

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 1 of 94

Appendix B.30

NR Band n7



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 2 of 94

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	24.20	24.75	33.00	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.33	24.88	33.00	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	23.76	24.31	33.00	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	24.10	24.65	33.00	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	24.17	24.72	33.00	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	23.32	23.87	33.00	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	23.13	23.68	33.00	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	23.18	23.73	33.00	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	22.25	22.80	33.00	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	21.91	22.46	33.00	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	21.93	22.48	33.00	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	21.73	22.28	33.00	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	19.15	19.70	33.00	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	19.26	19.81	33.00	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	19.69	20.24	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.18	24.73	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	24.14	24.69	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	23.63	24.18	33.00	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	24.07	24.62	33.00	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	24.07	24.62	33.00	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	23.15	23.70	33.00	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	23.19	23.74	33.00	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	23.12	23.67	33.00	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	22.20	22.75	33.00	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	21.90	22.45	33.00	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	21.86	22.41	33.00	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	21.68	22.23	33.00	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	19.17	19.72	33.00	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	19.12	19.67	33.00	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	19.63	20.18	33.00	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	24.12	24.67	33.00	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	24.18	24.73	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 3 of 94

N7	15	5	DFT-PI2BPSK	H	Outer_Full	23.62	24.17	33.00	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	24.05	24.60	33.00	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	24.06	24.61	33.00	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	23.10	23.65	33.00	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	23.03	23.58	33.00	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	23.09	23.64	33.00	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	22.19	22.74	33.00	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	21.85	22.40	33.00	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	21.83	22.38	33.00	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	21.60	22.15	33.00	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	19.07	19.62	33.00	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	19.15	19.70	33.00	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	19.53	20.08	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	24.16	24.71	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	24.21	24.76	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	23.63	24.18	33.00	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	24.15	24.70	33.00	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	24.05	24.60	33.00	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	23.23	23.78	33.00	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	23.12	23.67	33.00	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	23.06	23.61	33.00	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	22.19	22.74	33.00	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	21.82	22.37	33.00	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	21.86	22.41	33.00	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	21.76	22.31	33.00	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	19.22	19.77	33.00	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	19.17	19.72	33.00	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	19.59	20.14	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	24.23	24.78	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	24.18	24.73	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	23.62	24.17	33.00	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	24.16	24.71	33.00	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	24.06	24.61	33.00	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	23.17	23.72	33.00	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	23.19	23.74	33.00	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	23.02	23.57	33.00	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	22.20	22.75	33.00	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Left	21.93	22.48	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 4 of 94

N7	15	10	DFT-64QAM	M	Inner_1RB_Right	21.86	22.41	33.00	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	21.67	22.22	33.00	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	19.27	19.82	33.00	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	19.06	19.61	33.00	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	19.66	20.21	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	24.14	24.69	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	24.15	24.70	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	23.69	24.24	33.00	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	24.09	24.64	33.00	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	24.07	24.62	33.00	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	23.18	23.73	33.00	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	23.12	23.67	33.00	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	23.06	23.61	33.00	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	22.23	22.78	33.00	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	21.95	22.50	33.00	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	21.92	22.47	33.00	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	21.68	22.23	33.00	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Left	19.19	19.74	33.00	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	19.09	19.64	33.00	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	19.58	20.13	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	24.38	24.93	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	24.42	24.97	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	23.90	24.45	33.00	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	24.31	24.86	33.00	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	24.27	24.82	33.00	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	23.41	23.96	33.00	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	23.34	23.89	33.00	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	23.41	23.96	33.00	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	22.48	23.03	33.00	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	22.16	22.71	33.00	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	22.21	22.76	33.00	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	21.94	22.49	33.00	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	19.38	19.93	33.00	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	19.43	19.98	33.00	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	19.86	20.41	33.00	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	24.41	24.96	33.00	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	24.26	24.81	33.00	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	23.83	24.38	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 5 of 94

N7	15	15	DFT-QPSK	M	Inner_1RB_Left	24.38	24.93	33.00	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	24.16	24.71	33.00	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	23.34	23.89	33.00	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	23.47	24.02	33.00	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	23.08	23.63	33.00	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	22.44	22.99	33.00	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	22.11	22.66	33.00	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	21.89	22.44	33.00	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	21.86	22.41	33.00	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	19.45	20.00	33.00	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	19.25	19.80	33.00	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	19.73	20.28	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	24.31	24.86	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	24.29	24.84	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	23.83	24.38	33.00	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	24.25	24.80	33.00	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	24.17	24.72	33.00	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	23.36	23.91	33.00	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	23.24	23.79	33.00	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	23.15	23.70	33.00	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	22.43	22.98	33.00	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	22.05	22.60	33.00	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	21.99	22.54	33.00	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	21.87	22.42	33.00	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	19.32	19.87	33.00	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	19.25	19.80	33.00	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	19.82	20.37	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.40	24.95	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.49	25.04	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	23.90	24.45	33.00	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	24.27	24.82	33.00	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	24.34	24.89	33.00	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	23.44	23.99	33.00	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	23.36	23.91	33.00	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	23.34	23.89	33.00	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	22.36	22.91	33.00	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	22.04	22.59	33.00	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	22.16	22.71	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 6 of 94

N7	15	20	DFT-64QAM	L	Outer_Full	21.92	22.47	33.00	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	19.29	19.84	33.00	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	19.47	20.02	33.00	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	19.86	20.41	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.42	24.97	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.15	24.70	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	23.76	24.31	33.00	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	24.35	24.90	33.00	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	24.12	24.67	33.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	23.31	23.86	33.00	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	23.46	24.01	33.00	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	23.15	23.70	33.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	22.27	22.82	33.00	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	22.19	22.74	33.00	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	21.94	22.49	33.00	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	21.90	22.45	33.00	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	19.42	19.97	33.00	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	19.26	19.81	33.00	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	19.81	20.36	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.26	24.81	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.28	24.83	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	23.80	24.35	33.00	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	24.13	24.68	33.00	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	24.15	24.70	33.00	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	23.37	23.92	33.00	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	23.21	23.76	33.00	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	23.28	23.83	33.00	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	22.32	22.87	33.00	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	21.99	22.54	33.00	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	21.96	22.51	33.00	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	21.87	22.42	33.00	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	19.22	19.77	33.00	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	19.25	19.80	33.00	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	19.81	20.36	33.00	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	24.38	24.93	33.00	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	24.51	25.06	33.00	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	23.85	24.40	33.00	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Left	24.32	24.87	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 7 of 94

N7	15	25	DFT-QPSK	L	Inner_1RB_Right	24.39	24.94	33.00	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	23.43	23.98	33.00	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Left	23.35	23.90	33.00	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Right	23.44	23.99	33.00	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	22.45	23.00	33.00	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Left	22.08	22.63	33.00	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Right	22.18	22.73	33.00	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	21.86	22.41	33.00	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Left	19.30	19.85	33.00	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Right	19.50	20.05	33.00	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	19.95	20.50	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	24.48	25.03	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	24.32	24.87	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	23.83	24.38	33.00	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Left	24.46	25.01	33.00	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Right	24.21	24.76	33.00	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	23.34	23.89	33.00	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Left	23.47	24.02	33.00	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Right	23.28	23.83	33.00	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.37	22.92	33.00	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Left	22.13	22.68	33.00	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Right	22.01	22.56	33.00	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	21.79	22.34	33.00	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Left	19.45	20.00	33.00	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Right	19.31	19.86	33.00	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	19.85	20.40	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	24.27	24.82	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	24.32	24.87	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	23.79	24.34	33.00	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Left	24.09	24.64	33.00	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Right	24.19	24.74	33.00	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	23.31	23.86	33.00	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Left	23.16	23.71	33.00	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Right	23.20	23.75	33.00	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	22.33	22.88	33.00	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Left	21.87	22.42	33.00	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Right	22.02	22.57	33.00	PASS
N7	15	25	DFT-64QAM	H	Outer_Full	21.84	22.39	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 8 of 94

N7	15	25	DFT-256QAM	H	Inner_1RB_Left	19.16	19.71	33.00	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Right	19.31	19.86	33.00	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	19.82	20.37	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	24.39	24.94	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	24.50	25.05	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	23.97	24.52	33.00	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Left	24.30	24.85	33.00	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Right	24.31	24.86	33.00	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	23.44	23.99	33.00	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Left	23.31	23.86	33.00	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Right	23.39	23.94	33.00	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	22.45	23.00	33.00	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Left	22.09	22.64	33.00	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Right	22.09	22.64	33.00	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	21.96	22.51	33.00	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Left	19.34	19.89	33.00	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Right	19.46	20.01	33.00	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	19.88	20.43	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	24.50	25.05	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	24.40	24.95	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	23.83	24.38	33.00	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Left	24.38	24.93	33.00	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Right	24.32	24.87	33.00	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	23.35	23.90	33.00	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Left	23.42	23.97	33.00	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Right	23.37	23.92	33.00	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	22.36	22.91	33.00	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Left	22.19	22.74	33.00	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Right	22.07	22.62	33.00	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	21.85	22.40	33.00	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Left	19.45	20.00	33.00	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Right	19.37	19.92	33.00	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	19.86	20.41	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	24.31	24.86	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	24.45	25.00	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	23.96	24.51	33.00	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Left	24.15	24.70	33.00	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Right	24.21	24.76	33.00	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 9 of 94

N7	15	30	DFT-QPSK	H	Outer_Full	23.39	23.94	33.00	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Left	23.19	23.74	33.00	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Right	23.34	23.89	33.00	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	22.38	22.93	33.00	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Left	21.90	22.45	33.00	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Right	22.21	22.76	33.00	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	21.93	22.48	33.00	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Left	19.28	19.83	33.00	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Right	19.40	19.95	33.00	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	19.92	20.47	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.31	24.86	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.32	24.87	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	23.85	24.40	33.00	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Left	24.25	24.80	33.00	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Right	24.22	24.77	33.00	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	23.42	23.97	33.00	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Left	23.26	23.81	33.00	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Right	23.22	23.77	33.00	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	22.37	22.92	33.00	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Left	22.02	22.57	33.00	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Right	22.03	22.58	33.00	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	21.89	22.44	33.00	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Left	19.36	19.91	33.00	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Right	19.28	19.83	33.00	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	19.95	20.50	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.43	24.98	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.49	25.04	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	23.82	24.37	33.00	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Left	24.30	24.85	33.00	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Right	24.37	24.92	33.00	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	23.34	23.89	33.00	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Left	23.31	23.86	33.00	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Right	23.45	24.00	33.00	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	22.37	22.92	33.00	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Left	22.11	22.66	33.00	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Right	22.29	22.84	33.00	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	21.90	22.45	33.00	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Left	19.40	19.95	33.00	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 10 of 94

N7	15	40	DFT-256QAM	M	Inner_1RB_Right	19.57	20.12	33.00	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	19.86	20.41	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	24.43	24.98	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	24.36	24.91	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	23.91	24.46	33.00	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Left	24.26	24.81	33.00	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Right	24.32	24.87	33.00	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	23.40	23.95	33.00	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Left	23.35	23.90	33.00	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Right	23.34	23.89	33.00	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	22.39	22.94	33.00	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Left	22.00	22.55	33.00	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Right	22.12	22.67	33.00	PASS
N7	15	40	DFT-64QAM	H	Outer_Full	21.89	22.44	33.00	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Left	19.33	19.88	33.00	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Right	19.43	19.98	33.00	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	19.95	20.50	33.00	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 11 of 94

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N7	15	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.10	≤13	PASS
N7	15	40	CP-256QAM	L	Outer_Full	100%	0.00	9.72	≤13	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.19	≤13	PASS
N7	15	40	CP-256QAM	M	Outer_Full	100%	0.00	9.59	≤13	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	100%	0.00	8.95	≤13	PASS
N7	15	40	CP-256QAM	H	Outer_Full	100%	0.00	9.75	≤13	PASS



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

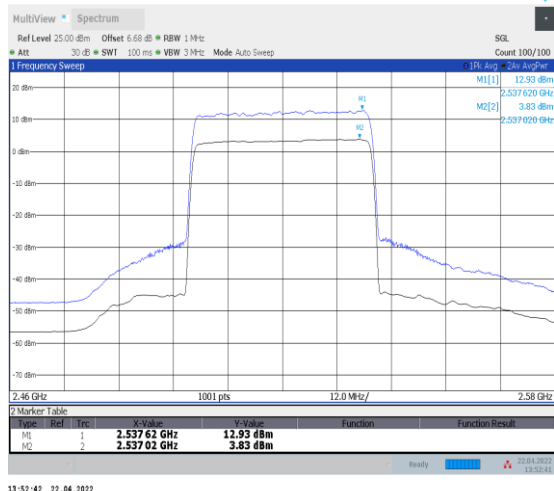
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

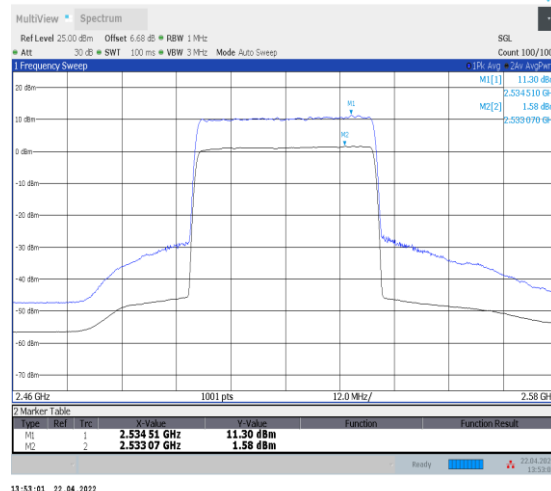
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2309000114RG10
Rev.: 01
Page: 12 of 94

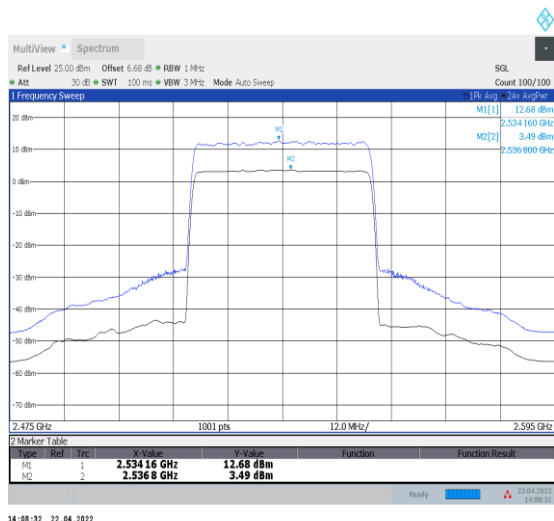
Test Graphs



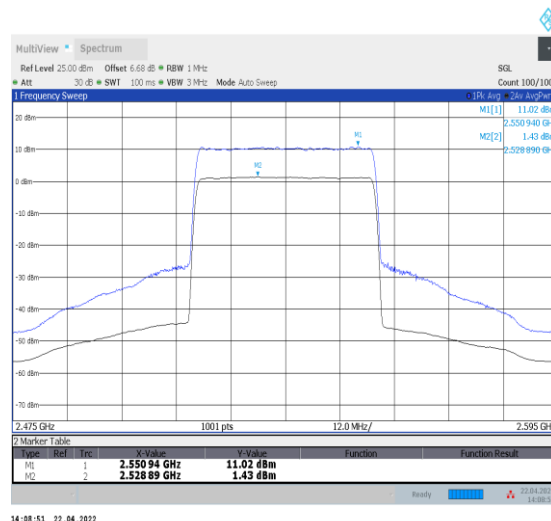
1-N7--15-40-L-1-DFT-256QAM-Outer_Full-216@0-A
nt0-9.10-100%-0.00-9.10-PASS≤13



1-N7--15-40-L-2-CP-256QAM-Outer_Full-216@0-An
t0-9.72-100%-0.00-9.72-PASS≤13



1-N7--15-40-M-1-DFT-256QAM-Outer_Full-216@0-A
nt0-9.19-100%-0.00-9.19-PASS≤13



1-N7--15-40-M-2-CP-256QAM-Outer_Full-216@0-A
nt0-9.59-100%-0.00-9.59-PASS≤13



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

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

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

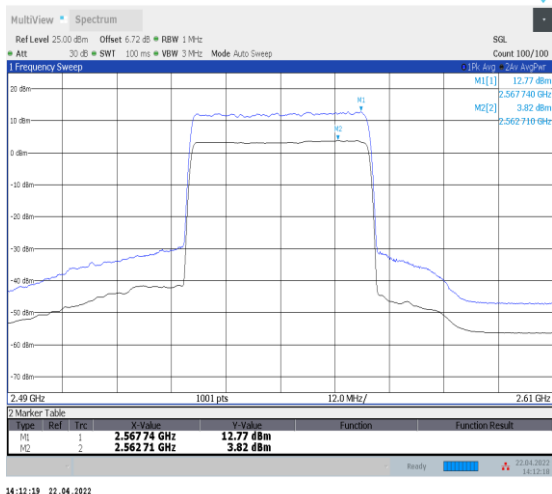
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

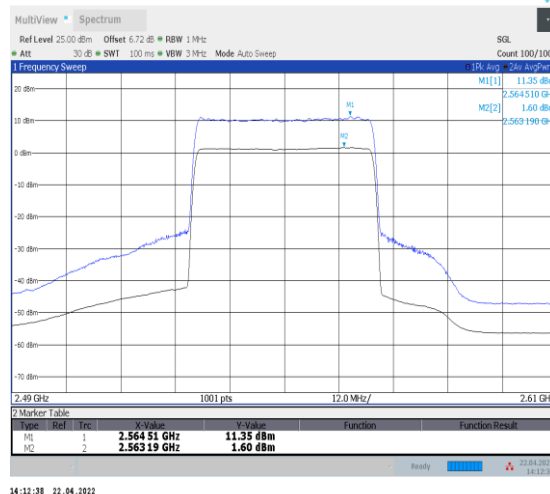
Report No.: SEWA2309000114RG10

Rev.: 01

Page: 13 of 94



1-N7--15-40-H-1-DFT-256QAM-Outer_Full-216@0-A
nt0-8.95-100%-0.00-8.95-PASS≤13



1-N7--15-40-H-2-CP-256QAM-Outer_Full-216@0-A
nt0-9.75-100%-0.00-9.75-PASS≤13



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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 14 of 94

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N7	15	5	DFT-QPSK	L	Outer_Full	4.493	5.130	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	4.486	5.150	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	4.482	5.000	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	4.491	5.160	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	4.487	5.120	PASS
N7	15	5	CP-QPSK	L	Outer_Full	4.468	5.170	PASS
N7	15	5	CP-16QAM	L	Outer_Full	4.493	5.170	PASS
N7	15	5	CP-64QAM	L	Outer_Full	4.484	5.250	PASS
N7	15	5	CP-256QAM	L	Outer_Full	4.497	5.160	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.493	5.110	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.486	5.160	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.484	5.060	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.492	5.160	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.488	5.130	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.474	5.170	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.483	5.200	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.487	5.240	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.498	5.150	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	4.491	5.050	PASS
N7	15	5	DFT-PI2BPSK	H	Outer_Full	4.485	5.160	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	4.479	4.980	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	4.493	5.150	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	4.487	5.100	PASS
N7	15	5	CP-QPSK	H	Outer_Full	4.477	5.200	PASS
N7	15	5	CP-16QAM	H	Outer_Full	4.479	5.130	PASS
N7	15	5	CP-64QAM	H	Outer_Full	4.486	5.260	PASS
N7	15	5	CP-256QAM	H	Outer_Full	4.492	5.150	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	8.953	9.780	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	8.949	9.600	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	8.954	9.740	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	8.940	9.780	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 15 of 94

N7	15	10	DFT-256QAM	L	Outer_Full	8.945	9.740	PASS
N7	15	10	CP-QPSK	L	Outer_Full	9.329	10.320	PASS
N7	15	10	CP-16QAM	L	Outer_Full	9.302	10.180	PASS
N7	15	10	CP-64QAM	L	Outer_Full	9.320	10.260	PASS
N7	15	10	CP-256QAM	L	Outer_Full	9.298	10.100	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.960	9.720	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.963	9.780	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.958	9.680	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.949	9.800	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.941	9.720	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.317	10.260	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.295	10.240	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.326	10.360	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.309	10.200	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	8.950	9.680	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	8.928	9.740	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	8.953	9.740	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	8.948	9.780	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	8.956	9.780	PASS
N7	15	10	CP-QPSK	H	Outer_Full	9.313	10.280	PASS
N7	15	10	CP-16QAM	H	Outer_Full	9.304	10.240	PASS
N7	15	10	CP-64QAM	H	Outer_Full	9.313	10.280	PASS
N7	15	10	CP-256QAM	H	Outer_Full	9.297	10.160	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	13.499	14.460	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	13.416	14.550	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	13.442	14.490	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	13.416	14.520	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	13.432	14.520	PASS
N7	15	15	CP-QPSK	L	Outer_Full	14.128	15.240	PASS
N7	15	15	CP-16QAM	L	Outer_Full	14.120	15.180	PASS
N7	15	15	CP-64QAM	L	Outer_Full	14.144	15.300	PASS
N7	15	15	CP-256QAM	L	Outer_Full	14.137	15.240	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.508	14.520	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.447	14.460	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.451	14.550	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.434	14.550	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.430	14.460	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.143	15.390	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 16 of 94

N7	15	15	CP-16QAM	M	Outer_Full	14.128	15.210	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.164	15.270	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.155	15.270	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	13.499	14.460	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	13.421	14.430	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	13.434	14.550	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	13.428	14.610	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	13.421	14.460	PASS
N7	15	15	CP-QPSK	H	Outer_Full	14.138	15.390	PASS
N7	15	15	CP-16QAM	H	Outer_Full	14.117	15.330	PASS
N7	15	15	CP-64QAM	H	Outer_Full	14.161	15.270	PASS
N7	15	15	CP-256QAM	H	Outer_Full	14.138	15.270	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	17.844	18.960	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	17.870	19.080	PASS
N7	15	20	DFT-16QAM	L	Outer_Full	17.886	19.000	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	17.853	19.120	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	17.880	18.960	PASS
N7	15	20	CP-QPSK	L	Outer_Full	18.944	20.200	PASS
N7	15	20	CP-16QAM	L	Outer_Full	18.939	20.040	PASS
N7	15	20	CP-64QAM	L	Outer_Full	18.932	20.160	PASS
N7	15	20	CP-256QAM	L	Outer_Full	18.915	20.080	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.852	18.960	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	17.882	19.120	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	17.900	19.080	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	17.861	19.080	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	17.886	18.920	PASS
N7	15	20	CP-QPSK	M	Outer_Full	18.951	20.360	PASS
N7	15	20	CP-16QAM	M	Outer_Full	18.958	20.240	PASS
N7	15	20	CP-64QAM	M	Outer_Full	18.943	20.240	PASS
N7	15	20	CP-256QAM	M	Outer_Full	18.924	20.080	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	17.833	18.880	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	17.866	19.040	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	17.882	19.120	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	17.840	19.080	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	17.878	19.000	PASS
N7	15	20	CP-QPSK	H	Outer_Full	18.919	20.320	PASS
N7	15	20	CP-16QAM	H	Outer_Full	18.940	20.320	PASS
N7	15	20	CP-64QAM	H	Outer_Full	18.914	20.160	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 17 of 94

N7	15	20	CP-256QAM	H	Outer_Full	18.899	20.080	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	22.876	24.100	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	22.881	23.800	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	22.914	23.850	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	22.919	23.850	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	22.878	23.850	PASS
N7	15	25	CP-QPSK	L	Outer_Full	23.790	24.900	PASS
N7	15	25	CP-16QAM	L	Outer_Full	23.800	24.800	PASS
N7	15	25	CP-64QAM	L	Outer_Full	23.654	24.850	PASS
N7	15	25	CP-256QAM	L	Outer_Full	23.737	24.950	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.843	23.900	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	22.889	24.000	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	22.912	23.950	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	22.924	23.850	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	22.944	23.900	PASS
N7	15	25	CP-QPSK	M	Outer_Full	23.772	25.050	PASS
N7	15	25	CP-16QAM	M	Outer_Full	23.727	24.950	PASS
N7	15	25	CP-64QAM	M	Outer_Full	23.798	24.900	PASS
N7	15	25	CP-256QAM	M	Outer_Full	23.718	24.900	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	22.884	24.100	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	22.857	23.950	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	22.923	24.100	PASS
N7	15	25	DFT-64QAM	H	Outer_Full	22.852	23.850	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	22.882	24.000	PASS
N7	15	25	CP-QPSK	H	Outer_Full	23.728	24.900	PASS
N7	15	25	CP-16QAM	H	Outer_Full	23.766	25.050	PASS
N7	15	25	CP-64QAM	H	Outer_Full	23.695	24.950	PASS
N7	15	25	CP-256QAM	H	Outer_Full	23.706	25.000	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	28.589	29.820	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	28.655	29.580	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	28.579	29.820	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	28.562	29.820	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	28.576	29.580	PASS
N7	15	30	CP-QPSK	L	Outer_Full	28.547	30.840	PASS
N7	15	30	CP-16QAM	L	Outer_Full	28.572	29.880	PASS
N7	15	30	CP-64QAM	L	Outer_Full	28.548	29.700	PASS
N7	15	30	CP-256QAM	L	Outer_Full	28.525	29.760	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	28.602	29.640	PASS



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

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

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

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

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 18 of 94

N7	15	30	DFT-PI2BPSK	M	Outer_Full	28.592	29.760	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	28.61	29.880	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	28.567	29.940	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	28.587	29.760	PASS
N7	15	30	CP-QPSK	M	Outer_Full	28.595	31.020	PASS
N7	15	30	CP-16QAM	M	Outer_Full	28.541	29.940	PASS
N7	15	30	CP-64QAM	M	Outer_Full	28.563	30.420	PASS
N7	15	30	CP-256QAM	M	Outer_Full	28.500	29.760	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	28.539	29.580	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	28.568	29.640	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	28.565	29.640	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	28.533	29.700	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	28.549	29.820	PASS
N7	15	30	CP-QPSK	H	Outer_Full	28.539	29.700	PASS
N7	15	30	CP-16QAM	H	Outer_Full	28.509	29.760	PASS
N7	15	30	CP-64QAM	H	Outer_Full	28.509	30.660	PASS
N7	15	30	CP-256QAM	H	Outer_Full	28.533	29.640	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	38.595	40.240	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	38.552	40.320	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	38.544	40.240	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	38.533	40.320	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	38.621	40.160	PASS
N7	15	40	CP-QPSK	L	Outer_Full	38.559	40.240	PASS
N7	15	40	CP-16QAM	L	Outer_Full	38.550	40.320	PASS
N7	15	40	CP-64QAM	L	Outer_Full	38.589	40.240	PASS
N7	15	40	CP-256QAM	L	Outer_Full	38.541	40.240	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	38.595	40.320	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	38.537	40.320	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	38.640	40.160	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	38.570	40.400	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	38.487	40.240	PASS
N7	15	40	CP-QPSK	M	Outer_Full	38.524	40.320	PASS
N7	15	40	CP-16QAM	M	Outer_Full	38.575	40.160	PASS
N7	15	40	CP-64QAM	M	Outer_Full	38.585	40.320	PASS
N7	15	40	CP-256QAM	M	Outer_Full	38.491	40.160	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	38.605	40.160	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	38.532	40.160	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	38.648	40.400	PASS



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

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

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

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



Report No.: SEWA2309000114RG10

Rev.: 01

Page: 19 of 94

N7	15	40	DFT-64QAM	H	Outer_Full	38.549	40.240	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	38.398	40.240	PASS
N7	15	40	CP-QPSK	H	Outer_Full	38.55	40.160	PASS
N7	15	40	CP-16QAM	H	Outer_Full	38.509	40.240	PASS
N7	15	40	CP-64QAM	H	Outer_Full	38.405	40.320	PASS
N7	15	40	CP-256QAM	H	Outer_Full	38.485	40.160	PASS



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

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

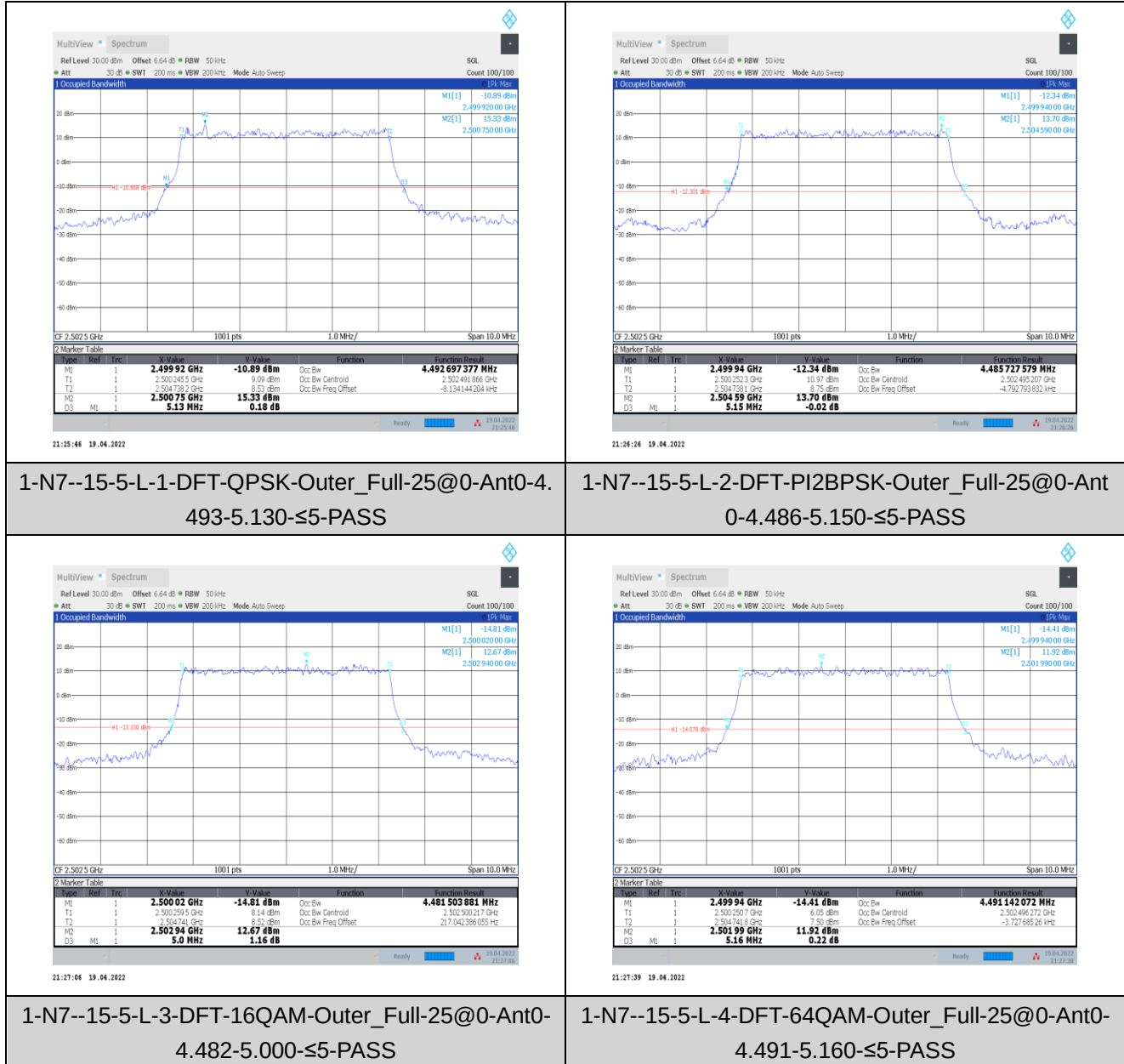
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWA2309000114RG10

Rev.: 01

Page: 20 of 94

Test Graphs



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

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

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

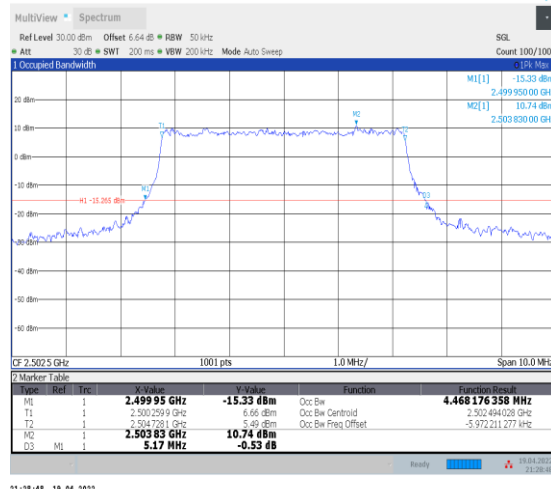
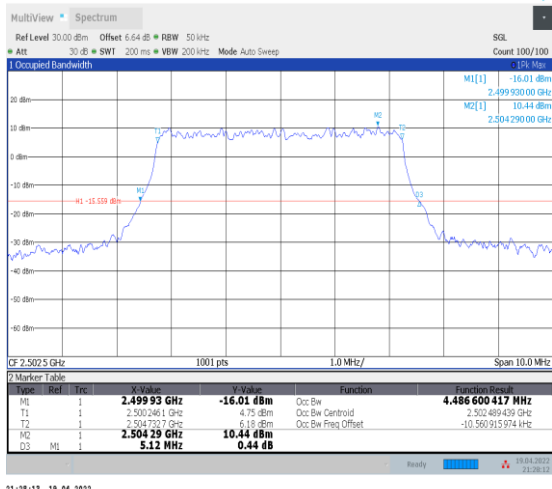
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

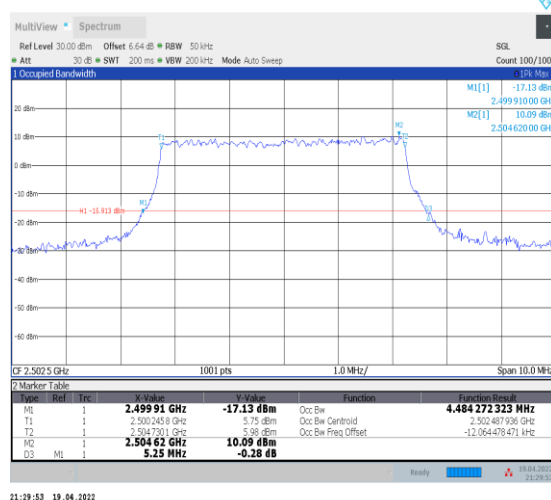
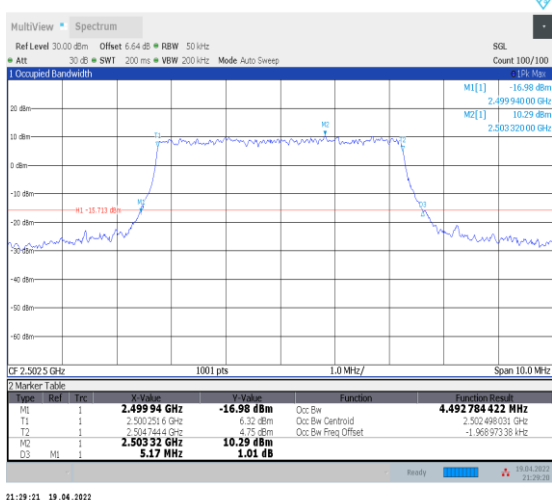
Rev.: 01

Page: 21 of 94



1-N7--15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant0
-4.487-5.120-≤5-PASS

1-N7--15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant0-4.
468-5.170-≤5-PASS



1-N7--15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant0-4
.493-5.170-≤5-PASS

1-N7--15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant0-4
.484-5.250-≤5-PASS



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

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

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

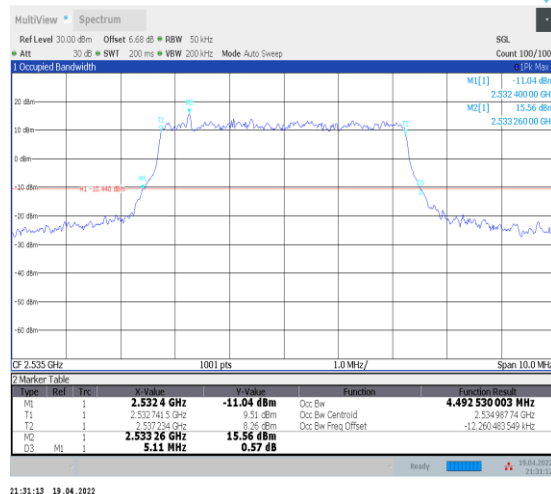
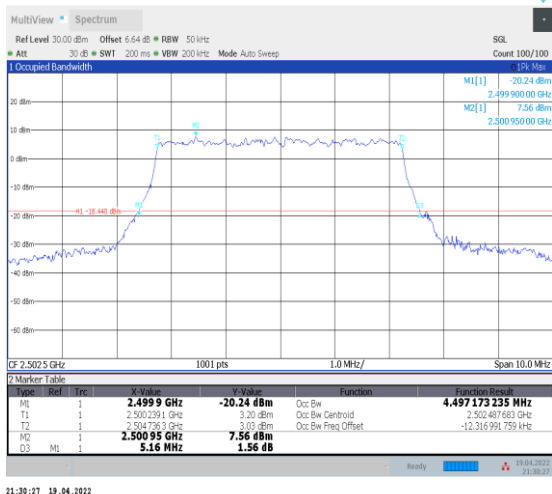
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

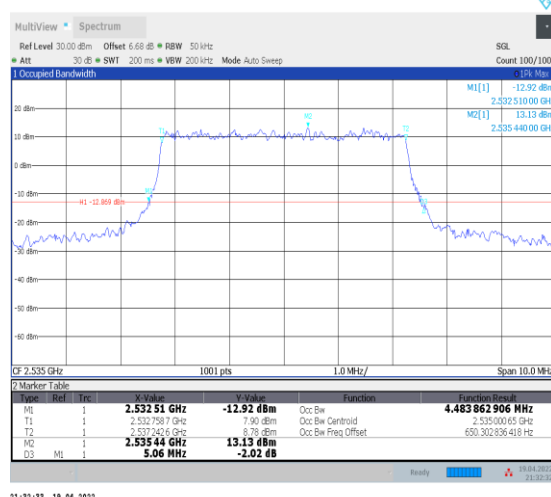
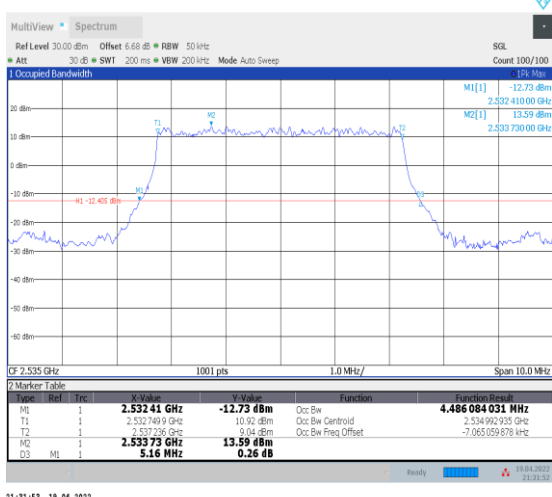
Rev.: 01

Page: 22 of 94



1-N7--15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant0-4.497-5.160-≤5-PASS

1-N7--15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant0-4.493-5.110-≤5-PASS



1-N7--15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant0-4.486-5.160-≤5-PASS

1-N7--15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant0-4.484-5.060-≤5-PASS



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

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

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

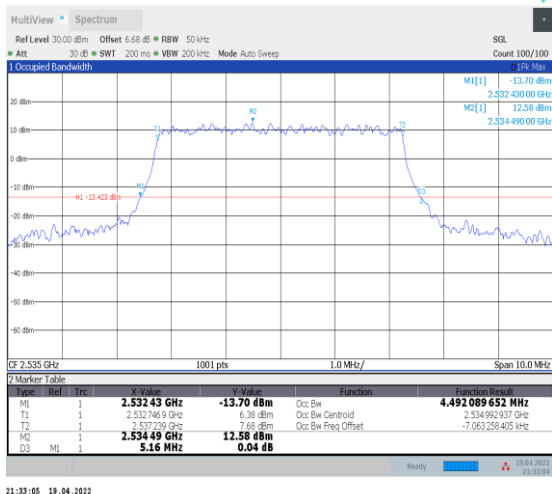
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

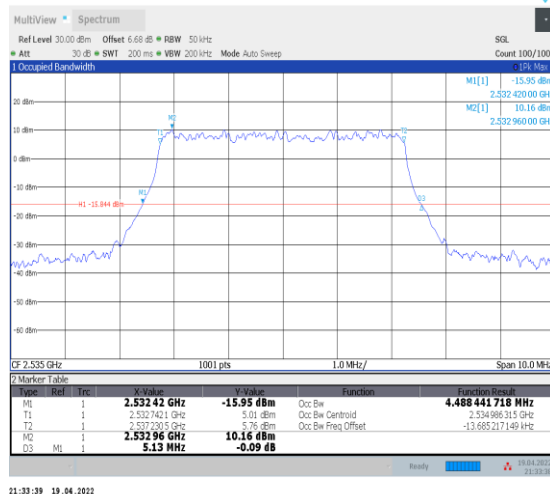
Report No.: SEWA2309000114RG10

Rev.: 01

Page: 23 of 94



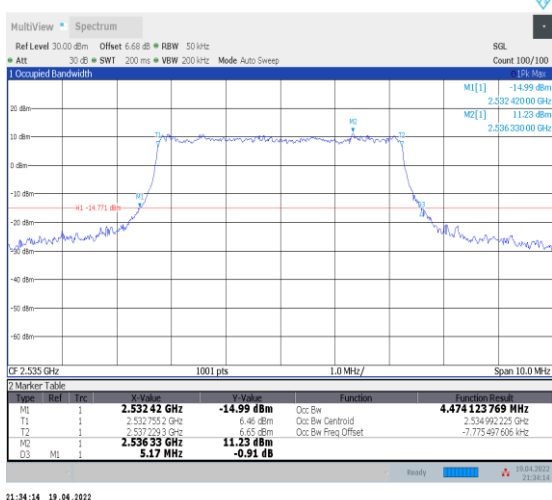
21:33:05 19.04.2022



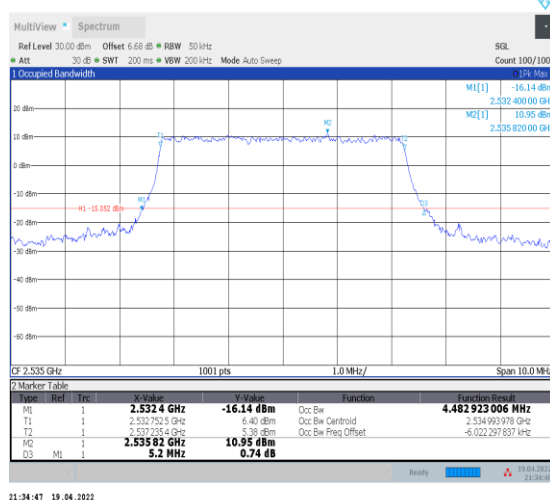
21:33:39 19.04.2022

1-N7--15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant0
-4.492-5.160-≤5-PASS

1-N7--15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant
0-4.488-5.130-≤5-PASS



21:34:14 19.04.2022



21:34:47 19.04.2022

1-N7--15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant0-4.
474-5.170-≤5-PASS

1-N7--15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant0-
4.483-5.200-≤5-PASS



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

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

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

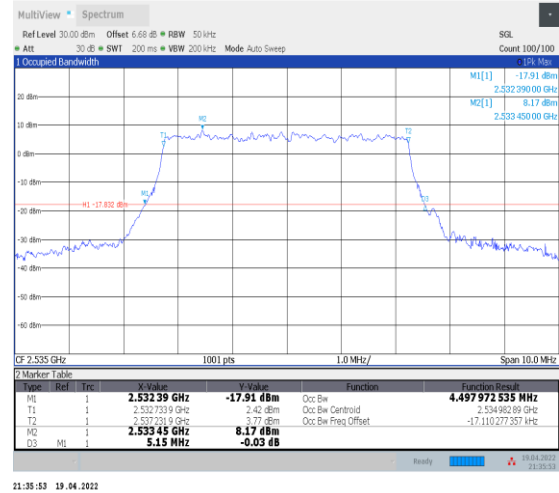
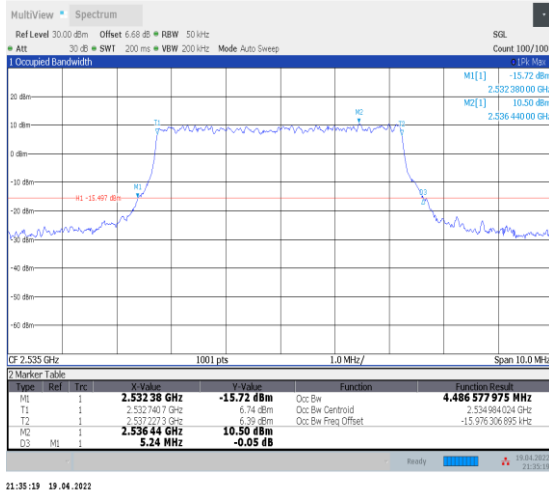
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

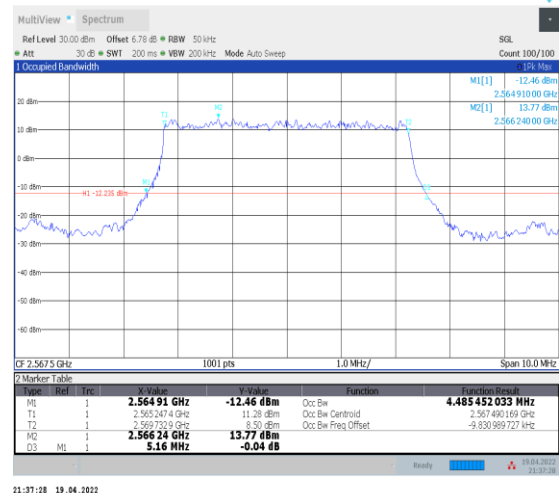
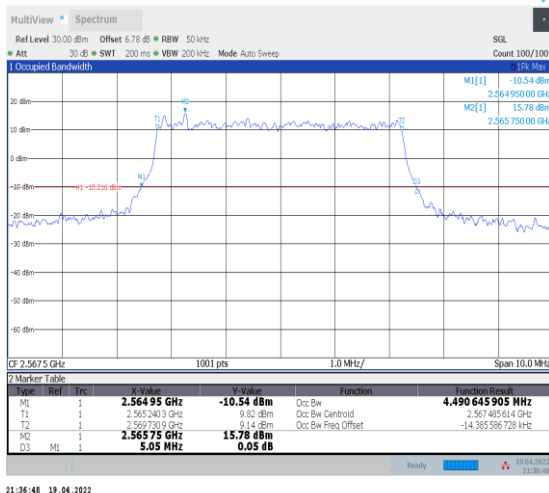
Rev.: 01

Page: 24 of 94



1-N7--15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant0-
4.487-5.240-≤5-PASS

1-N7--15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant0
-4.498-5.150-≤5-PASS



1-N7--15-5-H-1-DFT-QPSK-Outer_Full-25@0-Ant0-4
.491-5.050-≤5-PASS

1-N7--15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant
0-4.485-5.160-≤5-PASS



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

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

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

中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000

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

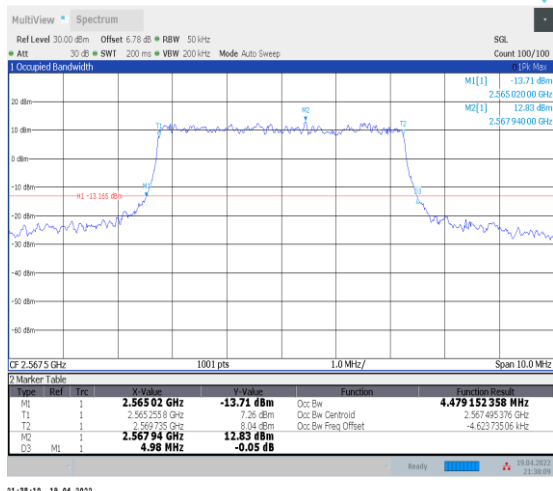
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

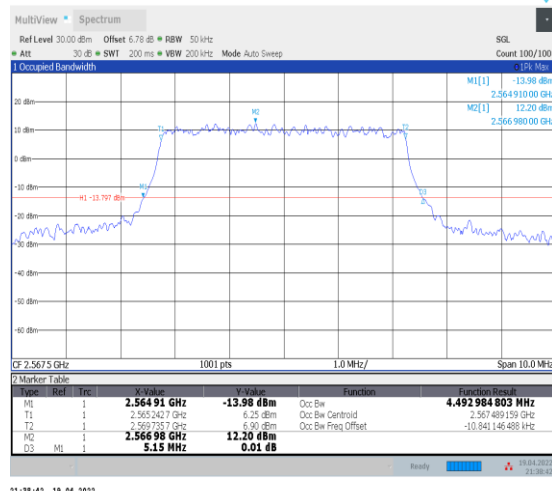
Report No.: SEWA2309000114RG10

Rev.: 01

Page: 25 of 94



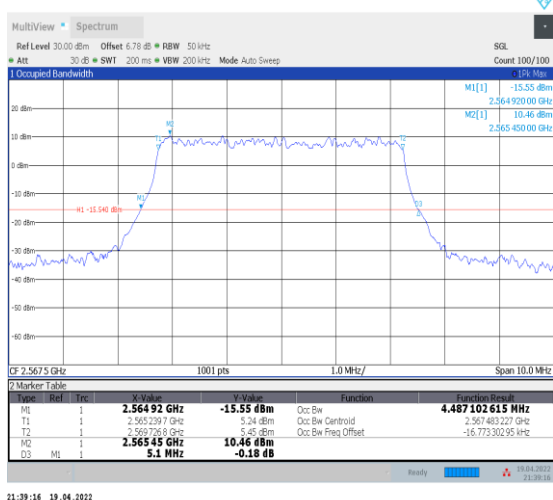
21:38:10 19.04.2022



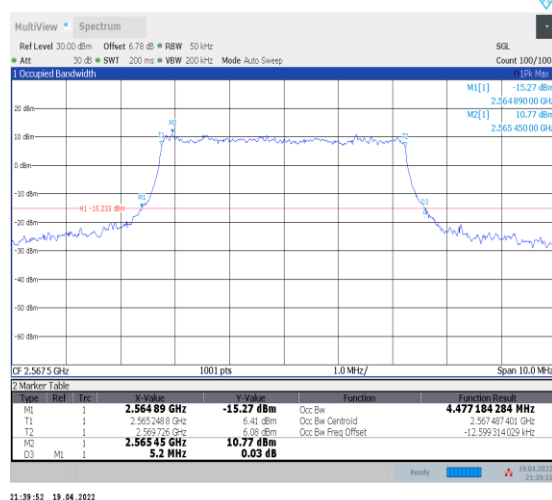
21:38:40 19.04.2022

1-N7--15-5-H-3-DFT-16QAM-Outer_Full-25@0-Ant0-
4.479-4.980-≤5-PASS

1-N7--15-5-H-4-DFT-64QAM-Outer_Full-25@0-Ant0-
4.493-5.150-≤5-PASS



21:39:14 19.04.2022



21:39:50 19.04.2022

1-N7--15-5-H-5-DFT-256QAM-Outer_Full-25@0-Ant
0-4.487-5.100-≤5-PASS

1-N7--15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant0-4.
477-5.200-≤5-PASS



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

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

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

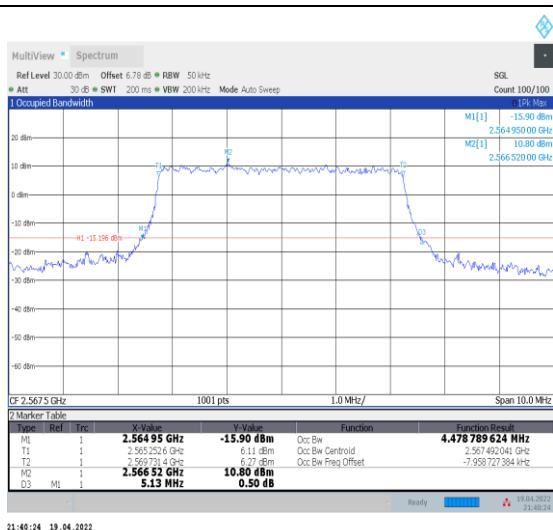
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南面 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

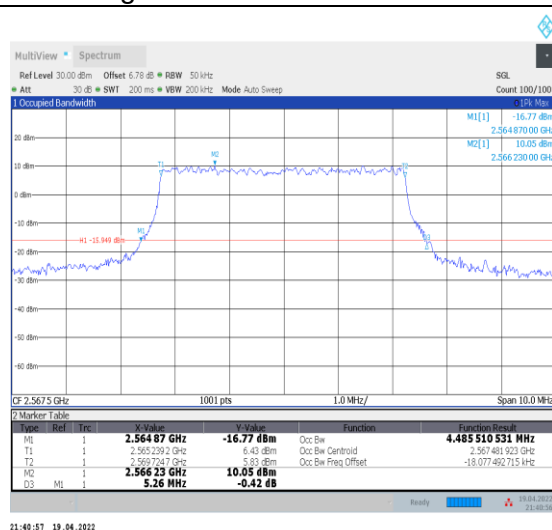
Report No.: SEWA2309000114RG10

Rev.: 01

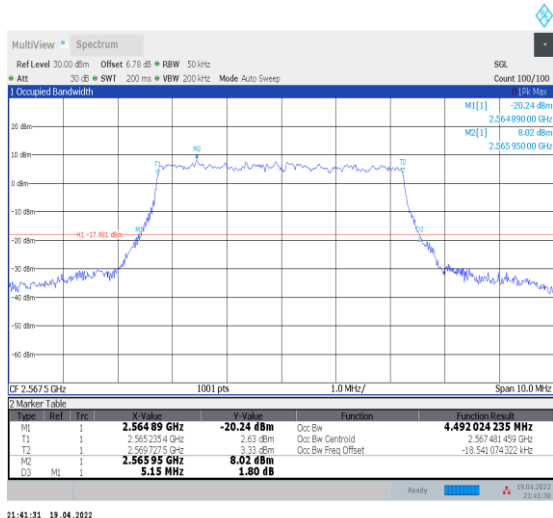
Page: 26 of 94



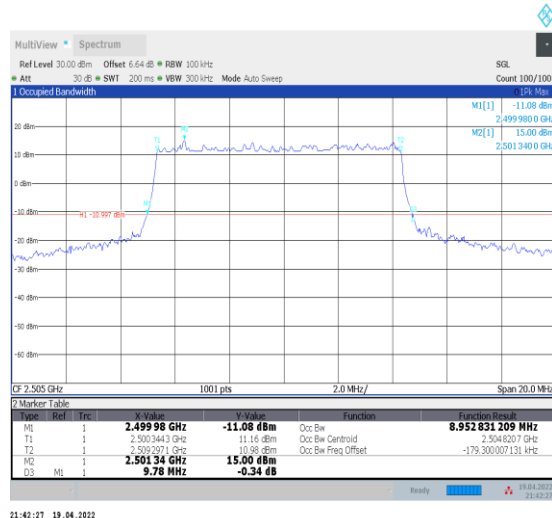
1-N7--15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant0-4
 .479-5.130-≤5-PASS



1-N7--15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant0-4
 .486-5.260-≤5-PASS



1-N7--15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant0-4
 4.492-5.150-≤5-PASS



1-N7--15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant0-9
 8.953-9.780-≤10-PASS



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

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

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

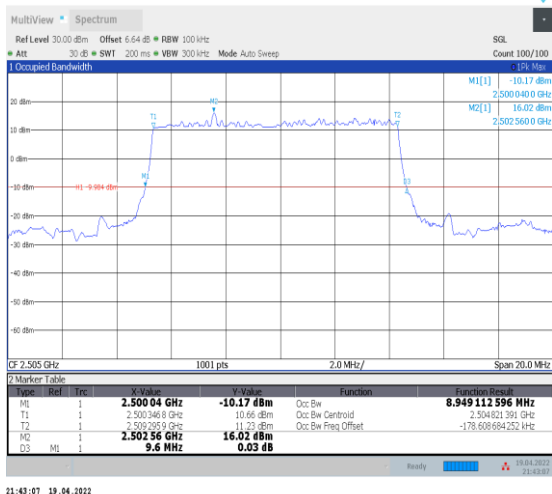
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

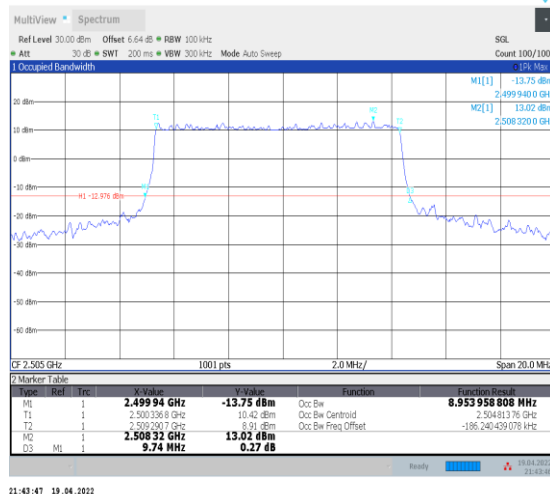
Report No.: SEWA2309000114RG10

Rev.: 01

Page: 27 of 94



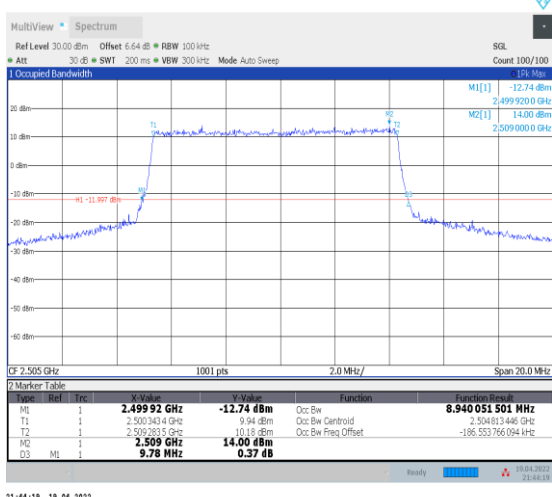
21:43:07 19.04.2022



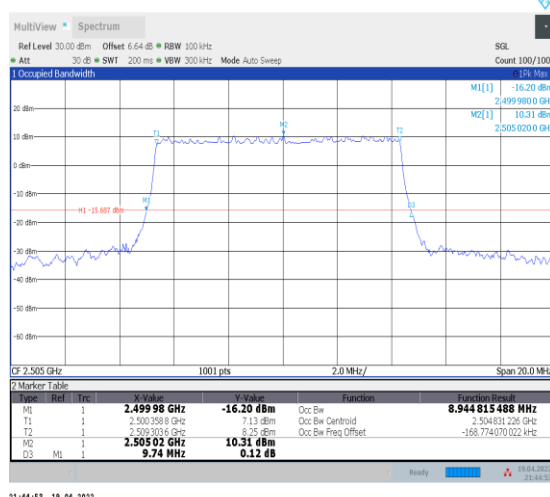
21:43:47 19.04.2022

1-N7--15-10-L-2-DFT-PI2BPSK-Outer_Full-50@0-Ant
t0-8.949-9.600-≤10-PASS

1-N7--15-10-L-3-DFT-16QAM-Outer_Full-50@0-Ant0
-8.954-9.740-≤10-PASS



21:44:19 19.04.2022



21:44:53 19.04.2022

1-N7--15-10-L-4-DFT-64QAM-Outer_Full-50@0-Ant0
-8.94-9.780-≤10-PASS

1-N7--15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant
0-8.945-9.740-≤10-PASS



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

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

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

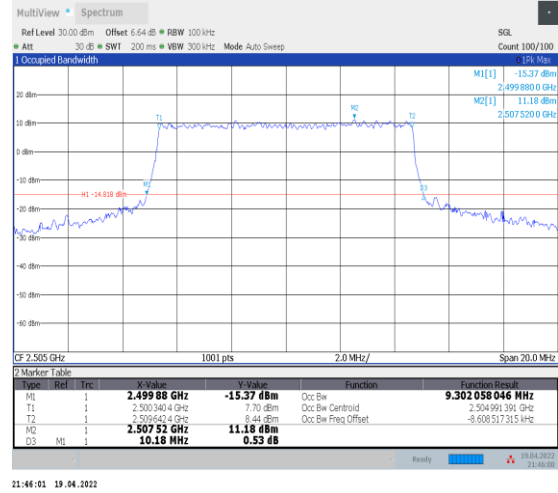
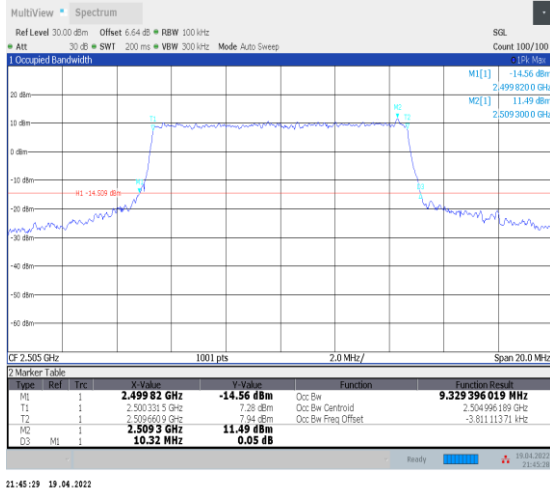
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

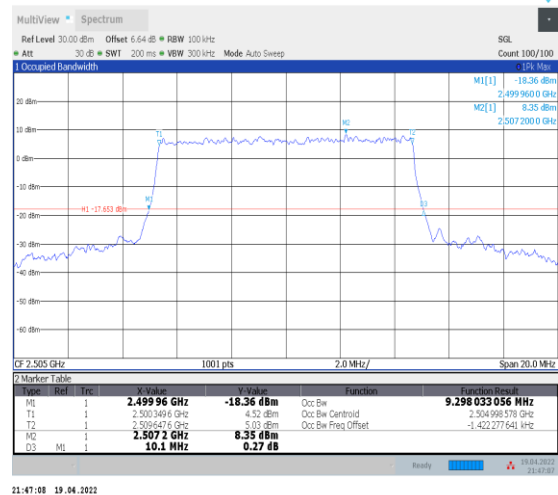
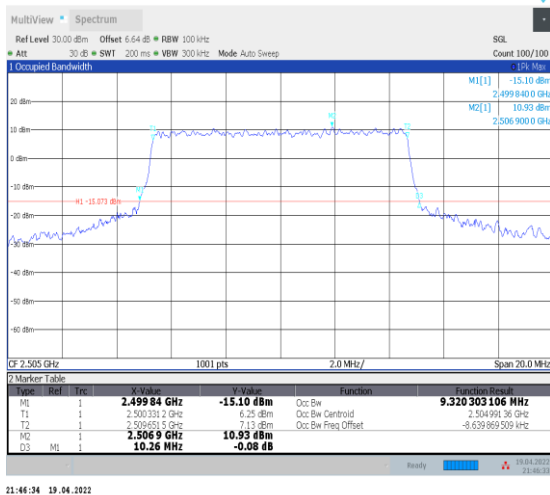
Rev.: 01

Page: 28 of 94



1-N7--15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant0-9.329-10.320-≤10-PASS

1-N7--15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant0-9.302-10.180-≤10-PASS



1-N7--15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant0-9.32-10.260-≤10-PASS

1-N7--15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant0-9.298-10.100-≤10-PASS



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

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

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

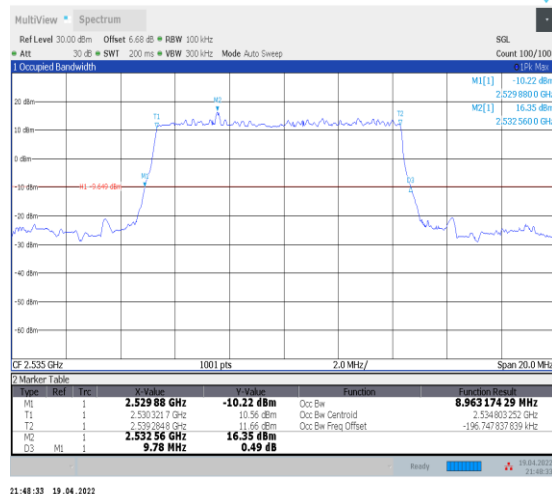
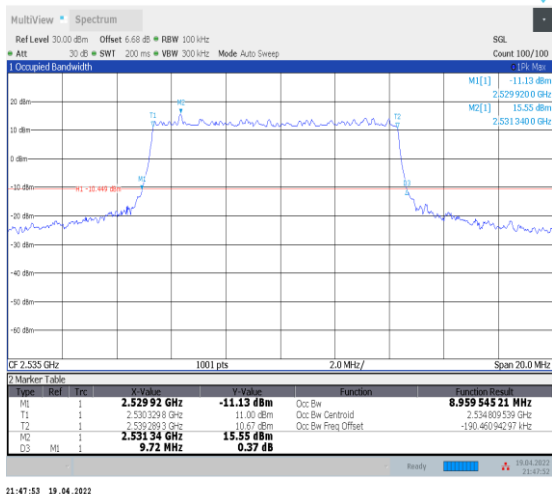
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

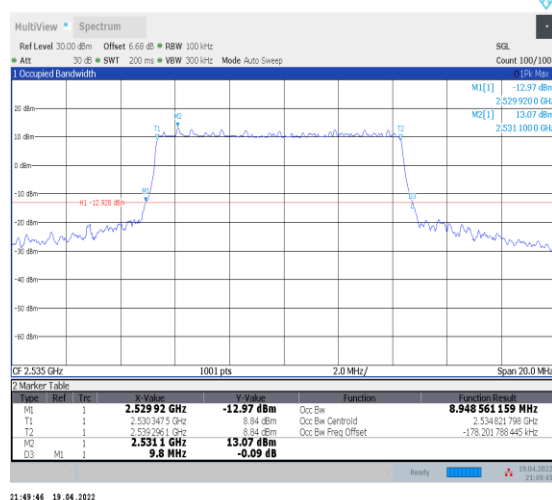
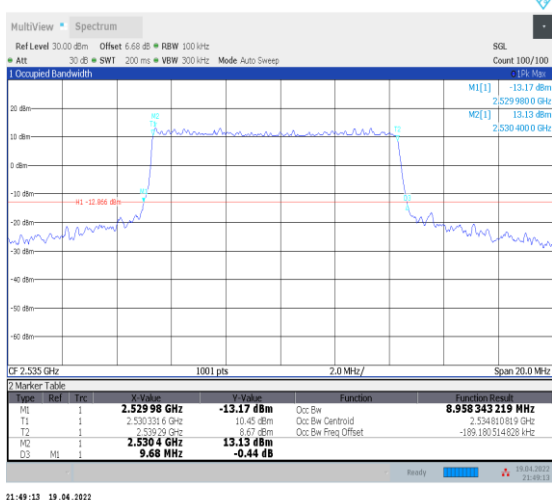
Rev.: 01

Page: 29 of 94



1-N7--15-10-M-1-DFT-QPSK-Outet_Full-50@0-Ant0-
8.96-9.720≤10-PASS

1-N7--15-10-M-2-DFT-PI2BPSK-Outet_Full-50@0-Ant0-
8.963-9.780≤10-PASS



1-N7--15-10-M-3-DFT-16QAM-Outet_Full-50@0-Ant0-
0-8.958-9.680≤10-PASS

1-N7--15-10-M-4-DFT-64QAM-Outet_Full-50@0-Ant0-
0-8.949-9.800≤10-PASS



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

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

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

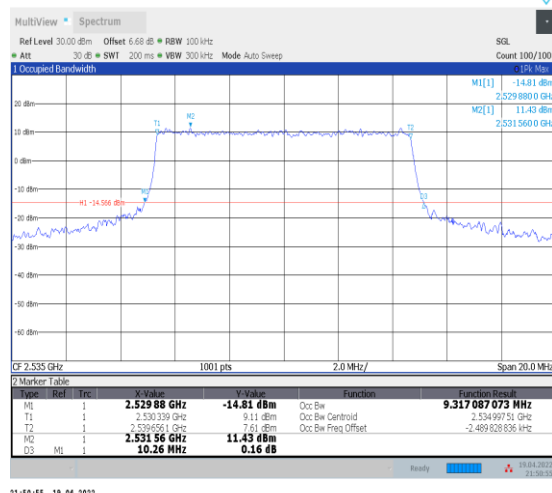
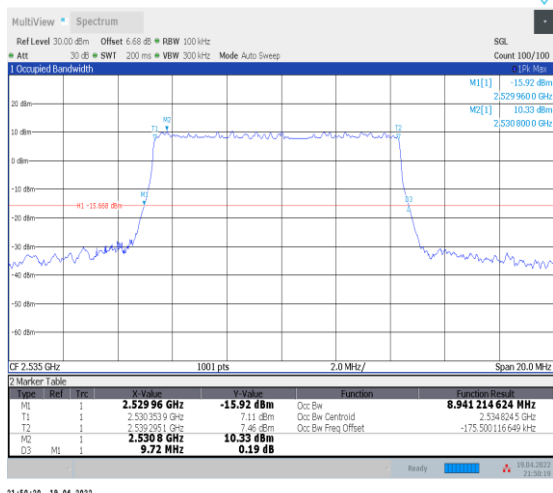
t (86-512) 62992980 www.sgs.com
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

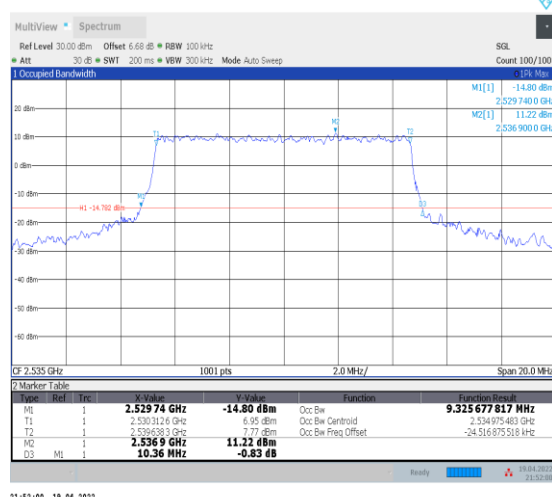
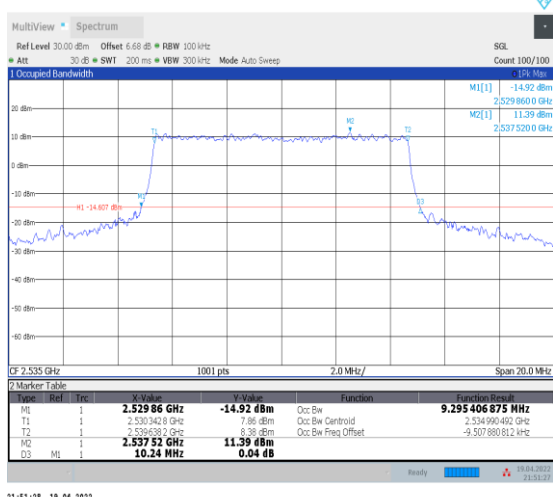
Rev.: 01

Page: 30 of 94



1-N7--15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant0-8.941-9.720-≤10-PASS

1-N7--15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant0-9.317-10.260-≤10-PASS



1-N7--15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant0-9.295-10.240-≤10-PASS

1-N7--15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant0-9.326-10.360-≤10-PASS



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

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

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

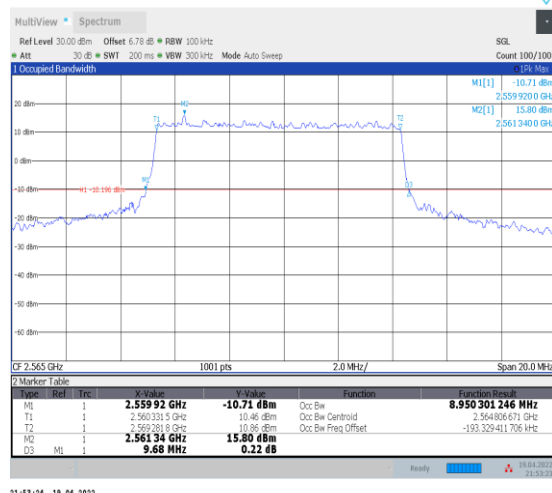
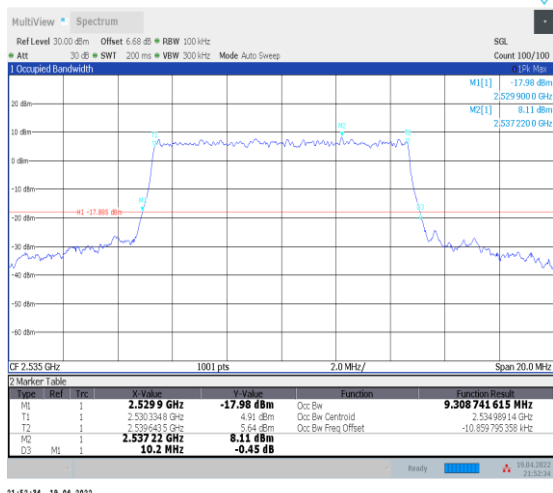
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG10

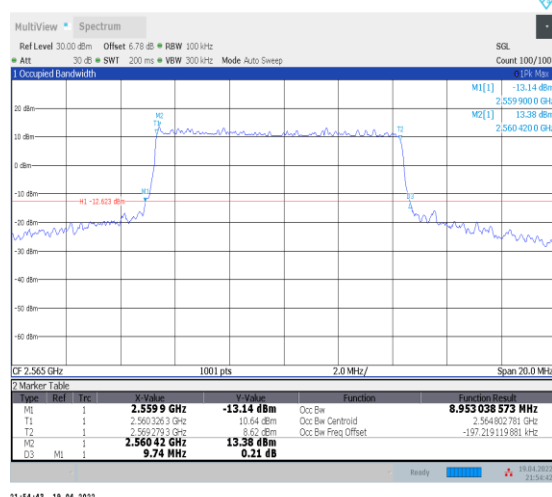
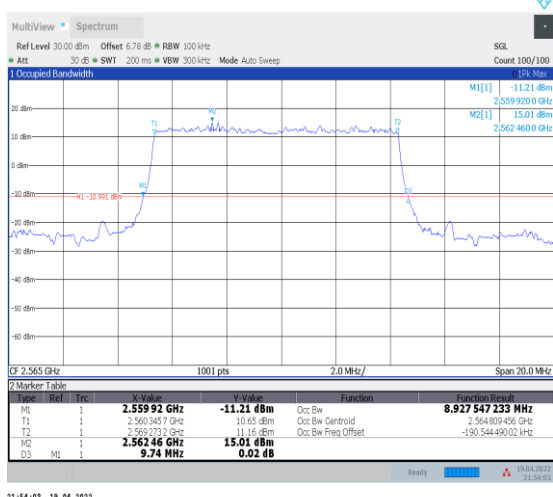
Rev.: 01

Page: 31 of 94



1-N7--15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant
0-9.309-10.200-≤10-PASS

1-N7--15-10-H-1-DFT-QPSK-Outer_Full-50@0-Ant0-
8.95-9.680-≤10-PASS



1-N7--15-10-H-2-DFT-PI2BPSK-Outer_Full-50@0-A
nt0-8.928-9.740-≤10-PASS

1-N7--15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant
0-8.953-9.740-≤10-PASS



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

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

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

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

Member of the SGS Group (SGS SA)