

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 84 of 89

Test Band = UL CA Band 43C 3700M-3800M_ TM1
Test Channel = Mid Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5915.6667	52.62	-104.31	-51.69	-13.00	38.69	263	1	Horizontal
2	7462.38	49.76	-100.52	-50.76	-13.00	37.76	284	308	Horizontal
3	9297.8333	49.98	-95.08	-45.10	-13.00	32.10	176	215	Horizontal
4	11193.57	43.32	-90.93	-47.61	-13.00	34.61	251	215	Horizontal
5	14924.76	41.36	-90.22	-48.86	-13.00	35.86	142	334	Horizontal
6	17863.5	43.72	-84.28	-40.56	-13.00	27.56	288	321	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6158.3333	51.18	-103.08	-51.90	-13.00	38.90	263	227	Vertical
2	7462.38	54.30	-100.52	-46.22	-13.00	33.22	285	50	Vertical
3	9327	49.72	-94.88	-45.16	-13.00	32.16	265	347	Vertical
4	11193.57	44.42	-90.93	-46.51	-13.00	33.51	241	347	Vertical
5	14924.76	41.70	-90.22	-48.52	-13.00	35.52	177	38	Vertical
6	17864.6667	42.58	-84.28	-41.70	-13.00	28.70	186	50	Vertical



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

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

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

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

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 85 of 89

Test Band = UL CA Band 43C 3700M-3800M_ TM1
Test Channel = High Channel

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6417.3333	52.52	-102.57	-50.05	-13.00	37.05	142	199	Horizontal
2	7522.58	49.86	-100.22	-50.36	-13.00	37.36	286	347	Horizontal
3	9315.3333	49.72	-94.97	-45.25	-13.00	32.25	255	174	Horizontal
4	11283.87	42.74	-91.12	-48.38	-13.00	35.38	144	357	Horizontal
5	15045.16	42.57	-90.30	-47.73	-13.00	34.73	163	279	Horizontal
6	17846	43.07	-84.29	-41.22	-13.00	28.22	255	266	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6670.5	52.93	-101.95	-49.02	-13.00	36.02	263	52	Vertical
2	7522.58	54.09	-100.22	-46.13	-13.00	33.13	285	320	Vertical
3	9308.3333	49.52	-95.02	-45.50	-13.00	32.50	263	158	Vertical
4	11283.87	44.17	-91.12	-46.95	-13.00	33.95	255	0	Vertical
5	15045.16	44.17	-90.30	-46.13	-13.00	33.13	144	357	Vertical
6	17863.5	43.30	-84.28	-40.98	-13.00	27.98	185	64	Vertical



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

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

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

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

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 86 of 89

Test on the worst case for SEWM2304000122RG01:

Test Band = LTE UL CA Band 43C 3700M-3800M_ TM1
Test Channel = Low Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9433.9375	38.03	-37.80	38.56	-56.48	-13.00	43.48	296	359	Horizontal
2	13068.8958	34.23	-34.70	39.64	-56.09	-13.00	43.09	265	347	Horizontal
3	17360.3125	32.34	-31.78	40.04	-54.65	-13.00	41.65	284	130	Horizontal
4	7402.18	41.46	-41.98	36.44	-59.34	-13.00	46.34	142	204	Horizontal
5	11103.27	32.27	-35.16	39.50	-58.65	-13.00	45.65	263	130	Horizontal
6	14804.36	31.20	-33.88	39.40	-58.55	-13.00	45.55	228	147	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9322.2917	38.15	-38.23	38.57	-56.77	-13.00	43.77	196	3	Vertical
2	13074.1667	34.02	-34.68	39.64	-56.28	-13.00	43.28	265	360	Vertical
3	16929.5417	33.26	-31.94	38.55	-55.39	-13.00	42.39	284	354	Vertical
4	7402.18	41.35	-41.98	36.44	-59.45	-13.00	46.45	142	180	Vertical
5	11103.27	32.64	-35.16	39.50	-58.28	-13.00	45.28	263	310	Vertical
6	14804.36	31.03	-33.88	39.40	-58.72	-13.00	45.72	228	3	Vertical



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

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

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

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

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 87 of 89

Test Band = LTE UL CA Band 43C 3700M-3800M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9583.4375	37.53	-37.83	38.54	-57.02	-13.00	44.02	296	258	Horizontal
2	13313.2708	34.12	-35.09	39.79	-56.44	-13.00	43.44	265	111	Horizontal
3	17060.3542	33.58	-32.23	38.84	-55.07	-13.00	42.07	284	220	Horizontal
4	7482.18	39.40	-41.66	36.49	-61.03	-13.00	48.03	142	330	Horizontal
5	11223.27	32.75	-35.10	39.38	-58.23	-13.00	45.23	263	360	Horizontal
6	14964.36	31.25	-34.32	39.24	-59.09	-13.00	46.09	225	130	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9433.4583	37.82	-37.80	38.56	-56.68	-13.00	43.68	102	360	Vertical
2	12705.6875	34.71	-35.36	39.31	-56.60	-13.00	43.60	265	92	Vertical
3	17277.4167	33.09	-31.82	39.71	-54.28	-13.00	41.28	254	279	Vertical
4	7482.18	39.75	-41.66	36.49	-60.68	-13.00	47.68	142	187	Vertical
5	11223.27	33.12	-35.10	39.38	-57.86	-13.00	44.86	263	16	Vertical
6	14964.36	31.57	-34.32	39.24	-58.77	-13.00	45.77	221	222	Vertical



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

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

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

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

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 88 of 89

Test Band = LTE UL CA Band 43C 3700M-3800M_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9569.5417	37.90	-37.88	38.54	-56.69	-13.00	43.69	296	205	Horizontal
2	13084.7083	34.24	-34.66	39.65	-56.03	-13.00	43.03	265	316	Horizontal
3	17819.8333	31.80	-30.94	41.88	-52.52	-13.00	39.52	284	316	Horizontal
4	7562.18	37.74	-41.37	36.62	-62.27	-13.00	49.27	142	316	Horizontal
5	11343.27	32.79	-35.42	39.26	-58.63	-13.00	45.63	263	93	Horizontal
6	15124.36	31.79	-33.83	39.04	-58.27	-13.00	45.27	224	167	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9411.4167	37.08	-37.70	38.56	-57.32	-13.00	44.32	196	332	Vertical
2	14190.1458	33.80	-34.86	40.01	-56.31	-13.00	43.31	265	132	Vertical
3	17942.5	33.01	-31.24	42.37	-51.12	-13.00	38.12	254	277	Vertical
4	7562.18	36.54	-41.37	36.62	-63.47	-13.00	50.47	102	96	Vertical
5	11343.27	32.62	-35.42	39.26	-58.80	-13.00	45.80	254	151	Vertical
6	15124.36	31.89	-33.83	39.04	-58.17	-13.00	45.17	146	356	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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

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

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

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

Report No.: SEWA2309000114RG05

Rev.: 01

Page: 89 of 89

Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VH	NT	31.50	0.008536	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VL	NT	37.10	0.010054	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	VN	NT	36.90	0.010000	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	50	40.60	0.011002	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	40	44.00	0.011924	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	30	44.60	0.012086	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	20	40.70	0.011030	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	10	50.80	0.013767	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	0	45.70	0.012384	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-10	43.50	0.011788	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-20	38.10	0.010325	PASS
43-43	20MHz-20MHz	QPSK-QPSK	44491-44689	100RB#0-100RB#0	NV	-30	40.80	0.011057	PASS

---End of Attachment---



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

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

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