



Report No.: SEWA2304000051RG01
Rev.: 01
Page: 1 of 22

Appendix B.14

LTE Band 42(3450-3550)



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

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

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

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

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

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP	Limit	Verdict
Band42	5MHz	QPSK	42115	1RB#0	23.55	21.55	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#0	22.86	20.86	30.00	PASS
Band42	5MHz	QPSK	42115	1RB#12	23.44	21.44	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#12	22.72	20.72	30.00	PASS
Band42	5MHz	QPSK	42115	1RB#24	23.40	21.40	30.00	PASS
Band42	5MHz	16QAM	42115	1RB#24	22.78	20.78	30.00	PASS
Band42	5MHz	QPSK	42115	25RB#0	22.63	20.63	30.00	PASS
Band42	5MHz	16QAM	42115	25RB#0	21.56	19.56	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#0	23.37	21.37	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#0	22.63	20.63	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#12	23.50	21.50	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#12	22.63	20.63	30.00	PASS
Band42	5MHz	QPSK	42590	1RB#24	23.37	21.37	30.00	PASS
Band42	5MHz	16QAM	42590	1RB#24	22.62	20.62	30.00	PASS
Band42	5MHz	QPSK	42590	25RB#0	22.44	20.44	30.00	PASS
Band42	5MHz	16QAM	42590	25RB#0	21.62	19.62	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#0	23.32	21.32	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#0	22.45	20.45	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#12	23.24	21.24	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#12	22.43	20.43	30.00	PASS
Band42	5MHz	QPSK	43065	1RB#24	23.24	21.24	30.00	PASS
Band42	5MHz	16QAM	43065	1RB#24	22.50	20.50	30.00	PASS
Band42	5MHz	QPSK	43065	25RB#0	22.47	20.47	30.00	PASS
Band42	5MHz	16QAM	43065	25RB#0	21.30	19.30	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#0	23.56	21.56	30.00	PASS
Band42	10MHz	16QAM	42140	1RB#0	22.97	20.97	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#24	23.60	21.60	30.00	PASS
Band42	10MHz	16QAM	42140	1RB#24	22.83	20.83	30.00	PASS
Band42	10MHz	QPSK	42140	1RB#49	23.43	21.43	30.00	PASS
Band42	10MHz	16QAM	42140	1RB#49	22.68	20.68	30.00	PASS
Band42	10MHz	QPSK	42140	50RB#0	22.62	20.62	30.00	PASS



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

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



Band42	10MHz	16QAM	42140	50RB#0	21.67	19.67	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#0	23.31	21.31	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#0	22.52	20.52	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#24	23.41	21.41	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#24	22.68	20.68	30.00	PASS
Band42	10MHz	QPSK	42590	1RB#49	23.41	21.41	30.00	PASS
Band42	10MHz	16QAM	42590	1RB#49	22.74	20.74	30.00	PASS
Band42	10MHz	QPSK	42590	50RB#0	22.47	20.47	30.00	PASS
Band42	10MHz	16QAM	42590	50RB#0	21.63	19.63	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#0	23.36	21.36	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#0	22.57	20.57	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#24	23.34	21.34	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#24	22.56	20.56	30.00	PASS
Band42	10MHz	QPSK	43040	1RB#49	23.29	21.29	30.00	PASS
Band42	10MHz	16QAM	43040	1RB#49	22.48	20.48	30.00	PASS
Band42	10MHz	QPSK	43040	50RB#0	22.36	20.36	30.00	PASS
Band42	10MHz	16QAM	43040	50RB#0	21.37	19.37	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#0	23.61	21.61	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#0	22.75	20.75	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#38	23.53	21.53	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#38	22.89	20.89	30.00	PASS
Band42	15MHz	QPSK	42165	1RB#74	23.39	21.39	30.00	PASS
Band42	15MHz	16QAM	42165	1RB#74	22.68	20.68	30.00	PASS
Band42	15MHz	QPSK	42165	75RB#0	22.66	20.66	30.00	PASS
Band42	15MHz	16QAM	42165	75RB#0	21.55	19.55	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#0	23.44	21.44	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#0	22.54	20.54	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#38	23.47	21.47	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#38	22.72	20.72	30.00	PASS
Band42	15MHz	QPSK	42590	1RB#74	23.44	21.44	30.00	PASS
Band42	15MHz	16QAM	42590	1RB#74	22.84	20.84	30.00	PASS
Band42	15MHz	QPSK	42590	75RB#0	22.50	20.50	30.00	PASS
Band42	15MHz	16QAM	42590	75RB#0	21.61	19.61	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#0	23.45	21.45	30.00	PASS
Band42	15MHz	16QAM	43015	1RB#0	22.68	20.68	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#38	23.38	21.38	30.00	PASS



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

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

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



Band42	15MHz	16QAM	43015	1RB#38	22.52	20.52	30.00	PASS
Band42	15MHz	QPSK	43015	1RB#74	23.33	21.33	30.00	PASS
Band42	15MHz	16QAM	43015	1RB#74	22.63	20.63	30.00	PASS
Band42	15MHz	QPSK	43015	75RB#0	22.48	20.48	30.00	PASS
Band42	15MHz	16QAM	43015	75RB#0	21.56	19.56	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#0	23.49	21.49	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#0	22.77	20.77	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#49	23.42	21.42	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#49	22.67	20.67	30.00	PASS
Band42	20MHz	QPSK	42190	1RB#99	23.62	21.62	30.00	PASS
Band42	20MHz	16QAM	42190	1RB#99	22.90	20.90	30.00	PASS
Band42	20MHz	QPSK	42190	100RB#0	22.78	20.78	30.00	PASS
Band42	20MHz	16QAM	42190	100RB#0	21.73	19.73	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#0	23.22	21.22	30.00	PASS
Band42	20MHz	16QAM	42590	1RB#0	22.60	20.60	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#49	23.45	21.45	30.00	PASS
Band42	20MHz	16QAM	42590	1RB#49	22.64	20.64	30.00	PASS
Band42	20MHz	QPSK	42590	1RB#99	23.38	21.38	30.00	PASS
Band42	20MHz	16QAM	42590	1RB#99	22.80	20.80	30.00	PASS
Band42	20MHz	QPSK	42590	100RB#0	22.63	20.63	30.00	PASS
Band42	20MHz	16QAM	42590	100RB#0	21.68	19.68	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#0	23.29	21.29	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#0	22.76	20.76	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#49	23.44	21.44	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#49	22.71	20.71	30.00	PASS
Band42	20MHz	QPSK	42990	1RB#99	23.23	21.23	30.00	PASS
Band42	20MHz	16QAM	42990	1RB#99	22.66	20.66	30.00	PASS
Band42	20MHz	QPSK	42990	100RB#0	22.56	20.56	30.00	PASS
Band42	20MHz	16QAM	42990	100RB#0	21.43	19.43	30.00	PASS



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

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

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

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

Peak-to-Average Ratio(CCDF)

Test Result

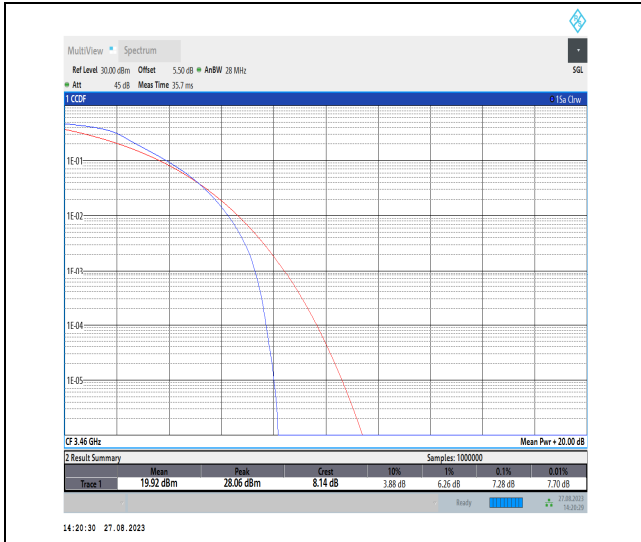
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band42	20MHz	QPSK	42190	100RB#0	7.28	13	PASS
Band42	20MHz	16QAM	42190	100RB#0	8.18	13	PASS
Band42	20MHz	QPSK	42590	100RB#0	7.18	13	PASS
Band42	20MHz	16QAM	42590	100RB#0	8.06	13	PASS
Band42	20MHz	QPSK	42990	100RB#0	7.34	13	PASS
Band42	20MHz	16QAM	42990	100RB#0	7.94	13	PASS



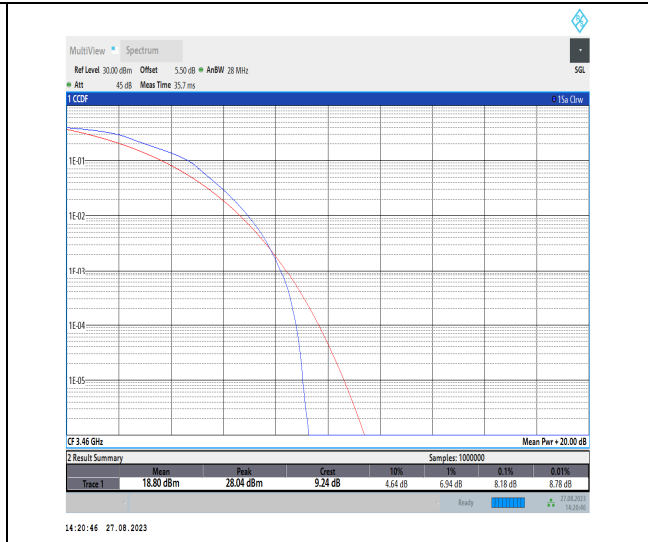
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

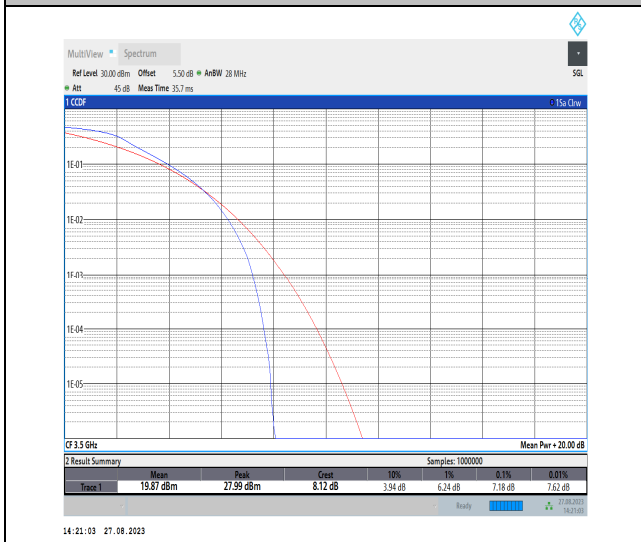
Test Graphs



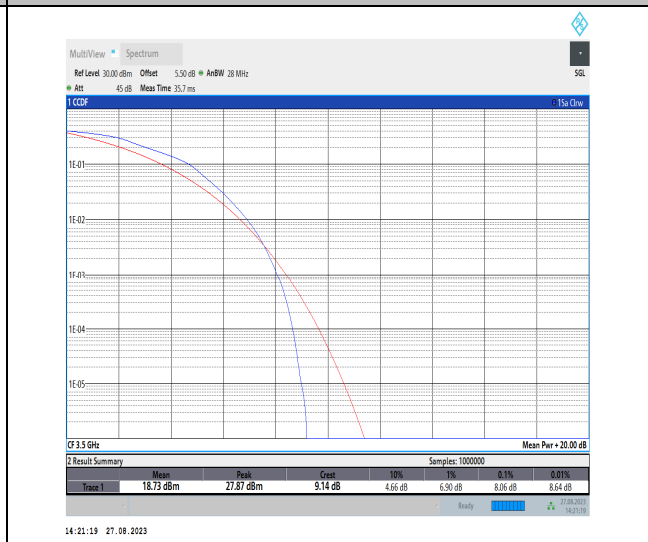
Band42-20MHz-QPSK-42190-100RB#0-PASS



Band42-20MHz-16QAM-42190-100RB#0-PASS



Band42-20MHz-QPSK-42590-100RB#0-PASS



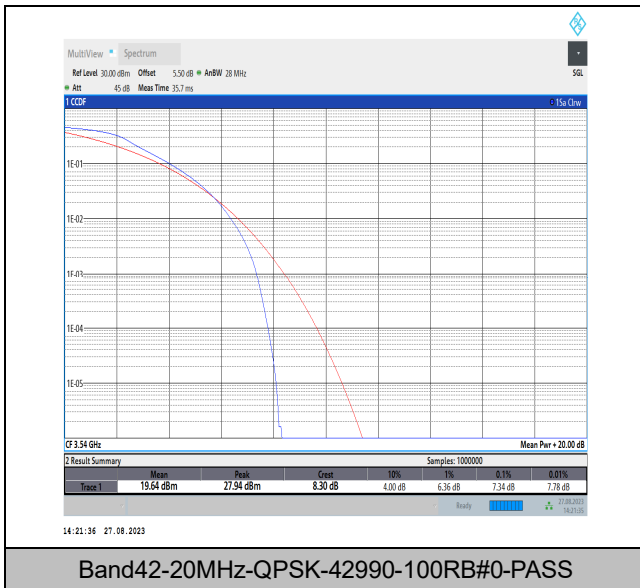
Band42-20MHz-16QAM-42590-100RB#0-PASS



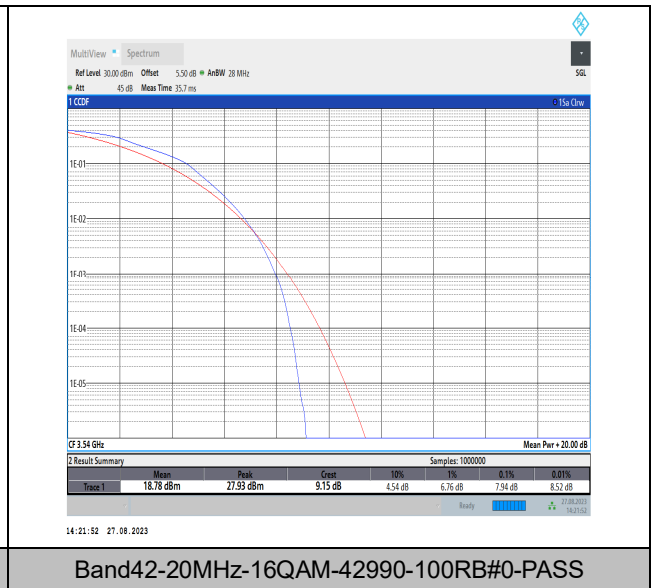
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

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



Band42-20MHz-QPSK-42990-100RB#0-PASS



Band42-20MHz-16QAM-42990-100RB#0-PASS



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

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

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

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

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band42	5MHz	QPSK	42590	25RB#0	4.458	4.91	PASS
Band42	5MHz	16QAM	42590	25RB#0	4.467	4.85	PASS
Band42	10MHz	QPSK	42590	50RB#0	8.951	9.60	PASS
Band42	10MHz	16QAM	42590	50RB#0	8.954	9.50	PASS
Band42	15MHz	QPSK	42590	75RB#0	13.436	14.40	PASS
Band42	15MHz	16QAM	42590	75RB#0	13.373	14.30	PASS
Band42	20MHz	QPSK	42590	100RB#0	17.927	19.33	PASS
Band42	20MHz	16QAM	42590	100RB#0	17.940	19.47	PASS



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

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

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

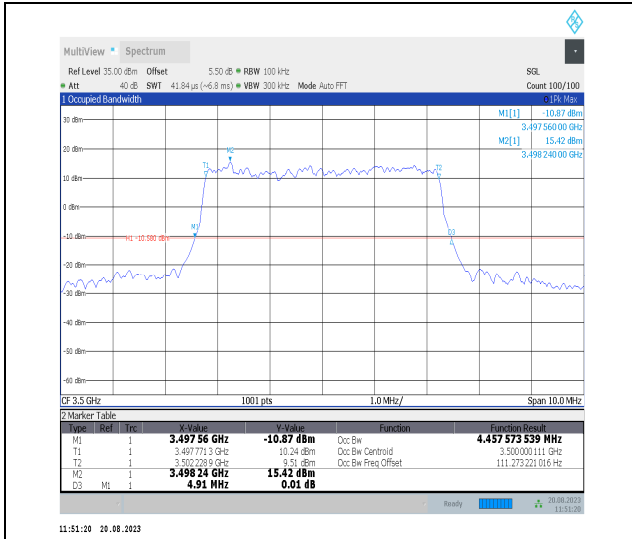
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

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

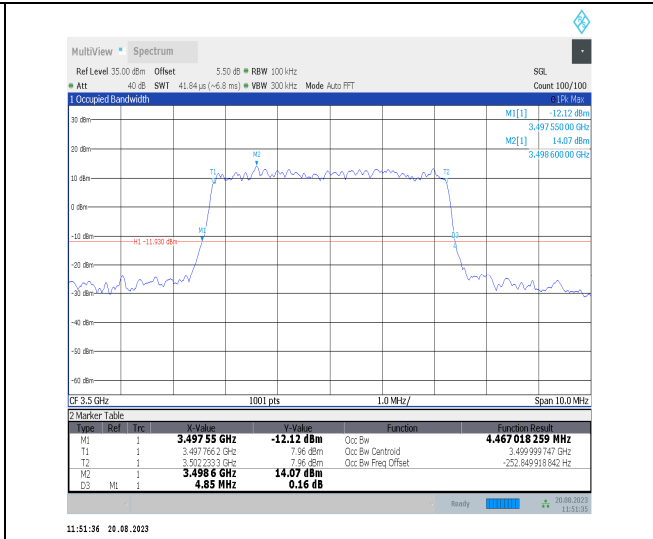
中国·苏州·中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000

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

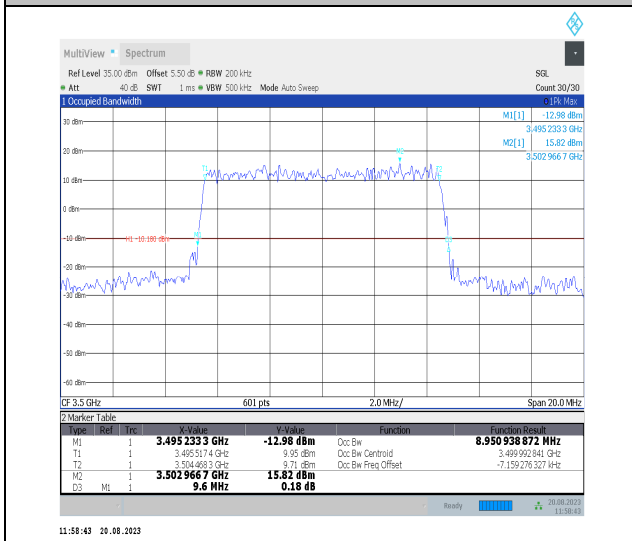
Test Graphs



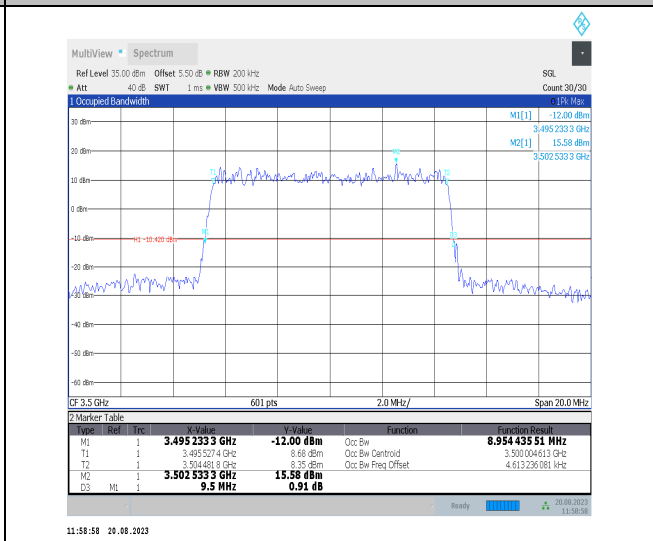
Band42-5MHz-QPSK-42590-25RB#0-PASS



Band42-5MHz-16QAM-42590-25RB#0-PASS



Band42-10MHz-QPSK-42590-50RB#0-PASS

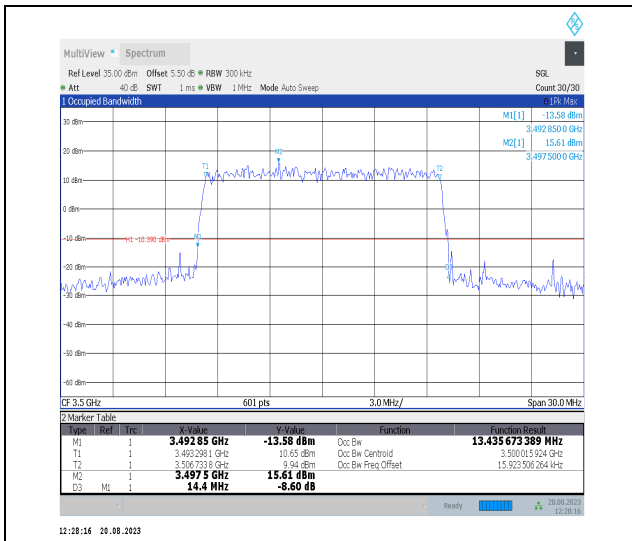


Band42-10MHz-16QAM-42590-50RB#0-PASS

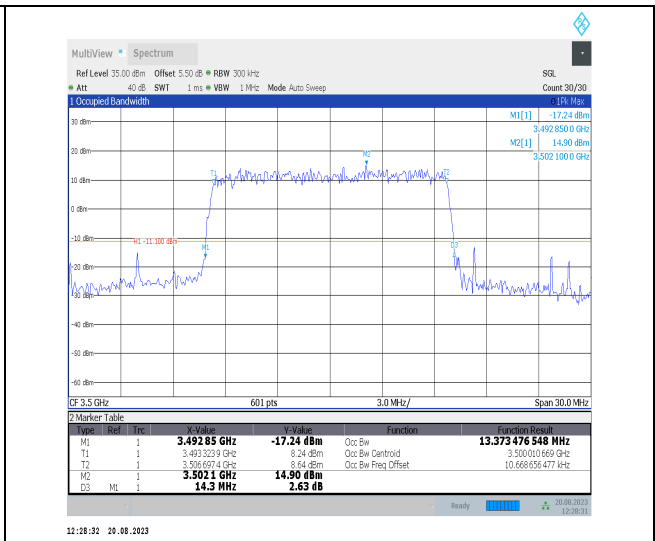


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

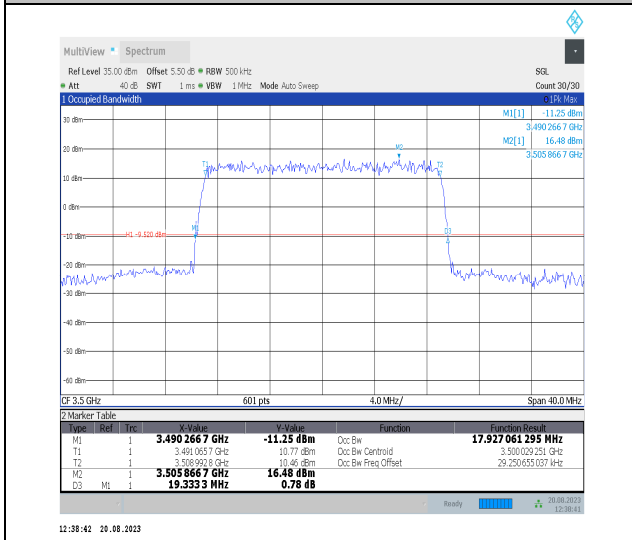
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



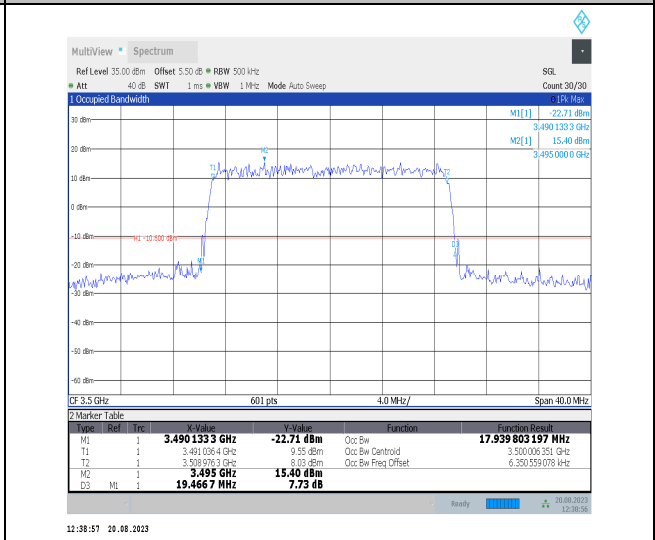
Band42-15MHz-QPSK-42590-75RB#0-PASS



Band42-15MHz-16QAM-42590-75RB#0-PASS



Band42-20MHz-QPSK-42590-100RB#0-PASS



Band42-20MHz-16QAM-42590-100RB#0-PASS

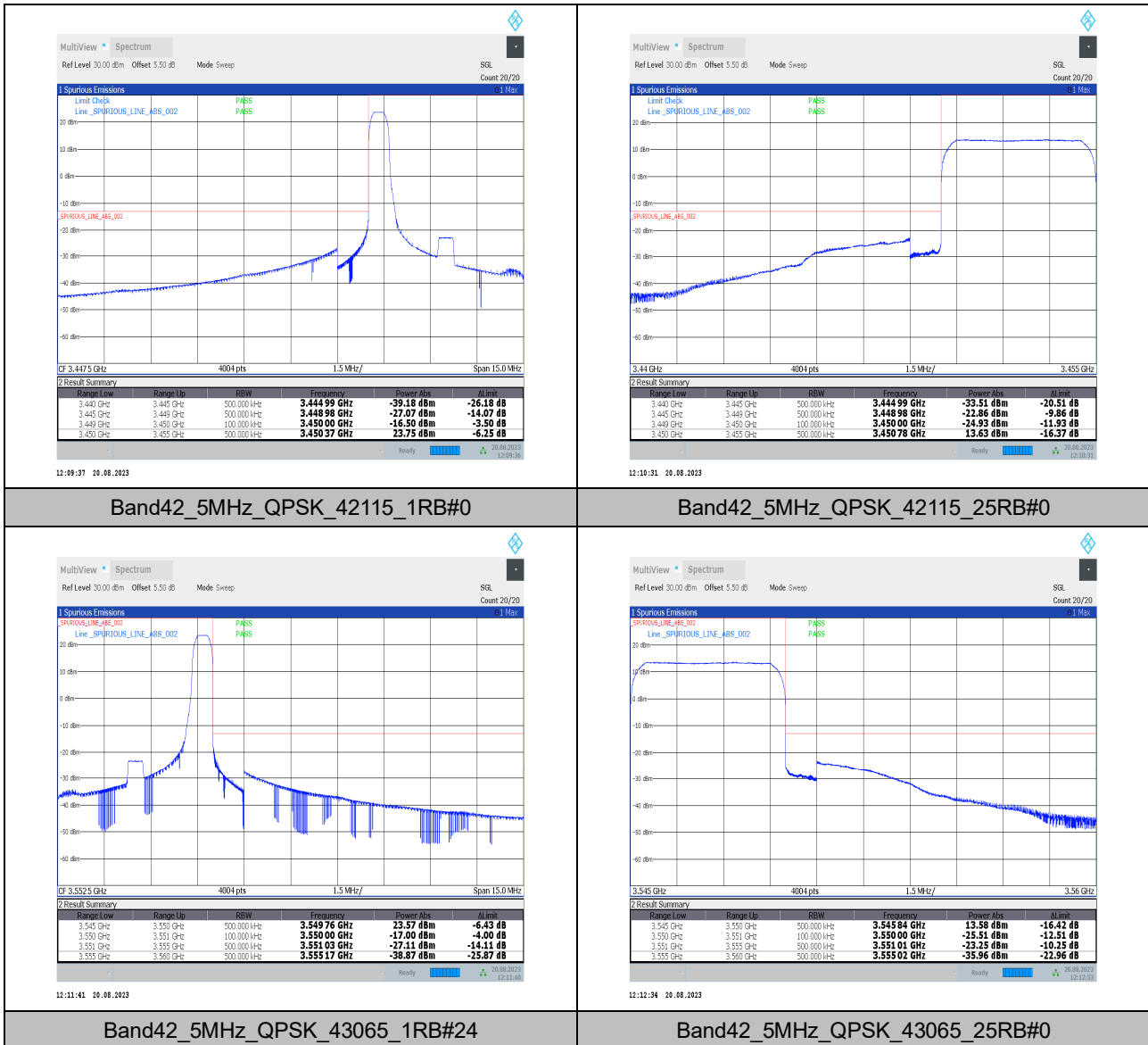


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

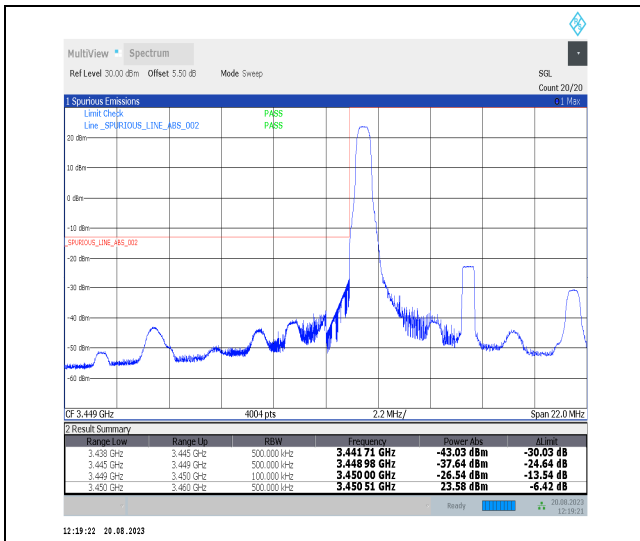
Band Edge

Test Graphs

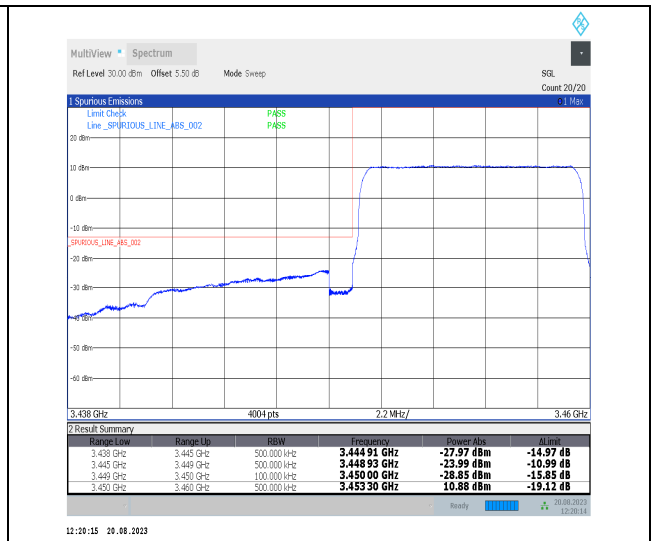


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

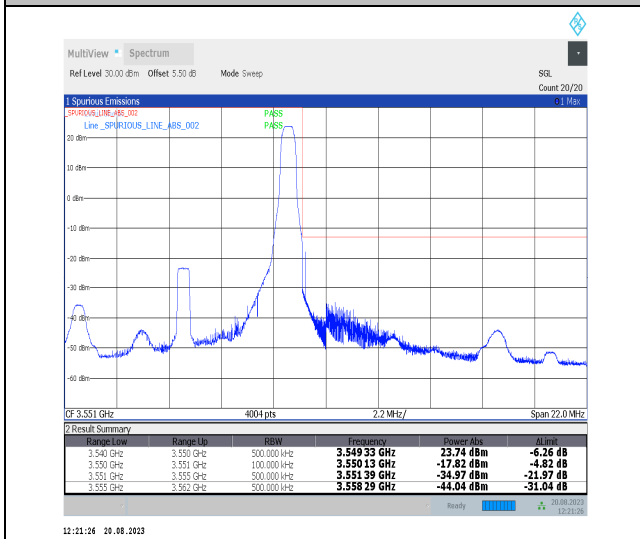
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



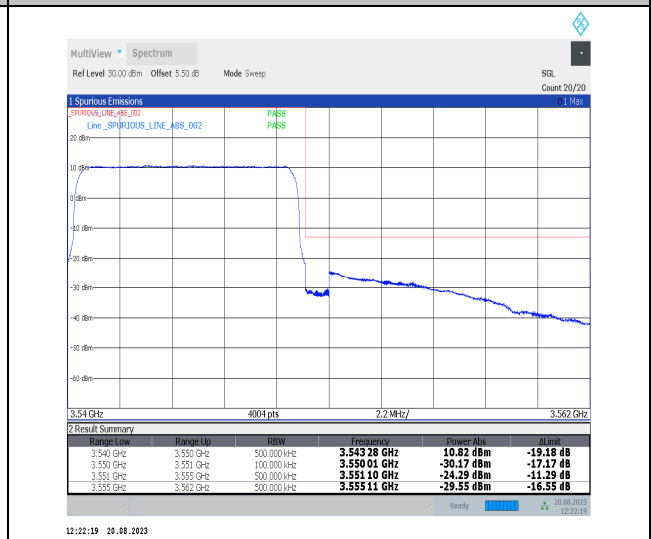
Band42_10MHz_QPSK_42140_1RB#0



Band42_10MHz_QPSK_42140_50RB#0



Band42_10MHz_QPSK_43040_1RB#49

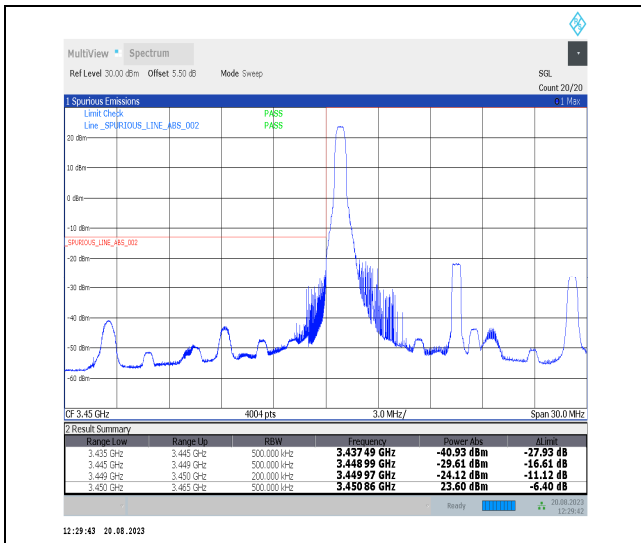


Band42_10MHz_QPSK_43040_50RB#0

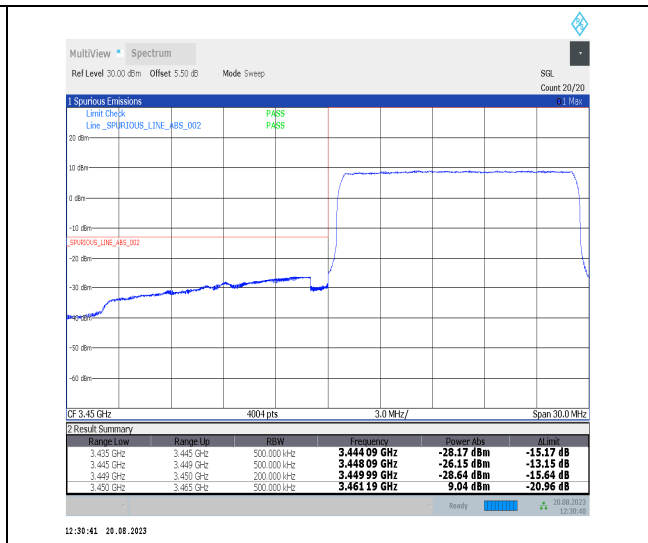


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

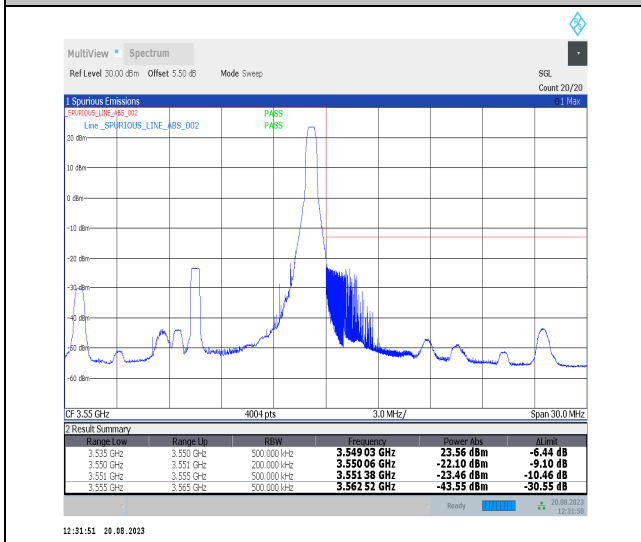
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



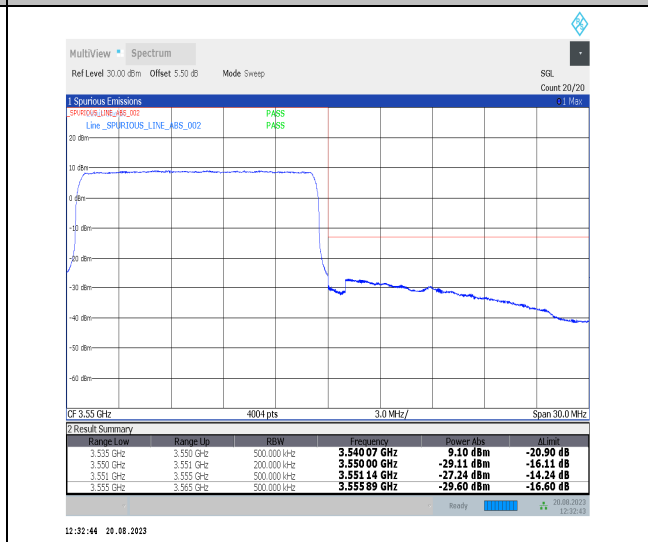
Band42_15MHz_QPSK_42165_1RB#0



Band42_15MHz_QPSK_42165_75RB#0



Band42_15MHz_QPSK_43015_1RB#74

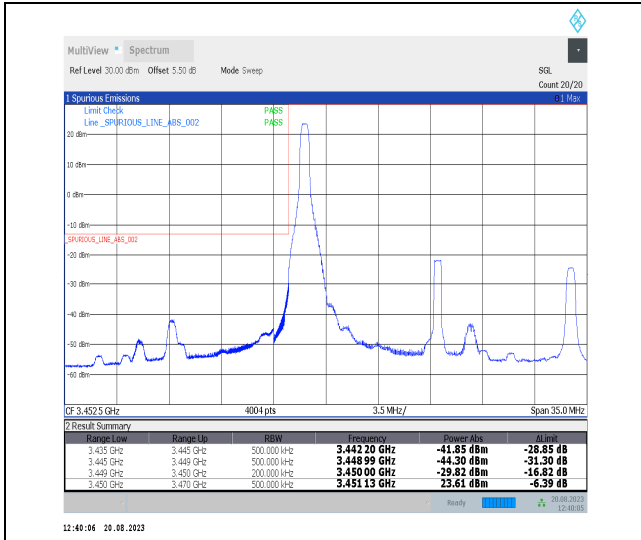


Band42_15MHz_QPSK_43015_75RB#0

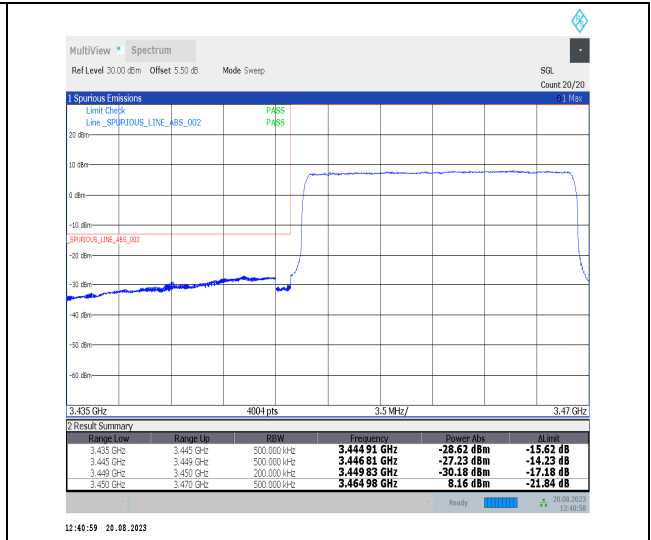


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

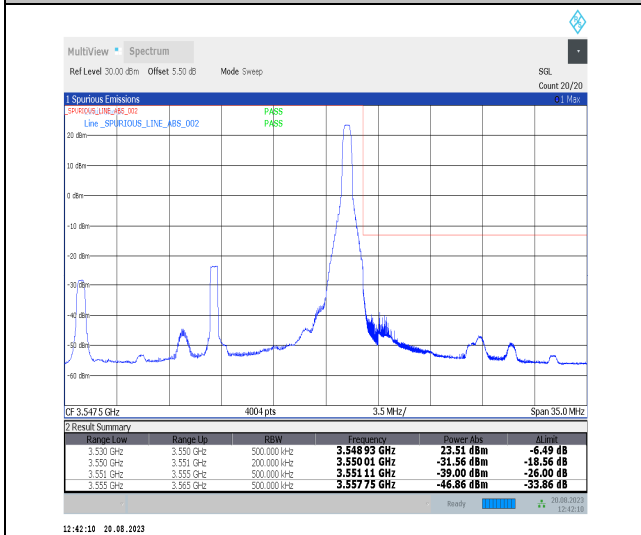
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



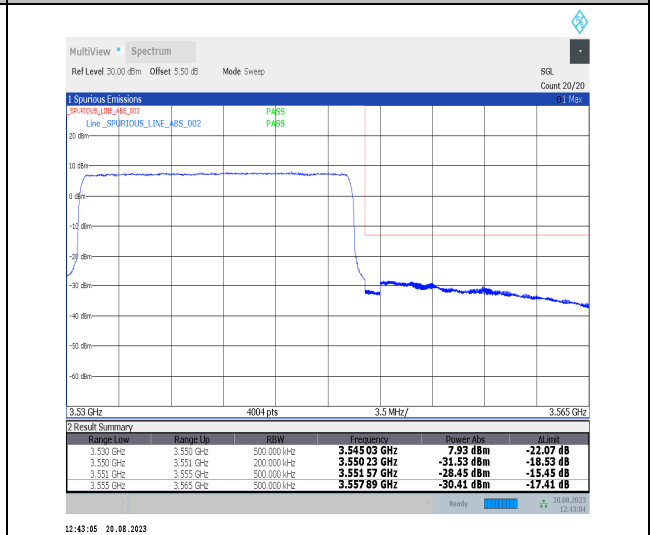
Band42_20MHz_QPSK_42190_1RB#0



Band42_20MHz_QPSK_42190_100RB#0



Band42_20MHz_QPSK_42990_1RB#99



Band42_20MHz_QPSK_42990_100RB#0

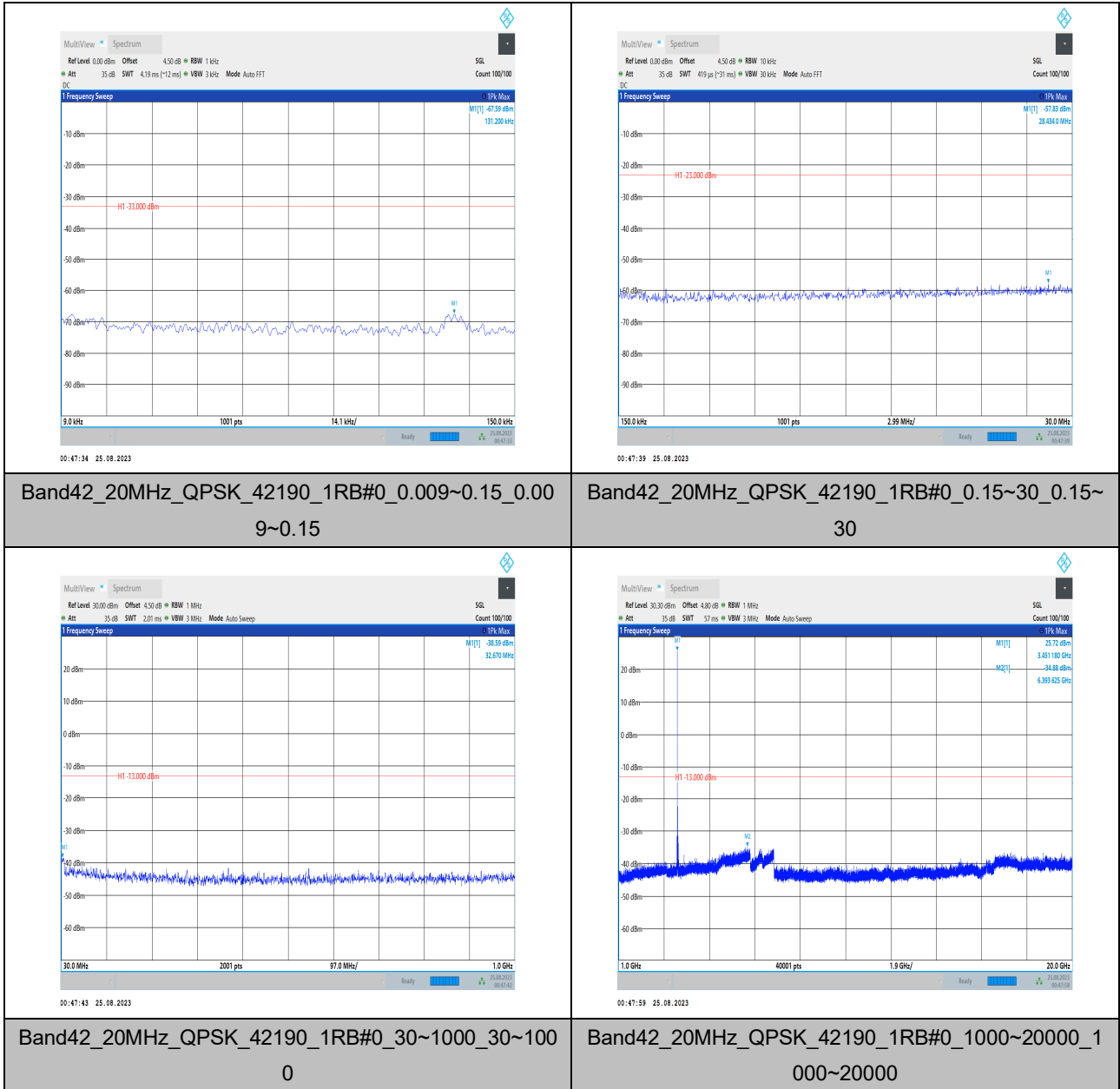


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

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

Conducted Spurious Emission

Test Graphs

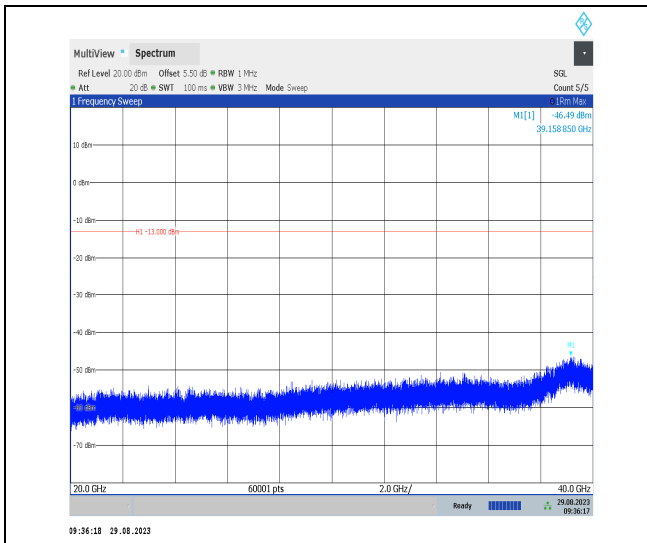


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

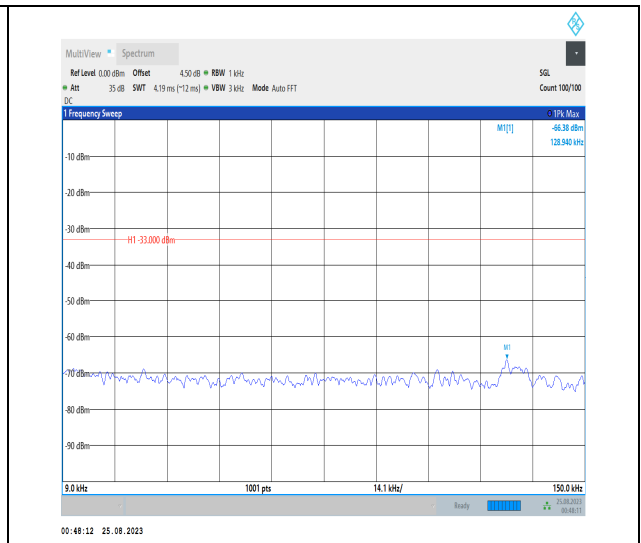
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

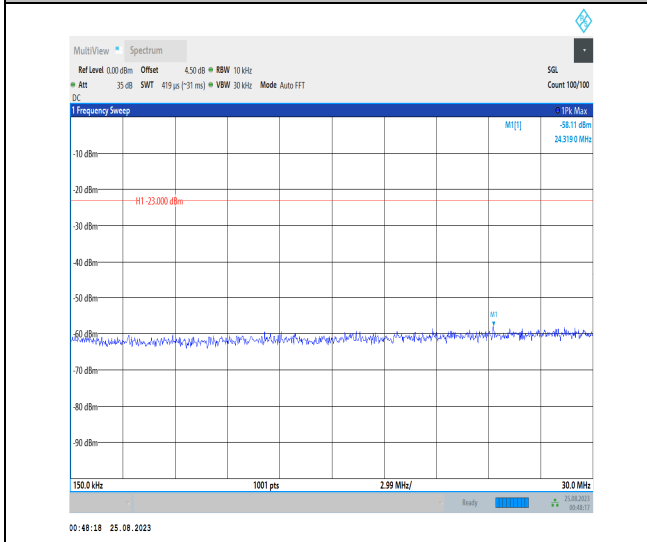
t (86-512) 62992980 www.sgs.com.cn
 t (86-512) 62992980 sgs.china@sgs.com



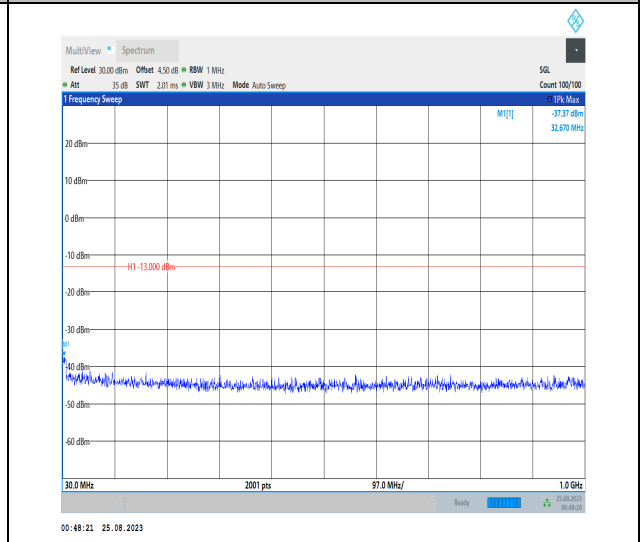
Band42_20MHz_QPSK_42190_1RB#0_20000~40000_20
000~40000



Band42_20MHz_QPSK_42590_1RB#0_0.009~0.15_0.09~0.15



Band42_20MHz_QPSK_42590_1RB#0_0.15~30_0.15~30

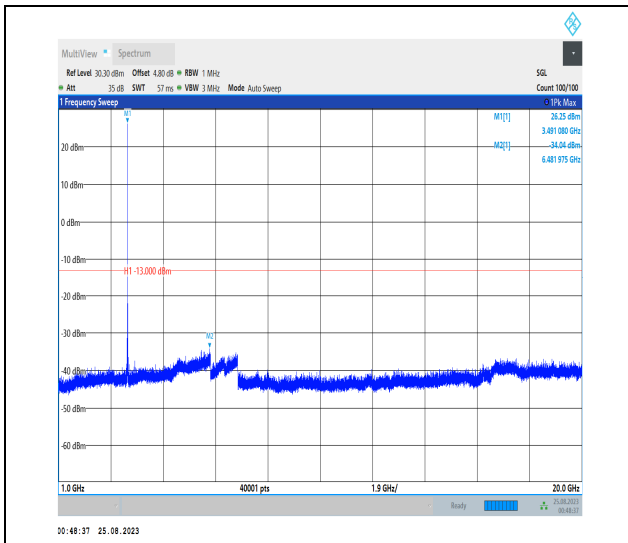


Band42_20MHz_QPSK_42590_1RB#0_0.15~30_0.15~30

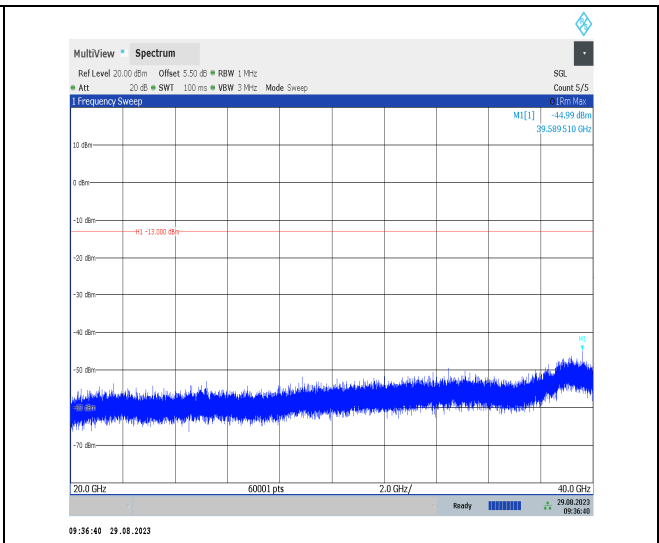


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

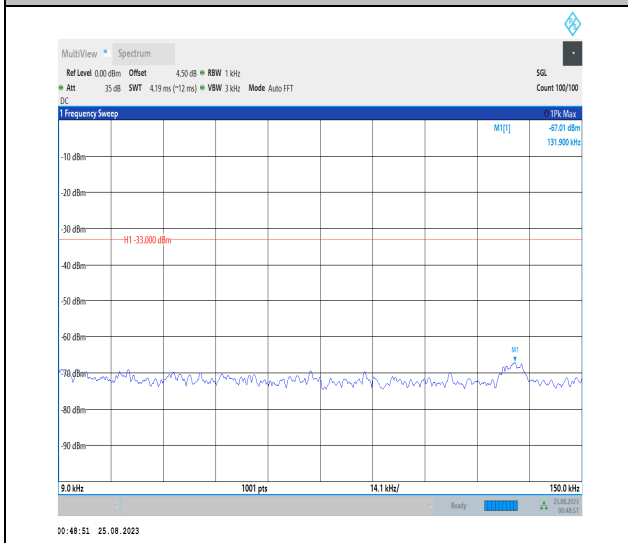
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



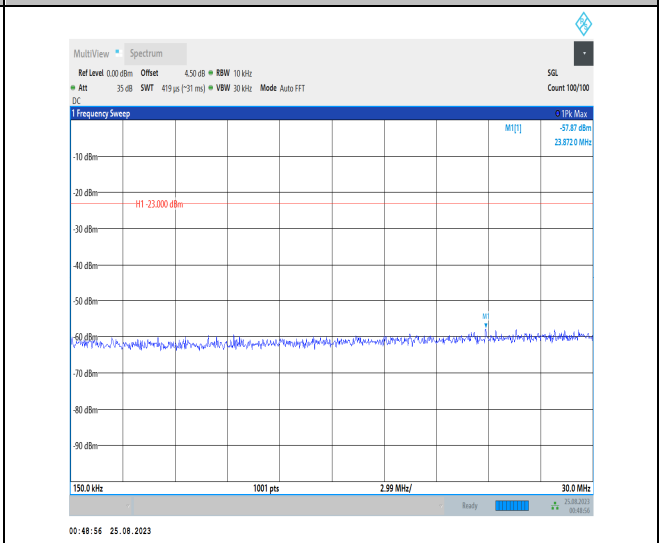
Band42_20MHz_QPSK_42590_1RB#0_1000~20000_1000~20000



Band42_20MHz_QPSK_42590_1RB#0_20000~40000_20000~40000



Band42_20MHz_QPSK_42990_1RB#0_0.009~0.15_0.009~0.15

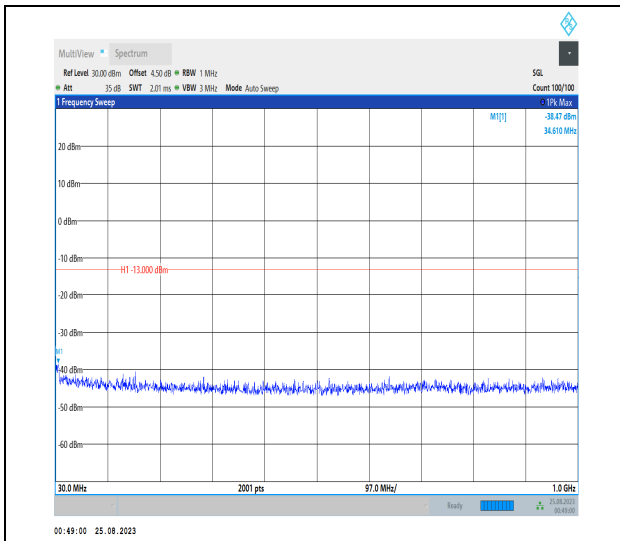


Band42_20MHz_QPSK_42990_1RB#0_0.15~30_0.15~30

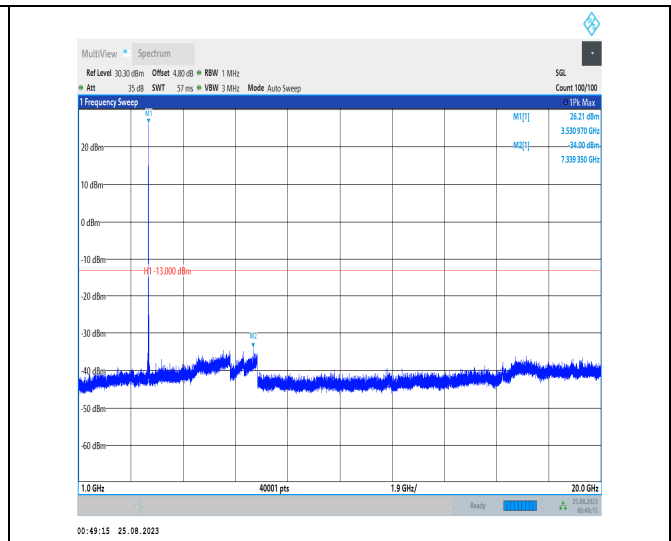


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

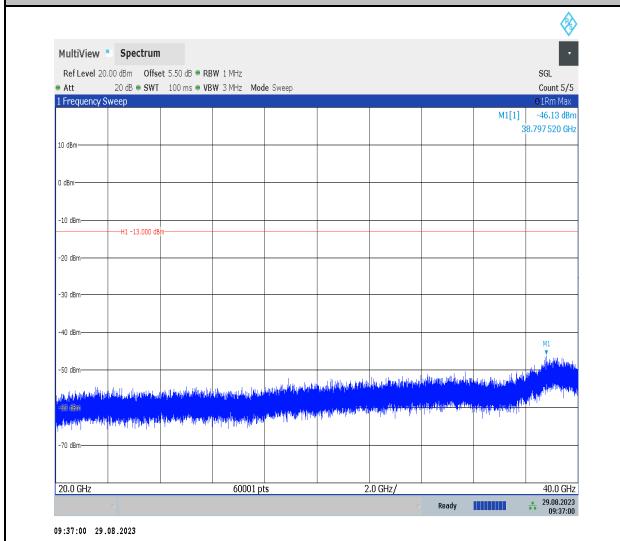
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
 South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512)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



Band42_20MHz_QPSK_42990_1RB#0_30~1000_30~1000



Band42_20MHz_QPSK_42990_1RB#0_1000~20000_1000~20000



Band42_20MHz_QPSK_42990_1RB#0_20000~40000_20000~40000



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

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

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

Field Strength of Spurious Radiation

Test Band = LTE Band42_ TM1_20MHz

Test Channel = Low 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	45.19	-43.88	35.02	-58.92	-13.00	45.92	126	240	Horizontal
2	8039.275	39.33	-41.82	36.78	-60.97	-13.00	47.97	254	359	Horizontal
3	9262.3	36.77	-40.02	36.80	-61.72	-13.00	48.72	145	183	Horizontal
4	10353.2700	33.14	-38.84	38.38	-62.58	-13.00	49.58	189	360	Horizontal
5	13804.3600	29.45	-36.22	40.55	-61.48	-13.00	48.48	193	59	Horizontal
6	17255.4500	30.88	-35.06	43.45	-55.99	-13.00	42.99	213	297	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.1800	48.11	-43.88	35.02	-56.00	-13.00	43.00	278	357	Vertical
2	8404.975	39.33	-41.39	36.60	-60.72	-13.00	47.72	189	0	Vertical
3	8823.575	37.88	-41.09	36.39	-62.08	-13.00	49.08	155	222	Vertical
4	10353.2700	33.69	-38.84	38.38	-62.03	-13.00	49.03	146	166	Vertical
5	13804.3600	28.91	-36.22	40.55	-62.02	-13.00	49.02	195	257	Vertical
6	17255.4500	29.99	-35.06	43.45	-56.88	-13.00	43.88	182	257	Vertical



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

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

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

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

Test Band = LTE Band42_TM1_20MHz

Test Channel = Mid 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	48.10	-43.15	35.17	-55.14	-13.00	42.14	200	25	Horizontal
2	8422.225	39.47	-41.47	36.59	-60.67	-13.00	47.67	120	341	Horizontal
3	9433.65	36.48	-39.93	37.12	-61.59	-13.00	48.59	302	356	Horizontal
4	10473.2700	33.15	-38.75	38.44	-62.42	-13.00	49.42	188	251	Horizontal
5	13964.3600	28.63	-35.06	40.84	-60.85	-13.00	47.85	172	116	Horizontal
6	17455.4500	29.25	-34.25	44.35	-55.91	-13.00	42.91	129	308	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.1800	46.92	-43.15	35.17	-56.32	-13.00	43.32	244	178	Vertical
2	8403.825	39.46	-41.39	36.60	-60.59	-13.00	47.59	165	4	Vertical
3	9602.7	35.88	-39.21	37.45	-61.14	-13.00	48.14	185	30	Vertical
4	10473.2700	32.63	-38.75	38.44	-62.94	-13.00	49.94	196	20	Vertical
5	13964.3600	28.85	-35.06	40.84	-60.63	-13.00	47.63	254	199	Vertical
6	17455.4500	29.89	-34.25	44.35	-55.27	-13.00	42.27	135	64	Vertical



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

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

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

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

Test Band = LTE Band42_TM1_20MHz

Test Channel = High 3450-3550

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	47.32	-43.41	35.37	-55.97	-13.00	42.97	187	47	Horizontal
2	8029.5	39.35	-41.90	36.79	-61.02	-13.00	48.02	148	350	Horizontal
3	9423.875	36.76	-39.93	37.11	-61.32	-13.00	48.32	186	147	Horizontal
4	10593.2700	32.71	-38.06	38.50	-62.11	-13.00	49.11	159	274	Horizontal
5	14124.3600	26.62	-35.87	40.95	-63.56	-13.00	50.56	136	261	Horizontal
6	17655.4500	28.57	-33.40	45.25	-54.84	-13.00	41.84	216	92	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7062.1800	46.75	-43.41	35.37	-56.54	-13.00	43.54	210	335	Vertical
2	8943.75	37.99	-40.89	36.33	-61.83	-13.00	48.83	145	121	Vertical
3	10593.2700	32.09	-38.06	38.50	-62.73	-13.00	49.73	128	76	Vertical
4	12220.1	30.56	-37.02	38.87	-62.85	-13.00	49.85	173	166	Vertical
5	14124.3600	27.01	-35.87	40.95	-63.17	-13.00	50.17	263	132	Vertical
6	17655.4500	27.93	-33.40	45.25	-55.48	-13.00	42.48	251	19	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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

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

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

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

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42	20MHz	QPSK	42590	100RB#0	VN	NT	-2.60	-0.002357	PASS
Band42	20MHz	QPSK	42590	100RB#0	VL	NT	-4.50	-0.002236	PASS
Band42	20MHz	QPSK	42590	100RB#0	VH	NT	-0.80	-0.000635	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42	20MHz	QPSK	42590	100RB#0	NV	-30	-1.50	-0.002563	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-20	-2.20	-0.004215	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-10	-2.50	-0.005635	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	0	-3.80	-0.001429	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	10	-3.50	-0.002368	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	20	-3.70	-0.001369	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	30	-2.80	-0.002542	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	40	-6.50	-0.006352	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	50	4.80	0.006542	PASS

---End of Attachment---



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

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

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

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

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

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