

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 1 of 60

Appendix B.14

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

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

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

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

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	24.4	26.8	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#12	24.47	26.87	33.00	PASS
Band38	5MHz	QPSK	37775	1RB#24	24.39	26.79	33.00	PASS
Band38	5MHz	QPSK	37775	25RB#0	23.44	25.84	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#0	24.26	26.66	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#12	24.44	26.84	33.00	PASS
Band38	5MHz	QPSK	38000	1RB#24	24.25	26.65	33.00	PASS
Band38	5MHz	QPSK	38000	25RB#0	23.37	25.77	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#0	24.15	26.55	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#12	24.28	26.68	33.00	PASS
Band38	5MHz	QPSK	38225	1RB#24	24.15	26.55	33.00	PASS
Band38	5MHz	QPSK	38225	25RB#0	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#0	23.55	25.95	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#12	23.49	25.89	33.00	PASS
Band38	5MHz	16QAM	37775	1RB#24	23.28	25.68	33.00	PASS
Band38	5MHz	16QAM	37775	25RB#0	22.43	24.83	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#0	23.26	25.66	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#12	23.3	25.7	33.00	PASS
Band38	5MHz	16QAM	38000	1RB#24	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	38000	25RB#0	22.36	24.76	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#0	23.23	25.63	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#12	23.16	25.56	33.00	PASS
Band38	5MHz	16QAM	38225	1RB#24	23.03	25.43	33.00	PASS
Band38	5MHz	16QAM	38225	25RB#0	22.21	24.61	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#0	23.26	25.66	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#12	22.62	25.02	33.00	PASS
Band38	5MHz	64QAM	37775	1RB#24	22.49	24.89	33.00	PASS
Band38	5MHz	64QAM	37775	25RB#0	21.41	23.81	33.00	PASS



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

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

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

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 3 of 60

Band38	5MHz	64QAM	38000	1RB#0	22.4	24.8	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#12	22.41	24.81	33.00	PASS
Band38	5MHz	64QAM	38000	1RB#24	22.29	24.69	33.00	PASS
Band38	5MHz	64QAM	38000	25RB#0	21.35	23.75	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#0	22.29	24.69	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#12	22.25	24.65	33.00	PASS
Band38	5MHz	64QAM	38225	1RB#24	22.25	24.65	33.00	PASS
Band38	5MHz	64QAM	38225	25RB#0	21.2	23.6	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#0	19.22	21.62	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#12	19.39	21.79	33.00	PASS
Band38	5MHz	256QAM	37775	1RB#24	19.29	21.69	33.00	PASS
Band38	5MHz	256QAM	37775	25RB#0	19.44	21.84	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#0	19.1	21.5	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#12	19.38	21.78	33.00	PASS
Band38	5MHz	256QAM	38000	1RB#24	19.17	21.57	33.00	PASS
Band38	5MHz	256QAM	38000	25RB#0	19.35	21.75	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#0	19.01	21.41	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#12	19.23	21.63	33.00	PASS
Band38	5MHz	256QAM	38225	1RB#24	19.01	21.41	33.00	PASS
Band38	5MHz	256QAM	38225	25RB#0	19.19	21.59	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#0	24.31	26.71	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#24	24.41	26.81	33.00	PASS
Band38	10MHz	QPSK	37800	1RB#49	24.36	26.76	33.00	PASS
Band38	10MHz	QPSK	37800	50RB#0	23.44	25.84	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#0	24.23	26.63	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#24	24.35	26.75	33.00	PASS
Band38	10MHz	QPSK	38000	1RB#49	24.33	26.73	33.00	PASS
Band38	10MHz	QPSK	38000	50RB#0	23.39	25.79	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#0	24.12	26.52	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#24	24.22	26.62	33.00	PASS
Band38	10MHz	QPSK	38200	1RB#49	24.07	26.47	33.00	PASS
Band38	10MHz	QPSK	38200	50RB#0	23.24	25.64	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#0	23.3	25.7	33.00	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 4 of 60

Band38	10MHz	16QAM	37800	1RB#24	23.31	25.71	33.00	PASS
Band38	10MHz	16QAM	37800	1RB#49	23.36	25.76	33.00	PASS
Band38	10MHz	16QAM	37800	50RB#0	22.45	24.85	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#0	23.32	25.72	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#24	23.36	25.76	33.00	PASS
Band38	10MHz	16QAM	38000	1RB#49	23.26	25.66	33.00	PASS
Band38	10MHz	16QAM	38000	50RB#0	22.35	24.75	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#0	23.21	25.61	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#24	23.2	25.6	33.00	PASS
Band38	10MHz	16QAM	38200	1RB#49	23.11	25.51	33.00	PASS
Band38	10MHz	16QAM	38200	50RB#0	22.25	24.65	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#0	22.52	24.92	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#24	22.52	24.92	33.00	PASS
Band38	10MHz	64QAM	37800	1RB#49	22.41	24.81	33.00	PASS
Band38	10MHz	64QAM	37800	50RB#0	21.42	23.82	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#0	22.44	24.84	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#24	22.43	24.83	33.00	PASS
Band38	10MHz	64QAM	38000	1RB#49	22.43	24.83	33.00	PASS
Band38	10MHz	64QAM	38000	50RB#0	21.36	23.76	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#0	22.32	24.72	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#24	22.36	24.76	33.00	PASS
Band38	10MHz	64QAM	38200	1RB#49	22.14	24.54	33.00	PASS
Band38	10MHz	64QAM	38200	50RB#0	21.26	23.66	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#0	19.16	21.56	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#24	19.36	21.76	33.00	PASS
Band38	10MHz	256QAM	37800	1RB#49	19.19	21.59	33.00	PASS
Band38	10MHz	256QAM	37800	50RB#0	19.43	21.83	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#0	19.08	21.48	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#24	19.36	21.76	33.00	PASS
Band38	10MHz	256QAM	38000	1RB#49	19.21	21.61	33.00	PASS
Band38	10MHz	256QAM	38000	50RB#0	19.39	21.79	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#0	19.04	21.44	33.00	PASS
Band38	10MHz	256QAM	38200	1RB#24	19.28	21.68	33.00	PASS



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

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

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

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

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 5 of 60

Band38	10MHz	256QAM	38200	1RB#49	19.13	21.53	33.00	PASS
Band38	10MHz	256QAM	38200	50RB#0	19.26	21.66	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#0	24.2	26.6	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#38	24.24	26.64	33.00	PASS
Band38	15MHz	QPSK	37825	1RB#74	24.11	26.51	33.00	PASS
Band38	15MHz	QPSK	37825	75RB#0	23.3	25.7	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#0	24.03	26.43	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#38	24.17	26.57	33.00	PASS
Band38	15MHz	QPSK	38000	1RB#74	24.12	26.52	33.00	PASS
Band38	15MHz	QPSK	38000	75RB#0	23.22	25.62	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.96	26.36	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#38	24.1	26.5	33.00	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.95	26.35	33.00	PASS
Band38	15MHz	QPSK	38175	75RB#0	23.14	25.54	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#0	23.13	25.53	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#38	23.22	25.62	33.00	PASS
Band38	15MHz	16QAM	37825	1RB#74	23.05	25.45	33.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	22.32	24.72	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#0	23.09	25.49	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#38	23.21	25.61	33.00	PASS
Band38	15MHz	16QAM	38000	1RB#74	23.16	25.56	33.00	PASS
Band38	15MHz	16QAM	38000	75RB#0	22.23	24.63	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#0	23.13	25.53	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#38	23.11	25.51	33.00	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.93	25.33	33.00	PASS
Band38	15MHz	16QAM	38175	75RB#0	22.17	24.57	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#0	22.15	24.55	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#38	22.23	24.63	33.00	PASS
Band38	15MHz	64QAM	37825	1RB#74	22.2	24.6	33.00	PASS
Band38	15MHz	64QAM	37825	75RB#0	21.33	23.73	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#0	22.24	24.64	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#38	22.17	24.57	33.00	PASS
Band38	15MHz	64QAM	38000	1RB#74	22.11	24.51	33.00	PASS



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

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

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

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

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 6 of 60

Band38	15MHz	64QAM	38000	75RB#0	21.25	23.65	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#0	22.18	24.58	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#38	22.18	24.58	33.00	PASS
Band38	15MHz	64QAM	38175	1RB#74	22	24.4	33.00	PASS
Band38	15MHz	64QAM	38175	75RB#0	21.15	23.55	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#0	19.07	21.47	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#38	19.13	21.53	33.00	PASS
Band38	15MHz	256QAM	37825	1RB#74	19.18	21.58	33.00	PASS
Band38	15MHz	256QAM	37825	75RB#0	19.29	21.69	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#0	19.08	21.48	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#38	19.02	21.42	33.00	PASS
Band38	15MHz	256QAM	38000	1RB#74	19.13	21.53	33.00	PASS
Band38	15MHz	256QAM	38000	75RB#0	19.25	21.65	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#0	19.18	21.58	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#38	19.06	21.46	33.00	PASS
Band38	15MHz	256QAM	38175	1RB#74	18.91	21.31	33.00	PASS
Band38	15MHz	256QAM	38175	75RB#0	19.18	21.58	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#0	24.15	26.55	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#49	24.21	26.61	33.00	PASS
Band38	20MHz	QPSK	37850	1RB#99	24.09	26.49	33.00	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.31	25.71	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.86	26.26	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#49	24.18	26.58	33.00	PASS
Band38	20MHz	QPSK	38000	1RB#99	24.1	26.5	33.00	PASS
Band38	20MHz	QPSK	38000	100RB#0	23.22	25.62	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.92	26.32	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#49	24.14	26.54	33.00	PASS
Band38	20MHz	QPSK	38150	1RB#99	24.05	26.45	33.00	PASS
Band38	20MHz	QPSK	38150	100RB#0	23.18	25.58	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#0	23.1	25.5	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#49	23.28	25.68	33.00	PASS
Band38	20MHz	16QAM	37850	1RB#99	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	37850	100RB#0	22.3	24.7	33.00	PASS



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

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

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

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

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 7 of 60

Band38	20MHz	16QAM	38000	1RB#0	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#49	23.3	25.7	33.00	PASS
Band38	20MHz	16QAM	38000	1RB#99	23.09	25.49	33.00	PASS
Band38	20MHz	16QAM	38000	100RB#0	22.23	24.63	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#0	23.13	25.53	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#49	23.08	25.48	33.00	PASS
Band38	20MHz	16QAM	38150	1RB#99	23.03	25.43	33.00	PASS
Band38	20MHz	16QAM	38150	100RB#0	22.2	24.6	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#0	22.24	24.64	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#49	22.27	24.67	33.00	PASS
Band38	20MHz	64QAM	37850	1RB#99	22.22	24.62	33.00	PASS
Band38	20MHz	64QAM	37850	100RB#0	21.3	23.7	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#0	22.27	24.67	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#49	22.33	24.73	33.00	PASS
Band38	20MHz	64QAM	38000	1RB#99	22.12	24.52	33.00	PASS
Band38	20MHz	64QAM	38000	100RB#0	21.2	23.6	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#0	22.25	24.65	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#49	22.18	24.58	33.00	PASS
Band38	20MHz	64QAM	38150	1RB#99	21.98	24.38	33.00	PASS
Band38	20MHz	64QAM	38150	100RB#0	21.17	23.57	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#0	19.14	21.54	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#49	19.27	21.67	33.00	PASS
Band38	20MHz	256QAM	37850	1RB#99	19.2	21.6	33.00	PASS
Band38	20MHz	256QAM	37850	100RB#0	19.29	21.69	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#0	19.14	21.54	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#49	19.2	21.6	33.00	PASS
Band38	20MHz	256QAM	38000	1RB#99	19.18	21.58	33.00	PASS
Band38	20MHz	256QAM	38000	100RB#0	19.24	21.64	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#0	19.1	21.5	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#49	19.27	21.67	33.00	PASS
Band38	20MHz	256QAM	38150	1RB#99	18.99	21.39	33.00	PASS
Band38	20MHz	256QAM	38150	100RB#0	19.19	21.59	33.00	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 8 of 60

Peak-to-Average Ratio(CCDF)**Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.56	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.88	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.64	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.36	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.60	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	9.44	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	9.58	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	10.02	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.84	13	PASS
Band38	20MHz	256QAM	37850	100RB#0	10.20	13	PASS
Band38	20MHz	256QAM	38000	100RB#0	10.04	13	PASS
Band38	20MHz	256QAM	38150	100RB#0	9.86	13	PASS



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

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

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

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

Member of the SGS Group (SGS SA)

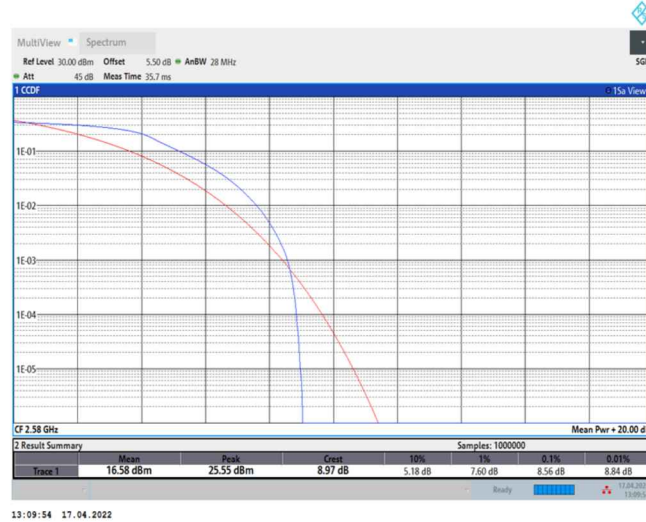
Report No.: SEWA2309000114RG01

Rev.: 01

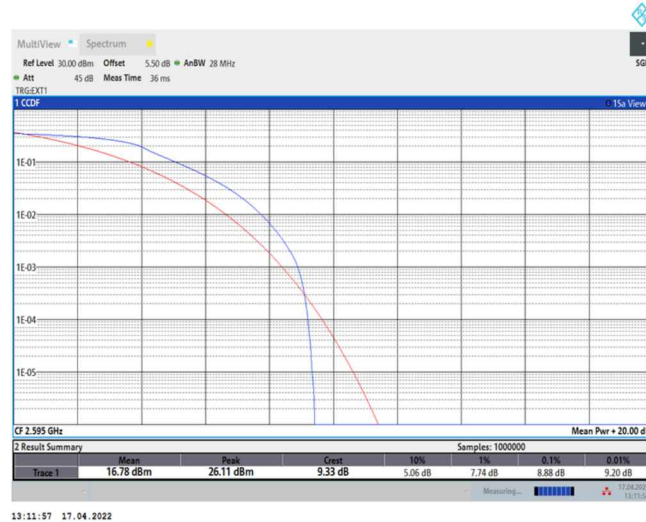
Page: 9 of 60

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

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

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

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

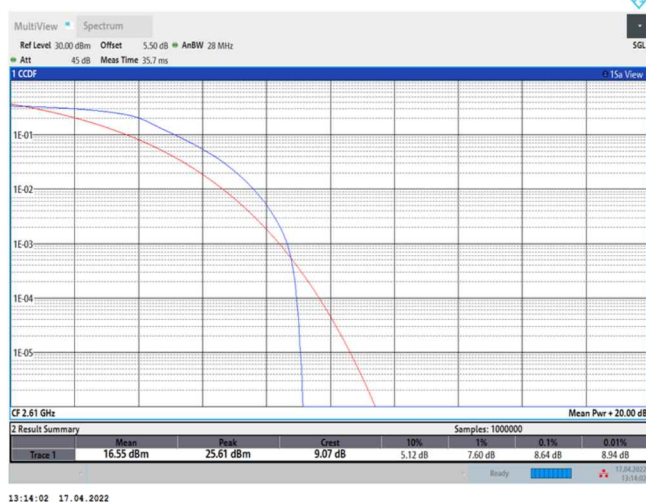
Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG01

Rev.: 01

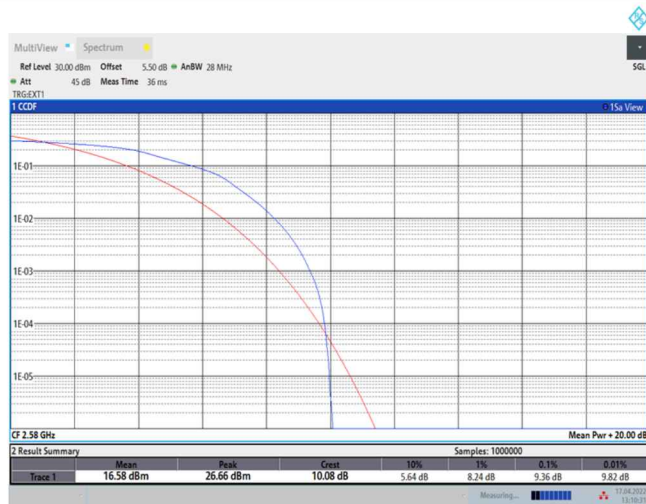
Page: 10 of 60

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



13:14:02 17.04.2022

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



13:10:32 17.04.2022



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

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

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

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

Member of the SGS Group (SGS SA)

Report No.: SEWA2309000114RG01

Rev.: 01

Page: 11 of 60

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



13:12:29 17.04.2022

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



13:14:28 17.04.2022



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

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

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

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

Member of the SGS Group (SGS SA)