

Report No.: SEWM2304000122RG02

Rev.: 01

Page: 1 of 68

# Appendix B.43

## NR Band n77(3450-3550)



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

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

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

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.53	20.43	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	26.50	20.40	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	26.14	20.04	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.38	20.28	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	26.41	20.31	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	25.76	19.66	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	25.56	19.46	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	25.76	19.66	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	25.32	19.22	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	23.67	17.57	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	23.71	17.61	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	23.64	17.54	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	21.91	15.81	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	21.96	15.86	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	22.06	15.96	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.48	20.38	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	26.33	20.23	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	26.05	19.95	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.45	20.35	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.39	20.29	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	25.53	19.43	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	25.61	19.51	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Right	25.56	19.46	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	24.64	18.54	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Left	24.04	17.94	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Inner_1RB_Right	23.99	17.89	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	M	Outer_Full	24.13	18.03	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Left	21.92	15.82	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Inner_1RB_Right	21.85	15.75	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	M	Outer_Full	22.00	15.90	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	26.32	20.22	30.00	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	26.23	20.13	30.00	PASS



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

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



N77-3450-3550	30	10	DFT-PI2BPSK	H	Outer_Full	25.92	19.82	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	26.30	20.20	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Right	26.30	20.20	30.00	PASS
N77-3450-3550	30	10	DFT-QPSK	H	Outer_Full	25.41	19.31	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	25.48	19.38	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Right	25.44	19.34	30.00	PASS
N77-3450-3550	30	10	DFT-16QAM	H	Outer_Full	24.42	18.32	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Left	23.93	17.83	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Inner_1RB_Right	23.93	17.83	30.00	PASS
N77-3450-3550	30	10	DFT-64QAM	H	Outer_Full	23.93	17.83	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Left	21.75	15.65	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Inner_1RB_Right	21.71	15.61	30.00	PASS
N77-3450-3550	30	10	DFT-256QAM	H	Outer_Full	21.83	15.73	30.00	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.57	20.47	30.00	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	26.60	20.50	30.00	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	26.23	20.13	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	26.62	20.52	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	26.55	20.45	30.00	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	25.71	19.61	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	25.82	19.72	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	25.70	19.60	30.00	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	24.71	18.61	30.00	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	24.16	18.06	30.00	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	24.14	18.04	30.00	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	24.16	18.06	30.00	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	22.04	15.94	30.00	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	22.05	15.95	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	26.74	20.64	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	26.57	20.47	30.00	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	L	Outer_Full	26.26	20.16	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	26.75	20.65	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Right	26.58	20.48	30.00	PASS
N77-3450-3550	30	30	DFT-QPSK	L	Outer_Full	25.76	19.66	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	25.99	19.89	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Right	25.75	19.65	30.00	PASS
N77-3450-3550	30	30	DFT-16QAM	L	Outer_Full	24.73	18.63	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Left	24.30	18.20	30.00	PASS
N77-3450-3550	30	30	DFT-64QAM	L	Inner_1RB_Right	24.17	18.07	30.00	PASS



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

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



Table with 10 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Test Method, Mean, Min, Max, Pass/Fail. Contains 40 rows of test data for various modulation schemes like DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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.: SEWM2304000122RG02

Rev.: 01

Page: 5 of 68

N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	26.68	20.58	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	25.76	19.66	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	26.02	19.92	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.82	19.72	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	24.73	18.63	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	24.45	18.35	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	24.23	18.13	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	24.28	18.18	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Left	22.24	16.14	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Inner_1RB_Right	22.09	15.99	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	L	Outer_Full	22.24	16.14	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	26.77	20.67	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	26.55	20.45	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	26.23	20.13	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	26.70	20.60	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Right	26.59	20.49	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	25.75	19.65	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	25.85	19.75	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Right	25.77	19.67	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	24.71	18.61	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Left	24.33	18.23	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Inner_1RB_Right	24.18	18.08	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	M	Outer_Full	24.21	18.11	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Left	22.18	16.08	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Inner_1RB_Right	22.04	15.94	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	M	Outer_Full	22.22	16.12	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.57	20.47	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	26.36	20.26	30.00	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	26.06	19.96	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.59	20.49	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	26.38	20.28	30.00	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	25.56	19.46	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.73	19.63	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.60	19.50	30.00	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	24.54	18.44	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	24.15	18.05	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	23.97	17.87	30.00	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	24.11	18.01	30.00	PASS



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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.: SEWM2304000122RG02

Rev.: 01

Page: 6 of 68

N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	22.00	15.90	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	21.87	15.77	30.00	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	22.04	15.94	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.64	20.54	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	26.26	20.16	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	25.94	19.84	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.59	20.49	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	26.25	20.15	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	25.46	19.36	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.81	19.71	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Right	25.44	19.34	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Outer_Full	24.45	18.35	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Left	24.20	18.10	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Inner_1RB_Right	23.88	17.78	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	L	Outer_Full	23.91	17.81	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Left	22.08	15.98	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Inner_1RB_Right	21.73	15.63	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	L	Outer_Full	21.99	15.89	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Left	25.99	19.89	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Inner_1RB_Right	25.77	19.67	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	25.51	19.41	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	25.87	19.77	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Right	25.73	19.63	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	25.13	19.03	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	24.81	18.71	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Right	24.56	18.46	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	M	Outer_Full	24.32	18.22	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Left	23.26	17.16	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Inner_1RB_Right	23.41	17.31	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	M	Outer_Full	23.19	17.09	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Left	21.46	15.36	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Inner_1RB_Right	21.30	15.20	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	M	Outer_Full	21.46	15.36	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.36	20.26	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	26.01	19.91	30.00	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	25.75	19.65	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	26.34	20.24	30.00	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	26.00	19.90	30.00	PASS



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

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

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.  
 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.: SEWM2304000122RG02

Rev.: 01

Page: 7 of 68

N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	25.27	19.17	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.53	19.43	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.17	19.07	30.00	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	24.28	18.18	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	23.98	17.88	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	23.55	17.45	30.00	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.73	17.63	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	21.85	15.75	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	21.44	15.34	30.00	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	21.73	15.63	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.59	20.49	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	26.10	20.00	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	25.93	19.83	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.58	20.48	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	26.15	20.05	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	25.47	19.37	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	25.76	19.66	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.34	19.24	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	24.49	18.39	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	24.15	18.05	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.71	17.61	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.92	17.82	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	22.06	15.96	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	21.52	15.42	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.93	15.83	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.40	20.30	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	26.17	20.07	30.00	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	25.93	19.83	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.35	20.25	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.18	20.08	30.00	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	25.42	19.32	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.59	19.49	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.32	19.22	30.00	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	24.50	18.40	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	23.97	17.87	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	23.76	17.66	30.00	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.90	17.80	30.00	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	21.84	15.74	30.00	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained 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: QN.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



Table with 10 columns: Item ID, Parameter 1, Parameter 2, Test Method, Modulation, Location, Value 1, Value 2, Value 3, Result. Contains 40 rows of test data for various modulation schemes like DFT-256QAM, DFT-PI2BPSK, DFT-QPSK, and DFT-16QAM.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com





Report No.: SEWM2304000122RG02

Rev.: 01

Page: 9 of 68

N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.13	19.03	30.00	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	25.00	18.90	30.00	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	24.05	17.95	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Left	23.55	17.45	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Inner_1RB_Right	23.47	17.37	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	M	Outer_Full	23.49	17.39	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Left	21.47	15.37	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Inner_1RB_Right	21.33	15.23	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	M	Outer_Full	21.57	15.47	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Left	25.87	19.77	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Inner_1RB_Right	25.62	19.52	30.00	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	H	Outer_Full	25.40	19.30	30.00	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	25.86	19.76	30.00	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Right	25.70	19.60	30.00	PASS
N77-3450-3550	30	70	DFT-QPSK	H	Outer_Full	24.95	18.85	30.00	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	25.07	18.97	30.00	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Right	24.86	18.76	30.00	PASS
N77-3450-3550	30	70	DFT-16QAM	H	Outer_Full	23.95	17.85	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Left	23.47	17.37	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Inner_1RB_Right	23.35	17.25	30.00	PASS
N77-3450-3550	30	70	DFT-64QAM	H	Outer_Full	23.42	17.32	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Left	21.33	15.23	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Inner_1RB_Right	21.13	15.03	30.00	PASS
N77-3450-3550	30	70	DFT-256QAM	H	Outer_Full	21.45	15.35	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.10	20.00	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.92	19.82	30.00	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	25.62	19.52	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.11	20.01	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	25.93	19.83	30.00	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	25.13	19.03	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.31	19.21	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	25.14	19.04	30.00	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	24.09	17.99	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	23.66	17.56	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	23.63	17.53	30.00	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.66	17.56	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	21.54	15.44	30.00	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	21.45	15.35	30.00	PASS



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

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

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



Table with 10 columns: Test ID, Parameter 1, Parameter 2, Modulation, Bandwidth, Test Method, Result 1, Result 2, Result 3, Status. Contains 40 rows of test data.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com



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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com



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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com





Report No.: SEWM2304000122RG02

Rev.: 01

Page: 13 of 68

N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	24.17	18.07	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	23.67	17.57	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.48	17.38	30.00	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.63	17.53	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	21.53	15.43	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	21.35	15.25	30.00	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.67	15.57	30.00	PASS



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

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

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

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

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

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

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant1	Power Ant2	Total Power	EIRP	Verdict
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	26.54	25.81	29.2	23.1	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	25.92	25.57	28.76	22.66	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	L	Outer_Full	25.17	24.28	27.76	21.66	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	26.46	25.5	29.02	22.92	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Right	26.06	25.32	28.72	22.62	PASS
N77-3450-3550	30	10	DFT-QPSK	L	Outer_Full	24.78	23.85	27.35	21.25	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	25.85	24.77	28.35	22.25	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Right	25.24	24.08	27.71	21.61	PASS
N77-3450-3550	30	10	DFT-16QAM	L	Outer_Full	23.66	22.72	26.23	20.13	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Left	23.64	22.59	26.16	20.06	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Inner_1RB_Right	23.14	22.08	25.65	19.55	PASS
N77-3450-3550	30	10	DFT-64QAM	L	Outer_Full	23.27	22.33	25.84	19.74	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Left	20.79	19.92	23.39	17.29	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Inner_1RB_Right	20.49	19.46	23.02	16.92	PASS
N77-3450-3550	30	10	DFT-256QAM	L	Outer_Full	21.09	20.16	23.66	17.56	PASS
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Left	25.04	24.09	27.6	21.5	PASS
N77-3450-3550	30	10	CP-QPSK	L	Inner_1RB_Right	24.98	23.55	27.33	21.23	PASS
N77-3450-3550	30	10	CP-QPSK	L	Outer_Full	22.66	21.13	24.97	18.87	PASS
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Left	24.65	22.93	26.88	20.78	PASS
N77-3450-3550	30	10	CP-16QAM	L	Inner_1RB_Right	24.79	23.28	27.11	21.01	PASS
N77-3450-3550	30	10	CP-16QAM	L	Outer_Full	22.71	21.12	25	18.9	PASS
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Left	22.73	21.07	24.99	18.89	PASS
N77-3450-3550	30	10	CP-64QAM	L	Inner_1RB_Right	22.56	21.23	24.96	18.86	PASS
N77-3450-3550	30	10	CP-64QAM	L	Outer_Full	22.19	20.68	24.51	18.41	PASS
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Left	18.98	17.5	21.31	15.21	PASS
N77-3450-3550	30	10	CP-256QAM	L	Inner_1RB_Right	19.13	18.05	21.63	15.53	PASS
N77-3450-3550	30	10	CP-256QAM	L	Outer_Full	19.25	17.68	21.55	15.45	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	25.74	29.13	23.03	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	25.87	25.52	28.71	22.61	PASS
N77-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	25.14	24.25	27.73	21.63	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	26.47	25.51	29.03	22.93	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Right	26.07	25.33	28.73	22.63	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: QN.Doccheck@sgs.com

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



Table with 11 columns: ID, Sample No., Lot No., Modulation, Modulation, Modulation, Modulation, Modulation, Modulation, Modulation, Modulation, Result. Rows include various modulation types like DFT-QPSK, DFT-16QAM, DFT-64QAM, DFT-256QAM, CP-QPSK, CP-16QAM, CP-64QAM, CP-256QAM, DFT-PI2BPSK, and CP-QPSK.



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: QN.Doccheck@sgs.com



N77-3450-3550	30	10	CP-QPSK	H	Inner_1RB_Right	24.81	23.83	27.36	21.26	PASS
N77-3450-3550	30	10	CP-QPSK	H	Outer_Full	22.36	21.34	24.89	18.79	PASS
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Left	24.71	23.46	27.14	21.04	PASS
N77-3450-3550	30	10	CP-16QAM	H	Inner_1RB_Right	24.44	23.46	26.99	20.89	PASS
N77-3450-3550	30	10	CP-16QAM	H	Outer_Full	22.38	21.31	24.89	18.79	PASS
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Left	22.39	21.13	24.82	18.72	PASS
N77-3450-3550	30	10	CP-64QAM	H	Inner_1RB_Right	22.39	21.57	25.01	18.91	PASS
N77-3450-3550	30	10	CP-64QAM	H	Outer_Full	21.88	20.83	24.4	18.3	PASS
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Left	18.89	17.66	21.33	15.23	PASS
N77-3450-3550	30	10	CP-256QAM	H	Inner_1RB_Right	18.87	18.11	21.52	15.42	PASS
N77-3450-3550	30	10	CP-256QAM	H	Outer_Full	18.94	17.87	21.45	15.35	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Left	26.57	25.84	29.23	23.13	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Inner_1RB_Right	25.88	25.53	28.72	22.62	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	L	Outer_Full	25.28	24.39	27.87	21.77	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	26.51	25.55	29.07	22.97	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Right	25.95	25.21	28.61	22.51	PASS
N77-3450-3550	30	15	DFT-QPSK	L	Outer_Full	24.72	23.79	27.29	21.19	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	25.73	24.65	28.23	22.13	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Right	25.34	24.18	27.81	21.71	PASS
N77-3450-3550	30	15	DFT-16QAM	L	Outer_Full	23.64	22.7	26.21	20.11	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Left	23.65	22.6	26.17	20.07	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Inner_1RB_Right	23.21	22.15	25.72	19.62	PASS
N77-3450-3550	30	15	DFT-64QAM	L	Outer_Full	23.18	22.24	25.75	19.65	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Left	20.89	20.02	23.49	17.39	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Inner_1RB_Right	20.4	19.37	22.93	16.83	PASS
N77-3450-3550	30	15	DFT-256QAM	L	Outer_Full	21.26	20.33	23.83	17.73	PASS
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Left	25.47	23.88	27.76	21.66	PASS
N77-3450-3550	30	15	CP-QPSK	L	Inner_1RB_Right	25.26	24.26	27.8	21.7	PASS
N77-3450-3550	30	15	CP-QPSK	L	Outer_Full	22.76	21.38	25.13	19.03	PASS
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Left	25.01	23.28	27.24	21.14	PASS
N77-3450-3550	30	15	CP-16QAM	L	Inner_1RB_Right	24.82	23.82	27.36	21.26	PASS
N77-3450-3550	30	15	CP-16QAM	L	Outer_Full	22.79	21.42	25.17	19.07	PASS
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Left	22.99	21.35	25.26	19.16	PASS
N77-3450-3550	30	15	CP-64QAM	L	Inner_1RB_Right	22.76	21.78	25.31	19.21	PASS
N77-3450-3550	30	15	CP-64QAM	L	Outer_Full	22.32	20.91	24.68	18.58	PASS
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Left	19.56	17.63	21.71	15.61	PASS
N77-3450-3550	30	15	CP-256QAM	L	Inner_1RB_Right	19.16	18.12	21.68	15.58	PASS
N77-3450-3550	30	15	CP-256QAM	L	Outer_Full	19.4	17.92	21.73	15.63	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: QN.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





N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Left	26.58	25.85	29.24	23.14	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Inner_1RB_Right	25.93	25.58	28.77	22.67	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	25.24	24.35	27.83	21.73	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	26.49	25.53	29.05	22.95	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Right	26.04	25.3	28.7	22.6	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	24.67	23.74	27.24	21.14	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	25.75	24.67	28.25	22.15	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Right	25.22	24.06	27.69	21.59	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	23.57	22.63	26.14	20.04	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Left	23.56	22.51	26.08	19.98	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Inner_1RB_Right	23.32	22.26	25.83	19.73	PASS
N77-3450-3550	30	15	DFT-64QAM	M	Outer_Full	23.34	22.4	25.91	19.81	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Left	20.96	20.09	23.56	17.46	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Inner_1RB_Right	20.46	19.43	22.99	16.89	PASS
N77-3450-3550	30	15	DFT-256QAM	M	Outer_Full	21.29	20.36	23.86	17.76	PASS
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Left	25.09	24.26	27.71	21.61	PASS
N77-3450-3550	30	15	CP-QPSK	M	Inner_1RB_Right	25.18	23.73	27.53	21.43	PASS
N77-3450-3550	30	15	CP-QPSK	M	Outer_Full	22.63	21.54	25.13	19.03	PASS
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Left	24.81	23.87	27.38	21.28	PASS
N77-3450-3550	30	15	CP-16QAM	M	Inner_1RB_Right	24.41	23.15	26.84	20.74	PASS
N77-3450-3550	30	15	CP-16QAM	M	Outer_Full	22.72	21.53	25.18	19.08	PASS
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Left	22.87	22.05	25.49	19.39	PASS
N77-3450-3550	30	15	CP-64QAM	M	Inner_1RB_Right	22.87	21.4	25.21	19.11	PASS
N77-3450-3550	30	15	CP-64QAM	M	Outer_Full	22.14	21	24.62	18.52	PASS
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Left	19.11	18.53	21.84	15.74	PASS
N77-3450-3550	30	15	CP-256QAM	M	Inner_1RB_Right	19.34	17.72	21.62	15.52	PASS
N77-3450-3550	30	15	CP-256QAM	M	Outer_Full	19.23	18.12	21.72	15.62	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Left	26.6	25.87	29.26	23.16	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Inner_1RB_Right	25.88	25.53	28.72	22.62	PASS
N77-3450-3550	30	15	DFT-PI2BPSK	H	Outer_Full	25.22	24.33	27.81	21.71	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	26.55	25.59	29.11	23.01	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Right	25.95	25.21	28.61	22.51	PASS
N77-3450-3550	30	15	DFT-QPSK	H	Outer_Full	24.74	23.81	27.31	21.21	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	25.81	24.73	28.31	22.21	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Right	25.36	24.2	27.83	21.73	PASS
N77-3450-3550	30	15	DFT-16QAM	H	Outer_Full	23.6	22.66	26.17	20.07	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Left	23.6	22.55	26.12	20.02	PASS
N77-3450-3550	30	15	DFT-64QAM	H	Inner_1RB_Right	23.19	22.13	25.7	19.6	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: QN.Doccheck@sgs.com



Table with 11 columns: Item ID, Sample No., Lot No., Test Method, Modulation, Direction, Value 1, Value 2, Value 3, Value 4, Result. Contains 48 rows of test data.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com



Table with 11 columns: Test ID, Sample No., Lot No., Test Item, Modulation, Direction, Value 1, Value 2, Value 3, Value 4, Result. Contains 48 rows of test data.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com

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



Table with 11 columns: Test ID, Sample No., Lot No., Test Method, Modulation, Direction, Value 1, Value 2, Value 3, Value 4, Result. Contains 40 rows of test data.



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: QN.Doccheck@sgs.com





Table with 11 columns: Test ID, Sample No., Batch No., Modulation, Bandwidth, Test Method, Mean, Min, Max, Std Dev, Result. Rows include various modulation types like CP-QPSK, CP-16QAM, CP-64QAM, CP-256QAM, DFT-PI2BPSK, and DFT-QPSK.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com



N77-3450-3550	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	25.88	25.53	28.72	22.62	PASS
N77-3450-3550	30	30	DFT-PI2BPSK	H	Outer_Full	25.16	24.27	27.75	21.65	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	26.37	25.41	28.93	22.83	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Right	26.06	25.32	28.72	22.62	PASS
N77-3450-3550	30	30	DFT-QPSK	H	Outer_Full	24.63	23.7	27.2	21.1	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	25.66	24.58	28.16	22.06	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Right	25.27	24.11	27.74	21.64	PASS
N77-3450-3550	30	30	DFT-16QAM	H	Outer_Full	23.73	22.79	26.3	20.2	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Left	23.52	22.47	26.04	19.94	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Inner_1RB_Right	23.28	22.22	25.79	19.69	PASS
N77-3450-3550	30	30	DFT-64QAM	H	Outer_Full	23.31	22.37	25.88	19.78	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Left	20.92	20.05	23.52	17.42	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Inner_1RB_Right	20.33	19.3	22.86	16.76	PASS
N77-3450-3550	30	30	DFT-256QAM	H	Outer_Full	21.27	20.34	23.84	17.74	PASS
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Left	25.1	24.21	27.69	21.59	PASS
N77-3450-3550	30	30	CP-QPSK	H	Inner_1RB_Right	25.09	24.23	27.69	21.59	PASS
N77-3450-3550	30	30	CP-QPSK	H	Outer_Full	22.5	21.59	25.08	18.98	PASS
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Left	24.71	23.66	27.23	21.13	PASS
N77-3450-3550	30	30	CP-16QAM	H	Inner_1RB_Right	24.35	23.6	27	20.9	PASS
N77-3450-3550	30	30	CP-16QAM	H	Outer_Full	22.59	21.66	25.16	19.06	PASS
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Left	22.76	21.86	25.34	19.24	PASS
N77-3450-3550	30	30	CP-64QAM	H	Inner_1RB_Right	22.42	21.78	25.12	19.02	PASS
N77-3450-3550	30	30	CP-64QAM	H	Outer_Full	22.07	21.16	24.65	18.55	PASS
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Left	19.42	18.69	22.08	15.98	PASS
N77-3450-3550	30	30	CP-256QAM	H	Inner_1RB_Right	18.81	18.08	21.47	15.37	PASS
N77-3450-3550	30	30	CP-256QAM	H	Outer_Full	19.09	18.2	21.68	15.58	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	26.64	25.91	29.3	23.2	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	25.77	25.42	28.61	22.51	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	L	Outer_Full	25.2	24.31	27.79	21.69	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	26.45	25.49	29.01	22.91	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Right	25.96	25.22	28.62	22.52	PASS
N77-3450-3550	30	40	DFT-QPSK	L	Outer_Full	24.57	23.64	27.14	21.04	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	25.84	24.76	28.34	22.24	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Right	25.31	24.15	27.78	21.68	PASS
N77-3450-3550	30	40	DFT-16QAM	L	Outer_Full	23.71	22.77	26.28	20.18	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Left	23.69	22.64	26.21	20.11	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Inner_1RB_Right	23.29	22.23	25.8	19.7	PASS
N77-3450-3550	30	40	DFT-64QAM	L	Outer_Full	23.14	22.2	25.71	19.61	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 contained 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: QN.Doccheck@sgs.com



Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Frequency, Power, SNR, BER, Error Rate, Result. Rows include various modulation schemes like DFT-256QAM, CP-QPSK, CP-16QAM, CP-64QAM, DFT-PI2BPSK, and DFT-QPSK.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, 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: QN.Doccheck@sgs.com

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

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

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



N77-3450-3550	30	40	CP-64QAM	M	Outer_Full	22.29	21.2	24.79	18.69	PASS
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Left	19.28	18.52	21.93	15.83	PASS
N77-3450-3550	30	40	CP-256QAM	M	Inner_1RB_Right	19.28	18.26	21.81	15.71	PASS
N77-3450-3550	30	40	CP-256QAM	M	Outer_Full	19.32	18.18	21.8	15.7	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	26.63	25.9	29.29	23.19	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	25.89	25.54	28.73	22.63	PASS
N77-3450-3550	30	40	DFT-PI2BPSK	H	Outer_Full	25.29	24.4	27.88	21.78	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	26.39	25.43	28.95	22.85	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	40	DFT-QPSK	H	Outer_Full	24.73	23.8	27.3	21.2	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	25.84	24.76	28.34	22.24	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Right	25.3	24.14	27.77	21.67	PASS
N77-3450-3550	30	40	DFT-16QAM	H	Outer_Full	23.77	22.83	26.34	20.24	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Left	23.51	22.46	26.03	19.93	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Inner_1RB_Right	23.25	22.19	25.76	19.66	PASS
N77-3450-3550	30	40	DFT-64QAM	H	Outer_Full	23.28	22.34	25.85	19.75	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Left	20.96	20.09	23.56	17.46	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Inner_1RB_Right	20.4	19.37	22.93	16.83	PASS
N77-3450-3550	30	40	DFT-256QAM	H	Outer_Full	21.2	20.27	23.77	17.67	PASS
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Left	25.08	23.76	27.48	21.38	PASS
N77-3450-3550	30	40	CP-QPSK	H	Inner_1RB_Right	24.95	23.97	27.5	21.4	PASS
N77-3450-3550	30	40	CP-QPSK	H	Outer_Full	22.56	21.56	25.1	19	PASS
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Left	24.57	23.26	26.97	20.87	PASS
N77-3450-3550	30	40	CP-16QAM	H	Inner_1RB_Right	24.66	23.63	27.19	21.09	PASS
N77-3450-3550	30	40	CP-16QAM	H	Outer_Full	22.58	21.57	25.11	19.01	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Left	22.79	21.68	25.28	19.18	PASS
N77-3450-3550	30	40	CP-64QAM	H	Inner_1RB_Right	22.71	21.87	25.32	19.22	PASS
N77-3450-3550	30	40	CP-64QAM	H	Outer_Full	22.08	21.05	24.61	18.51	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Left	19.02	18.28	21.68	15.58	PASS
N77-3450-3550	30	40	CP-256QAM	H	Inner_1RB_Right	18.9	18.13	21.54	15.44	PASS
N77-3450-3550	30	40	CP-256QAM	H	Outer_Full	19.15	18.15	21.69	15.59	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Left	26.5	25.77	29.16	23.06	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Inner_1RB_Right	25.89	25.54	28.73	22.63	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	L	Outer_Full	25.29	24.4	27.88	21.78	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	26.41	25.45	28.97	22.87	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Right	25.89	25.15	28.55	22.45	PASS
N77-3450-3550	30	50	DFT-QPSK	L	Outer_Full	24.59	23.66	27.16	21.06	PASS
N77-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	25.69	24.61	28.19	22.09	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: QN.Doccheck@sgs.com





Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Test Method, Mean, Min, Max, Std Dev, Result. Rows include various modulation types like DFT-16QAM, DFT-64QAM, CP-QPSK, etc.



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: QN.Doccheck@sgs.com



N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Left	24.46	23.58	27.05	20.95	PASS
N77-3450-3550	30	50	CP-16QAM	M	Inner_1RB_Right	24.32	23.47	26.93	20.83	PASS
N77-3450-3550	30	50	CP-16QAM	M	Outer_Full	22.46	21.45	24.99	18.89	PASS
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Left	22.81	22.05	25.46	19.36	PASS
N77-3450-3550	30	50	CP-64QAM	M	Inner_1RB_Right	22.31	21.44	24.91	18.81	PASS
N77-3450-3550	30	50	CP-64QAM	M	Outer_Full	21.96	20.98	24.51	18.41	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Left	19.05	18.72	21.9	15.8	PASS
N77-3450-3550	30	50	CP-256QAM	M	Inner_1RB_Right	18.62	17.78	21.23	15.13	PASS
N77-3450-3550	30	50	CP-256QAM	M	Outer_Full	18.97	17.97	21.51	15.41	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Left	26.55	25.82	29.21	23.11	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Inner_1RB_Right	25.81	25.46	28.65	22.55	PASS
N77-3450-3550	30	50	DFT-PI2BPSK	H	Outer_Full	25.14	24.25	27.73	21.63	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	26.35	25.39	28.91	22.81	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	50	DFT-QPSK	H	Outer_Full	24.77	23.84	27.34	21.24	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	25.79	24.71	28.29	22.19	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Right	25.35	24.19	27.82	21.72	PASS
N77-3450-3550	30	50	DFT-16QAM	H	Outer_Full	23.74	22.8	26.31	20.21	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Left	23.7	22.65	26.22	20.12	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Inner_1RB_Right	23.21	22.15	25.72	19.62	PASS
N77-3450-3550	30	50	DFT-64QAM	H	Outer_Full	23.18	22.24	25.75	19.65	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Left	20.85	19.98	23.45	17.35	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Inner_1RB_Right	20.27	19.24	22.8	16.7	PASS
N77-3450-3550	30	50	DFT-256QAM	H	Outer_Full	21.07	20.14	23.64	17.54	PASS
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Left	25.11	23.99	27.6	21.5	PASS
N77-3450-3550	30	50	CP-QPSK	H	Inner_1RB_Right	24.35	23.56	26.98	20.88	PASS
N77-3450-3550	30	50	CP-QPSK	H	Outer_Full	22.25	21.28	24.8	18.7	PASS
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Left	24.32	23.31	26.85	20.75	PASS
N77-3450-3550	30	50	CP-16QAM	H	Inner_1RB_Right	24.04	23.19	26.65	20.55	PASS
N77-3450-3550	30	50	CP-16QAM	H	Outer_Full	22.28	21.32	24.84	18.74	PASS
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Left	22.72	21.62	25.22	19.12	PASS
N77-3450-3550	30	50	CP-64QAM	H	Inner_1RB_Right	22.13	21.37	24.78	18.68	PASS
N77-3450-3550	30	50	CP-64QAM	H	Outer_Full	21.75	20.83	24.32	18.22	PASS
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Left	19.21	18.01	21.66	15.56	PASS
N77-3450-3550	30	50	CP-256QAM	H	Inner_1RB_Right	18.47	17.93	21.22	15.12	PASS
N77-3450-3550	30	50	CP-256QAM	H	Outer_Full	18.75	17.82	21.32	15.22	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Left	26.53	25.8	29.19	23.09	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	L	Inner_1RB_Right	25.88	25.53	28.72	22.62	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](mailto:CN.Doccheck@sgs.com)

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



N77-3450-3550	30	60	DFT-PI2BPSK	L	Outer_Full	25.17	24.28	27.76	21.66	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	26.43	25.47	28.99	22.89	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	60	DFT-QPSK	L	Outer_Full	24.61	23.68	27.18	21.08	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	25.79	24.71	28.29	22.19	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Right	25.23	24.07	27.7	21.6	PASS
N77-3450-3550	30	60	DFT-16QAM	L	Outer_Full	23.68	22.74	26.25	20.15	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Left	23.49	22.44	26.01	19.91	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Inner_1RB_Right	23.25	22.19	25.76	19.66	PASS
N77-3450-3550	30	60	DFT-64QAM	L	Outer_Full	23.26	22.32	25.83	19.73	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Left	20.86	19.99	23.46	17.36	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Inner_1RB_Right	20.33	19.3	22.86	16.76	PASS
N77-3450-3550	30	60	DFT-256QAM	L	Outer_Full	21.21	20.28	23.78	17.68	PASS
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Left	25.31	23.6	27.55	21.45	PASS
N77-3450-3550	30	60	CP-QPSK	L	Inner_1RB_Right	24.69	23.26	27.04	20.94	PASS
N77-3450-3550	30	60	CP-QPSK	L	Outer_Full	22.65	21.53	25.14	19.04	PASS
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Left	24.94	23.25	27.19	21.09	PASS
N77-3450-3550	30	60	CP-16QAM	L	Inner_1RB_Right	24.28	23.03	26.71	20.61	PASS
N77-3450-3550	30	60	CP-16QAM	L	Outer_Full	22.61	21.6	25.14	19.04	PASS
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Left	22.98	21.24	25.21	19.11	PASS
N77-3450-3550	30	60	CP-64QAM	L	Inner_1RB_Right	22.48	21.17	24.88	18.78	PASS
N77-3450-3550	30	60	CP-64QAM	L	Outer_Full	22.14	21.11	24.67	18.57	PASS
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Left	19.39	17.79	21.67	15.57	PASS
N77-3450-3550	30	60	CP-256QAM	L	Inner_1RB_Right	19.03	17.79	21.46	15.36	PASS
N77-3450-3550	30	60	CP-256QAM	L	Outer_Full	19.19	18.12	21.7	15.6	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Left	26.48	25.75	29.14	23.04	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Inner_1RB_Right	25.79	25.44	28.63	22.53	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	25.27	24.38	27.86	21.76	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	26.47	25.51	29.03	22.93	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Right	26.08	25.34	28.74	22.64	PASS
N77-3450-3550	30	60	DFT-QPSK	M	Outer_Full	24.72	23.79	27.29	21.19	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	25.81	24.73	28.31	22.21	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Right	25.34	24.18	27.81	21.71	PASS
N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	23.61	22.67	26.18	20.08	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Left	23.59	22.54	26.11	20.01	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Inner_1RB_Right	23.33	22.27	25.84	19.74	PASS
N77-3450-3550	30	60	DFT-64QAM	M	Outer_Full	23.34	22.4	25.91	19.81	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Left	20.86	19.99	23.46	17.36	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: QN.Doccheck@sgs.com





N77-3450-3550	30	60	DFT-256QAM	M	Inner_1RB_Right	20.4	19.37	22.93	16.83	PASS
N77-3450-3550	30	60	DFT-256QAM	M	Outer_Full	21.17	20.24	23.74	17.64	PASS
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Left	15.03	24.24	24.73	18.63	PASS
N77-3450-3550	30	60	CP-QPSK	M	Inner_1RB_Right	24.73	23.68	27.25	21.15	PASS
N77-3450-3550	30	60	CP-QPSK	M	Outer_Full	22.43	21.57	25.03	18.93	PASS
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Left	24.91	23.91	27.45	21.35	PASS
N77-3450-3550	30	60	CP-16QAM	M	Inner_1RB_Right	24.37	23.49	26.96	20.86	PASS
N77-3450-3550	30	60	CP-16QAM	M	Outer_Full	22.49	21.51	25.04	18.94	PASS
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Left	22.94	22.03	25.52	19.42	PASS
N77-3450-3550	30	60	CP-64QAM	M	Inner_1RB_Right	22.47	21.62	25.08	18.98	PASS
N77-3450-3550	30	60	CP-64QAM	M	Outer_Full	22.03	21.04	24.57	18.47	PASS
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Left	19.27	18.36	21.85	15.75	PASS
N77-3450-3550	30	60	CP-256QAM	M	Inner_1RB_Right	18.74	18.24	21.51	15.41	PASS
N77-3450-3550	30	60	CP-256QAM	M	Outer_Full	19	18.09	21.58	15.48	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Left	26.6	25.87	29.26	23.16	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Inner_1RB_Right	25.84	25.49	28.68	22.58	PASS
N77-3450-3550	30	60	DFT-PI2BPSK	H	Outer_Full	25.13	24.24	27.72	21.62	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	26.52	25.56	29.08	22.98	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Right	25.89	25.15	28.55	22.45	PASS
N77-3450-3550	30	60	DFT-QPSK	H	Outer_Full	24.76	23.83	27.33	21.23	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	25.74	24.66	28.24	22.14	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Right	25.38	24.22	27.85	21.75	PASS
N77-3450-3550	30	60	DFT-16QAM	H	Outer_Full	23.79	22.85	26.36	20.26	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Left	23.57	22.52	26.09	19.99	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Inner_1RB_Right	23.32	22.26	25.83	19.73	PASS
N77-3450-3550	30	60	DFT-64QAM	H	Outer_Full	23.32	22.38	25.89	19.79	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Left	20.81	19.94	23.41	17.31	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Inner_1RB_Right	20.33	19.3	22.86	16.76	PASS
N77-3450-3550	30	60	DFT-256QAM	H	Outer_Full	21.27	20.34	23.84	17.74	PASS
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Left	25.02	24.22	27.65	21.55	PASS
N77-3450-3550	30	60	CP-QPSK	H	Inner_1RB_Right	24.56	23.6	27.12	21.02	PASS
N77-3450-3550	30	60	CP-QPSK	H	Outer_Full	22.42	21.4	24.95	18.85	PASS
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Left	24.58	23.55	27.11	21.01	PASS
N77-3450-3550	30	60	CP-16QAM	H	Inner_1RB_Right	24.24	23.19	26.76	20.66	PASS
N77-3450-3550	30	60	CP-16QAM	H	Outer_Full	22.44	21.36	24.94	18.84	PASS
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Left	22.76	21.83	25.33	19.23	PASS
N77-3450-3550	30	60	CP-64QAM	H	Inner_1RB_Right	22.25	21.64	24.97	18.87	PASS
N77-3450-3550	30	60	CP-64QAM	H	Outer_Full	21.96	20.97	24.5	18.4	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 contained 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: QN.Doccheck@sgs.com





N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Left	19.13	18.64	21.9	15.8	PASS
N77-3450-3550	30	60	CP-256QAM	H	Inner_1RB_Right	18.64	18.03	21.36	15.26	PASS
N77-3450-3550	30	60	CP-256QAM	H	Outer_Full	19.01	17.97	21.53	15.43	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Left	26.62	25.89	29.28	23.18	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Inner_1RB_Right	25.97	25.62	28.81	22.71	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	L	Outer_Full	25.16	24.27	27.75	21.65	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	26.42	25.46	28.98	22.88	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Right	26.02	25.28	28.68	22.58	PASS
N77-3450-3550	30	70	DFT-QPSK	L	Outer_Full	24.61	23.68	27.18	21.08	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	25.67	24.59	28.17	22.07	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Right	25.41	24.25	27.88	21.78	PASS
N77-3450-3550	30	70	DFT-16QAM	L	Outer_Full	23.77	22.83	26.34	20.24	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Left	23.57	22.52	26.09	19.99	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Inner_1RB_Right	23.14	22.08	25.65	19.55	PASS
N77-3450-3550	30	70	DFT-64QAM	L	Outer_Full	23.19	22.25	25.76	19.66	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Left	20.77	19.9	23.37	17.27	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Inner_1RB_Right	20.43	19.4	22.96	16.86	PASS
N77-3450-3550	30	70	DFT-256QAM	L	Outer_Full	21.18	20.25	23.75	17.65	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Left	25.45	23.89	27.75	21.65	PASS
N77-3450-3550	30	70	CP-QPSK	L	Inner_1RB_Right	24.91	23.53	27.28	21.18	PASS
N77-3450-3550	30	70	CP-QPSK	L	Outer_Full	22.59	21.3	25	18.9	PASS
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Left	24.66	22.99	26.92	20.82	PASS
N77-3450-3550	30	70	CP-16QAM	L	Inner_1RB_Right	24.31	22.99	26.71	20.61	PASS
N77-3450-3550	30	70	CP-16QAM	L	Outer_Full	22.51	21.35	24.98	18.88	PASS
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Left	22.96	21.25	25.2	19.1	PASS
N77-3450-3550	30	70	CP-64QAM	L	Inner_1RB_Right	22.54	21.18	24.92	18.82	PASS
N77-3450-3550	30	70	CP-64QAM	L	Outer_Full	22.05	20.89	24.52	18.42	PASS
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Left	19.08	17.87	21.53	15.43	PASS
N77-3450-3550	30	70	CP-256QAM	L	Inner_1RB_Right	19.04	17.87	21.5	15.4	PASS
N77-3450-3550	30	70	CP-256QAM	L	Outer_Full	19.09	17.88	21.54	15.44	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Left	26.59	25.86	29.25	23.15	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Inner_1RB_Right	25.93	25.58	28.77	22.67	PASS
N77-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	25.18	24.29	27.77	21.67	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	26.49	25.53	29.05	22.95	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Right	25.92	25.18	28.58	22.48	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	24.57	23.64	27.14	21.04	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	25.79	24.71	28.29	22.19	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Right	25.31	24.15	27.78	21.68	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: QN.Doccheck@sgs.com



Table with 11 columns: Test ID, Sample No., Lot No., Test Method, Modulation, Measurement Point, and Results (Mean, Min, Max, Std Dev, Pass/Fail).



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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn



N77-3450-3550	30	70	CP-16QAM	H	Inner_1RB_Right	24.01	23.14	26.61	20.51	PASS
N77-3450-3550	30	70	CP-16QAM	H	Outer_Full	22.27	21.26	24.8	18.7	PASS
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Left	22.72	21.74	25.27	19.17	PASS
N77-3450-3550	30	70	CP-64QAM	H	Inner_1RB_Right	22.03	21.48	24.77	18.67	PASS
N77-3450-3550	30	70	CP-64QAM	H	Outer_Full	21.81	20.74	24.32	18.22	PASS
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Left	19.09	18.2	21.68	15.58	PASS
N77-3450-3550	30	70	CP-256QAM	H	Inner_1RB_Right	18.43	18	21.23	15.13	PASS
N77-3450-3550	30	70	CP-256QAM	H	Outer_Full	18.87	17.81	21.38	15.28	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Left	26.49	25.76	29.15	23.05	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Inner_1RB_Right	25.9	25.55	28.74	22.64	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	L	Outer_Full	25.22	24.33	27.81	21.71	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	26.52	25.56	29.08	22.98	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Right	26.01	25.27	28.67	22.57	PASS
N77-3450-3550	30	80	DFT-QPSK	L	Outer_Full	24.62	23.69	27.19	21.09	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	25.77	24.69	28.27	22.17	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Right	25.33	24.17	27.8	21.7	PASS
N77-3450-3550	30	80	DFT-16QAM	L	Outer_Full	23.75	22.81	26.32	20.22	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Left	23.65	22.6	26.17	20.07	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Inner_1RB_Right	23.17	22.11	25.68	19.58	PASS
N77-3450-3550	30	80	DFT-64QAM	L	Outer_Full	23.27	22.33	25.84	19.74	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Left	20.78	19.91	23.38	17.28	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Inner_1RB_Right	20.39	19.36	22.92	16.82	PASS
N77-3450-3550	30	80	DFT-256QAM	L	Outer_Full	21.08	20.15	23.65	17.55	PASS
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Left	25.32	23.44	27.49	21.39	PASS
N77-3450-3550	30	80	CP-QPSK	L	Inner_1RB_Right	24.6	23.62	27.15	21.05	PASS
N77-3450-3550	30	80	CP-QPSK	L	Outer_Full	22.6	21.38	25.04	18.94	PASS
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Left	24.67	23.02	26.93	20.83	PASS
N77-3450-3550	30	80	CP-16QAM	L	Inner_1RB_Right	24.41	23.29	26.9	20.8	PASS
N77-3450-3550	30	80	CP-16QAM	L	Outer_Full	22.63	21.34	25.04	18.94	PASS
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Left	22.81	21.17	25.08	18.98	PASS
N77-3450-3550	30	80	CP-64QAM	L	Inner_1RB_Right	22.33	21.44	24.92	18.82	PASS
N77-3450-3550	30	80	CP-64QAM	L	Outer_Full	22.15	20.87	24.57	18.47	PASS
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Left	19.47	17.85	21.75	15.65	PASS
N77-3450-3550	30	80	CP-256QAM	L	Inner_1RB_Right	18.75	17.89	21.35	15.25	PASS
N77-3450-3550	30	80	CP-256QAM	L	Outer_Full	19.13	17.92	21.58	15.48	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	25.74	29.13	23.03	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Inner_1RB_Right	25.78	25.43	28.62	22.52	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	25.19	24.3	27.78	21.68	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 contained 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: [QN.Doccheck@sgs.com](mailto:QN.Doccheck@sgs.com)





N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	26.38	25.42	28.94	22.84	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Right	26.01	25.27	28.67	22.57	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	24.61	23.68	27.18	21.08	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	25.75	24.67	28.25	22.15	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Right	25.31	24.15	27.78	21.68	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	23.64	22.7	26.21	20.11	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Left	23.49	22.44	26.01	19.91	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Inner_1RB_Right	23.14	22.08	25.65	19.55	PASS
N77-3450-3550	30	80	DFT-64QAM	M	Outer_Full	23.28	22.34	25.85	19.75	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Left	20.88	20.01	23.48	17.38	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Inner_1RB_Right	20.43	19.4	22.96	16.86	PASS
N77-3450-3550	30	80	DFT-256QAM	M	Outer_Full	21.22	20.29	23.79	17.69	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Left	25.02	23.83	27.48	21.38	PASS
N77-3450-3550	30	80	CP-QPSK	M	Inner_1RB_Right	24.48	23.31	26.94	20.84	PASS
N77-3450-3550	30	80	CP-QPSK	M	Outer_Full	22.36	21.36	24.9	18.8	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Left	24.72	23.51	27.17	21.07	PASS
N77-3450-3550	30	80	CP-16QAM	M	Inner_1RB_Right	24.22	22.87	26.61	20.51	PASS
N77-3450-3550	30	80	CP-16QAM	M	Outer_Full	22.43	21.36	24.94	18.84	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Left	22.61	21.49	25.1	19	PASS
N77-3450-3550	30	80	CP-64QAM	M	Inner_1RB_Right	22.22	21.21	24.75	18.65	PASS
N77-3450-3550	30	80	CP-64QAM	M	Outer_Full	21.95	20.88	24.46	18.36	PASS
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Left	19.14	18.27	21.74	15.64	PASS
N77-3450-3550	30	80	CP-256QAM	M	Inner_1RB_Right	18.38	17.54	20.99	14.89	PASS
N77-3450-3550	30	80	CP-256QAM	M	Outer_Full	18.98	17.95	21.51	15.41	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Left	26.62	25.89	29.28	23.18	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Inner_1RB_Right	25.83	25.48	28.67	22.57	PASS
N77-3450-3550	30	80	DFT-PI2BPSK	H	Outer_Full	25.24	24.35	27.83	21.73	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	26.53	25.57	29.09	22.99	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Right	25.92	25.18	28.58	22.48	PASS
N77-3450-3550	30	80	DFT-QPSK	H	Outer_Full	24.66	23.73	27.23	21.13	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	25.8	24.72	28.3	22.2	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Right	25.28	24.12	27.75	21.65	PASS
N77-3450-3550	30	80	DFT-16QAM	H	Outer_Full	23.6	22.66	26.17	20.07	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Left	23.66	22.61	26.18	20.08	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Inner_1RB_Right	23.24	22.18	25.75	19.65	PASS
N77-3450-3550	30	80	DFT-64QAM	H	Outer_Full	23.25	22.31	25.82	19.72	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Left	20.81	19.94	23.41	17.31	PASS
N77-3450-3550	30	80	DFT-256QAM	H	Inner_1RB_Right	20.41	19.38	22.94	16.84	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: QN.Doccheck@sgs.com





Table with 11 columns: Test ID, Frequency, Bandwidth, Modulation, Polarization, Test Method, and 5 Pass/Fail metrics. Contains 48 rows of test data.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf... Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.Doccheck@sgs.com



N77-3450-3550	30	90	CP-256QAM	L	Inner_1RB_Right	18.77	17.67	21.27	15.17	PASS
N77-3450-3550	30	90	CP-256QAM	L	Outer_Full	19.09	17.87	21.53	15.43	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Left	26.47	25.74	29.13	23.03	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Inner_1RB_Right	25.91	25.56	28.75	22.65	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	25.18	24.29	27.77	21.67	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	26.48	25.52	29.04	22.94	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Right	25.9	25.16	28.56	22.46	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	24.69	23.76	27.26	21.16	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	25.64	24.56	28.14	22.04	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Right	25.23	24.07	27.7	21.6	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	23.7	22.76	26.27	20.17	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Left	23.67	22.62	26.19	20.09	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Inner_1RB_Right	23.21	22.15	25.72	19.62	PASS
N77-3450-3550	30	90	DFT-64QAM	M	Outer_Full	23.23	22.29	25.8	19.7	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Left	20.77	19.9	23.37	17.27	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Inner_1RB_Right	20.49	19.46	23.02	16.92	PASS
N77-3450-3550	30	90	DFT-256QAM	M	Outer_Full	21.16	20.23	23.73	17.63	PASS
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Left	25.15	23.65	27.47	21.37	PASS
N77-3450-3550	30	90	CP-QPSK	M	Inner_1RB_Right	24.37	23.48	26.96	20.86	PASS
N77-3450-3550	30	90	CP-QPSK	M	Outer_Full	22.41	21.35	24.92	18.82	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Left	24.51	23.05	26.85	20.75	PASS
N77-3450-3550	30	90	CP-16QAM	M	Inner_1RB_Right	24.22	23.22	26.76	20.66	PASS
N77-3450-3550	30	90	CP-16QAM	M	Outer_Full	22.43	21.36	24.94	18.84	PASS
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Left	22.8	21.19	25.08	18.98	PASS
N77-3450-3550	30	90	CP-64QAM	M	Inner_1RB_Right	22.11	21.24	24.71	18.61	PASS
N77-3450-3550	30	90	CP-64QAM	M	Outer_Full	21.94	20.88	24.45	18.35	PASS
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Left	19.03	18.09	21.6	15.5	PASS
N77-3450-3550	30	90	CP-256QAM	M	Inner_1RB_Right	18.41	17.53	21	14.9	PASS
N77-3450-3550	30	90	CP-256QAM	M	Outer_Full	19.01	17.91	21.51	15.41	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Left	26.52	25.79	29.18	23.08	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Inner_1RB_Right	25.79	25.44	28.63	22.53	PASS
N77-3450-3550	30	90	DFT-PI2BPSK	H	Outer_Full	25.27	24.38	27.86	21.76	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	26.53	25.57	29.09	22.99	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Right	26.09	25.35	28.75	22.65	PASS
N77-3450-3550	30	90	DFT-QPSK	H	Outer_Full	24.69	23.76	27.26	21.16	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	25.74	24.66	28.24	22.14	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Right	25.35	24.19	27.82	21.72	PASS
N77-3450-3550	30	90	DFT-16QAM	H	Outer_Full	23.66	22.72	26.23	20.13	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 contained 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: QN.Doccheck@sgs.com



Table with 11 columns: Test ID, Sample No., Lot No., Modulation, Bandwidth, Frequency, Power, SNR, BER, Error Rate, Result. Rows include various modulation types like DFT-64QAM, CP-QPSK, and DFT-PI2BPSK.



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: QN.Doccheck@sgs.com





Table with 11 columns: Test ID, Sample No., Lot No., Test Method, Modulation, Test Item, and 5 numerical results. Rows include various modulation tests like CP-16QAM, CP-64QAM, CP-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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





N77-3450-3550	30	100	DFT-QPSK	H	Inner_1RB_Right	25.97	25.23	28.63	22.53	PASS
N77-3450-3550	30	100	DFT-QPSK	H	Outer_Full	24.58	23.65	27.15	21.05	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Left	25.71	24.63	28.21	22.11	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Inner_1RB_Right	25.42	24.26	27.89	21.79	PASS
N77-3450-3550	30	100	DFT-16QAM	H	Outer_Full	23.59	22.65	26.16	20.06	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Left	23.56	22.51	26.08	19.98	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Inner_1RB_Right	23.2	22.14	25.71	19.61	PASS
N77-3450-3550	30	100	DFT-64QAM	H	Outer_Full	23.16	22.22	25.73	19.63	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Left	20.77	19.9	23.37	17.27	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Inner_1RB_Right	20.27	19.24	22.8	16.7	PASS
N77-3450-3550	30	100	DFT-256QAM	H	Outer_Full	21.09	20.16	23.66	17.56	PASS
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Left	25.07	23.49	27.36	21.26	PASS
N77-3450-3550	30	100	CP-QPSK	H	Inner_1RB_Right	24.45	23.68	27.09	20.99	PASS
N77-3450-3550	30	100	CP-QPSK	H	Outer_Full	22.45	21.37	24.95	18.85	PASS
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Left	24.65	22.88	26.86	20.76	PASS
N77-3450-3550	30	100	CP-16QAM	H	Inner_1RB_Right	24.11	23.37	26.77	20.67	PASS
N77-3450-3550	30	100	CP-16QAM	H	Outer_Full	22.47	21.35	24.96	18.86	PASS
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Left	22.7	21.2	25.02	18.92	PASS
N77-3450-3550	30	100	CP-64QAM	H	Inner_1RB_Right	22.15	21.45	24.82	18.72	PASS
N77-3450-3550	30	100	CP-64QAM	H	Outer_Full	22.01	20.85	24.48	18.38	PASS
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Left	19.11	17.69	21.47	15.37	PASS
N77-3450-3550	30	100	CP-256QAM	H	Inner_1RB_Right	18.53	17.8	21.19	15.09	PASS
N77-3450-3550	30	100	CP-256QAM	H	Outer_Full	19	17.88	21.49	15.39	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: QN.Doccheck@sgs.com

### Field Strength of Spurious Radiation

Test Band = SA Band 77 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.53	-104.42	-45.89	-13.00	32.89	263	51	Horizontal
2	6810.18	51.27	-101.85	-50.58	-13.00	37.58	145	352	Horizontal
3	9829.8333	57.38	-93.81	-36.43	-13.00	23.43	263	357	Horizontal
4	13620.36	44.99	-89.80	-44.81	-13.00	31.81	241	41	Horizontal
5	17025.45	41.80	-88.48	-46.68	-13.00	33.68	178	133	Horizontal
6	17694.3333	47.88	-84.98	-37.10	-13.00	24.10	265	352	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.47	-104.42	-46.95	-13.00	33.95	263	132	Vertical
2	6810.18	49.24	-101.85	-52.61	-13.00	39.61	251	213	Vertical
3	9829.8333	59.51	-93.81	-34.30	-13.00	21.30	174	122	Vertical
4	13620.36	42.46	-89.80	-47.34	-13.00	34.34	400	336	Vertical
5	17025.45	41.84	-88.48	-46.64	-13.00	33.64	263	12	Vertical
6	17694.3333	44.22	-84.98	-40.76	-13.00	27.76	254	360	Vertical



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

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

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

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

**Test Band = SA Band 77 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.60	-101.41	-53.81	-13.00	40.81	251	152	Horizontal
2	9829.8333	55.30	-93.81	-38.51	-13.00	25.51	147	174	Horizontal
3	10365.27	42.81	-92.99	-50.18	-13.00	37.18	156	102	Horizontal
4	11796.8333	51.86	-91.87	-40.01	-13.00	27.01	352	32	Horizontal
5	13820.36	43.47	-90.30	-46.83	-13.00	33.83	241	3	Horizontal
6	17694.3333	49.35	-84.98	-35.63	-13.00	22.63	178	351	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.62	-101.41	-53.79	-13.00	40.79	263	360	Vertical
2	9829.8333	58.59	-93.81	-35.22	-13.00	22.22	251	329	Vertical
3	10365.27	42.27	-92.99	-50.72	-13.00	37.72	174	318	Vertical
4	11796.8333	55.16	-91.87	-36.71	-13.00	23.71	265	227	Vertical
5	13820.36	42.66	-90.30	-47.64	-13.00	34.64	241	135	Vertical
6	17275.45	39.18	-87.38	-48.20	-13.00	35.20	188	124	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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  
 t (86-512) 62992980 sgs.china@sgs.com

**Test Band = SA Band 77 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.41	-101.46	-53.05	-13.00	40.05	263	245	Horizontal
2	9829.8333	57.74	-93.81	-36.07	-13.00	23.07	241	135	Horizontal
3	10515.27	43.30	-92.59	-49.29	-13.00	36.29	265	338	Horizontal
4	14020.36	41.48	-90.28	-48.80	-13.00	35.80	241	53	Horizontal
5	17525.45	39.15	-86.44	-47.29	-13.00	34.29	142	145	Horizontal
6	17694.3333	48.10	-84.98	-36.88	-13.00	23.88	260	353	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.02	-101.46	-53.44	-13.00	40.44	241	73	Vertical
2	9829.8333	58.28	-93.81	-35.53	-13.00	22.53	175	133	Vertical
3	10515.27	42.82	-92.59	-49.77	-13.00	36.77	268	335	Vertical
4	14020.36	42.70	-90.28	-47.58	-13.00	34.58	241	201	Vertical
5	17525.45	38.62	-86.44	-47.82	-13.00	34.82	185	192	Vertical
6	17694.3333	44.87	-84.98	-40.11	-13.00	27.11	255	360	Vertical



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



Test Band = UL MIMO n77 3450M-3550M\_ TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8747.2917	37.51	-39.11	38.32	-58.54	-13.00	45.54	296	167	Horizontal
2	12205.9167	33.81	-35.17	38.81	-57.81	-13.00	44.81	265	129	Horizontal
3	6910.2	39.75	-42.17	36.02	-61.66	-13.00	48.66	284	3	Horizontal
4	10365.3	32.74	-36.63	38.90	-60.25	-13.00	47.25	142	261	Horizontal
5	13820.4	33.36	-35.13	40.09	-56.94	-13.00	43.94	263	224	Horizontal
6	17275.5	31.51	-31.82	39.70	-55.87	-13.00	42.87	228	71	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8514.4167	37.79	-39.67	38.07	-59.07	-13.00	46.07	150	71	Vertical
2	11735.375	33.83	-35.05	38.86	-57.61	-13.00	44.61	150	276	Vertical
3	6910.2	39.64	-42.17	36.02	-61.77	-13.00	48.77	150	360	Vertical
4	10365.3	32.44	-36.63	38.90	-60.55	-13.00	47.55	150	147	Vertical
5	13820.4	33.20	-35.13	40.09	-57.10	-13.00	44.10	150	71	Vertical
6	17275.5	31.73	-31.82	39.70	-55.65	-13.00	42.65	150	52	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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 Band = DC\_5A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.18	49.37	-101.85	-52.48	-13.00	39.48	263	105	Horizontal
2	8191.8333	49.86	-97.74	-47.88	-13.00	34.88	241	177	Horizontal
3	10215.27	43.73	-93.16	-49.43	-13.00	36.43	175	166	Horizontal
4	11826	44.80	-91.78	-46.98	-13.00	33.98	263	157	Horizontal
5	13620.36	42.98	-89.80	-46.82	-13.00	33.82	284	25	Horizontal
6	17025.45	41.35	-88.48	-47.13	-13.00	34.13	177	287	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.45	-104.42	-46.97	-13.00	33.97	263	116	Vertical
2	6810.18	49.83	-101.85	-52.02	-13.00	39.02	241	238	Vertical
3	8813.6667	48.44	-95.81	-47.37	-13.00	34.37	175	36	Vertical
4	10215.27	43.86	-93.16	-49.30	-13.00	36.30	263	116	Vertical
5	13620.36	42.74	-89.80	-47.06	-13.00	34.06	255	0	Vertical
6	17025.45	41.61	-88.48	-46.87	-13.00	33.87	144	1	Vertical



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

Test Band = DC\_5A-n77A 3450M-3550M\_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.94	-104.42	-48.48	-13.00	35.48	263	116	Horizontal
2	6910.18	48.42	-101.41	-52.99	-13.00	39.99	241	85	Horizontal
3	8159.1667	49.81	-97.80	-47.99	-13.00	34.99	175	246	Horizontal
4	10365.27	43.05	-92.99	-49.94	-13.00	36.94	263	286	Horizontal
5	13820.36	42.83	-90.30	-47.47	-13.00	34.47	241	16	Horizontal
6	17275.45	39.84	-87.38	-47.54	-13.00	34.54	185	256	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.18	47.16	-101.41	-54.25	-13.00	41.25	263	259	Vertical
2	7621.3333	51.29	-99.77	-48.48	-13.00	35.48	284	36	Vertical
3	10365.27	43.56	-92.99	-49.43	-13.00	36.43	176	209	Vertical
4	13820.36	43.35	-90.30	-46.95	-13.00	33.95	296	299	Vertical
5	17275.45	38.70	-87.38	-48.68	-13.00	35.68	241	126	Vertical
6	17863.5	42.40	-84.28	-41.88	-13.00	28.88	188	4	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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  
 中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Test Band = DC\_5A-n77A 3450M-3550M\_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	56.74	-104.42	-47.68	-13.00	34.68	163	127	Horizontal
2	7010.18	48.09	-101.46	-53.37	-13.00	40.37	263	178	Horizontal
3	8811.3333	48.68	-95.82	-47.14	-13.00	34.14	244	37	Horizontal
4	10515.27	43.30	-92.59	-49.29	-13.00	36.29	186	108	Horizontal
5	14020.36	41.93	-90.28	-48.35	-13.00	35.35	254	0	Horizontal
6	17525.45	39.52	-86.44	-46.92	-13.00	33.92	188	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.18	48.80	-101.46	-52.66	-13.00	39.66	263	95	Vertical
2	8250.1667	50.02	-97.75	-47.73	-13.00	34.73	251	165	Vertical
3	10515.27	42.90	-92.59	-49.69	-13.00	36.69	142	96	Vertical
4	12565.6667	45.43	-90.87	-45.44	-13.00	32.44	284	241	Vertical
5	14020.36	41.43	-90.28	-48.85	-13.00	35.85	162	307	Vertical
6	17525.45	39.00	-86.44	-47.44	-13.00	34.44	254	177	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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  
 t (86-512) 62992980 sgs.china@sgs.com





Test Band = DC\_7A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6810.18	49.38	-101.85	-52.47	-13.00	39.47	163	1	Horizontal
2	8698.1667	49.23	-96.25	-47.02	-13.00	34.02	251	257	Horizontal
3	10215.27	43.96	-93.16	-49.20	-13.00	36.20	174	317	Horizontal
4	13620.36	43.82	-89.80	-45.98	-13.00	32.98	162	357	Horizontal
5	15067	44.65	-90.23	-45.58	-13.00	32.58	255	317	Horizontal
6	17025.45	42.13	-88.48	-46.35	-13.00	33.35	144	348	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	57.89	-104.42	-46.53	-13.00	33.53	163	107	Vertical
2	6810.18	48.50	-101.85	-53.35	-13.00	40.35	284	107	Vertical
3	8298	50.57	-97.77	-47.20	-13.00	34.20	176	157	Vertical
4	10215.27	44.76	-93.16	-48.40	-13.00	35.40	241	96	Vertical
5	13620.36	43.04	-89.80	-46.76	-13.00	33.76	144	269	Vertical
6	17025.45	43.14	-88.48	-45.34	-13.00	32.34	142	62	Vertical



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

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

Suzhou 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 Band = DC\_7A-n77A 3450M-3550M\_ TM1

Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.66	-104.42	-48.76	-13.00	35.76	142	347	Horizontal
2	6901.5	51.95	-101.40	-49.45	-13.00	36.45	263	328	Horizontal
3	8510.3333	49.17	-96.87	-47.70	-13.00	34.70	251	4	Horizontal
4	10365.27	44.00	-92.99	-48.99	-13.00	35.99	144	116	Horizontal
5	13820.36	43.98	-90.30	-46.32	-13.00	33.32	142	287	Horizontal
6	17275.45	39.69	-87.38	-47.69	-13.00	34.69	266	207	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.53	-104.42	-45.89	-13.00	32.89	163	289	Vertical
2	6902.6667	55.12	-101.40	-46.28	-13.00	33.28	284	77	Vertical
3	8259.5	50.25	-97.75	-47.50	-13.00	34.50	176	177	Vertical
4	10365.27	42.79	-92.99	-50.20	-13.00	37.20	251	47	Vertical
5	13820.36	43.12	-90.30	-47.18	-13.00	34.18	144	207	Vertical
6	17275.45	39.45	-87.38	-47.93	-13.00	34.93	266	9	Vertical



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

Test Band = DC\_7A-n77A 3450M-3550M\_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	55.20	-104.42	-49.22	-13.00	36.22	163	219	Horizontal
2	7010.18	49.46	-101.46	-52.00	-13.00	39.00	251	249	Horizontal
3	10515.27	43.46	-92.59	-49.13	-13.00	36.13	174	258	Horizontal
4	14020.36	41.83	-90.28	-48.45	-13.00	35.45	263	10	Horizontal
5	17525.45	39.58	-86.44	-46.86	-13.00	33.86	284	339	Horizontal
6	17694.3333	46.53	-84.98	-38.45	-13.00	25.45	177	4	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.1667	58.56	-104.42	-45.86	-13.00	32.86	163	298	Vertical
2	6902.6667	54.78	-101.40	-46.62	-13.00	33.62	251	247	Vertical
3	8707.5	49.93	-96.21	-46.28	-13.00	33.28	174	25	Vertical
4	10515.27	43.37	-92.59	-49.22	-13.00	36.22	186	0	Vertical
5	14020.36	42.19	-90.28	-48.09	-13.00	35.09	241	1	Vertical
6	17832	42.15	-84.31	-42.16	-13.00	29.16	188	87	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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  
 t (86-512) 62992980 sgs.china@sgs.com



Test Band = NR UL CA n2A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	34.90	-87.27	-52.37	-13.00	39.37	251	78	Horizontal
2	5553.27	50.58	-105.32	-54.74	-13.00	41.74	142	326	Horizontal
3	6753.3333	51.79	-101.86	-50.07	-13.00	37.07	263	194	Horizontal
4	7510.5	50.82	-100.29	-49.47	-13.00	36.47	284	1	Horizontal
5	10215.27	44.08	-93.16	-49.08	-13.00	36.08	175	0	Horizontal
6	13620.36	44.02	-89.80	-45.78	-13.00	32.78	265	326	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.18	33.76	-87.27	-53.51	-13.00	40.51	142	111	Vertical
2	5553.27	50.55	-105.32	-54.77	-13.00	41.77	266	187	Vertical
3	6810.18	49.85	-101.85	-52.00	-13.00	39.00	251	318	Vertical
4	7402	55.15	-100.80	-45.65	-13.00	32.65	142	65	Vertical
5	10215.27	44.72	-93.16	-48.44	-13.00	35.44	266	238	Vertical
6	13620.36	43.02	-89.80	-46.78	-13.00	33.78	324	318	Vertical



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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: QN.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 Band = NR UL CA n2A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	33.53	-86.91	-53.38	-13.00	40.38	142	28	Horizontal
2	5613.27	51.67	-105.35	-53.68	-13.00	40.68	263	226	Horizontal
3	6910.18	48.56	-101.41	-52.85	-13.00	39.85	147	196	Horizontal
4	7484.36	47.93	-100.42	-52.49	-13.00	39.49	251	216	Horizontal
5	10365.27	43.58	-92.99	-49.41	-13.00	36.41	263	297	Horizontal
6	13820.36	42.40	-90.30	-47.90	-13.00	34.90	254	37	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.18	32.16	-86.91	-54.75	-13.00	39.58	400	232	Vertical
2	5613.27	49.22	-105.35	-56.13	-13.00	43.13	254	10	Vertical
3	6910.18	47.48	-101.41	-53.93	-13.00	40.93	175	329	Vertical
4	7484.36	48.03	-100.42	-52.39	-13.00	39.39	263	338	Vertical
5	10365.27	42.98	-92.99	-50.01	-13.00	37.01	284	248	Vertical
6	13820.36	42.47	-90.30	-47.83	-13.00	34.83	144	199	Vertical



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

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

**Test Band = NR UL CA n2A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	34.75	-86.55	-51.80	-13.00	38.80	286	60	Horizontal
2	5673.27	49.53	-105.11	-55.58	-13.00	42.58	264	308	Horizontal
3	7010.18	48.50	-101.46	-52.96	-13.00	39.96	400	158	Horizontal
4	7564.36	48.04	-99.99	-51.95	-13.00	38.95	144	207	Horizontal
5	10515.27	42.37	-92.59	-50.22	-13.00	37.22	251	158	Horizontal
6	14020.36	41.45	-90.28	-48.83	-13.00	35.83	142	118	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.18	33.82	-86.55	-52.73	-13.00	39.73	142	197	Vertical
2	5673.27	49.73	-105.11	-55.38	-13.00	42.38	263	338	Vertical
3	7010.18	49.79	-101.46	-51.67	-13.00	38.67	251	219	Vertical
4	7564.36	48.88	-99.99	-51.11	-13.00	38.11	142	66	Vertical
5	10515.27	42.86	-92.59	-49.73	-13.00	36.73	251	0	Vertical
6	14020.36	42.65	-90.28	-47.63	-13.00	34.63	144	258	Vertical



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

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



Test Band = NR UL CA n5A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.10	-94.97	-55.87	-13.00	42.87	163	314	Horizontal
2	2475.27	38.52	-91.41	-52.89	-13.00	39.89	251	87	Horizontal
3	3300.36	36.54	-88.37	-51.83	-13.00	38.83	144	360	Horizontal
4	6810.18	50.62	-101.85	-51.23	-13.00	38.23	142	307	Horizontal
5	10215.27	43.52	-93.16	-49.64	-13.00	36.64	251	0	Horizontal
6	13620.36	44.55	-89.80	-45.25	-13.00	32.25	141	327	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.18	39.13	-94.97	-55.84	-13.00	42.84	216	53	Vertical
2	2475.27	38.70	-91.41	-52.71	-13.00	39.71	263	69	Vertical
3	3300.36	36.66	-88.37	-51.71	-13.00	38.71	251	220	Vertical
4	6810.18	49.55	-101.85	-52.30	-13.00	39.30	174	0	Vertical
5	10215.27	43.61	-93.16	-49.55	-13.00	36.55	186	204	Vertical
6	13620.36	43.73	-89.80	-46.07	-13.00	33.07	244	357	Vertical



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

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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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 Band = NR UL CA n5A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1654	51.67	-94.96	-43.29	-13.00	30.29	142	104	Horizontal
2	2481	68.21	-91.37	-23.16	-13.00	10.16	263	87	Horizontal
3	3310.36	37.01	-88.37	-51.36	-13.00	38.36	251	333	Horizontal
4	6910.18	48.18	-101.41	-53.23	-13.00	40.23	142	1	Horizontal
5	10365.27	44.31	-92.99	-48.68	-13.00	35.68	276	277	Horizontal
6	13820.36	42.68	-90.30	-47.62	-13.00	34.62	263	22	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.18	39.19	-94.96	-55.77	-13.00	42.77	263	288	Vertical
2	2482.77	39.42	-91.35	-51.93	-13.00	38.93	251	102	Vertical
3	3310.36	37.61	-88.37	-50.76	-13.00	37.76	140	352	Vertical
4	6910.18	48.75	-101.41	-52.66	-13.00	39.66	120	0	Vertical
5	10365.27	42.78	-92.99	-50.21	-13.00	37.21	232	86	Vertical
6	13820.36	42.74	-90.30	-47.56	-13.00	34.56	143	207	Vertical



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

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

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



**Test Band = NR UL CA n5A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	38.72	-94.94	-56.22	-13.00	43.22	263	333	Horizontal
2	2490.27	39.33	-91.30	-51.97	-13.00	38.97	241	224	Horizontal
3	3320.36	36.39	-88.37	-51.98	-13.00	38.98	145	162	Horizontal
4	7010.18	48.69	-101.46	-52.77	-13.00	39.77	263	357	Horizontal
5	10515.27	43.17	-92.59	-49.42	-13.00	36.42	251	237	Horizontal
6	14020.36	42.49	-90.28	-47.79	-13.00	34.79	144	338	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.18	39.83	-94.94	-55.11	-13.00	42.11	263	282	Vertical
2	2490.27	38.84	-91.30	-52.46	-13.00	39.46	241	360	Vertical
3	3320.36	36.62	-88.37	-51.75	-13.00	38.75	117	78	Vertical
4	7010.18	48.52	-101.46	-52.94	-13.00	39.94	163	45	Vertical
5	10515.27	43.80	-92.59	-48.79	-13.00	35.79	251	319	Vertical
6	14020.36	43.48	-90.28	-46.80	-13.00	33.80	175	118	Vertical



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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: QN.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  
 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 Band = NR UL CA n66A-n77A 3450M-3550M\_ TM1**

**Test Channel = Low Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	35.75	-88.36	-52.61	-13.00	39.61	263	54	Horizontal
2	5106.27	49.30	-105.60	-56.30	-13.00	43.30	214	317	Horizontal
3	6808.36	49.25	-101.85	-52.60	-13.00	39.60	153	136	Horizontal
4	6810.18	49.69	-101.85	-52.16	-13.00	39.16	263	55	Horizontal
5	10215.27	43.61	-93.16	-49.55	-13.00	36.55	241	306	Horizontal
6	13620.36	44.13	-89.80	-45.67	-13.00	32.67	175	205	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3404.18	36.17	-88.36	-52.19	-13.00	39.19	142	148	Vertical
2	5106.27	49.52	-105.60	-56.08	-13.00	43.08	263	0	Vertical
3	6808.36	50.73	-101.85	-51.12	-13.00	38.12	241	185	Vertical
4	6810.18	49.23	-101.85	-52.62	-13.00	39.62	142	288	Vertical
5	10215.27	44.07	-93.16	-49.09	-13.00	36.09	263	206	Vertical
6	13620.36	43.09	-89.80	-46.71	-13.00	33.71	251	357	Vertical



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

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

**Test Band = NR UL CA n66A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	48.88	-88.16	-39.28	-13.00	26.28	263	210	Horizontal
2	5181.27	50.91	-105.75	-54.84	-13.00	41.84	251	206	Horizontal
3	6908.36	48.60	-101.41	-52.81	-13.00	39.81	175	1	Horizontal
4	6910.18	48.59	-101.41	-52.82	-13.00	39.82	263	116	Horizontal
5	10365.27	42.98	-92.99	-50.01	-13.00	37.01	254	17	Horizontal
6	13820.36	42.83	-90.30	-47.47	-13.00	34.47	114	349	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3454.18	46.57	-88.16	-41.59	-13.00	28.59	142	353	Vertical
2	5181.27	50.90	-105.75	-54.85	-13.00	41.85	263	108	Vertical
3	6908.36	48.21	-101.41	-53.20	-13.00	40.20	251	1	Vertical
4	6910.18	47.92	-101.41	-53.49	-13.00	40.49	142	168	Vertical
5	10365.27	43.28	-92.99	-49.71	-13.00	36.71	263	1	Vertical
6	13820.36	42.81	-90.30	-47.49	-13.00	34.49	241	0	Vertical



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

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

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

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

**Test Band = NR UL CA n66A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	46.74	-87.95	-41.21	-13.00	28.21	284	206	Horizontal
2	5256.27	51.06	-105.74	-54.68	-13.00	41.68	263	165	Horizontal
3	7008.36	48.53	-101.47	-52.94	-13.00	39.94	251	357	Horizontal
4	7010.18	48.59	-101.46	-52.87	-13.00	39.87	263	15	Horizontal
5	10515.27	41.95	-92.59	-50.64	-13.00	37.64	251	264	Horizontal
6	14020.36	42.09	-90.28	-48.19	-13.00	35.19	142	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3504.18	45.28	-87.95	-42.67	-13.00	29.67	112	353	Vertical
2	5256.27	51.96	-105.74	-53.78	-13.00	40.78	263	330	Vertical
3	7008.36	48.58	-101.47	-52.89	-13.00	39.89	251	117	Vertical
4	7010.18	48.88	-101.46	-52.58	-13.00	39.58	144	357	Vertical
5	10515.27	43.00	-92.59	-49.59	-13.00	36.59	155	280	Vertical
6	14020.36	42.49	-90.28	-47.79	-13.00	34.79	268	189	Vertical



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

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





Test Band = NR UL CA 30A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	49.66	-106.70	-57.04	-13.00	44.04	142	156	Horizontal
2	6810.18	49.47	-101.85	-52.38	-13.00	39.38	174	17	Horizontal
3	6916.77	47.85	-101.42	-53.57	-13.00	40.57	263	239	Horizontal
4	9222.36	47.28	-94.94	-47.66	-13.00	34.66	251	3	Horizontal
5	10215.27	44.08	-93.16	-49.08	-13.00	36.08	186	86	Horizontal
6	13620.36	44.37	-89.80	-45.43	-13.00	32.43	254	156	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4611.18	50.35	-106.70	-56.35	-13.00	43.35	142	55	Vertical
2	6810.18	49.68	-101.85	-52.17	-13.00	39.17	263	217	Vertical
3	6916.77	48.30	-101.42	-53.12	-13.00	40.12	251	298	Vertical
4	9222.36	48.73	-94.94	-46.21	-13.00	33.21	174	197	Vertical
5	10215.27	44.13	-93.16	-49.03	-13.00	36.03	155	247	Vertical
6	13620.36	44.45	-89.80	-45.35	-13.00	32.35	264	298	Vertical



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

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

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

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

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

**Test Band = NR UL CA 30A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	49.04	-106.70	-57.66	-13.00	44.66	264	256	Horizontal
2	6910.18	48.85	-101.41	-52.56	-13.00	39.56	162	286	Horizontal
3	6923.52	48.24	-101.42	-53.18	-13.00	40.18	185	0	Horizontal
4	9231.36	47.05	-94.96	-47.91	-13.00	34.91	241	325	Horizontal
5	10365.27	43.25	-92.99	-49.74	-13.00	36.74	241	94	Horizontal
6	13820.36	42.39	-90.30	-47.91	-13.00	34.91	176	7	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4615.68	52.02	-106.70	-54.68	-13.00	41.68	142	84	Vertical
2	6910.18	48.57	-101.41	-52.84	-13.00	39.84	265	16	Vertical
3	6923.52	48.38	-101.42	-53.04	-13.00	40.04	284	317	Vertical
4	9231.36	48.37	-94.96	-46.59	-13.00	33.59	175	214	Vertical
5	10365.27	43.16	-92.99	-49.83	-13.00	36.83	264	246	Vertical
6	13820.36	43.42	-90.30	-46.88	-13.00	33.88	196	124	Vertical



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

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

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

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

**Test Band = NR UL CA 30A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.64	-106.69	-57.05	-13.00	44.05	142	248	Horizontal
2	6931.02	47.48	-101.43	-53.95	-13.00	40.95	263	207	Horizontal
3	7010.18	48.26	-101.46	-53.20	-13.00	40.20	176	263	Horizontal
4	9241.32	48.11	-94.98	-46.87	-13.00	33.87	254	93	Horizontal
5	10515.27	42.93	-92.59	-49.66	-13.00	36.66	254	251	Horizontal
6	14020.36	42.56	-90.28	-47.72	-13.00	34.72	188	144	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4620.68	49.63	-106.69	-57.06	-13.00	44.06	142	135	Vertical
2	6931.02	49.07	-101.43	-52.36	-13.00	39.36	265	357	Vertical
3	7010.18	48.60	-101.46	-52.86	-13.00	39.86	284	74	Vertical
4	9241.32	47.65	-94.98	-47.33	-13.00	34.33	145	156	Vertical
5	10515.27	43.63	-92.59	-48.96	-13.00	35.96	263	357	Vertical
6	14020.36	42.78	-90.28	-47.50	-13.00	34.50	241	0	Vertical



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

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

Test Band = NR UL CA 71A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	40.86	-95.91	-55.05	-13.00	42.05	186	11	Horizontal
2	1992.27	39.11	-93.45	-54.34	-13.00	41.34	265	360	Horizontal
3	2656.36	38.82	-90.77	-51.95	-13.00	38.95	241	145	Horizontal
4	6810.18	49.36	-101.85	-52.49	-13.00	39.49	163	23	Horizontal
5	10215.27	44.90	-93.16	-48.26	-13.00	35.26	254	23	Horizontal
6	13620.36	43.97	-89.80	-45.83	-13.00	32.83	174	277	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1328.18	39.82	-95.91	-56.09	-13.00	43.09	142	177	Vertical
2	1992.27	39.88	-93.45	-53.57	-13.00	40.57	263	332	Vertical
3	2656.36	38.17	-90.77	-52.60	-13.00	39.60	251	346	Vertical
4	6810.18	49.29	-101.85	-52.56	-13.00	39.56	175	154	Vertical
5	10215.27	45.44	-93.16	-47.72	-13.00	34.72	263	204	Vertical
6	13620.36	43.80	-89.80	-46.00	-13.00	33.00	254	318	Vertical



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



**Test Band = NR UL CA 71A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	39.34	-95.86	-56.52	-13.00	43.52	163	160	Horizontal
2	2014.77	38.15	-93.34	-55.19	-13.00	42.19	254	240	Horizontal
3	2686.36	38.66	-90.61	-51.95	-13.00	38.95	174	130	Horizontal
4	6910.18	48.83	-101.41	-52.58	-13.00	39.58	145	170	Horizontal
5	10365.27	42.52	-92.99	-50.47	-13.00	37.47	321	50	Horizontal
6	13820.36	43.57	-90.30	-46.73	-13.00	33.73	142	180	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1343.18	40.72	-95.86	-55.14	-13.00	42.14	142	120	Vertical
2	2014.77	38.56	-93.34	-54.78	-13.00	41.78	263	180	Vertical
3	2686.36	37.57	-90.61	-53.04	-13.00	40.04	251	170	Vertical
4	6910.18	47.46	-101.41	-53.95	-13.00	40.95	185	320	Vertical
5	10365.27	44.01	-92.99	-48.98	-13.00	35.98	263	250	Vertical
6	13820.36	42.53	-90.30	-47.77	-13.00	34.77	241	10	Vertical



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

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

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

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

**Test Band = NR UL CA 71A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	41.03	-95.81	-54.78	-13.00	41.78	176	204	Horizontal
2	2037.27	38.99	-93.27	-54.28	-13.00	41.28	254	262	Horizontal
3	2716.36	38.51	-90.45	-51.94	-13.00	38.94	118	9	Horizontal
4	7010.18	49.42	-101.46	-52.04	-13.00	39.04	142	327	Horizontal
5	10515.27	43.81	-92.59	-48.78	-13.00	35.78	263	31	Horizontal
6	14020.36	41.52	-90.28	-48.76	-13.00	35.76	284	0	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1358.18	40.64	-95.81	-55.17	-13.00	42.17	146	324	Vertical
2	2037.27	39.76	-93.27	-53.51	-13.00	40.51	284	19	Vertical
3	2716.36	37.87	-90.45	-52.58	-13.00	39.58	175	360	Vertical
4	7010.18	49.44	-101.46	-52.02	-13.00	39.02	265	0	Vertical
5	10515.27	43.49	-92.59	-49.10	-13.00	36.10	142	22	Vertical
6	14020.36	42.05	-90.28	-48.23	-13.00	35.23	268	287	Vertical



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

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



Report No.: SEWM2304000122RG02

Rev.: 01

Page: 63 of 68

Test Band = NR UL CA n25A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.18	34.36	-87.25	-52.89	-13.00	39.89	186	274	Horizontal
2	5556.27	50.09	-105.32	-55.23	-13.00	42.23	265	0	Horizontal
3	6810.18	49.41	-101.85	-52.44	-13.00	39.44	163	64	Horizontal
4	7408.36	47.78	-100.77	-52.99	-13.00	39.99	241	247	Horizontal
5	10215.27	44.03	-93.16	-49.13	-13.00	36.13	251	1	Horizontal
6	13620.36	46.04	-89.80	-43.76	-13.00	30.76	174	149	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.18	33.58	-87.25	-53.67	-13.00	40.67	142	22	Vertical
2	5556.27	50.75	-105.32	-54.57	-13.00	41.57	263	166	Vertical
3	6810.18	49.05	-101.85	-52.80	-13.00	39.80	284	338	Vertical
4	7408.36	47.63	-100.77	-53.14	-13.00	40.14	175	247	Vertical
5	10215.27	44.22	-93.16	-48.94	-13.00	35.94	263	44	Vertical
6	13620.36	44.40	-89.80	-45.40	-13.00	32.40	254	357	Vertical



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

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

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

**Test Band = NR UL CA n25A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	34.35	-87.02	-52.67	-13.00	39.67	163	129	Horizontal
2	5593.77	50.39	-105.40	-55.01	-13.00	42.01	251	226	Horizontal
3	6910.18	47.93	-101.41	-53.48	-13.00	40.48	186	146	Horizontal
4	7458.36	49.44	-100.54	-51.10	-13.00	38.10	174	236	Horizontal
5	10365.27	43.82	-92.99	-49.17	-13.00	36.17	254	206	Horizontal
6	13820.36	43.57	-90.30	-46.73	-13.00	33.73	188	318	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.18	33.99	-87.02	-53.03	-13.00	40.03	142	51	Vertical
2	5593.77	50.96	-105.40	-54.44	-13.00	41.44	263	1	Vertical
3	6910.18	48.11	-101.41	-53.30	-13.00	40.30	284	35	Vertical
4	7458.36	47.38	-100.54	-53.16	-13.00	40.16	176	136	Vertical
5	10365.27	43.56	-92.99	-49.43	-13.00	36.43	254	197	Vertical
6	13820.36	43.22	-90.30	-47.08	-13.00	34.08	144	35	Vertical



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

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

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

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



**Test Band = NR UL CA n25A-n77A 3450M-3550M\_ TM1**
**Test Channel = High Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	33.86	-86.80	-52.94	-13.00	39.94	241	3	Horizontal
2	5631.27	49.82	-105.28	-55.46	-13.00	42.46	175	338	Horizontal
3	7010.18	48.68	-101.46	-52.78	-13.00	39.78	142	187	Horizontal
4	7508.36	48.03	-100.30	-52.27	-13.00	39.27	263	134	Horizontal
5	10515.27	42.77	-92.59	-49.82	-13.00	36.82	263	308	Horizontal
6	14020.36	41.51	-90.28	-48.77	-13.00	35.77	285	207	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.18	33.34	-86.80	-53.46	-13.00	40.46	142	70	Vertical
2	5631.27	49.96	-105.28	-55.32	-13.00	42.32	263	126	Vertical
3	7010.18	48.63	-101.46	-52.83	-13.00	39.83	251	205	Vertical
4	7508.36	48.52	-100.30	-51.78	-13.00	38.78	174	17	Vertical
5	10515.27	44.98	-92.59	-47.61	-13.00	34.61	186	277	Vertical
6	14020.36	42.06	-90.28	-48.22	-13.00	35.22	254	35	Vertical



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

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

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

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

Test Band = NR UL CA n13A-n77A 3450M-3550M\_ TM1

Test Channel = Low Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	39.27	-95.18	-55.91	-13.00	42.91	174	52	Horizontal
2	2332.02	38.26	-92.24	-53.98	-13.00	40.98	163	360	Horizontal
3	3109.36	38.94	-88.89	-49.95	-13.00	36.95	254	215	Horizontal
4	6810.18	49.07	-101.85	-52.78	-13.00	39.78	142	279	Horizontal
5	10215.27	44.70	-93.16	-48.46	-13.00	35.46	263	8	Horizontal
6	13620.36	44.14	-89.80	-45.66	-13.00	32.66	251	1	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1554.68	39.93	-95.18	-55.25	-13.00	42.25	142	4	Vertical
2	2332.02	39.51	-92.24	-52.73	-13.00	39.73	263	155	Vertical
3	3109.36	37.83	-88.89	-51.06	-13.00	38.06	251	348	Vertical
4	6810.18	49.90	-101.85	-51.95	-13.00	38.95	174	16	Vertical
5	10215.27	44.53	-93.16	-48.63	-13.00	35.63	186	0	Vertical
6	13620.36	46.05	-89.80	-43.75	-13.00	30.75	254	168	Vertical



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

**Test Band = NR UL CA n13A-n77A 3450M-3550M\_ TM1**
**Test Channel = Mid Channel**

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	40.44	-95.17	-54.73	-13.00	41.73	263	165	Horizontal
2	2339.52	39.06	-92.21	-53.15	-13.00	40.15	241	224	Horizontal
3	3119.36	36.98	-88.84	-51.86	-13.00	38.86	178	360	Horizontal
4	6910.18	48.19	-101.41	-53.22	-13.00	40.22	263	106	Horizontal
5	10365.27	44.00	-92.99	-48.99	-13.00	35.99	284	186	Horizontal
6	13820.36	42.78	-90.30	-47.52	-13.00	34.52	163	238	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1559.68	39.96	-95.17	-55.21	-13.00	42.21	142	10	Vertical
2	2339.52	38.65	-92.21	-53.56	-13.00	40.56	263	360	Vertical
3	3119.36	37.07	-88.84	-51.77	-13.00	38.77	284	273	Vertical
4	6910.18	47.90	-101.41	-53.51	-13.00	40.51	176	7	Vertical
5	10365.27	42.48	-92.99	-50.51	-13.00	37.51	254	1	Vertical
6	13820.36	43.25	-90.30	-47.05	-13.00	34.05	188	74	Vertical



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

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

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

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

Test Band = NR UL CA n13A-n77A 3450M-3550M\_ TM1

Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	40.00	-95.16	-55.16	-13.00	42.16	263	264	Horizontal
2	2347.02	38.27	-92.18	-53.91	-13.00	40.91	284	298	Horizontal
3	3129.36	37.83	-88.79	-50.96	-13.00	37.96	163	28	Horizontal
4	7010.18	47.91	-101.46	-53.55	-13.00	40.55	163	328	Horizontal
5	10515.27	44.37	-92.59	-48.22	-13.00	35.22	251	187	Horizontal
6	14020.36	43.58	-90.28	-46.70	-13.00	33.70	142	247	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1564.68	39.09	-95.16	-56.07	-13.00	43.07	142	206	Vertical
2	2347.02	38.93	-92.18	-53.25	-13.00	40.25	263	156	Vertical
3	3129.36	37.53	-88.79	-51.26	-13.00	38.26	284	332	Vertical
4	7010.18	49.73	-101.46	-51.73	-13.00	38.73	176	261	Vertical
5	10515.27	43.26	-92.59	-49.33	-13.00	36.33	254	95	Vertical
6	14020.36	42.01	-90.28	-48.27	-13.00	35.27	155	298	Vertical

---End of Attachment---



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