

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 1 of 48

Appendix



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) 8392 3443 or website: CN.Docscheck@sgs.com

South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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阳澄湖1号8号广景南路 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 2 of 48

Effective (Isotropic) Radiated Power Output Data

Test Result

ANT0:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Edge_1RB_Left	23.89	17.72	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Edge_1RB_Right	23.99	17.82	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.61	17.44	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_Full	23.98	17.81	38.45	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Left	24.45	18.28	38.45	PASS
N5	15	5	DFT-QPSK	L	Edge_1RB_Right	23.91	17.74	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.42	17.25	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_Full	23.94	17.77	38.45	PASS
N5	15	5	DFT-16QAM	L	Edge_1RB_Left	24.42	18.25	38.45	PASS
N5	15	5	DFT-16QAM	L	Edge_1RB_Right	23.08	16.91	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.51	16.34	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_Full	22.97	16.80	38.45	PASS
N5	15	5	DFT-64QAM	L	Edge_1RB_Left	23.97	17.80	38.45	PASS
N5	15	5	DFT-64QAM	L	Edge_1RB_Right	22.33	16.16	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	22.23	16.06	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_Full	22.52	16.35	38.45	PASS
N5	15	5	DFT-256QAM	L	Edge_1RB_Left	22.38	16.21	38.45	PASS
N5	15	5	DFT-256QAM	L	Edge_1RB_Right	20.48	14.31	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	20.39	14.22	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_Full	20.44	14.27	38.45	PASS
N5	15	5	CP-QPSK	L	Edge_1RB_Left	20.48	14.31	38.45	PASS
N5	15	5	CP-QPSK	L	Edge_1RB_Right	21.90	15.73	38.45	PASS
N5	15	5	CP-QPSK	L	Outer_Full	21.97	15.80	38.45	PASS
N5	15	5	CP-QPSK	L	Inner_Full	22.00	15.83	38.45	PASS
N5	15	5	CP-16QAM	L	Edge_1RB_Left	23.39	17.22	38.45	PASS
N5	15	5	CP-16QAM	L	Edge_1RB_Right	21.70	15.53	38.45	PASS
N5	15	5	CP-16QAM	L	Outer_Full	21.69	15.52	38.45	PASS
N5	15	5	CP-16QAM	L	Inner_Full	21.93	15.76	38.45	PASS
N5	15	5	CP-64QAM	L	Edge_1RB_Left	23.07	16.90	38.45	PASS
N5	15	5	CP-64QAM	L	Edge_1RB_Right	21.68	15.51	38.45	PASS
N5	15	5	CP-64QAM	L	Outer_Full	21.75	15.58	38.45	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 5448 or email: QA@china.sgs.com
 South of No. 8 Road, No. 1, Rongsheng 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融生路1号8号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 3 of 48

N5	15	5	CP-64QAM	L	Inner_Full	21.54	15.37	38.45	PASS
N5	15	5	CP-256QAM	L	Edge_1RB_Left	21.41	15.24	38.45	PASS
N5	15	5	CP-256QAM	L	Edge_1RB_Right	18.37	12.20	38.45	PASS
N5	15	5	CP-256QAM	L	Outer_Full	18.42	12.25	38.45	PASS
N5	15	5	CP-256QAM	L	Inner_Full	18.48	12.31	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Edge_1RB_Left	18.45	12.28	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Edge_1RB_Right	23.97	17.80	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	23.91	17.74	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_Full	23.89	17.72	38.45	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Left	24.41	18.24	38.45	PASS
N5	15	5	DFT-QPSK	M	Edge_1RB_Right	23.73	17.56	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	23.82	17.65	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_Full	23.90	17.73	38.45	PASS
N5	15	5	DFT-16QAM	M	Edge_1RB_Left	24.41	18.24	38.45	PASS
N5	15	5	DFT-16QAM	M	Edge_1RB_Right	23.08	16.91	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	22.99	16.82	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_Full	22.94	16.77	38.45	PASS
N5	15	5	DFT-64QAM	M	Edge_1RB_Left	23.90	17.73	38.45	PASS
N5	15	5	DFT-64QAM	M	Edge_1RB_Right	22.29	16.12	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	22.32	16.15	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_Full	22.46	16.29	38.45	PASS
N5	15	5	DFT-256QAM	M	Edge_1RB_Left	22.37	16.20	38.45	PASS
N5	15	5	DFT-256QAM	M	Edge_1RB_Right	20.39	14.22	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	20.50	14.33	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_Full	20.37	14.20	38.45	PASS
N5	15	5	CP-QPSK	M	Edge_1RB_Left	20.38	14.21	38.45	PASS
N5	15	5	CP-QPSK	M	Edge_1RB_Right	21.80	15.63	38.45	PASS
N5	15	5	CP-QPSK	M	Outer_Full	21.90	15.73	38.45	PASS
N5	15	5	CP-QPSK	M	Inner_Full	21.98	15.81	38.45	PASS
N5	15	5	CP-16QAM	M	Edge_1RB_Left	23.47	17.30	38.45	PASS
N5	15	5	CP-16QAM	M	Edge_1RB_Right	21.49	15.32	38.45	PASS
N5	15	5	CP-16QAM	M	Outer_Full	21.58	15.41	38.45	PASS
N5	15	5	CP-16QAM	M	Inner_Full	22.03	15.86	38.45	PASS
N5	15	5	CP-64QAM	M	Edge_1RB_Left	23.05	16.88	38.45	PASS
N5	15	5	CP-64QAM	M	Edge_1RB_Right	21.76	15.59	38.45	PASS
N5	15	5	CP-64QAM	M	Outer_Full	21.77	15.60	38.45	PASS
N5	15	5	CP-64QAM	M	Inner_Full	21.46	15.29	38.45	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 4442 or email: CMA.Docs@sgs.com.
 South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
 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融胜路1号8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.: SUAR/2021/B000702

Rev.: 01

Page: 4 of 48

N5	15	5	CP-256QAM	M	Edge_1RB_Left	21.39	15.22	38.45	PASS
N5	15	5	CP-256QAM	M	Edge_1RB_Right	18.85	12.68	38.45	PASS
N5	15	5	CP-256QAM	M	Outer_Full	18.50	12.33	38.45	PASS
N5	15	5	CP-256QAM	M	Inner_Full	18.42	12.25	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Edge_1RB_Left	18.43	12.26	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Edge_1RB_Right	23.88	17.71	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Outer_Full	23.88	17.71	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_Full	23.53	17.36	38.45	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Left	24.37	18.20	38.45	PASS
N5	15	5	DFT-QPSK	H	Edge_1RB_Right	23.81	17.64	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	23.54	17.37	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_Full	23.65	17.48	38.45	PASS
N5	15	5	DFT-16QAM	H	Edge_1RB_Left	24.36	18.19	38.45	PASS
N5	15	5	DFT-16QAM	H	Edge_1RB_Right	22.97	16.80	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	22.87	16.70	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_Full	22.92	16.75	38.45	PASS
N5	15	5	DFT-64QAM	H	Edge_1RB_Left	23.85	17.68	38.45	PASS
N5	15	5	DFT-64QAM	H	Edge_1RB_Right	22.20	16.03	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	22.14	15.97	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_Full	22.43	16.26	38.45	PASS
N5	15	5	DFT-256QAM	H	Edge_1RB_Left	22.31	16.14	38.45	PASS
N5	15	5	DFT-256QAM	H	Edge_1RB_Right	20.40	14.23	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	20.33	14.16	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_Full	20.34	14.17	38.45	PASS
N5	15	5	CP-QPSK	H	Edge_1RB_Left	20.38	14.21	38.45	PASS
N5	15	5	CP-QPSK	H	Edge_1RB_Right	21.78	15.61	38.45	PASS
N5	15	5	CP-QPSK	H	Outer_Full	20.05	13.88	38.45	PASS
N5	15	5	CP-QPSK	H	Inner_Full	21.88	15.71	38.45	PASS
N5	15	5	CP-16QAM	H	Edge_1RB_Left	23.31	17.14	38.45	PASS
N5	15	5	CP-16QAM	H	Edge_1RB_Right	21.45	15.28	38.45	PASS
N5	15	5	CP-16QAM	H	Outer_Full	21.44	15.27	38.45	PASS
N5	15	5	CP-16QAM	H	Inner_Full	21.94	15.77	38.45	PASS
N5	15	5	CP-64QAM	H	Edge_1RB_Left	23.01	16.84	38.45	PASS
N5	15	5	CP-64QAM	H	Edge_1RB_Right	21.14	14.97	38.45	PASS
N5	15	5	CP-64QAM	H	Outer_Full	21.15	14.98	38.45	PASS
N5	15	5	CP-64QAM	H	Inner_Full	21.45	15.28	38.45	PASS
N5	15	5	CP-256QAM	H	Edge_1RB_Left	21.29	15.12	38.45	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 8448 or email: QA.Questions@sgs.com.
 South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 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通盛路1号8号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 5 of 48

N5	15	5	CP-256QAM	H	Edge_1RB_Right	18.55	12.38	38.45	PASS
N5	15	5	CP-256QAM	H	Outer_Full	18.40	12.23	38.45	PASS
N5	15	5	CP-256QAM	H	Inner_Full	18.35	12.18	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Edge_1RB_Left	18.33	12.16	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Edge_1RB_Right	23.94	17.77	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	23.55	17.38	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_Full	23.72	17.55	38.45	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Left	24.50	18.33	38.45	PASS
N5	15	10	DFT-QPSK	L	Edge_1RB_Right	23.88	17.71	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	23.64	17.47	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_Full	23.93	17.76	38.45	PASS
N5	15	10	DFT-16QAM	L	Edge_1RB_Left	24.45	18.28	38.45	PASS
N5	15	10	DFT-16QAM	L	Edge_1RB_Right	23.06	16.89	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	22.40	16.23	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_Full	22.93	16.76	38.45	PASS
N5	15	10	DFT-64QAM	L	Edge_1RB_Left	23.95	17.78	38.45	PASS
N5	15	10	DFT-64QAM	L	Edge_1RB_Right	22.29	16.12	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	22.01	15.84	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_Full	22.54	16.37	38.45	PASS
N5	15	10	DFT-256QAM	L	Edge_1RB_Left	22.42	16.25	38.45	PASS
N5	15	10	DFT-256QAM	L	Edge_1RB_Right	20.12	13.95	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	20.34	14.17	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_Full	20.61	14.44	38.45	PASS
N5	15	10	CP-QPSK	L	Edge_1RB_Left	20.51	14.34	38.45	PASS
N5	15	10	CP-QPSK	L	Edge_1RB_Right	21.85	15.68	38.45	PASS
N5	15	10	CP-QPSK	L	Outer_Full	21.42	15.25	38.45	PASS
N5	15	10	CP-QPSK	L	Inner_Full	21.96	15.79	38.45	PASS
N5	15	10	CP-16QAM	L	Edge_1RB_Left	23.40	17.23	38.45	PASS
N5	15	10	CP-16QAM	L	Edge_1RB_Right	21.52	15.35	38.45	PASS
N5	15	10	CP-16QAM	L	Outer_Full	21.57	15.40	38.45	PASS
N5	15	10	CP-16QAM	L	Inner_Full	22.01	15.84	38.45	PASS
N5	15	10	CP-64QAM	L	Edge_1RB_Left	22.92	16.75	38.45	PASS
N5	15	10	CP-64QAM	L	Edge_1RB_Right	21.18	15.01	38.45	PASS
N5	15	10	CP-64QAM	L	Outer_Full	21.18	15.01	38.45	PASS
N5	15	10	CP-64QAM	L	Inner_Full	21.45	15.28	38.45	PASS
N5	15	10	CP-256QAM	L	Edge_1RB_Left	21.46	15.29	38.45	PASS
N5	15	10	CP-256QAM	L	Edge_1RB_Right	18.56	12.39	38.45	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 8448 or email: QA.Questions@sgs.com.
 South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) 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融生路1号8号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 6 of 48

N5	15	10	CP-256QAM	L	Outer_Full	18.41	12.24	38.45	PASS
N5	15	10	CP-256QAM	L	Inner_Full	18.56	12.39	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Edge_1RB_Left	18.52	12.35	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Edge_1RB_Right	23.92	17.75	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	23.83	17.66	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_Full	24.07	17.90	38.45	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Left	24.50	18.33	38.45	PASS
N5	15	10	DFT-QPSK	M	Edge_1RB_Right	23.70	17.53	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	23.91	17.74	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_Full	23.98	17.81	38.45	PASS
N5	15	10	DFT-16QAM	M	Edge_1RB_Left	24.53	18.36	38.45	PASS
N5	15	10	DFT-16QAM	M	Edge_1RB_Right	22.90	16.73	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	22.97	16.80	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_Full	23.04	16.87	38.45	PASS
N5	15	10	DFT-64QAM	M	Edge_1RB_Left	24.04	17.87	38.45	PASS
N5	15	10	DFT-64QAM	M	Edge_1RB_Right	22.23	16.06	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	22.12	15.95	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_Full	22.57	16.40	38.45	PASS
N5	15	10	DFT-256QAM	M	Edge_1RB_Left	22.56	16.39	38.45	PASS
N5	15	10	DFT-256QAM	M	Edge_1RB_Right	20.29	14.12	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	20.31	14.14	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_Full	20.53	14.36	38.45	PASS
N5	15	10	CP-QPSK	M	Edge_1RB_Left	20.42	14.25	38.45	PASS
N5	15	10	CP-QPSK	M	Edge_1RB_Right	21.77	15.60	38.45	PASS
N5	15	10	CP-QPSK	M	Outer_Full	21.36	15.19	38.45	PASS
N5	15	10	CP-QPSK	M	Inner_Full	22.02	15.85	38.45	PASS
N5	15	10	CP-16QAM	M	Edge_1RB_Left	23.46	17.29	38.45	PASS
N5	15	10	CP-16QAM	M	Edge_1RB_Right	21.77	15.60	38.45	PASS
N5	15	10	CP-16QAM	M	Outer_Full	21.67	15.50	38.45	PASS
N5	15	10	CP-16QAM	M	Inner_Full	22.01	15.84	38.45	PASS
N5	15	10	CP-64QAM	M	Edge_1RB_Left	22.94	16.77	38.45	PASS
N5	15	10	CP-64QAM	M	Edge_1RB_Right	21.31	15.14	38.45	PASS
N5	15	10	CP-64QAM	M	Outer_Full	21.24	15.07	38.45	PASS
N5	15	10	CP-64QAM	M	Inner_Full	21.52	15.35	38.45	PASS
N5	15	10	CP-256QAM	M	Edge_1RB_Left	21.49	15.32	38.45	PASS
N5	15	10	CP-256QAM	M	Edge_1RB_Right	18.45	12.28	38.45	PASS
N5	15	10	CP-256QAM	M	Outer_Full	18.34	12.17	38.45	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 8448 or website: CN.Questel.com.
 South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) 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融胜路1号8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.: SUAR/2021/B000702

Rev.: 01

Page: 7 of 48

N5	15	10	CP-256QAM	M	Inner_Full	18.51	12.34	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Edge_1RB_Left	18.46	12.29	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Edge_1RB_Right	23.92	17.75	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	23.84	17.67	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_Full	23.94	17.77	38.45	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Left	24.48	18.31	38.45	PASS
N5	15	10	DFT-QPSK	H	Edge_1RB_Right	23.80	17.63	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	23.45	17.28	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_Full	24.04	17.87	38.45	PASS
N5	15	10	DFT-16QAM	H	Edge_1RB_Left	24.48	18.31	38.45	PASS
N5	15	10	DFT-16QAM	H	Edge_1RB_Right	22.98	16.81	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	22.80	16.63	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_Full	23.00	16.83	38.45	PASS
N5	15	10	DFT-64QAM	H	Edge_1RB_Left	23.96	17.79	38.45	PASS
N5	15	10	DFT-64QAM	H	Edge_1RB_Right	22.24	16.07	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	22.14	15.97	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_Full	22.53	16.36	38.45	PASS
N5	15	10	DFT-256QAM	H	Edge_1RB_Left	22.50	16.33	38.45	PASS
N5	15	10	DFT-256QAM	H	Edge_1RB_Right	20.36	14.19	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	20.31	14.14	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_Full	20.53	14.36	38.45	PASS
N5	15	10	CP-QPSK	H	Edge_1RB_Left	20.41	14.24	38.45	PASS
N5	15	10	CP-QPSK	H	Edge_1RB_Right	21.76	15.59	38.45	PASS
N5	15	10	CP-QPSK	H	Outer_Full	20.35	14.18	38.45	PASS
N5	15	10	CP-QPSK	H	Inner_Full	21.96	15.79	38.45	PASS
N5	15	10	CP-16QAM	H	Edge_1RB_Left	23.36	17.19	38.45	PASS
N5	15	10	CP-16QAM	H	Edge_1RB_Right	21.43	15.26	38.45	PASS
N5	15	10	CP-16QAM	H	Outer_Full	21.45	15.28	38.45	PASS
N5	15	10	CP-16QAM	H	Inner_Full	21.96	15.79	38.45	PASS
N5	15	10	CP-64QAM	H	Edge_1RB_Left	22.96	16.79	38.45	PASS
N5	15	10	CP-64QAM	H	Edge_1RB_Right	21.14	14.97	38.45	PASS
N5	15	10	CP-64QAM	H	Outer_Full	21.08	14.91	38.45	PASS
N5	15	10	CP-64QAM	H	Inner_Full	21.46	15.29	38.45	PASS
N5	15	10	CP-256QAM	H	Edge_1RB_Left	21.41	15.24	38.45	PASS
N5	15	10	CP-256QAM	H	Edge_1RB_Right	18.39	12.22	38.45	PASS
N5	15	10	CP-256QAM	H	Outer_Full	18.37	12.20	38.45	PASS
N5	15	10	CP-256QAM	H	Inner_Full	18.50	12.33	38.45	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 4444 or website: CN.Qcinspect.com.

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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阳澄湖1号8号广厦南座 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 8 of 48

N5	15	15	DFT-PI2BPSK	L	Edge_1RB_Left	18.44	12.27	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Edge_1RB_Right	24.06	17.89	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	23.92	17.75	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_Full	24.07	17.90	38.45	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Left	24.64	18.47	38.45	PASS
N5	15	15	DFT-QPSK	L	Edge_1RB_Right	23.99	17.82	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.89	17.72	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_Full	24.04	17.87	38.45	PASS
N5	15	15	DFT-16QAM	L	Edge_1RB_Left	24.67	18.50	38.45	PASS
N5	15	15	DFT-16QAM	L	Edge_1RB_Right	23.15	16.98	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	23.05	16.88	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_Full	23.12	16.95	38.45	PASS
N5	15	15	DFT-64QAM	L	Edge_1RB_Left	23.83	17.66	38.45	PASS
N5	15	15	DFT-64QAM	L	Edge_1RB_Right	22.36	16.19	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	22.30	16.13	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_Full	22.61	16.44	38.45	PASS
N5	15	15	DFT-256QAM	L	Edge_1RB_Left	22.43	16.26	38.45	PASS
N5	15	15	DFT-256QAM	L	Edge_1RB_Right	20.64	14.47	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	20.54	14.37	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_Full	20.71	14.54	38.45	PASS
N5	15	15	CP-QPSK	L	Edge_1RB_Left	20.65	14.48	38.45	PASS
N5	15	15	CP-QPSK	L	Edge_1RB_Right	22.01	15.84	38.45	PASS
N5	15	15	CP-QPSK	L	Outer_Full	21.98	15.81	38.45	PASS
N5	15	15	CP-QPSK	L	Inner_Full	22.18	16.01	38.45	PASS
N5	15	15	CP-16QAM	L	Edge_1RB_Left	23.36	17.19	38.45	PASS
N5	15	15	CP-16QAM	L	Edge_1RB_Right	21.64	15.47	38.45	PASS
N5	15	15	CP-16QAM	L	Outer_Full	21.59	15.42	38.45	PASS
N5	15	15	CP-16QAM	L	Inner_Full	22.19	16.02	38.45	PASS
N5	15	15	CP-64QAM	L	Edge_1RB_Left	22.84	16.67	38.45	PASS
N5	15	15	CP-64QAM	L	Edge_1RB_Right	21.29	15.12	38.45	PASS
N5	15	15	CP-64QAM	L	Outer_Full	21.25	15.08	38.45	PASS
N5	15	15	CP-64QAM	L	Inner_Full	21.64	15.47	38.45	PASS
N5	15	15	CP-256QAM	L	Edge_1RB_Left	21.58	15.41	38.45	PASS
N5	15	15	CP-256QAM	L	Edge_1RB_Right	18.59	12.42	38.45	PASS
N5	15	15	CP-256QAM	L	Outer_Full	18.57	12.40	38.45	PASS
N5	15	15	CP-256QAM	L	Inner_Full	18.63	12.46	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Edge_1RB_Left	18.62	12.45	38.45	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 4448 or email: CMA-QC@china-sgs.com.

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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融胜路1号8号厂房南座 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 9 of 48

N5	15	15	DFT-PI2BPSK	M	Edge_1RB_Right	24.04	17.87	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	23.87	17.70	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_Full	24.11	17.94	38.45	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Left	24.67	18.50	38.45	PASS
N5	15	15	DFT-QPSK	M	Edge_1RB_Right	23.65	17.48	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	23.80	17.63	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_Full	24.09	17.92	38.45	PASS
N5	15	15	DFT-16QAM	M	Edge_1RB_Left	24.55	18.38	38.45	PASS
N5	15	15	DFT-16QAM	M	Edge_1RB_Right	22.89	16.72	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	23.07	16.90	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_Full	23.20	17.03	38.45	PASS
N5	15	15	DFT-64QAM	M	Edge_1RB_Left	24.14	17.97	38.45	PASS
N5	15	15	DFT-64QAM	M	Edge_1RB_Right	22.22	16.05	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	22.17	16.00	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_Full	22.68	16.51	38.45	PASS
N5	15	15	DFT-256QAM	M	Edge_1RB_Left	22.63	16.46	38.45	PASS
N5	15	15	DFT-256QAM	M	Edge_1RB_Right	20.60	14.43	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	20.89	14.72	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_Full	20.68	14.51	38.45	PASS
N5	15	15	CP-QPSK	M	Edge_1RB_Left	20.61	14.44	38.45	PASS
N5	15	15	CP-QPSK	M	Edge_1RB_Right	21.93	15.76	38.45	PASS
N5	15	15	CP-QPSK	M	Outer_Full	22.02	15.85	38.45	PASS
N5	15	15	CP-QPSK	M	Inner_Full	22.08	15.91	38.45	PASS
N5	15	15	CP-16QAM	M	Edge_1RB_Left	23.63	17.46	38.45	PASS
N5	15	15	CP-16QAM	M	Edge_1RB_Right	21.62	15.45	38.45	PASS
N5	15	15	CP-16QAM	M	Outer_Full	21.50	15.33	38.45	PASS
N5	15	15	CP-16QAM	M	Inner_Full	22.10	15.93	38.45	PASS
N5	15	15	CP-64QAM	M	Edge_1RB_Left	23.12	16.95	38.45	PASS
N5	15	15	CP-64QAM	M	Edge_1RB_Right	21.33	15.16	38.45	PASS
N5	15	15	CP-64QAM	M	Outer_Full	21.16	14.99	38.45	PASS
N5	15	15	CP-64QAM	M	Inner_Full	21.54	15.37	38.45	PASS
N5	15	15	CP-256QAM	M	Edge_1RB_Left	21.65	15.48	38.45	PASS
N5	15	15	CP-256QAM	M	Edge_1RB_Right	18.61	12.44	38.45	PASS
N5	15	15	CP-256QAM	M	Outer_Full	18.53	12.36	38.45	PASS
N5	15	15	CP-256QAM	M	Inner_Full	18.61	12.44	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Edge_1RB_Left	18.63	12.46	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Edge_1RB_Right	24.00	17.83	38.45	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 5445 or website: CN.Questek.com.

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Free Trade Zone
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世路1号8号厂房南座 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 10 of 48

N5	15	15	DFT-PI2BPSK	H	Outer_Full	23.78	17.61	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_Full	24.09	17.92	38.45	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Left	24.56	18.39	38.45	PASS
N5	15	15	DFT-QPSK	H	Edge_1RB_Right	23.64	17.47	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.94	17.77	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_Full	24.08	17.91	38.45	PASS
N5	15	15	DFT-16QAM	H	Edge_1RB_Left	24.58	18.41	38.45	PASS
N5	15	15	DFT-16QAM	H	Edge_1RB_Right	22.56	16.39	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.70	16.53	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_Full	23.13	16.96	38.45	PASS
N5	15	15	DFT-64QAM	H	Edge_1RB_Left	24.03	17.86	38.45	PASS
N5	15	15	DFT-64QAM	H	Edge_1RB_Right	22.03	15.86	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	22.09	15.92	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_Full	22.59	16.42	38.45	PASS
N5	15	15	DFT-256QAM	H	Edge_1RB_Left	22.51	16.34	38.45	PASS
N5	15	15	DFT-256QAM	H	Edge_1RB_Right	20.23	14.06	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	20.27	14.10	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_Full	20.49	14.32	38.45	PASS
N5	15	15	CP-QPSK	H	Edge_1RB_Left	20.41	14.24	38.45	PASS
N5	15	15	CP-QPSK	H	Edge_1RB_Right	22.05	15.88	38.45	PASS
N5	15	15	CP-QPSK	H	Outer_Full	21.85	15.68	38.45	PASS
N5	15	15	CP-QPSK	H	Inner_Full	21.96	15.79	38.45	PASS
N5	15	15	CP-16QAM	H	Edge_1RB_Left	23.46	17.29	38.45	PASS
N5	15	15	CP-16QAM	H	Edge_1RB_Right	21.44	15.27	38.45	PASS
N5	15	15	CP-16QAM	H	Outer_Full	21.40	15.23	38.45	PASS
N5	15	15	CP-16QAM	H	Inner_Full	22.00	15.83	38.45	PASS
N5	15	15	CP-64QAM	H	Edge_1RB_Left	22.91	16.74	38.45	PASS
N5	15	15	CP-64QAM	H	Edge_1RB_Right	21.08	14.91	38.45	PASS
N5	15	15	CP-64QAM	H	Outer_Full	21.06	14.89	38.45	PASS
N5	15	15	CP-64QAM	H	Inner_Full	21.45	15.28	38.45	PASS
N5	15	15	CP-256QAM	H	Edge_1RB_Left	21.40	15.23	38.45	PASS
N5	15	15	CP-256QAM	H	Edge_1RB_Right	18.46	12.29	38.45	PASS
N5	15	15	CP-256QAM	H	Outer_Full	18.37	12.20	38.45	PASS
N5	15	15	CP-256QAM	H	Inner_Full	18.44	12.27	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Edge_1RB_Left	18.40	12.23	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Edge_1RB_Right	24.04	17.87	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	23.87	17.70	38.45	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 4448 or website: CN.Questek.com.

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Free Trade Zone
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融胜路1号8号厂房南座 邮编: 215000

SGS Group Co., Ltd.
(86-512) 62992980 www.sgs.com
(86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 11 of 48

N5	15	20	DFT-PI2BPSK	L	Inner_Full	23.89	17.72	38.45	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Left	24.58	18.41	38.45	PASS
N5	15	20	DFT-QPSK	L	Edge_1RB_Right	24.00	17.83	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	23.71	17.54	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_Full	24.00	17.83	38.45	PASS
N5	15	20	DFT-16QAM	L	Edge_1RB_Left	24.58	18.41	38.45	PASS
N5	15	20	DFT-16QAM	L	Edge_1RB_Right	23.14	16.97	38.45	PASS
N5	15	20	DFT-16QAM	L	Outer_Full	22.82	16.65	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_Full	23.07	16.90	38.45	PASS
N5	15	20	DFT-64QAM	L	Edge_1RB_Left	23.99	17.82	38.45	PASS
N5	15	20	DFT-64QAM	L	Edge_1RB_Right	22.39	16.22	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	22.12	15.95	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_Full	22.54	16.37	38.45	PASS
N5	15	20	DFT-256QAM	L	Edge_1RB_Left	22.59	16.42	38.45	PASS
N5	15	20	DFT-256QAM	L	Edge_1RB_Right	20.40	14.23	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	20.36	14.19	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_Full	20.56	14.39	38.45	PASS
N5	15	20	CP-QPSK	L	Edge_1RB_Left	20.50	14.33	38.45	PASS
N5	15	20	CP-QPSK	L	Edge_1RB_Right	21.99	15.82	38.45	PASS
N5	15	20	CP-QPSK	L	Outer_Full	21.97	15.80	38.45	PASS
N5	15	20	CP-QPSK	L	Inner_Full	22.01	15.84	38.45	PASS
N5	15	20	CP-16QAM	L	Edge_1RB_Left	23.54	17.37	38.45	PASS
N5	15	20	CP-16QAM	L	Edge_1RB_Right	21.66	15.49	38.45	PASS
N5	15	20	CP-16QAM	L	Outer_Full	21.46	15.29	38.45	PASS
N5	15	20	CP-16QAM	L	Inner_Full	22.06	15.89	38.45	PASS
N5	15	20	CP-64QAM	L	Edge_1RB_Left	23.05	16.88	38.45	PASS
N5	15	20	CP-64QAM	L	Edge_1RB_Right	21.33	15.16	38.45	PASS
N5	15	20	CP-64QAM	L	Outer_Full	21.06	14.89	38.45	PASS
N5	15	20	CP-64QAM	L	Inner_Full	21.54	15.37	38.45	PASS
N5	15	20	CP-256QAM	L	Edge_1RB_Left	21.56	15.39	38.45	PASS
N5	15	20	CP-256QAM	L	Edge_1RB_Right	18.26	12.09	38.45	PASS
N5	15	20	CP-256QAM	L	Outer_Full	18.52	12.35	38.45	PASS
N5	15	20	CP-256QAM	L	Inner_Full	18.58	12.41	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Edge_1RB_Left	18.56	12.39	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Edge_1RB_Right	24.08	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	23.84	17.67	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_Full	23.91	17.74	38.45	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 4443 or email: QA.Documents@sgs.com.

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou, Jiangsu, China (Jiangsu) Free Trade Zone
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融生路1号8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.: SUAR/2021/B000702

Rev.: 01

Page: 12 of 48

N5	15	20	DFT-QPSK	M	Edge_1RB_Left	24.51	18.34	38.45	PASS
N5	15	20	DFT-QPSK	M	Edge_1RB_Right	24.00	17.83	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	23.77	17.60	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_Full	24.02	17.85	38.45	PASS
N5	15	20	DFT-16QAM	M	Edge_1RB_Left	24.52	18.35	38.45	PASS
N5	15	20	DFT-16QAM	M	Edge_1RB_Right	23.12	16.95	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	22.88	16.71	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_Full	23.09	16.92	38.45	PASS
N5	15	20	DFT-64QAM	M	Edge_1RB_Left	24.11	17.94	38.45	PASS
N5	15	20	DFT-64QAM	M	Edge_1RB_Right	22.38	16.21	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	22.18	16.01	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_Full	22.50	16.33	38.45	PASS
N5	15	20	DFT-256QAM	M	Edge_1RB_Left	22.59	16.42	38.45	PASS
N5	15	20	DFT-256QAM	M	Edge_1RB_Right	20.63	14.46	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	20.40	14.23	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_Full	20.52	14.35	38.45	PASS
N5	15	20	CP-QPSK	M	Edge_1RB_Left	20.49	14.32	38.45	PASS
N5	15	20	CP-QPSK	M	Edge_1RB_Right	22.00	15.83	38.45	PASS
N5	15	20	CP-QPSK	M	Outer_Full	22.12	15.95	38.45	PASS
N5	15	20	CP-QPSK	M	Inner_Full	21.94	15.77	38.45	PASS
N5	15	20	CP-16QAM	M	Edge_1RB_Left	23.56	17.39	38.45	PASS
N5	15	20	CP-16QAM	M	Edge_1RB_Right	21.69	15.52	38.45	PASS
N5	15	20	CP-16QAM	M	Outer_Full	21.58	15.41	38.45	PASS
N5	15	20	CP-16QAM	M	Inner_Full	21.96	15.79	38.45	PASS
N5	15	20	CP-64QAM	M	Edge_1RB_Left	23.06	16.89	38.45	PASS
N5	15	20	CP-64QAM	M	Edge_1RB_Right	21.36	15.19	38.45	PASS
N5	15	20	CP-64QAM	M	Outer_Full	21.28	15.11	38.45	PASS
N5	15	20	CP-64QAM	M	Inner_Full	21.50	15.33	38.45	PASS
N5	15	20	CP-256QAM	M	Edge_1RB_Left	21.62	15.45	38.45	PASS
N5	15	20	CP-256QAM	M	Edge_1RB_Right	18.65	12.48	38.45	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.46	12.29	38.45	PASS
N5	15	20	CP-256QAM	M	Inner_Full	18.49	12.32	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Edge_1RB_Left	18.58	12.41	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Edge_1RB_Right	24.00	17.83	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	23.87	17.70	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_Full	24.05	17.88	38.45	PASS
N5	15	20	DFT-QPSK	H	Edge_1RB_Left	24.53	18.36	38.45	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 4443 or email: QA.Docs@sgs.com.
 South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou, China (Jiangsu) PRC 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融生路1号8号厂房南座 邮编: 215000
 t (86-512) 62992980 www.sgs.com
 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 13 of 48

N5	15	20	DFT-QPSK	H	Edge_1RB_Right	23.59	17.42	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	23.76	17.59	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_Full	23.95	17.78	38.45	PASS
N5	15	20	DFT-16QAM	H	Edge_1RB_Left	24.56	18.39	38.45	PASS
N5	15	20	DFT-16QAM	H	Edge_1RB_Right	22.80	16.63	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	22.88	16.71	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_Full	23.01	16.84	38.45	PASS
N5	15	20	DFT-64QAM	H	Edge_1RB_Left	24.07	17.90	38.45	PASS
N5	15	20	DFT-64QAM	H	Edge_1RB_Right	22.02	15.85	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	22.01	15.84	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_Full	22.52	16.35	38.45	PASS
N5	15	20	DFT-256QAM	H	Edge_1RB_Left	22.48	16.31	38.45	PASS
N5	15	20	DFT-256QAM	H	Edge_1RB_Right	20.53	14.36	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	20.45	14.28	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_Full	20.64	14.47	38.45	PASS
N5	15	20	CP-QPSK	H	Edge_1RB_Left	20.59	14.42	38.45	PASS
N5	15	20	CP-QPSK	H	Edge_1RB_Right	22.17	16.00	38.45	PASS
N5	15	20	CP-QPSK	H	Outer_Full	21.92	15.75	38.45	PASS
N5	15	20	CP-QPSK	H	Inner_Full	22.14	15.97	38.45	PASS
N5	15	20	CP-16QAM	H	Edge_1RB_Left	23.54	17.37	38.45	PASS
N5	15	20	CP-16QAM	H	Edge_1RB_Right	21.70	15.53	38.45	PASS
N5	15	20	CP-16QAM	H	Outer_Full	21.62	15.45	38.45	PASS
N5	15	20	CP-16QAM	H	Inner_Full	22.12	15.95	38.45	PASS
N5	15	20	CP-64QAM	H	Edge_1RB_Left	23.07	16.90	38.45	PASS
N5	15	20	CP-64QAM	H	Edge_1RB_Right	21.36	15.19	38.45	PASS
N5	15	20	CP-64QAM	H	Outer_Full	21.26	15.09	38.45	PASS
N5	15	20	CP-64QAM	H	Inner_Full	21.54	15.37	38.45	PASS
N5	15	20	CP-256QAM	H	Edge_1RB_Left	21.57	15.40	38.45	PASS
N5	15	20	CP-256QAM	H	Edge_1RB_Right	18.62	12.45	38.45	PASS
N5	15	20	CP-256QAM	H	Outer_Full	18.48	12.31	38.45	PASS
N5	15	20	CP-256QAM	H	Inner_Full	18.55	12.38	38.45	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)8907 8448 or website: CN.Docsfresh@sgs.com
 South of No. 8 Road, 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阳澄湖1号路8号广厦南座 邮编: 215000 t: (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

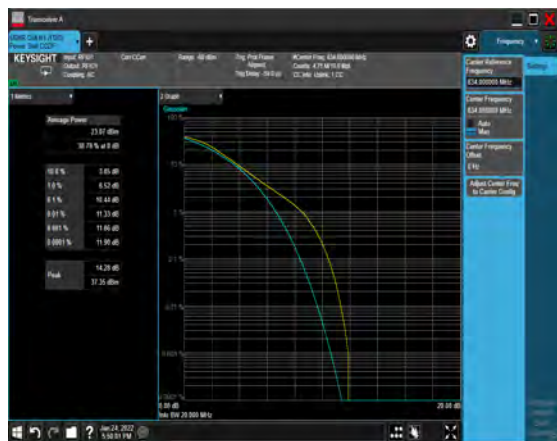
Rev.: 01

Page: 14 of 48

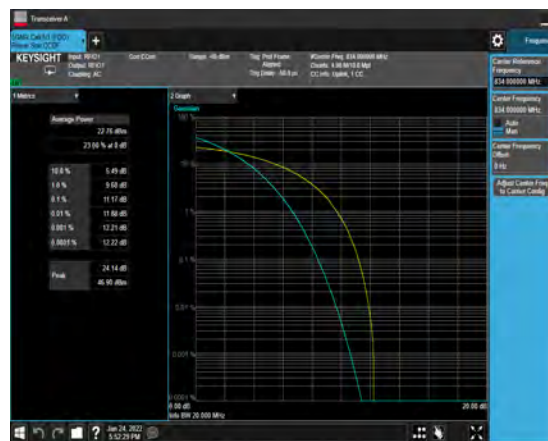
Peak-to-Average Ratio for SA

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	10.44	≤13	PASS
N5	15	20	CP-QPSK	M	Outer_Full	11.17	≤13	PASS

Test Graphs



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full



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)83073443 or website: CN.Docsfree@sgs.com

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海一路8号广融南楼 邮编: 215000

1 (86-512) 62992980 www.sgs.com
1 (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 15 of 48

Modulation characteristics for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	see graph	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	see graph	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	see graph	PASS
N5	15	20	CP-QPSK	M	Outer_Full	see graph	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)8392 8848 or website: CN.Docscheck@sgs.com

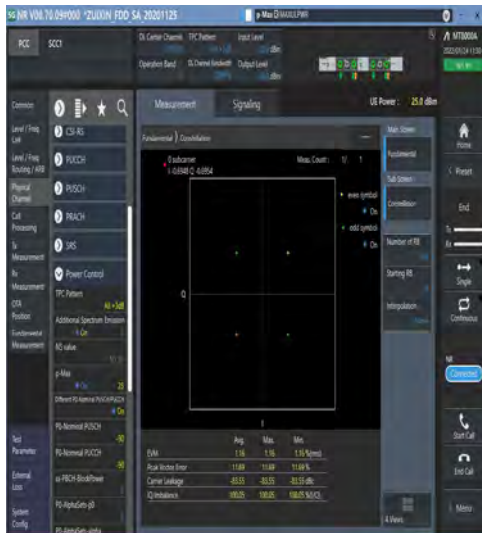
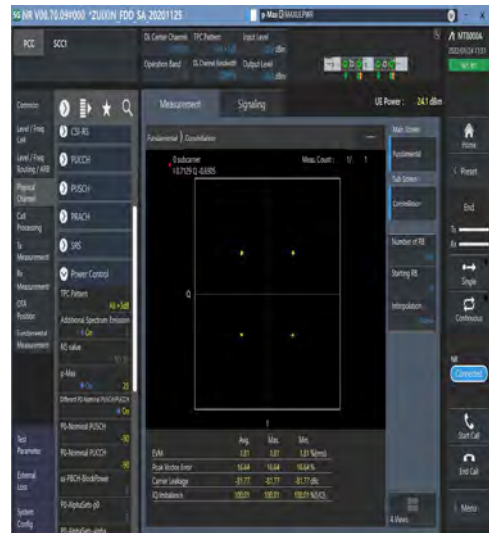
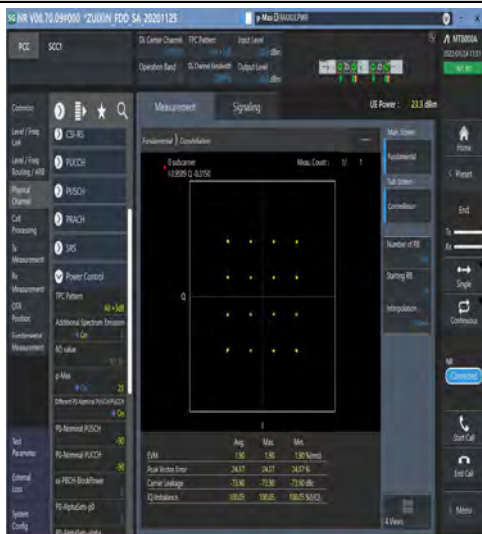
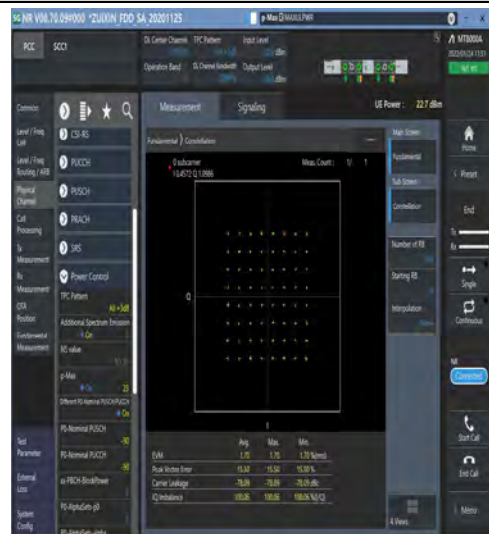
South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区仁爱路1号的8号广聚南都 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 16 of 48

Test Graphs

1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-100
@0-Ant1-see graph-PASS1-N5-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@
0-Ant1-see graph-PASS1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@
0-Ant1-see graph-PASS1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100
@0-Ant1-see graph-PASS

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

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 4444 or website: CN.Questekhs.com

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海路1号4号厂房南楼 邮编: 215000

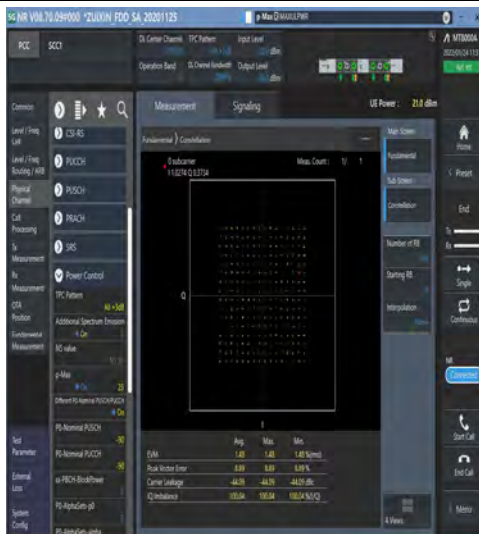
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

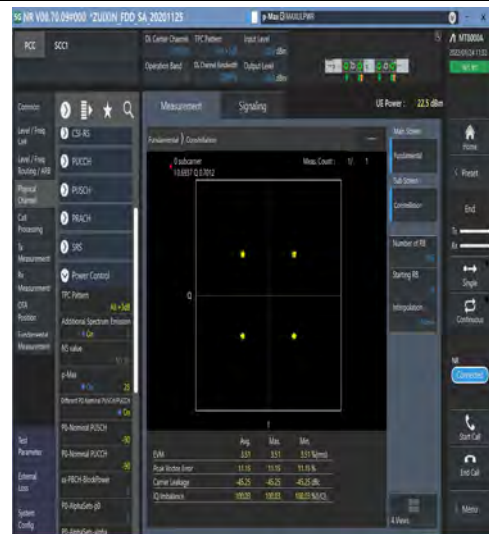
Report No.: SUAR/2021/B000702

Rev.: 01

Page: 17 of 48



1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-see graph-PASS



1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-
Ant1-see graph-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed on the reverse side of this document. This document is 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. 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 and criminal penalties. Samples of documents otherwise stated 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号的6号厂房南部 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 18 of 48

26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N5	15	5	DFT-QPSK	M	Outer_Full	4.486	5.080	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.477	5.110	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.475	5.030	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.491	5.150	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.484	5.090	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.474	5.120	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.484	5.160	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.478	5.140	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.491	5.170	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	8.948	9.720	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.946	9.800	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.95	9.660	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.934	9.800	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.941	9.720	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.309	10.200	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.283	10.140	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.304	10.180	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.3	10.140	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.498	14.430	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.424	14.430	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.465	14.610	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.43	14.490	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.432	14.430	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.126	15.210	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.106	15.210	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.136	15.210	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.146	15.330	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.832	18.920	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.853	19.000	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	17.857	18.840	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.831	18.960	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.868	18.920	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 5448 or website: CN.Docs@sgs.com.

South of No. 8 Road, 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胜浦路1号8号广德南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 19 of 48

N5	15	20	CP-QPSK	M	Outer_Full	18.9	20.120	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.927	20.200	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.911	20.200	PASS
N5	15	20	CP-256QAM	M	Outer_Full	18.89	20.080	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) 8392 3443 or website: CN.Docscheck.sgs.com

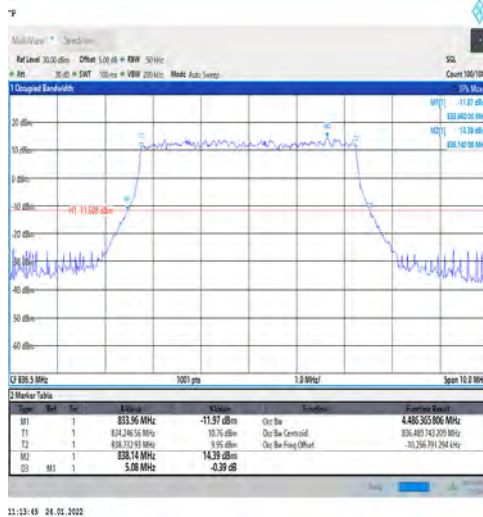
South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区胜浦路8号广茂南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

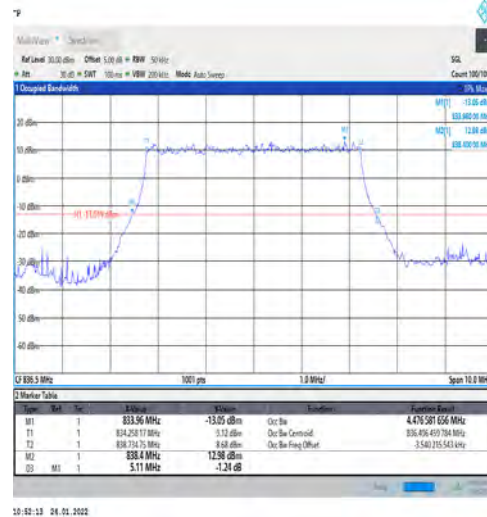
Rev.: 01

Page: 20 of 48

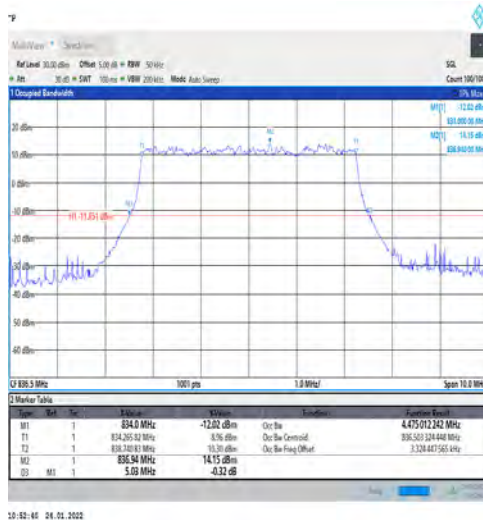
Test Graphs



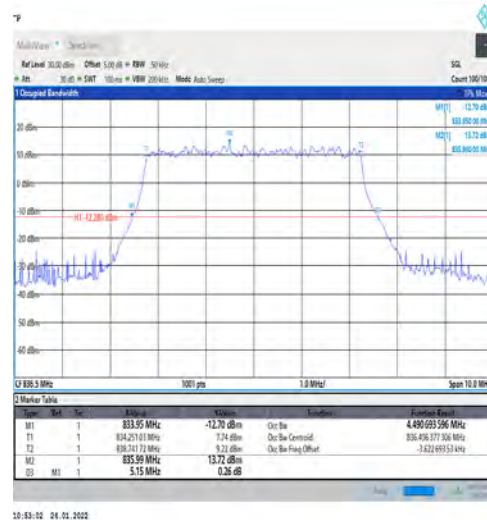
1-N5-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-A
nt1-4.486-5.080≤5-PASS



1-N5-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0
-Ant1-4.477-5.110≤5-PASS



1-N5-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-
Ant1-4.475-5.030≤5-PASS



1-N5-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-
Ant1-4.491-5.150≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Conditions.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) 8507 1144 or email: ctm_dcs@sgs.com.cn

South of No. 8 Road, No. 1, Rongsheng 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融生路1号8号广研南楼 邮编: 215000

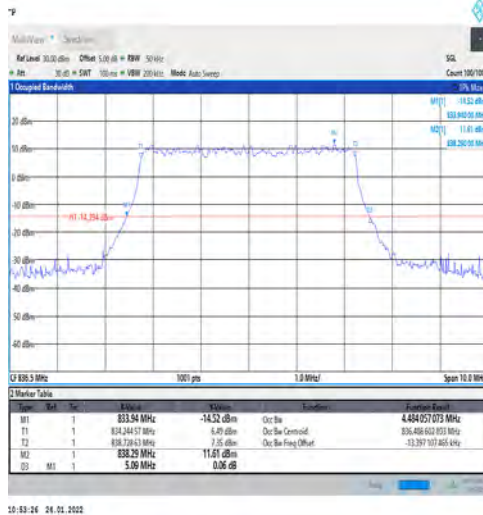
(86-512) 62992980 www.sgs.com
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

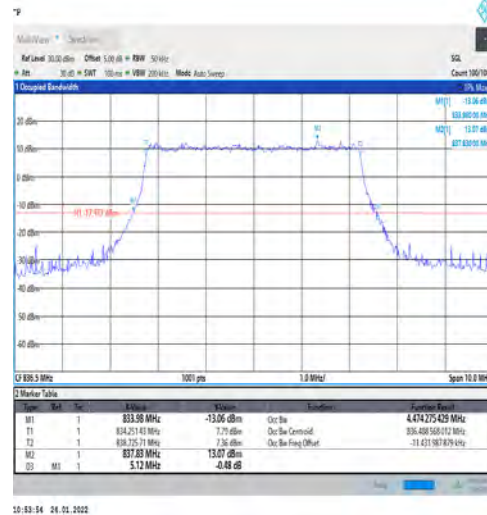
Report No.: SUAR/2021/B000702

Rev.: 01

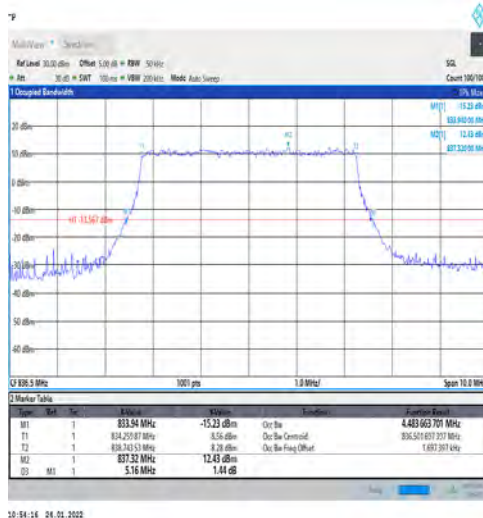
Page: 21 of 48



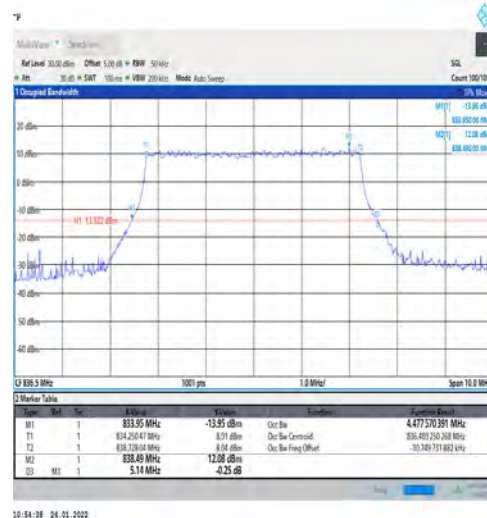
1-N5-PC3-15-5-M-5-DFT-256QAM-Outet_Full-25@0-Ant1-4.484-5.090-≤5-PASS



1-N5-PC3-15-5-M-6-CP-QPSK-Outet_Full-25@0-Ant1-4.474-5.120-≤5-PASS



1-N5-PC3-15-5-M-7-CP-16QAM-Outet_Full-25@0-Ant1-4.484-5.160-≤5-PASS



1-N5-PC3-15-5-M-8-CP-64QAM-Outet_Full-25@0-Ant1-4.478-5.140-≤5-PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-and-Conditions.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 1448 or website: www.sgs.com or www.sgs.com.cn

South of No. 6 Road, No. 1, Rongsheng 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1号6号厂房南楼 邮编: 215000

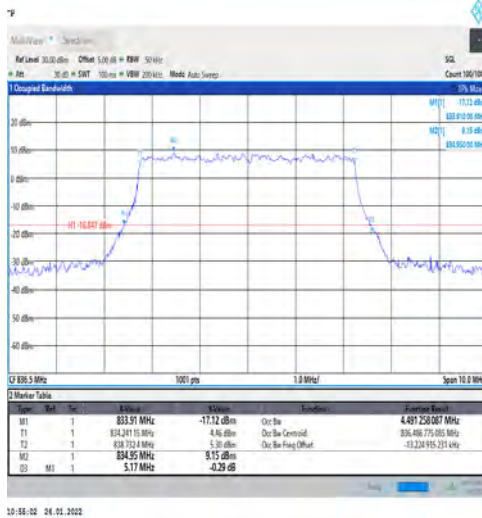
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702

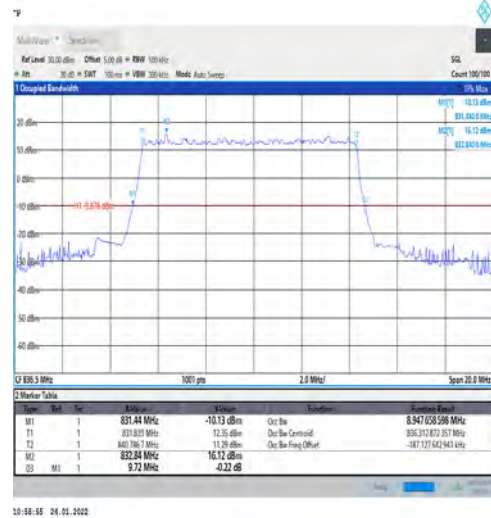
Rev.: 01

Page: 22 of 48



10-08-02 24.01.2022

1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-A
Ant1-4.491-5.170≤5-PASS



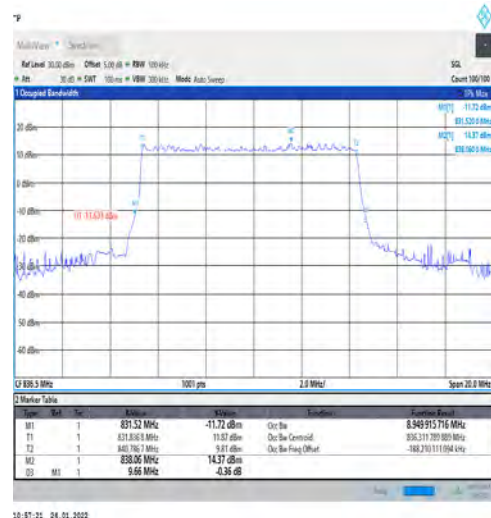
10-08-02 24.01.2022

1-N5-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0-
Ant1-8.948-9.720≤10-PASS



10-08-02 24.01.2022

1-N5-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.946-9.800≤10-PASS



10-07-21 24.01.2022

1-N5-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.95-9.660≤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 1448 or website: www.sgs.com

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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8号广德南楼 邮编: 215000

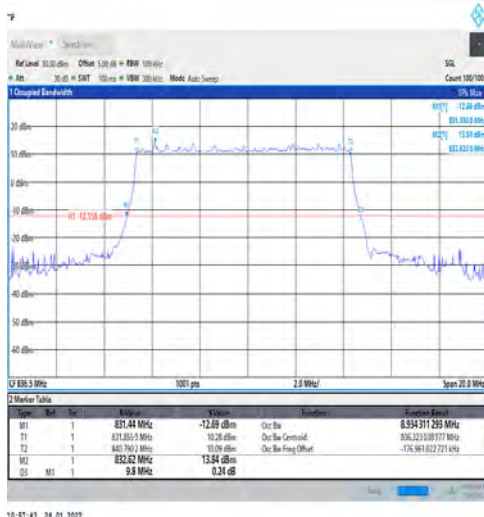
(86-512) 62992980 www.sgs.com
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

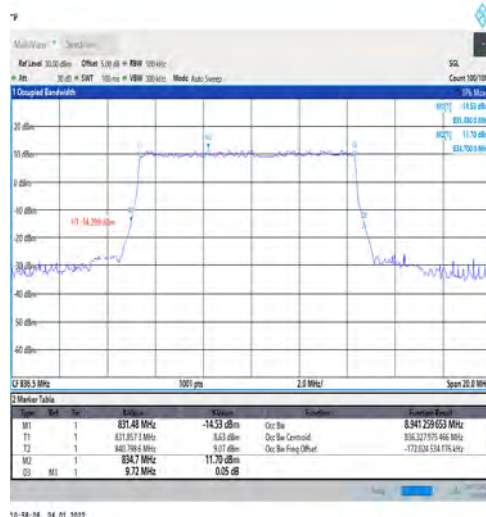
Report No.: SUAR/2021/B000702

Rev.: 01

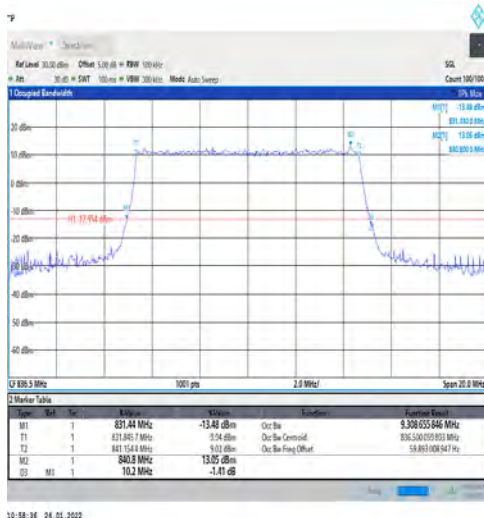
Page: 23 of 48



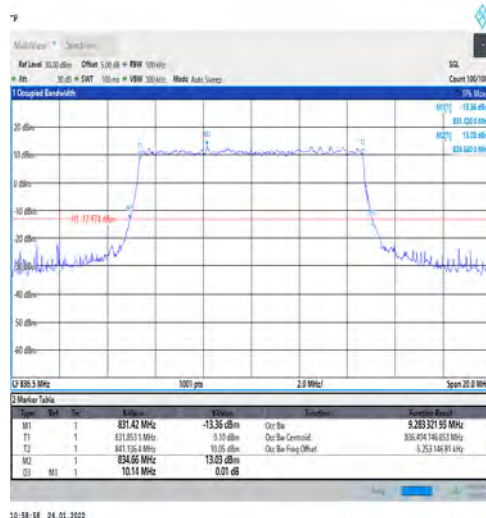
1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.934-9.800≤10-PASS



1-N5-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.941-9.720≤10-PASS



1-N5-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.309-10.200≤10-PASS



1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.283-10.140≤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 3448 or email: CMA.Docs@sgs.com

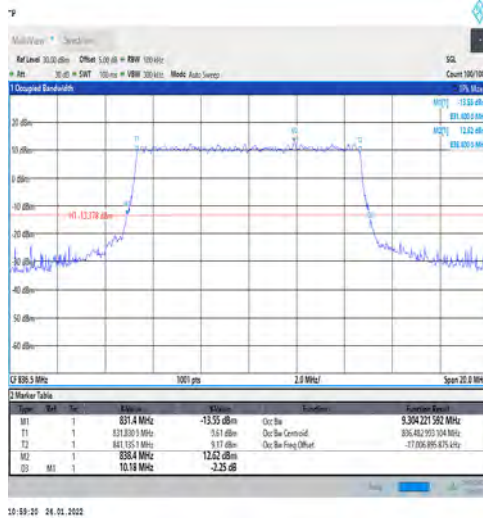
South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区星海一路8号广德南 邮编: 215000

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

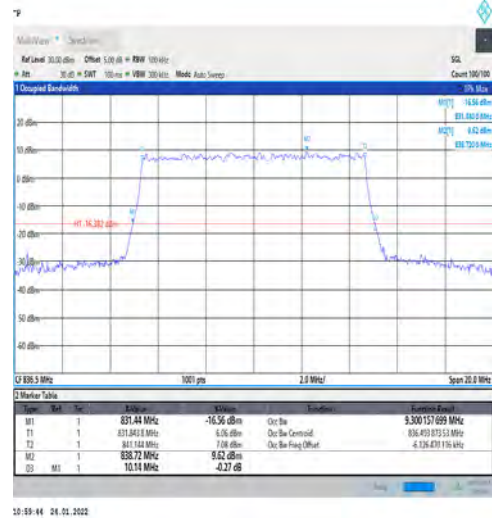
Report No.: SUAR/2021/B000702

Rev.: 01

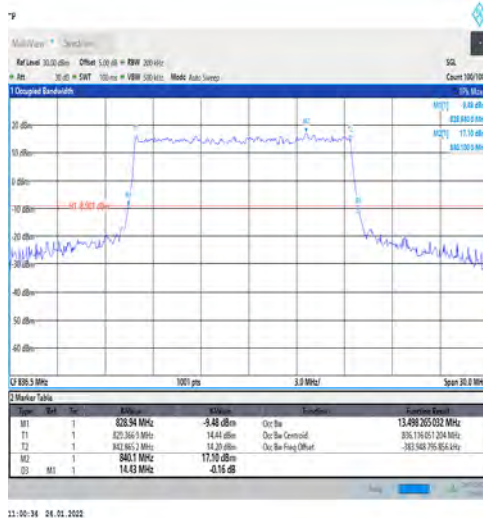
Page: 24 of 48



1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0
-Ant1-9.304-10.180-≤10-PASS



1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-
Ant1-9.3-10.140-≤10-PASS



1-N5-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-
Ant1-13.498-14.430-≤15-PASS



1-N5-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@
0-Ant1-13.424-14.430-≤15-PASS



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

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8507 1448 or email: CMA.Docs@sgs.com

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海路1号8号厂房南座 邮编: 215000

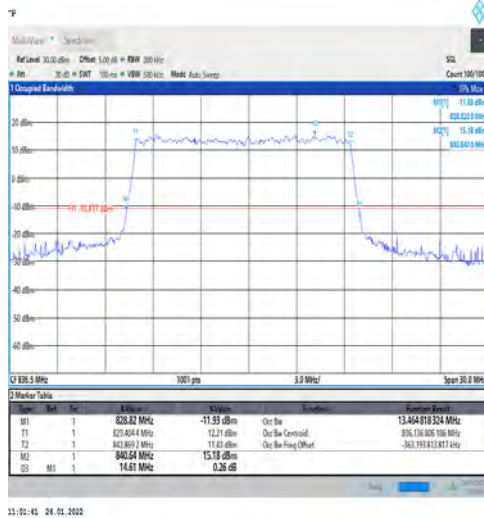
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

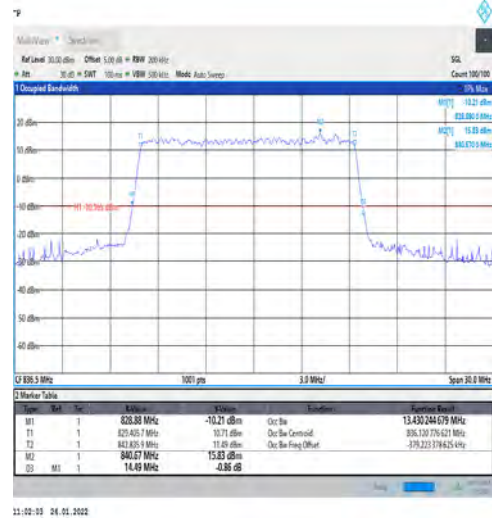
Report No.: SUAR/2021/B000702

Rev.: 01

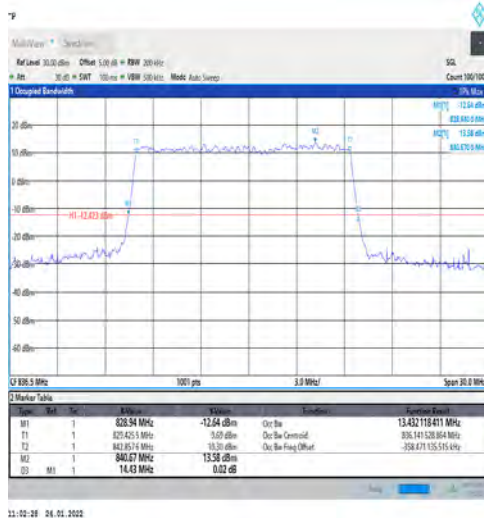
Page: 25 of 48



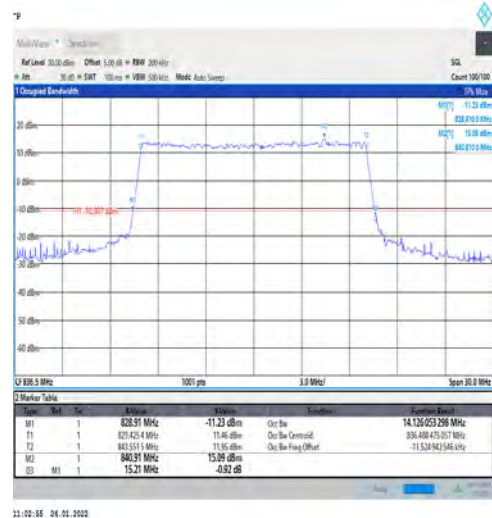
1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.465-14.610-≤15-PASS



1-N5-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-13.43-14.490-≤15-PASS



1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.432-14.430-≤15-PASS



1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.126-15.210-≤15-PASS



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

Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1448 or website: www.sgs.com or www.sgs.com.cn

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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8号广德南楼 邮编: 215000

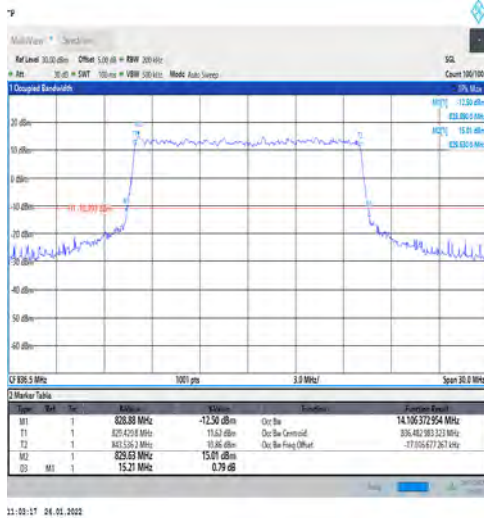
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

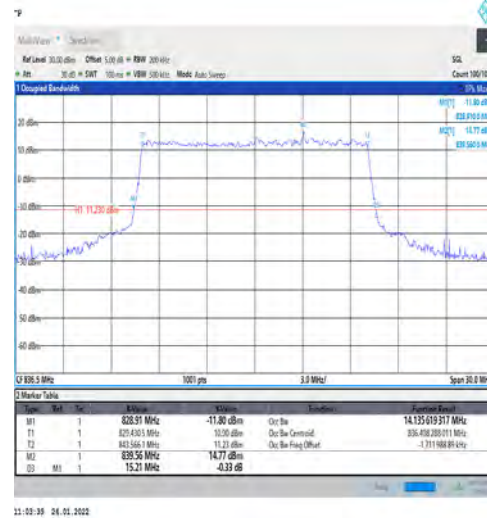
Report No.: SUAR/2021/B000702

Rev.: 01

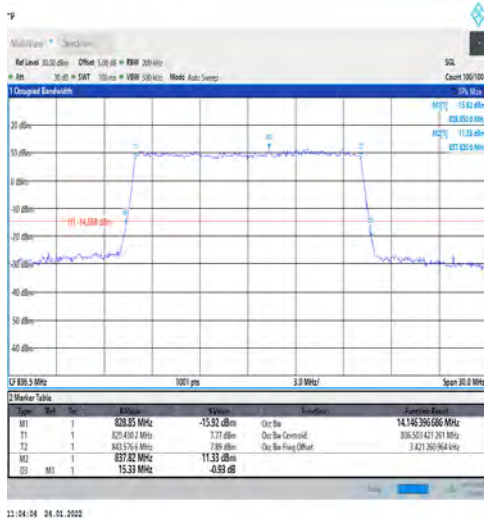
Page: 26 of 48



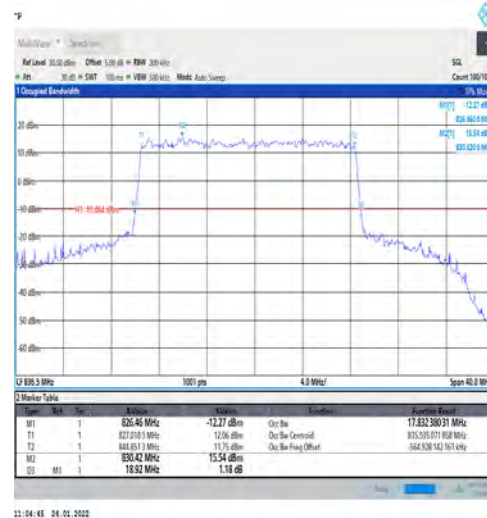
1-N5-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-
Ant1-14.106-15.210-≤15-PASS



1-N5-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-
Ant1-14.136-15.210-≤15-PASS



1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-
Ant1-14.146-15.330-≤15-PASS



1-N5-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0-
Ant1-17.832-18.920-≤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 1444 or email: CMA.Docs@sgs.com

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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通盛路1号4号厂房南座 邮编: 215000

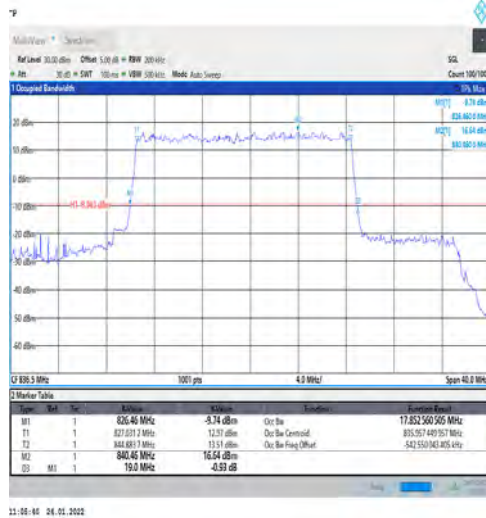
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

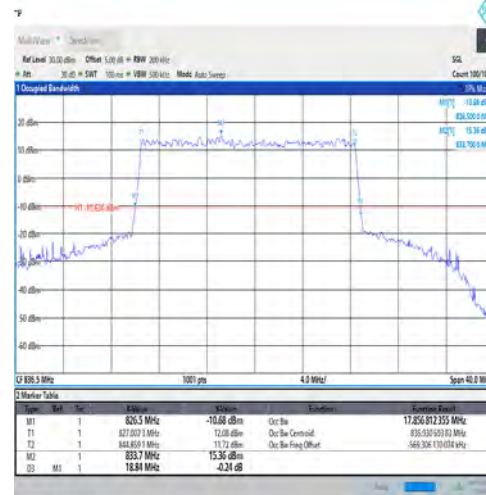
Report No.: SUAR/2021/B000702

Rev.: 01

Page: 27 of 48



11-06-01 26.01.2022

1-N5-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-100
@0-Ant1-17.853-19.000-≤20-PASS

11-06-14 26.01.2022

1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@
0-Ant1-17.857-18.840-≤20-PASS

11-06-28 26.01.2022

1-N5-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@
0-Ant1-17.831-18.960-≤20-PASS

11-07-01 26.01.2022

1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100
@0-Ant1-17.868-18.920-≤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)8307344 or email: CMA.Docs@sgs.com

South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海一路8号广研南都 邮编: 215000

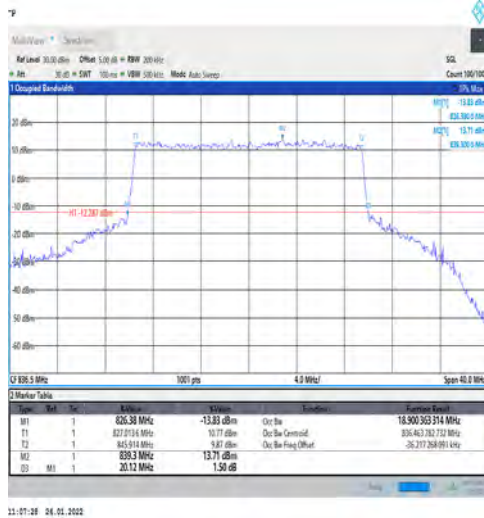
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

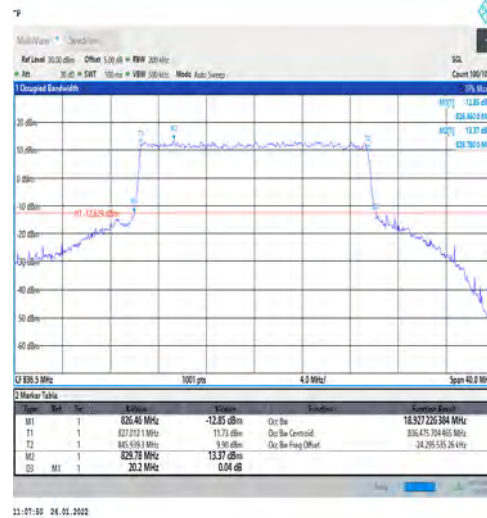
Report No.: SUAR/2021/B000702

Rev.: 01

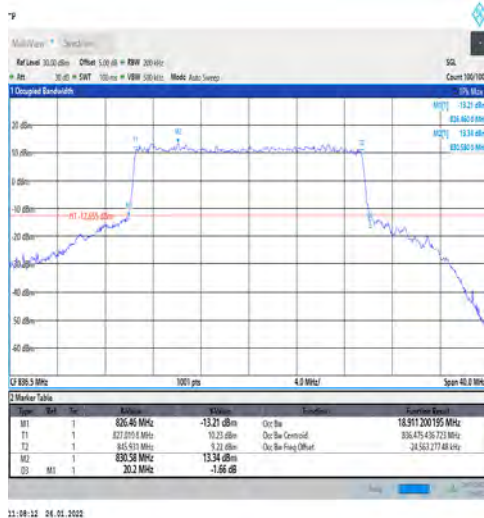
Page: 28 of 48



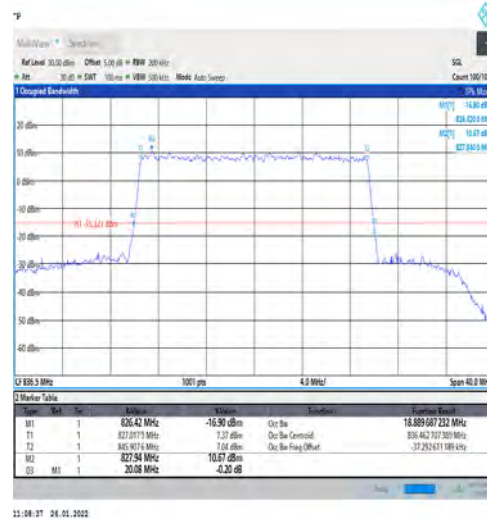
1-N5-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.9-20.120-≤20-PASS



1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-18.927-20.200-≤20-PASS



1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.911-20.200-≤20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-18.89-20.080-≤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 1448 or email: CMA.Docs@sgs.com

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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通盛路1号8号厂房南座 邮编: 215000

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

Member of the SGS Group (SGS SA)

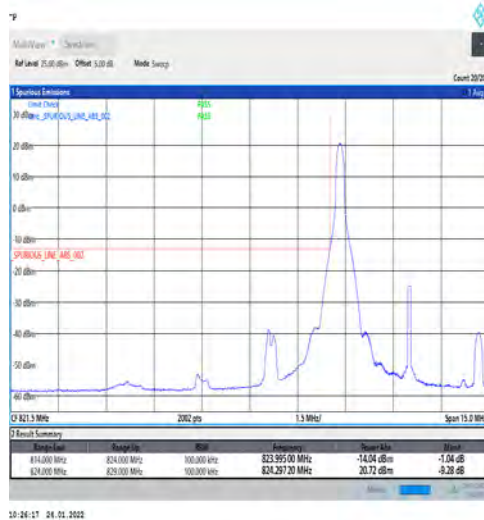
Report No.: SUAR/2021/B000702

Rev.: 01

Page: 29 of 48

Band Edge for SA

Test Graphs



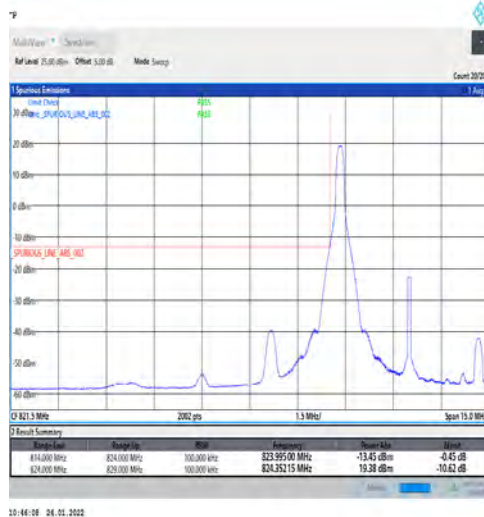
10-24-17 24.01.2022

1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant1-seegraph-PASS-see graph



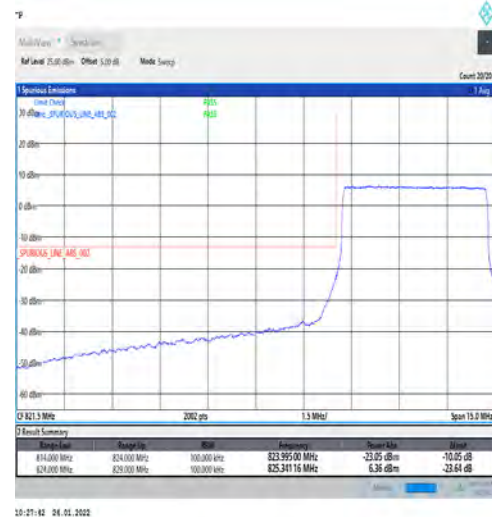
10-24-18 24.01.2022

1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25
@0-Ant1-seegraph-PASS-see graph



10-44-18 24.01.2022

1-N5-PC3-15-5-L-4-CP-QPSK-Edge_1RB_Left-1@0-A
nt1-seegraph-PASS-see graph



10-21-82 24.01.2022

1-N5-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-A
nt1-seegraph-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) 8507 5448 or email: CMA.Docs@sgs.com

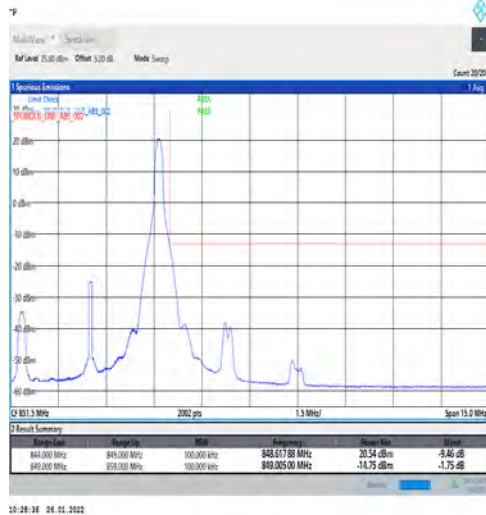
South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区胜浦路1号8号厂房南座 邮编: 215000

Member of the SGS Group (SGS SA)

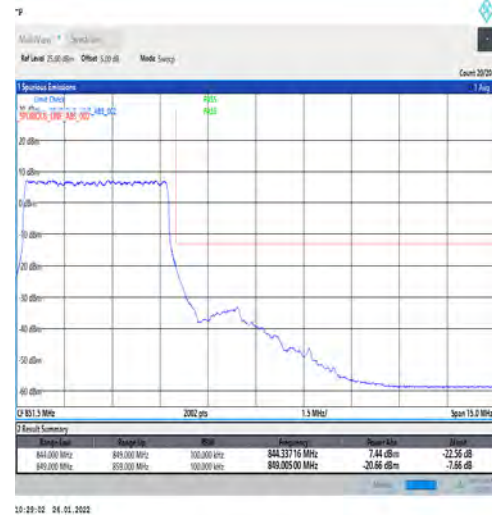
Report No.: SUAR/2021/B000702

Rev.: 01

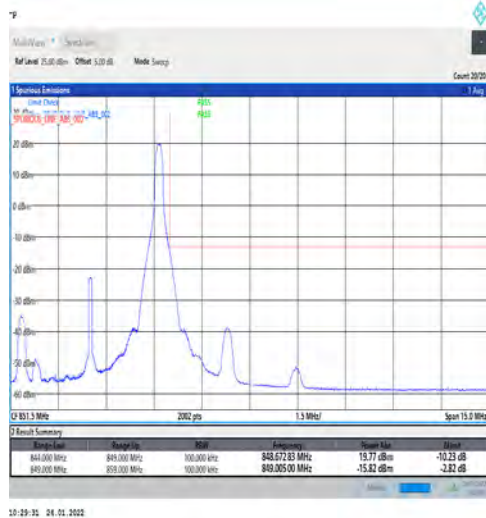
Page: 30 of 48



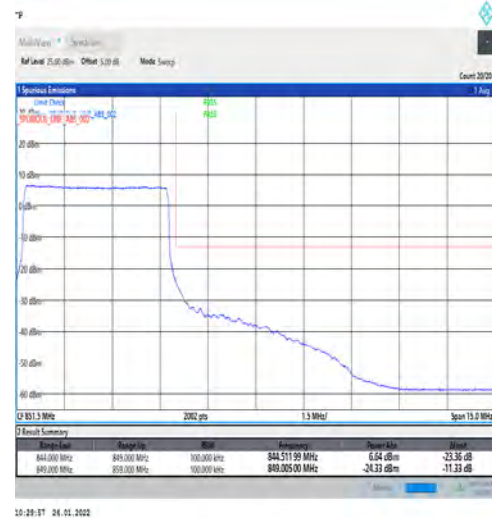
1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1
@24-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25
@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@2
4-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-seegraph-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)8507 1448 or email: CMA.Docs@sgs.com

South of No. 6 Road, 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苏州工业园区跨塘路1号4号厂房南座 邮编: 215000

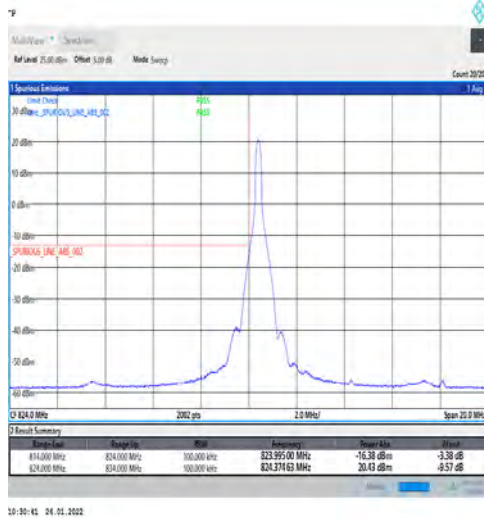
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702

Rev.: 01

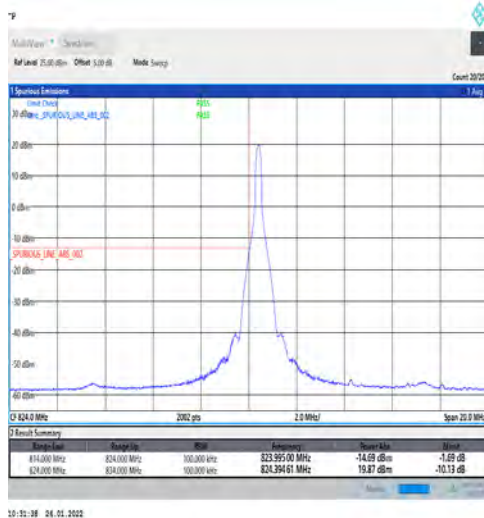
Page: 31 of 48



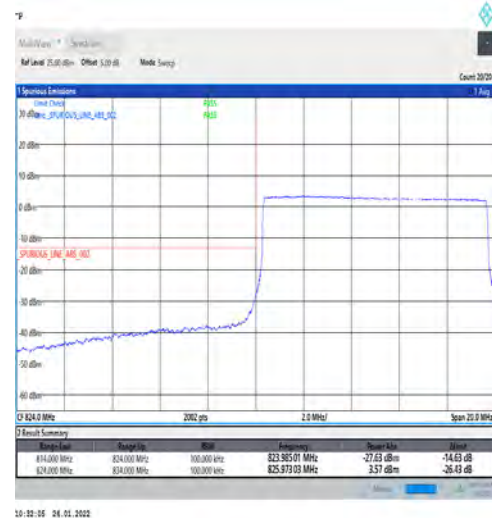
1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50
@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-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 1441 or website: CMA.DOCESITE.COM

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海一路8号广厦南座 邮编: 215000

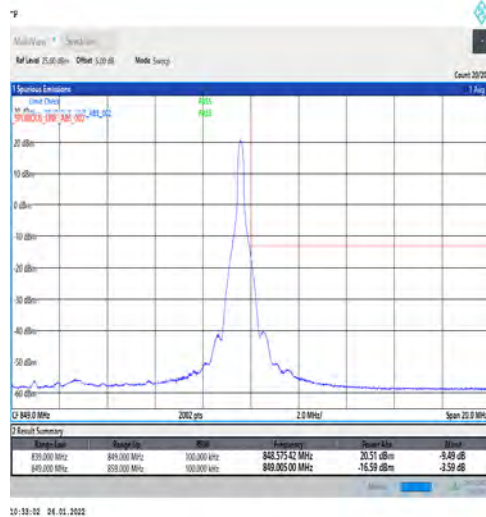
(86-512) 62992980 www.sgs.com.cn
(86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702

Rev.: 01

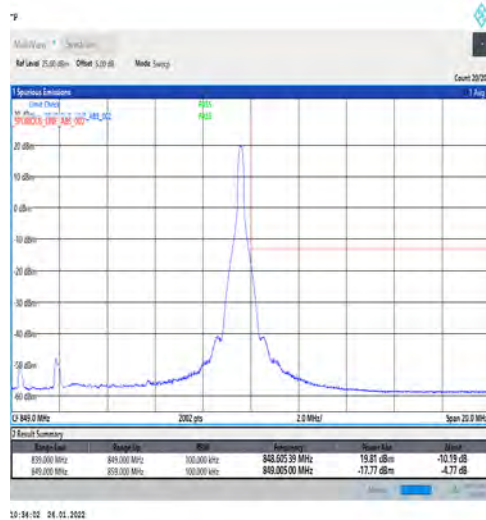
Page: 32 of 48



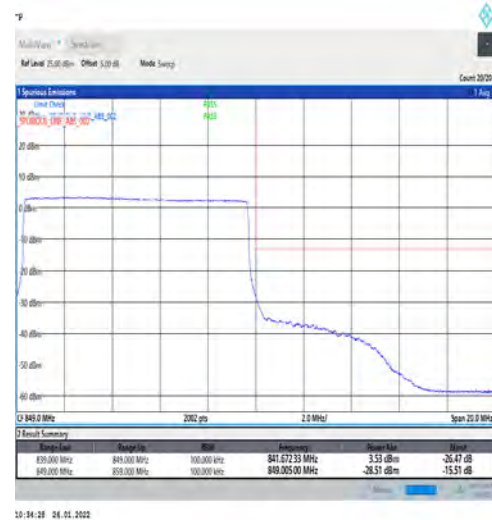
1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-seegraph-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.

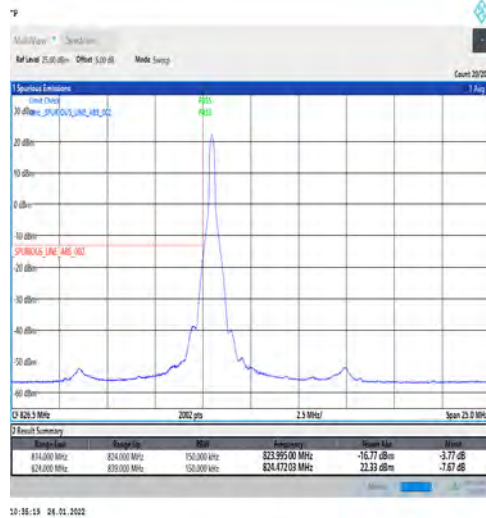
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)83071444 or website: CN.Docscheck@sgs.com

South of No. 6 Road, 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胜浦路1号6号厂房南座 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com

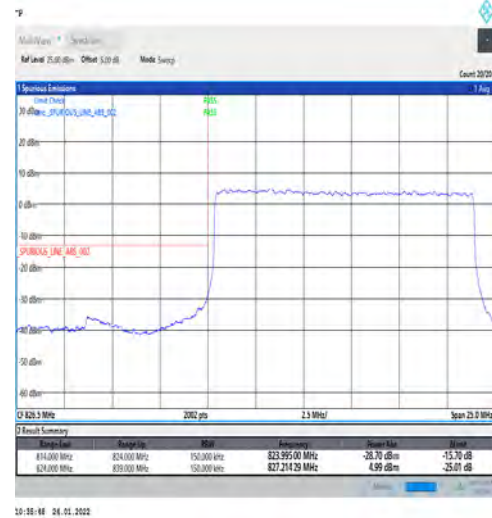
Report No.: SUAR/2021/B000702

Rev.: 01

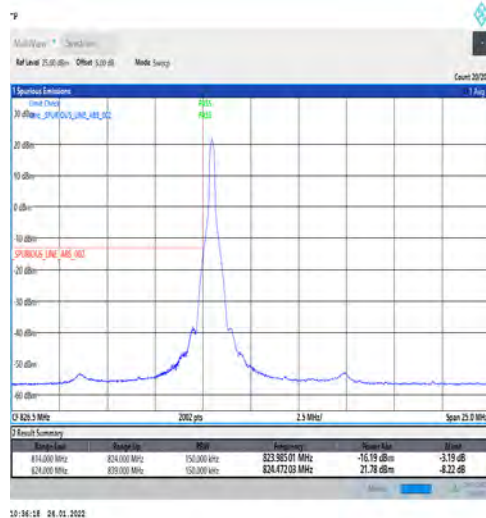
Page: 33 of 48



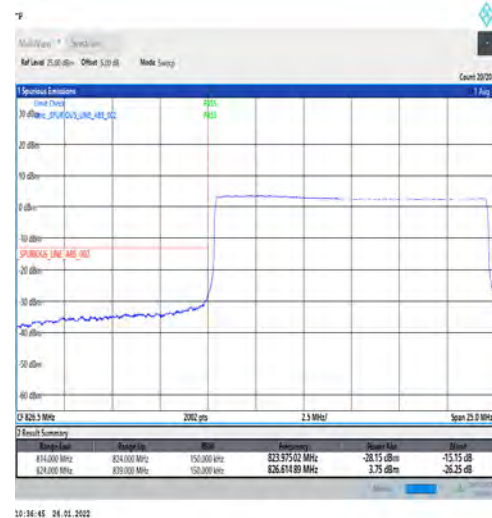
1-N5-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75
@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-seegraph-PASS-see graph



1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-seegraph-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 1144 or email: CMA.DOC@sgs.com

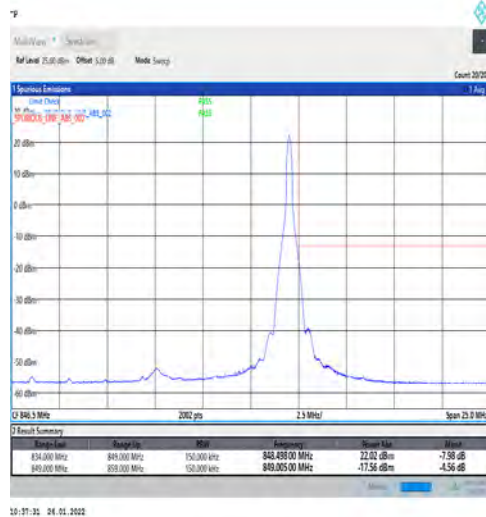
South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区胜浦路1号8号广研南楼 邮编: 215000

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

Report No.: SUAR/2021/B000702

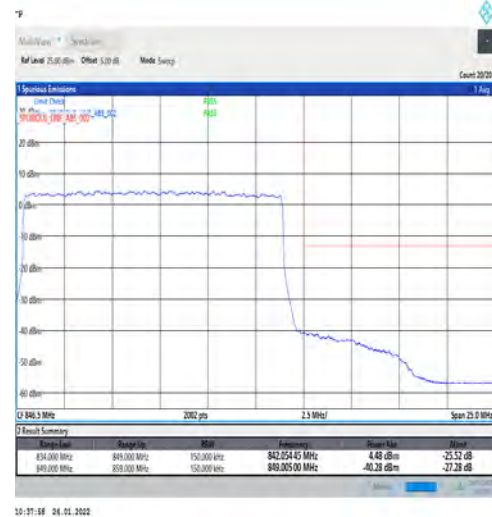
Rev.: 01

Page: 34 of 48



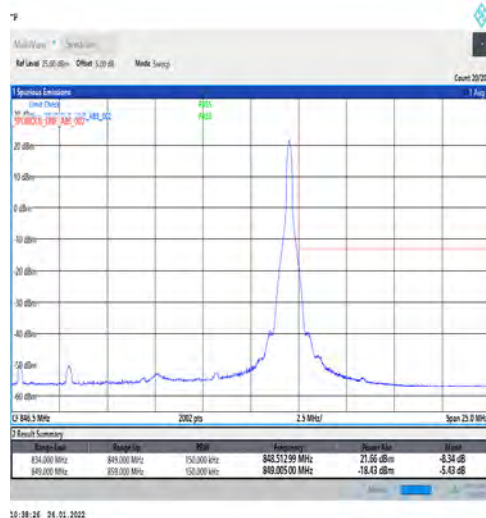
10-17-31 24.01.2022

1-N5-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph



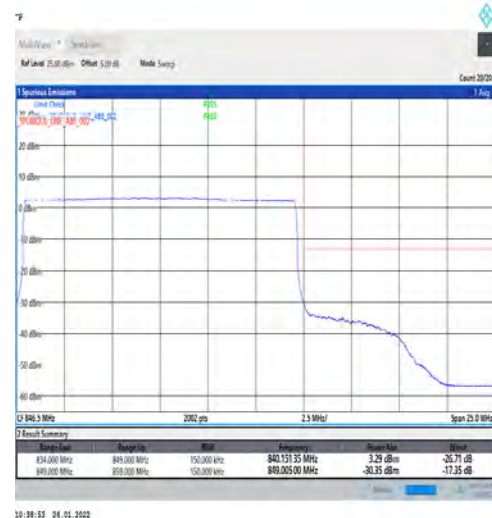
10-17-18 24.01.2022

1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-seegraph-PASS-see graph



10-18-24 24.01.2022

1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-seegraph-PASS-see graph



10-18-13 24.01.2022

1-N5-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-seegraph-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)83071448 or website: www.sgs.com

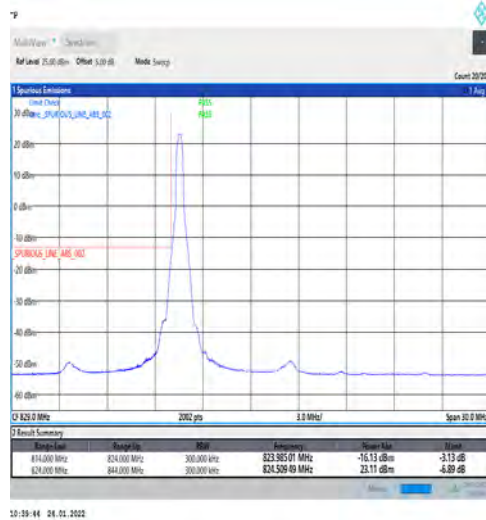
South of No. 6 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
 中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区星海一路1号4号厂房南楼 邮编: 215000

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

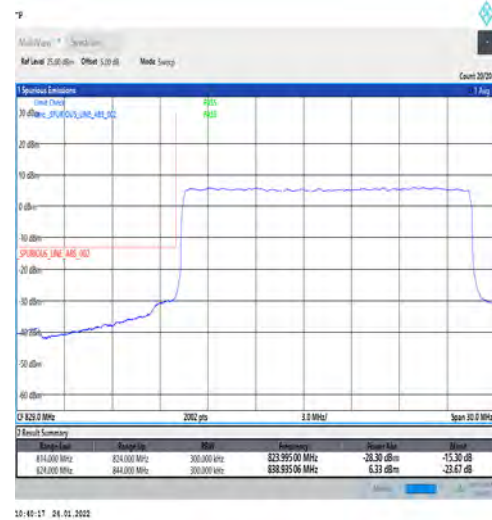
Report No.: SUAR/2021/B000702

Rev.: 01

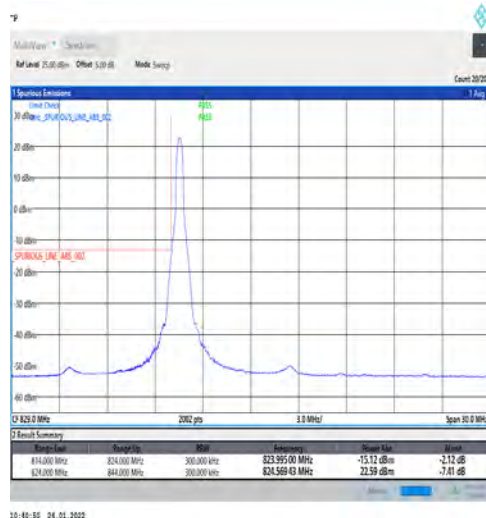
Page: 35 of 48



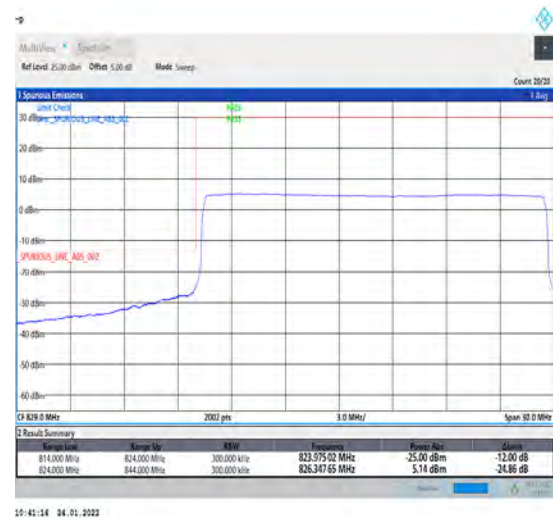
10-28-44 26.01.2022

1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1
@0-Ant1-seegraph-PASS-see graph

10-40-17 26.01.2022

1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-10
0@0-Ant1-seegraph-PASS-see graph

10-40-50 26.01.2022

1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-
Ant1-seegraph-PASS-see graph

10-42-14 26.01.2022

1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0
-Ant1-seegraph-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 1448 or email: CMA.DOC@sgs.com

South of No. 8 Road, No. 1, Rongsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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8号南侧 邮编: 215000

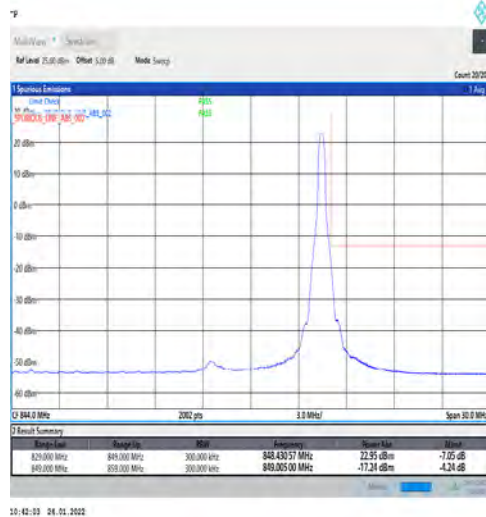
T: (86-512) 62992980 www.sgs.com.cn
F: (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702

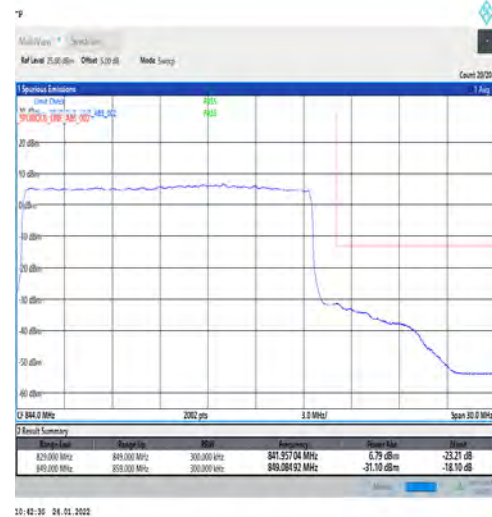
Rev.: 01

Page: 36 of 48



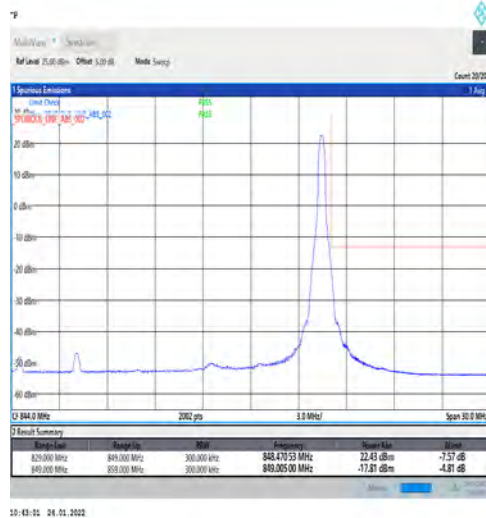
10-42-33 24.01.2022

1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph



10-42-35 24.01.2022

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-seegraph-PASS-see graph



10-43-01 24.01.2022

1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-seegraph-PASS-see graph



10-43-35 24.01.2022

1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-seegraph-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)85071448 or website: CN.Docscheck@sgs.com

South of No. 8 Plant, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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同胜路1号8号厂房南座 邮编: 215000

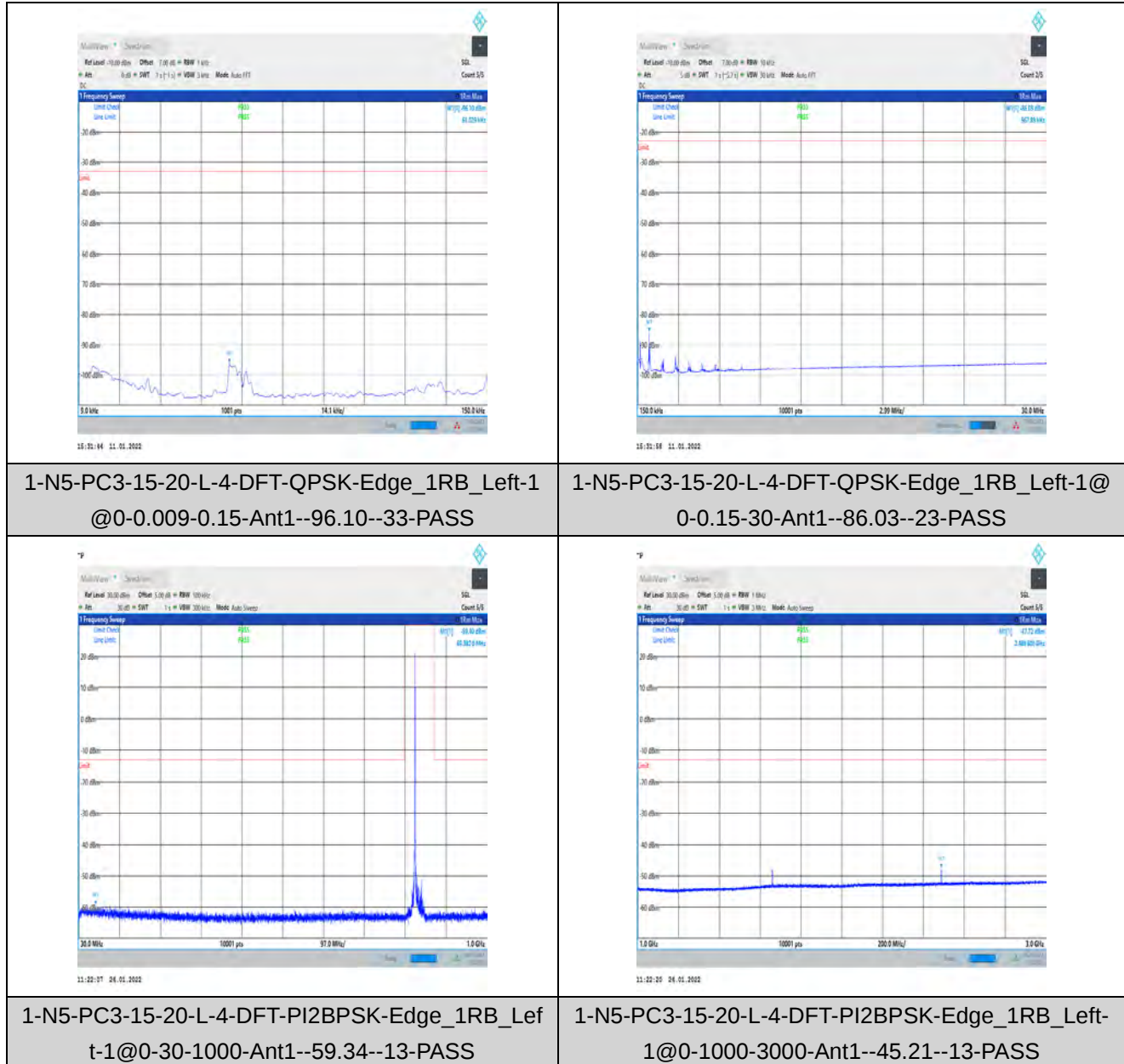
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702
Rev.: 01
Page: 37 of 48

Conducted Spurious Emission for SA

Test Graphs



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 4448 or website: www.sgs.com

South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区跨塘路1号的8号广德南都 邮编: 215000

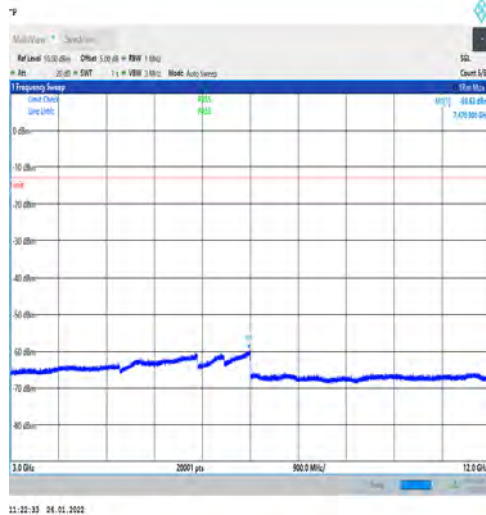
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 38 of 48



1-N5-PC3-15-20-L-4-DFT-PI2BPSK-Edge_1RB_Left-1@0
-3000-12000-Ant1--59.75--13-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8302 1448 or website: CN.Docsfree@sgs.com

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区跨塘1号4号厂房南座 邮编: 215000

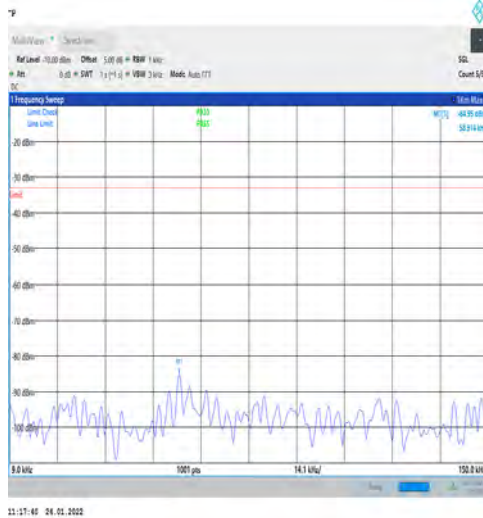
Tel: (86-512) 62992980 www.sgs.com.cn
Tel: (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

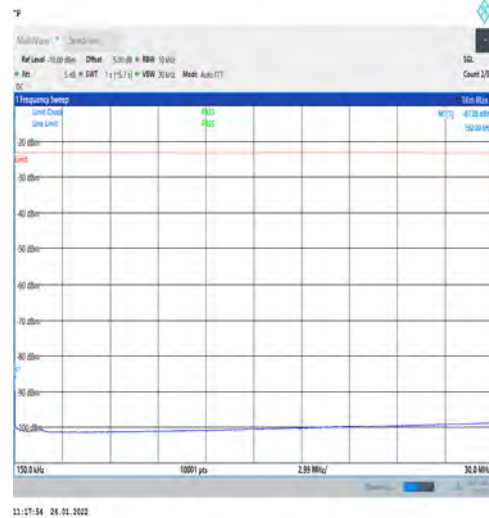
Report No.: SUAR/2021/B000702

Rev.: 01

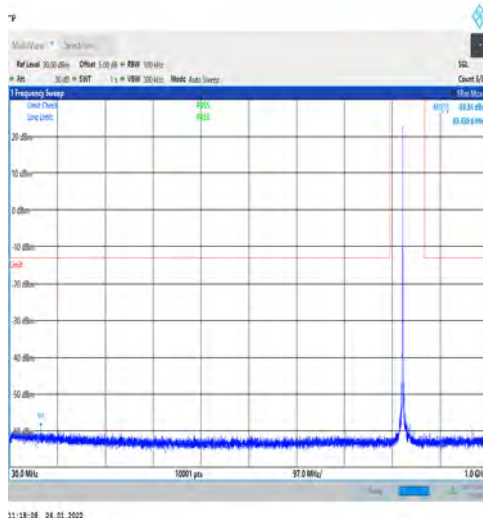
Page: 39 of 48



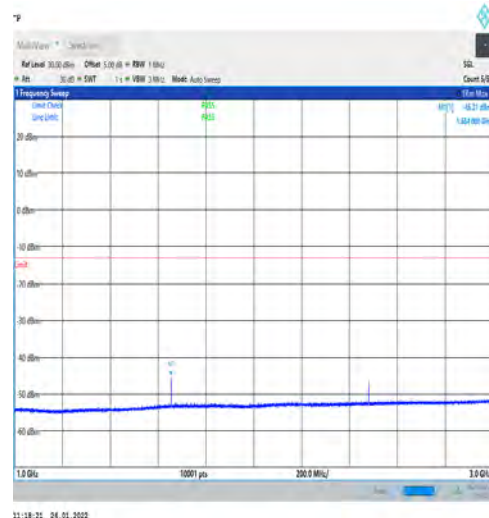
1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-0.009-0.15-Ant1--84.95--33-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-0.15-30-Ant1--87.05--23-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-30-1000-Ant1--59.34--13-PASS



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-1000-3000-Ant1--45.21--13-PASS



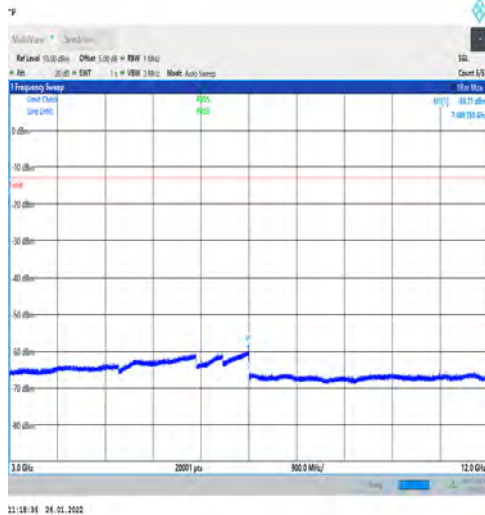
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 3448 or website: CN.Docscheck@sgs.com
South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区跨塘路1号的8号广德南楼 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 40 of 48



1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-3000-12000-Ant1--59.71--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) 8302 1448 or website: CN.Docscheck@sgs.com

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区跨塘路1号的4号厂房南楼 邮编: 215000

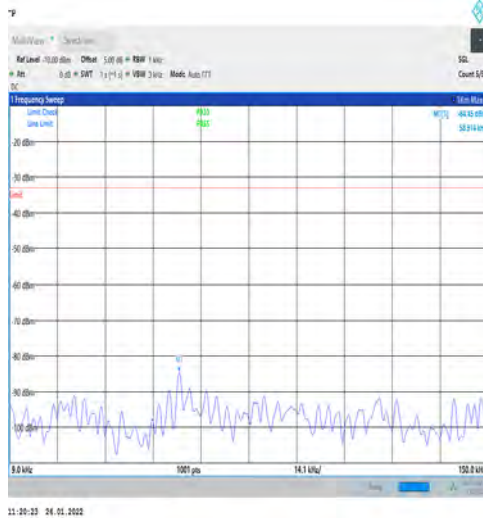
l (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

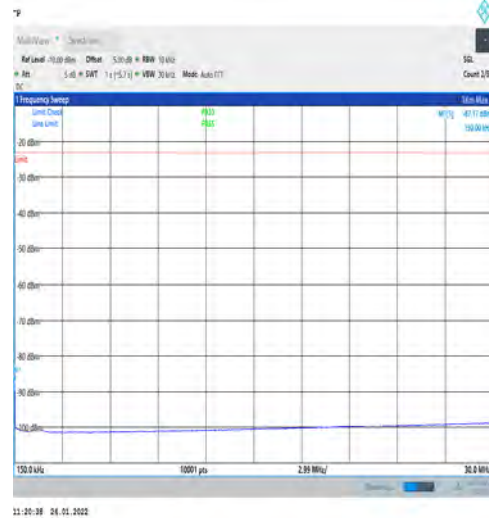
Report No.: SUAR/2021/B000702

Rev.: 01

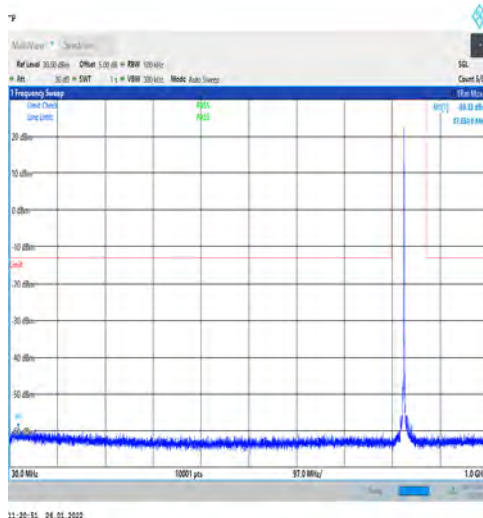
Page: 41 of 48



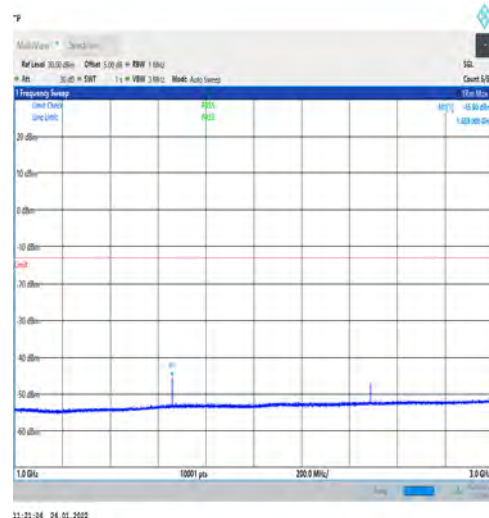
1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-0.009-0.15-Ant1--84.45--33-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-0.15-30-Ant1--87.17--23-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-30-1000-Ant1--59.43--13-PASS



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-1000-3000-Ant1--45.60--13-PASS



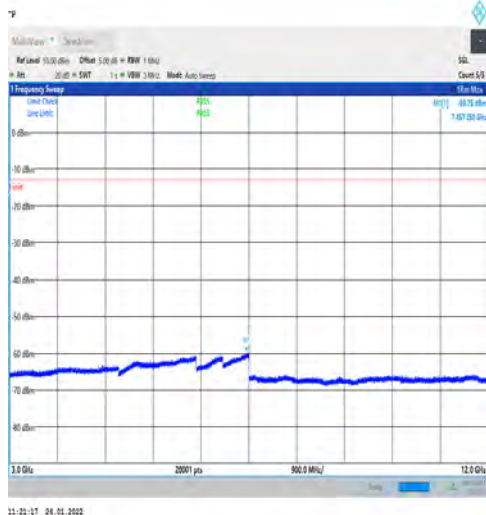
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 1448 or website: CN.Docscheck@sgs.com
South No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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星海一路4号广厦南座 邮编: 215000
t (86-512) 62992980 www.sgs.com.cn
t (86-512) 62992980 sgs.china@sgs.com

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 42 of 48



1-N5-PC3-15-20-H-1-DFT-PI2BPSK-Edge_1RB_Left
-1@0-3000-12000-Ant1--59.75--13-PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8302 1448 or website: CN.Docscheck@sgs.com

South of No. 8 Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区跨塘路1号的8号广德南楼 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 43 of 48

Field Strength of Spurious Radiation

Test Band = N5 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	48.95	-118.11	-69.16	-13.00	56.16	165	139	Horizontal
2	2475.2700	50.94	-114.8	-63.95	-13.00	50.95	158	45	Horizontal
3	3300.3600	50.95	-112.3	-61.43	-13.00	48.43	142	49	Horizontal
4	4125.4500	48.31	-110.1	-61.88	-13.00	48.88	199	165	Horizontal
5	4950.5400	48.86	-108.2	-59.35	-13.00	46.35	221	282	Horizontal
6	5775.6300	48.34	-106.2	-57.90	-13.00	44.90	174	26	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	49.13	-118.11	-68.98	-13.00	55.98	196	271	Vertical
2	2475.2700	50.19	-114.8	-64.70	-13.00	51.70	254	103	Vertical
3	3332	54.14	-112.3	-58.24	-13.00	45.24	159	346	Vertical
4	4125.4500	49.16	-110.1	-61.03	-13.00	48.03	231	142	Vertical
5	4950.5400	48.44	-108.2	-59.77	-13.00	46.77	144	141	Vertical
6	5775.6300	46.92	-106.2	-59.32	-13.00	46.32	177	360	Vertical



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 3443 or website: CN.Docscheck@sgs.com

South of No. 8 Road, 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苏州工业园区星海一路8号广德南都 邮编：215000

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

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 44 of 48

Test Band = N5 TM1

Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	49.64	-118.1	-68.46	-13.00	55.46	296	154	Horizontal
2	2482.7700	51.53	-114.8	-63.32	-13.00	50.32	248	245	Horizontal
3	3310.3600	49.92	-112.3	-62.46	-13.00	49.46	142	16	Horizontal
4	4137.9500	49.18	-110.1	-61.00	-13.00	48.00	236	193	Horizontal
5	4965.5400	48.76	-108.2	-59.45	-13.00	46.45	177	357	Horizontal
6	5793.1300	47.40	-106.1	-58.79	-13.00	45.79	228	26	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1655.1800	50.69	-118.1	-67.41	-13.00	54.41	226	286	Vertical
2	2482.7700	51.05	-114.8	-63.80	-13.00	50.80	184	354	Vertical
3	3310.3600	51.74	-112.3	-60.64	-13.00	47.64	142	324	Vertical
4	4137.9500	49.54	-110.1	-60.64	-13.00	47.64	239	354	Vertical
5	4965.5400	49.50	-108.2	-58.71	-13.00	45.71	199	4	Vertical
6	5793.1300	47.25	-106.1	-58.94	-13.00	45.94	145	346	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) 8507 8448 or website: CN.Docsfree@sgs.com

South of No. 8 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跨塘1号4号厂房南座 邮编: 215000

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

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 45 of 48

Test Band = N5 TM1

Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1660.1800	48.83	-118.0	-69.26	-13.00	56.26	255	231	Horizontal
2	2490.2700	50.49	-114.8	-64.32	-13.00	51.32	194	348	Horizontal
3	3320.3600	49.20	-112.3	-63.18	-13.00	50.18	126	356	Horizontal
4	4150.4500	48.09	-110.1	-62.07	-13.00	49.07	231	1	Horizontal
5	4980.5400	49.05	-108.2	-59.15	-13.00	46.15	220	219	Horizontal
6	5810.6300	47.41	-106.1	-58.77	-13.00	45.77	207	206	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1659.4286	53.74	-118.0	-64.35	-13.00	51.35	163	195	Vertical
2	2490.2700	50.41	-114.8	-64.40	-13.00	51.40	154	286	Vertical
3	3328	56.00	-112.3	-56.38	-13.00	43.38	188	324	Vertical
4	4150.4500	48.02	-110.1	-62.14	-13.00	49.14	196	286	Vertical
5	4980.5400	48.82	-108.2	-59.38	-13.00	46.38	124	286	Vertical
6	5810.6300	48.77	-106.1	-57.41	-13.00	44.41	177	143	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 3443 or website: CN.Docsfree@sgs.com

South of No. 8 Road, 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苏州工业园区胜浦路1号8号广德南都 邮编：215000

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

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 46 of 48

Frequency Stability

Frequency Error VS. Voltage

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15KHz	20MHz	TM1	166800	Outer Full	VL	NT	5.60	0.002947	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	NT	4.10	0.002158	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VH	NT	-8.00	-0.004301	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VL	NT	-3.80	-0.002043	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	NT	-9.30	-0.005000	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VH	NT	-8.90	-0.004734	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VL	NT	3.50	0.001862	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	NT	4.70	0.002527	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VH	NT	2.30	0.001237	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VL	NT	-1.10	-0.000591	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	NT	-3.10	-0.001667	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VH	NT	0.10	0.000054	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VL	NT	-2.80	-0.001505	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	NT	9.10	0.004840	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VH	NT	-2.30	-0.001223	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VL	NT	-1.20	-0.000638	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	NT	-5.40	-0.002903	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VH	NT	-3.30	-0.001774	±2.5	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755)8907 8448 or website: CN.Docsline@sgs.com

South of No. 8 Road, No. 1, Rensheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
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1号8号广德南楼 邮编: 215000

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

Report No.: SUAR/2021/B000702

Rev.: 01

Page: 47 of 48

Frequency Error VS. Temperature

NR Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage [Vdc]	Temperature(°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-30	-0.40	-0.000211	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-20	-10.30	-0.005421	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	-10	-9.40	-0.004947	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	0	-9.50	-0.005000	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	10	1.40	0.000737	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	20	-3.20	-0.001720	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	30	-8.40	-0.004516	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	40	7.20	0.003871	±2.5	PASS
N5	15KHz	20MHz	TM1	166800	Outer Full	VN	50	-4.80	-0.002581	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-30	-0.80	-0.000430	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-20	1.40	0.000753	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	-10	-3.00	-0.001613	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	0	-8.40	-0.004516	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	10	4.70	0.002527	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	20	2.30	0.001237	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	30	-1.10	-0.000591	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	40	-3.10	-0.001667	±2.5	PASS
N5	15KHz	20MHz	TM1	167300	Outer Full	VN	50	4.10	0.002158	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-30	-8.00	-0.004301	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-20	-3.80	-0.002043	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	-10	-9.30	-0.005000	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	0	-8.90	-0.004734	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	10	3.50	0.001862	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	20	9.00	0.004839	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	30	-4.20	-0.002258	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	40	-0.90	-0.000479	±2.5	PASS
N5	15KHz	20MHz	TM1	167800	Outer Full	VN	50	-0.20	-0.000106	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-30	9.00	0.004839	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-20	-4.20	-0.002258	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	-10	1.60	0.000842	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	0	-2.90	-0.001526	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	10	-5.20	-0.002737	±2.5	PASS



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

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8907 5443 or website: CN.Docs@sgs.com

South of No. 6 Road, No. 1, Rongsheng 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世路1号的6号广德南楼 邮编: 215000

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



Report No.: SUAR/2021/B000702

Rev.: 01

Page: 48 of 48

N5	15KHz	20MHz	TM6	166800	Outer Full	VN	20	-0.70	-0.000368	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	30	2.20	0.001158	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	40	0.60	0.000316	±2.5	PASS
N5	15KHz	20MHz	TM6	166800	Outer Full	VN	50	8.00	0.004301	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-30	-6.40	-0.003441	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-20	-0.70	-0.000376	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	-10	-5.70	-0.003032	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	0	0.40	0.000213	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	10	-10.00	-0.005319	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	20	7.40	0.003895	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	30	1.00	0.000526	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	40	0.40	0.000211	±2.5	PASS
N5	15KHz	20MHz	TM6	167300	Outer Full	VN	50	-2.80	-0.001505	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-30	9.10	0.004840	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-20	-2.30	-0.001223	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	-10	-1.20	-0.000638	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	0	-5.30	-0.002819	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	10	-8.40	-0.004848	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	20	-3.60	-0.002078	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	30	5.90	0.003405	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	40	-5.40	-0.003117	±2.5	PASS
N5	15KHz	20MHz	TM6	167800	Outer Full	VN	50	2.60	0.001501	±2.5	PASS

Remark:

All antenna and all modulation had been tested, but only the worst case data displayed in this report.

The End



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)8907 8448 or website: CN.DocsCheck@sgs.com

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

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1号6号厂房南座 邮编：215000

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

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

Member of the SGS Group (SGS SA)