



Appendix B.13

LTE Band 38



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant13:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	22.1	19.2	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	22.38	19.48	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	22.13	19.23	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	21.25	18.35	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	22.23	19.33	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	22.41	19.51	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	22.18	19.28	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	21.32	18.42	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	22.2	19.3	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	22.4	19.5	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	22.2	19.3	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	21.34	18.44	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	21.22	18.32	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	21.51	18.61	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	21.21	18.31	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	20.36	17.46	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	21.32	18.42	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	21.54	18.64	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	21.29	18.39	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	20.43	17.53	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	21.32	18.42	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	21.55	18.65	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	21.31	18.41	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	20.42	17.52	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	19.89	16.99	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.14	17.24	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	19.84	16.94	33	PASS
Band38	5MHz	64QAM	37775	25RB#0	19.32	16.42	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	19.95	17.05	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.18	17.28	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	19.88	16.98	33	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38	5MHz	64QAM	38000	25RB#0	19.35	16.45	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	19.92	17.02	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.11	17.21	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	19.92	17.02	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	19.44	16.54	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	22.22	19.32	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	22.36	19.46	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	22.26	19.36	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.36	18.46	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	22.35	19.45	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	22.44	19.54	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	22.26	19.36	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.4	18.5	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	22.32	19.42	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	22.44	19.54	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	22.31	19.41	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	21.42	18.52	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	21.34	18.44	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	21.49	18.59	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.33	18.43	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	20.55	17.65	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	21.4	18.5	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.54	18.64	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	21.38	18.48	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	20.59	17.69	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	21.4	18.5	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	21.54	18.64	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	21.39	18.49	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	20.55	17.65	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	19.92	17.02	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	20.04	17.14	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	19.93	17.03	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	19.39	16.49	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	20	17.1	33	PASS
Band38	10MHz	64QAM	38000	1RB#24	20.09	17.19	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	19.98	17.08	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	19.42	16.52	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.04	17.14	33	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Co., Ltd.
 Shenzhen Branch, Wireless Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38	10MHz	64QAM	38200	1RB#24	20.12	17.22	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	19.99	17.09	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.46	16.56	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	22.13	19.23	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	22.3	19.4	33	PASS
Band38	15MHz	QPSK	37825	1RB#74	22.17	19.27	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.27	18.37	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	22.26	19.36	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	22.31	19.41	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	22.15	19.25	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.32	18.42	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	22.2	19.3	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	22.27	19.37	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	22.18	19.28	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	21.34	18.44	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	21.29	18.39	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	21.38	18.48	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.31	18.41	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	20.39	17.49	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	21.33	18.43	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	21.39	18.49	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	21.25	18.35	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	20.45	17.55	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.31	18.41	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	21.37	18.47	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	21.27	18.37	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	20.45	17.55	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	19.87	16.97	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	19.97	17.07	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	19.88	16.98	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	19.34	16.44	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	19.89	16.99	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	19.97	17.07	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	19.83	16.93	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	19.36	16.46	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	19.92	17.02	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	20	17.1	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	19.85	16.95	33	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Band38	15MHz	64QAM	38175	75RB#0	19.32	16.42	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	22.06	19.16	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	22.44	19.54	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	22.06	19.16	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	21.28	18.38	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	22.34	19.44	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	22.46	19.56	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	22.08	19.18	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.31	18.41	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	22.33	19.43	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	22.45	19.55	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	22.08	19.18	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.29	18.39	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.2	18.3	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.57	18.67	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.18	18.28	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	20.39	17.49	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.27	18.37	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.57	18.67	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.16	18.26	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	20.42	17.52	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.26	18.36	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.59	18.69	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	21.19	18.29	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	20.4	17.5	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	19.81	16.91	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.18	17.28	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	19.75	16.85	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	19.28	16.38	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	19.86	16.96	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.16	17.26	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	19.72	16.82	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	19.32	16.42	33	PASS
Band38	20MHz	64QAM	38150	1RB#0	19.9	17	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.17	17.27	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	19.81	16.91	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	19.32	16.42	33	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Peak-to-Average Ratio(CCDF)

Test Result

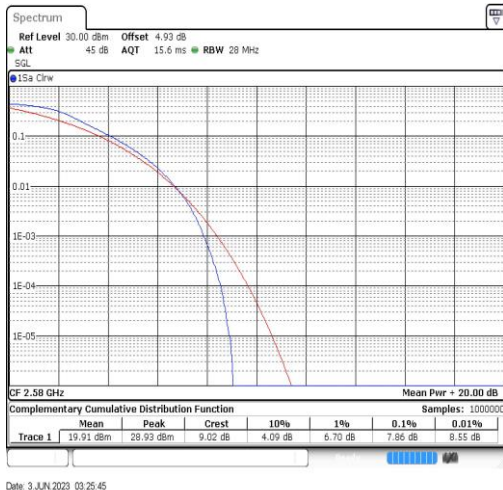
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	7.86	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	7.62	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	7.91	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	8.46	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	8.38	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.70	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	8.52	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	8.52	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	8.87	13	PASS



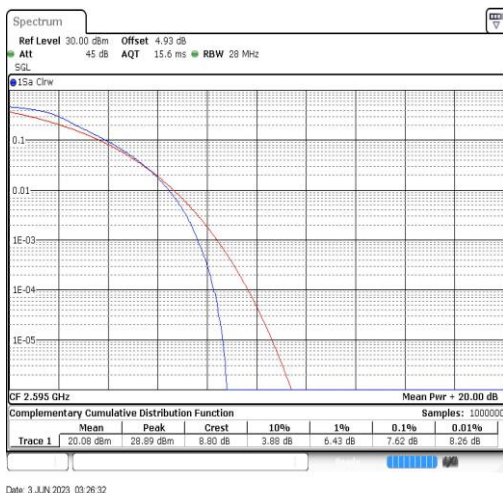
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Band38-20MHz-QPSK-37850-100RB#0



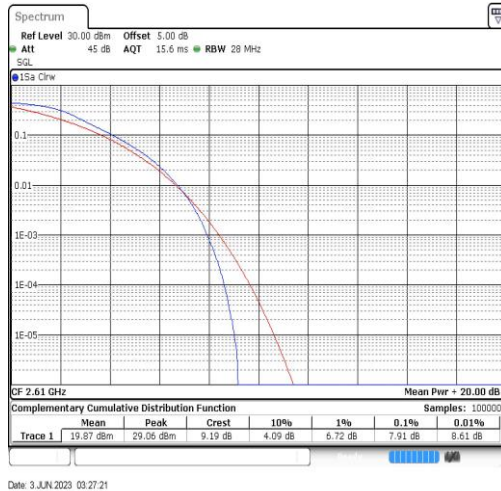
Band38-20MHz-QPSK-38000-100RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

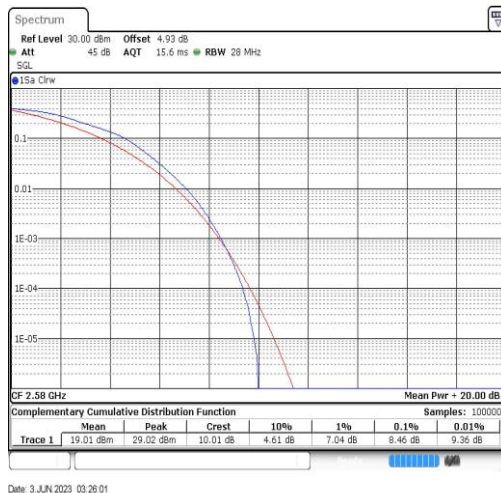
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3 JUN 2023 03:27:21

Band38-20MHz-QPSK-38150-100RB#0



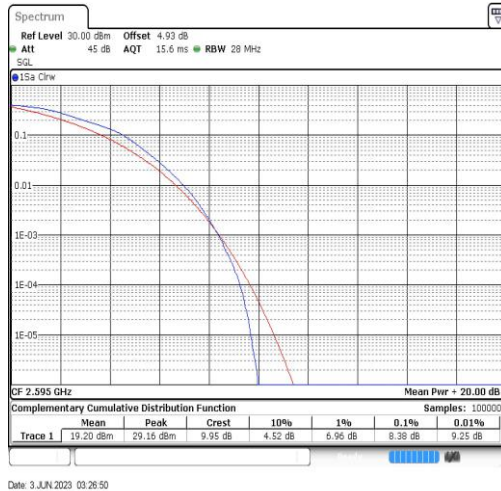
Date: 3 JUN 2023 03:26:01

Band38-20MHz-16QAM-37850-100RB#0

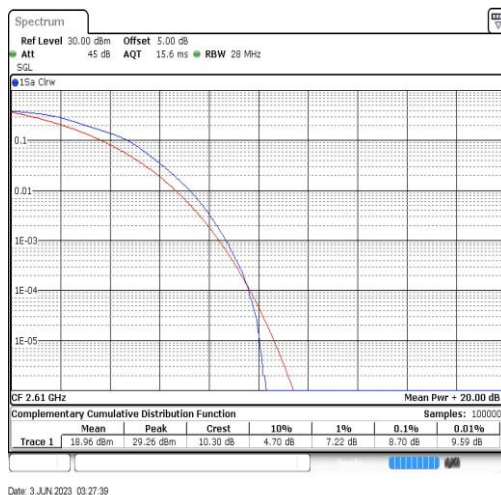


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Band38-20MHz-16QAM-38000-100RB#0



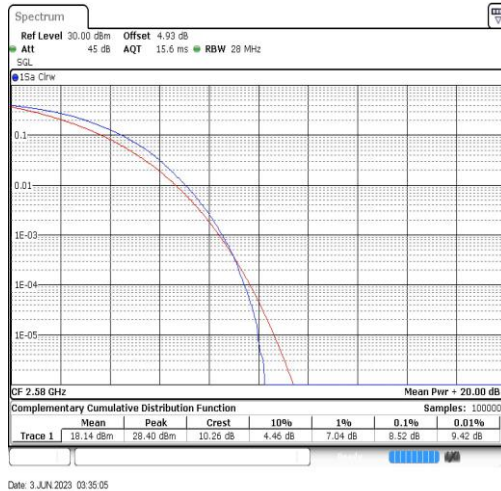
Band38-20MHz-16QAM-38150-100RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

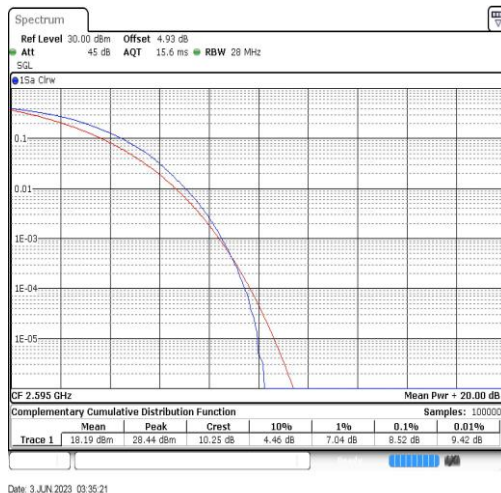
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 03:35:05

Band38-20MHz-64QAM-37850-100RB#0



Date: 3.JUN.2023 03:35:21

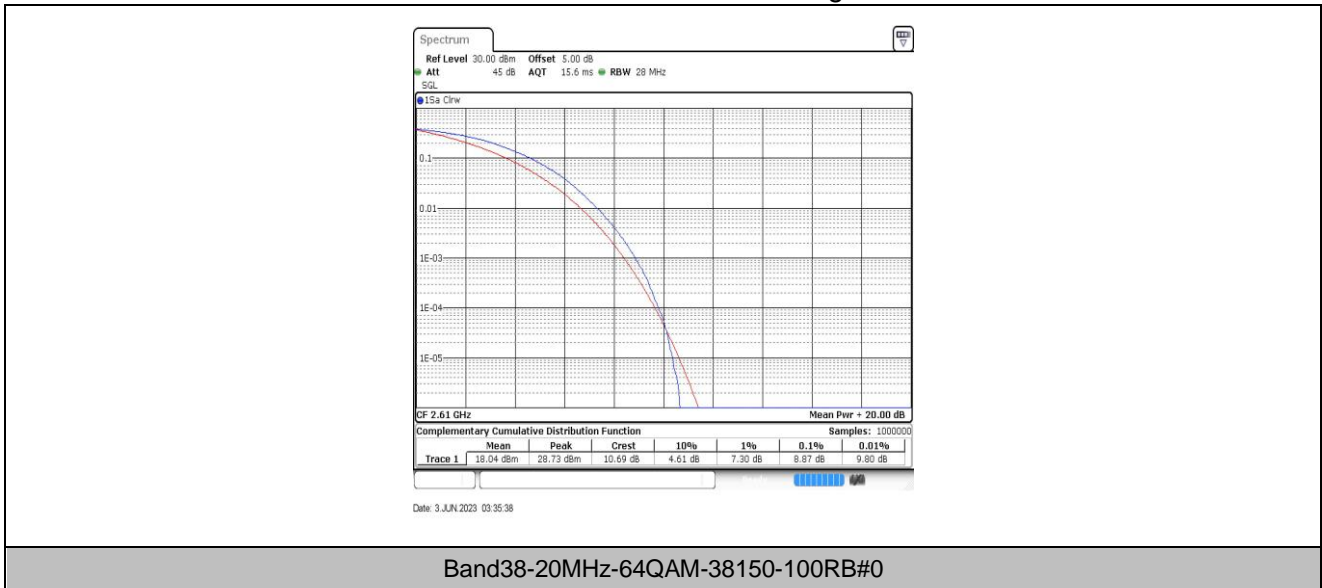
Band38-20MHz-64QAM-38000-100RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-64QAM-38150-100RB#0



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Modulation Characteristics

Test Result

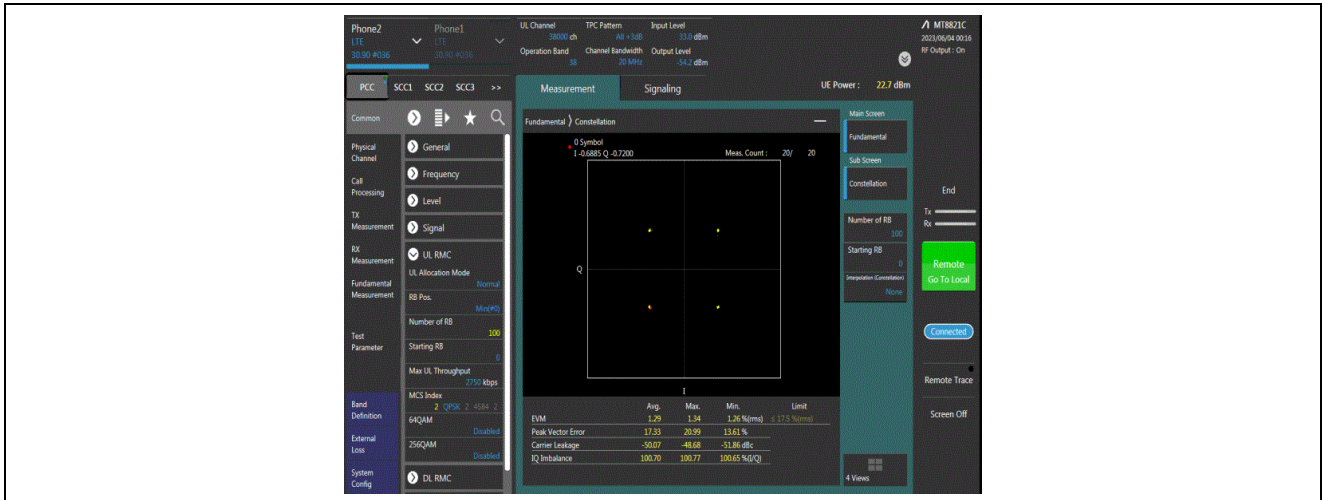
Band	Bandwidth	Modulation	Channel	RB Configuration	Result	Verdict
Band38	20MHz	QPSK	38000	100RB#0	PASS	PASS
Band38	20MHz	16QAM	38000	100RB#0	PASS	PASS
Band38	20MHz	64QAM	38000	100RB#0	PASS	PASS



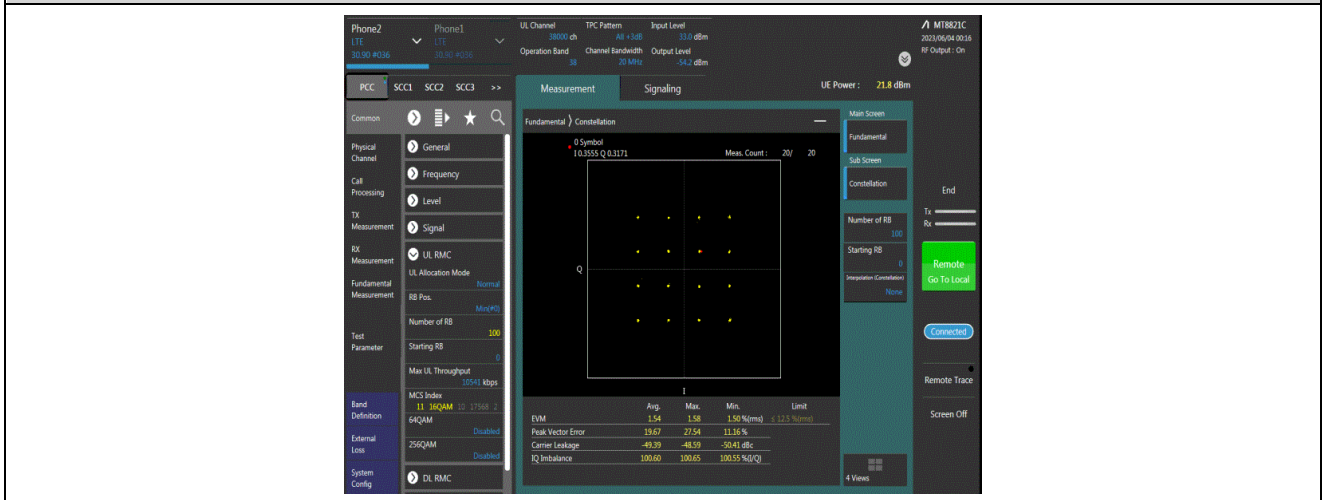
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Band38-20MHz-QPSK-38000-100RB#0

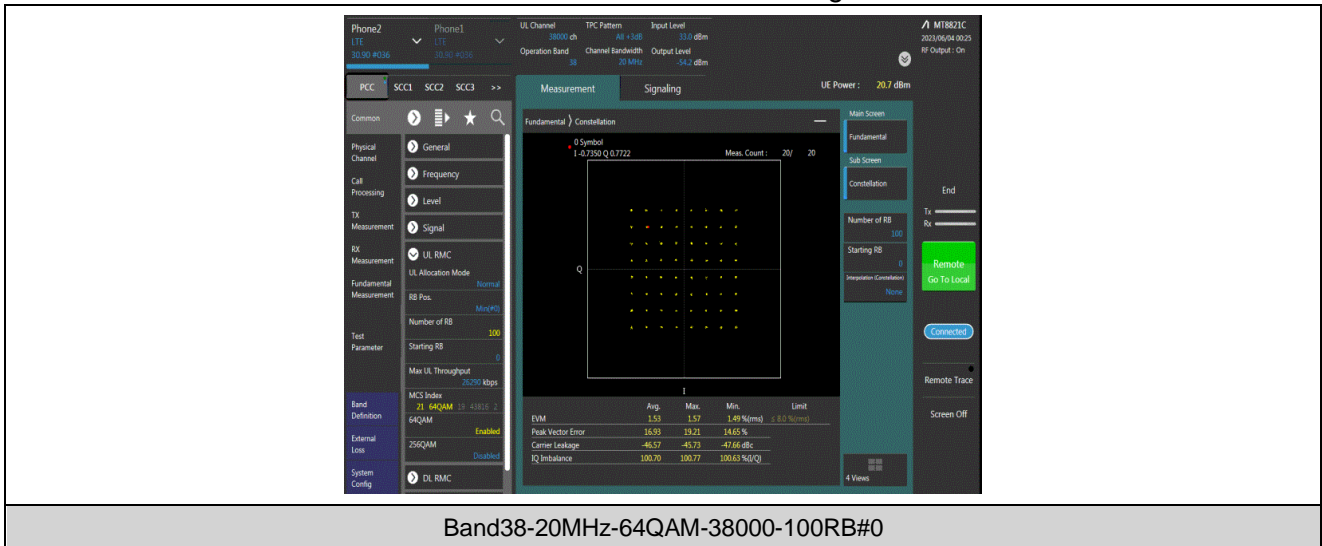


Band38-20MHz-16QAM-38000-100RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-64QAM-38000-100RB#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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Co., Ltd.
 Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgs.com
 t (86-755) 26012053 sgs.china@sgs.com

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.82	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.476	4.83	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.84	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.466	4.95	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.466	4.92	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.466	4.98	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.476	4.80	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.476	4.82	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.476	4.82	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.931	9.64	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.931	9.64	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.951	9.64	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.88	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.88	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.88	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.951	9.56	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.58	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.931	9.58	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.516	16.29	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.546	16.56	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.546	16.05	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.516	16.38	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.516	16.32	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.516	16.38	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.487	16.29	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.457	15.66	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.457	16.08	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	20.60	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.942	20.64	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.942	20.40	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



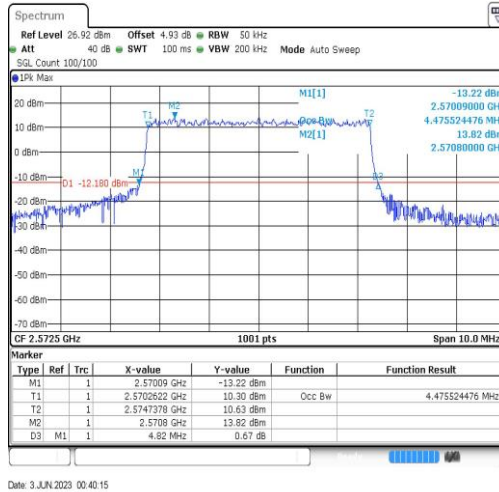
Band38	20MHz	16QAM	37850	100RB#0	17.902	19.88	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.942	19.92	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.942	19.96	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.902	21.28	PASS
Band38	20MHz	64QAM	38000	100RB#0	17.902	20.08	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.942	20.76	PASS



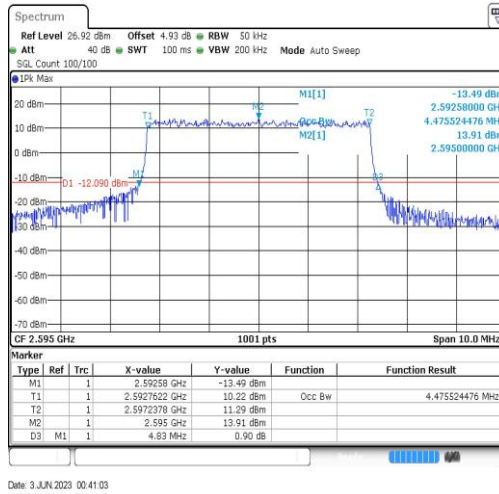
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Band38-5MHz-QPSK-3775-25RB#0-4.476



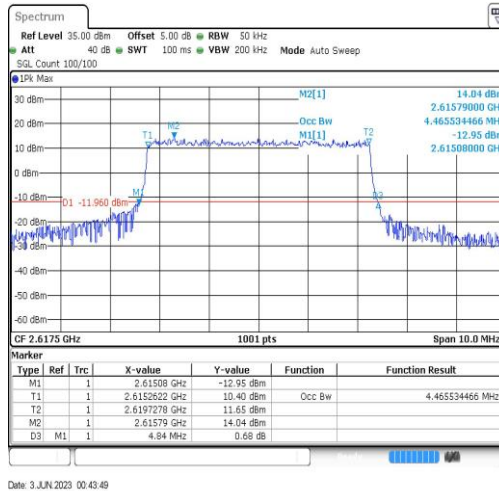
Band38-5MHz-QPSK-3800-25RB#0-4.476



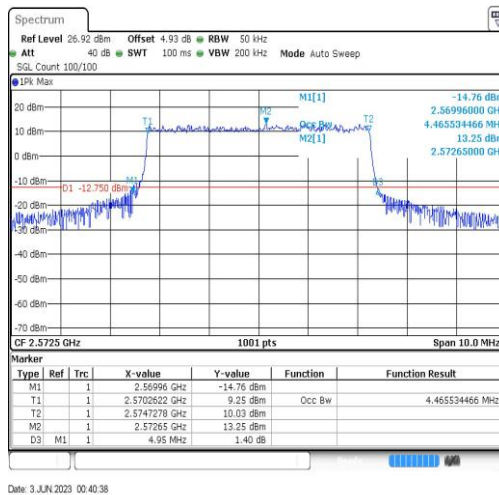
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-5MHz-QPSK-38225-25RB#0-4.466

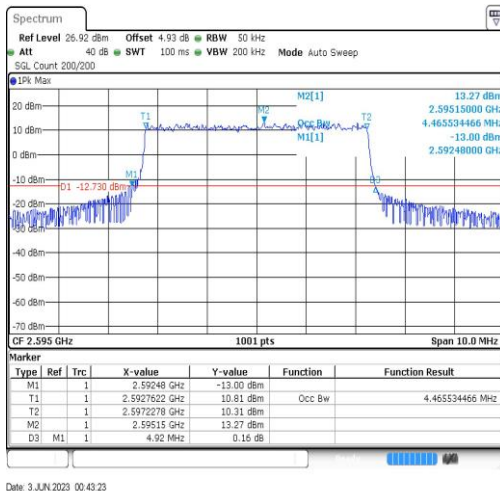


Band38-5MHz-16QAM-37775-25RB#0-4.466



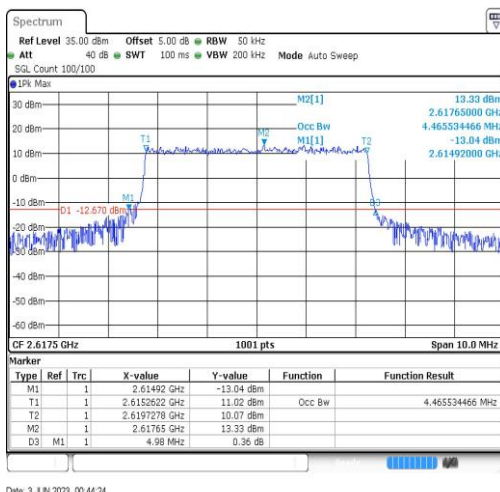
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 00:43:23

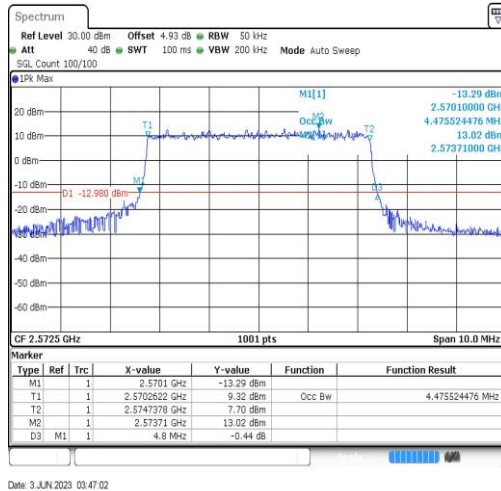
Band38-5MHz-16QAM-38000-25RB#0-4.466



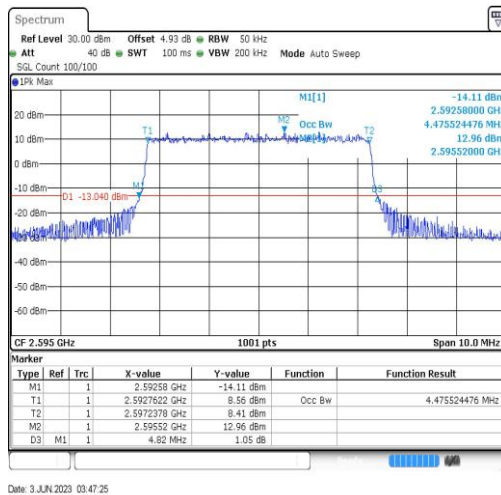
Date: 3.JUN.2023 00:44:24

Band38-5MHz-16QAM-38225-25RB#0-4.466





Band38-5MHz-64QAM-37775-25RB#0-4.476

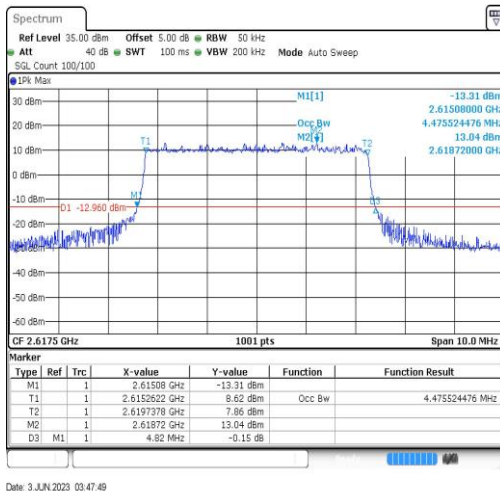


Band38-5MHz-64QAM-38000-25RB#0-4.476



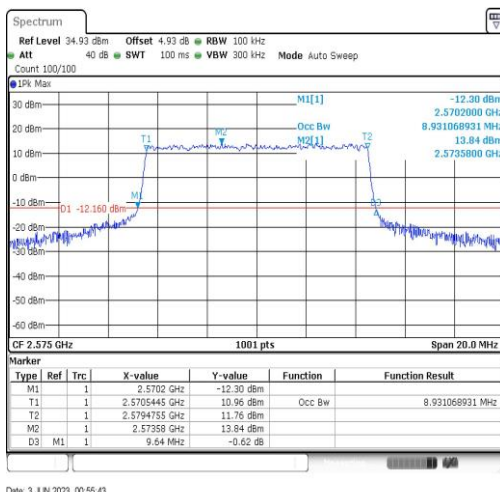
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Date: 3 JUN 2023 03:47:49

Band38-5MHz-64QAM-38225-25RB#0-4.476



Date: 3 JUN 2023 00:55:43

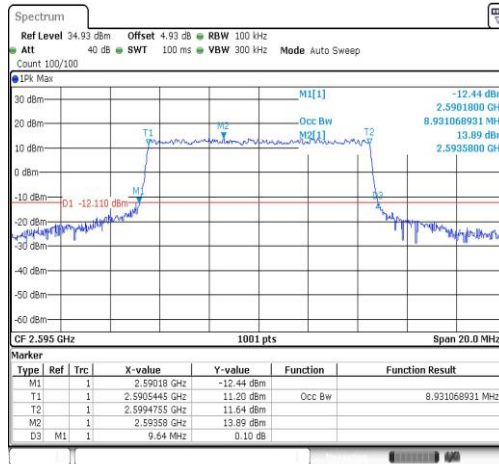
Band38-10MHz-QPSK-37800-50RB#0-8.931



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

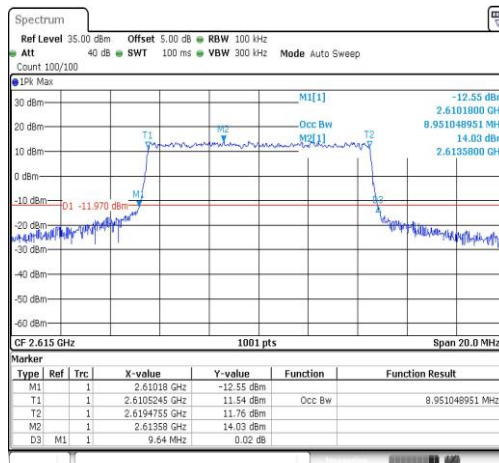
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 00:57:27

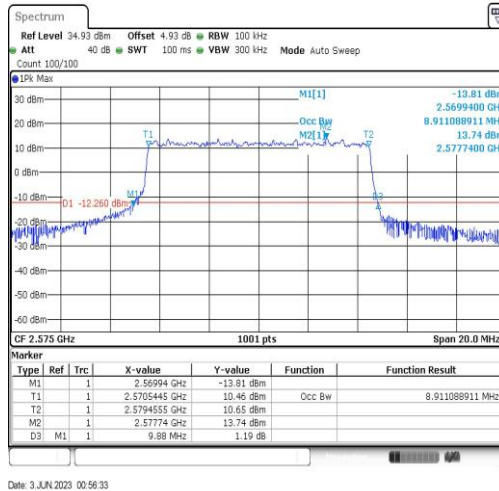
Band38-10MHz-QPSK-38000-50RB#0-8.931



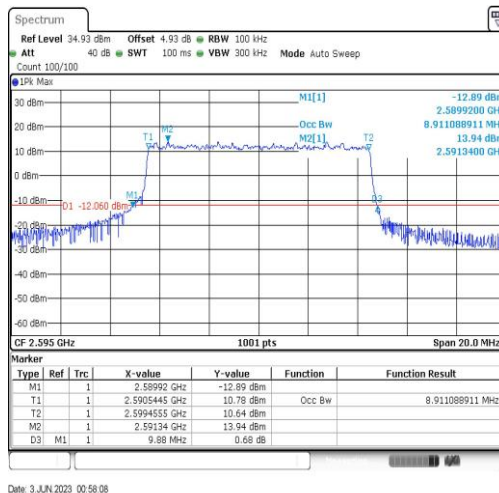
Date: 3.JUN.2023 00:58:59

Band38-10MHz-QPSK-38200-50RB#0-8.951





Band38-10MHz-16QAM-37800-50RB#0-8.911

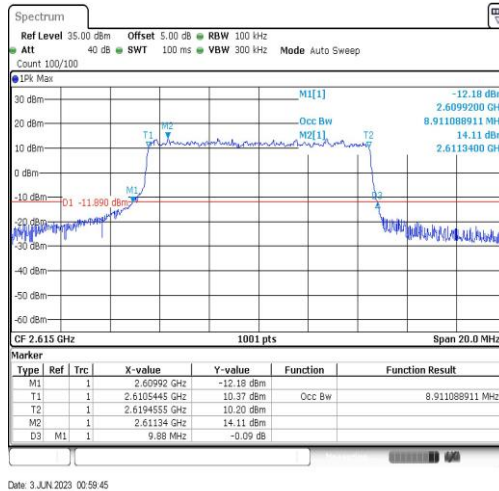


Band38-10MHz-16QAM-38000-50RB#0-8.911



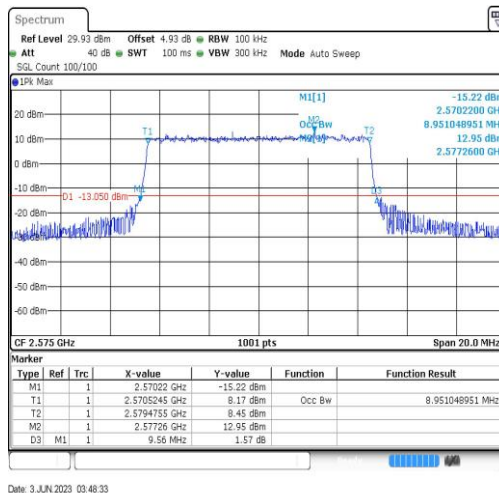
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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



Date: 3.JUN.2023 00:58:45

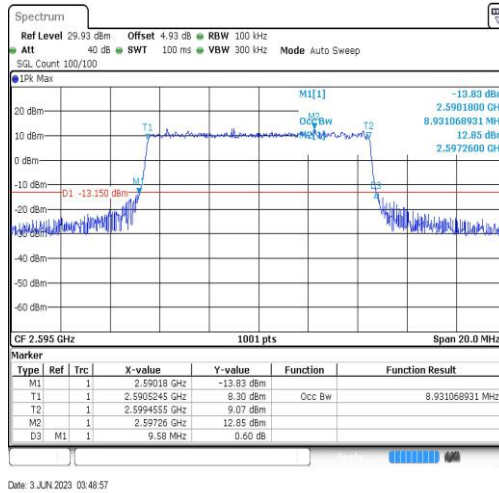
Band38-10MHz-16QAM-38200-50RB#0-8.911



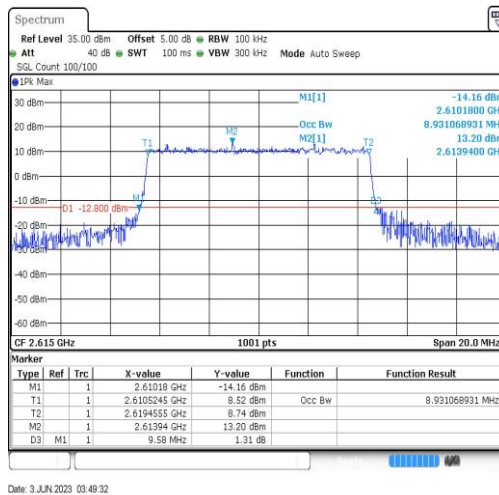
Date: 3.JUN.2023 03:48:33

Band38-10MHz-64QAM-37800-50RB#0-8.951





Band38-10MHz-64QAM-38000-50RB#0-8.931



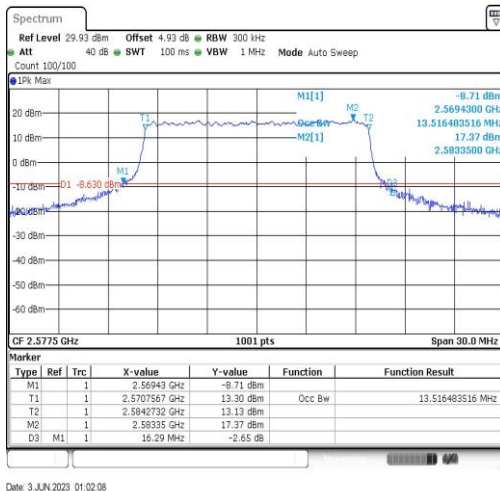
Band38-10MHz-64QAM-38200-50RB#0-8.931



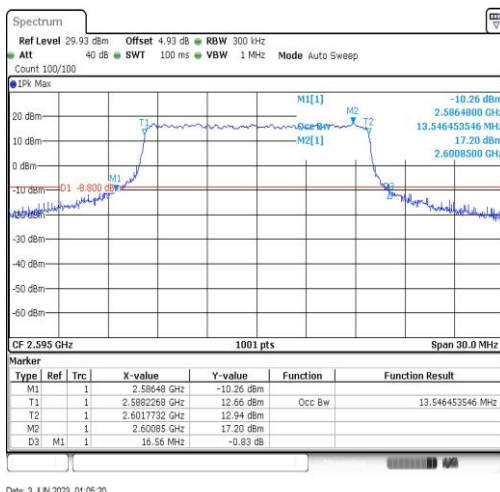
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-15MHz-QPSK-37825-75RB#0-13.516



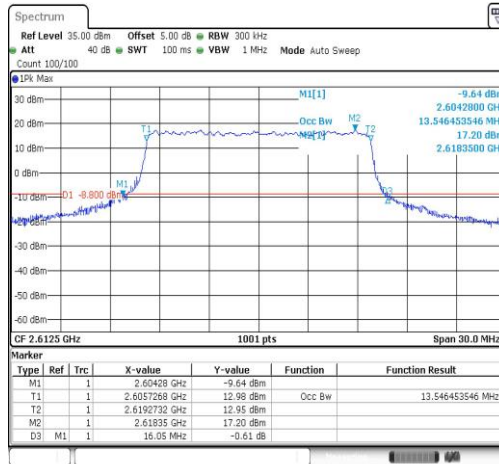
Band38-15MHz-QPSK-38000-75RB#0-13.546



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

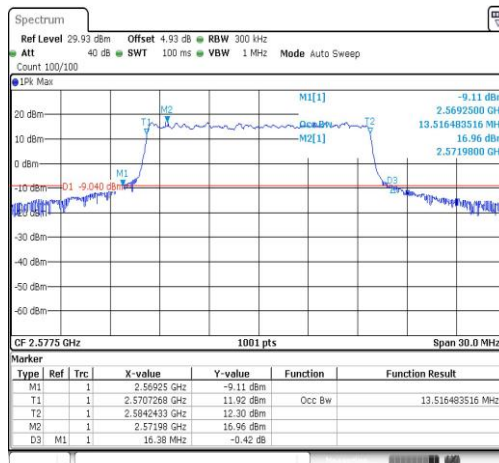
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3 JUN 2023 01:07:21

Band38-15MHz-QPSK-38175-75RB#0-13.546



Date: 3 JUN 2023 01:04:04

Band38-15MHz-16QAM-37825-75RB#0-13.516

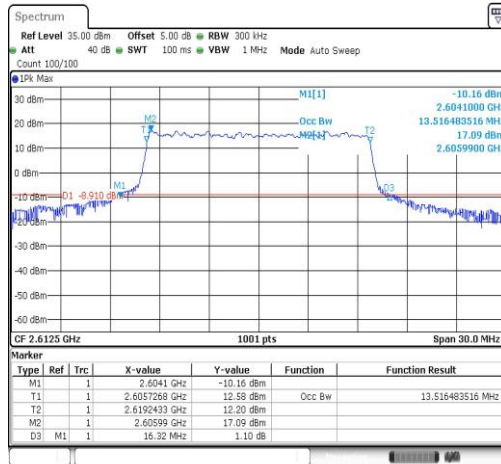


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

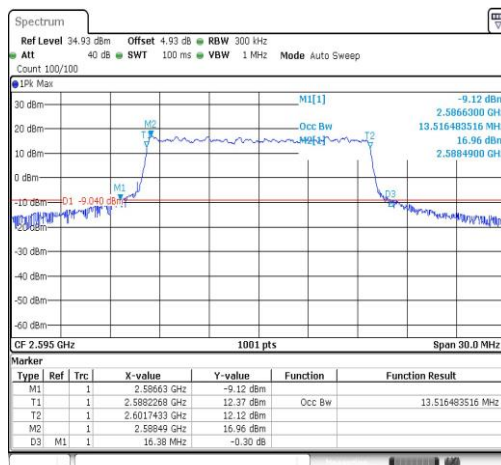
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:08:59

Band38-15MHz-16QAM-38175-75RB#0-13.516



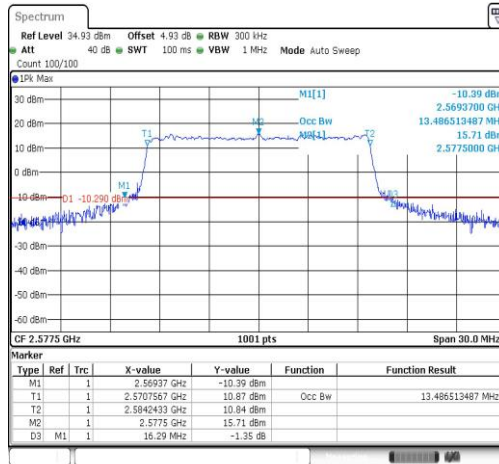
Date: 3.JUN.2023 01:12:46

Band38-15MHz-16QAM-38000-75RB#0-13.516



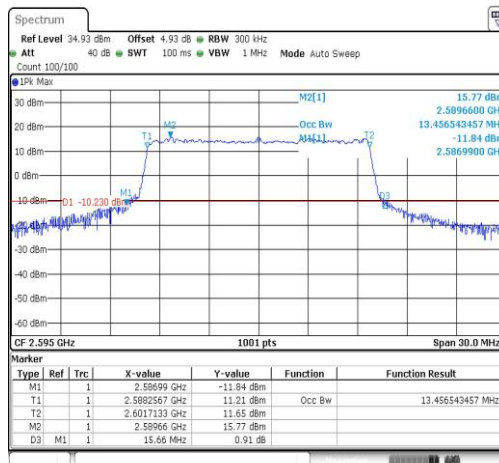
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 04:09:22

Band38-15MHz-64QAM-37825-75RB#0-13.487



Date: 3.JUN.2023 04:10:14

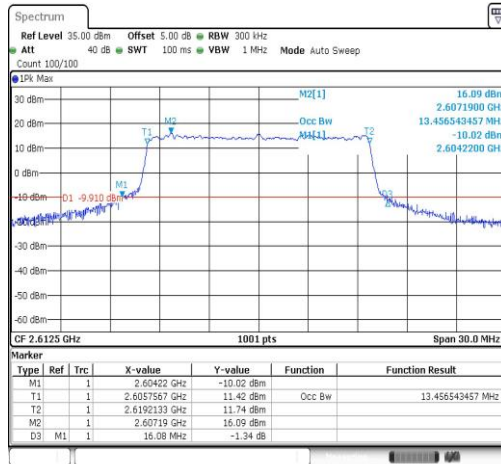
Band38-15MHz-64QAM-38000-75RB#0-13.457



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

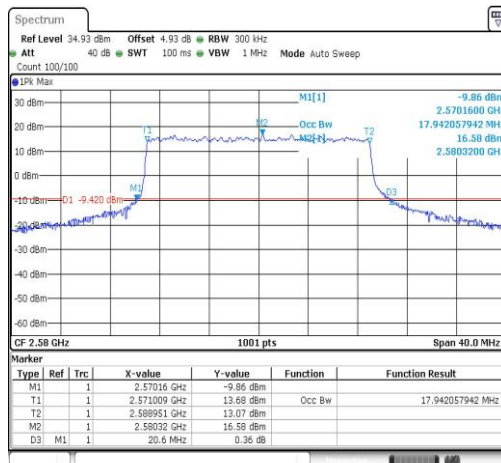
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 04:12:08

Band38-15MHz-64QAM-38175-75RB#0-13.457



Date: 3.JUN.2023 01:20:45

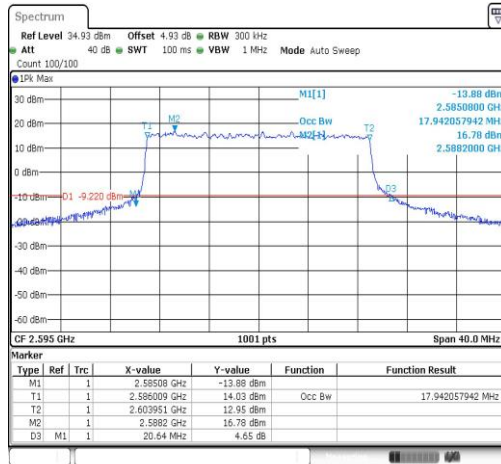
Band38-20MHz-QPSK-37850-100RB#0-17.942



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

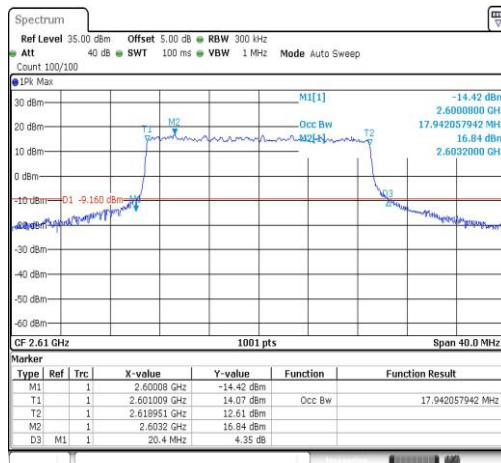
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:25:21

Band38-20MHz-QPSK-38000-100RB#0-17.942



Date: 3.JUN.2023 01:28:51

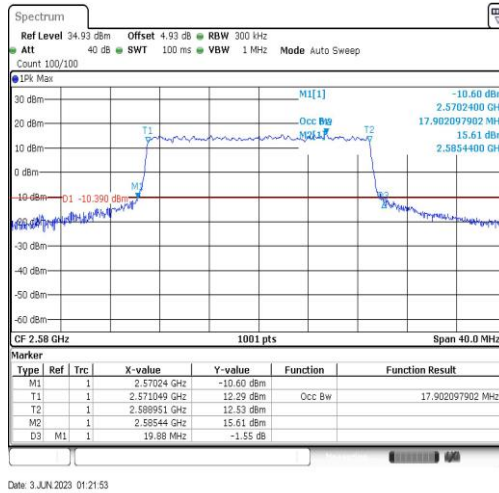
Band38-20MHz-QPSK-38150-100RB#0-17.942



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

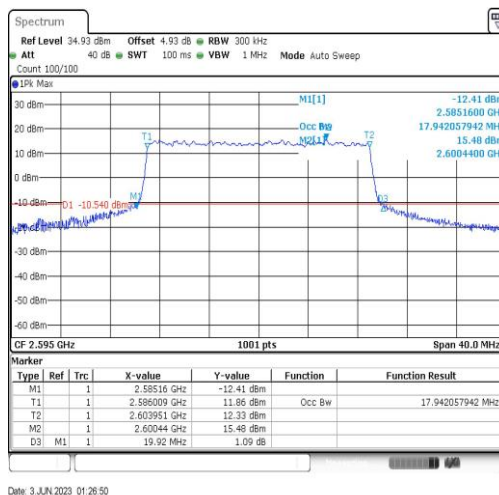
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:21:53

Band38-20MHz-16QAM-37850-100RB#0-17.902



Date: 3.JUN.2023 01:26:50

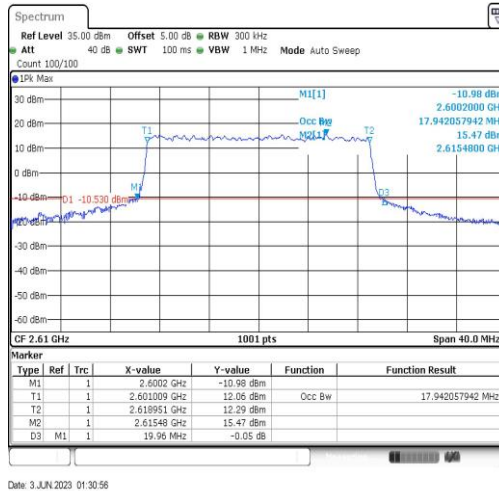
Band38-20MHz-16QAM-38000-100RB#0-17.942



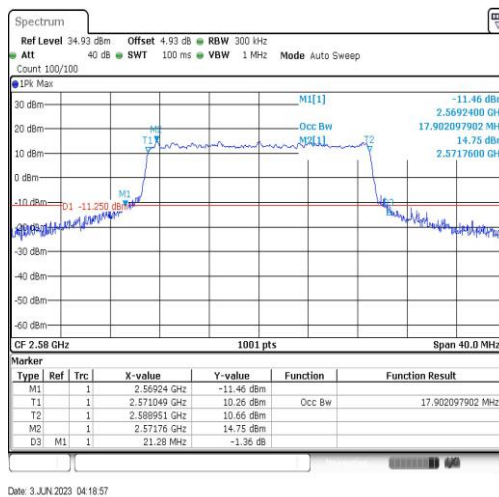
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-16QAM-38150-100RB#0-17.942



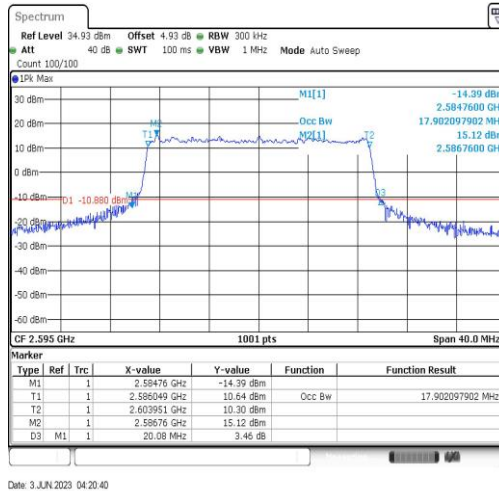
Band38-20MHz-64QAM-37850-100RB#0-17.902



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

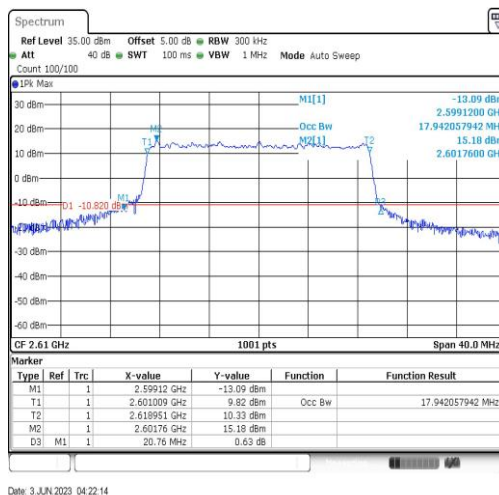
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 04:20:40

Band38-20MHz-64QAM-38000-100RB#0-17.902



Date: 3.JUN.2023 04:22:14

Band38-20MHz-64QAM-38150-100RB#0-17.942



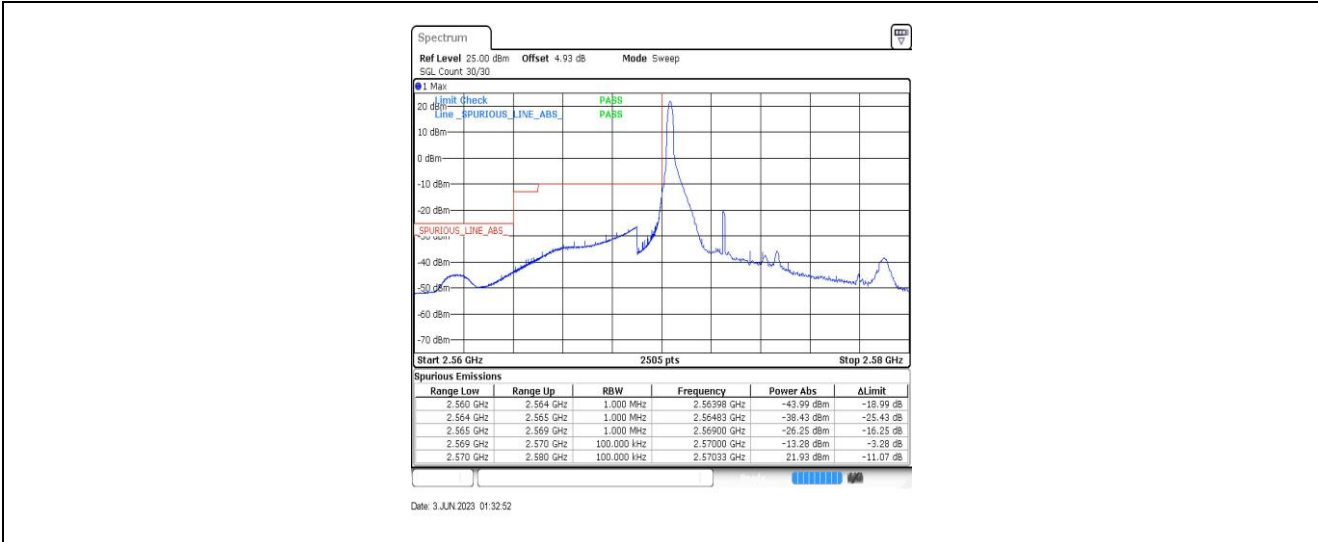
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

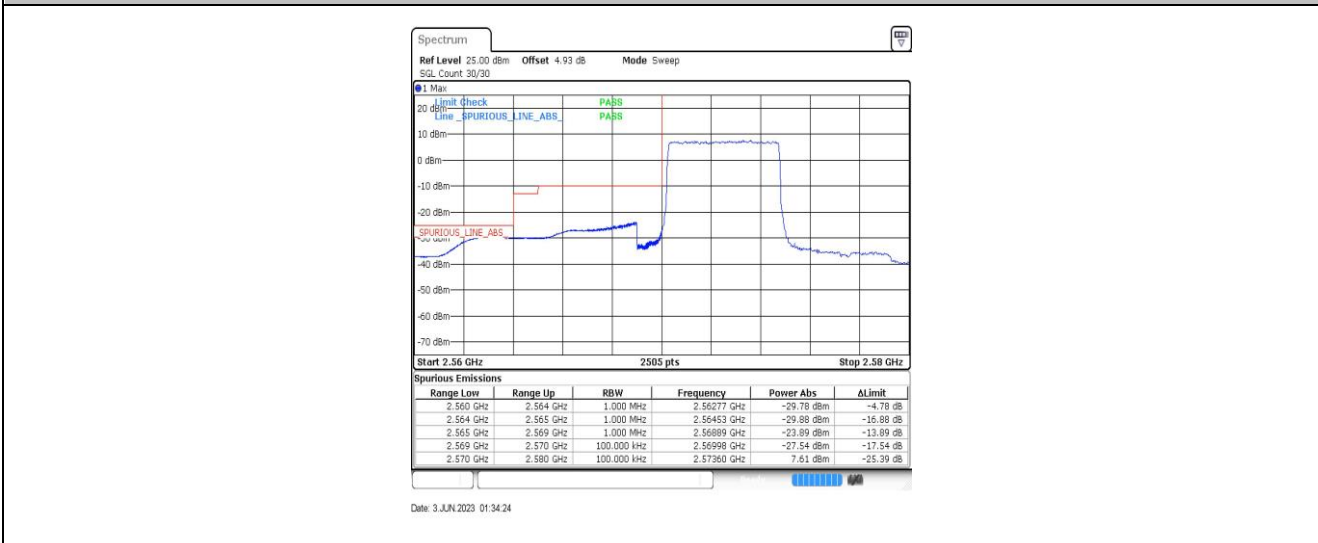
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Band Edge

Test Graphs



Band38-5MHz-QPSK-37775-1RB#0



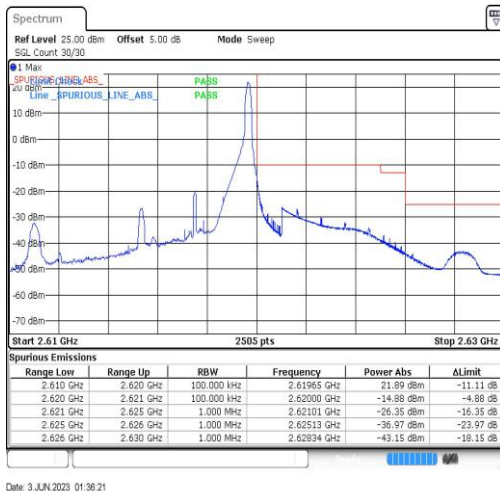
Band38-5MHz-QPSK-37775-25RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-5MHz-QPSK-38225-1RB#24



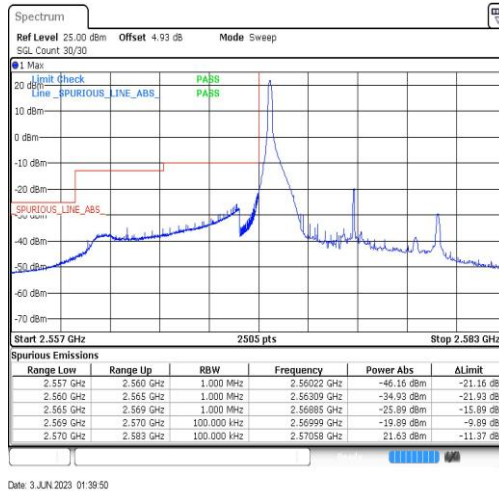
Band38-5MHz-QPSK-38225-25RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

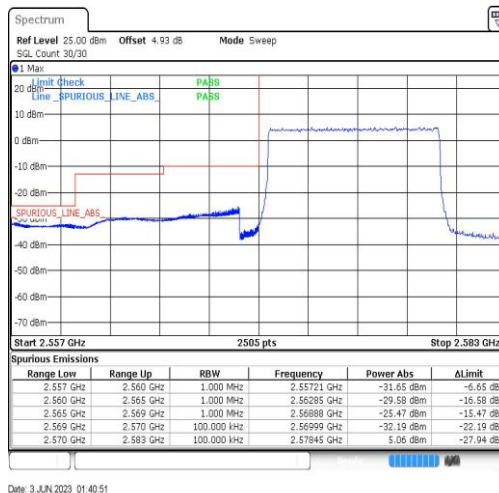
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:39:50

Band38-10MHz-QPSK-37800-1RB#0



Date: 3.JUN.2023 01:40:51

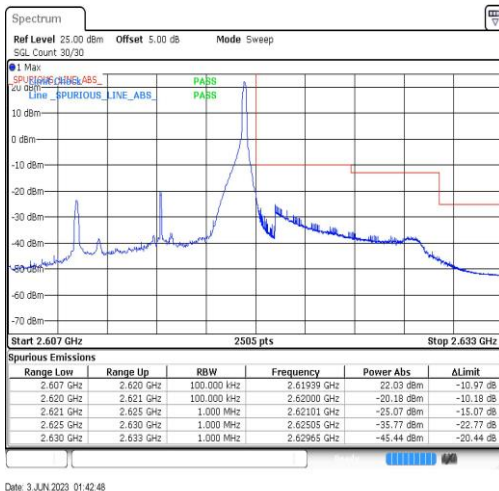
Band38-10MHz-QPSK-37800-50RB#0



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:42:48

Band38-10MHz-QPSK-38200-1RB#49



Date: 3.JUN.2023 01:43:49

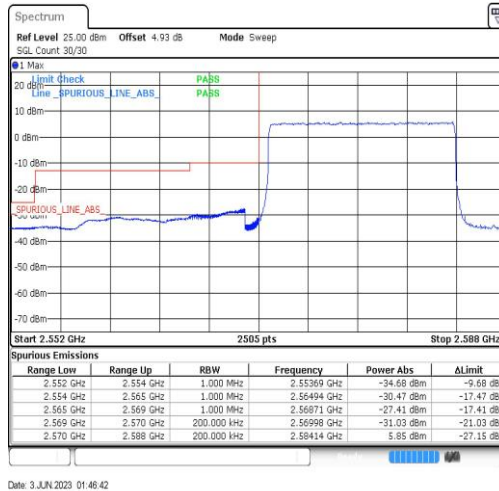
Band38-10MHz-QPSK-38200-50RB#0



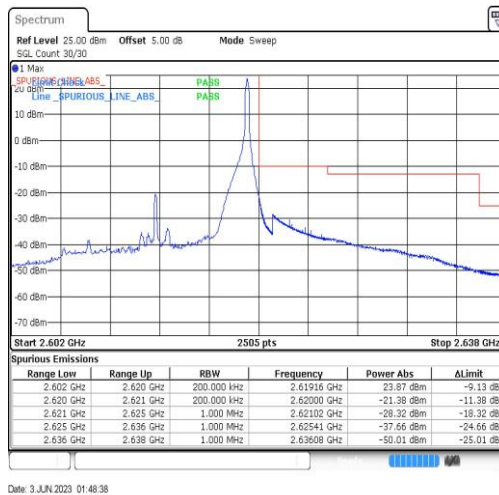
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-15MHz-QPSK-37825-75RB#0

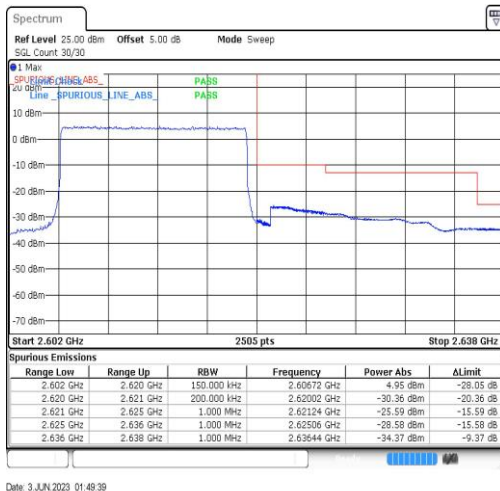


Band38-15MHz-QPSK-38175-1RB#74



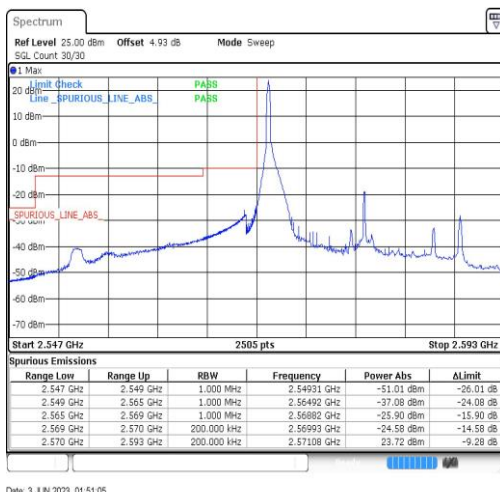
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3.JUN.2023 01:48:39

Band38-15MHz-QPSK-38175-75RB#0



Date: 3.JUN.2023 01:51:05

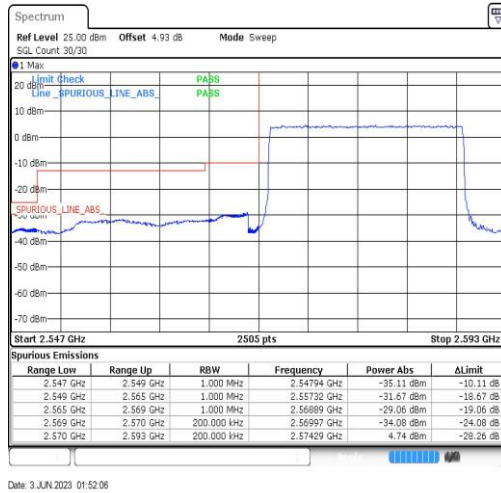
Band38-20MHz-QPSK-37850-1RB#0



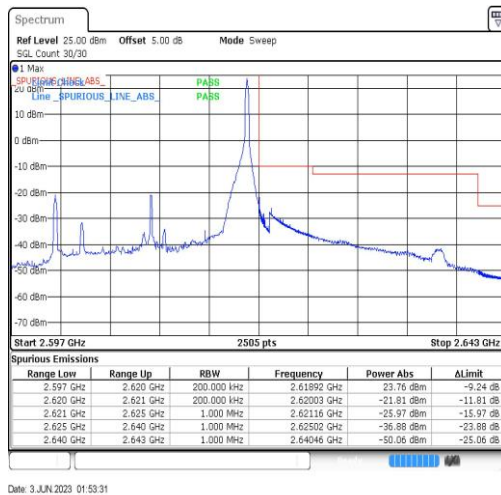
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-QPSK-37850-100RB#0

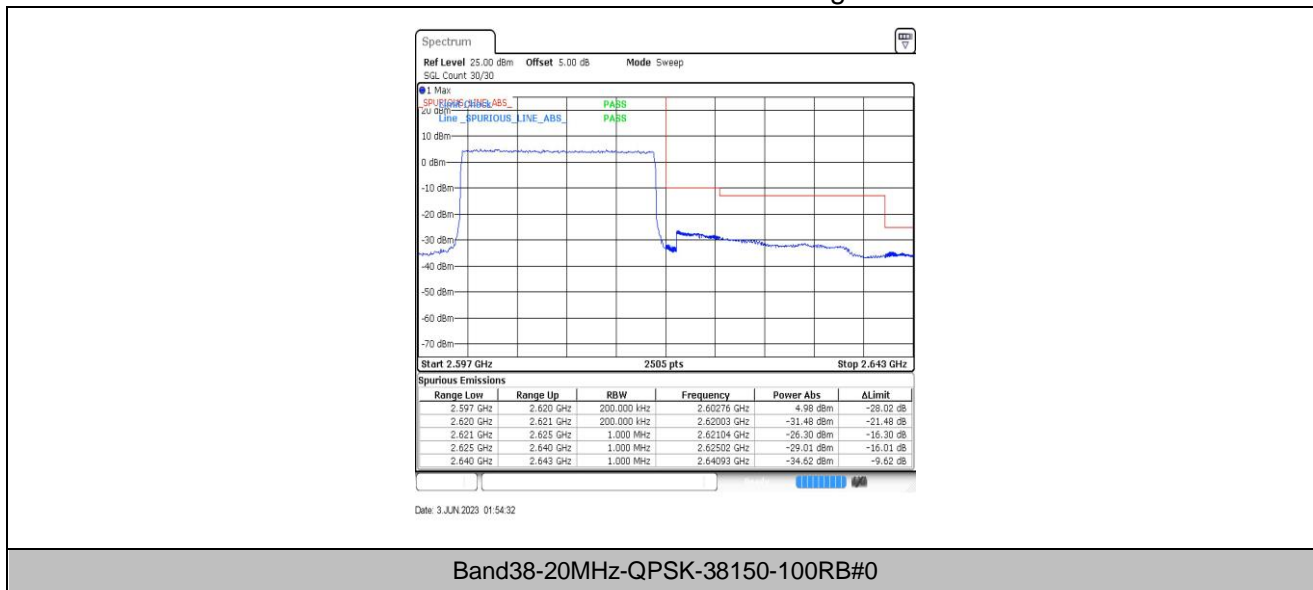


Band38-20MHz-QPSK-38150-1RB#99



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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



Band38-20MHz-QPSK-38150-100RB#0

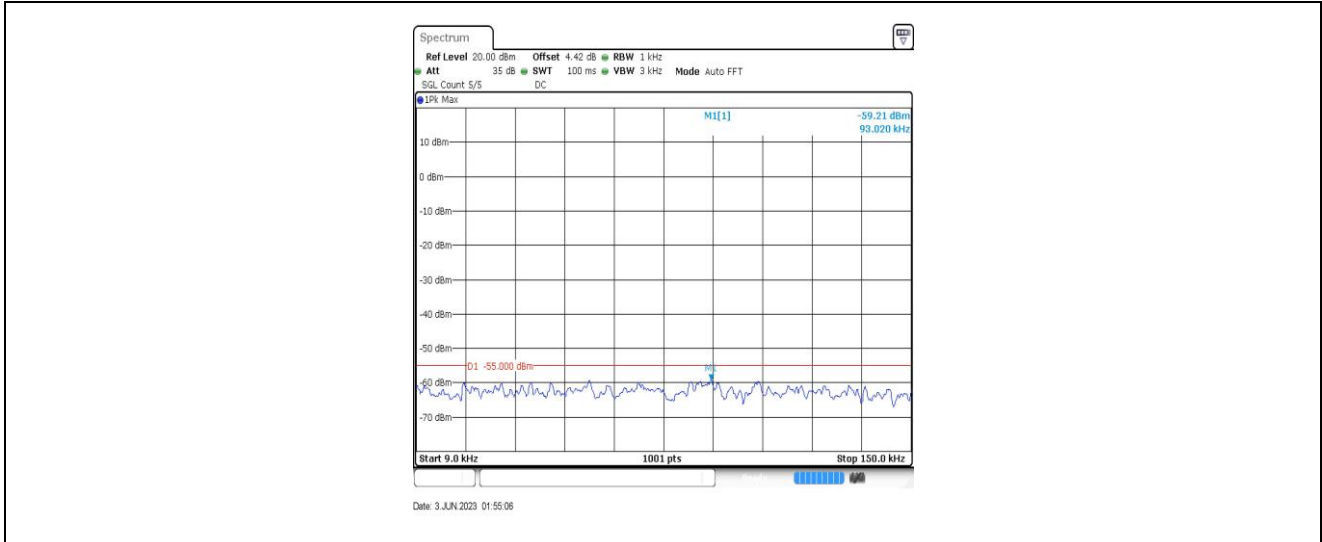


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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.

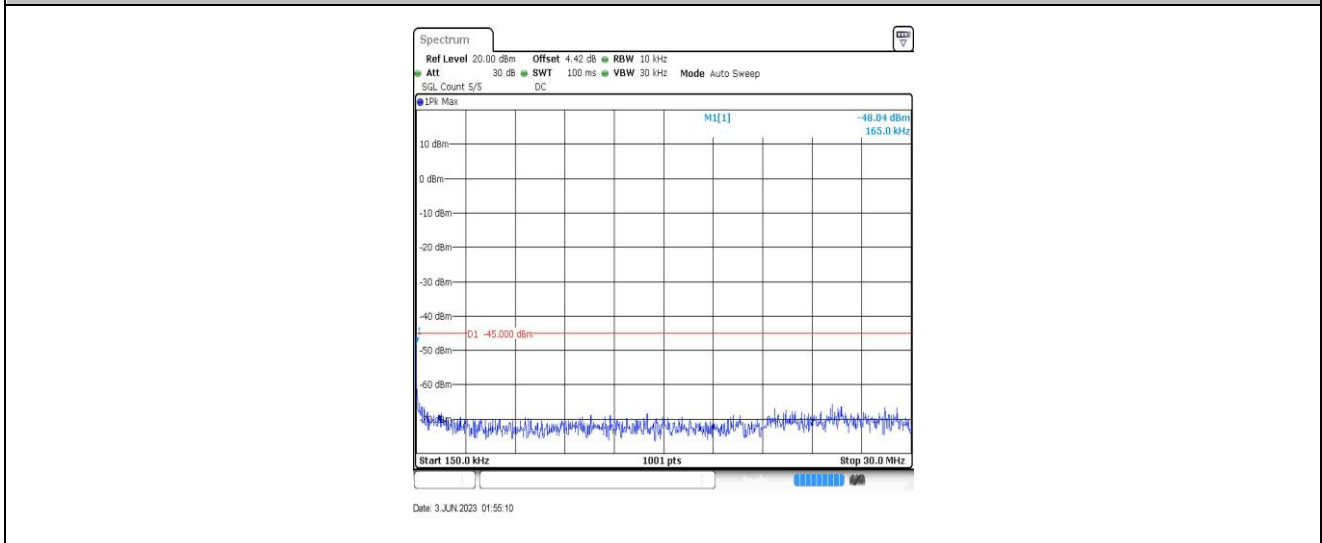
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Conducted Spurious Emission

Test Graphs



Band38-20MHz-QPSK-37850-1RB#0-Range1:0.009~0.15MHz



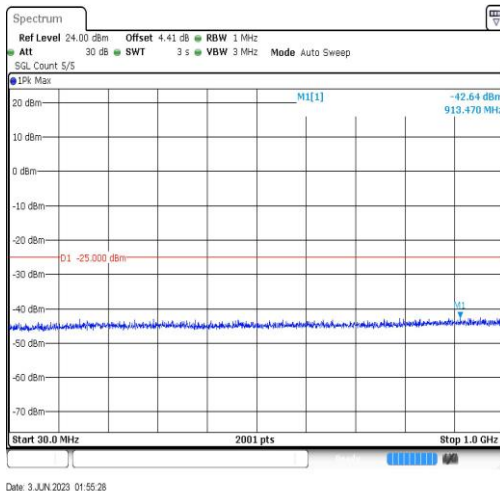
Band38-20MHz-QPSK-37850-1RB#0-Range2:0.15~30MHz



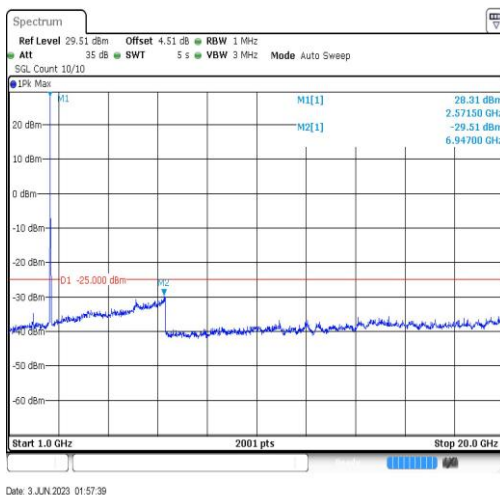
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-QPSK-37850-1RB#0-Range3:30~1000MHz



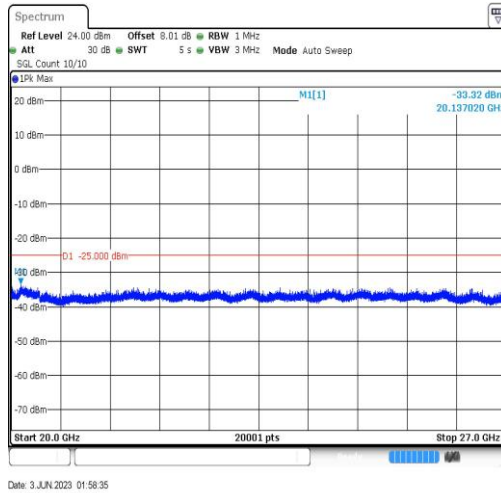
Band38-20MHz-QPSK-37850-1RB#0-Range4:1000~20000MHz



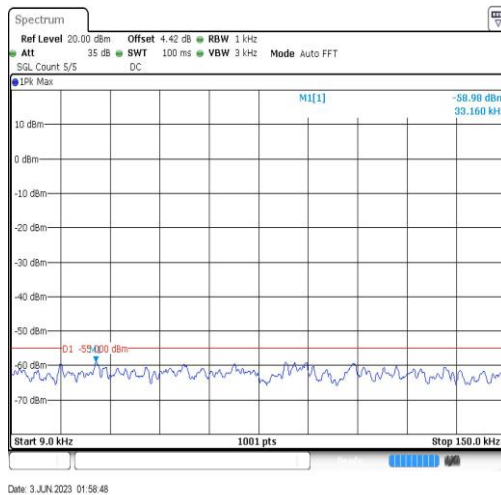
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

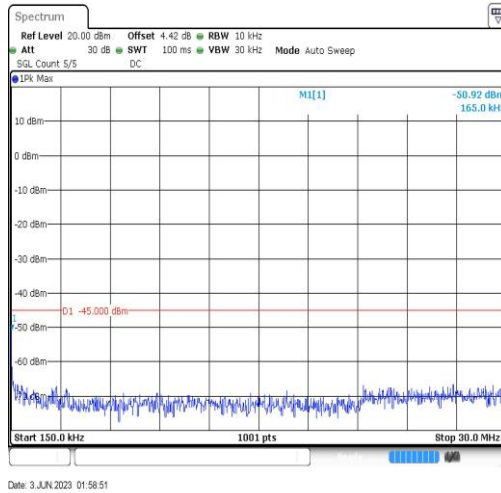


Band38-20MHz-QPSK-37850-1RB#0-Range5:20000~27000MHz

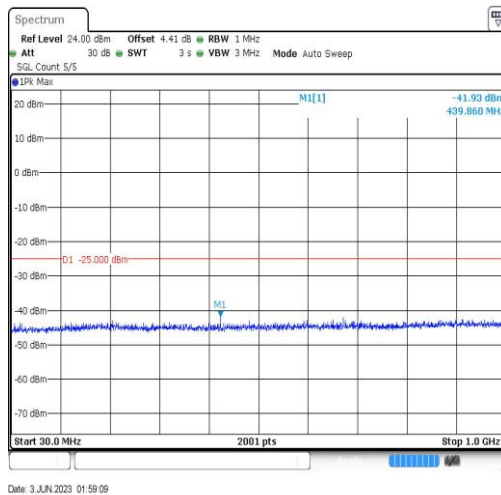


Band38-20MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz





Band38-20MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



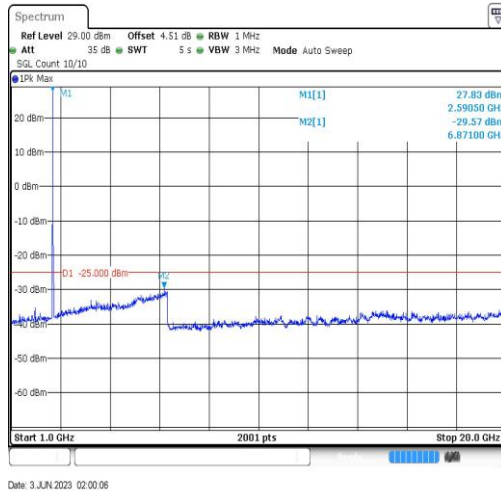
Band38-20MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



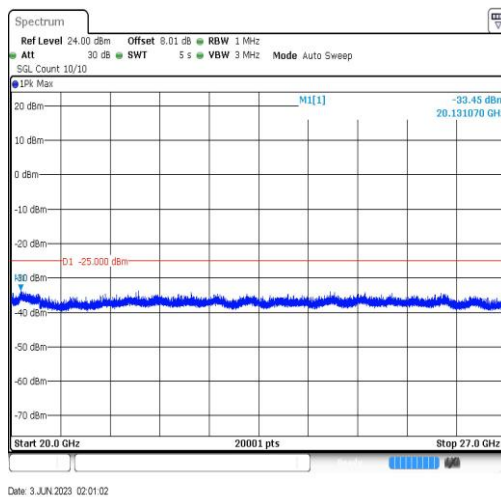
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-QPSK-38000-1RB#0-Range4:1000~20000MHz



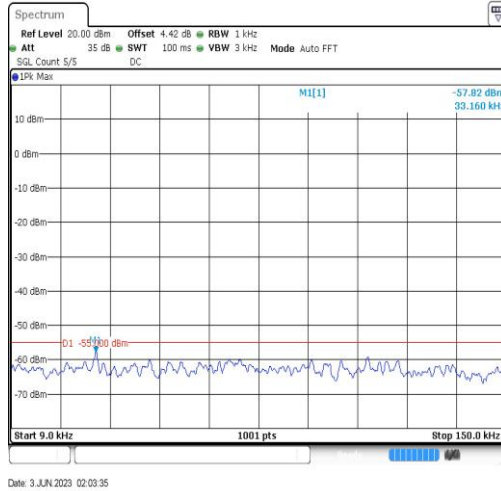
Band38-20MHz-QPSK-38000-1RB#0-Range5:20000~27000MHz



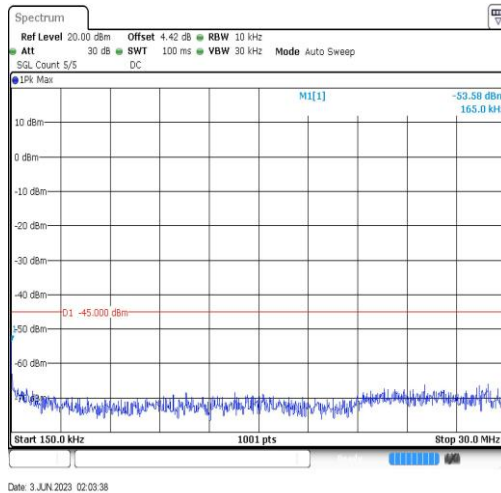
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Band38-20MHz-QPSK-38150-1RB#0-Range1:0.009~0.15MHz



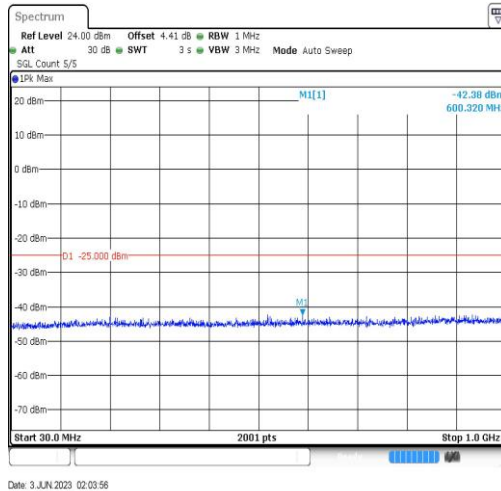
Band38-20MHz-QPSK-38150-1RB#0-Range2:0.15~30MHz



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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.

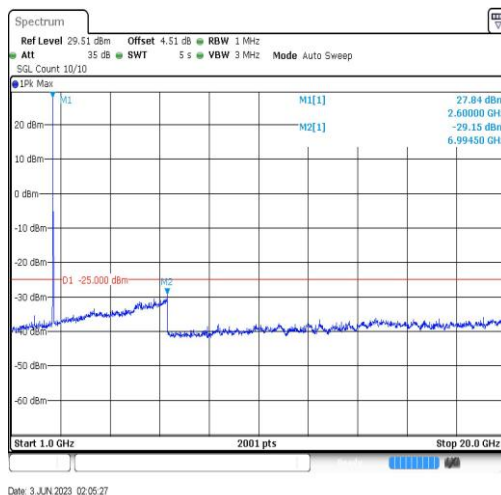
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgsgroup.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Date: 3 JUN 2023 02:03:56

Band38-20MHz-QPSK-38150-1RB#0-Range3:30~1000MHz



Date: 3 JUN 2023 02:05:27

Band38-20MHz-QPSK-38150-1RB#0-Range4:1000~20000MHz

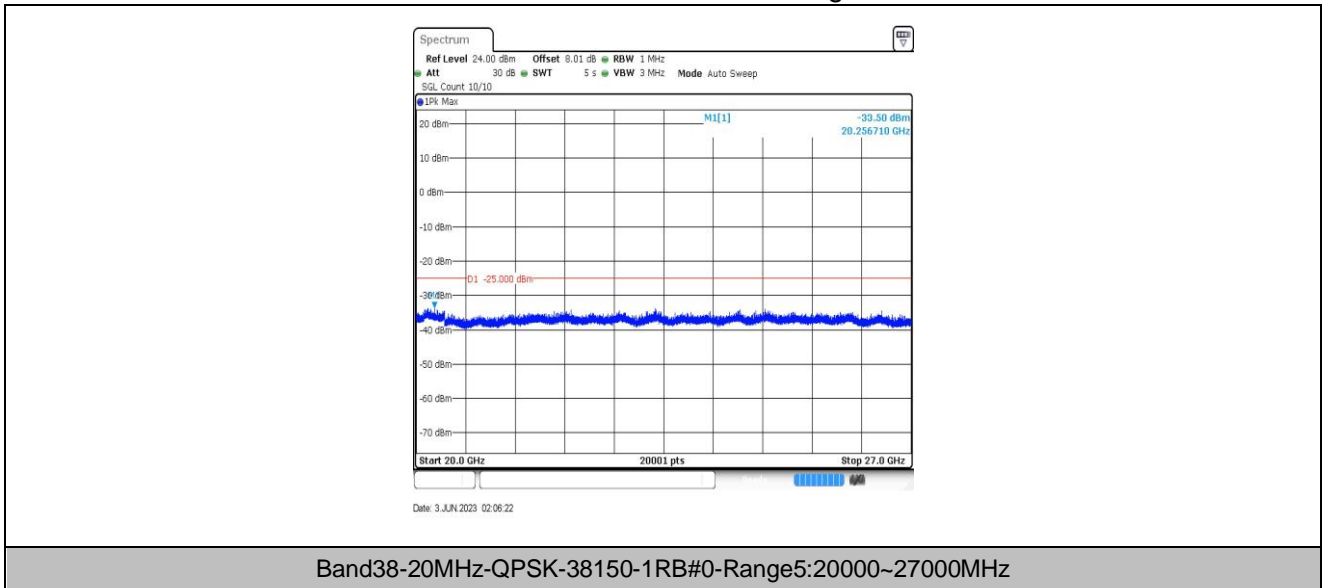


SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

Field Strength of Spurious Radiation

Test Band = LTE_38_ANT 31_TM1

Test Channel = LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1355.5951	35.21	-19.38	25.89	-53.54	-25.00	28.54	168	55	Horizontal
2	2109.4566	36.81	-18.43	27.48	-49.40	-25.00	24.40	169	243	Horizontal
3	4410.6564	51.23	-48.40	32.14	-60.29	-25.00	35.29	333	213	Horizontal
4	7976.5991	47.72	-43.45	37.45	-53.54	-25.00	28.54	292	332	Horizontal
5	11216.7287	46.38	-39.34	39.68	-48.54	-25.00	23.54	165	164	Horizontal
6	15746.9099	44.83	-39.75	39.24	-50.94	-25.00	25.94	171	359	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1199.1332	35.43	-19.34	25.61	-53.56	-25.00	28.56	366	51	Vertical
2	2114.1238	36.82	-18.47	27.47	-49.44	-25.00	24.44	237	133	Vertical
3	3976.239	51.38	-49.08	31.00	-61.96	-25.00	36.96	218	331	Vertical
4	6045.1218	49.26	-45.26	34.41	-56.85	-25.00	31.85	304	286	Vertical
5	11226.9291	46.40	-39.38	39.67	-48.57	-25.00	23.57	108	208	Vertical
6	17989.1996	47.21	-43.93	42.74	-49.24	-25.00	24.24	220	17	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Band = LTE_38_ANT 31_TM1

Test Channel = MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1166.0184	35.07	-19.18	25.80	-53.57	-25.00	28.57	277	281	Horizontal
2	2000.5556	36.51	-18.68	26.80	-50.63	-25.00	25.63	390	314	Horizontal
3	4292.4517	51.26	-48.75	31.85	-60.90	-25.00	35.90	261	55	Horizontal
4	7460.5784	49.03	-43.46	36.68	-53.01	-25.00	28.01	280	311	Horizontal
5	11261.7305	46.53	-39.50	39.64	-48.59	-25.00	23.59	307	338	Horizontal
6	16286.3315	45.12	-40.09	38.37	-51.86	-25.00	26.86	230	17	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1219.1355	35.65	-19.55	25.64	-53.52	-25.00	28.52	344	174	Vertical
2	2002.5558	36.48	-18.68	26.82	-50.64	-25.00	25.64	162	326	Vertical
3	3641.4257	52.60	-49.23	30.37	-61.52	-25.00	36.52	207	104	Vertical
4	5494.8998	49.85	-45.47	33.13	-57.75	-25.00	32.75	377	17	Vertical
5	11199.928	46.66	-39.28	39.70	-48.18	-25.00	23.18	180	55	Vertical
6	16273.1309	45.79	-40.28	38.35	-51.40	-25.00	26.40	352	333	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Band = LTE_38_ANT 31_TM1

Test Channel = HCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1202.6892	35.48	-19.37	25.61	-53.54	-25.00	28.54	187	17	Horizontal
2	1698.2998	35.85	-18.72	25.80	-52.33	-25.00	27.33	292	226	Horizontal
3	3971.4389	51.26	-49.08	30.99	-62.09	-25.00	37.09	321	246	Horizontal
4	6798.752	48.94	-44.93	36.30	-54.95	-25.00	29.95	106	340	Horizontal
5	11217.3287	46.81	-39.35	39.68	-48.12	-25.00	23.12	222	195	Horizontal
6	15935.9174	44.80	-39.58	38.39	-51.65	-25.00	26.65	380	145	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1173.5748	35.25	-19.22	25.76	-53.47	-25.00	28.47	203	283	Vertical
2	1975.4417	36.45	-18.62	26.46	-50.97	-25.00	25.97	234	317	Vertical
3	3636.0254	52.60	-49.28	30.34	-61.60	-25.00	36.60	165	198	Vertical
4	6505.9402	48.00	-44.17	35.11	-56.32	-25.00	31.32	352	131	Vertical
5	11156.1262	46.37	-39.17	39.57	-48.49	-25.00	23.49	353	101	Vertical
6	17921.3969	46.93	-42.98	42.33	-48.98	-25.00	23.98	352	120	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE_38_ANT 13_TM1

Test Channel = LCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1202.6892	35.50	-19.37	25.61	-53.52	-25.00	28.52	169	329	Horizontal
2	4063.2425	52.29	-49.34	30.85	-61.46	-25.00	36.46	363	322	Horizontal
3	5142.0857	52.63	-47.06	33.58	-56.11	-25.00	31.11	297	284	Horizontal
4	7471.9789	49.16	-43.38	36.66	-52.82	-25.00	27.82	181	333	Horizontal
5	11216.1286	47.01	-39.34	39.68	-47.91	-25.00	22.91	332	17	Horizontal
6	17917.7967	46.93	-42.98	42.31	-49.00	-25.00	24.00	382	39	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1635.8484	35.98	-19.10	25.87	-52.51	-25.00	27.51	322	155	Vertical
2	3681.0272	53.13	-49.69	30.34	-61.48	-25.00	36.48	280	93	Vertical
3	6012.1205	49.41	-45.54	34.48	-56.91	-25.00	31.91	398	50	Vertical
4	9045.8418	47.93	-41.85	38.71	-50.47	-25.00	25.47	251	250	Vertical
5	11234.1294	47.66	-39.41	39.67	-47.34	-25.00	22.34	350	262	Vertical
6	17911.1964	46.92	-42.98	42.27	-49.05	-25.00	24.05	152	65	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com



Test Band = LTE_38_ANT 13_TM1

Test Channel = MCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1352.7059	35.50	-19.39	25.89	-53.26	-25.00	28.26	168	280	Horizontal
2	4003.8402	51.75	-49.09	31.08	-61.52	-25.00	36.52	100	334	Horizontal
3	5172.0869	52.79	-46.76	33.03	-56.20	-25.00	31.20	240	290	Horizontal
4	7485.1794	48.71	-43.28	36.63	-53.20	-25.00	28.20	265	101	Horizontal
5	11800.552	46.28	-38.75	39.90	-47.83	-25.00	22.83	308	279	Horizontal
6	17907.5963	46.63	-42.98	42.25	-49.36	-25.00	24.36	312	339	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1656.9619	35.73	-18.98	25.89	-52.62	-25.00	27.62	380	355	Vertical
2	4254.6502	51.84	-48.53	32.07	-59.88	-25.00	34.88	345	173	Vertical
3	6738.1495	48.74	-44.26	36.11	-54.67	-25.00	29.67	368	6	Vertical
4	8990.0396	47.40	-41.74	38.74	-50.86	-25.00	25.86	190	263	Vertical
5	11240.1296	47.43	-39.43	39.66	-47.60	-25.00	22.60	102	252	Vertical
6	17914.7966	46.31	-42.98	42.29	-49.64	-25.00	24.64	108	133	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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 Band = LTE_38_ANT 13_TM1

Test Channel = HCH

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1604.9561	36.05	-19.29	25.81	-52.69	-25.00	27.69	190	76	Horizontal
2	4404.6562	51.54	-48.43	32.17	-59.98	-25.00	34.98	156	45	Horizontal
3	7482.7793	48.45	-43.30	36.63	-53.48	-25.00	28.48	283	84	Horizontal
4	10593.9038	46.75	-40.27	39.29	-49.49	-25.00	24.49	369	247	Horizontal
5	13373.2149	45.87	-39.21	40.30	-48.30	-25.00	23.30	335	225	Horizontal
6	17922.5969	46.45	-42.98	42.34	-49.45	-25.00	24.45	186	40	Horizontal

Final Data List										
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height[cm]	Angle [°]	Polarity
1	1544.5049	35.78	-19.18	25.87	-52.79	-25.00	27.79	302	33	Vertical
2	3559.8224	53.30	-49.69	30.12	-61.53	-25.00	36.53	124	160	Vertical
3	5490.0996	49.91	-45.48	33.16	-57.67	-25.00	32.67	139	181	Vertical
4	9043.4417	48.14	-41.84	38.71	-50.25	-25.00	25.25	328	302	Vertical
5	13336.6135	45.52	-39.35	40.30	-48.79	-25.00	23.79	222	72	Vertical
6	17906.3963	46.57	-42.98	42.24	-49.43	-25.00	24.43	365	263	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 www.sgs.com.cn
 中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 sgs.china@sgs.com

Frequency Stability

Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-21.30	-0.008208	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-11.30	-0.004355	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-17.50	-0.006744	PASS

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-7.90	-0.003044	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-13.30	-0.005125	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-10	-7.50	-0.002890	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-10.90	-0.004200	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-2.10	-0.000809	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-0.10	-0.000039	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-14.80	-0.005703	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-10.60	-0.004085	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-12.30	-0.004740	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 <https://www.sgs.com/en/Terms-and-Conditions>. 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