖胜路1号的6号厂房南座 邮编: 215000

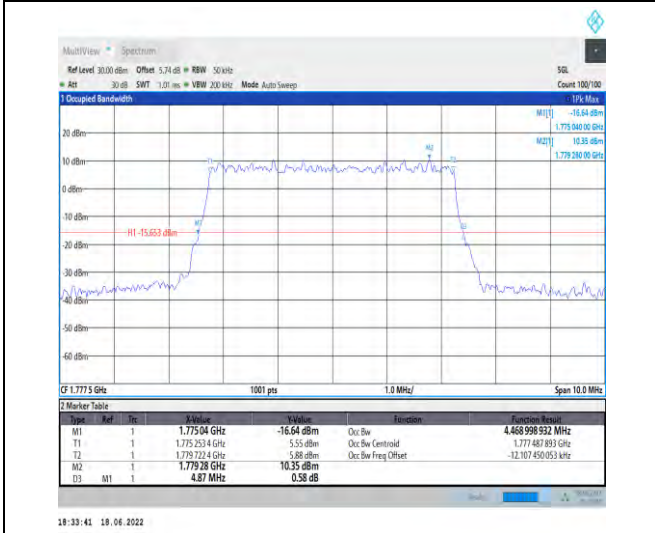
t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant
1-4.464-4.910-≤5-PASS



1-N66--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant
1-4.465-4.900-≤5-PASS



1-N66--15-5-H-5-DFT-256QAM-Outer_Full-25@0-An
t1-4.469-4.870-≤5-PASS



1-N66--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-4
.465-4.860-≤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-and-Conditions-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.

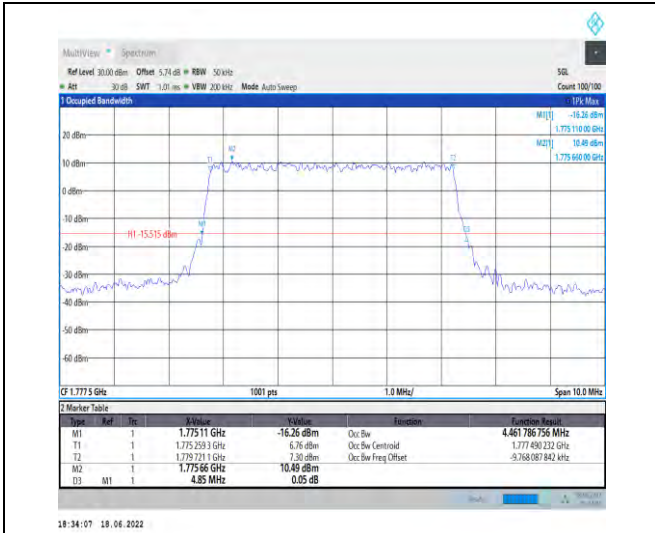
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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

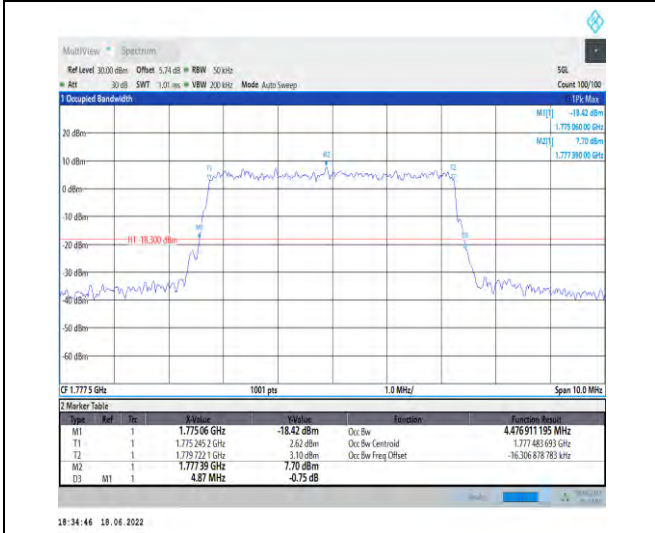
t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.462-4.850-≤5-PASS



1-N66--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.469-4.940-≤5-PASS



1-N66--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.477-4.870-≤5-PASS



1-N66--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.934-9.500-≤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

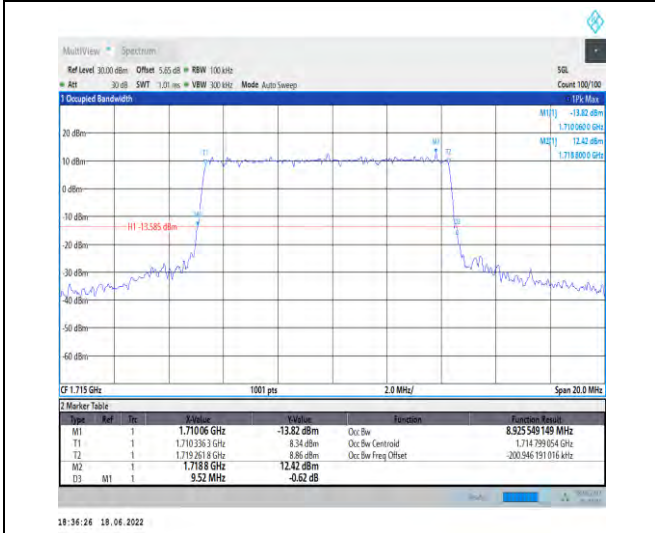
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt1-8.909-9.520-≤10-PASS



1-N66--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant
1-8.948-9.480-≤10-PASS



1-N66--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant
1-8.926-9.520-≤10-PASS



1-N66--15-10-L-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.939-9.600-≤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.

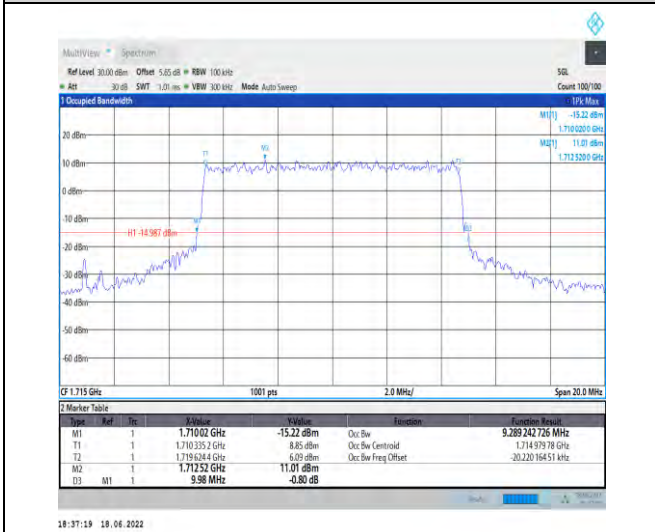
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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-N66--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.284-9.880-≤10-PASS

1-N66--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.271-9.900-≤10-PASS



1-N66--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.289-9.980-≤10-PASS

1-N66--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.296-9.900-≤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-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) 8307 1443, or email: CN.Doccheck@sgs.com

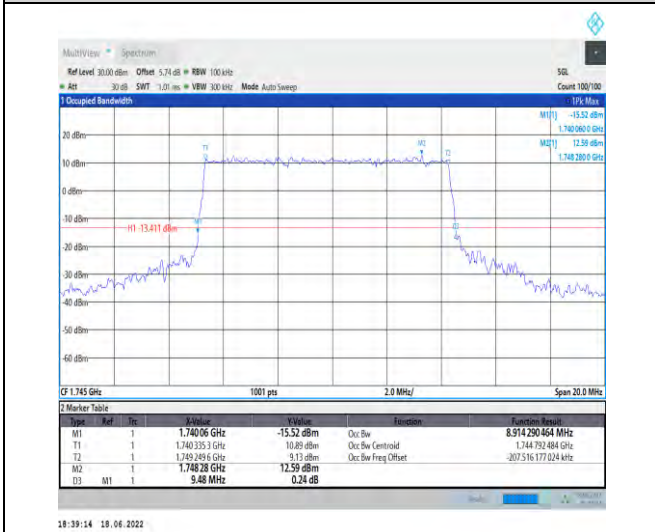
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



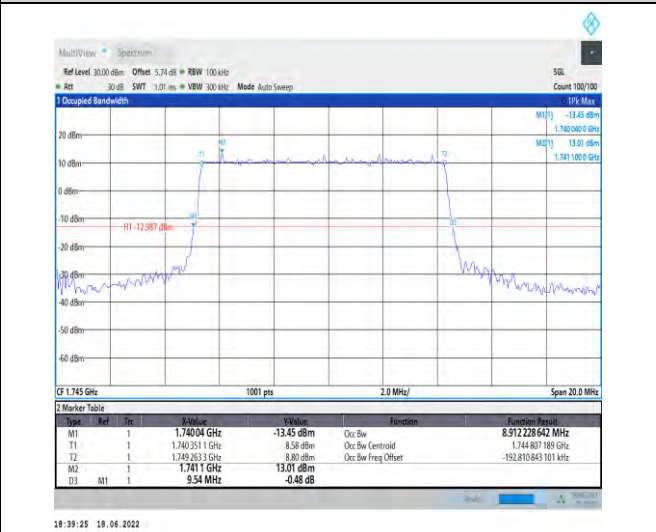
1-N66--15-10-M-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.928-9.500-≤10-PASS



1-N66--15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.931-9.620-≤10-PASS



1-N66--15-10-M-3-DFT-16QAM-Outer_Full-50@0-An
t1-8.914-9.480-≤10-PASS



1-N66--15-10-M-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.912-9.540-≤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
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000

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



1-N66--15-10-M-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.937-9.520-≤10-PASS



1-N66--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1
-9.298-9.880-≤10-PASS



1-N66--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant
1-9.265-9.840-≤10-PASS



1-N66--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant
1-9.283-9.960-≤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.

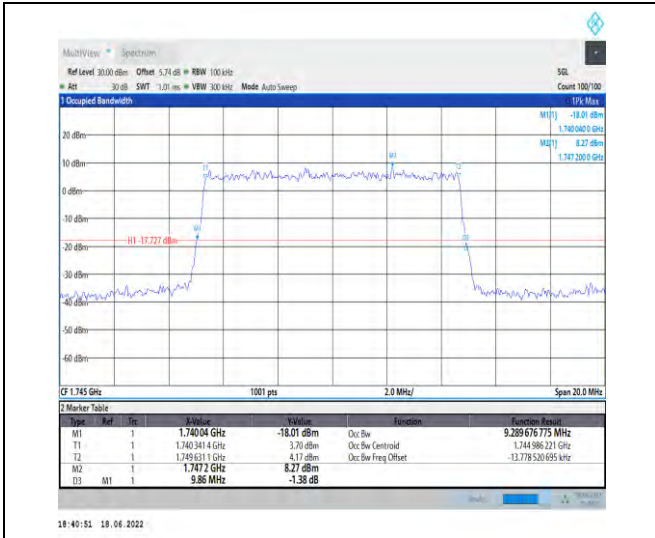
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

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湖胜路1号的6号厂房南楼 邮编: 215000

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



1-N66--15-10-M-9-CP-256QAM-Outer_Full-52@0-A
nt1-9.29-9.860-≤10-PASS



1-N66--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant
1-8.92-9.460-≤10-PASS



1-N66--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1
Ant1-8.906-9.460-≤10-PASS



1-N66--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
t1-8.92-9.480-≤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) 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-N66--15-10-H-4-DFT-64QAM-Outer_Full-50@0-An
t1-8.934-9.580-≤10-PASS



1-N66--15-10-H-5-DFT-256QAM-Outer_Full-50@0-A
nt1-8.947-9.560-≤10-PASS



1-N66--15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-
9.309-9.900-≤10-PASS



1-N66--15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant
1-9.286-9.900-≤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-N66--15-10-H-8-CP-64QAM-Outer_Full-52@0-Ant
1-9.298-9.920≤10-PASS

1-N66--15-10-H-9-CP-256QAM-Outer_Full-52@0-Ant
t1-9.29-9.840≤10-PASS



1-N66--15-15-L-1-DFT-QPSK-Outer_Full-75@0-Ant1
-13.479-14.160≤15-PASS

1-N66--15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1
nt1-13.423-14.100≤15-PASS



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

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

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



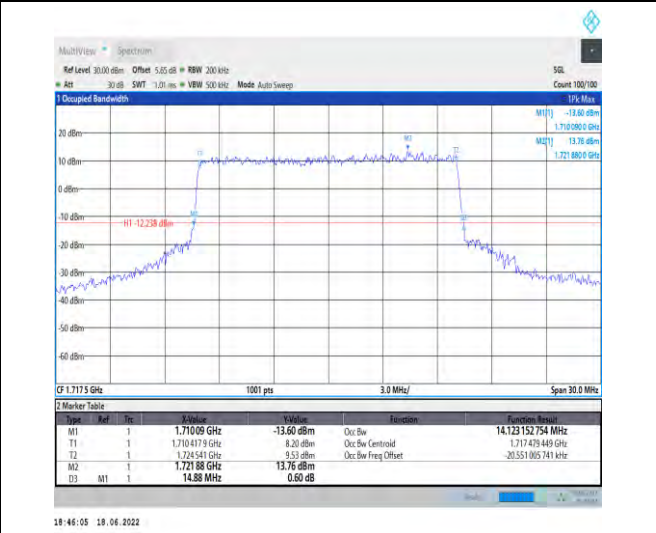
1-N66--15-15-L-3-DFT-16QAM-Outer_Full-75@0-Ant
1-13.435-14.190-≤15-PASS



1-N66--15-15-L-4-DFT-64QAM-Outer_Full-75@0-Ant
1-13.444-14.310-≤15-PASS



1-N66--15-15-L-5-DFT-256QAM-Outer_Full-75@0-A
nt1-13.442-14.190-≤15-PASS



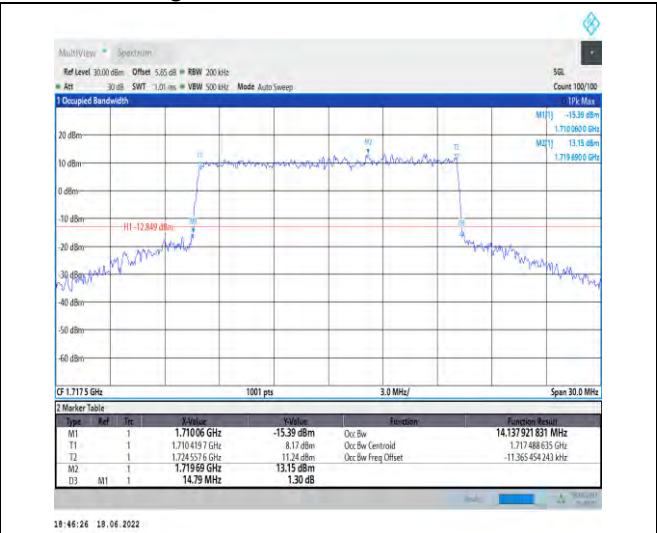
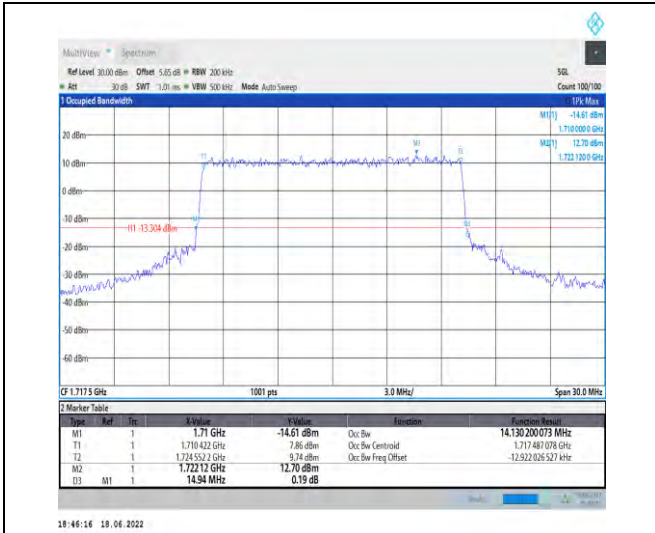
1-N66--15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1
14.123-14.880-≤15-PASS



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

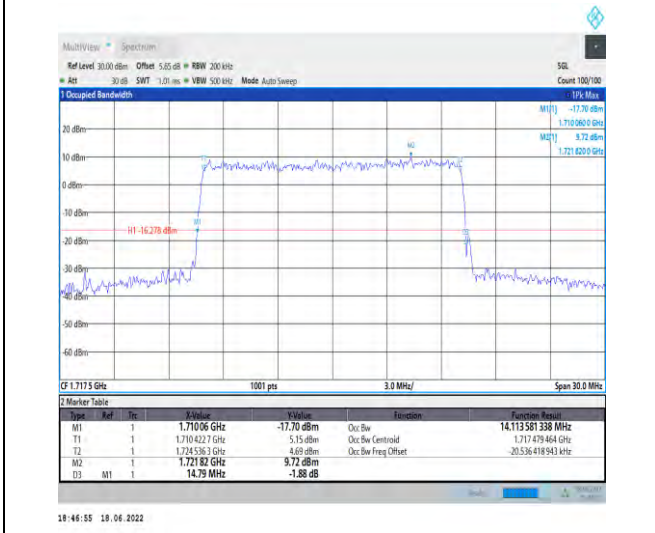
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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湖胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant
1-14.13-14.940-≤15-PASS

1-N66--15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant
1-14.138-14.790-≤15-PASS



1-N66--15-15-L-9-CP-256QAM-Outer_Full-79@0-An
t1-14.114-14.790-≤15-PASS

1-N66--15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant
1-13.453-14.130-≤15-PASS



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

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



1-N66--15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.461-14.310-≤15-PASS

1-N66--15-15-M-3-DFT-16QAM-Outer_Full-75@0-An t1-13.458-14.250-≤15-PASS



1-N66--15-15-M-4-DFT-64QAM-Outer_Full-75@0-An t1-13.429-14.100-≤15-PASS

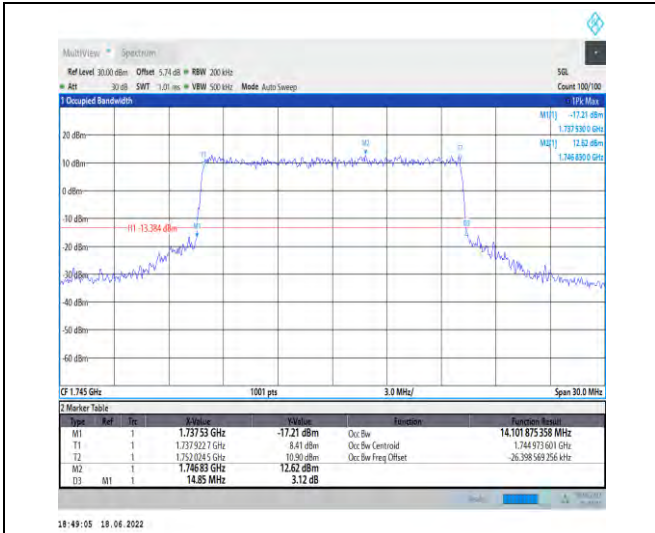
1-N66--15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.435-14.220-≤15-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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跨塘路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1
-14.102-14.850-≤15-PASS



1-N66--15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant
1-14.099-14.820-≤15-PASS



1-N66--15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant
1-14.128-14.910-≤15-PASS



1-N66--15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant
1-14.158-14.940-≤15-PASS



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

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

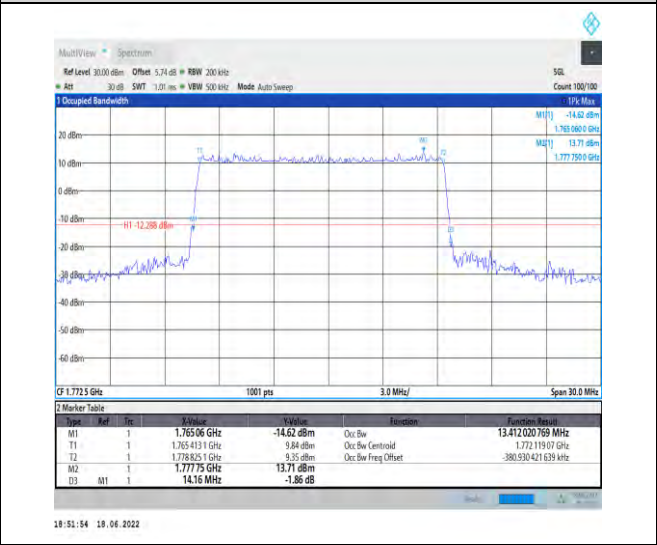
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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



1-N66--15-15-H-1-DFT-QPSK-Outer_Full-75@0-Ant
t1-13.441-14.250-≤15-PASS

1-N66--15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.444-14.310-≤15-PASS



1-N66--15-15-H-3-DFT-16QAM-Outer_Full-75@0-An
t1-13.428-14.310-≤15-PASS

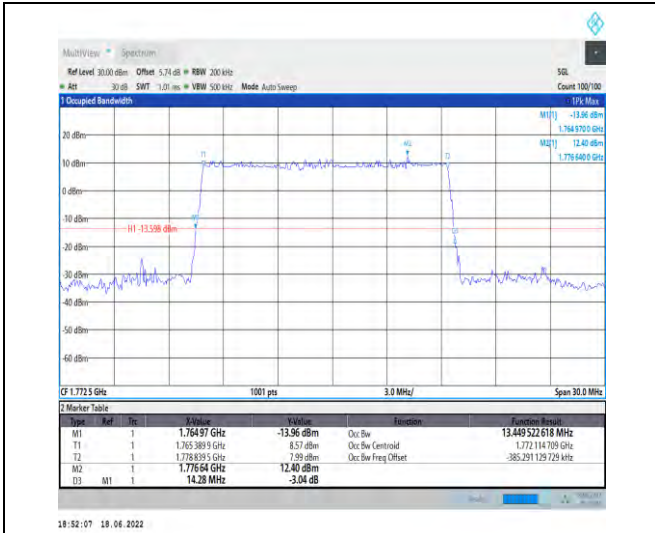
1-N66--15-15-H-4-DFT-64QAM-Outer_Full-75@0-An
t1-13.412-14.160-≤15-PASS



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

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

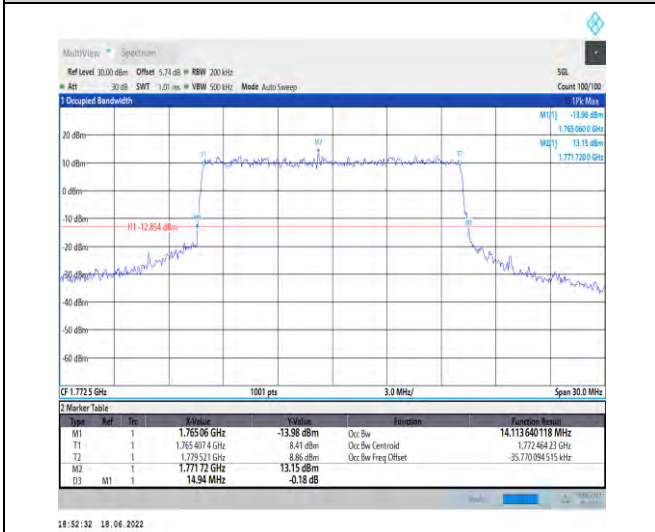
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-15-H-5-DFT-256QAM-Outer_Full-75@0-A
nt1-13.45-14.280-≤15-PASS



1-N66--15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-
14.119-14.790-≤15-PASS



1-N66--15-15-H-7-CP-16QAM-Outer_Full-79@0-Ant
1-14.114-14.940-≤15-PASS



1-N66--15-15-H-8-CP-64QAM-Outer_Full-79@0-Ant
1-14.153-14.760-≤15-PASS



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

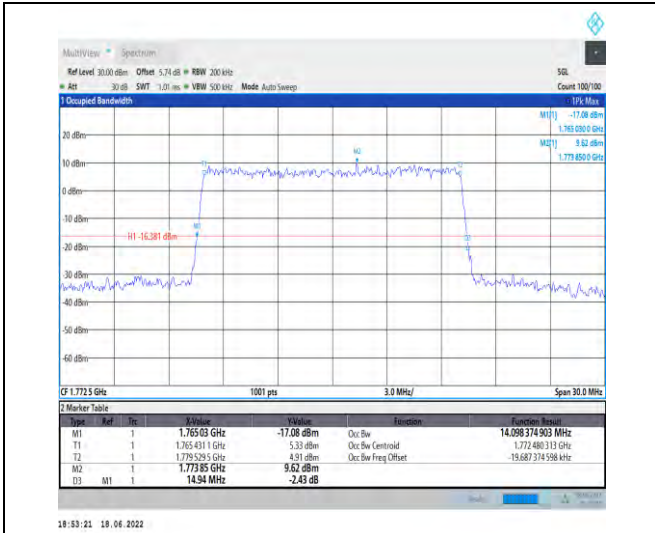
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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湖胜路1号的6号厂房南座 邮编: 215000

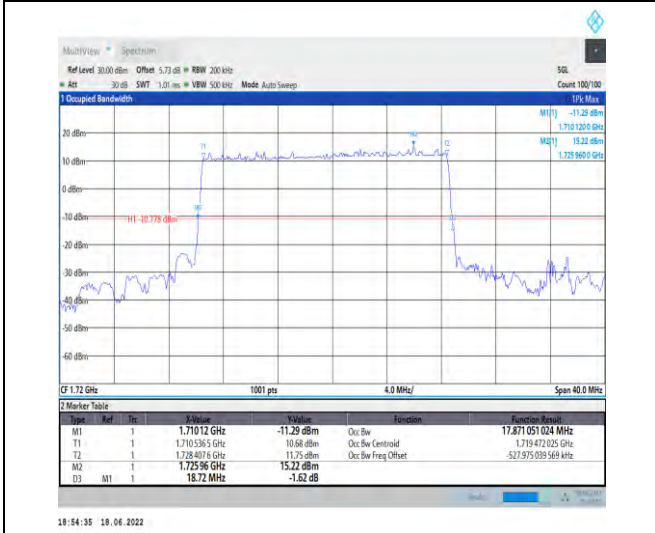
t (86-512) 62992980 sgs.china@sgs.com



1-N66--15-15-H-9-CP-256QAM-Outer_Full-79@0-Ant1-14.098-14.940- ≤ 15 -PASS



1-N66--15-20-L-1-DFT-QPSK-Outer_Full-100@0-Ant1-17.869-18.720- ≤ 20 -PASS



1-N66--15-20-L-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.871-18.720- ≤ 20 -PASS



1-N66--15-20-L-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.892-18.680- ≤ 20 -PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 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湖胜路1号的6号厂房南座 邮编: 215000

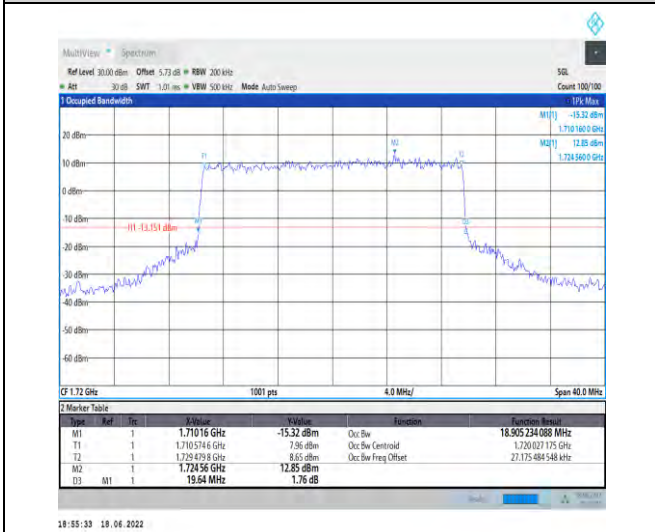
t (86-512) 62992980 sgs.china@sgs.com



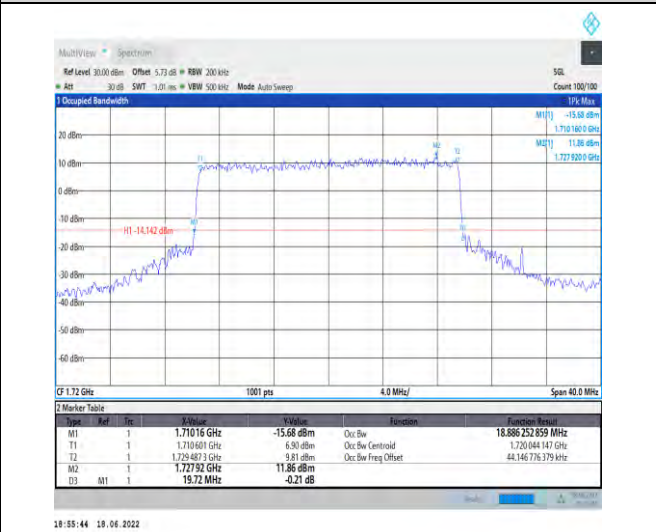
1-N66--15-20-L-4-DFT-64QAM-Outer_Full-100@0-A
nt1-17.871-18.600-≤20-PASS



1-N66--15-20-L-5-DFT-256QAM-Outer_Full-100@0-
Ant1-17.892-18.720-≤20-PASS



1-N66--15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1
-18.905-19.640-≤20-PASS



1-N66--15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1
t1-18.886-19.720-≤20-PASS



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

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

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