



Report No.: SEWM2307000261RG02

Rev.: 01

Page: 1 of 8

Appendix B.22

NR Band n77(3450-3550)



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

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77(3450-3550)	30	100	DFT-PI2BPSK	M	1RB1	26.95	29.55	30	PASS
N77(3450-3550)	30	100	DFT-PI2BPSK	M	1RB271	26.51	29.11	30	PASS
N77(3450-3550)	30	100	DFT-PI2BPSK	M	272RB0	25.81	28.41	30	PASS
N77(3450-3550)	30	100	DFT-QPSK	M	1RB1	27.01	29.61	30	PASS
N77(3450-3550)	30	100	DFT-QPSK	M	1RB271	26.68	29.28	30	PASS
N77(3450-3550)	30	100	DFT-QPSK	M	272RB0	25.75	28.35	30	PASS
N77(3450-3550)	30	100	DFT-16QAM	M	1RB1	26.23	28.83	30	PASS
N77(3450-3550)	30	100	DFT-64QAM	M	1RB1	24.82	27.42	30	PASS
N77(3450-3550)	30	100	DFT-256QAM	M	1RB1	22.74	25.34	30	PASS
N77(3450-3550)	30	100	CP-QPSK	M	1RB1	24.94	27.54	30	PASS
N77(3450-3550)	30	90	DFT-QPSK	L	1RB1	26.76	29.36	30	PASS
N77(3450-3550)	30	90	DFT-16QAM	L	1RB1	25.38	27.98	30	PASS
N77(3450-3550)	30	90	DFT-QPSK	M	1RB1	26.62	29.22	30	PASS
N77(3450-3550)	30	90	DFT-16QAM	M	1RB1	25.8	28.4	30	PASS
N77(3450-3550)	30	90	DFT-QPSK	H	1RB1	26.66	29.26	30	PASS
N77(3450-3550)	30	90	DFT-16QAM	H	1RB1	25.49	28.09	30	PASS
N77(3450-3550)	30	80	DFT-QPSK	L	1RB1	26.55	29.15	30	PASS
N77(3450-3550)	30	80	DFT-16QAM	L	1RB1	25.32	27.92	30	PASS
N77(3450-3550)	30	80	DFT-QPSK	M	1RB1	26.68	29.28	30	PASS
N77(3450-3550)	30	80	DFT-16QAM	M	1RB1	25.59	28.19	30	PASS
N77(3450-3550)	30	80	DFT-QPSK	H	1RB1	26.61	29.21	30	PASS
N77(3450-3550)	30	80	DFT-16QAM	H	1RB1	25.39	27.99	30	PASS
N77(3450-3550)	30	70	DFT-QPSK	L	1RB1	26.7	29.3	30	PASS
N77(3450-3550)	30	70	DFT-16QAM	L	1RB1	25.61	28.21	30	PASS
N77(3450-3550)	30	70	DFT-QPSK	M	1RB1	26.65	29.25	30	PASS
N77(3450-3550)	30	70	DFT-16QAM	M	1RB1	25.42	28.02	30	PASS
N77(3450-3550)	30	70	DFT-QPSK	H	1RB1	26.66	29.26	30	PASS
N77(3450-3550)	30	70	DFT-16QAM	H	1RB1	25.42	28.02	30	PASS
N77(3450-3550)	30	60	DFT-QPSK	L	1RB1	26.58	29.18	30	PASS
N77(3450-3550)	30	60	DFT-16QAM	L	1RB1	25.51	28.11	30	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 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, Runheng 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



Report No.: SEWM2307000261RG02

Rev.: 01

Page: 3 of 8

N77(3450-3550)	30	60	DFT-QPSK	M	1RB1	26.68	29.28	30	PASS
N77(3450-3550)	30	60	DFT-16QAM	M	1RB1	25.48	28.08	30	PASS
N77(3450-3550)	30	60	DFT-QPSK	H	1RB1	26.58	29.18	30	PASS
N77(3450-3550)	30	60	DFT-16QAM	H	1RB1	25.41	28.01	30	PASS
N77(3450-3550)	30	50	DFT-QPSK	L	1RB1	26.62	29.22	30	PASS
N77(3450-3550)	30	50	DFT-16QAM	L	1RB1	25.3	27.9	30	PASS
N77(3450-3550)	30	50	DFT-QPSK	M	1RB1	26.71	29.31	30	PASS
N77(3450-3550)	30	50	DFT-16QAM	M	1RB1	25.4	28	30	PASS
N77(3450-3550)	30	50	DFT-QPSK	H	1RB1	26.53	29.13	30	PASS
N77(3450-3550)	30	50	DFT-16QAM	H	1RB1	25.51	28.11	30	PASS
N77(3450-3550)	30	40	DFT-QPSK	L	1RB1	26.8	29.4	30	PASS
N77(3450-3550)	30	40	DFT-16QAM	L	1RB1	25.41	28.01	30	PASS
N77(3450-3550)	30	40	DFT-QPSK	M	1RB1	26.45	29.05	30	PASS
N77(3450-3550)	30	40	DFT-16QAM	M	1RB1	25.64	28.24	30	PASS
N77(3450-3550)	30	40	DFT-QPSK	H	1RB1	26.69	29.29	30	PASS
N77(3450-3550)	30	40	DFT-16QAM	H	1RB1	25.64	28.24	30	PASS
N77(3450-3550)	30	30	DFT-QPSK	L	1RB1	26.52	29.12	30	PASS
N77(3450-3550)	30	30	DFT-16QAM	L	1RB1	25.51	28.11	30	PASS
N77(3450-3550)	30	30	DFT-QPSK	M	1RB1	26.68	29.28	30	PASS
N77(3450-3550)	30	30	DFT-16QAM	M	1RB1	25.38	27.98	30	PASS
N77(3450-3550)	30	30	DFT-QPSK	H	1RB1	26.54	29.14	30	PASS
N77(3450-3550)	30	30	DFT-16QAM	H	1RB1	25.75	28.35	30	PASS
N77(3450-3550)	30	20	DFT-QPSK	L	1RB1	26.62	29.22	30	PASS
N77(3450-3550)	30	20	DFT-16QAM	L	1RB1	25.39	27.99	30	PASS
N77(3450-3550)	30	20	DFT-QPSK	M	1RB1	26.78	29.38	30	PASS
N77(3450-3550)	30	20	DFT-16QAM	M	1RB1	25.5	28.1	30	PASS
N77(3450-3550)	30	20	DFT-QPSK	H	1RB1	26.63	29.23	30	PASS
N77(3450-3550)	30	20	DFT-16QAM	H	1RB1	25.43	28.03	30	PASS
N77(3450-3550)	30	15	DFT-QPSK	L	1RB1	26.5	29.1	30	PASS
N77(3450-3550)	30	15	DFT-16QAM	L	1RB1	25.43	28.03	30	PASS
N77(3450-3550)	30	15	DFT-QPSK	M	1RB1	26.72	29.32	30	PASS
N77(3450-3550)	30	15	DFT-16QAM	M	1RB1	25.57	28.17	30	PASS
N77(3450-3550)	30	15	DFT-QPSK	H	1RB1	26.61	29.21	30	PASS
N77(3450-3550)	30	15	DFT-16QAM	H	1RB1	25.31	27.91	30	PASS
N77(3450-3550)	30	10	DFT-QPSK	L	1RB1	26.64	29.24	30	PASS
N77(3450-3550)	30	10	DFT-16QAM	L	1RB1	25.22	27.82	30	PASS
N77(3450-3550)	30	10	DFT-QPSK	M	1RB1	26.49	29.09	30	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 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, Runheng 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.: SEWM2307000261RG02

Rev.: 01

Page: 4 of 8

N77(3450-3550)	30	10	DFT-16QAM	M	1RB1	25.77	28.37	30	PASS
N77(3450-3550)	30	10	DFT-QPSK	H	1RB1	26.72	29.32	30	PASS
N77(3450-3550)	30	10	DFT-16QAM	H	1RB1	25.39	27.99	30	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.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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 5 of 8

Field Strength of Spurious Radiation

Test Band = NR_Band 77(3450~3550)_ Ant 2TM1
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	9382.6667	40.87	-42.83	37.94	-59.28	-13.00	46.28	154	71	Vertical
2	12434	38.12	-38.48	38.94	-56.68	-13.00	43.68	289	317	Vertical
3	6910.18	42.92	-46.12	35.40	-63.05	-13.00	50.05	163	43	Vertical
4	10365.27	37.83	-41.19	38.83	-59.79	-13.00	46.79	234	275	Vertical
5	13820.36	35.64	-38.48	40.49	-57.62	-13.00	44.62	175	156	Vertical
6	17275.45	35.88	-37.12	40.66	-55.84	-13.00	42.84	188	176	Vertical

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8743.4583	42.13	-43.76	37.24	-59.65	-13.00	46.65	274	191	Horizontal
2	12032.9375	38.47	-38.84	39.18	-56.45	-13.00	43.45	159	228	Horizontal
3	6910.18	42.80	-46.12	35.40	-63.17	-13.00	50.17	266	300	Horizontal
4	10365.27	38.28	-41.19	38.83	-59.34	-13.00	46.34	235	257	Horizontal
5	13820.36	36.15	-38.48	40.49	-57.11	-13.00	44.11	205	7	Horizontal
6	17275.45	35.17	-37.12	40.66	-56.55	-13.00	43.55	192	0	Horizontal



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湖胜路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.: SEWM2307000261RG02

Rev.: 01

Page: 6 of 8

Test Band = NR_Band 77(3450~3550)_ Ant 6TM1
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	9369.25	41.40	-42.85	37.93	-58.78	-13.00	45.78	248	179	Vertical
2	12060.7292	38.49	-39.07	39.16	-56.68	-13.00	43.68	149	120	Vertical
3	6810.18	42.58	-46.55	35.18	-64.05	-13.00	51.05	263	216	Vertical
4	10215.27	37.66	-41.93	38.69	-60.83	-13.00	47.83	255	6	Vertical
5	13620.36	34.93	-38.21	40.03	-58.52	-13.00	45.52	145	89	Vertical
6	17025.45	34.93	-37.04	39.07	-58.31	-13.00	45.31	231	62	Vertical

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8755.9167	42.10	-43.79	37.26	-59.69	-13.00	46.69	187	179	Horizontal
2	14435	38.10	-38.58	40.55	-55.19	-13.00	42.19	194	136	Horizontal
3	6810.18	42.79	-46.55	35.18	-63.84	-13.00	50.84	227	159	Horizontal
4	10215.27	37.94	-41.93	38.69	-60.55	-13.00	47.55	154	316	Horizontal
5	13620.36	35.07	-38.21	40.03	-58.38	-13.00	45.38	136	349	Horizontal
6	17025.45	34.58	-37.04	39.07	-58.66	-13.00	45.66	209	254	Horizontal



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.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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 7 of 8

Test Band = NR_Band 77(3450~3550)_ Ant 7TM1
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	8745.8542	41.69	-43.77	37.24	-60.09	-13.00	47.09	174	167	Vertical
2	12405.25	37.77	-38.34	38.96	-56.87	-13.00	43.87	251	212	Vertical
3	6910.18	43.73	-46.12	35.40	-62.24	-13.00	49.24	163	340	Vertical
4	10365.27	38.74	-41.19	38.83	-58.88	-13.00	45.88	298	244	Vertical
5	13820.36	35.80	-38.48	40.49	-57.46	-13.00	44.46	170	57	Vertical
6	17275.45	35.62	-37.12	40.66	-56.10	-13.00	43.10	213	23	Vertical

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7841.6667	43.61	-44.93	36.39	-60.19	-13.00	47.19	196	247	Horizontal
2	12005.1458	37.89	-38.60	39.20	-56.78	-13.00	43.78	238	147	Horizontal
3	6910.18	42.77	-46.12	35.40	-63.20	-13.00	50.20	145	293	Horizontal
4	10365.27	38.86	-41.19	38.83	-58.76	-13.00	45.76	217	315	Horizontal
5	13820.36	36.20	-38.48	40.49	-57.06	-13.00	44.06	146	189	Horizontal
6	17275.45	36.12	-37.12	40.66	-55.60	-13.00	42.60	205	215	Horizontal



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.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

Report No.: SEWM2307000261RG02

Rev.: 01

Page: 8 of 8

Test Band = NR_Band 77(3450~3550)_ Ant 8TM1
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	8448.7708	41.53	-44.03	36.83	-60.93	-13.00	47.93	217	326	Vertical
2	12058.3333	38.05	-39.05	39.17	-57.09	-13.00	44.09	209	216	Vertical
3	6910.18	42.40	-46.12	35.40	-63.57	-13.00	50.57	136	194	Vertical
4	10365.27	38.05	-41.19	38.83	-59.57	-13.00	46.57	298	99	Vertical
5	13820.36	36.62	-38.48	40.49	-56.64	-13.00	43.64	244	311	Vertical
6	17275.45	35.49	-37.12	40.66	-56.23	-13.00	43.23	175	78	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8946.1458	41.94	-43.59	37.52	-59.38	-13.00	46.38	195	142	Horizontal
2	12044.4375	38.17	-38.93	39.17	-56.85	-13.00	43.85	287	148	Horizontal
3	6910.18	43.47	-46.12	35.40	-62.50	-13.00	49.50	146	334	Horizontal
4	10365.27	38.87	-41.19	38.83	-58.75	-13.00	45.75	255	64	Horizontal
5	13820.36	36.25	-38.48	40.49	-57.01	-13.00	44.01	142	191	Horizontal
6	17275.45	35.33	-37.12	40.66	-56.39	-13.00	43.39	135	25	Horizontal

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-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