

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 1 of 51

Appendix B.18

NR Band n48



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

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

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

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

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

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 2 of 51

Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT7

Band	SCS	Band width	Modulation	Channel	RB Config	Power (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	23.98	21.48	23.00	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	23.00	20.50	23.00	PASS
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	24.09	21.59	23.00	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	23.15	20.65	23.00	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	23.77	21.27	23.00	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	22.85	20.35	23.00	PASS
N48	30	15	DFT-QPSK	L	Inner_1RB_Left	24.17	21.67	23.00	PASS
N48	30	15	DFT-16QAM	L	Inner_1RB_Left	23.17	20.67	23.00	PASS
N48	30	15	DFT-QPSK	M	Inner_1RB_Left	24.29	21.79	23.00	PASS
N48	30	15	DFT-16QAM	M	Inner_1RB_Left	23.34	20.84	23.00	PASS
N48	30	15	DFT-QPSK	H	Inner_1RB_Left	24.00	21.50	23.00	PASS
N48	30	15	DFT-16QAM	H	Inner_1RB_Left	23.02	20.52	23.00	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	24.17	21.67	23.00	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	23.22	20.72	23.00	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	24.39	21.89	23.00	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	23.34	20.84	23.00	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	23.95	21.45	23.00	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	23.02	20.52	23.00	PASS
N48	30	30	DFT-QPSK	L	Inner_1RB_Left	24.23	21.73	23.00	PASS
N48	30	30	DFT-16QAM	L	Inner_1RB_Left	23.23	20.73	23.00	PASS
N48	30	30	DFT-QPSK	M	Inner_1RB_Left	24.40	21.90	23.00	PASS
N48	30	30	DFT-16QAM	M	Inner_1RB_Left	23.43	20.93	23.00	PASS
N48	30	30	DFT-QPSK	H	Inner_1RB_Left	24.03	21.53	23.00	PASS
N48	30	30	DFT-16QAM	H	Inner_1RB_Left	23.10	20.60	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	24.05	21.55	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	24.00	21.50	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	23.51	21.01	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	24.11	21.61	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	23.95	21.45	23.00	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	23.00	20.50	23.00	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	23.04	20.54	23.00	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, Rursheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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

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

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 3 of 51

N48	30	40	DFT-16QAM	L	Inner_1RB_Right	23.04	20.54	23.00	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	21.98	19.48	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	21.46	18.96	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	21.52	19.02	23.00	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	21.52	19.02	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	19.28	16.78	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	19.29	16.79	23.00	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	19.49	16.99	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	24.15	21.65	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	24.00	21.50	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	23.59	21.09	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	24.16	21.66	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	23.95	21.45	23.00	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	23.07	20.57	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	23.27	20.77	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	23.10	20.60	23.00	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	22.10	19.60	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	21.58	19.08	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	21.53	19.03	23.00	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	21.60	19.10	23.00	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	19.54	17.04	23.00	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	19.33	16.83	23.00	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	19.56	17.06	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.91	21.41	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.82	21.32	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	23.29	20.79	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	23.92	21.42	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	23.80	21.30	23.00	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	22.80	20.30	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	22.89	20.39	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	22.87	20.37	23.00	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	21.82	19.32	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	21.28	18.78	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	21.28	18.78	23.00	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	21.28	18.78	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	19.18	16.68	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	19.21	16.71	23.00	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, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com



Report No.: SEWM2309000386RG02

Rev.: 01

Page: 4 of 51

N48	30	40	DFT-256QAM	H	Outer_Full	19.26	16.76	23.00	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 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 5 of 51

Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	40	DFT-256QAM	L	Outer_Full	9.38	≤13	PASS
N48	30	40	CP-256QAM	L	Outer_Full	9.45	≤13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	9.31	≤13	PASS
N48	30	40	CP-256QAM	M	Outer_Full	10.67	≤13	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	9.70	≤13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	10.36	≤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

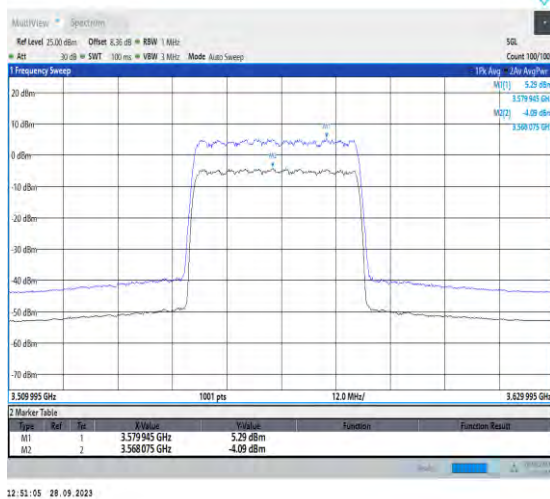
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

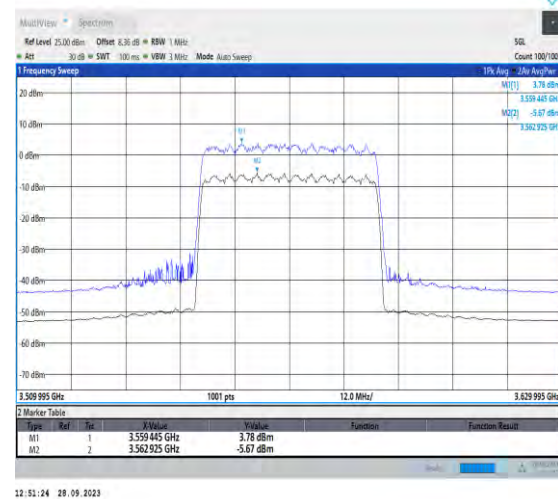
Rev.: 01

Page: 6 of 51

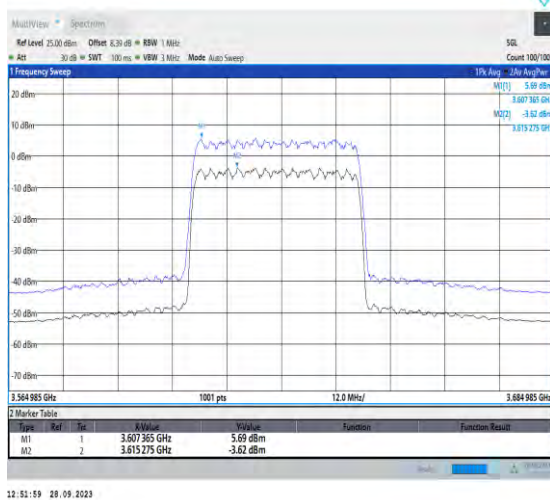
Test Graphs



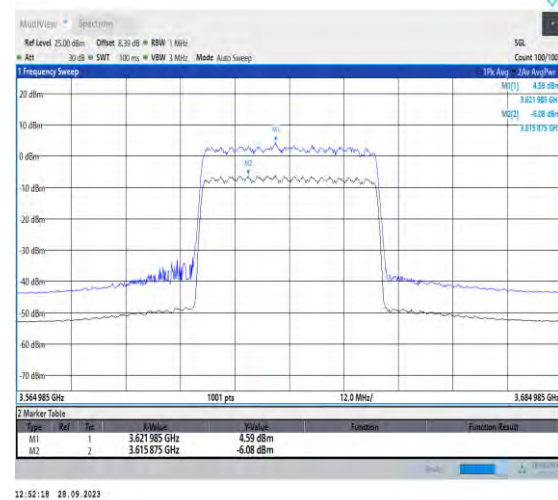
1-N48-PC3-30-40-L-1-DFT-256QAM-Outer_Full-100
@0-Ant7-9.38-100%-0.00-9.38-PASS-≤13



1-N48-PC3-30-40-L-2-CP-256QAM-Outer_Full-106@
0-Ant7-9.45-100%-0.00-9.45-PASS-≤13



1-N48-PC3-30-40-M-1-DFT-256QAM-Outer_Full-10
0@0-Ant7-9.31-100%-0.00-9.31-PASS-≤13



1-N48-PC3-30-40-M-2-CP-256QAM-Outer_Full-106
@0-Ant7-10.67-100%-0.00-10.67-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 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

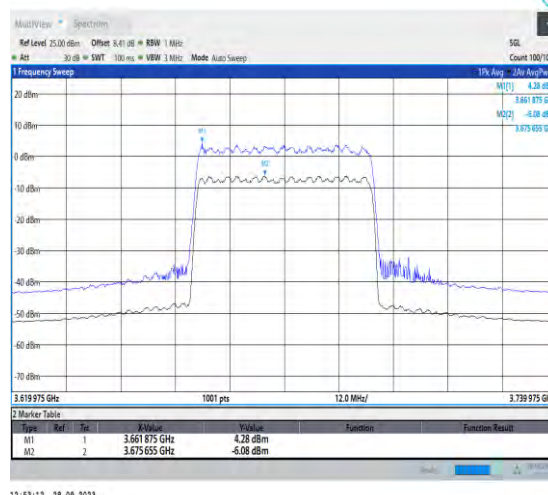
Report No.: SEWM2309000386RG02

Rev.: 01

Page: 7 of 51



1-N48-PC3-30-40-H-1-DFT-256QAM-Outter_Full-100
@0-Ant7-9.70-100%-0.00-9.70-PASS≤13



1-N48-PC3-30-40-H-2-CP-256QAM-Outter_Full-106
@0-Ant7-10.36-100%-0.00-10.36-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
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 8 of 51

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	10	DFT-QPSK	M	Outer_Full	8.595	9.600	PASS
N48	30	10	DFT-PI2BPSK	M	Outer_Full	8.586	9.620	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	8.616	9.520	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	8.56	9.240	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	8.584	9.420	PASS
N48	30	10	CP-QPSK	M	Outer_Full	8.567	9.740	PASS
N48	30	10	CP-16QAM	M	Outer_Full	8.559	9.200	PASS
N48	30	10	CP-64QAM	M	Outer_Full	8.588	9.820	PASS
N48	30	10	CP-256QAM	M	Outer_Full	8.578	9.340	PASS
N48	30	15	DFT-QPSK	M	Outer_Full	12.889	14.340	PASS
N48	30	15	DFT-PI2BPSK	M	Outer_Full	12.864	13.890	PASS
N48	30	15	DFT-16QAM	M	Outer_Full	12.88	13.950	PASS
N48	30	15	DFT-64QAM	M	Outer_Full	12.889	14.310	PASS
N48	30	15	DFT-256QAM	M	Outer_Full	12.84	14.130	PASS
N48	30	15	CP-QPSK	M	Outer_Full	13.597	14.880	PASS
N48	30	15	CP-16QAM	M	Outer_Full	13.611	15.090	PASS
N48	30	15	CP-64QAM	M	Outer_Full	13.584	14.730	PASS
N48	30	15	CP-256QAM	M	Outer_Full	13.596	14.790	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.886	18.880	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.76	18.920	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.838	19.000	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.736	19.120	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.785	19.000	PASS
N48	30	20	CP-QPSK	M	Outer_Full	18.218	19.600	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.26	19.360	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.172	19.680	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.198	19.440	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	26.754	27.960	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	26.747	28.380	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	26.84	28.260	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, Rensheng 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.: SEWM2309000386RG02

Rev.: 01

Page: 9 of 51

N48	30	30	DFT-64QAM	M	Outer_Full	26.801	28.140	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	26.687	27.780	PASS
N48	30	30	CP-QPSK	M	Outer_Full	27.852	29.280	PASS
N48	30	30	CP-16QAM	M	Outer_Full	27.74	29.460	PASS
N48	30	30	CP-64QAM	M	Outer_Full	27.808	29.340	PASS
N48	30	30	CP-256QAM	M	Outer_Full	27.814	29.040	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.712	37.360	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.75	37.680	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.733	37.760	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.716	37.600	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.618	37.440	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.803	40.000	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.808	39.600	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.747	39.760	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.847	39.360	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

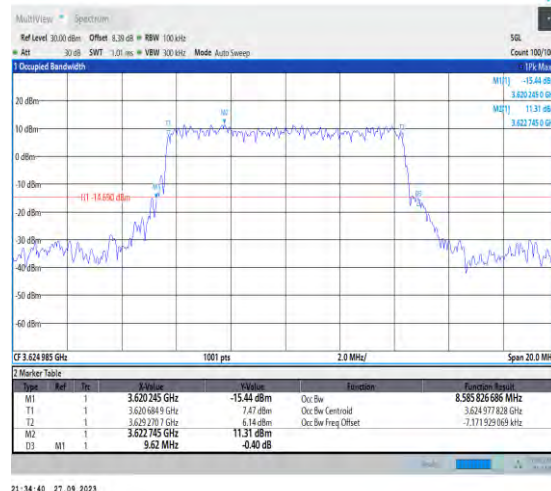
t (86-512) 62992980 www.sgsgroup.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02
Rev.: 01
Page: 10 of 51

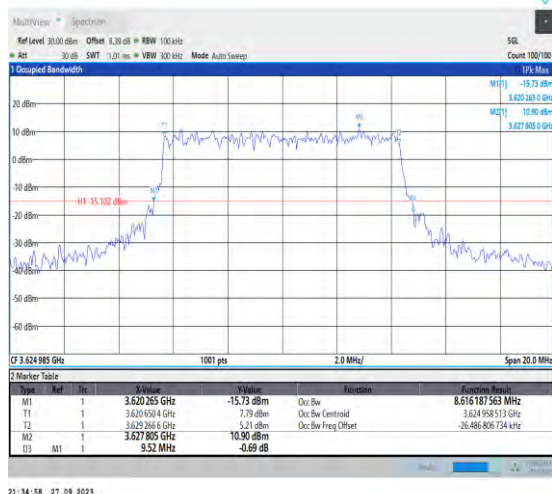
Test Graphs



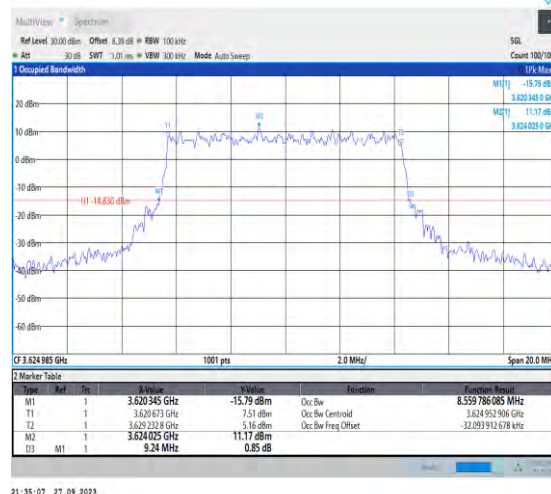
1-N48-PC3-30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant7-8.595-9.600-≤10-PASS



1-N48-PC3-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant7-8.586-9.620-≤10-PASS



1-N48-PC3-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant7-8.616-9.520-≤10-PASS



1-N48-PC3-30-10-M-4-DFT-64QAM-Outer_Full-24@0-Ant7-8.56-9.240-≤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 herein reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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.: SEWM2309000386RG02

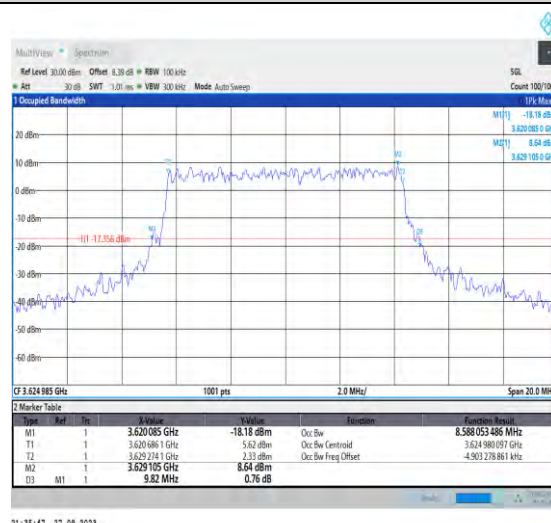
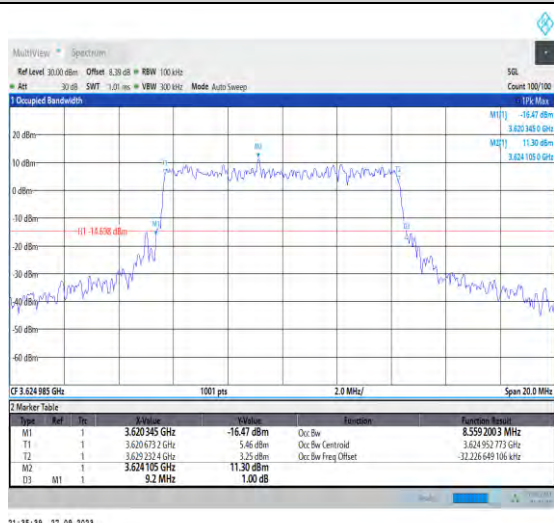
Rev.: 01

Page: 11 of 51



1-N48-PC3-30-10-M-5-DFT-256QAM-Outer_Full-24@0-Ant7-8.584-9.420-≤10-PASS

1-N48-PC3-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant7-8.567-9.740-≤10-PASS



1-N48-PC3-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant7-8.559-9.200-≤10-PASS

1-N48-PC3-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant7-8.588-9.820-≤10-PASS



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

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

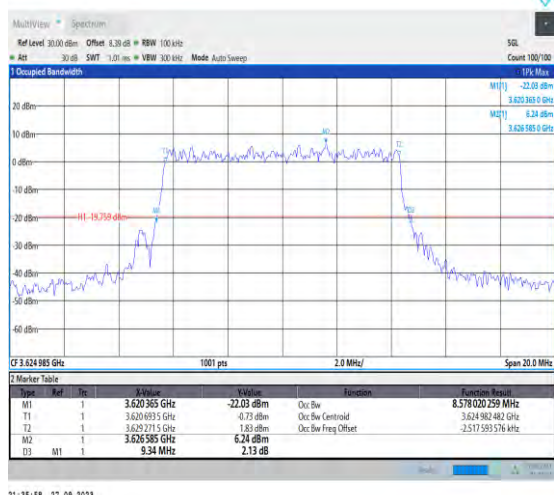
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

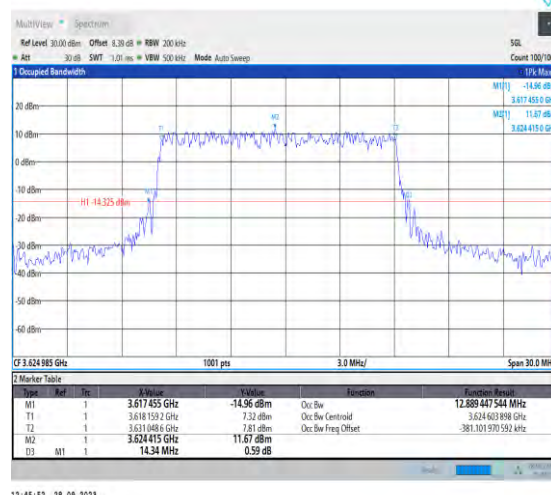
Rev.: 01

Page: 12 of 51



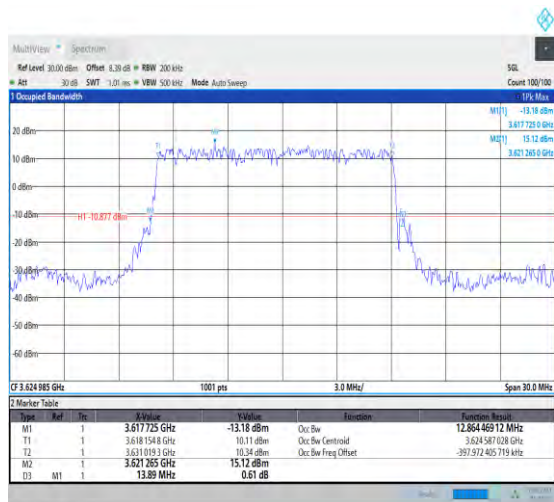
21:35:58 27.09.2023

1-N48-PC3-30-10-M-9-CP-256QAM-Outer_Full-24@
0-Ant7-8.578-9.340-≤10-PASS



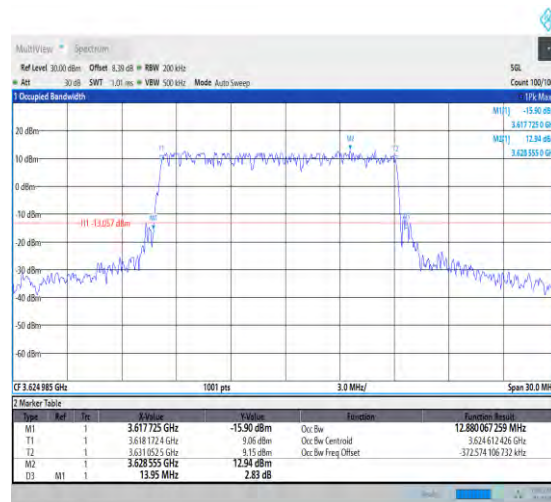
12:45:52 29.09.2023

1-N48-PC3-30-15-M-1-DFT-QPSK-Outer_Full-36@0
-Ant7-12.889-14.340-≤15-PASS



21:36:51 27.09.2023

1-N48-PC3-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@
0-Ant7-12.864-13.890-≤15-PASS



21:38:47 27.09.2023

1-N48-PC3-30-15-M-3-DFT-16QAM-Outer_Full-36@
0-Ant7-12.88-13.950-≤15-PASS



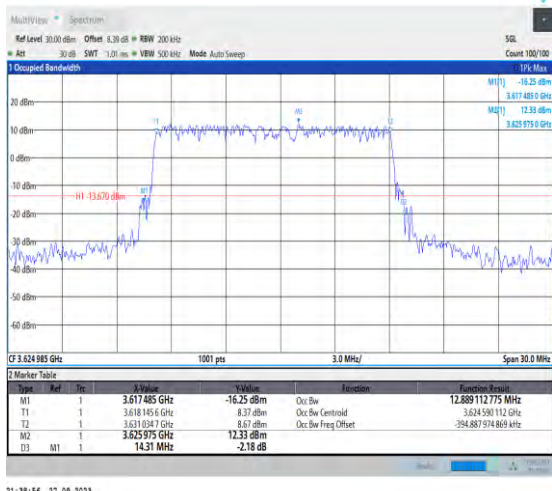
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Forms-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.: SEWM2309000386RG02

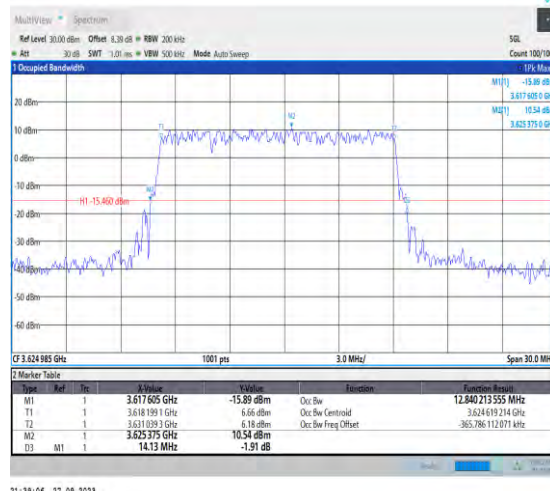
Rev.: 01

Page: 13 of 51



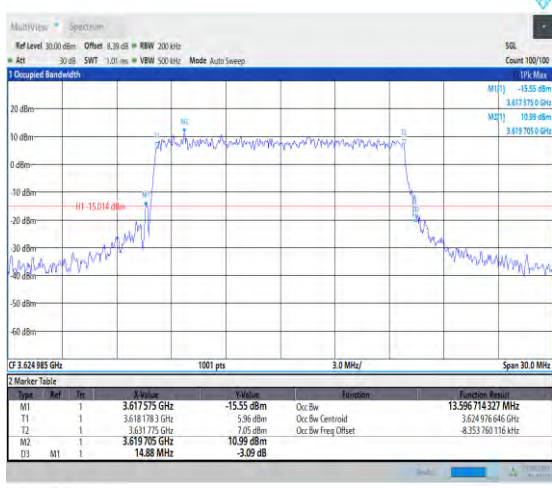
21:39:56 27.09.2023

1-N48-PC3-30-15-M-4-DFT-64QAM-Outer_Full-36@
0-Ant7-12.889-14.310≤15-PASS



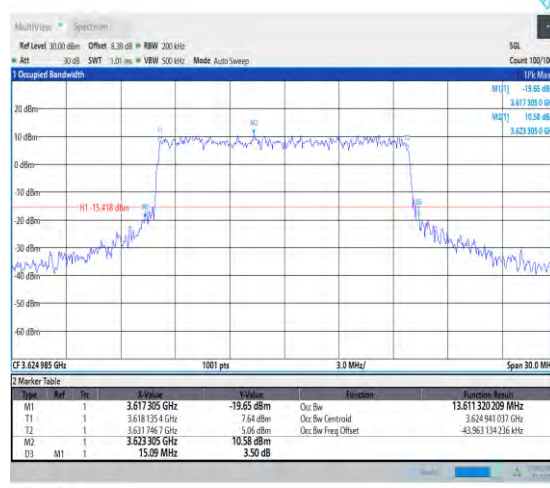
21:39:06 27.09.2023

1-N48-PC3-30-15-M-5-DFT-256QAM-Outer_Full-36@
0-Ant7-12.84-14.130≤15-PASS



21:39:18 27.09.2023

1-N48-PC3-30-15-M-6-CP-QPSK-Outer_Full-38@0-
Ant7-13.597-14.880≤15-PASS



21:39:27 27.09.2023

1-N48-PC3-30-15-M-7-CP-16QAM-Outer_Full-38@0-
Ant7-13.611-15.090≤15-PASS



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

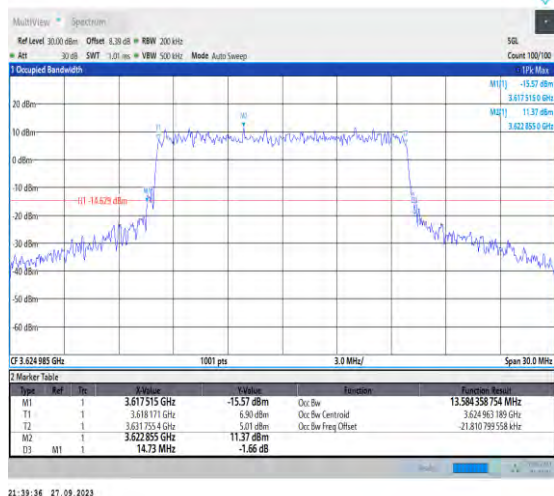
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

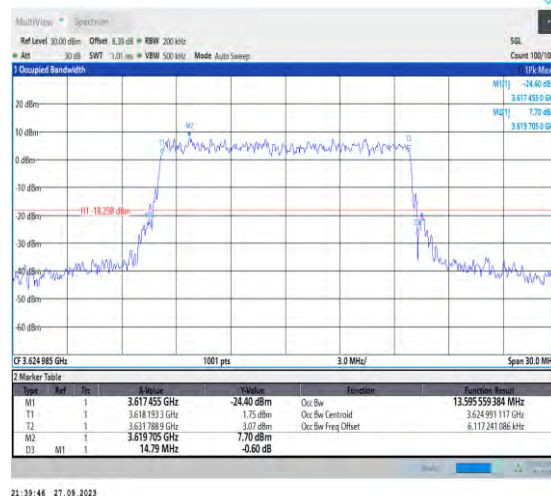
Report No.: SEWM2309000386RG02

Rev.: 01

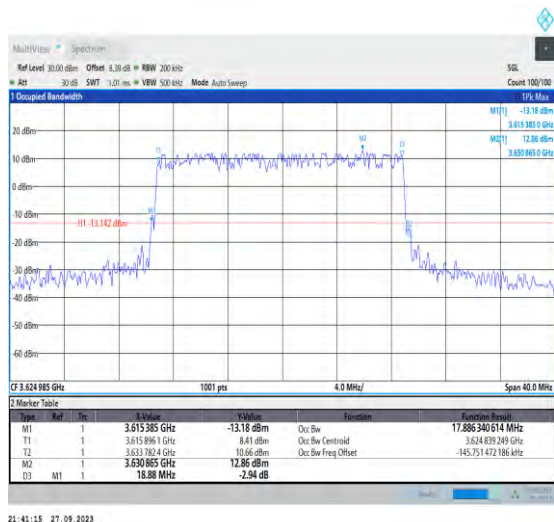
Page: 14 of 51



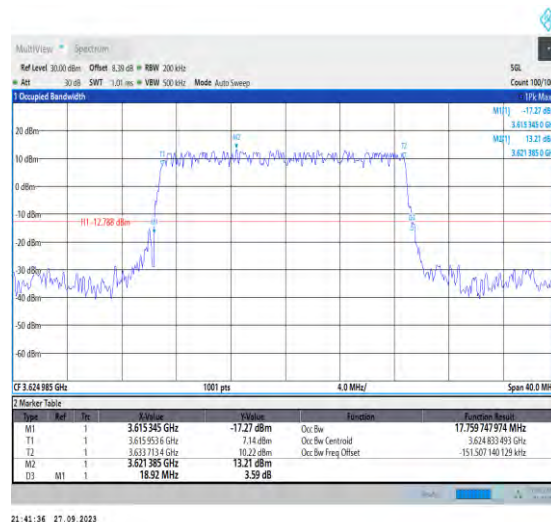
1-N48-PC3-30-15-M-8-CP-64QAM-Outer_Full-38@0
-Ant7-13.584-14.730-≤15-PASS



1-N48-PC3-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant7-13.596-14.790-≤15-PASS



1-N48-PC3-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant7-17.886-18.880-≤20-PASS



1-N48-PC3-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant7-17.76-18.920-≤20-PASS



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

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

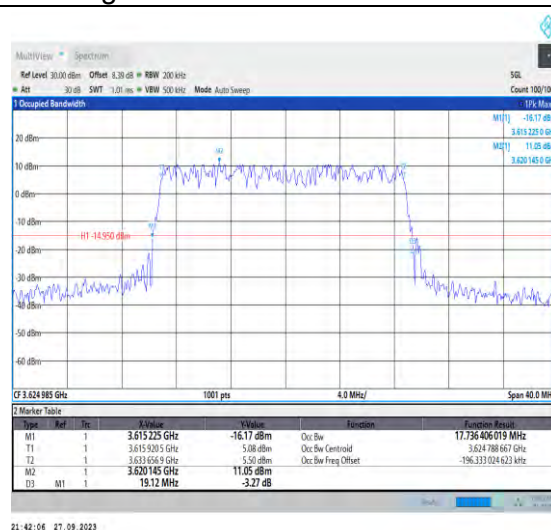
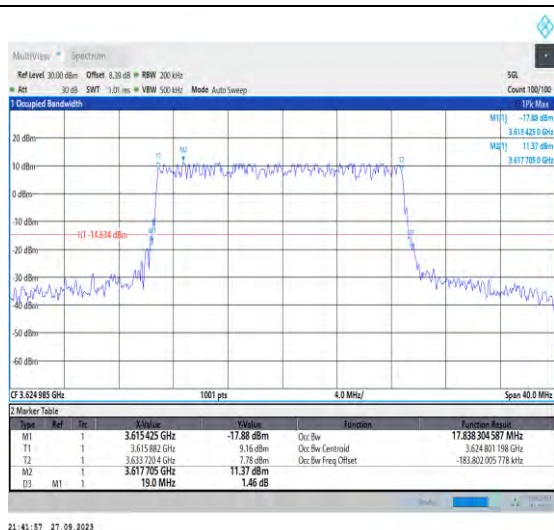
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

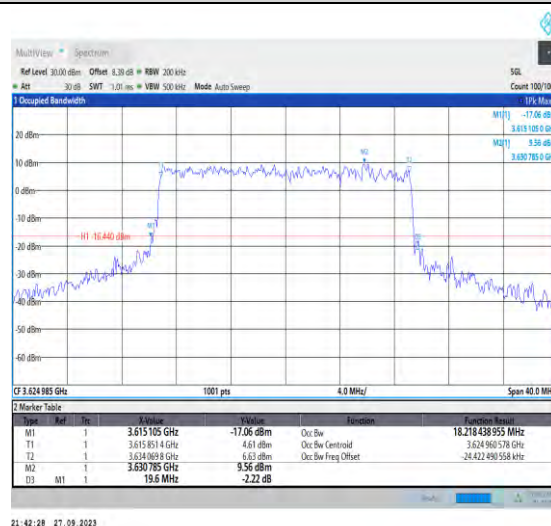
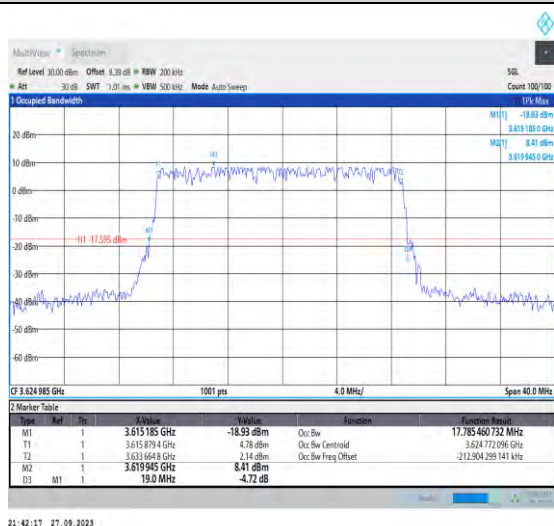
Rev.: 01

Page: 15 of 51



1-N48-PC3-30-20-M-3-DFT-16QAM-Outer_Full-50@
0-Ant7-17.838-19.000-≤20-PASS

1-N48-PC3-30-20-M-4-DFT-64QAM-Outer_Full-50@
0-Ant7-17.736-19.120-≤20-PASS



1-N48-PC3-30-20-M-5-DFT-256QAM-Outer_Full-50
@0-Ant7-17.785-19.000-≤20-PASS

1-N48-PC3-30-20-M-6-CP-QPSK-Outer_Full-51@0-
Ant7-18.218-19.600-≤20-PASS



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

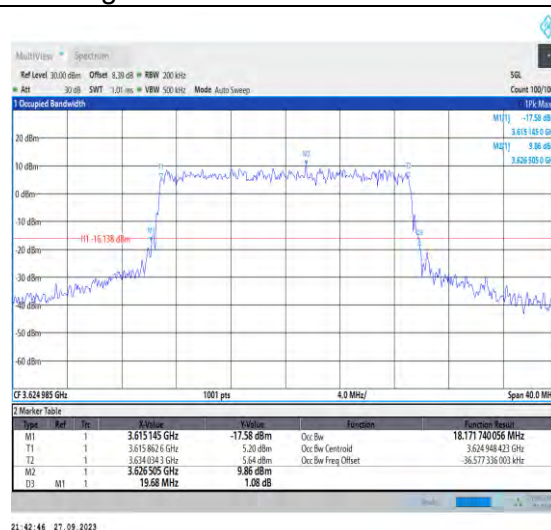
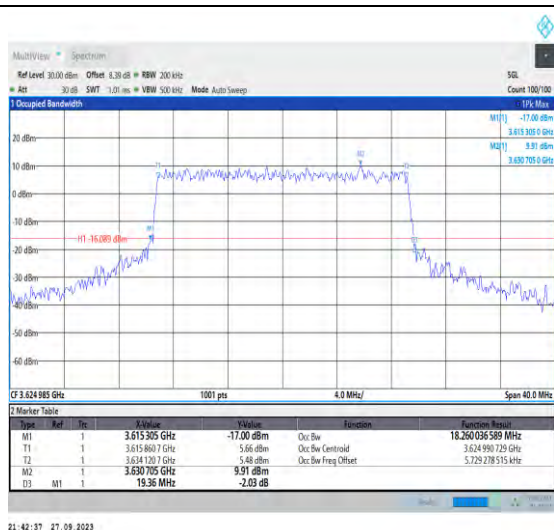
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

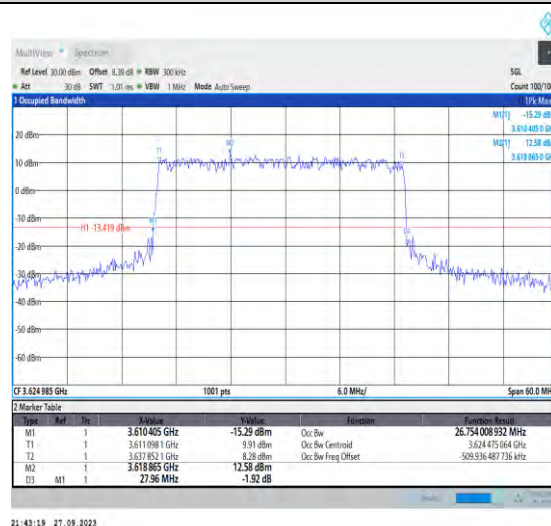
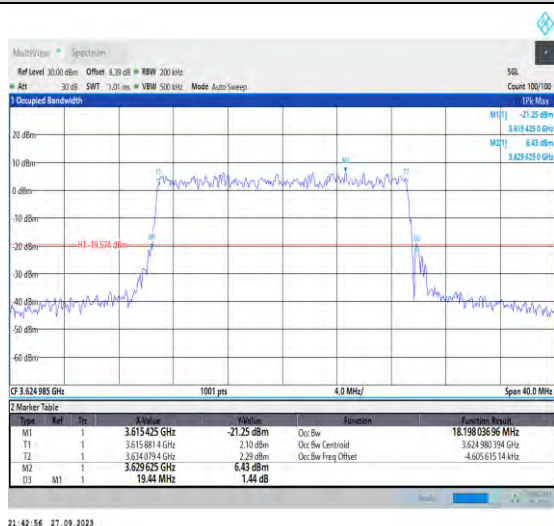
Rev.: 01

Page: 16 of 51



1-N48-PC3-30-20-M-7-CP-16QAM-Outer_Full-51@0
-Ant7-18.26-19.360-<20-PASS

1-N48-PC3-30-20-M-8-CP-64QAM-Outer_Full-51@0
-Ant7-18.172-19.680-<20-PASS



1-N48-PC3-30-20-M-9-CP-256QAM-Outer_Full-51@0
0-Ant7-18.198-19.440-<20-PASS

1-N48-PC3-30-30-M-1-DFT-QPSK-Outer_Full-75@0
-Ant7-26.754-27.960-<30-PASS



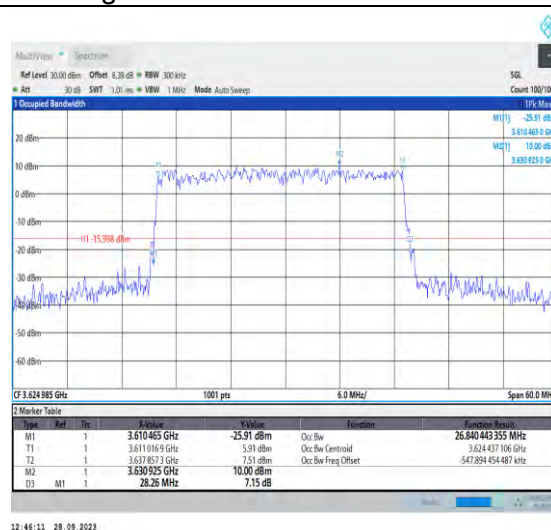
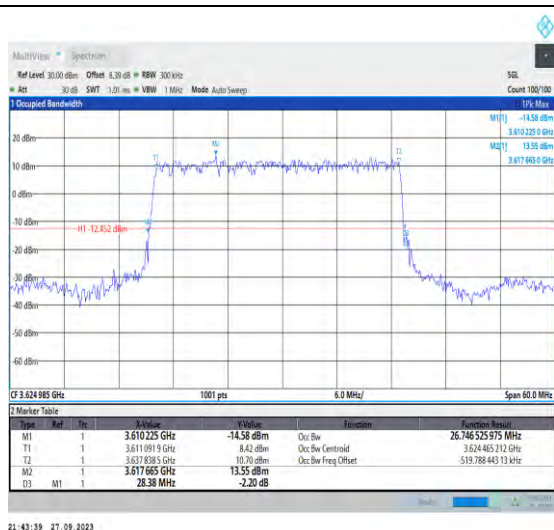
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 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.: SEWM2309000386RG02

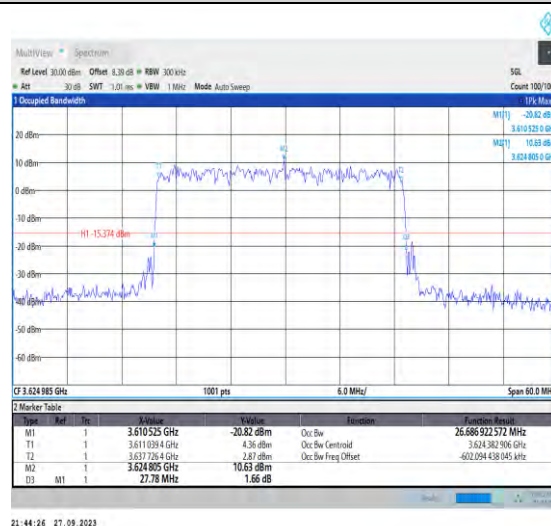
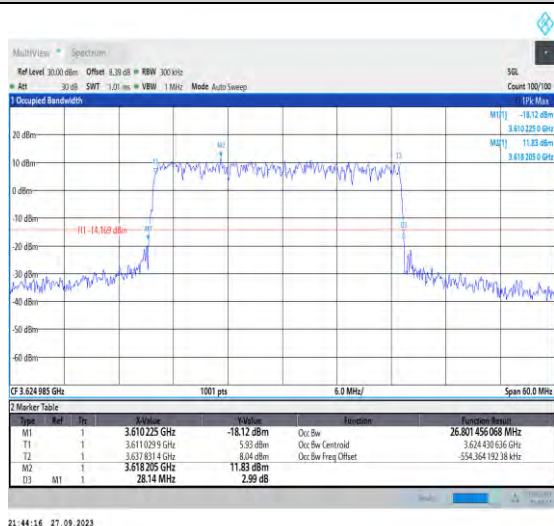
Rev.: 01

Page: 17 of 51



1-N48-PC3-30-30-M-2-DFT-PI2BPSK-Outer_Full-75
@0-Ant7-26.747-28.380-≤30-PASS

1-N48-PC3-30-30-M-3-DFT-16QAM-Outer_Full-75@
0-Ant7-26.84-28.260-≤30-PASS



1-N48-PC3-30-30-M-4-DFT-64QAM-Outer_Full-75@
0-Ant7-26.801-28.140-≤30-PASS

1-N48-PC3-30-30-M-5-DFT-256QAM-Outer_Full-75
@0-Ant7-26.687-27.780-≤30-PASS



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

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

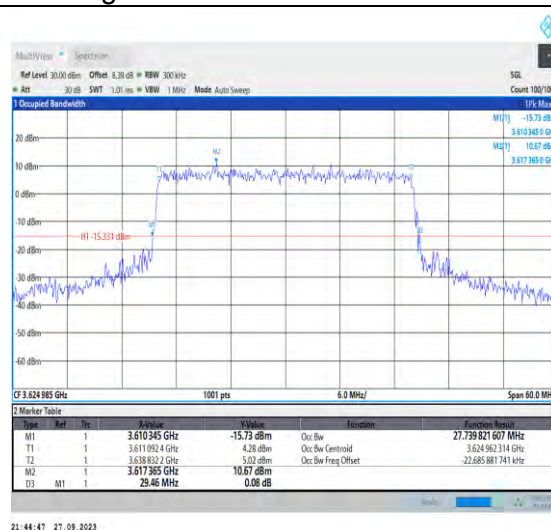
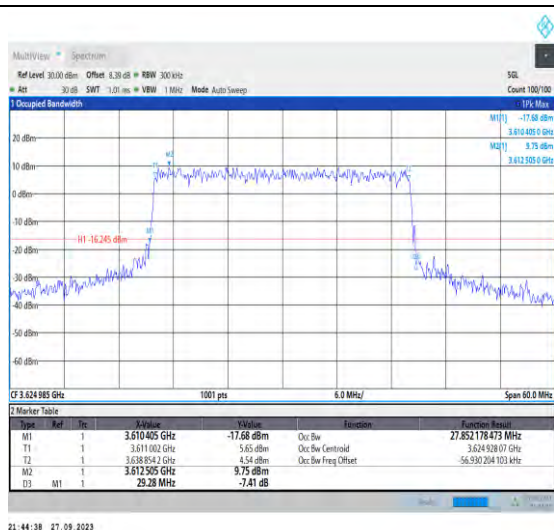
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn

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

Report No.: SEWM2309000386RG02

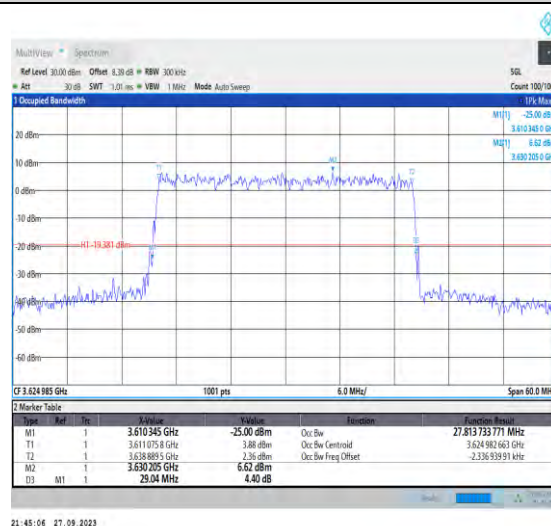
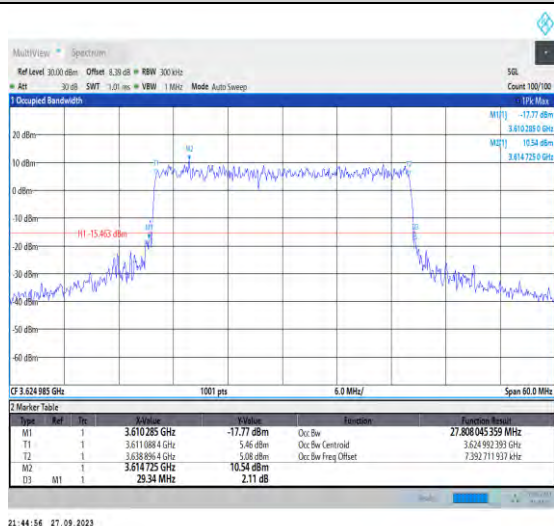
Rev.: 01

Page: 18 of 51



1-N48-PC3-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant7-27.852-29.280-≤30-PASS

1-N48-PC3-30-30-M-7-CP-16QAM-Outer_Full-78@0-Ant7-27.74-29.460-≤30-PASS



1-N48-PC3-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant7-27.808-29.340-≤30-PASS

1-N48-PC3-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant7-27.814-29.040-≤30-PASS



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

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

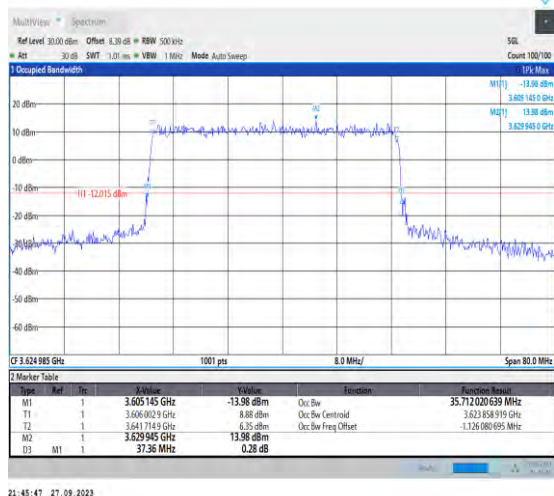
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

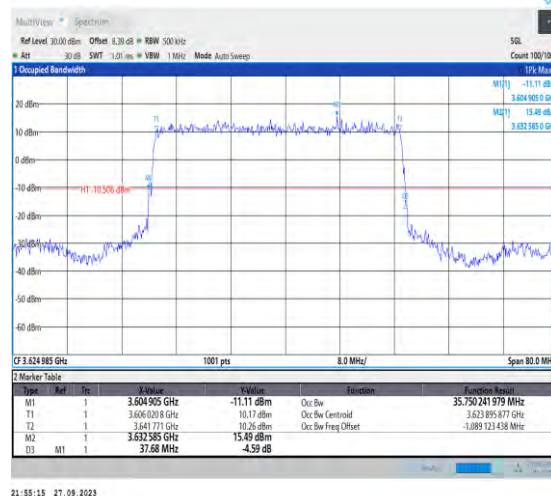
Report No.: SEWM2309000386RG02

Rev.: 01

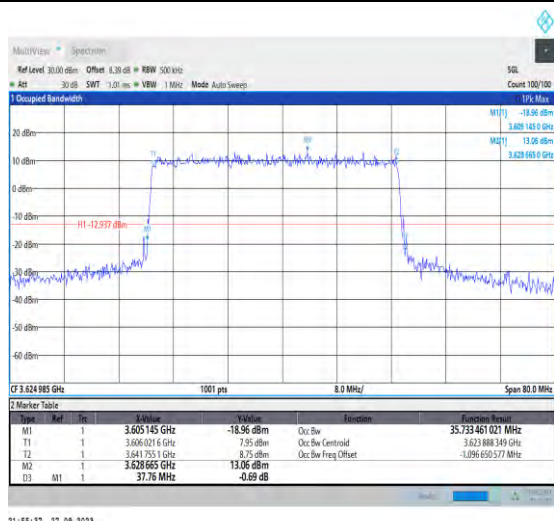
Page: 19 of 51



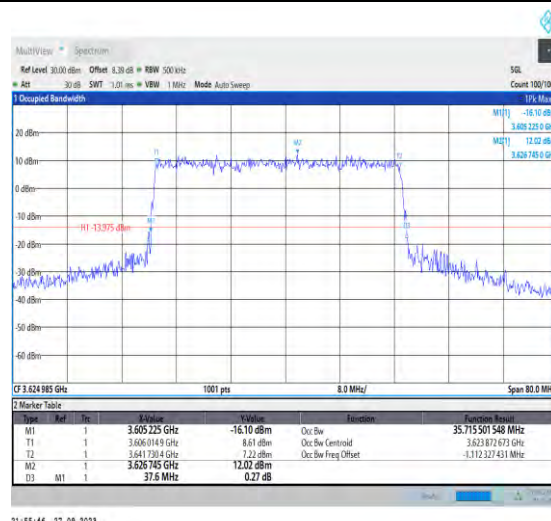
1-N48-PC3-30-40-M-1-DFT-QPSK-Outer_Full-100@
0-Ant7-35.712-37.360-≤40-PASS



1-N48-PC3-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant7-35.75-37.680-≤40-PASS



1-N48-PC3-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant7-35.733-37.760-≤40-PASS



1-N48-PC3-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant7-35.716-37.600-≤40-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

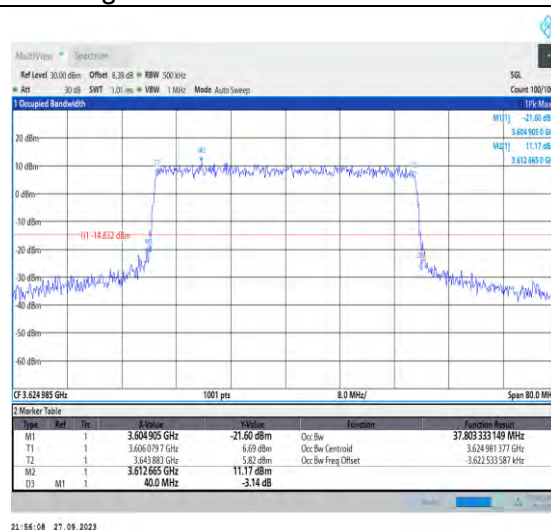
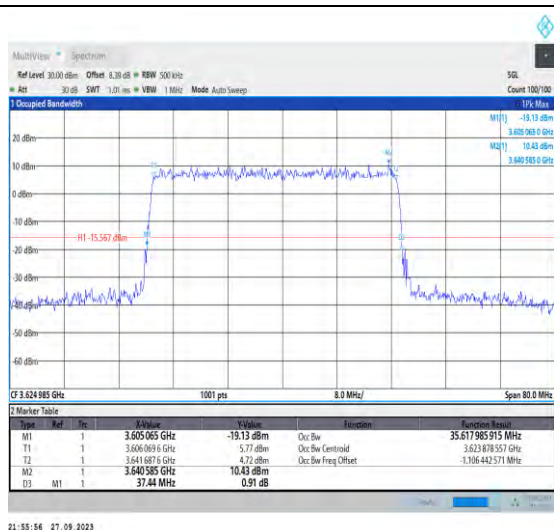
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

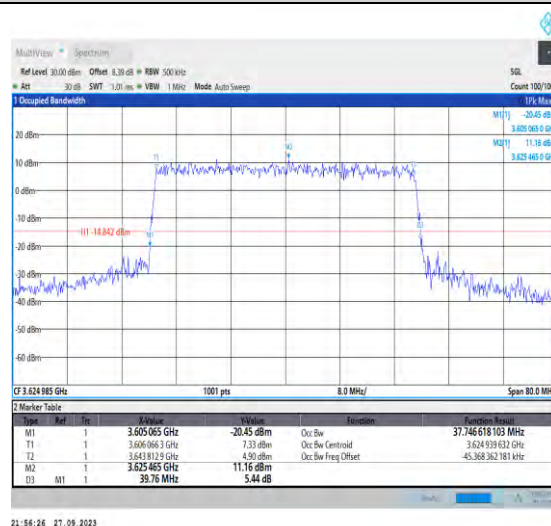
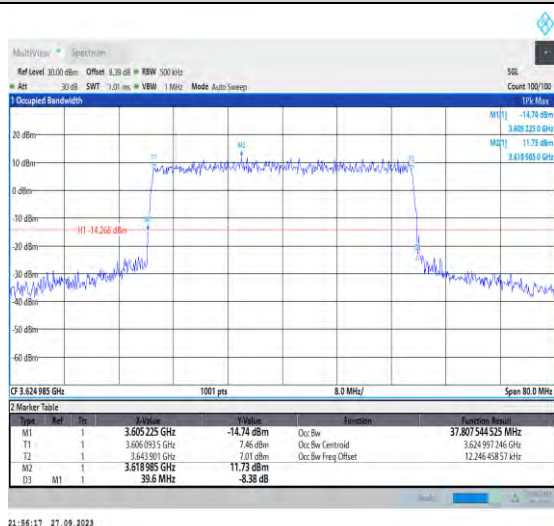
Rev.: 01

Page: 20 of 51



1-N48-PC3-30-40-M-5-DFT-256QAM-Outer_Full-100@0-Ant7-35.618-37.440-≤40-PASS

1-N48-PC3-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant7-37.803-40.000-≤40-PASS



1-N48-PC3-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant7-37.808-39.600-≤40-PASS

1-N48-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant7-37.747-39.760-≤40-PASS



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

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

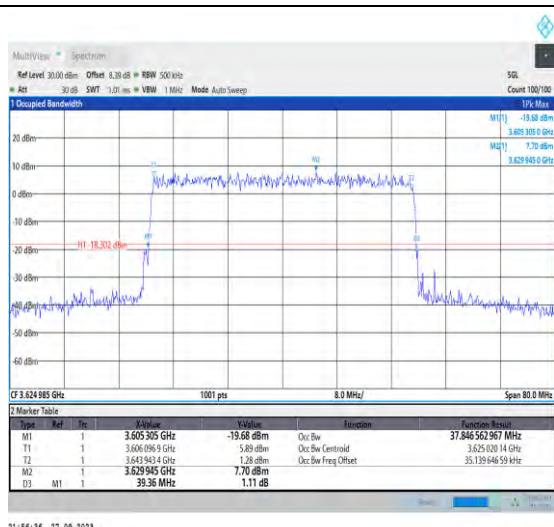
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 21 of 51



1-N48-PC3-30-40-M-9-CP-256QAM-Outer_Full-106
@0-Ant7-37.847-39.360≤40-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
t (86-512) 62992980 sgs.china@sgs.com

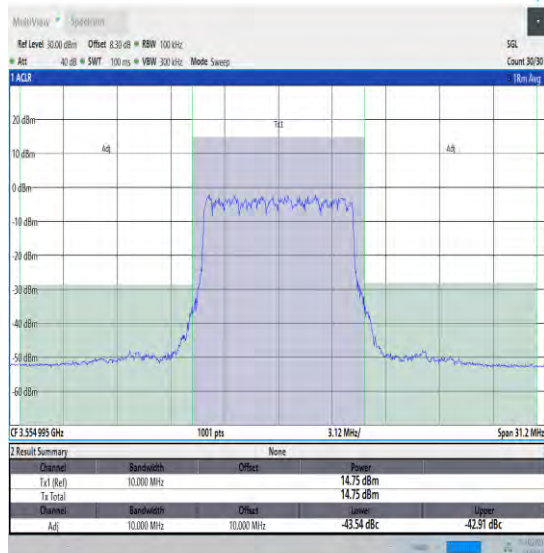
Report No.: SEWM2309000386RG02

Rev.: 01

Page: 22 of 51

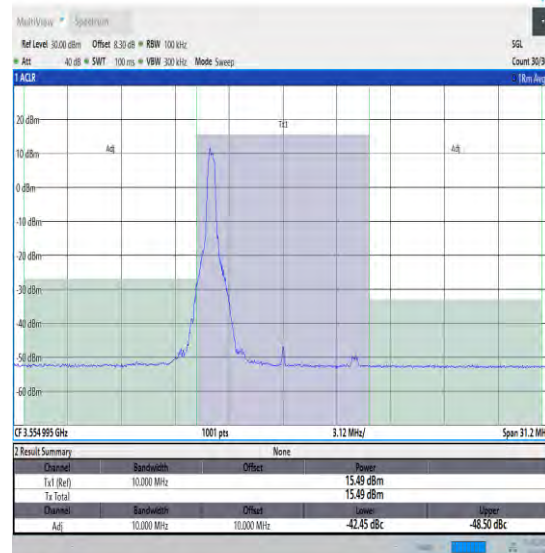
ACLR for SA

Test Graphs



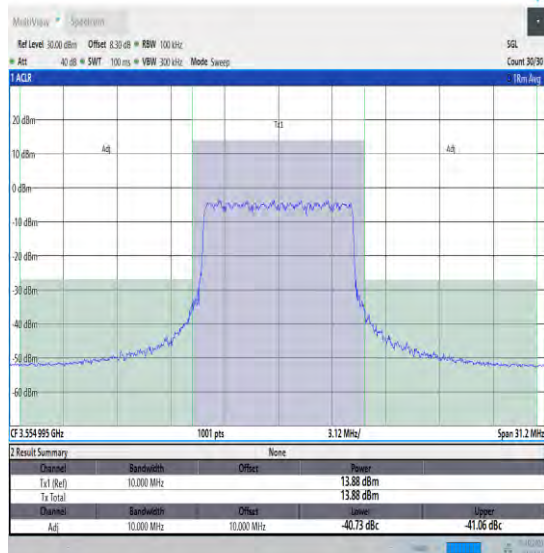
23:36:45 10.10.2023

NTNV_N48_PC3_30_10_L_TID1_#1_-10_10



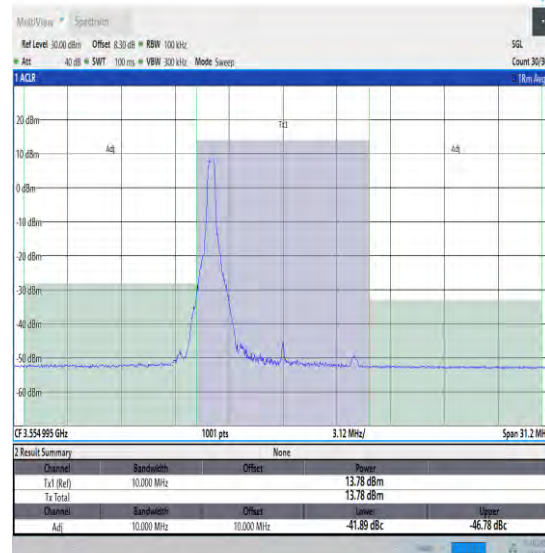
23:37:05 10.10.2023

NTNV_N48_PC3_30_10_L_TID2_#1_-10_10



23:37:16 10.10.2023

NTNV_N48_PC3_30_10_L_TID16_#1_-10_10



23:37:24 10.10.2023

NTNV_N48_PC3_30_10_L_TID17_#1_-10_10



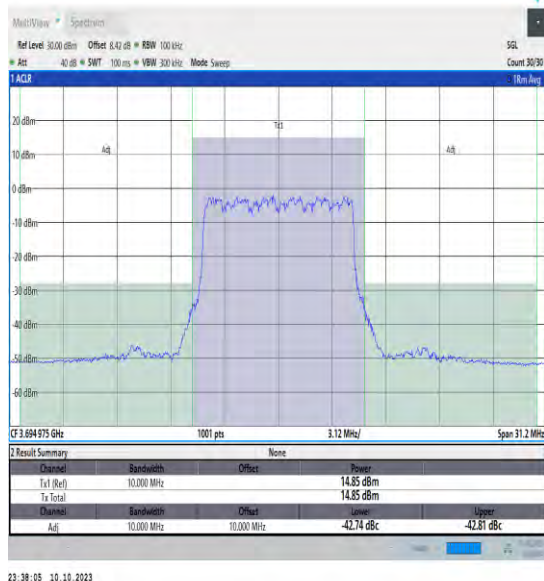
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

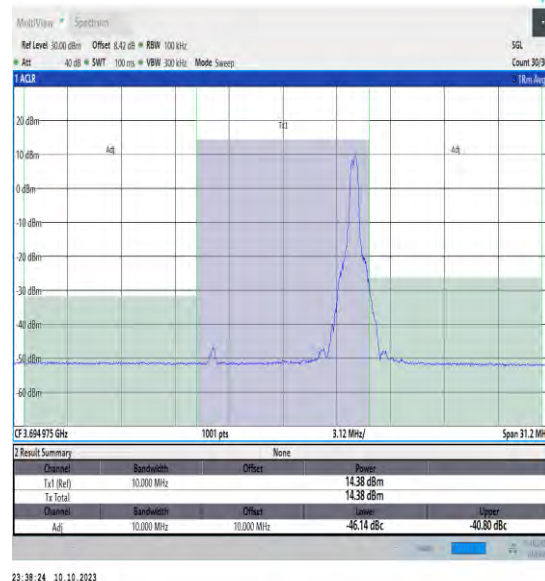
Report No.: SEWM2309000386RG02

Rev.: 01

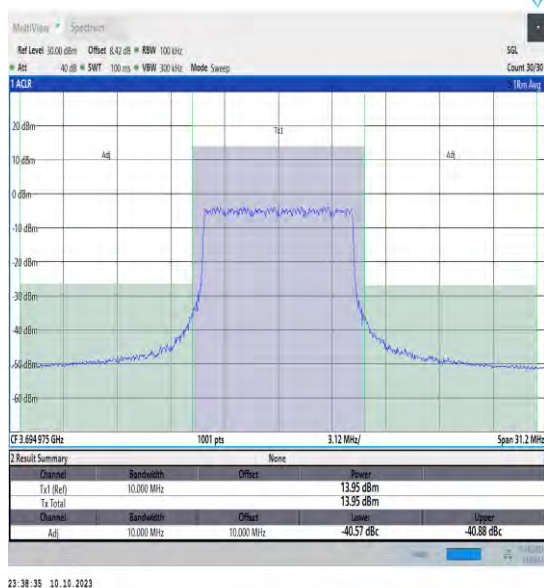
Page: 23 of 51



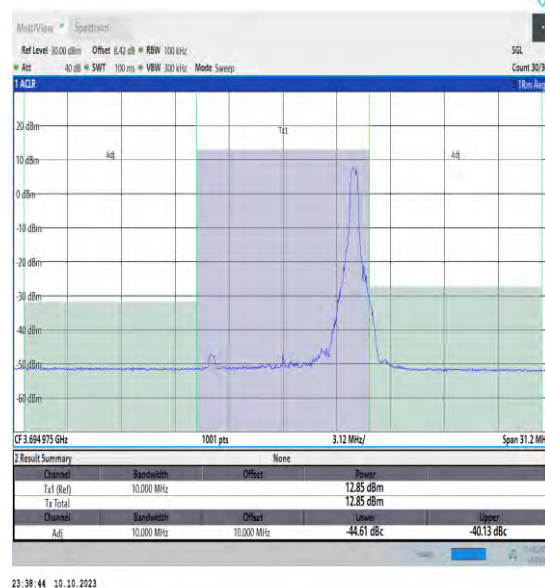
NTVN_N48_PC3_30_10_H_TID1_#1_-10_10



NTVN_N48_PC3_30_10_H_TID3_#1_-10_10



NTVN_N48_PC3_30_10_H_TID16_#1_-10_10



NTVN_N48_PC3_30_10_H_TID18_#1_-10_10



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

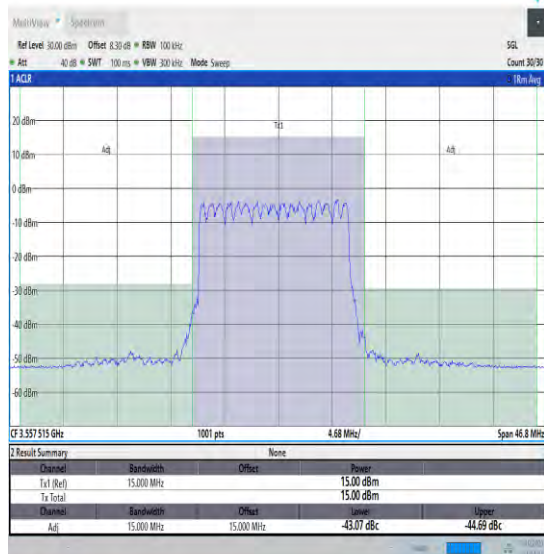
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

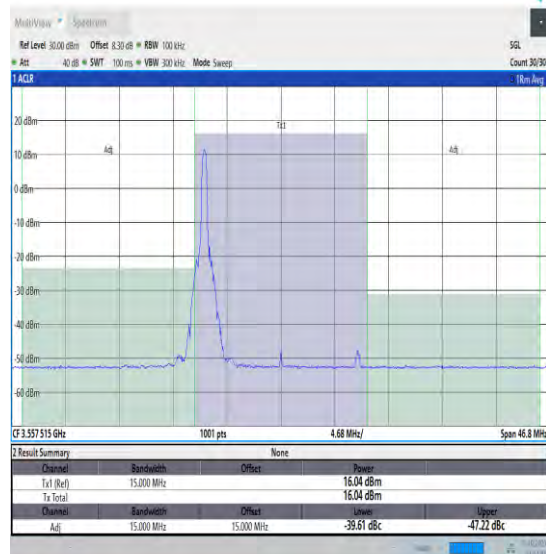
Report No.: SEWM2309000386RG02

Rev.: 01

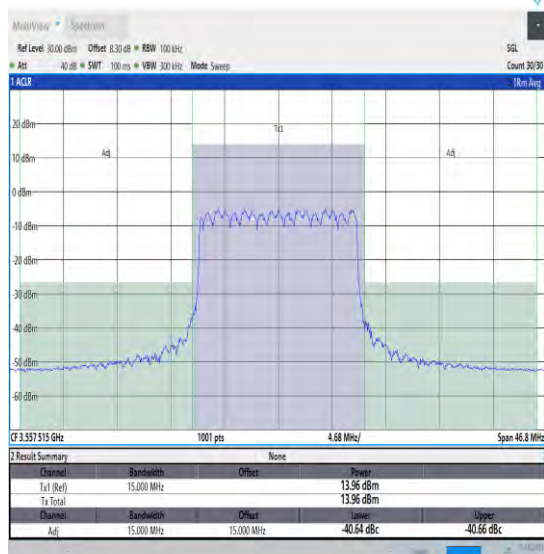
Page: 24 of 51



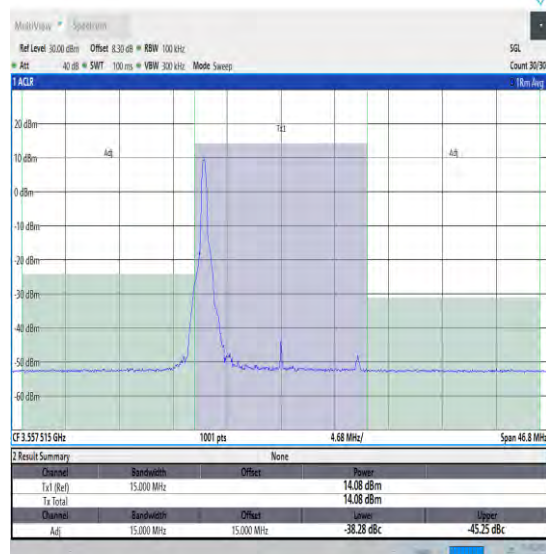
NTVN_N48_PC3_30_15_L_TID1_#1_-15_15



NTVN_N48_PC3_30_15_L_TID2_#1_-15_15



NTVN_N48_PC3_30_15_L_TID16_#1_-15_15



NTVN_N48_PC3_30_15_L_TID17_#1_-15_15



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

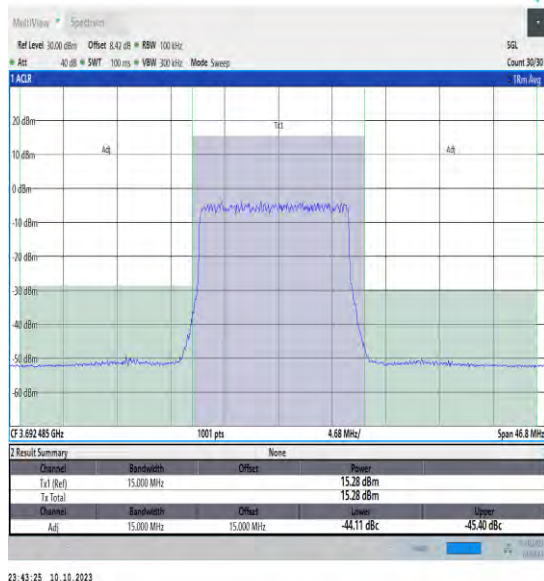
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

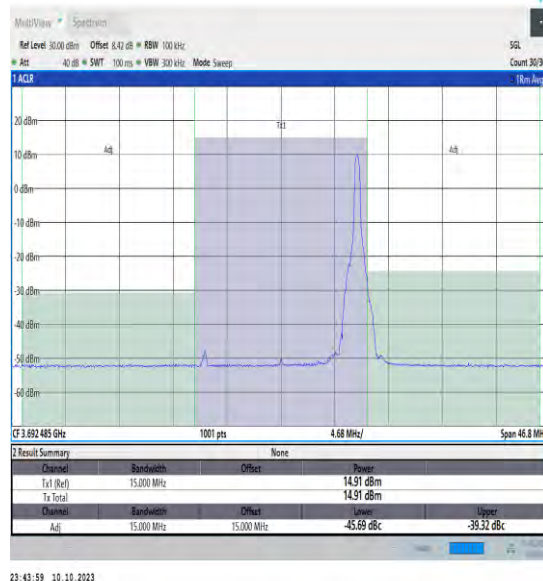
Report No.: SEWM2309000386RG02

Rev.: 01

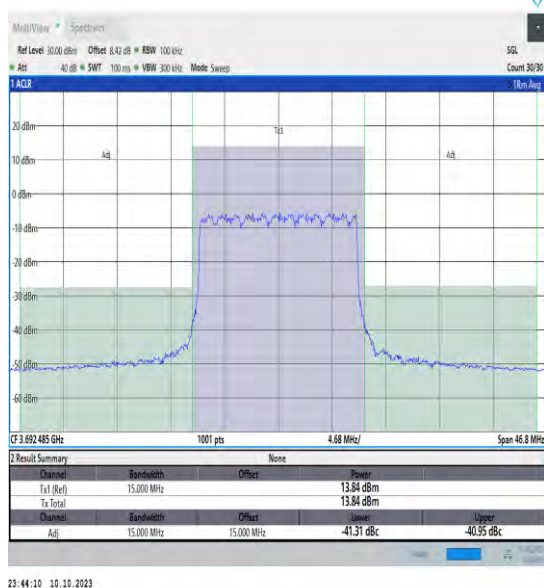
Page: 25 of 51



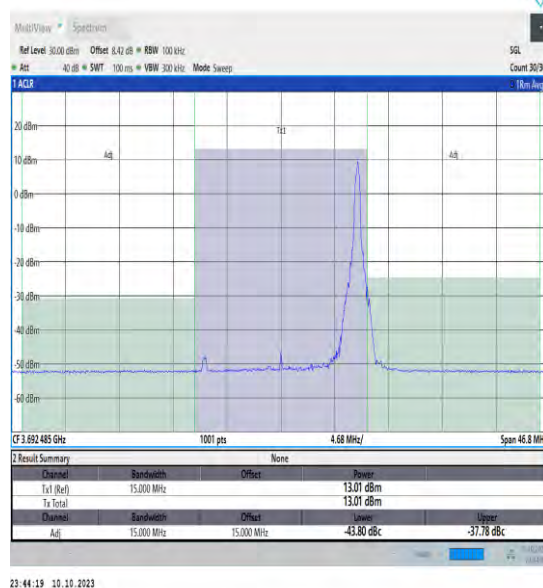
NTVN_N48_PC3_30_15_H_TID1_#1_-15_15



NTVN_N48_PC3_30_15_H_TID3_#1_-15_15



NTVN_N48_PC3_30_15_H_TID16_#1_-15_15



NTVN_N48_PC3_30_15_H_TID18_#1_-15_15



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

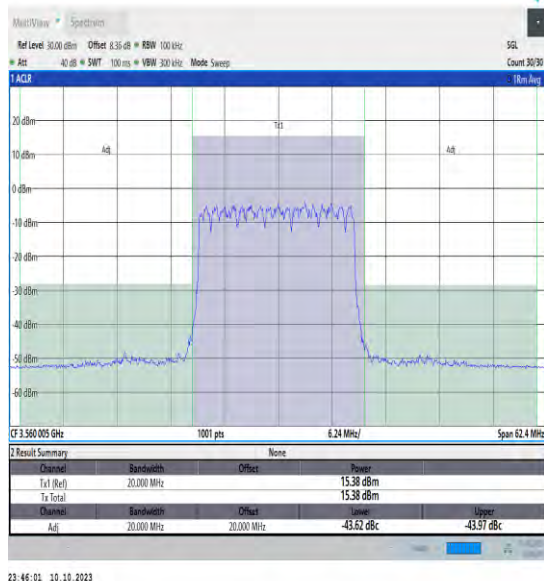
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

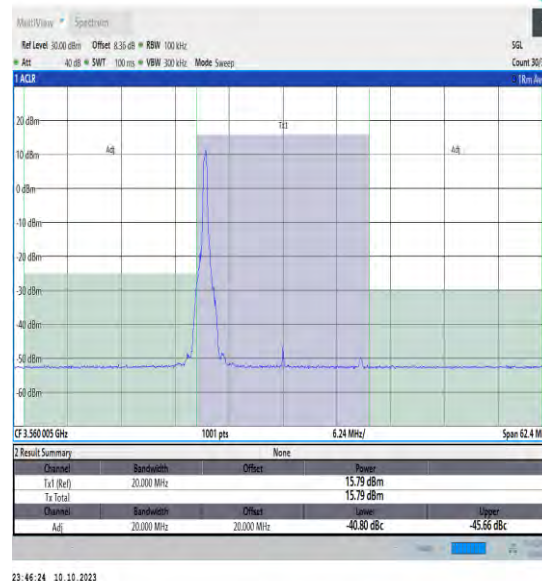
Report No.: SEWM2309000386RG02

Rev.: 01

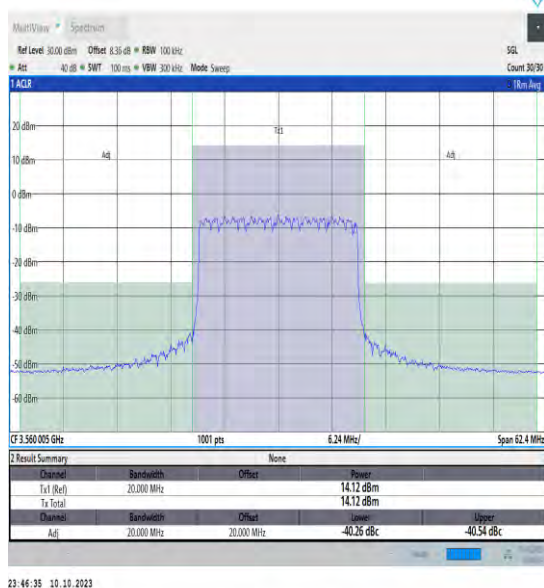
Page: 26 of 51



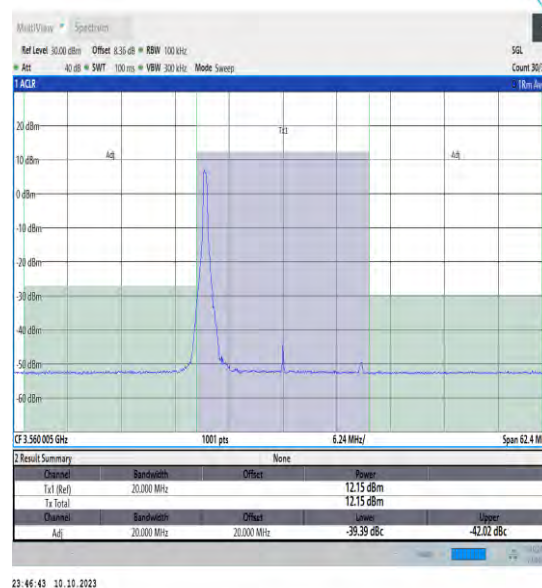
NTVN_N48_PC3_30_20_L_TID1_#1_-20_20



NTVN_N48_PC3_30_20_L_TID2_#1_-20_20



NTVN_N48_PC3_30_20_L_TID16_#1_-20_20



NTVN_N48_PC3_30_20_L_TID17_#1_-20_20



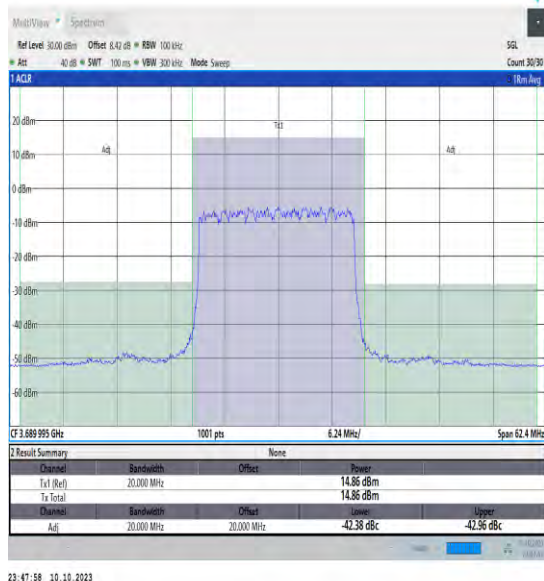
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

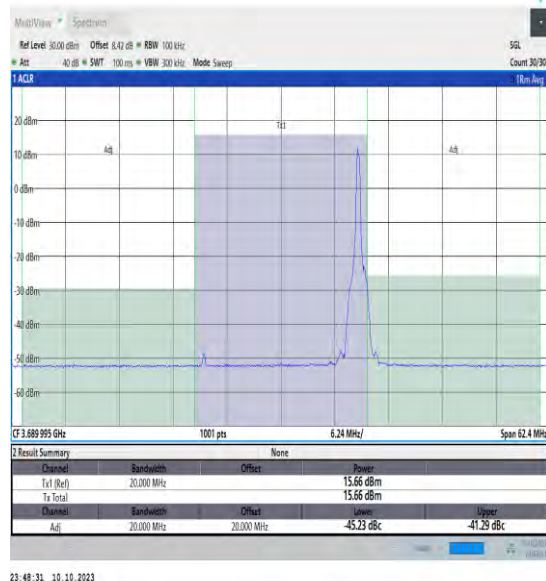
Report No.: SEWM2309000386RG02

Rev.: 01

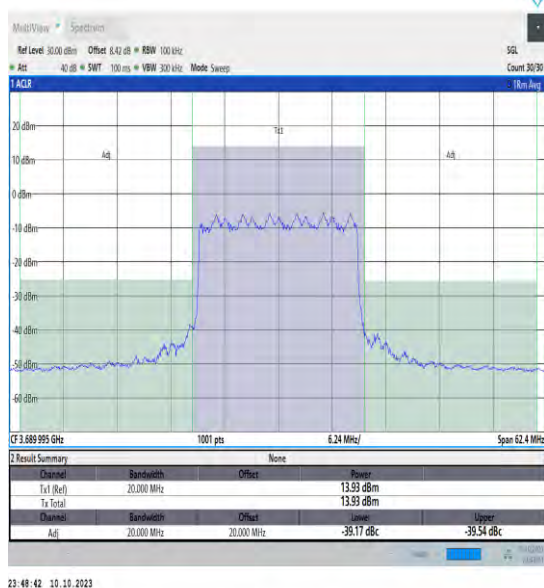
Page: 27 of 51



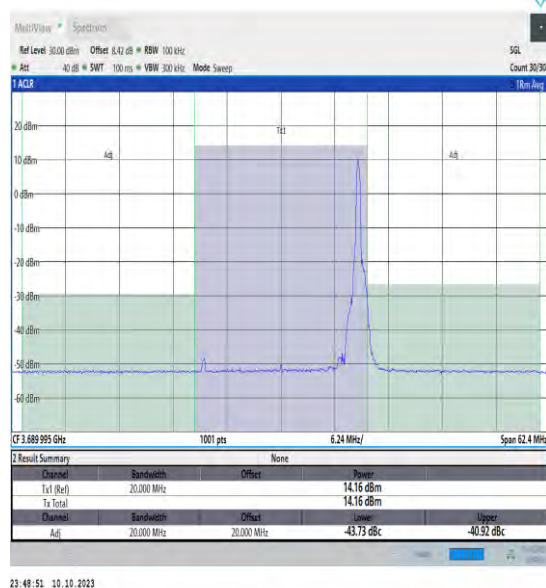
NTVN_N48_PC3_30_20_H_TID1_#1_-20_20



NTVN_N48_PC3_30_20_H_TID3_#1_-20_20



NTVN_N48_PC3_30_20_H_TID16_#1_-20_20



NTVN_N48_PC3_30_20_H_TID18_#1_-20_20



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

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

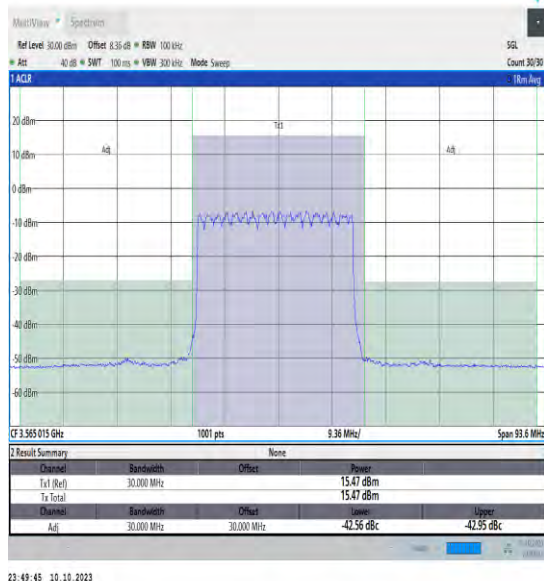
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

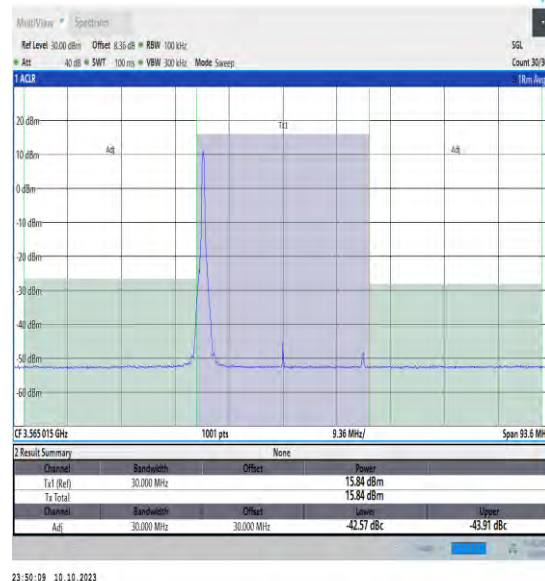
Report No.: SEWM2309000386RG02

Rev.: 01

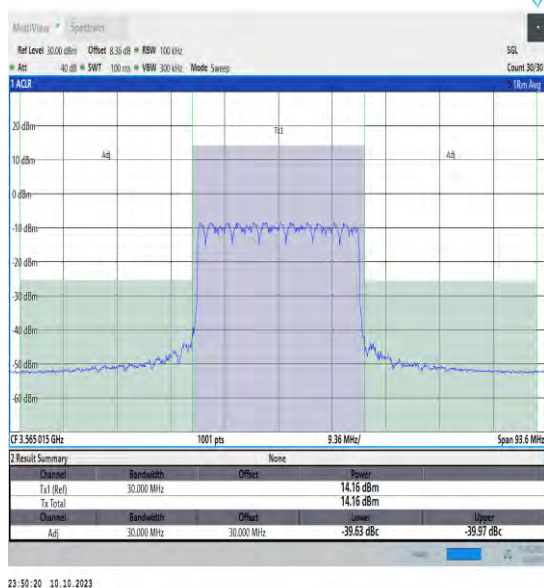
Page: 28 of 51



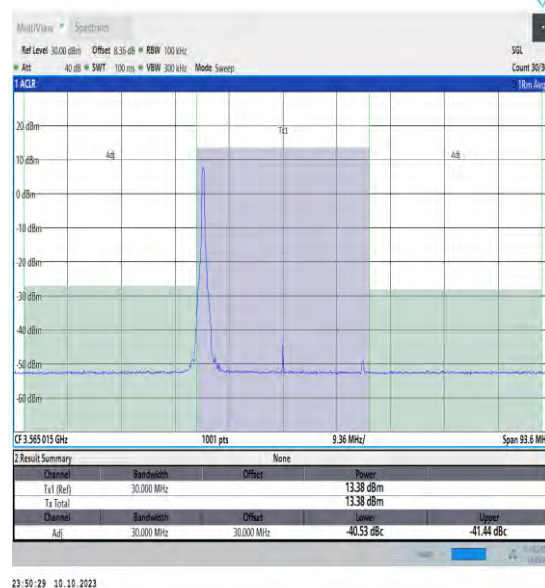
NTVN_N48_PC3_30_30_L_TID1_#1_-30_30



NTVN_N48_PC3_30_30_L_TID2_#1_-30_30



NTVN_N48_PC3_30_30_L_TID16_#1_-30_30



NTVN_N48_PC3_30_30_L_TID17_#1_-30_30



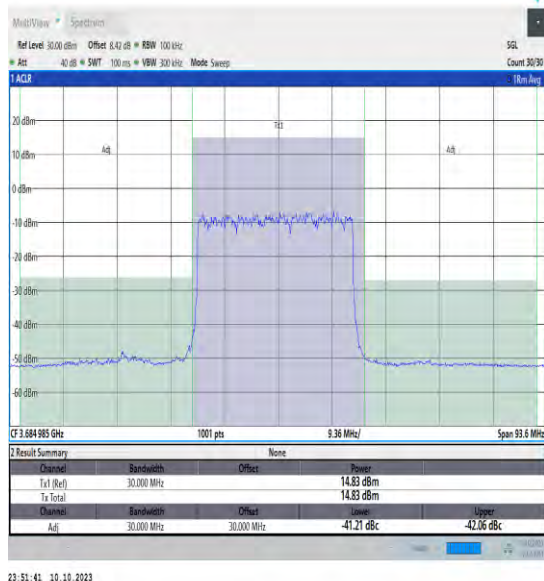
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

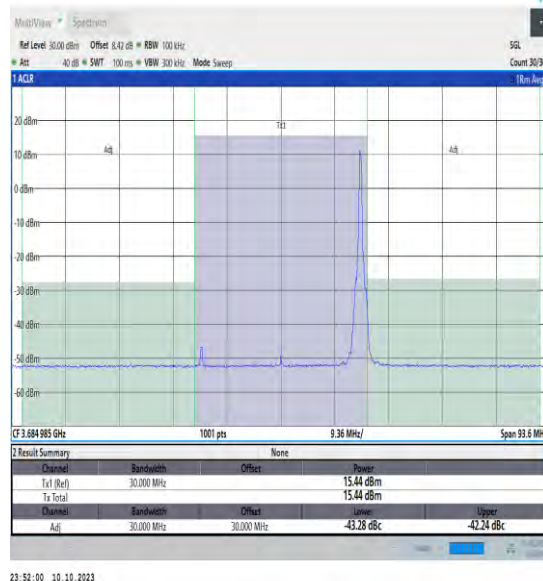
Report No.: SEWM2309000386RG02

Rev.: 01

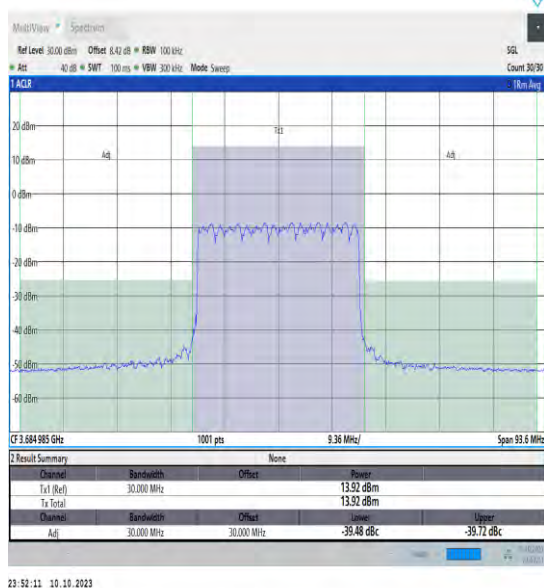
Page: 29 of 51



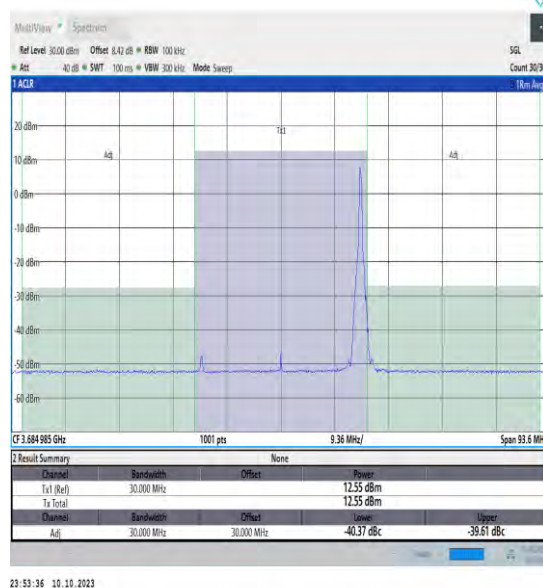
NTVN_N48_PC3_30_30_H_TID1_#1_-30_30



NTVN_N48_PC3_30_30_H_TID3_#1_-30_30



NTVN_N48_PC3_30_30_H_TID16_#1_-30_30



NTVN_N48_PC3_30_30_H_TID18_#1_-30_30



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

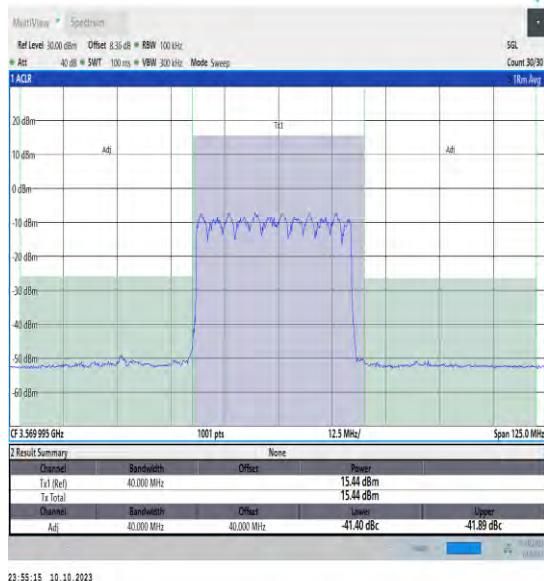
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

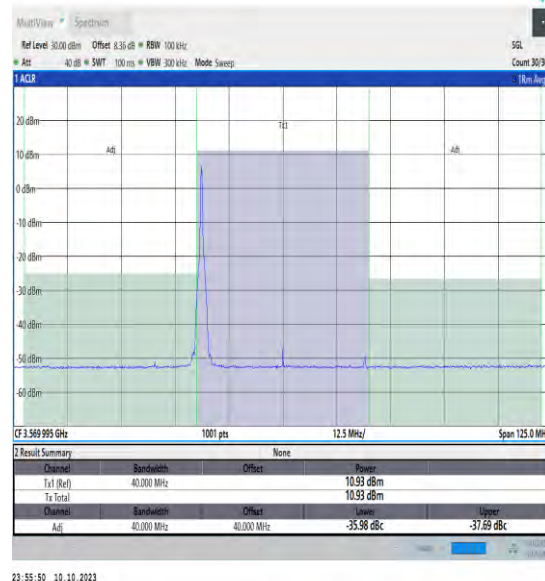
Report No.: SEWM2309000386RG02

Rev.: 01

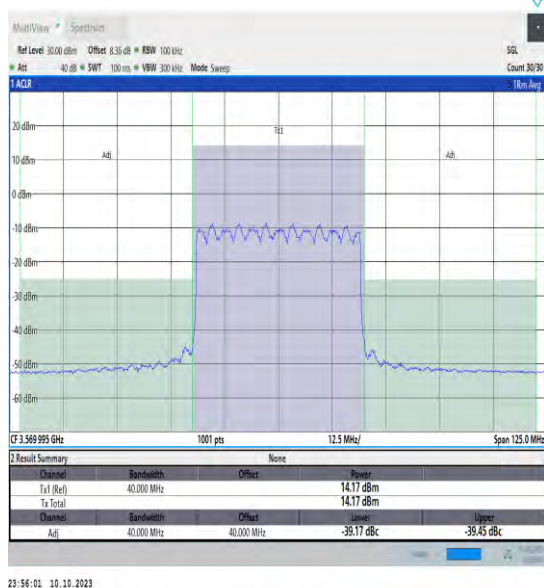
Page: 30 of 51



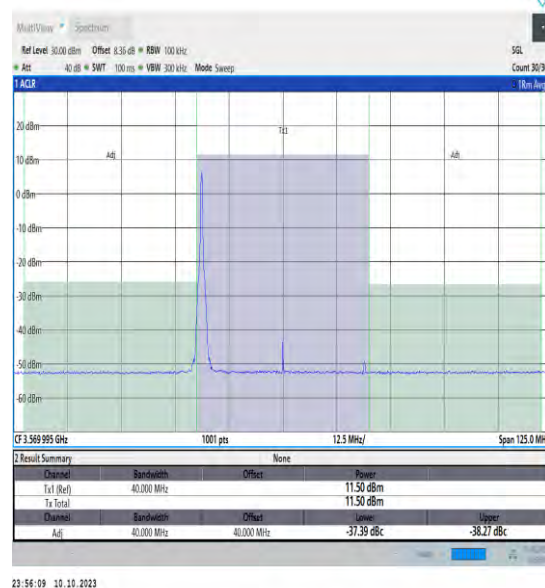
NTVN_N48_PC3_30_40_L_TID1_#1_-40_40



NTVN_N48_PC3_30_40_L_TID2_#1_-40_40



NTVN_N48_PC3_30_40_L_TID16_#1_-40_40



NTVN_N48_PC3_30_40_L_TID17_#1_-40_40



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

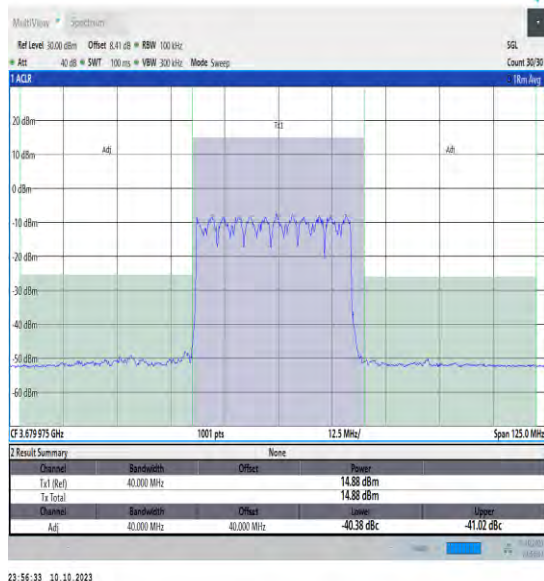
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

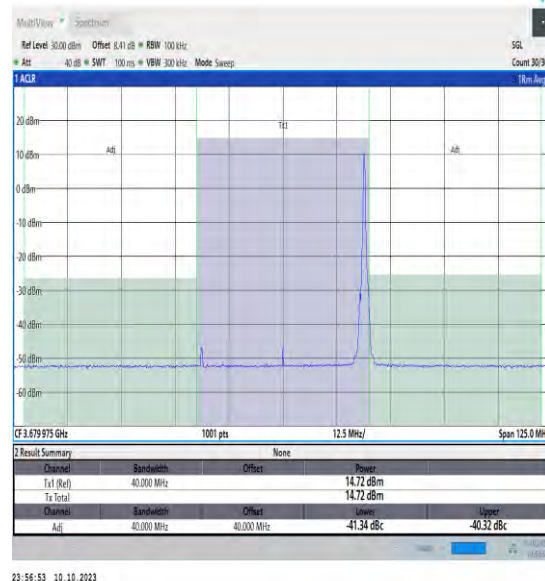
Report No.: SEWM2309000386RG02

Rev.: 01

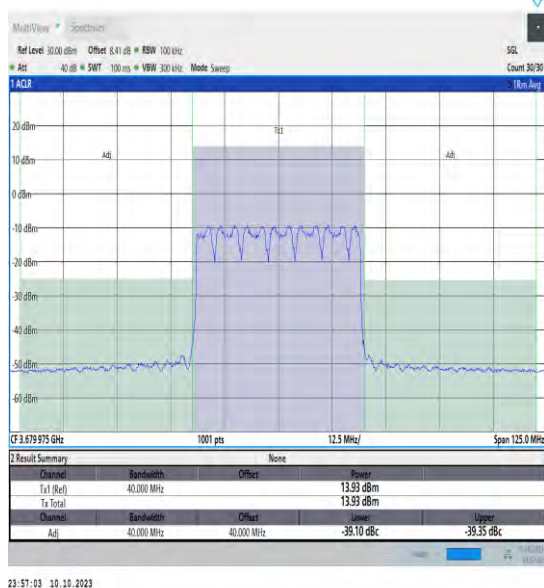
Page: 31 of 51



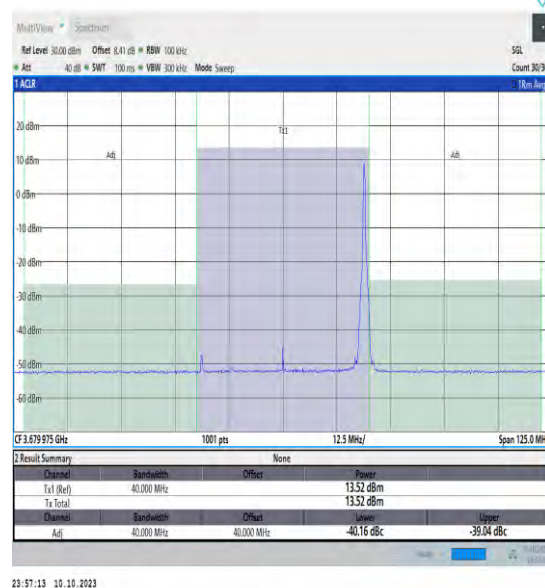
NTNV_N48_PC3_30_40_H_TID1_#1_-40_40



NTNV_N48_PC3_30_40_H_TID3_#1_-40_40



NTNV_N48_PC3_30_40_H_TID16_#1_-40_40



NTNV_N48_PC3_30_40_H_TID18_#1_-40_40



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

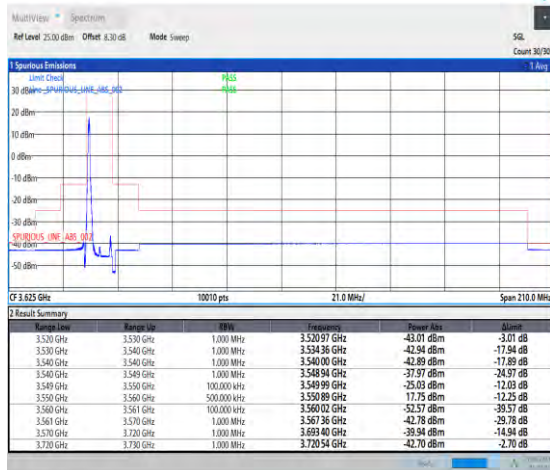
Report No.: SEWM2309000386RG02

Rev.: 01

Page: 32 of 51

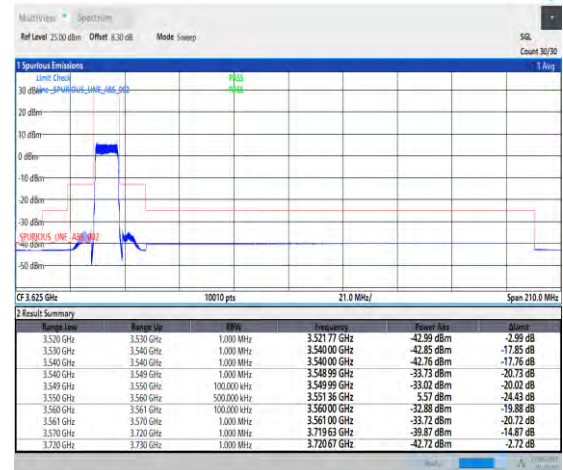
Band Edge for SA

Test Graphs



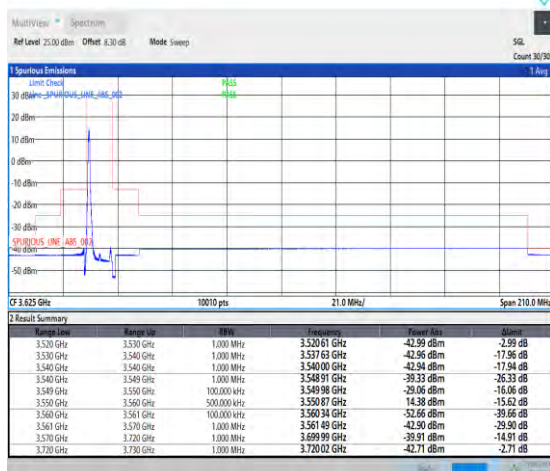
22:01:04 27.09.2023

1-N48-PC3-30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



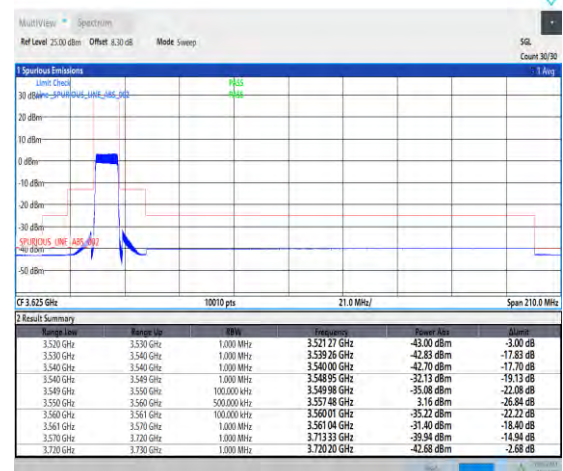
22:10:30 27.09.2023

1-N48-PC3-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



22:13:58 27.09.2023

1-N48-PC3-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



22:17:18 27.09.2023

1-N48-PC3-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



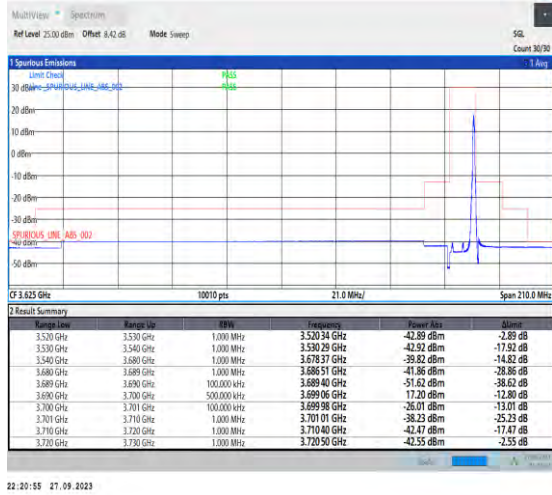
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

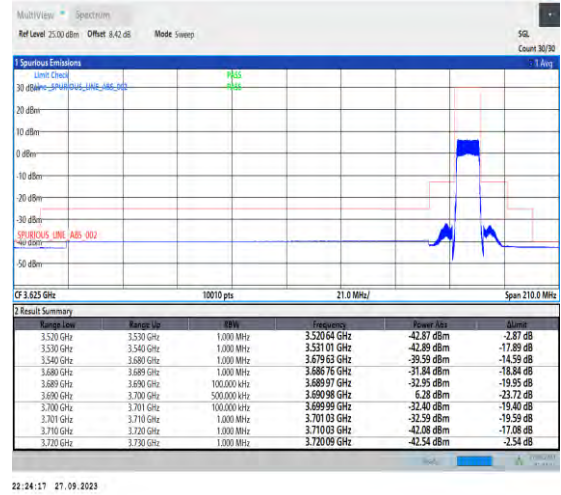
Rev.: 01

Page: 33 of 51



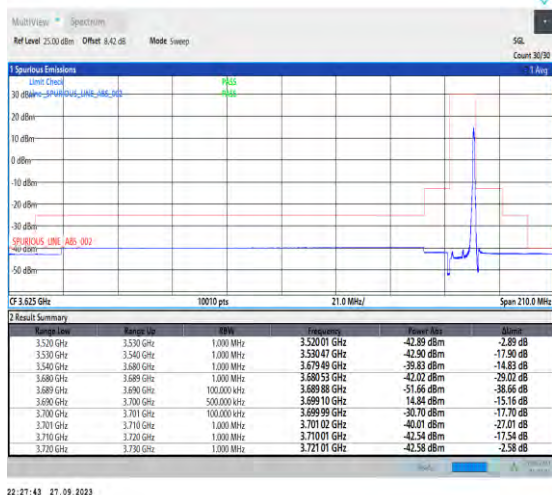
22:20:55 27.09.2023

1-N48-PC3-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@23-Ant7-1--PASS-see graph



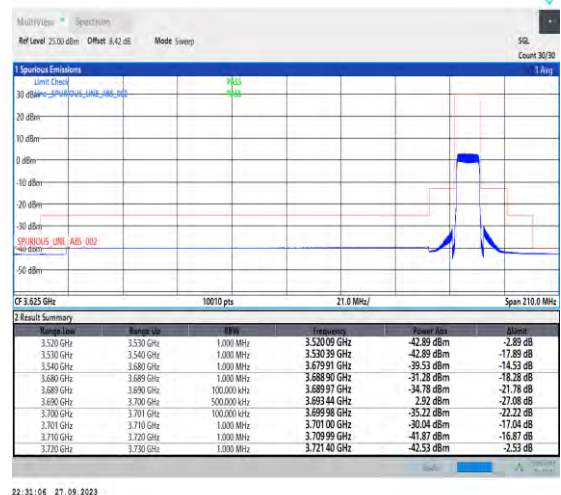
22:24:17 27.09.2023

1-N48-PC3-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



22:21:43 27.09.2023

1-N48-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant7-1--PASS-see graph



22:31:06 27.09.2023

1-N48-PC3-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



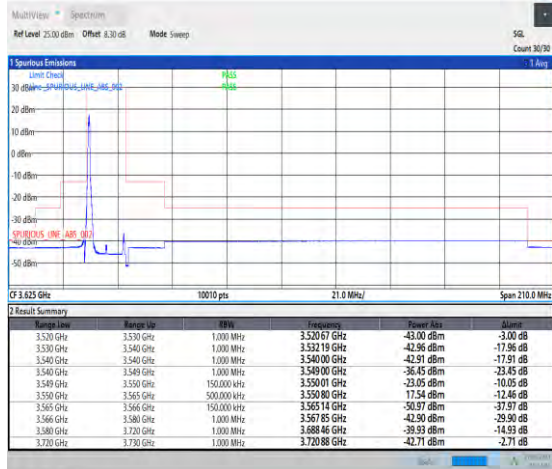
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 or 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.: SEWM2309000386RG02

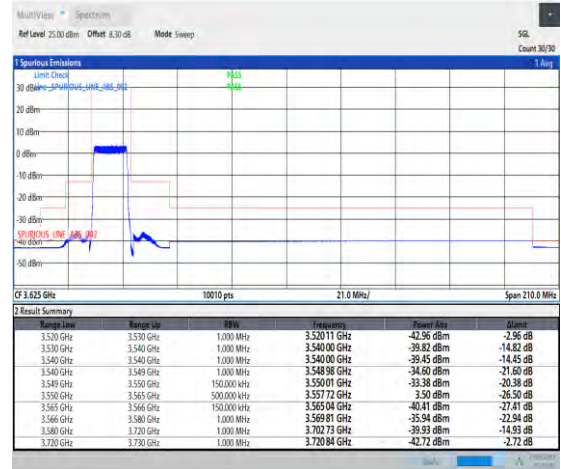
Rev.: 01

Page: 34 of 51



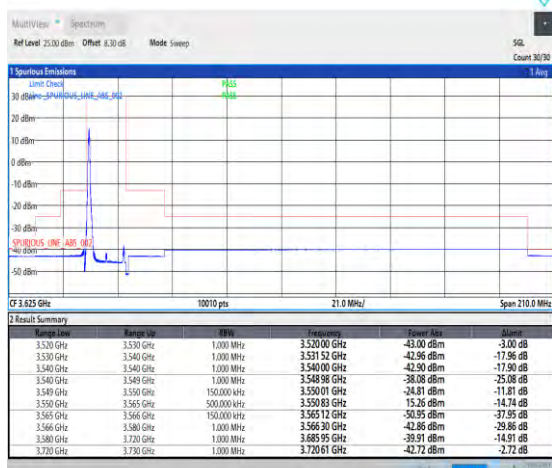
22:34:42 27.09.2023

1-N48-PC3-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



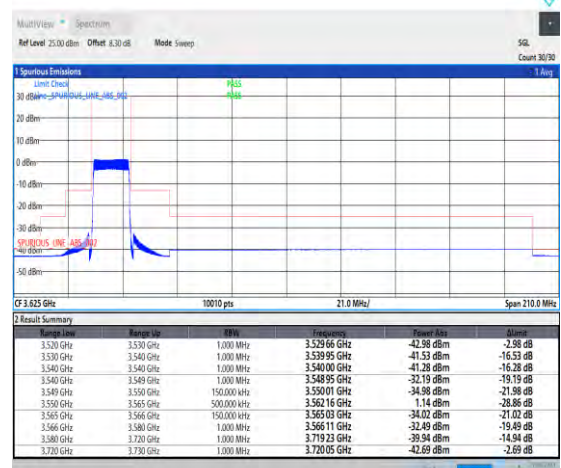
22:39:06 27.09.2023

1-N48-PC3-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant7-1--PASS-see graph



22:41:35 27.09.2023

1-N48-PC3-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



22:44:54 27.09.2023

1-N48-PC3-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant7-1--PASS-see graph



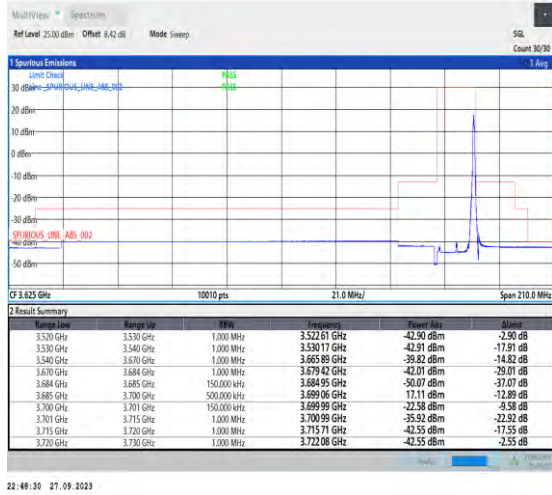
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

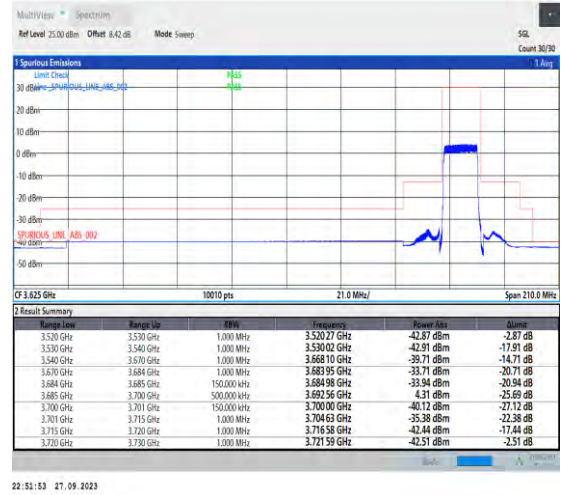
Rev.: 01

Page: 35 of 51



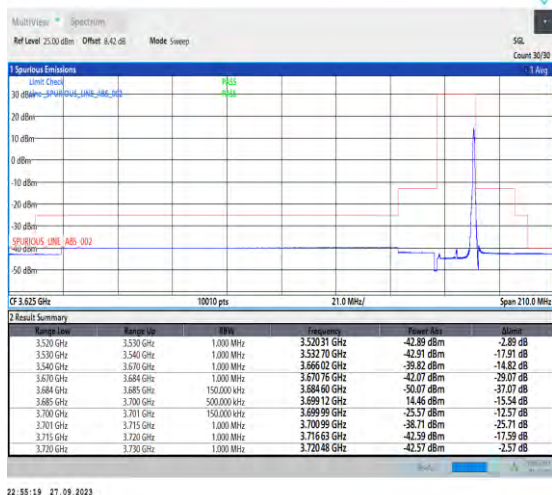
22:48:30 27.09.2023

1-N48-PC3-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@37-Ant7-1--PASS-see graph



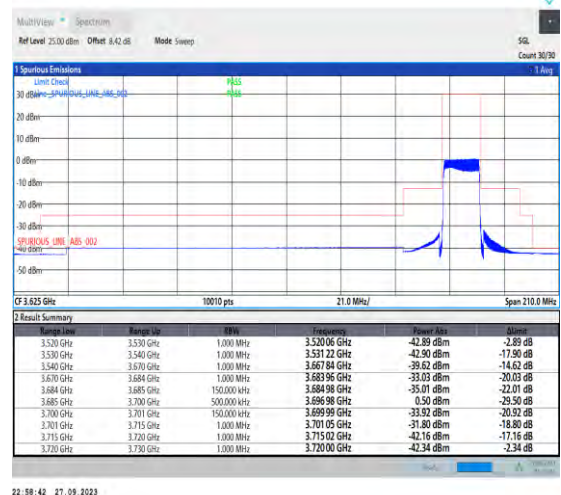
22:51:53 27.09.2023

1-N48-PC3-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant7-1--PASS-see graph



22:55:19 27.09.2023

1-N48-PC3-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant7-1--PASS-see graph



22:59:42 27.09.2023

1-N48-PC3-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant7-1--PASS-see graph



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.

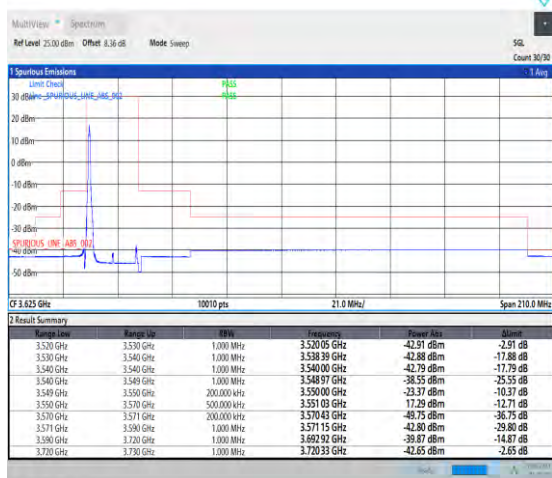
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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.: SEWM2309000386RG02

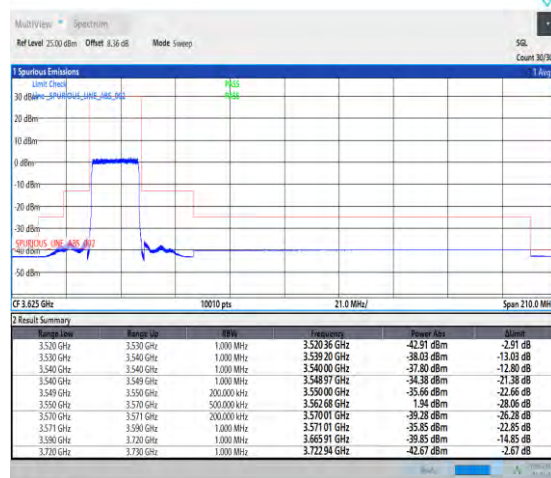
Rev.: 01

Page: 36 of 51



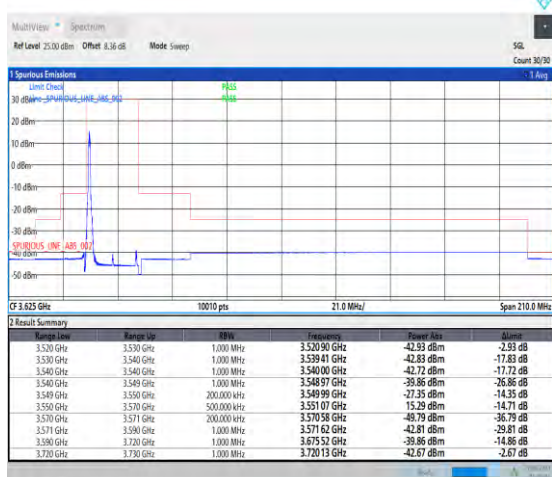
23-02-19 27-09-2023

1-N48-PC3-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



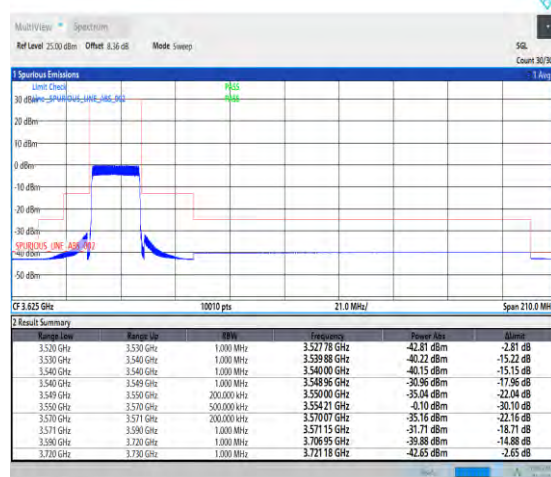
23-05-02 27-09-2023

1-N48-PC3-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant7-1--PASS-see graph



23-09-07 27-09-2023

1-N48-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



23-12-30 27-09-2023

1-N48-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant7-1--PASS-see graph



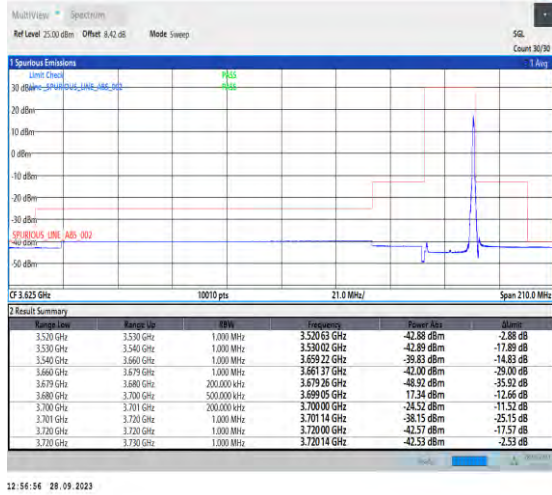
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

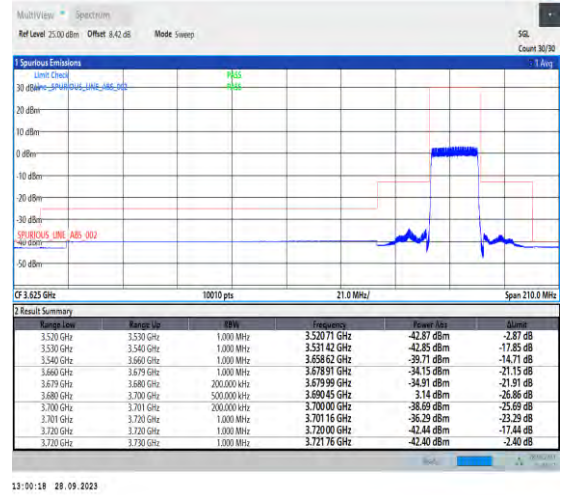
Rev.: 01

Page: 37 of 51



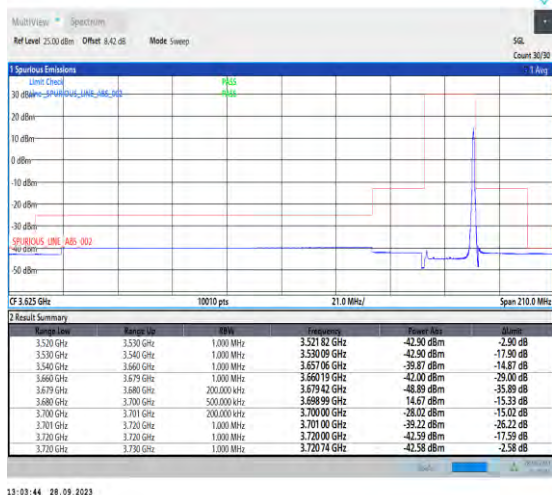
12:56:56 28.09.2023

1-N48-PC3-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@50-Ant7-1--PASS-see graph



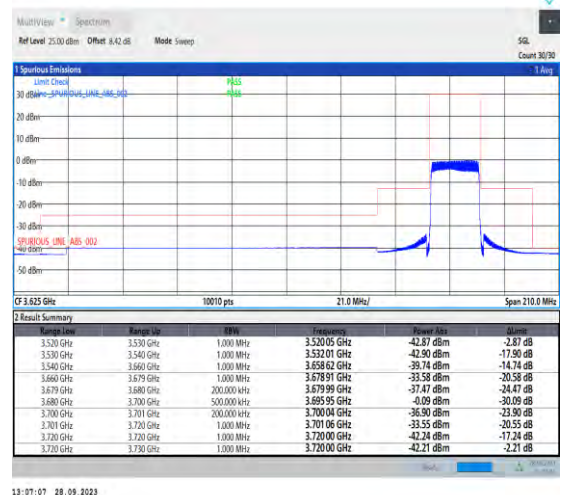
13:00:18 28.09.2023

1-N48-PC3-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant7-1--PASS-see graph



13:03:44 28.09.2023

1-N48-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant7-1--PASS-see graph



13:07:07 28.09.2023

1-N48-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant7-1--PASS-see graph



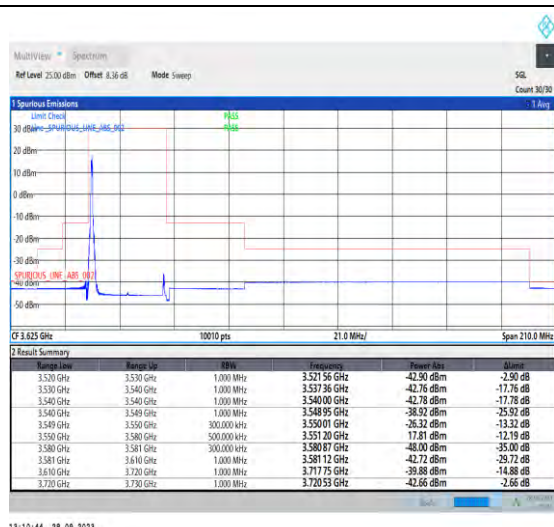
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

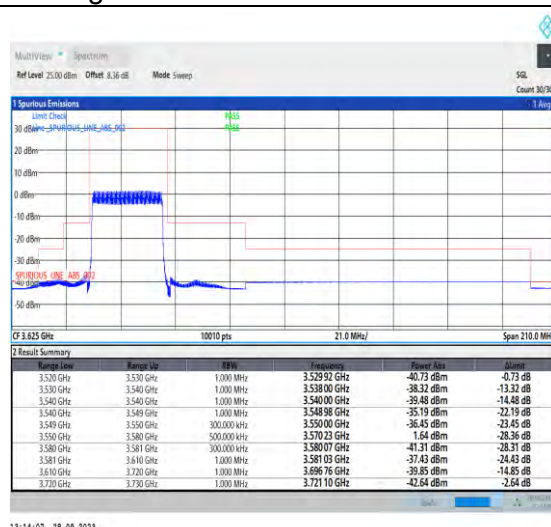
Report No.: SEWM2309000386RG02

Rev.: 01

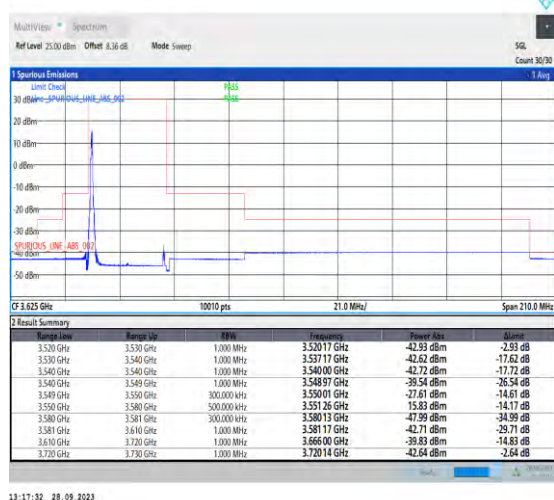
Page: 38 of 51



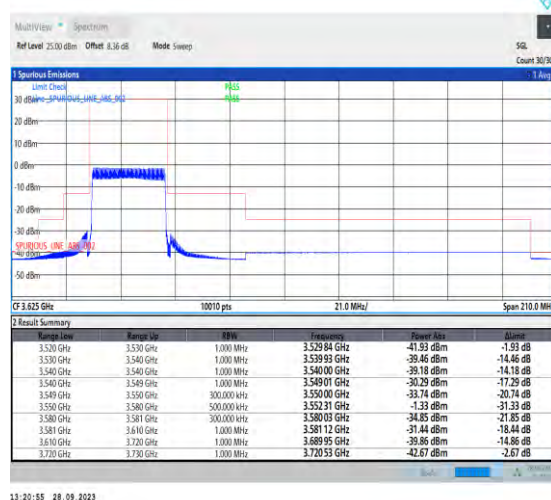
1-N48-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-
1@0-Ant7-1--PASS-see graph



1-N48-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-7
5@0-Ant7-1--PASS-see graph



1-N48-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0
-Ant7-1--PASS-see graph



1-N48-PC3-30-30-L-6-CP-QPSK-Outer_Full-78@0
-Ant7-1--PASS-see graph



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 deemed to have accepted the Terms and Conditions of the document and the instructions of the Client. The 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 strictly prohibited and may result in severe civil or criminal penalties. The results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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1号厂房南部 邮编: 215000

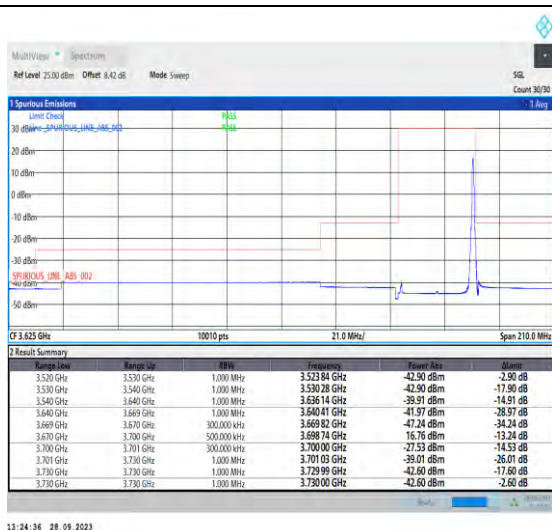
t (86-512) 62992980 www.sgsgroup.com.cn
f (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

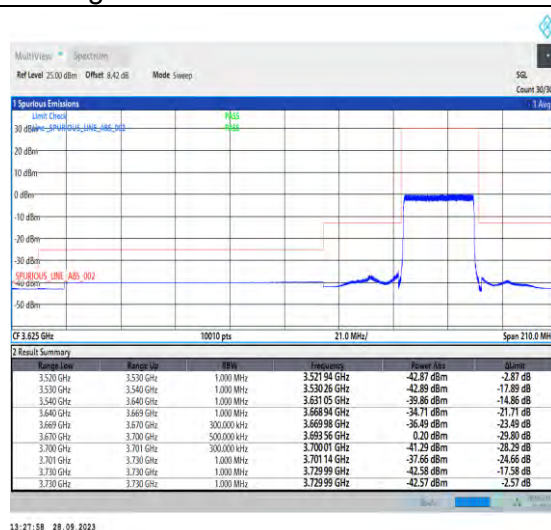
Report No.: SEWM2309000386RG02

Rev.: 01

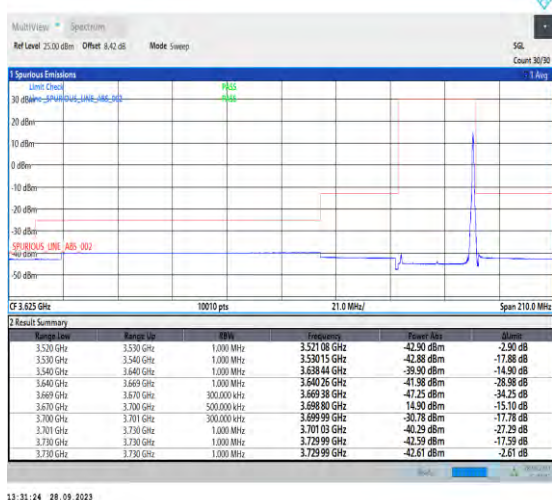
Page: 39 of 51



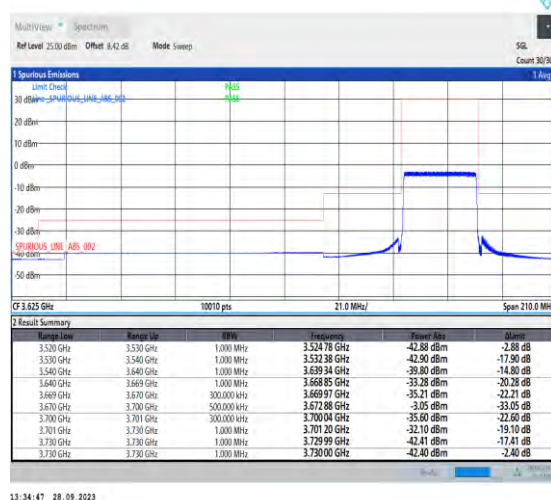
1-N48-PC3-30-30-H-2-DFT-PI2BPSK-Edge_1RB_Righ
t-1@77-Ant7-1--PASS-see graph



1-N48-PC3-30-30-H-3-DFT-PI2BPSK-Outer_Full-7
5@0-Ant7-1--PASS-see graph



1-N48-PC3-30-30-H-5-CP-QPSK-Edge_1RB_Right-1
@77-Ant7-1--PASS-see graph



1-N48-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@
0-Ant7-1--PASS-see graph



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 deemed to have accepted the Terms and Conditions of the Company and the 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 strictly prohibited and may result in civil or criminal proceedings being commenced against the person(s) responsible. The results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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胜浦路6号厂房南楼 邮编: 215000

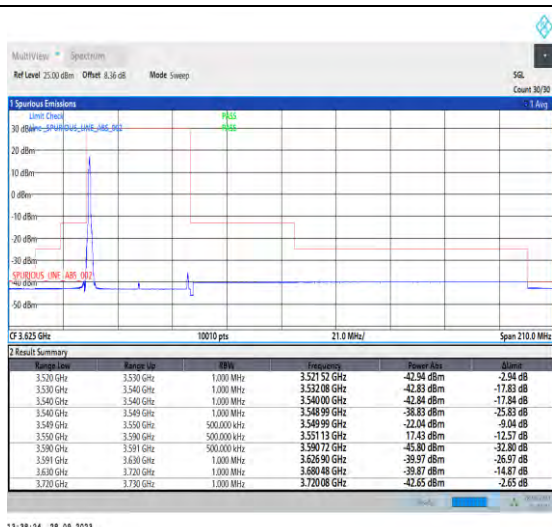
t (86-512) 62992980 www.sgsgroup.com.cn
f (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SEWM2309000386RG02

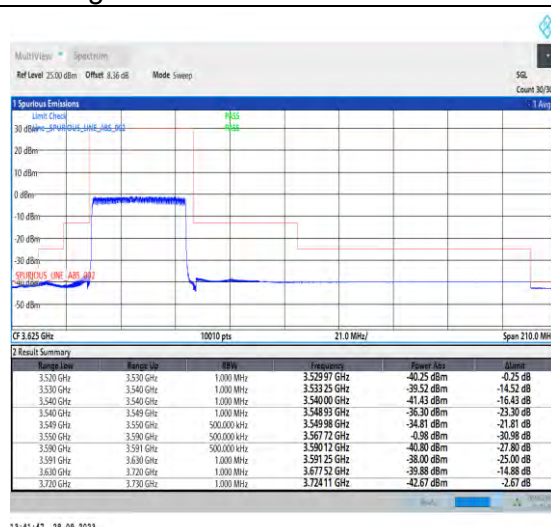
Rev.: 01

Page: 40 of 51



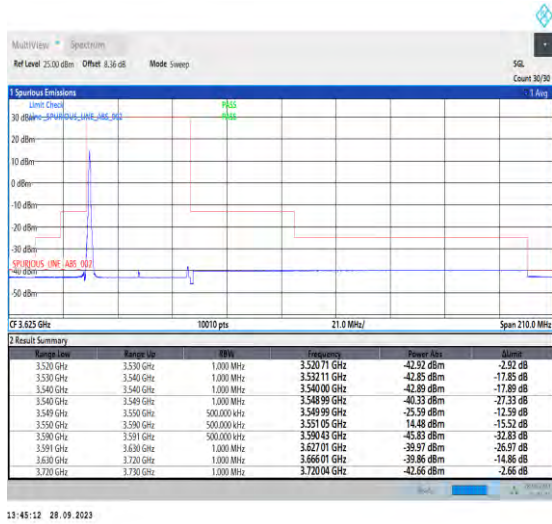
13:38:24 28.09.2023

1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



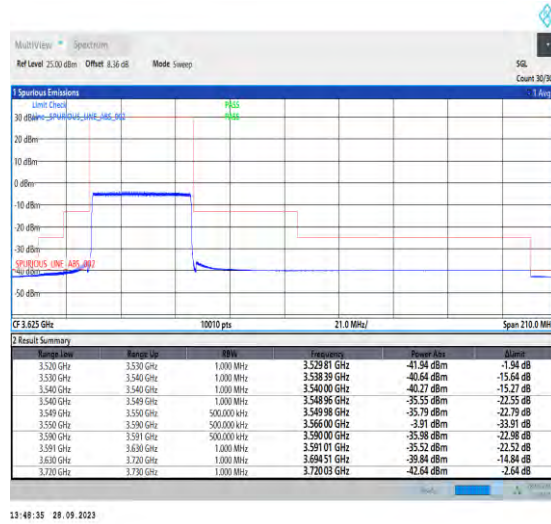
13:41:47 28.09.2023

1-N48-PC3-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant7-1--PASS-see graph



13:45:12 28.09.2023

1-N48-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



13:48:35 28.09.2023

1-N48-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant7-1--PASS-see graph



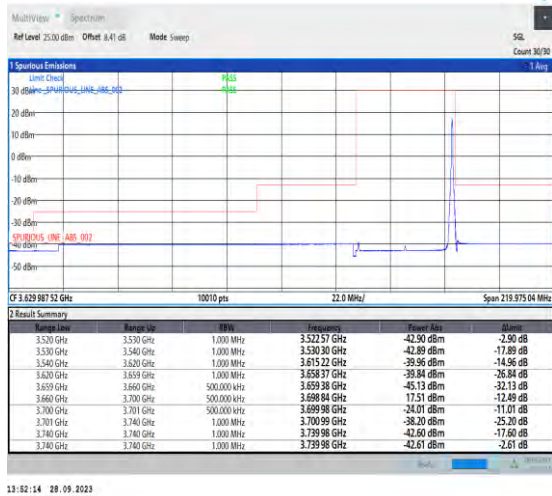
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report or 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

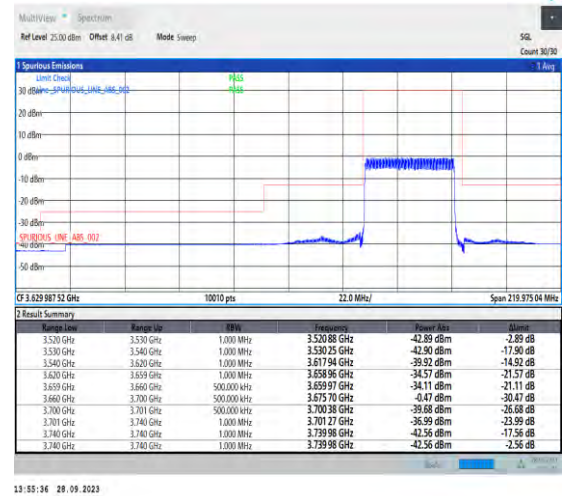
Report No.: SEWM2309000386RG02

Rev.: 01

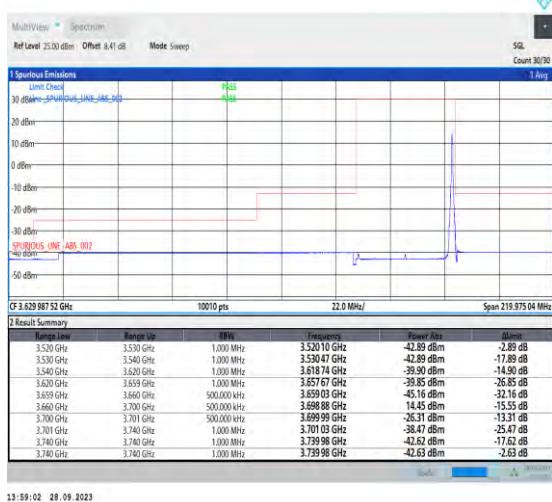
Page: 41 of 51



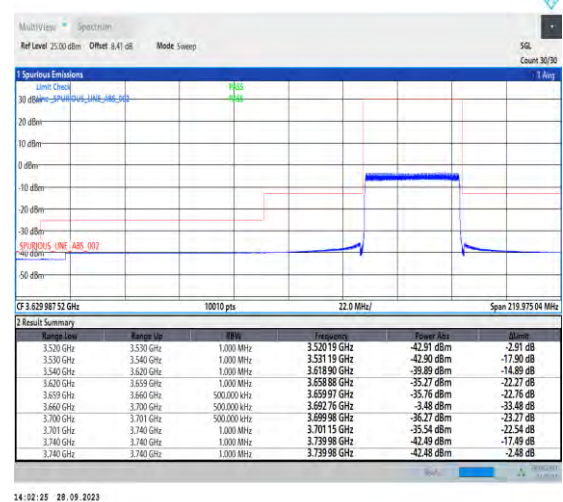
1-N48-PC3-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Righ
t-1@105-Ant7-1--PASS-see graph



1-N48-PC3-30-40-H-3-DFT-PI2BPSK-Outer_Full-1
00@0-Ant7-1--PASS-see graph



1-N48-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1
@105-Ant7-1--PASS-see graph



1-N48-PC3-30-40-H-6-CP-QPSK-Outer_Full-106
@0-Ant7-1--PASS-see graph



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 its mandate. The Company does not accept any liability for the consequences of any action or inaction taken by any party in reliance on 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.

For more information on the Company's services and the availability of testing/inspection report & certificate, please contact us at telephonically: (86-755) 8307 1443, or email: CN_Opschina@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 sqs.china@sqs.com

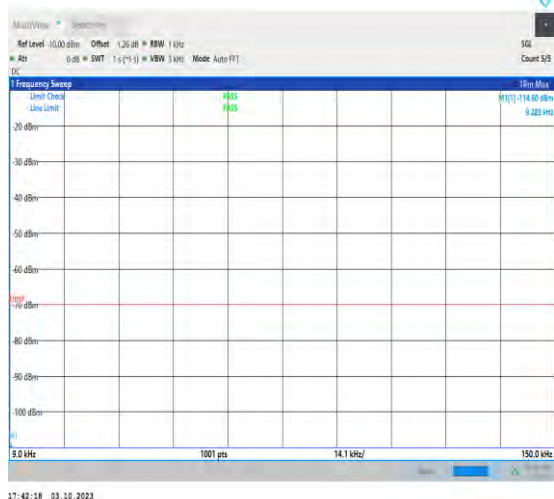
Member of the SGS Group (SGS SA)

Report No.: SEWM2309000386RG02

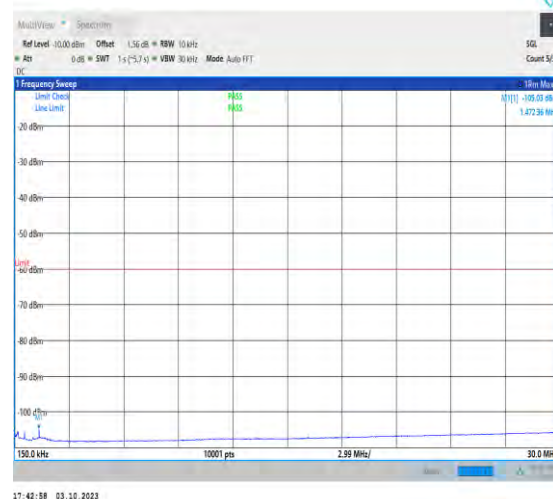
Rev.: 01

Page: 42 of 51

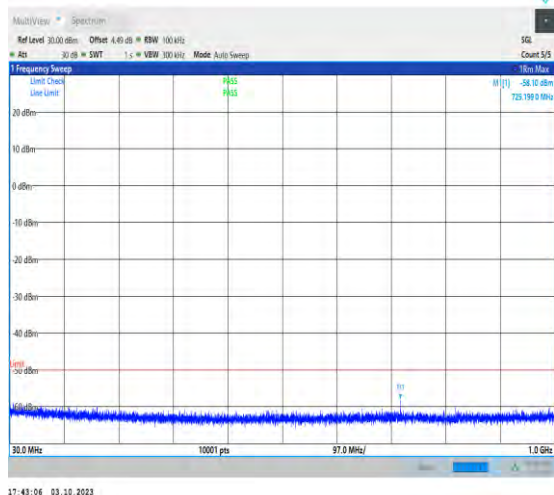
Conducted Spurious Emission for SA test Graphs



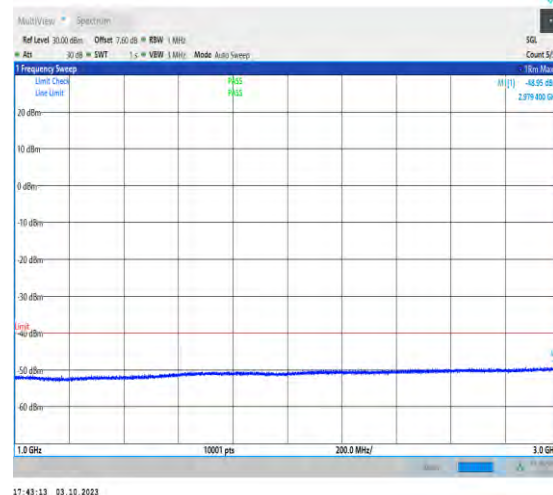
1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant7-0.02--83.29--70-PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant7-0.15--87.66--60-PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant7-48.62--52.83--50-PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant7-2998.40--47.20--40-PASS



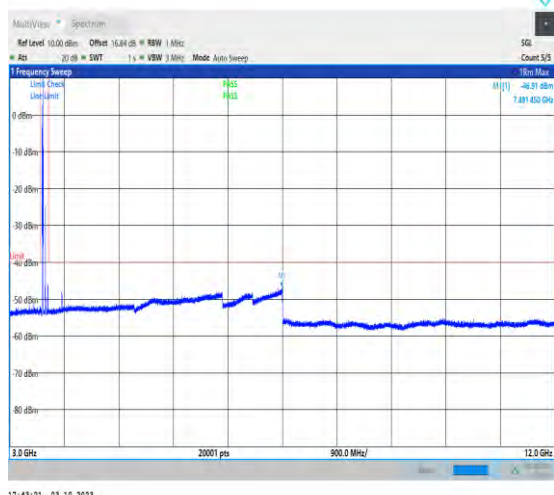
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgsgroup.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

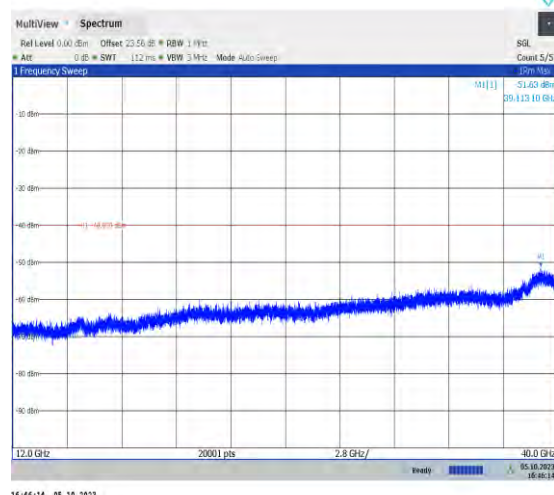
Report No.: SEWM2309000386RG02

Rev.: 01

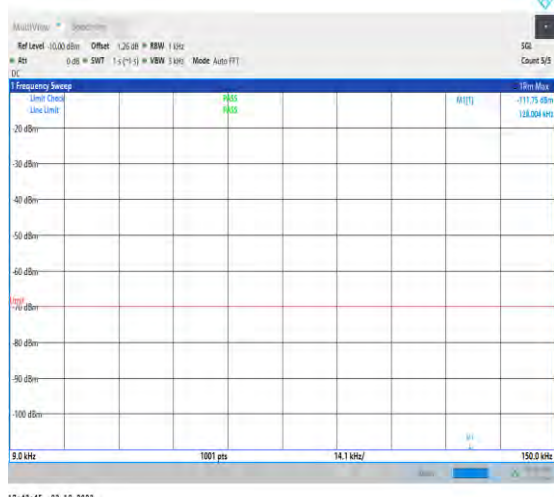
Page: 43 of 51



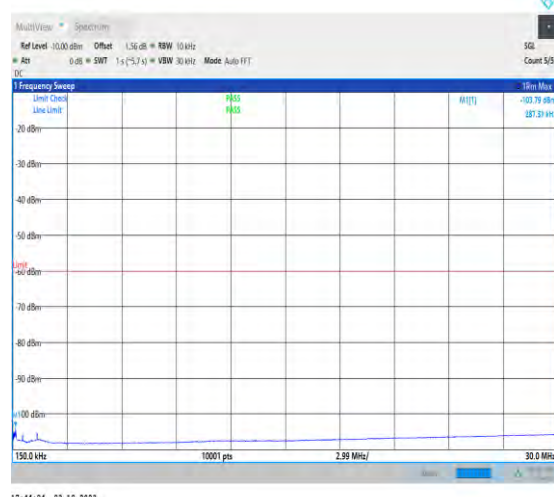
1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant7-3197.55--44.44--40-PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-40000-Ant7-17452.40--43.32--40-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant7-0.02--83.47--70-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant7-0.15--87.58--60-PASS



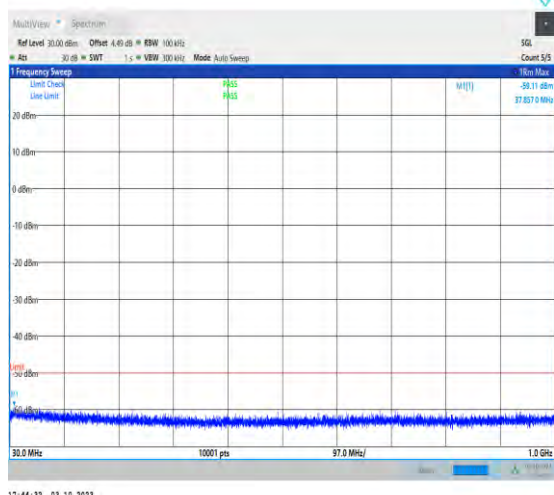
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

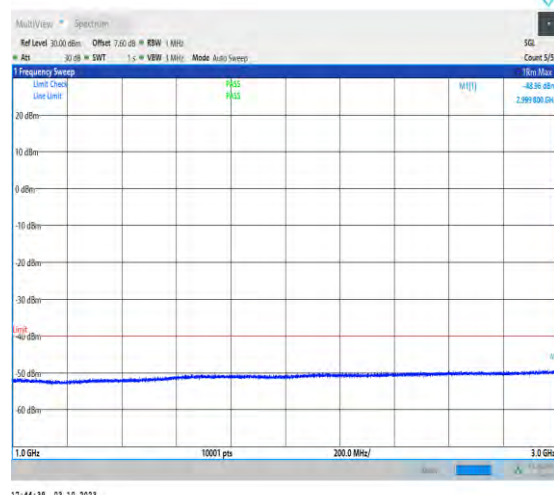
Report No.: SEWM2309000386RG02

Rev.: 01

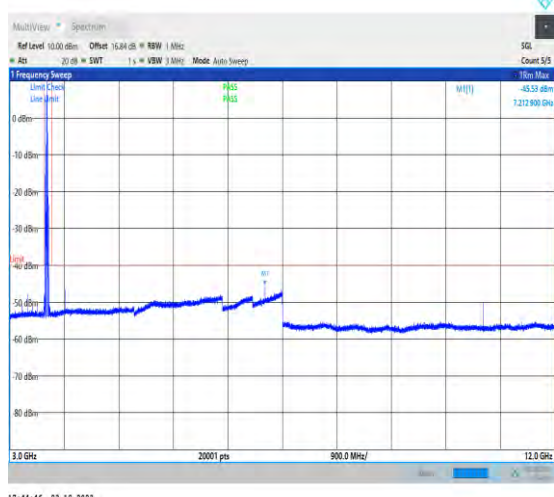
Page: 44 of 51



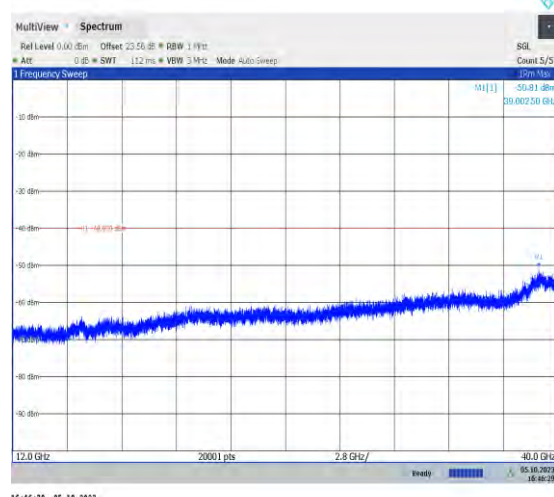
1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-30-1000-Ant7-45.13--55.12--50-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-1000-3000-Ant7-2634.20--44.65--40-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant7-3322.20--42.42--40-PAS
S



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-40000-Ant7-17286.80--43.72--40-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

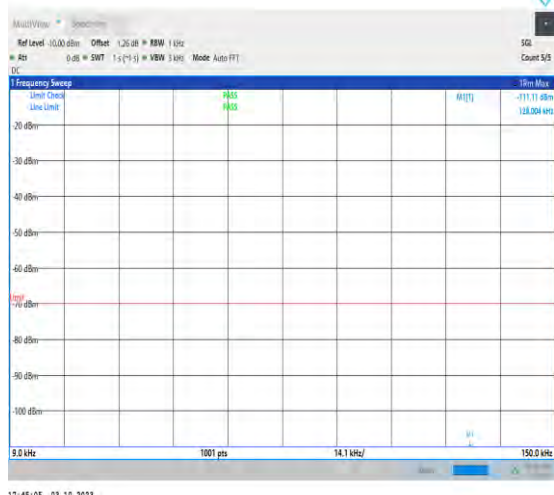
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区工业园区润胜路1号的6号厂房南楼 邮编: 215000

Member of the SGS Group (SGS SA)

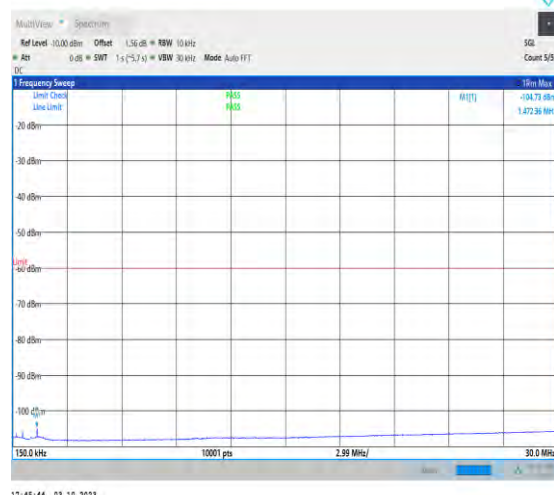
Report No.: SEWM2309000386RG02

Rev.: 01

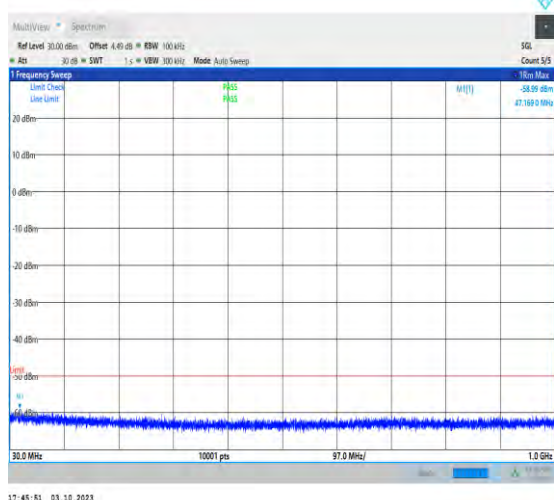
Page: 45 of 51



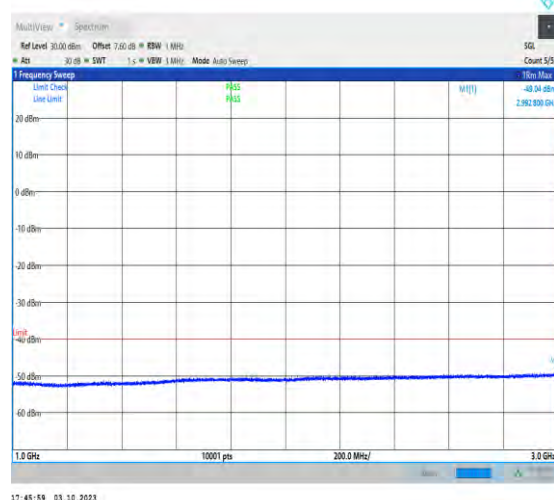
1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-0.009-0.15-Ant7-0.06--83.74--70-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-0.15-30-Ant7-0.15--87.60--60-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-30-1000-Ant7-61.62--54.53--50-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-1000-3000-Ant7-2996.80--47.22--40-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

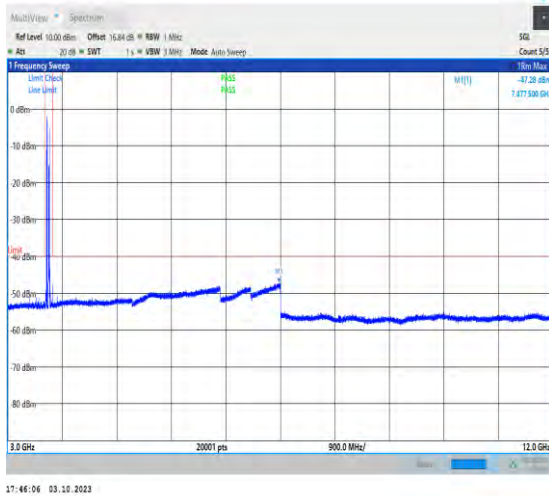
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

Member of the SGS Group (SGS SA)

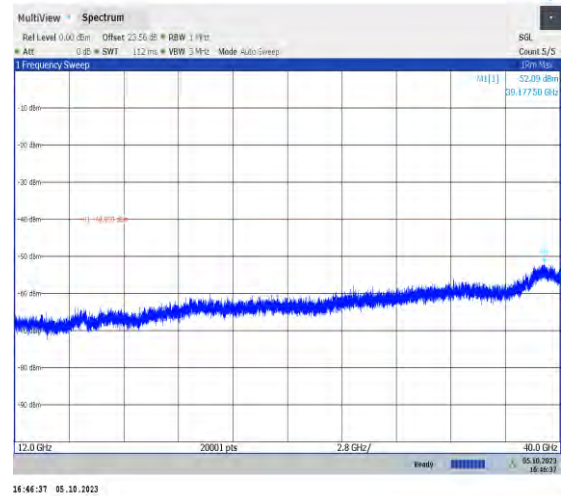
Report No.: SEWM2309000386RG02

Rev.: 01

Page: 46 of 51



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant7-3368.55--45.87--40-PAS
S



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-12000-20000-Ant7-17080.40--44.14--40-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
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号厂房南部 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 47 of 51

Field Strength of Spurious Radiation

Test Band = SA Band 48_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7342.375	43.83	-45.82	36.42	-60.83	-40.00	20.83	Horizontal
2	9313.1875	41.88	-42.92	37.88	-58.42	-40.00	18.42	Horizontal
3	10753.0833	39.69	-40.62	39.18	-57.01	-40.00	17.01	Horizontal
4	12770.375	39.08	-39.20	38.74	-56.64	-40.00	16.64	Horizontal
5	14823.6042	37.76	-37.74	40.24	-55.00	-40.00	15.00	Horizontal
6	17967.4167	37.40	-37.07	45.09	-49.84	-40.00	9.84	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7422.3958	43.51	-45.68	36.61	-60.82	-40.00	20.82	Vertical
2	8823.4792	42.64	-43.79	37.35	-59.05	-40.00	19.05	Vertical
3	9573.8542	40.66	-41.97	38.12	-58.45	-40.00	18.45	Vertical
4	10871.4375	39.00	-40.25	39.28	-57.23	-40.00	17.23	Vertical
5	13899.2917	37.27	-38.34	40.67	-55.66	-40.00	15.66	Vertical
6	17979.3958	36.67	-37.04	45.17	-50.46	-40.00	10.46	Vertical



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

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 48 of 51

Test Band = SA Band 48_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7196.2292	43.86	-45.47	36.07	-60.80	-40.00	20.80	Horizontal
2	9310.7917	42.01	-42.93	37.88	-58.30	-40.00	18.30	Horizontal
3	10807.2292	39.17	-40.43	39.23	-57.29	-40.00	17.29	Horizontal
4	12389.9167	37.88	-38.41	38.97	-56.83	-40.00	16.83	Horizontal
5	14189.1875	37.70	-38.21	40.75	-55.03	-40.00	15.03	Horizontal
6	17972.2083	36.76	-37.06	45.12	-50.44	-40.00	10.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7236.9583	44.23	-45.66	36.17	-60.52	-40.00	20.52	Vertical
2	8915	42.17	-43.56	37.48	-59.17	-40.00	19.17	Vertical
3	9581.0417	40.46	-41.90	38.12	-58.58	-40.00	18.58	Vertical
4	10917.4375	38.98	-40.23	39.33	-57.19	-40.00	17.19	Vertical
5	12004.6667	37.85	-38.60	39.20	-56.81	-40.00	16.81	Vertical
6	17960.7083	37.17	-37.09	45.05	-50.13	-40.00	10.13	Vertical



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

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 49 of 51

Test Band = SA Band 48_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7190.4792	44.25	-45.51	36.06	-60.47	-40.00	20.47	Horizontal
2	7851.7292	43.83	-44.94	36.38	-59.99	-40.00	19.99	Horizontal
3	9325.1667	41.54	-42.91	37.89	-58.73	-40.00	18.73	Horizontal
4	10765.0625	39.51	-40.58	39.19	-57.14	-40.00	17.14	Horizontal
5	13811.125	37.98	-38.50	40.47	-55.31	-40.00	15.31	Horizontal
6	17972.6875	36.49	-37.06	45.13	-50.70	-40.00	10.70	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7248.4583	43.74	-45.72	36.20	-61.05	-40.00	21.05	Vertical
2	8805.2708	42.33	-43.84	37.33	-59.45	-40.00	19.45	Vertical
3	10753.5625	39.51	-40.62	39.18	-57.19	-40.00	17.19	Vertical
4	12075.5833	38.50	-39.19	39.15	-56.80	-40.00	16.80	Vertical
5	13896.8958	37.63	-38.35	40.66	-55.31	-40.00	15.31	Vertical
6	17962.625	36.58	-37.08	45.06	-50.70	-40.00	10.70	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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

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

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

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

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

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

Report No.: SEWM2309000386RG02

Rev.: 01

Page: 50 of 51

Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	1.700000	0.000469	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-2.200000	-0.000607	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-9.800000	-0.002703	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VH	NT	4.300000	0.001186	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VN	NT	0.700000	0.000193	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VL	NT	-2.500000	-0.000690	PASS



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

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

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

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



Report No.: SEWM2309000386RG02

Rev.: 01

Page: 51 of 51

Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.700000	-0.001848	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-2.500000	-0.000690	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-8.600000	-0.002372	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-4.000000	-0.001103	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-2.400000	-0.000662	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-6.200000	-0.001710	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	0.200000	0.000055	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-6.800000	-0.001876	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	50	1.300000	0.000359	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-30	-2.300000	-0.000634	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-20	-0.800000	-0.000221	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-10	-3.000000	-0.000828	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	0	-1.300000	-0.000359	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	10	-2.800000	-0.000772	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	20	-3.600000	-0.000993	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	30	-3.800000	-0.001048	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	40	-4.800000	-0.001324	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	50	2.300000	0.000634	PASS

---End of Attachment---



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

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

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

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