

Report No.: SEWM2302000050RG02

Rev.: 01

Page: 1 of 5

Appendix B.2

WCDMA Band II & IV & V



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湖墅路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.: SEWM2302000050RG02

Rev.: 01

Page: 2 of 5

Effective (Isotropic) Radiated Power Output Data

Test for spot check:

Test Result

Band	Channel	Power(dBm)	EIRP	Limit(dBm)	Verdict
BandII	9262	22.41	24.02	33	PASS
BandII	9400	22.34	23.95	33	PASS
BandII	9538	22.30	23.91	33	PASS
Band	Channel	Power(dBm)	EIRP	Limit(dBm)	Verdict
BandIV	1312	22.43	23.30	30	PASS
BandIV	1413	22.42	23.29	30	PASS
BandIV	1513	22.56	23.43	30	PASS
Band	Channel	Power(dBm)	ERP	Limit(dBm)	Verdict
BandV	4132	22.30	19.47	38.5	PASS
BandV	4182	22.35	19.52	38.5	PASS
BandV	4233	22.41	19.58	38.5	PASS



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-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湖墅路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.: SEWM2302000050RG02

Rev.: 01

Page: 3 of 5

Field Strength of Spurious Radiation

Test for spot check:

Test Band = WCDMA II_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3760	42.04	-45.54	30.03	-68.73	-13.00	55.73	175	280	Horizontal
2	5640	40.63	-43.81	33.05	-65.39	-13.00	52.39	244	314	Horizontal
3	7520	38.71	-41.53	36.54	-61.54	-13.00	48.54	209	4	Horizontal
4	9400	35.17	-38.16	38.56	-59.69	-13.00	46.69	156	50	Horizontal
5	11280	31.48	-35.28	39.32	-59.74	-13.00	46.74	235	343	Horizontal
6	13160	31.52	-34.68	39.70	-58.72	-13.00	45.72	188	215	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	3760	42.43	-45.54	30.03	-68.34	-13.00	55.34	296	78	Vertical
2	5640	40.27	-43.81	33.05	-65.75	-13.00	52.75	233	325	Vertical
3	7520	38.53	-41.53	36.54	-61.72	-13.00	48.72	214	175	Vertical
4	9400	35.43	-38.16	38.56	-59.43	-13.00	46.43	185	325	Vertical
5	11280	31.81	-35.28	39.32	-59.41	-13.00	46.41	154	357	Vertical
6	13160	31.16	-34.68	39.70	-59.08	-13.00	46.08	218	209	Vertical



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

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

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000
中国·苏州·中国（江苏）自由贸易试验区苏州片区苏州工业园区湖墅路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.: SEWM2302000050RG02

Rev.: 01

Page: 4 of 5

Test Band = WCDMA IV_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3468	47.04	-45.77	29.41	-64.57	-13.00	51.57	182	130	Horizontal
2	5197.8	41.09	-44.15	32.60	-65.72	-13.00	52.72	163	1	Horizontal
3	6930.4	41.07	-42.48	36.06	-60.61	-13.00	47.61	254	212	Horizontal
4	8663	36.39	-39.54	38.23	-60.18	-13.00	47.18	174	0	Horizontal
5	10395.6	31.86	-36.49	38.94	-60.95	-13.00	47.95	199	2	Horizontal
6	12128.2	32.43	-35.20	38.73	-59.30	-13.00	46.30	216	196	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	3466.5	46.79	-45.77	29.41	-64.83	-13.00	51.83	215	295	Vertical
2	5197.8	41.37	-44.15	32.60	-65.44	-13.00	52.44	247	46	Vertical
3	6930.4	40.29	-42.48	36.06	-61.39	-13.00	48.39	186	30	Vertical
4	8663	36.14	-39.54	38.23	-60.43	-13.00	47.43	159	328	Vertical
5	10395.6	31.41	-36.49	38.94	-61.40	-13.00	48.40	144	346	Vertical
6	12128.2	31.67	-35.20	38.73	-60.06	-13.00	47.06	223	148	Vertical



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

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

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

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

Report No.: SEWM2302000050RG02

Rev.: 01

Page: 5 of 5

Test Band = WCDMA V_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1674	67.23	-48.31	25.56	-50.78	-13.00	37.78	146	360	Horizontal
2	2509.2	45.86	-46.79	27.93	-68.26	-13.00	55.26	213	132	Horizontal
3	3345.6	45.71	-46.19	29.46	-66.28	-13.00	53.28	268	118	Horizontal
4	4182	42.40	-45.16	30.89	-67.13	-13.00	54.13	141	235	Horizontal
5	5018.4	40.44	-44.93	32.60	-67.15	-13.00	54.15	256	72	Horizontal
6	5854.8	40.02	-43.34	33.74	-64.84	-13.00	51.84	188	204	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	1675	63.48	-48.31	25.56	-54.53	-13.00	41.53	159	34	Vertical
2	2509.2	48.12	-46.79	27.93	-66.00	-13.00	53.00	213	213	Vertical
3	3345.6	46.43	-46.19	29.46	-65.56	-13.00	52.56	228	331	Vertical
4	4182	41.70	-45.16	30.89	-67.83	-13.00	54.83	147	0	Vertical
5	5018.4	39.75	-44.93	32.60	-67.84	-13.00	54.84	185	48	Vertical
6	5854.8	41.17	-43.34	33.74	-63.69	-13.00	50.69	166	317	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

---End of Attachment---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com
South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86-512) 62992980 www.sgs.com.cn
中国·苏州·中国 (江苏) 自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南楼 邮编: 215000 t (86-512) 62992980 sgs.china@sgs.com