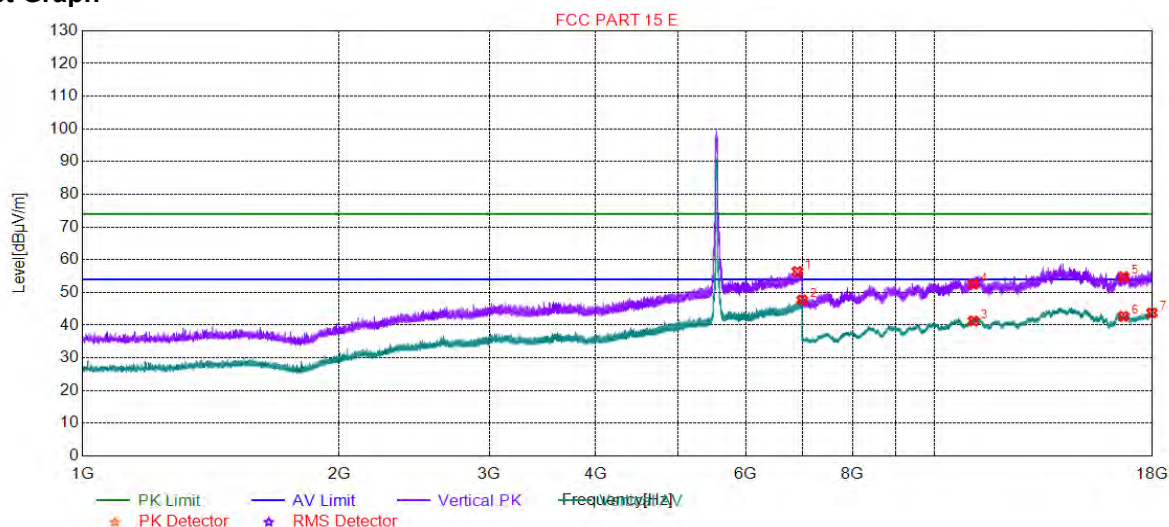


4.9.2.110 802.11AC40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6896.79	56.43	20.81	74.00	17.57	150	220	Vertical
2	6987.09	47.72	21.27	54.00	6.28	150	69	Vertical
3	11100.0	41.28	-2.25	54.00	12.72	150	360	Vertical
4	11100.0	52.53	-2.25	74.00	21.47	150	169	Vertical
5	16650.0	54.76	-1.10	74.00	19.24	150	169	Vertical
6	16650.0	42.72	-1.10	54.00	11.28	150	119	Vertical
7	17971.9	43.77	-1.29	54.00	10.23	150	318	Vertical

Final Data List

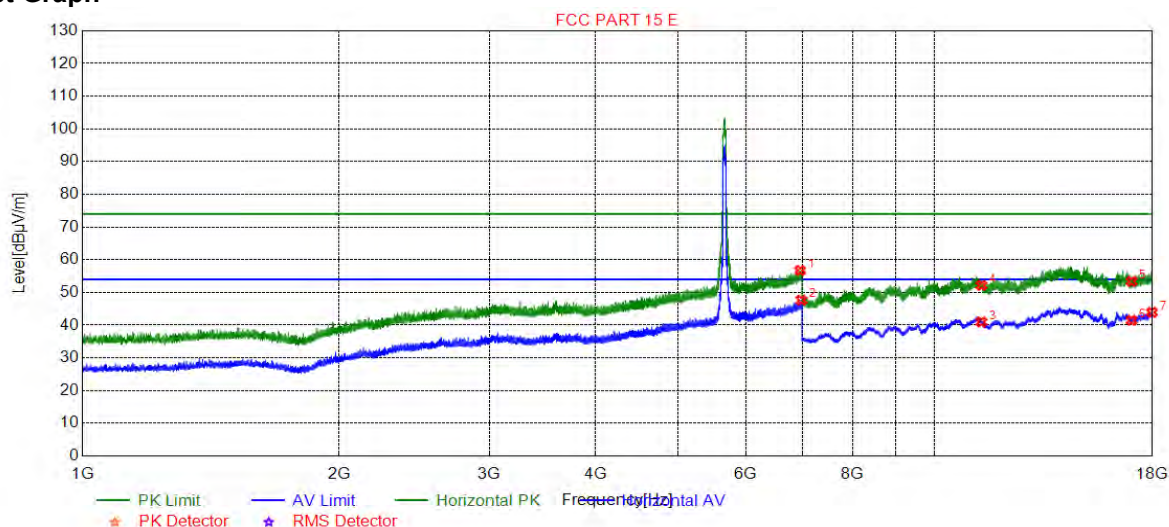


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.111 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6948.39	56.74	21.24	74.00	17.26	150	89	Horizontal
2	6972.69	47.63	21.26	54.00	6.37	150	89	Horizontal
3	11340.0	40.99	-2.22	54.00	13.01	150	192	Horizontal
4	11340.0	52.18	-2.22	74.00	21.82	150	0	Horizontal
5	17010.0	53.40	-0.98	74.00	20.60	150	0	Horizontal
6	17010.0	41.49	-0.98	54.00	12.51	150	342	Horizontal
7	17974.6	43.93	-1.29	54.00	10.07	150	0	Horizontal

Final Data List

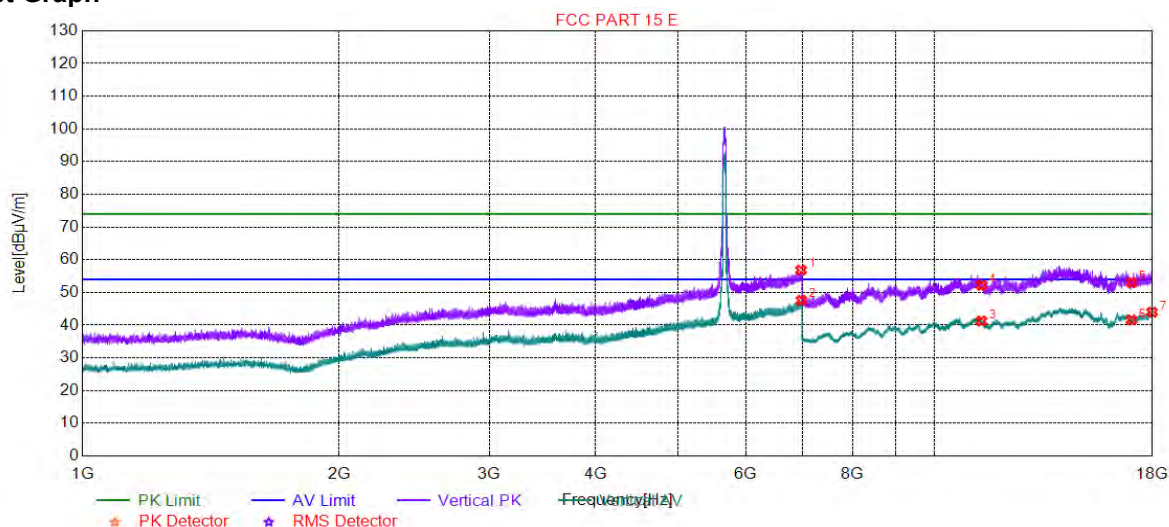


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.112 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.39	56.86	21.26	74.00	17.14	150	169	Vertical
2	6973.89	47.59	21.26	54.00	6.41	150	360	Vertical
3	11340.0	41.26	-2.22	54.00	12.74	150	68	Vertical
4	11340.0	52.19	-2.22	74.00	21.81	150	18	Vertical
5	17010.0	52.98	-0.98	74.00	21.02	150	318	Vertical
6	17010.0	41.60	-0.98	54.00	12.40	150	68	Vertical
7	17979.6	43.99	-1.29	54.00	10.01	150	219	Vertical

Final Data List

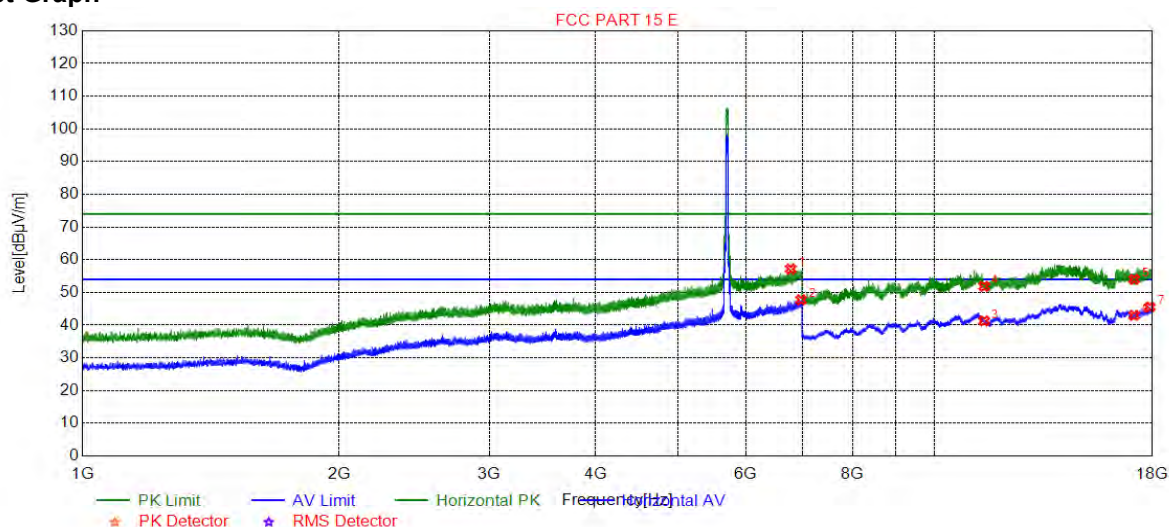


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.113 802.11AC40_Channel 142

Test Graph



Suspected List

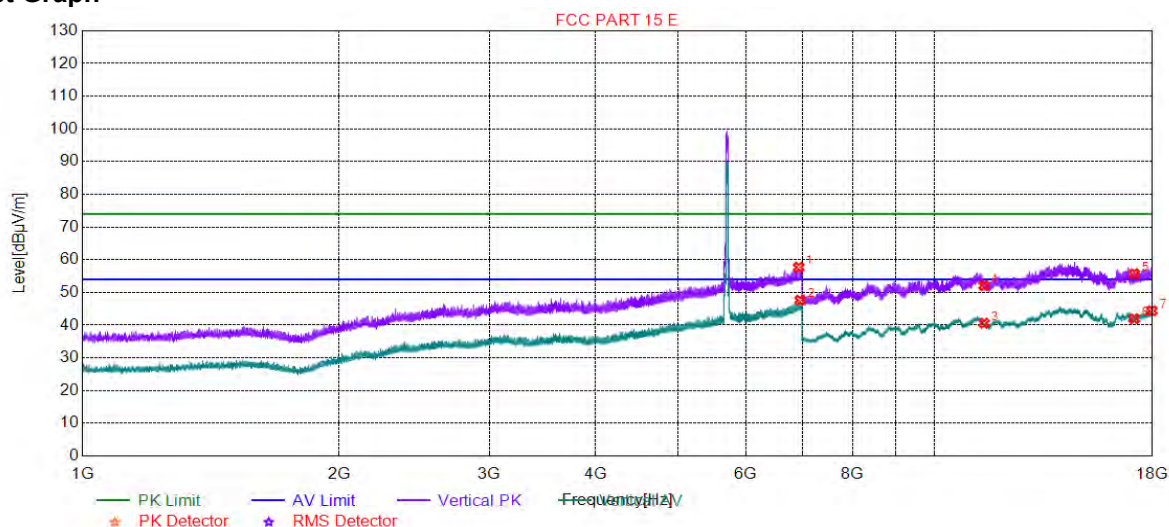
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6774.38	57.18	20.53	74.00	16.82	150	91	Horizontal
2	6967.59	47.73	21.26	54.00	6.27	150	141	Horizontal
3	11420.0	41.30	-2.12	54.00	12.70	150	43	Horizontal
4	11420.0	51.86	-2.12	74.00	22.14	150	342	Horizontal
5	17130.0	54.02	-2.95	74.00	19.98	150	142	Horizontal
6	17130.0	43.01	-2.95	54.00	10.99	150	192	Horizontal
7	17873.4	45.54	-1.66	54.00	8.46	150	0	Horizontal

Final Data List



4.9.2.114 802.11AC40_Channel 142

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.69	57.71	21.00	74.00	16.29	150	218	Vertical
2	6945.39	47.65	21.21	54.00	6.35	150	68	Vertical
3	11420.0	40.61	-2.12	54.00	13.39	150	317	Vertical
4	11420.0	52.11	-2.12	74.00	21.89	150	18	Vertical
5	17130.0	55.75	-2.95	74.00	18.25	150	68	Vertical
6	17130.0	42.00	-2.95	54.00	12.00	150	317	Vertical
7	17972.4	44.41	-1.29	54.00	9.59	150	267	Vertical

Final Data List

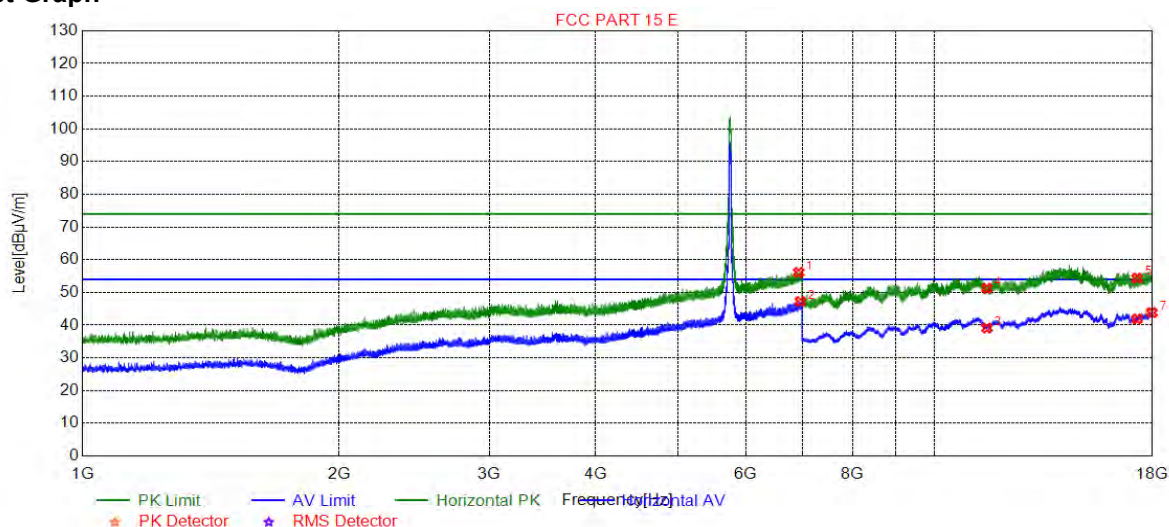


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.115 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.69	56.13	21.00	74.00	17.87	150	241	Horizontal
2	6951.69	47.24	21.26	54.00	6.76	150	292	Horizontal
3	11510.0	39.12	-2.07	54.00	14.88	150	292	Horizontal
4	11510.0	51.26	-2.07	74.00	22.74	150	142	Horizontal
5	17265.0	54.43	-2.46	74.00	19.57	150	92	Horizontal
6	17265.0	41.89	-2.46	54.00	12.11	150	142	Horizontal
7	17974.1	43.85	-1.29	54.00	10.15	150	142	Horizontal

Final Data List

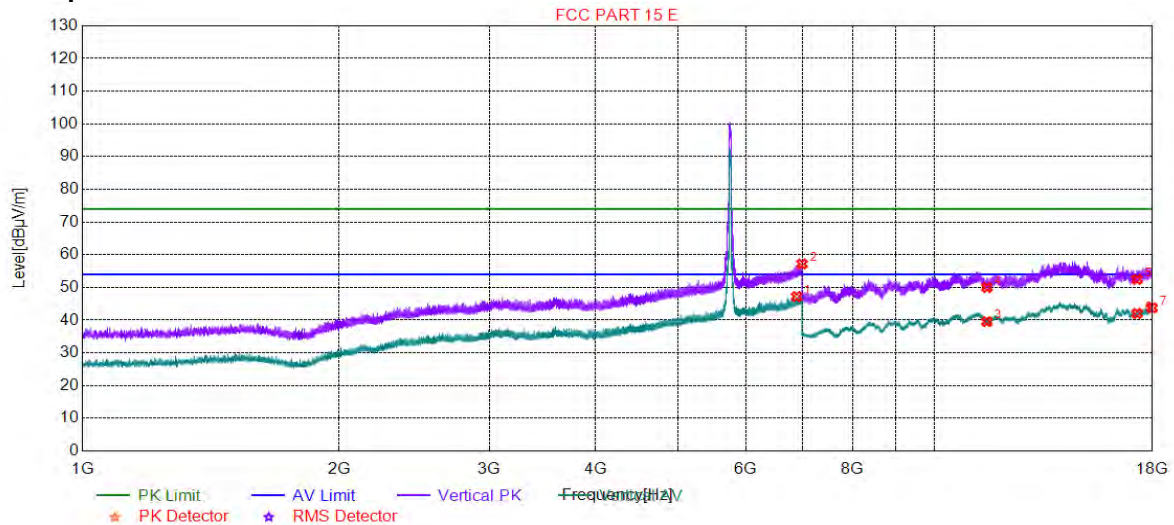


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.116 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6884.49	47.20	20.83	54.00	6.80	150	320	Vertical
2	6984.39	57.20	21.27	74.00	16.80	150	169	Vertical
3	11510.0	39.56	-2.07	54.00	14.44	150	118	Vertical
4	11510.0	50.01	-2.07	74.00	23.99	150	118	Vertical
5	17265.0	52.48	-2.46	74.00	21.52	150	68	Vertical
6	17265.0	42.06	-2.46	54.00	11.94	150	268	Vertical
7	17978.5	43.77	-1.29	54.00	10.23	150	68	Vertical

Final Data List



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.

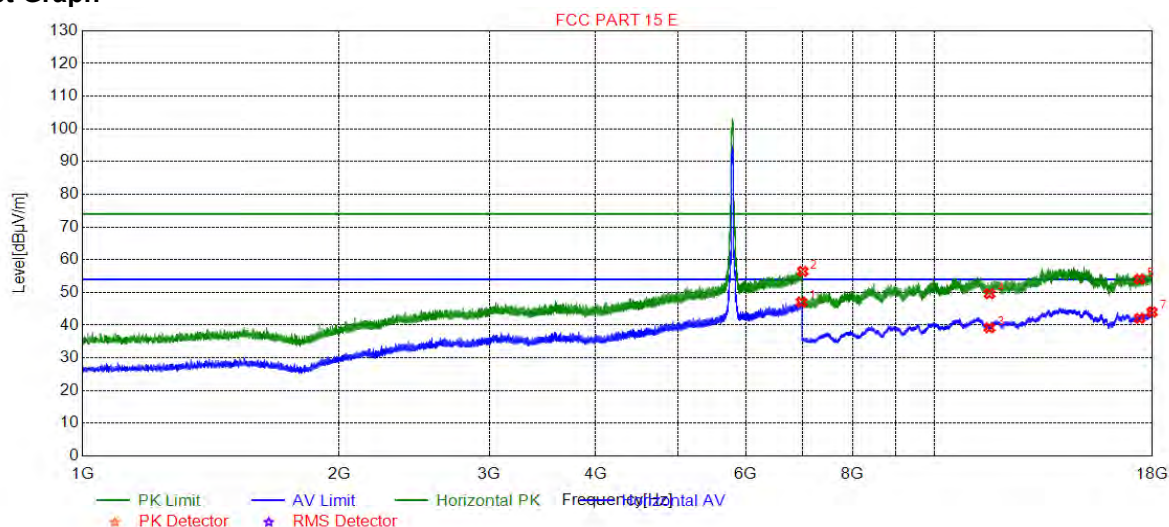
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.117 802.11AC40_Channel 159

Test Graph



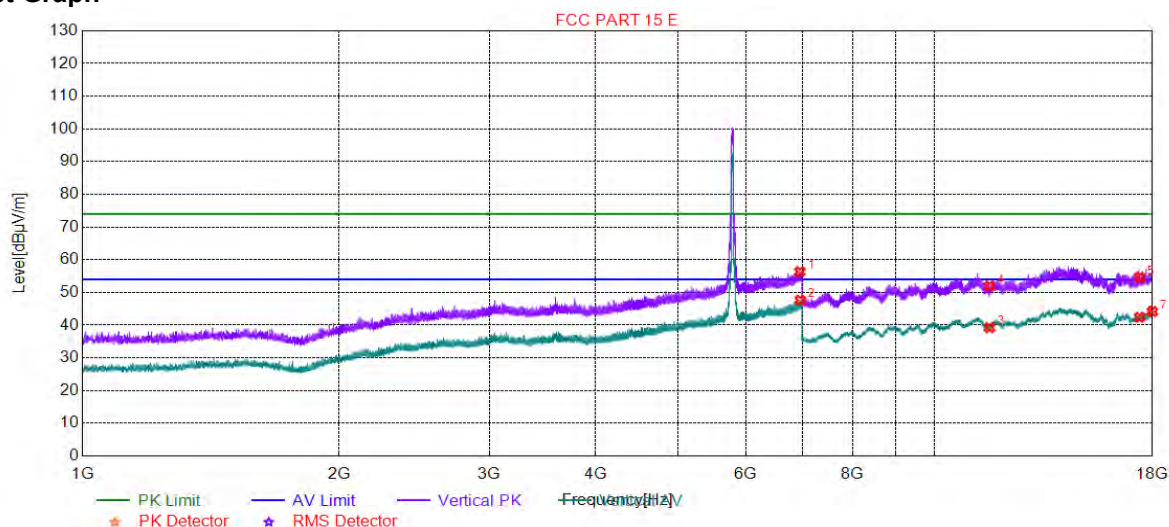
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	47.04	21.26	54.00	6.96	150	291	Horizontal
2	6996.99	56.46	21.27	74.00	17.54	150	342	Horizontal
3	11590.0	39.21	-2.50	54.00	14.79	150	241	Horizontal
4	11590.0	49.60	-2.50	74.00	24.40	150	342	Horizontal
5	17385.0	54.08	-1.79	74.00	19.92	150	0	Horizontal
6	17385.0	42.09	-1.79	54.00	11.91	150	0	Horizontal
7	17970.2	44.02	-1.29	54.00	9.98	150	191	Horizontal

Final Data List

4.9.2.118 802.11AC40_Channel 159

Test Graph



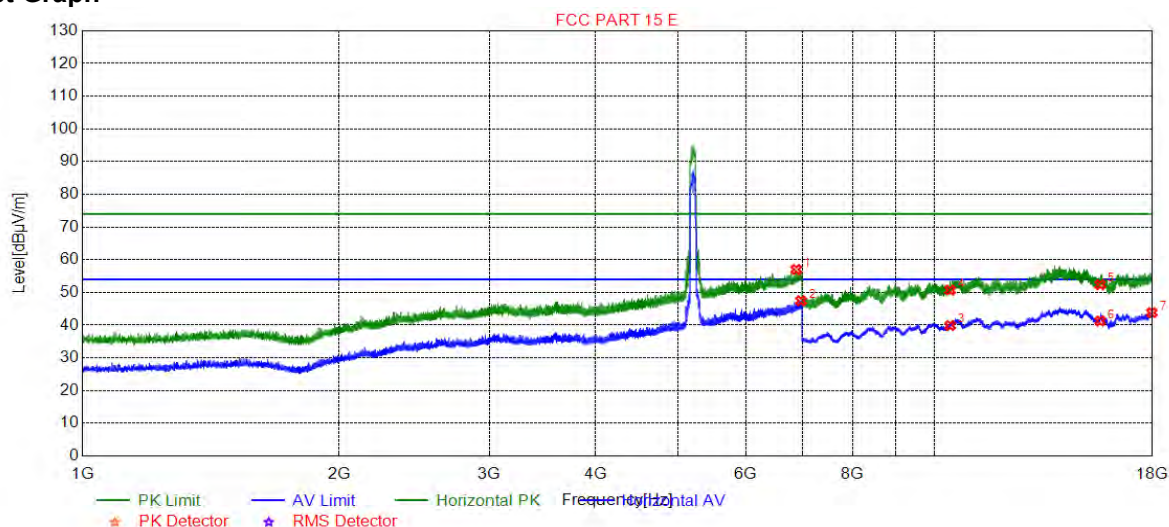
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6943.89	56.37	21.20	74.00	17.63	150	220	Vertical
2	6949.29	47.65	21.25	54.00	6.35	150	220	Vertical
3	11590.0	39.26	-2.50	54.00	14.74	150	68	Vertical
4	11590.0	52.00	-2.50	74.00	22.00	150	68	Vertical
5	17385.0	54.67	-1.79	74.00	19.33	150	18	Vertical
6	17385.0	42.42	-1.79	54.00	11.58	150	219	Vertical
7	17993.3	44.17	-1.28	54.00	9.83	150	360	Vertical

Final Data List

4.9.2.119 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6875.79	57.03	20.85	74.00	16.97	150	90	Horizontal
2	6965.19	47.47	21.26	54.00	6.53	150	190	Horizontal
3	10420.0	39.90	-3.40	54.00	14.10	150	0	Horizontal
4	10420.0	50.73	-3.40	74.00	23.27	150	140	Horizontal
5	15630.0	52.39	0.28	74.00	21.61	150	90	Horizontal
6	15630.0	41.26	0.28	54.00	12.74	150	342	Horizontal
7	17970.2	43.87	-1.29	54.00	10.13	150	241	Horizontal

Final Data List

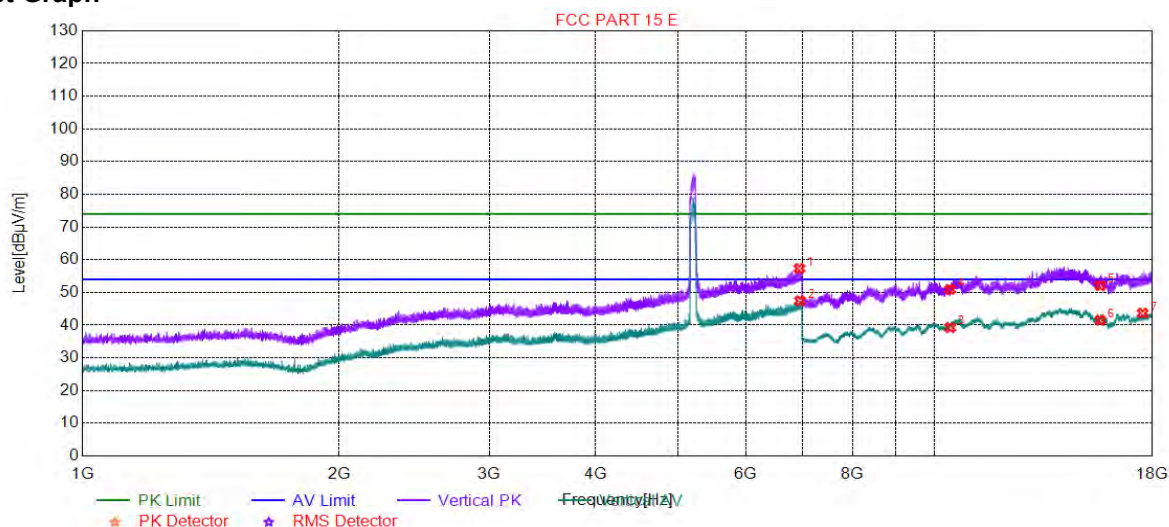


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.120 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	57.35	21.11	74.00	16.65	150	320	Vertical
2	6945.69	47.45	21.22	54.00	6.55	150	269	Vertical
3	10420.0	39.30	-3.40	54.00	14.70	150	218	Vertical
4	10420.0	50.95	-3.40	74.00	23.05	150	360	Vertical
5	15630.0	52.09	0.28	74.00	21.91	150	168	Vertical
6	15630.0	41.53	0.28	54.00	12.47	150	268	Vertical
7	17529.1	43.67	-0.97	54.00	10.33	150	360	Vertical

Final Data List

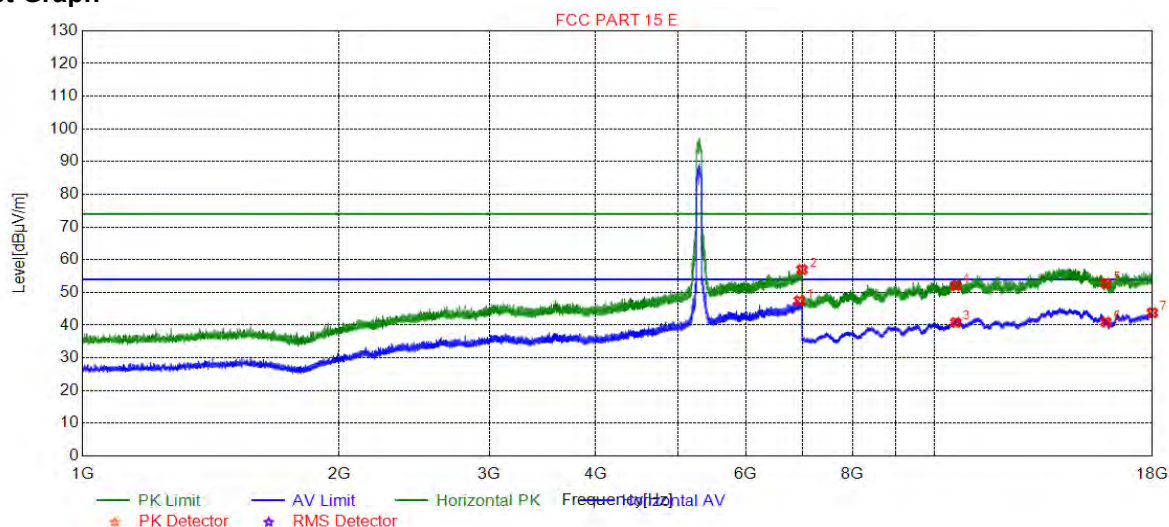


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.121 802.11AC80_Channel 58

Test Graph



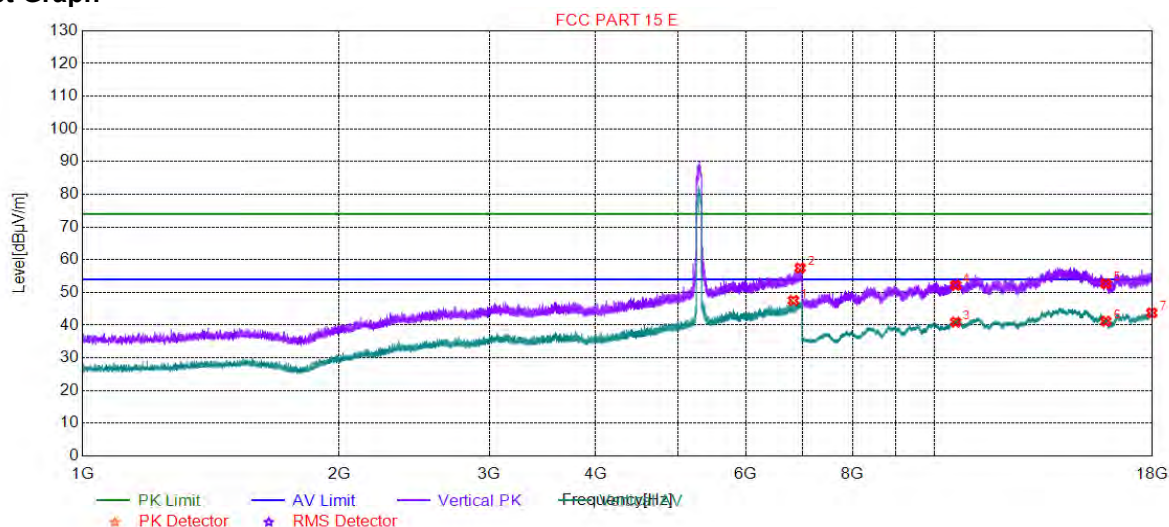
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6936.99	47.49	21.14	54.00	6.51	150	90	Horizontal
2	6985.89	57.00	21.27	74.00	17.00	150	291	Horizontal
3	10580.0	40.83	-2.84	54.00	13.17	150	140	Horizontal
4	10580.0	52.07	-2.84	74.00	21.93	150	140	Horizontal
5	15870.0	52.80	-0.67	74.00	21.20	150	291	Horizontal
6	15870.0	40.95	-0.67	54.00	13.05	150	191	Horizontal
7	17993.3	43.81	-1.28	54.00	10.19	150	241	Horizontal

Final Data List

4.9.2.122 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6823.29	47.55	20.63	54.00	6.45	150	169	Vertical
2	6947.79	57.51	21.24	74.00	16.49	150	270	Vertical
3	10580.0	40.94	-2.84	54.00	13.06	150	360	Vertical
4	10580.0	52.22	-2.84	74.00	21.78	150	119	Vertical
5	15870.0	52.65	-0.67	74.00	21.35	150	320	Vertical
6	15870.0	41.21	-0.67	54.00	12.79	150	119	Vertical
7	17965.8	43.76	-1.29	54.00	10.24	150	270	Vertical

Final Data List

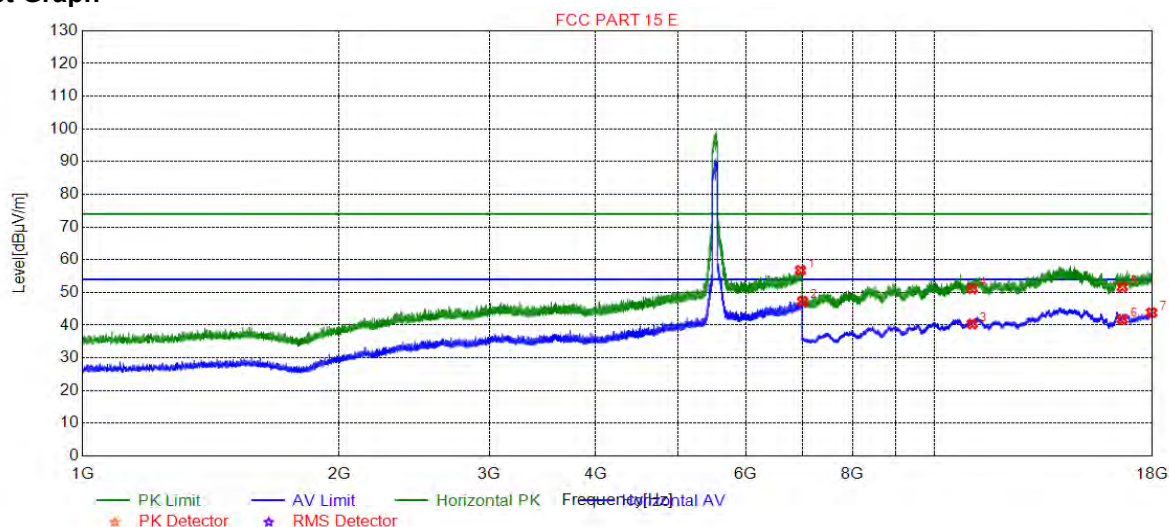


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.123 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.99	56.77	21.26	74.00	17.23	150	192	Horizontal
2	6994.59	47.34	21.27	54.00	6.66	150	0	Horizontal
3	11060.0	40.38	-2.22	54.00	13.62	150	0	Horizontal
4	11060.0	51.20	-2.22	74.00	22.80	150	242	Horizontal
5	16590.0	51.70	-1.30	74.00	22.30	150	41	Horizontal
6	16590.0	41.76	-1.30	54.00	12.24	150	342	Horizontal
7	17958.1	43.82	-1.29	54.00	10.18	150	91	Horizontal

Final Data List

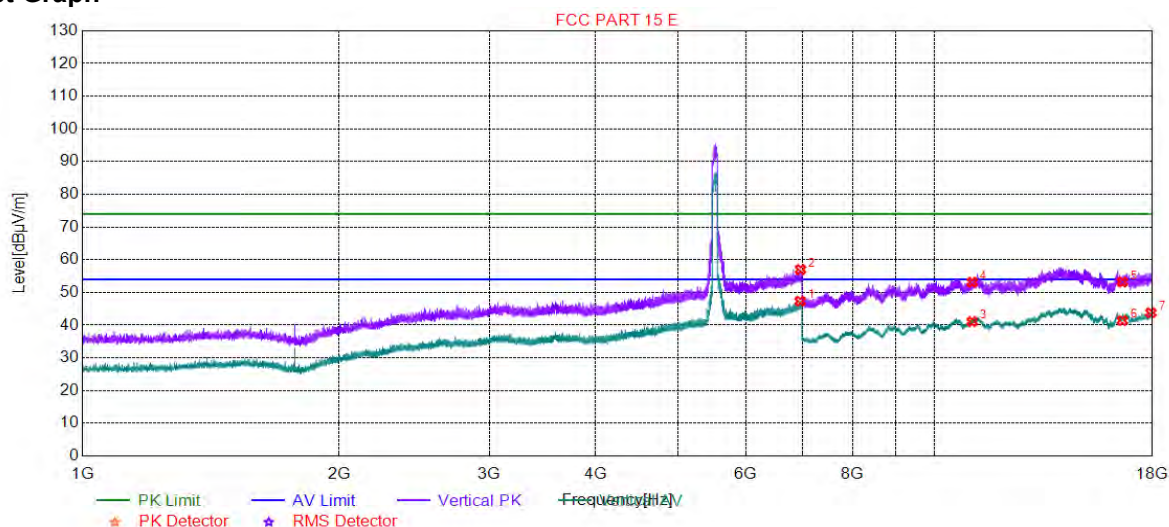


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.124 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.19	47.35	21.23	54.00	6.65	150	220	Vertical
2	6955.29	57.02	21.26	74.00	16.98	150	271	Vertical
3	11060.0	41.09	-2.22	54.00	12.91	150	18	Vertical
4	11060.0	53.13	-2.22	74.00	20.87	150	117	Vertical
5	16590.0	53.19	-1.30	74.00	20.81	150	318	Vertical
6	16590.0	41.39	-1.30	54.00	12.61	150	18	Vertical
7	17923.5	43.82	-1.30	54.00	10.18	150	268	Vertical

Final Data List



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.

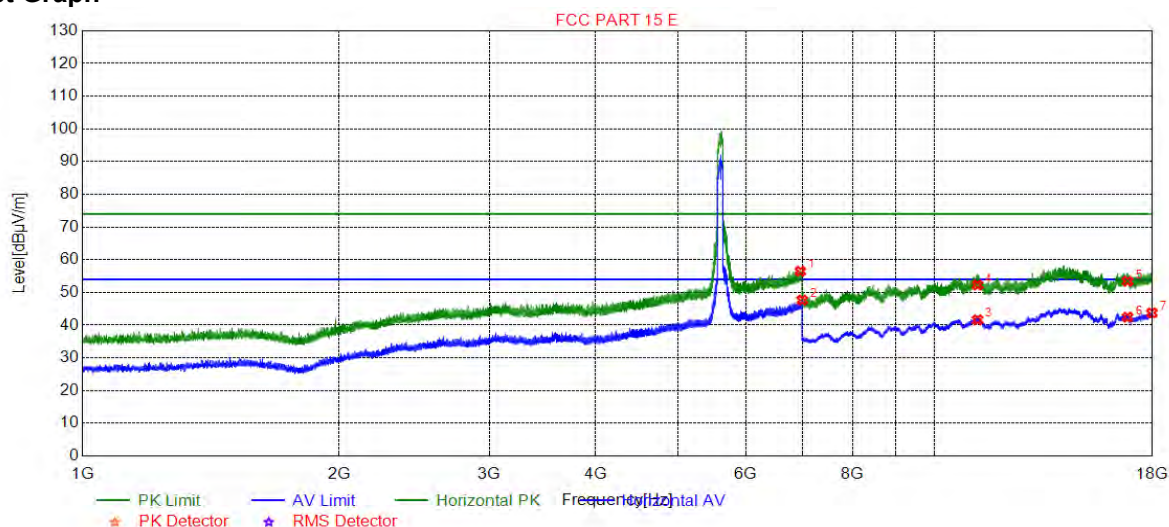
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) EMC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.125 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.29	56.49	21.26	74.00	17.51	150	342	Horizontal
2	6986.49	47.65	21.27	54.00	6.35	150	0	Horizontal
3	11220.0	41.64	-2.35	54.00	12.36	150	342	Horizontal
4	11220.0	52.29	-2.35	74.00	21.71	150	42	Horizontal
5	16830.0	53.45	-0.56	74.00	20.55	150	242	Horizontal
6	16830.0	42.45	-0.56	54.00	11.55	150	92	Horizontal
7	17971.9	43.75	-1.29	54.00	10.25	150	143	Horizontal

Final Data List

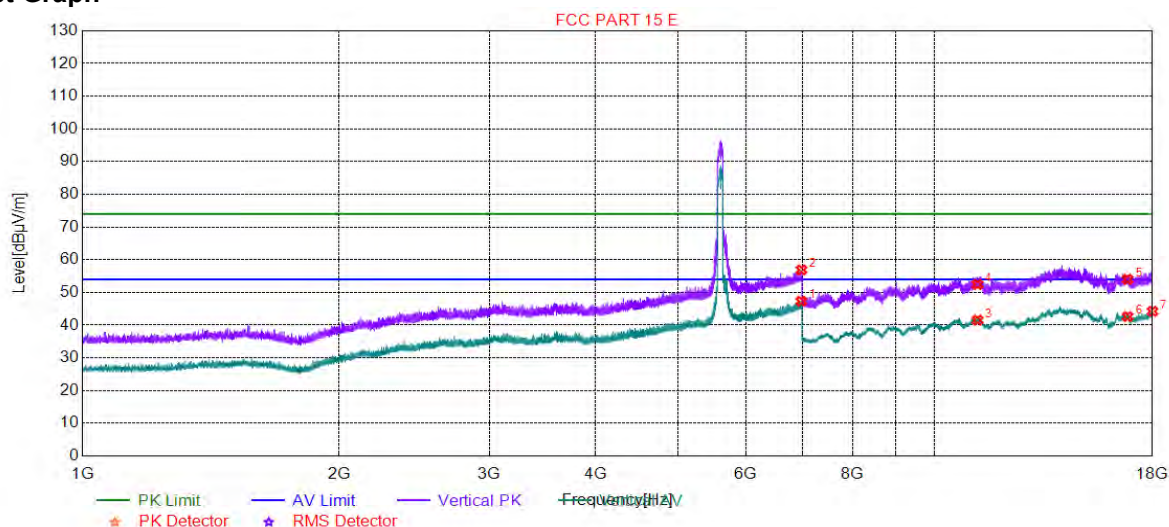


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.126 802.11AC80_Channel 122

Test Graph



Suspected List

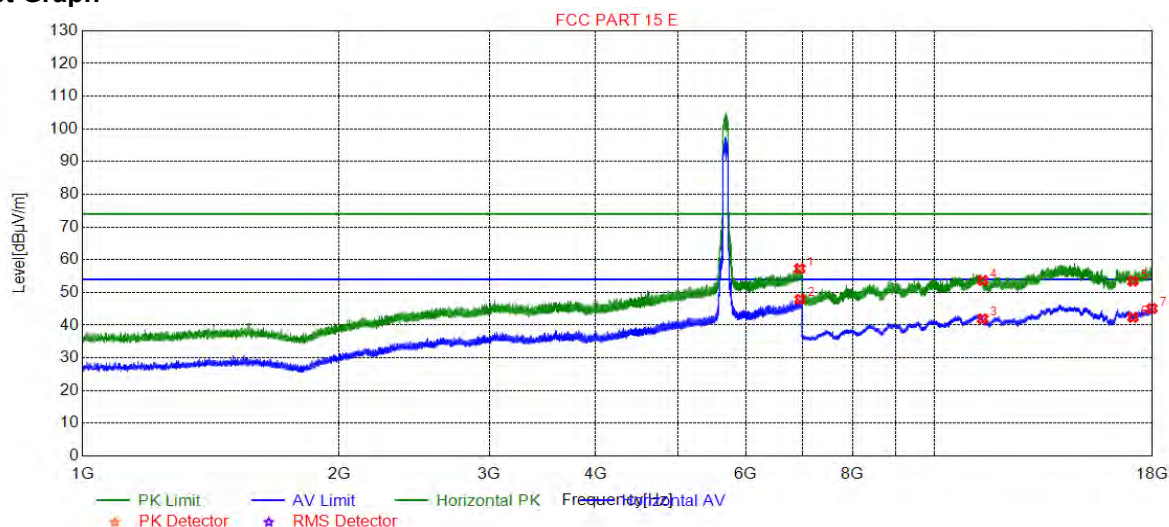
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.59	47.35	21.26	54.00	6.65	150	69	Vertical
2	6973.89	56.90	21.26	74.00	17.10	150	271	Vertical
3	11220.0	41.56	-2.35	54.00	12.44	150	168	Vertical
4	11220.0	52.43	-2.35	74.00	21.57	150	119	Vertical
5	16830.0	54.02	-0.56	74.00	19.98	150	218	Vertical
6	16830.0	42.63	-0.56	54.00	11.37	150	119	Vertical
7	18000.0	44.22	-1.28	54.00	9.78	150	360	Vertical

Final Data List



4.9.2.127 802.11AC80_Channel 138

Test Graph



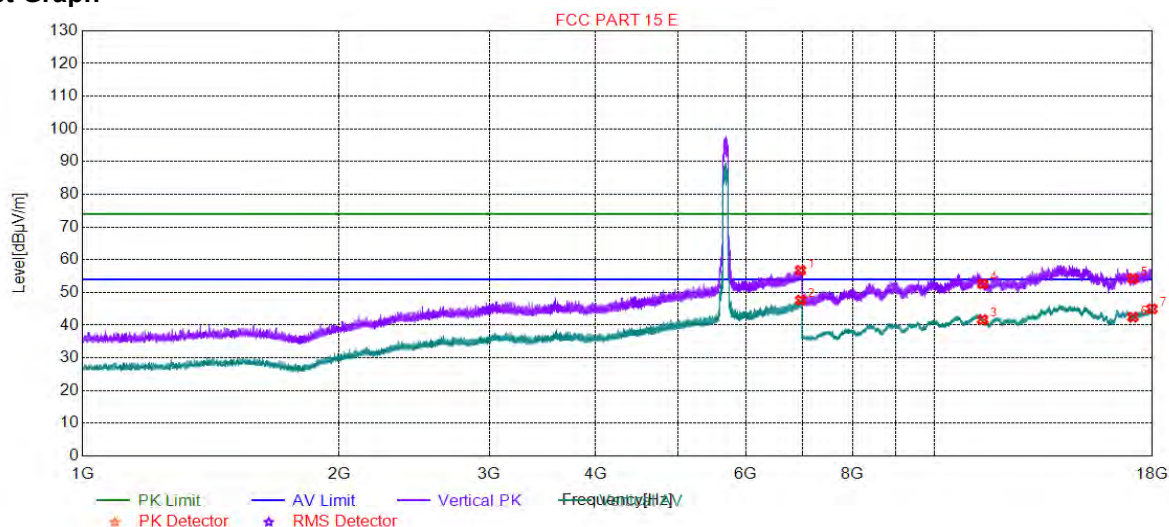
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.29	57.29	21.17	74.00	16.71	150	192	Horizontal
2	6948.99	47.93	21.25	54.00	6.07	150	342	Horizontal
3	11380.0	41.92	-2.17	54.00	12.08	150	0	Horizontal
4	11380.0	53.69	-2.17	74.00	20.31	150	192	Horizontal
5	17070.0	53.44	-2.31	74.00	20.56	150	93	Horizontal
6	17070.0	42.40	-2.31	54.00	11.60	150	143	Horizontal
7	17974.6	45.10	-1.29	54.00	8.90	150	43	Horizontal

Final Data List

4.9.2.128 802.11AC80_Channel 138

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6956.19	56.77	21.26	74.00	17.23	150	119	Vertical
2	6960.99	47.64	21.26	54.00	6.36	150	18	Vertical
3	11380.0	41.69	-2.17	54.00	12.31	150	18	Vertical
4	11380.0	52.63	-2.17	74.00	21.37	150	360	Vertical
5	17070.0	54.24	-2.31	74.00	19.76	150	318	Vertical
6	17070.0	42.49	-2.31	54.00	11.51	150	318	Vertical
7	17977.4	45.00	-1.29	54.00	9.00	150	168	Vertical

Final Data List

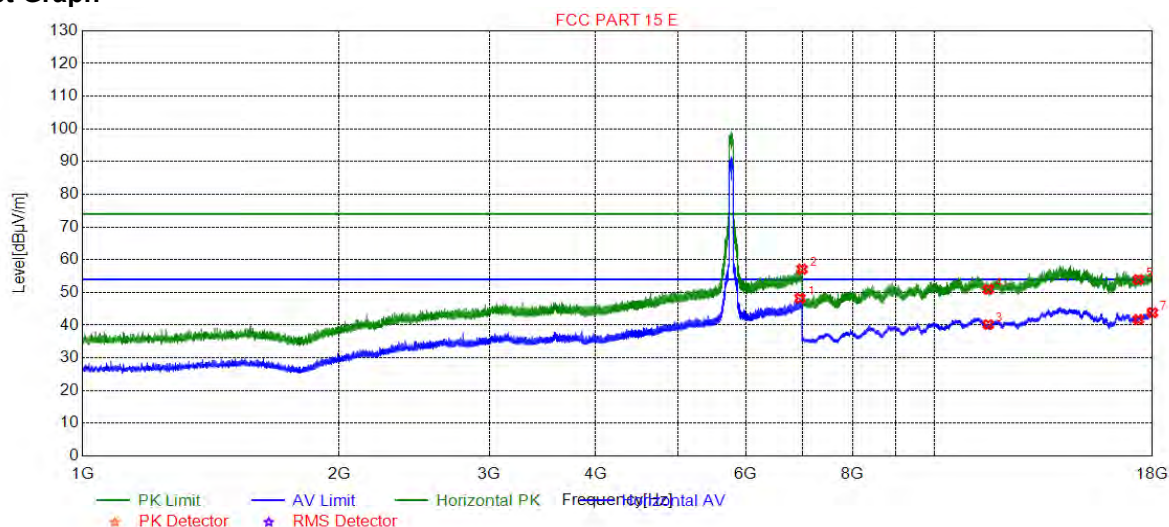


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.129 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.89	48.24	21.23	54.00	5.76	150	140	Horizontal
2	6983.49	57.14	21.27	74.00	16.86	150	41	Horizontal
3	11550.0	40.19	-2.29	54.00	13.81	150	140	Horizontal
4	11550.0	50.93	-2.29	74.00	23.07	150	0	Horizontal
5	17325.0	53.96	-2.09	74.00	20.04	150	241	Horizontal
6	17325.0	41.75	-2.09	54.00	12.25	150	191	Horizontal
7	17998.3	43.84	-1.28	54.00	10.16	150	40	Horizontal

Final Data List

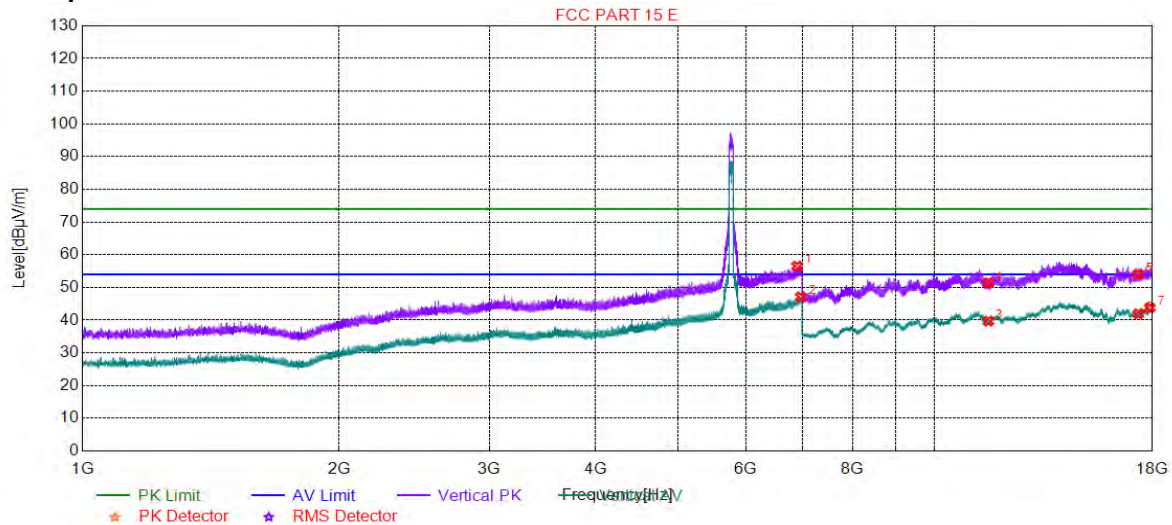


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.9.2.130 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.89	56.51	20.82	74.00	17.49	150	169	Vertical
2	6963.39	47.12	21.26	54.00	6.88	150	68	Vertical
3	11550.0	39.72	-2.29	54.00	14.28	150	68	Vertical
4	11550.0	51.40	-2.29	74.00	22.60	150	169	Vertical
5	17325.0	54.04	-2.09	74.00	19.96	150	68	Vertical
6	17325.0	41.95	-2.09	54.00	12.05	150	319	Vertical
7	17871.2	43.79	-1.69	54.00	10.21	150	220	Vertical

Final Data List

Remark:

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

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 40GHz, The disturbance between 9KHz to 30MHz and 18GHz to 40GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

4) All modes have been tested, but only the worst case data displayed in this report.

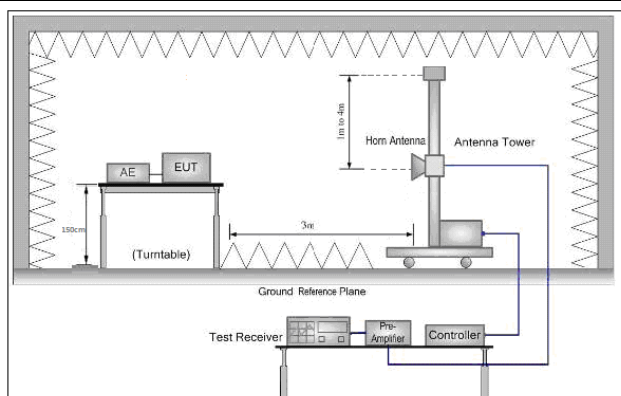


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m @3m)	Remark
	30MHz-88MHz	40.0	Quasi-peak Value
	88MHz-216MHz	43.5	Quasi-peak Value
	216MHz-960MHz	46.0	Quasi-peak Value
	960MHz-1GHz	54.0	Quasi-peak Value
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			

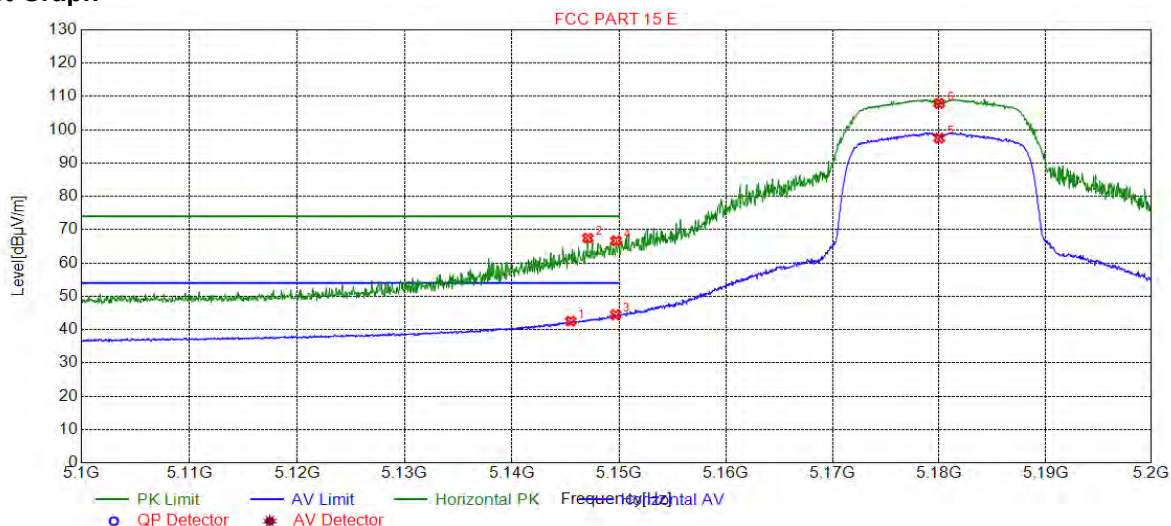


Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80); MCS0 of rate is the worst case of 802.11ac(HT160) Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



4.10.1 Test plots
4.10.1.1 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.47	42.55	15.48	54.00	11.45	150	14	Horizontal
2	5147.07	67.47	15.49	74.00	6.53	150	14	Horizontal
3	5149.67	44.54	15.52	54.00	9.46	150	14	Horizontal
4	5149.72	66.68	15.52	74.00	7.32	150	25	Horizontal
5	5180.00	97.47	15.56	0.00	-97.47	150	14	Horizontal
6	5180.00	107.92	15.56	0.00	-107.92	150	14	Horizontal

Final Data List

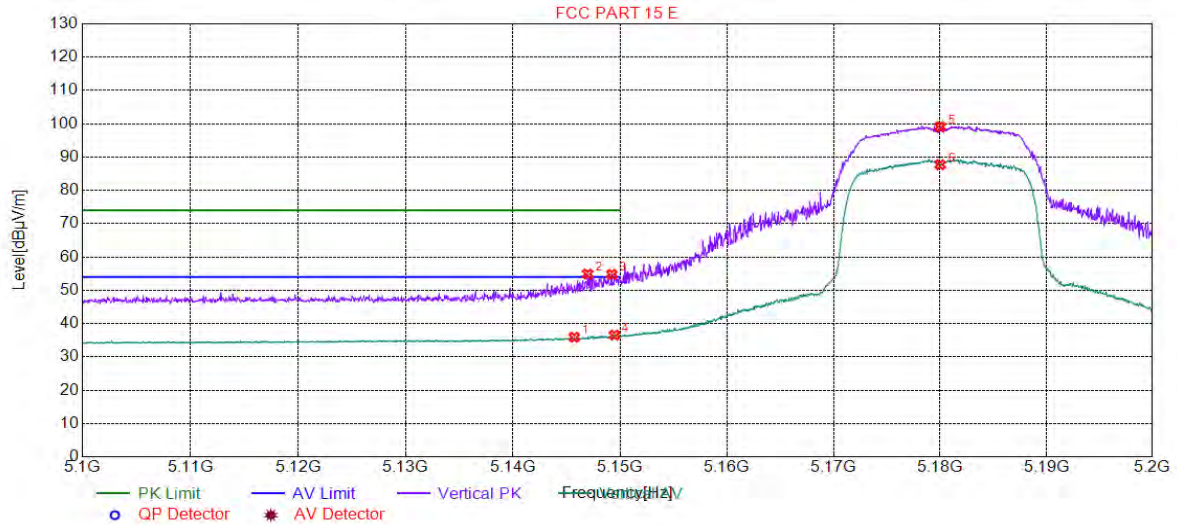


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.72	35.93	15.48	54.00	18.07	150	137	Vertical
2	5146.97	54.92	15.49	74.00	19.08	150	186	Vertical
3	5149.22	54.83	15.51	74.00	19.17	150	247	Vertical
4	5149.47	36.60	15.52	54.00	17.40	150	137	Vertical
5	5180.00	99.13	15.56	0.00	-99.13	150	169	Vertical
6	5180.00	87.73	15.56	0.00	-87.73	150	147	Vertical

Final Data List



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.

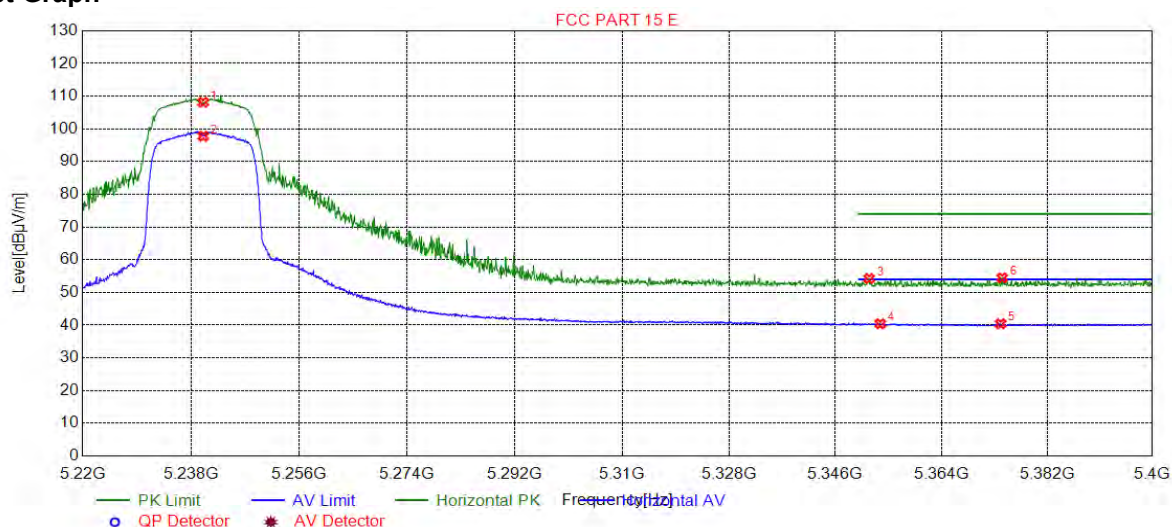
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.3 802.11A_Channel 48

Test Graph



Suspected List

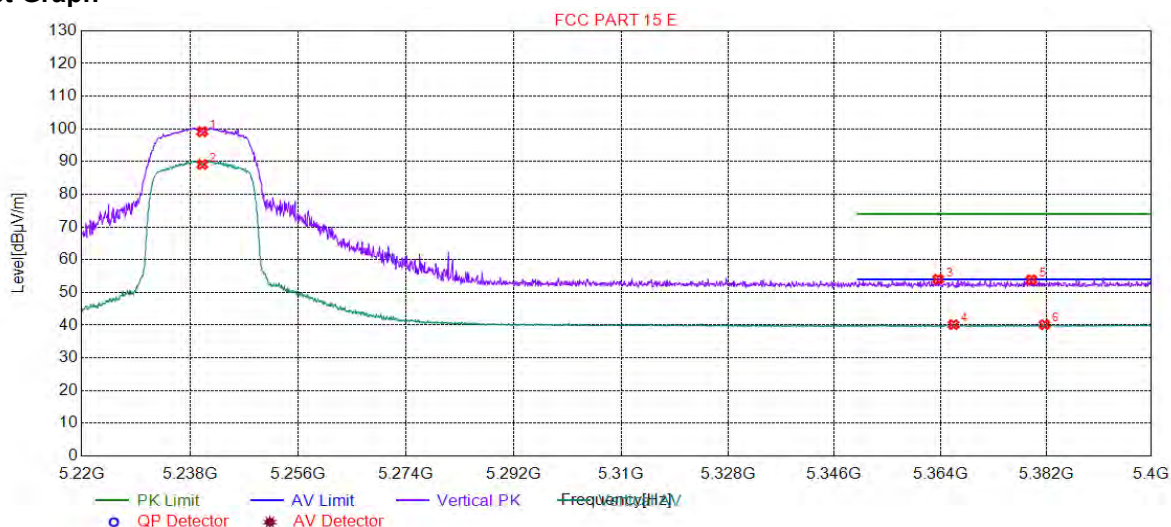
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	108.15	15.49	0.00	-108.15	150	358	Horizontal
2	5240.00	97.79	15.49	0.00	-97.79	150	358	Horizontal
3	5351.73	54.27	15.95	74.00	19.73	150	15	Horizontal
4	5353.62	40.44	15.96	54.00	13.56	150	330	Horizontal
5	5374.06	40.44	16.09	54.00	13.56	150	351	Horizontal
6	5374.33	54.49	16.09	74.00	19.51	150	200	Horizontal

Final Data List



4.10.1.4 802.11A_Channel 48

Test Graph



Suspected List

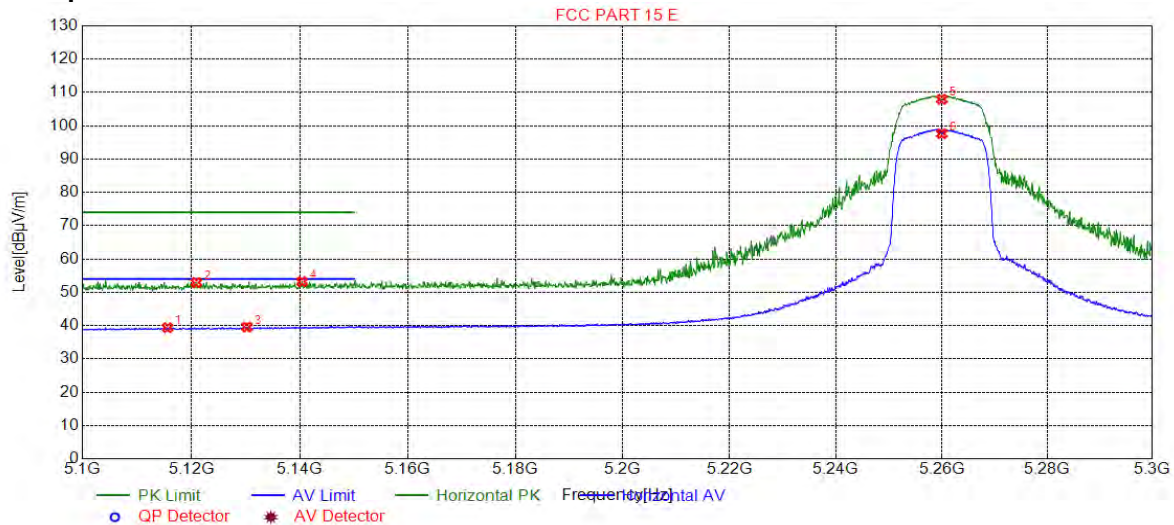
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	99.18	15.49	0.00	-99.18	150	159	Vertical
2	5240.00	89.15	15.49	0.00	-89.15	150	152	Vertical
3	5363.62	54.06	16.02	74.00	19.94	150	125	Vertical
4	5366.23	40.16	16.04	54.00	13.84	150	222	Vertical
5	5379.46	53.88	16.12	74.00	20.12	150	2	Vertical
6	5381.72	40.17	16.14	54.00	13.83	150	83	Vertical

Final Data List



4.10.1.5 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5115.60	39.39	15.22	54.00	14.61	150	22	Horizontal
2	5120.91	52.96	15.27	74.00	21.04	150	228	Horizontal
3	5130.21	39.61	15.35	54.00	14.39	150	15	Horizontal
4	5140.42	53.20	15.44	74.00	20.80	150	55	Horizontal
5	5260.00	107.98	15.51	0.00	-107.98	150	353	Horizontal
6	5260.00	97.62	15.51	0.00	-97.62	150	360	Horizontal

Final Data List



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (China) (Formerly: SGC Laboratory).

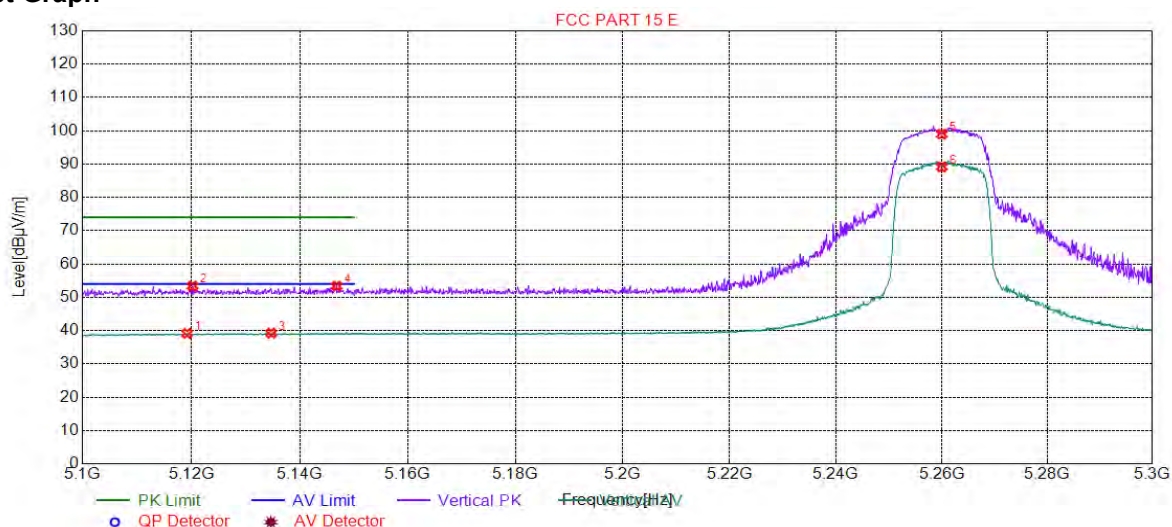
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have read, understood and accepted the Terms and Conditions of the document and the Company's policy. The Client's instructions, if any, are the Company's sole responsibility 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 omission of any part of this document, or any other act of fraud, is strictly prohibited. The Company is not responsible for the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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.Doocheek@sgs.com

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.6 802.11A_Channel 52

Test Graph



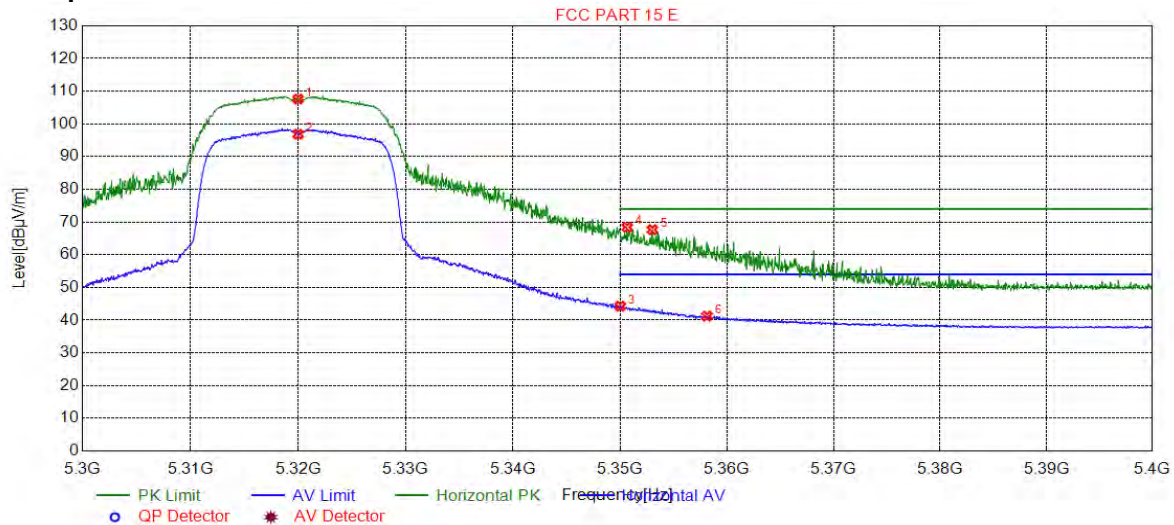
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5119.20	39.19	15.26	54.00	14.81	150	185	Vertical
2	5120.21	53.39	15.26	74.00	20.61	150	199	Vertical
3	5134.71	39.24	15.39	54.00	14.76	150	282	Vertical
4	5146.82	53.40	15.49	74.00	20.60	150	254	Vertical
5	5260.00	98.98	15.51	0.00	-98.98	150	159	Vertical
6	5260.00	89.16	15.51	0.00	-89.16	150	159	Vertical

Final Data List

4.10.1.7 802.11A_Channel 64

Test Graph



Suspected List

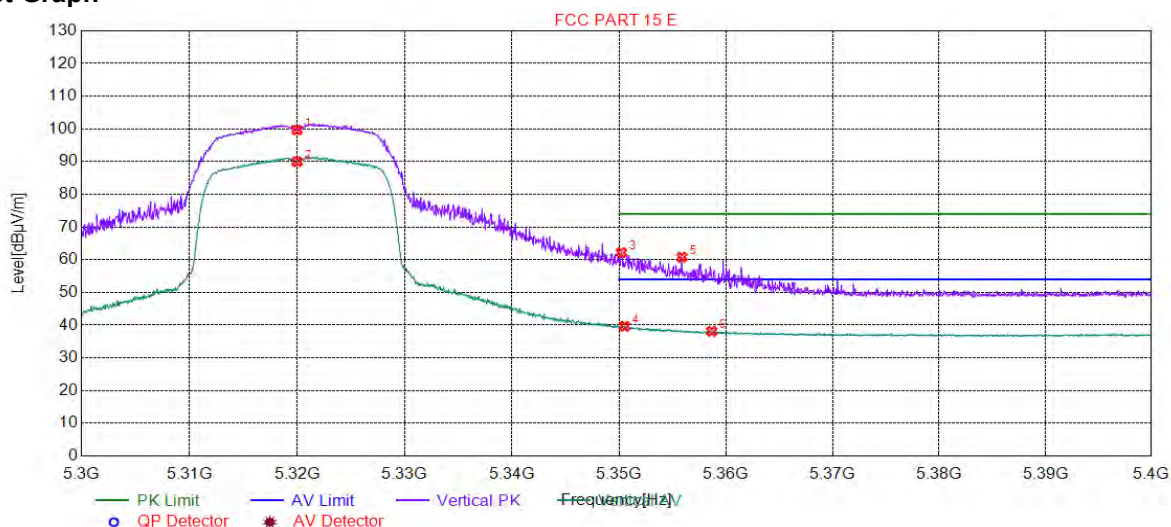
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	107.61	15.80	0.00	-107.61	150	333	Horizontal
2	5320.00	96.84	15.80	0.00	-96.84	150	340	Horizontal
3	5350.02	44.26	15.94	54.00	9.74	150	340	Horizontal
4	5350.67	68.42	15.94	74.00	5.58	150	359	Horizontal
5	5353.02	67.68	15.96	74.00	6.32	150	16	Horizontal
6	5358.12	41.24	15.99	54.00	12.76	150	354	Horizontal

Final Data List



4.10.1.8 802.11A_Channel 64

Test Graph



Suspected List

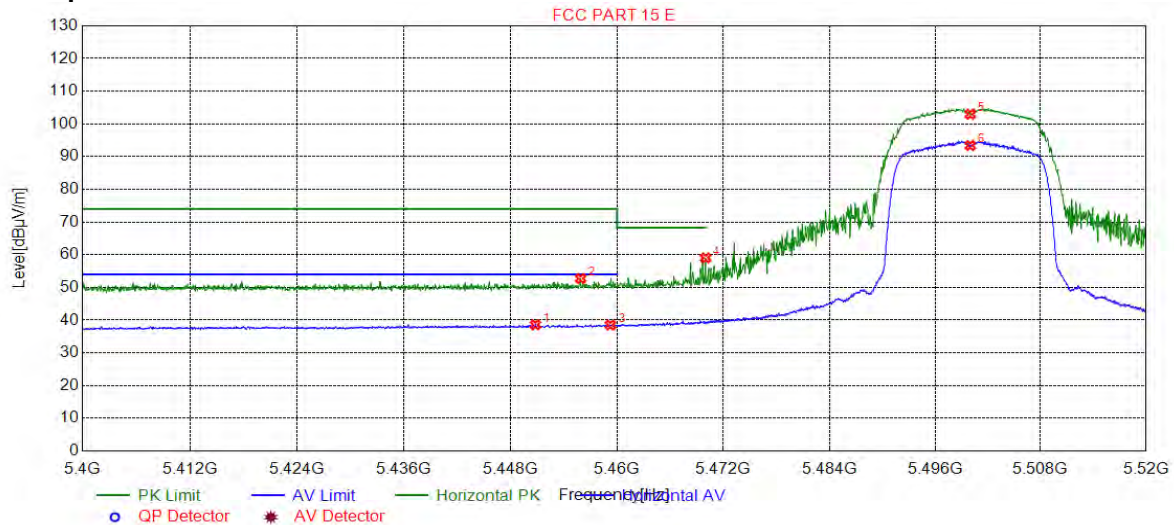
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	99.67	15.80	0.00	-99.67	150	243	Vertical
2	5320.00	90.00	15.80	0.00	-90.00	150	250	Vertical
3	5350.22	62.19	15.94	74.00	11.81	150	132	Vertical
4	5350.52	39.66	15.94	54.00	14.34	150	160	Vertical
5	5355.87	60.81	15.98	74.00	13.19	150	139	Vertical
6	5358.67	38.14	15.99	54.00	15.86	150	167	Vertical

Final Data List



4.10.1.9 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5450.78	38.59	16.25	54.00	15.41	150	346	Horizontal
2	5455.88	52.76	16.25	74.00	21.24	150	314	Horizontal
3	5459.24	38.52	16.25	54.00	15.48	150	346	Horizontal
4	5469.99	59.02	16.25	68.30	9.28	150	214	Horizontal
5	5500.00	102.99	16.25	0.00	-102.99	150	330	Horizontal
6	5500.00	93.39	16.25	0.00	-93.39	150	335	Horizontal

Final Data List



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.

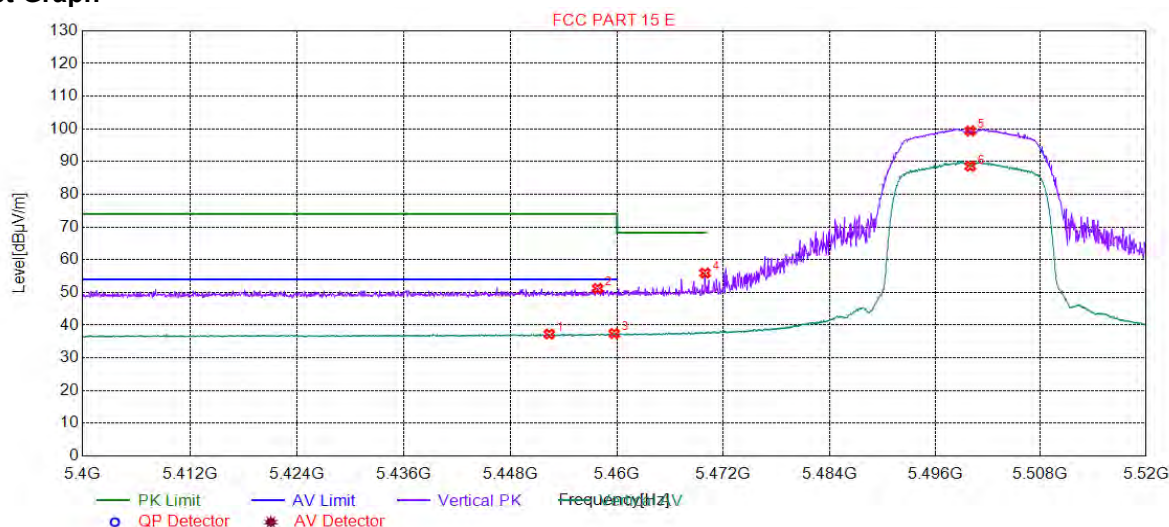
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.10 802.11A_Channel 100

Test Graph



Suspected List

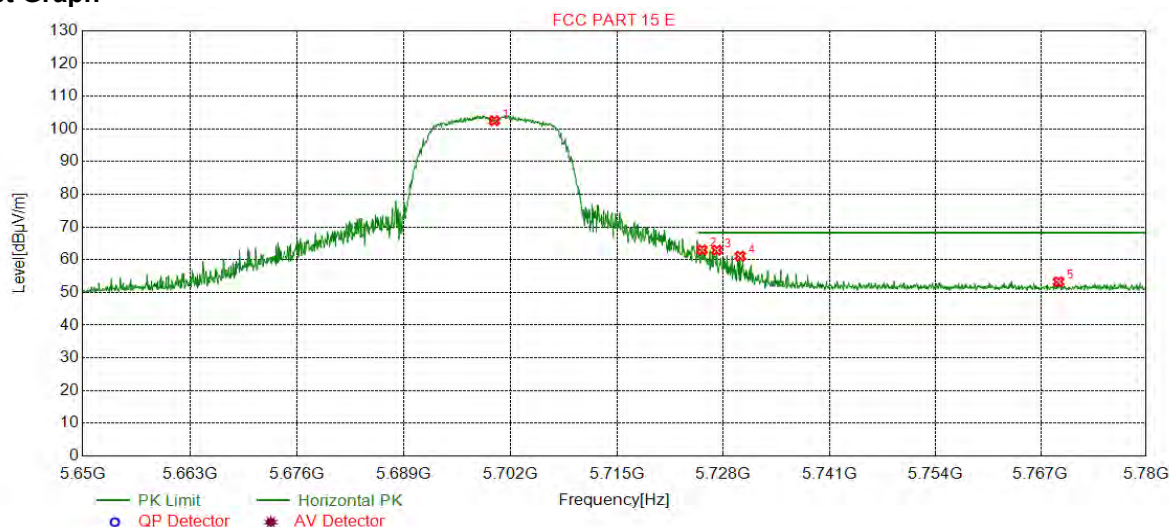
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.34	37.28	16.25	54.00	16.72	150	19	Vertical
2	5457.80	51.22	16.25	74.00	22.78	150	321	Vertical
3	5459.66	37.45	16.25	54.00	16.55	150	139	Vertical
4	5469.93	55.94	16.25	68.30	12.36	150	250	Vertical
5	5500.00	99.37	16.25	0.00	-99.37	150	255	Vertical
6	5500.00	88.58	16.25	0.00	-88.58	150	250	Vertical

Final Data List



4.10.1.11 802.11A_Channel 140

Test Graph



Suspected List

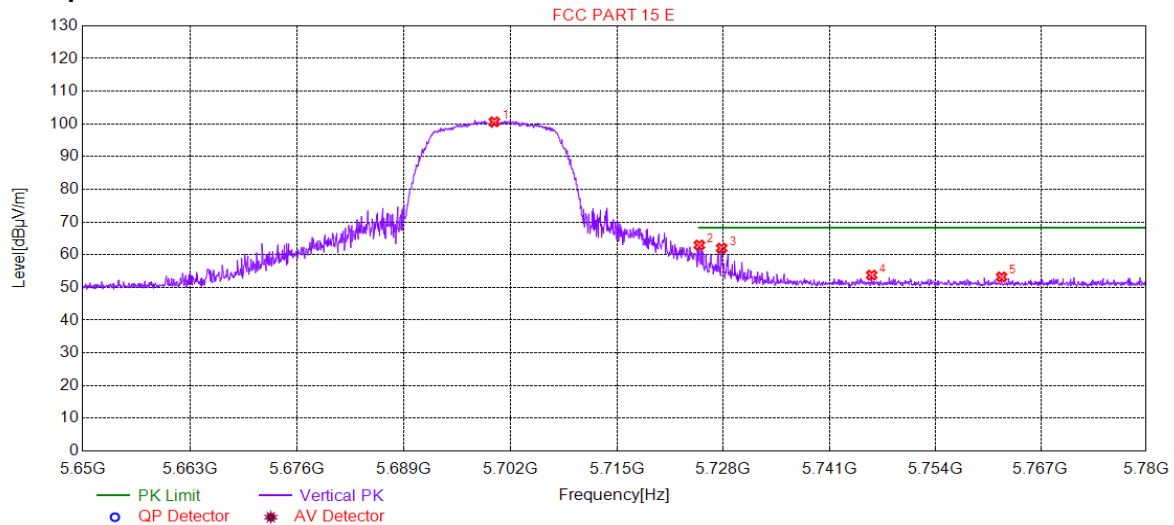
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	102.50	16.80	0.00	-102.50	150	344	Horizontal
2	5725.37	63.03	16.96	68.30	5.27	150	340	Horizontal
3	5727.19	62.94	16.97	68.30	5.36	150	309	Horizontal
4	5730.05	61.11	16.99	68.30	7.19	150	331	Horizontal
5	5769.20	53.30	17.15	68.30	15.00	150	34	Horizontal

Final Data List



4.10.1.12 802.11A_Channel 140

Test Graph



Suspected List

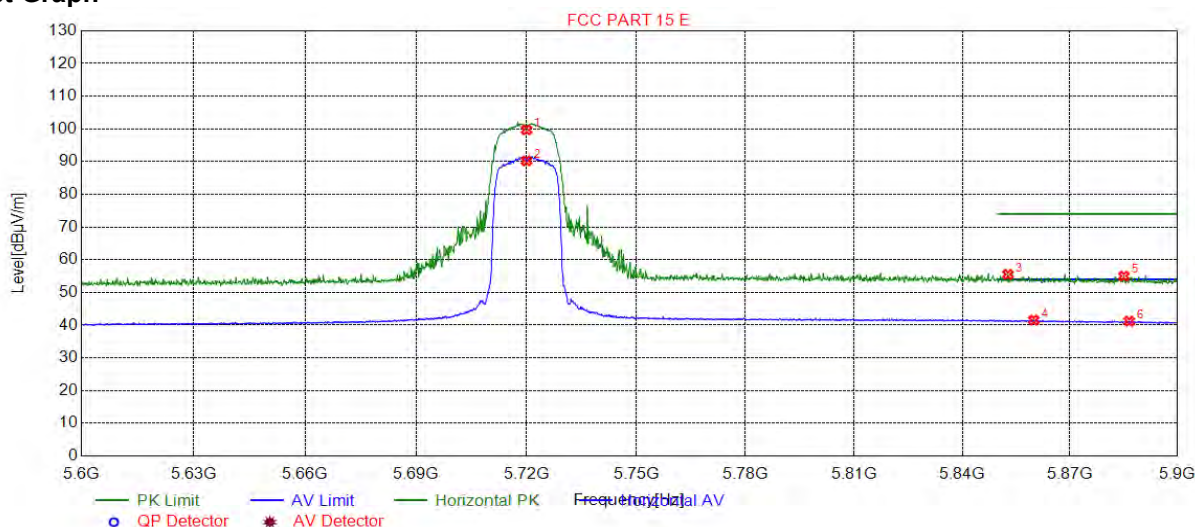
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	100.66	16.80	0.00	-100.66	150	233	Vertical
2	5725.04	62.97	16.96	68.30	5.33	150	144	Vertical
3	5727.77	62.03	16.98	68.30	6.27	150	172	Vertical
4	5746.18	53.78	17.10	68.30	14.52	150	158	Vertical
5	5762.18	53.22	17.14	68.30	15.08	150	251	Vertical

Final Data List



4.10.1.13 802.11A_Channel 144

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	99.73	16.93	0.00	-99.73	150	338	Horizontal
2	5720.00	90.27	16.93	0.00	-90.27	150	344	Horizontal
3	5852.72	55.52	17.25	74.00	18.48	150	139	Horizontal
4	5859.93	41.56	17.23	54.00	12.44	150	222	Horizontal
5	5885.14	55.00	17.15	74.00	19.00	150	187	Horizontal
6	5886.64	41.20	17.15	54.00	12.80	150	76	Horizontal

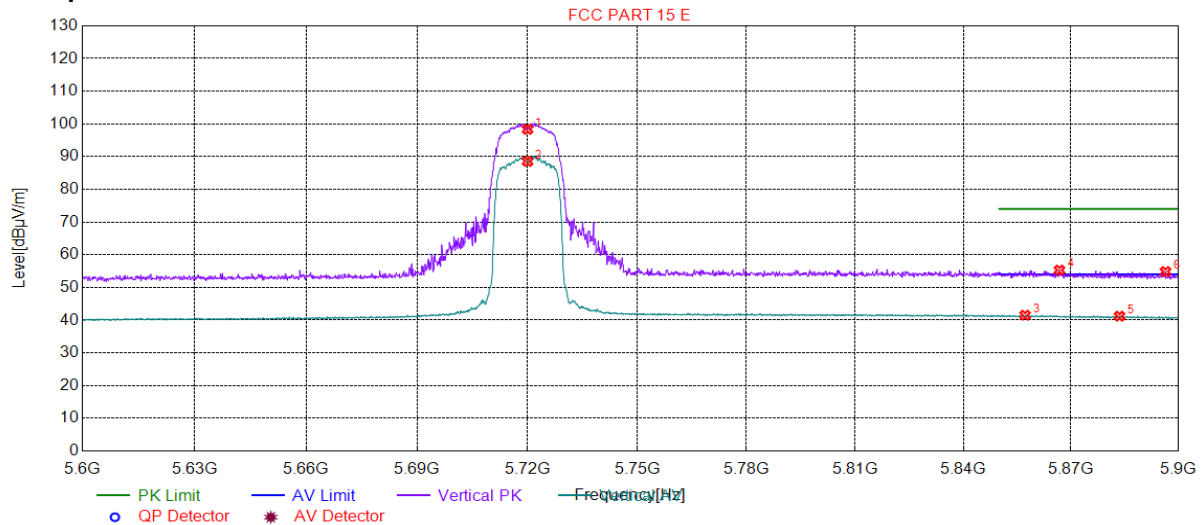
Final Data List





4.10.1.14 802.11A_Channel 144

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	98.34	16.93	0.00	-98.34	150	257	Vertical
2	5720.00	88.55	16.93	0.00	-88.55	150	250	Vertical
3	5857.22	41.52	17.24	54.00	12.48	150	92	Vertical
4	5866.83	55.31	17.21	74.00	18.69	150	202	Vertical
5	5883.64	41.23	17.16	54.00	12.77	150	161	Vertical
6	5896.54	54.87	17.12	74.00	19.13	150	168	Vertical

Final Data List

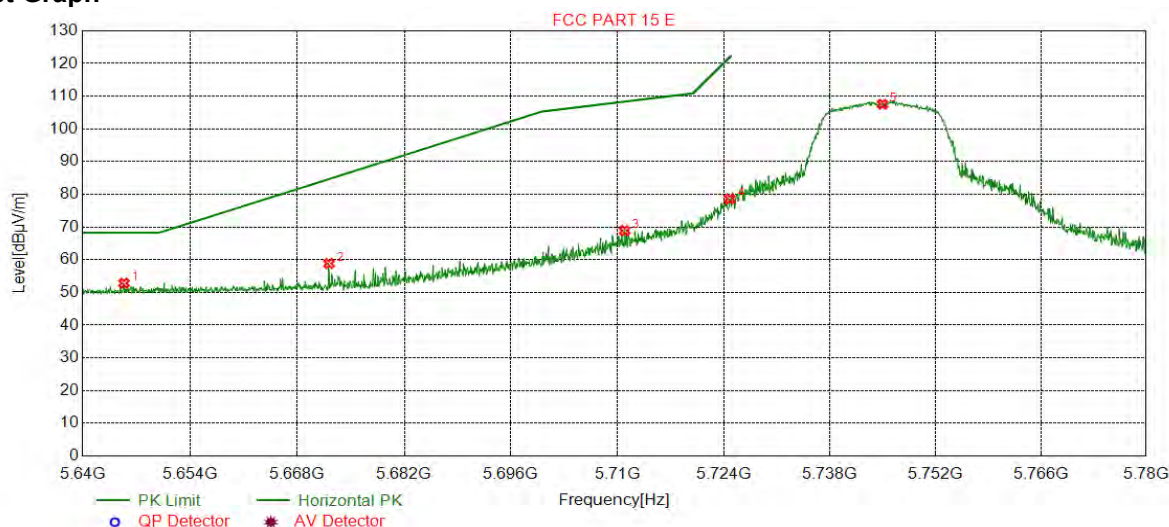


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.15 802.11A_Channel 149

Test Graph



Suspected List

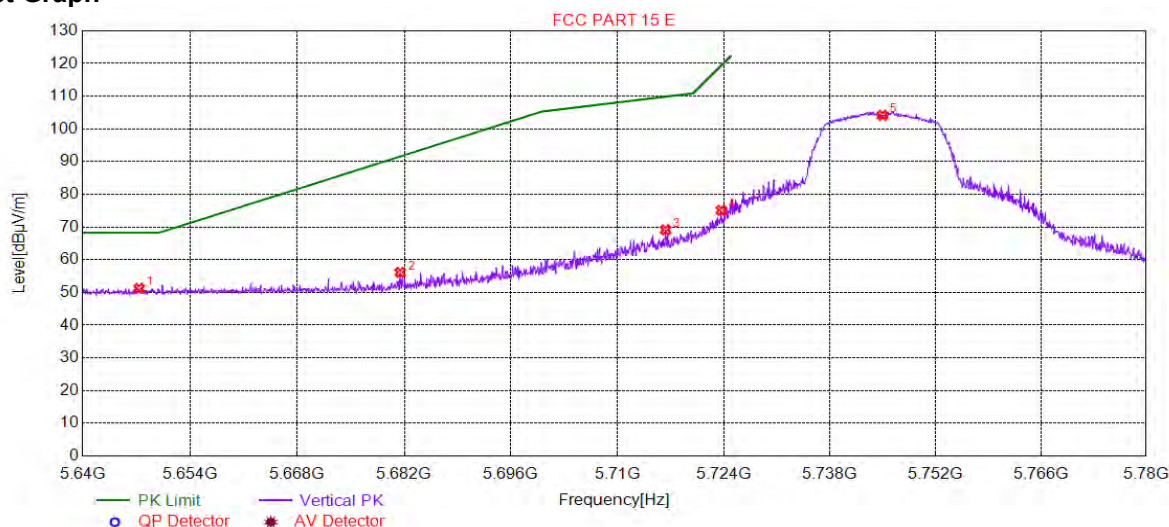
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.39	52.84	16.54	68.30	15.46	150	21	Horizontal
2	5672.14	58.86	16.65	84.69	25.83	150	281	Horizontal
3	5710.94	68.92	16.87	108.36	39.44	150	331	Horizontal
4	5724.81	78.60	16.96	121.87	43.27	150	207	Horizontal
5	5745.00	107.55	17.09	0.00	-107.55	150	318	Horizontal

Final Data List



4.10.1.16 802.11A_Channel 149

Test Graph



Suspected List

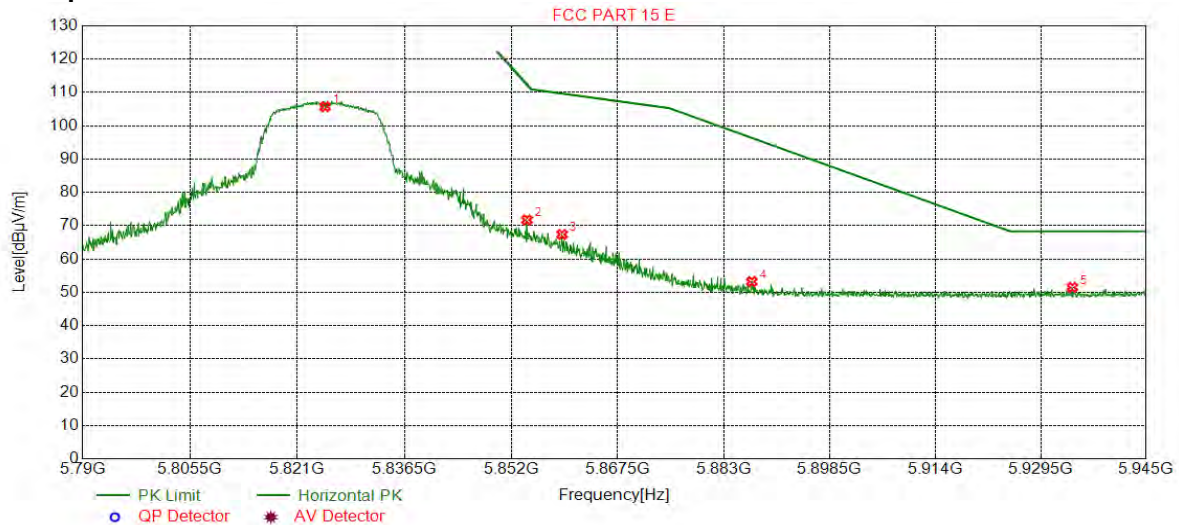
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.35	51.24	16.53	68.30	17.06	150	335	Vertical
2	5681.46	56.12	16.70	91.58	35.46	150	238	Vertical
3	5716.33	69.14	16.90	109.87	40.73	150	145	Vertical
4	5723.69	75.11	16.95	119.32	44.21	150	103	Vertical
5	5745.00	104.15	17.09	0.00	-104.15	150	256	Vertical

Final Data List



4.10.1.17 802.11A_Channel 165

Test Graph



Suspected List

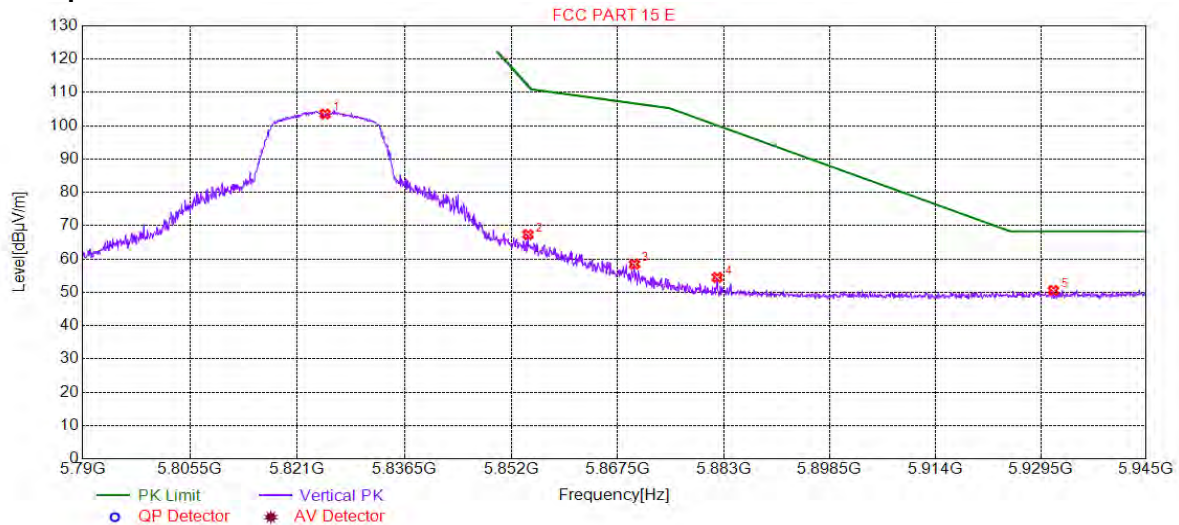
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.73	17.23	0.00	-105.73	150	344	Horizontal
2	5854.27	71.75	17.25	112.54	40.79	150	310	Horizontal
3	5859.39	67.38	17.23	109.67	42.29	150	331	Horizontal
4	5887.07	53.23	17.15	96.36	43.13	150	318	Horizontal
5	5934.14	51.51	17.64	68.30	16.79	150	103	Horizontal

Final Data List



4.10.1.18 802.11A_Channel 165

Test Graph



Suspected List

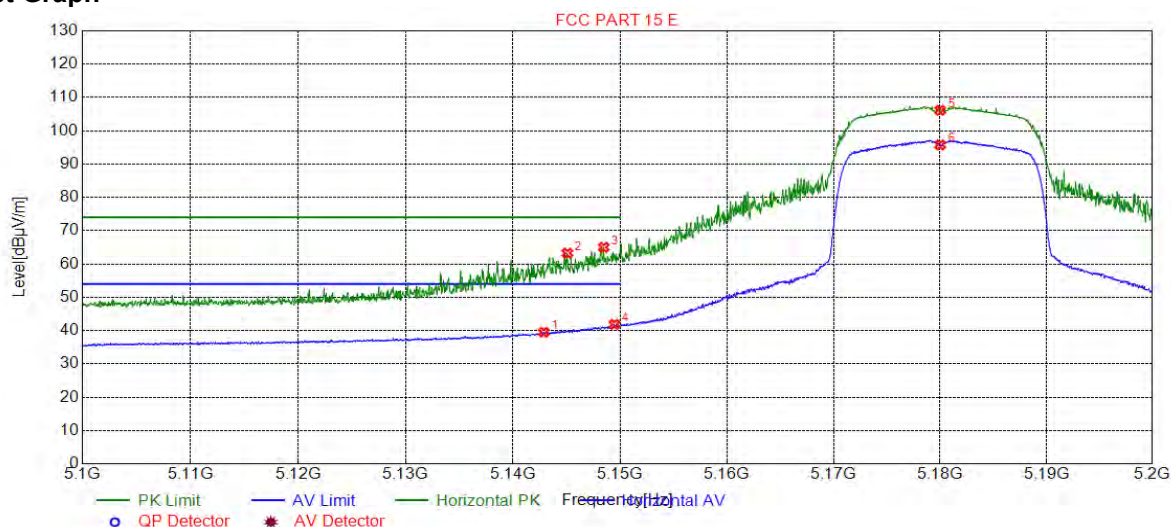
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	103.53	17.23	0.00	-103.53	150	136	Vertical
2	5854.43	67.33	17.25	112.19	44.86	150	256	Vertical
3	5869.94	58.47	17.20	106.72	48.25	150	256	Vertical
4	5882.03	54.46	17.16	100.09	45.63	150	219	Vertical
5	5931.35	50.59	17.59	68.30	17.71	150	24	Vertical

Final Data List



4.10.1.19 802.11N20_Channel 36

Test Graph



Suspected List

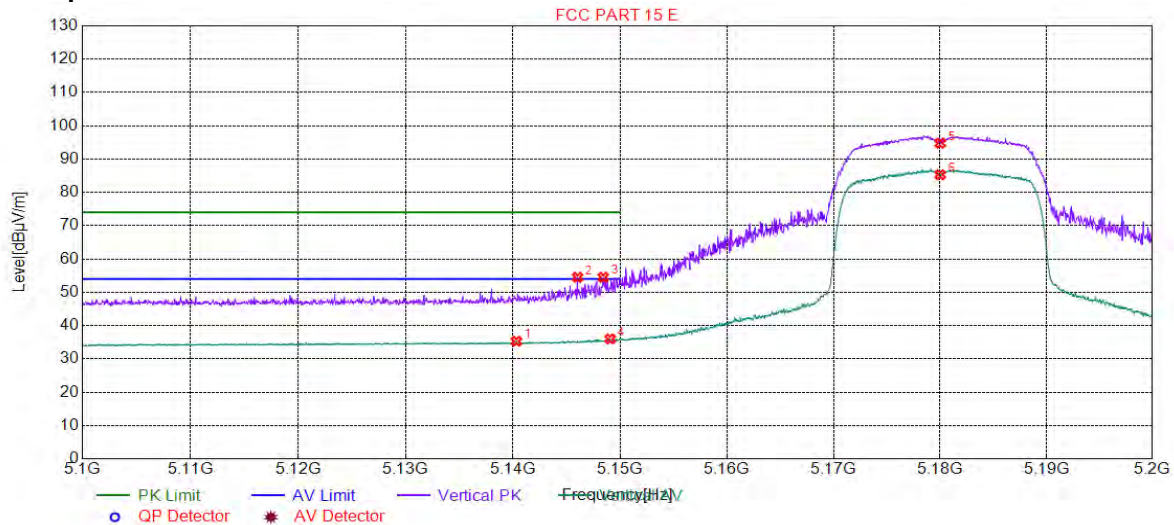
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.87	39.54	15.46	54.00	14.46	150	13	Horizontal
2	5145.07	63.26	15.48	74.00	10.74	150	346	Horizontal
3	5148.47	65.02	15.51	74.00	8.98	150	13	Horizontal
4	5149.47	41.91	15.52	54.00	12.09	150	346	Horizontal
5	5180.00	106.14	15.56	0.00	-106.14	150	346	Horizontal
6	5180.00	95.76	15.56	0.00	-95.76	150	346	Horizontal

Final Data List



4.10.1.20 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.32	35.34	15.44	54.00	18.66	150	144	Vertical
2	5146.02	54.50	15.49	74.00	19.50	150	150	Vertical
3	5148.42	54.53	15.51	74.00	19.47	150	177	Vertical
4	5149.07	36.03	15.51	54.00	17.97	150	166	Vertical
5	5180.00	94.77	15.56	0.00	-94.77	150	172	Vertical
6	5180.00	85.30	15.56	0.00	-85.30	150	177	Vertical

Final Data List



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.

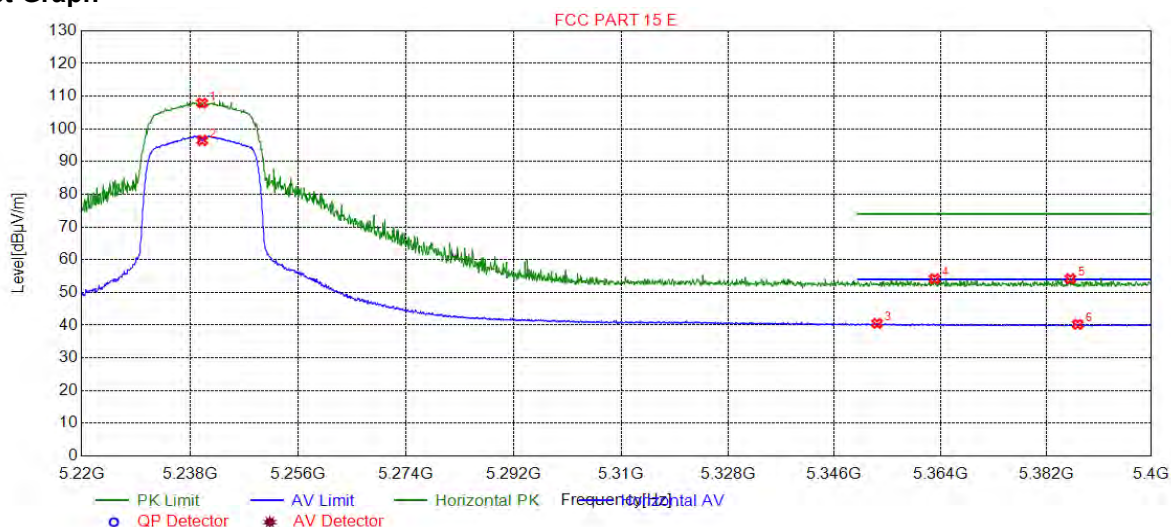
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.21 802.11N20_Channel 48

Test Graph



Suspected List

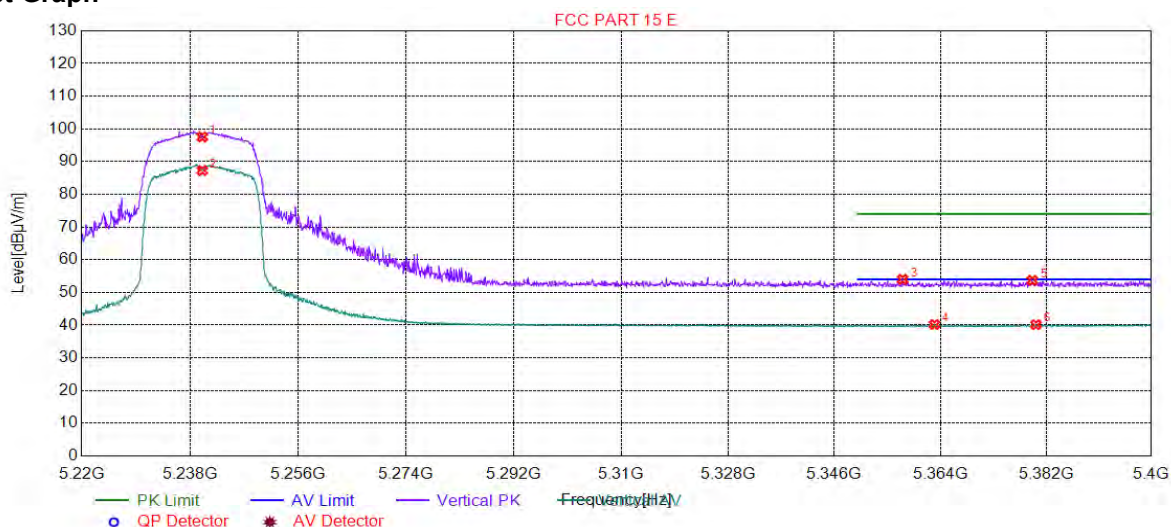
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	107.90	15.49	0.00	-107.90	150	345	Horizontal
2	5240.00	96.48	15.49	0.00	-96.48	150	345	Horizontal
3	5353.26	40.55	15.96	54.00	13.45	150	345	Horizontal
4	5362.99	54.21	16.02	74.00	19.79	150	338	Horizontal
5	5386.13	54.20	16.16	74.00	19.80	150	311	Horizontal
6	5387.39	40.26	16.17	54.00	13.74	150	345	Horizontal

Final Data List



4.10.1.22 802.11N20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	97.55	15.49	0.00	-97.55	150	244	Vertical
2	5240.00	87.29	15.49	0.00	-87.29	150	175	Vertical
3	5357.58	54.04	15.99	74.00	19.96	150	237	Vertical
4	5362.99	40.20	16.02	54.00	13.80	150	161	Vertical
5	5379.64	53.70	16.12	74.00	20.30	150	355	Vertical
6	5380.28	40.16	16.13	54.00	13.84	150	237	Vertical

Final Data List



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.

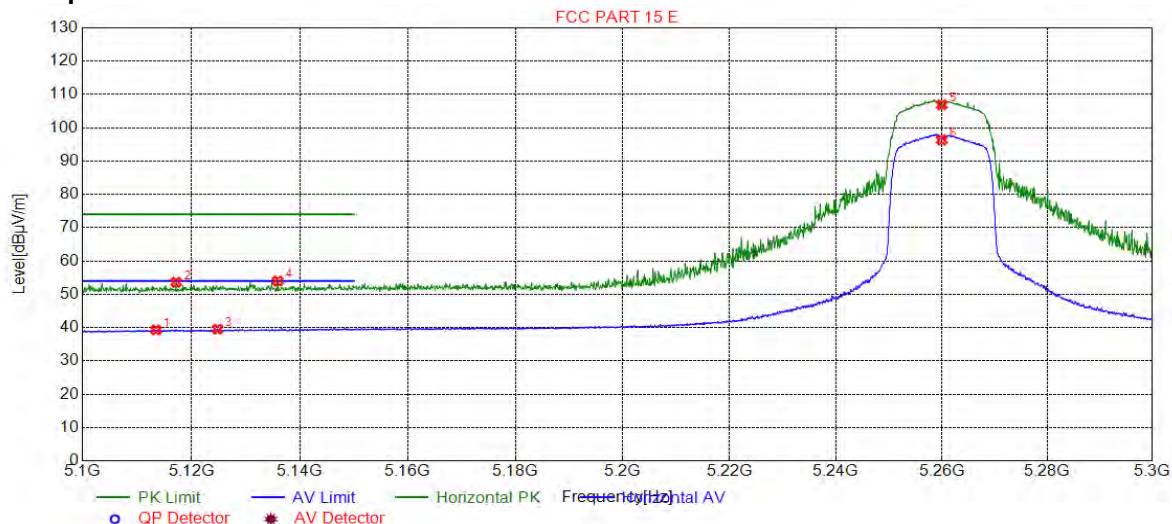
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.23 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5113.50	39.31	15.21	54.00	14.69	150	30	Horizontal
2	5117.20	53.64	15.24	74.00	20.36	150	344	Horizontal
3	5124.81	39.56	15.30	54.00	14.44	150	0	Horizontal
4	5135.91	54.00	15.40	74.00	20.00	150	0	Horizontal
5	5260.00	106.90	15.51	0.00	-106.90	150	344	Horizontal
6	5260.00	96.37	15.51	0.00	-96.37	150	344	Horizontal

Final Data List



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.

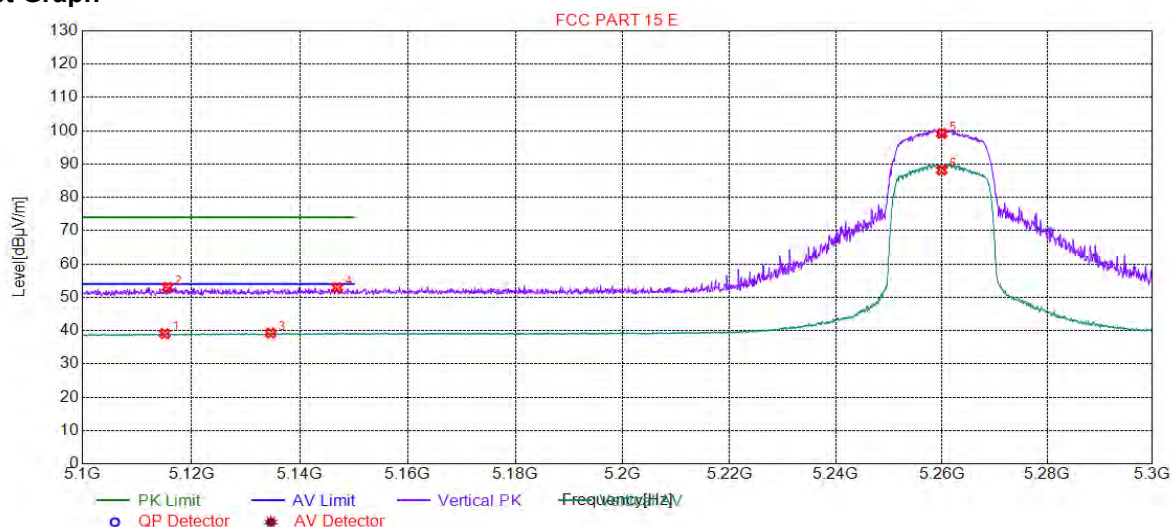
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.24 802.11N20_Channel 52

Test Graph



Suspected List

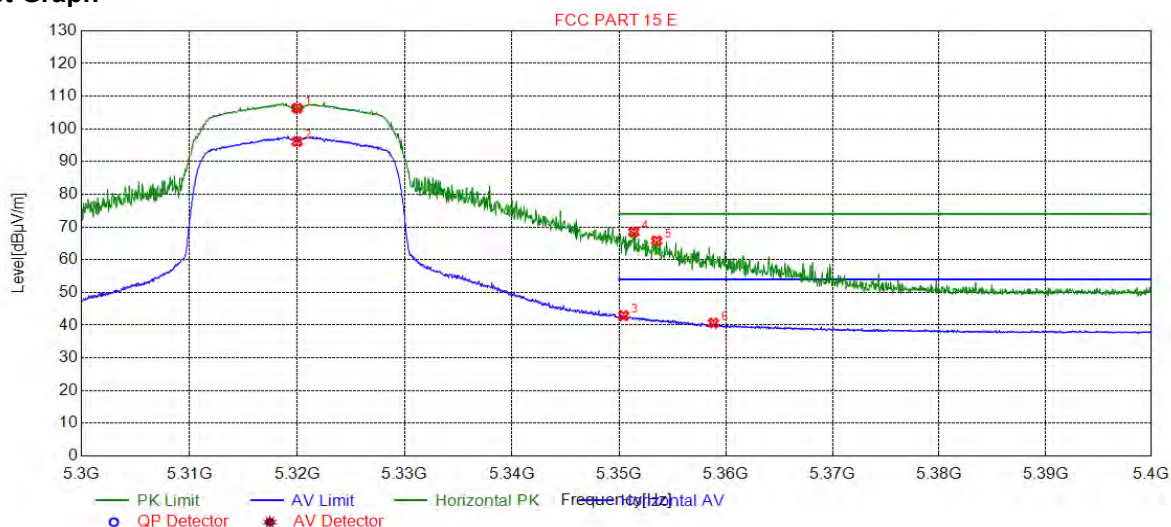
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5115.10	39.11	15.22	54.00	14.89	150	42	Vertical
2	5115.60	53.04	15.22	74.00	20.96	150	345	Vertical
3	5134.61	39.25	15.39	54.00	14.75	150	338	Vertical
4	5146.92	52.93	15.49	74.00	21.07	150	345	Vertical
5	5260.00	99.18	15.51	0.00	-99.18	150	166	Vertical
6	5260.00	88.20	15.51	0.00	-88.20	150	166	Vertical

Final Data List



4.10.1.25 802.11N20_Channel 64

Test Graph



Suspected List

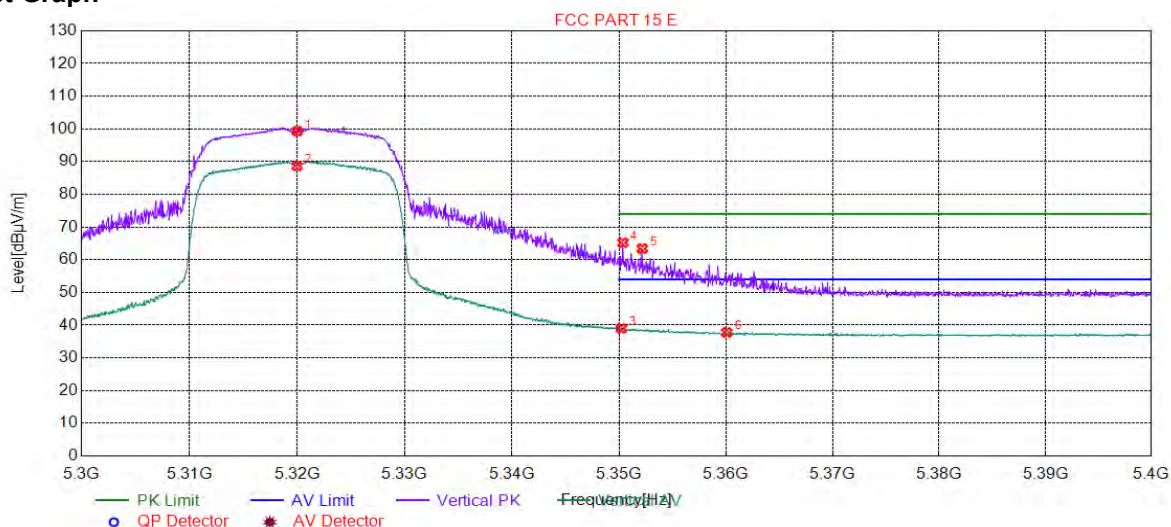
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	106.34	15.80	0.00	-106.34	150	344	Horizontal
2	5320.00	96.15	15.80	0.00	-96.15	150	344	Horizontal
3	5350.42	42.92	15.94	54.00	11.08	150	0	Horizontal
4	5351.37	68.48	15.95	74.00	5.52	150	344	Horizontal
5	5353.52	65.81	15.96	74.00	8.19	150	344	Horizontal
6	5358.82	40.64	15.99	54.00	13.36	150	344	Horizontal

Final Data List



4.10.1.26 802.11N20_Channel 64

Test Graph



Suspected List

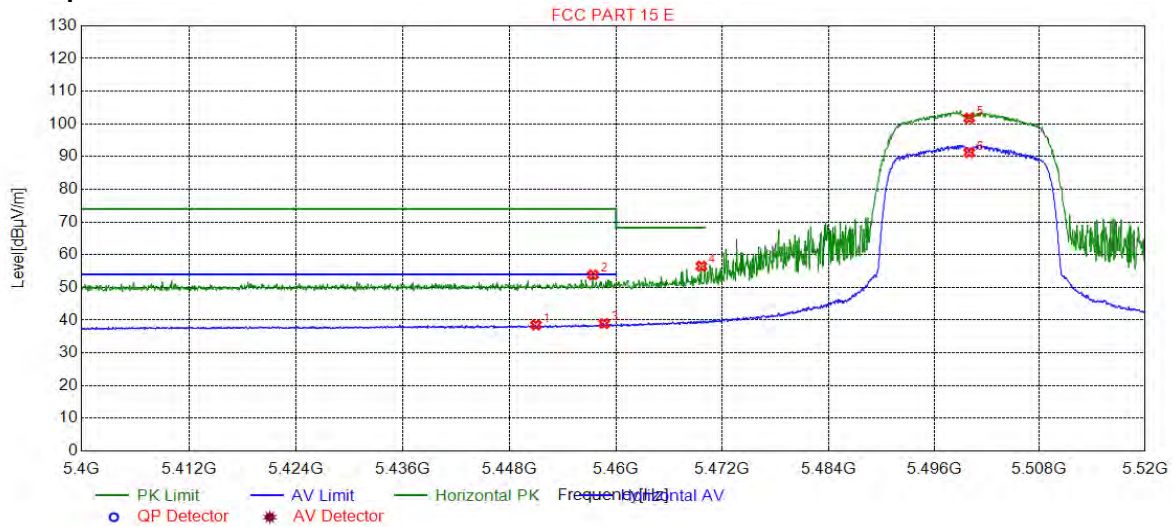
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	99.29	15.80	0.00	-99.29	150	29	Vertical
2	5320.00	88.66	15.80	0.00	-88.66	150	29	Vertical
3	5350.22	39.00	15.94	54.00	15.00	150	161	Vertical
4	5350.37	65.24	15.94	74.00	8.76	150	147	Vertical
5	5352.17	63.41	15.95	74.00	10.59	150	257	Vertical
6	5360.08	37.78	16.00	54.00	16.22	150	174	Vertical

Final Data List



4.10.1.27 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5450.96	38.53	16.25	54.00	15.47	150	330	Horizontal
2	5457.38	53.87	16.25	74.00	20.13	150	336	Horizontal
3	5458.64	38.98	16.25	54.00	15.02	150	341	Horizontal
4	5469.63	56.50	16.25	68.30	11.80	150	16	Horizontal
5	5500.00	101.77	16.25	0.00	-101.77	150	341	Horizontal
6	5500.00	91.21	16.25	0.00	-91.21	150	346	Horizontal

Final Data List



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.

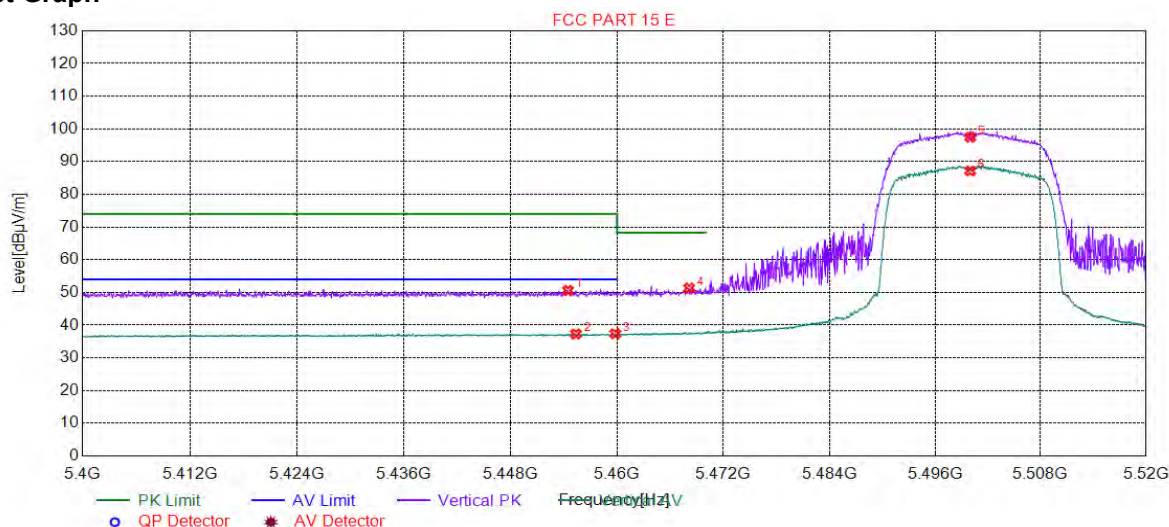
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.28 802.11N20_Channel 100

Test Graph



Suspected List

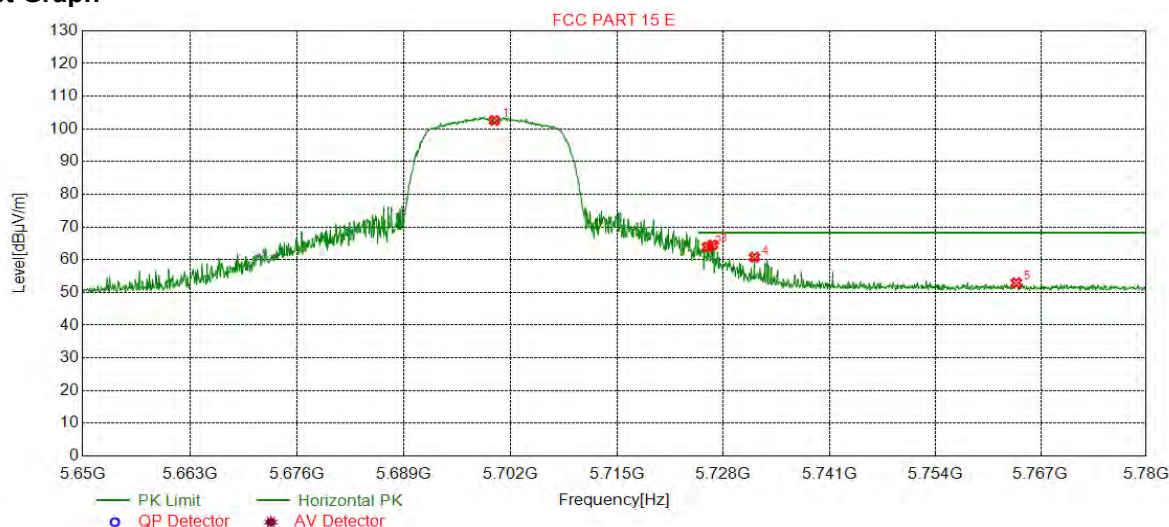
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5454.44	50.63	16.25	74.00	23.37	150	269	Vertical
2	5455.34	37.33	16.25	54.00	16.67	150	143	Vertical
3	5459.78	37.39	16.25	54.00	16.61	150	252	Vertical
4	5468.13	51.35	16.25	68.30	16.95	150	83	Vertical
5	5500.00	97.49	16.25	0.00	-97.49	150	143	Vertical
6	5500.00	87.16	16.25	0.00	-87.16	150	165	Vertical

Final Data List



4.10.1.29 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	102.59	16.80	0.00	-102.59	150	206	Horizontal
2	5726.02	63.84	16.97	68.30	4.46	150	340	Horizontal
3	5726.67	64.55	16.97	68.30	3.75	150	331	Horizontal
4	5731.81	60.80	17.00	68.30	7.50	150	312	Horizontal
5	5764.00	52.94	17.14	68.30	15.36	150	317	Horizontal

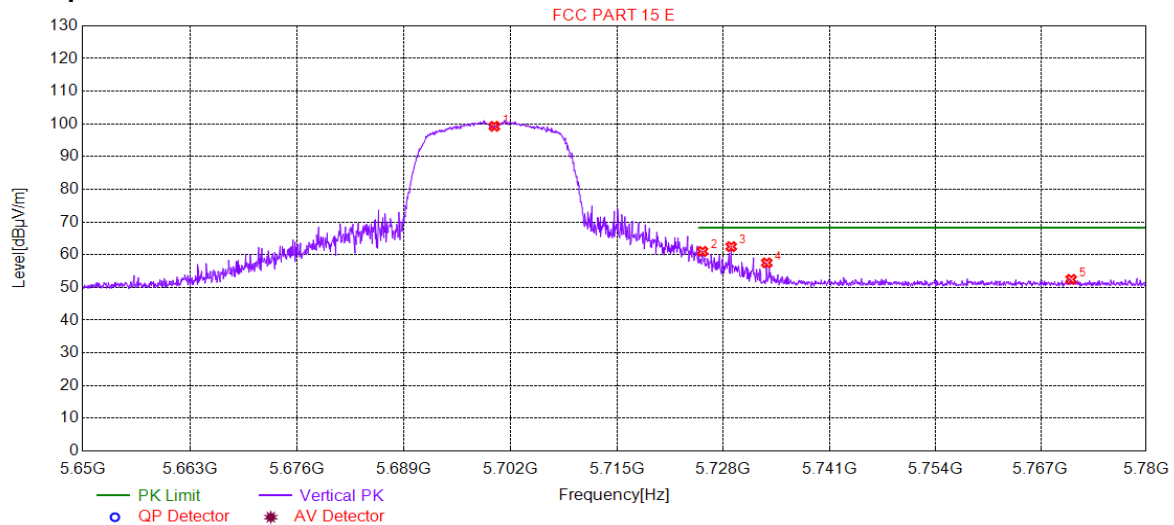
Final Data List





4.10.1.30 802.11N20_Channel 140

Test Graph



Suspected List

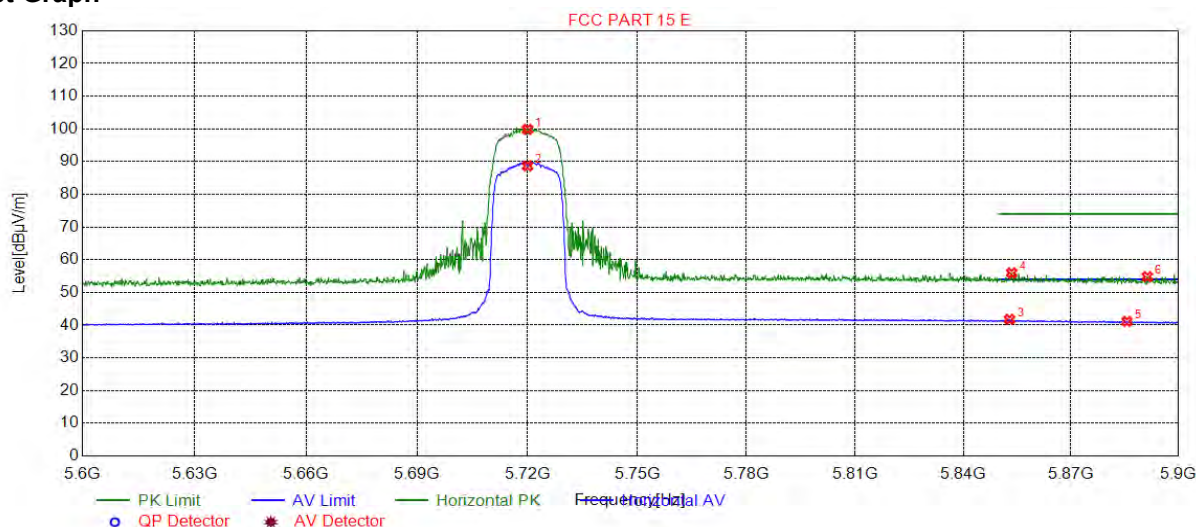
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	99.29	16.80	0.00	-99.29	150	29	Vertical
2	5725.43	61.05	16.96	68.30	7.25	150	288	Vertical
3	5728.94	62.50	16.99	68.30	5.80	150	144	Vertical
4	5733.30	57.53	17.01	68.30	10.77	150	251	Vertical
5	5770.76	52.49	17.15	68.30	15.81	150	293	Vertical

Final Data List



4.10.1.31 802.11N20_Channel 144

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	99.87	16.93	0.00	-99.87	150	0	Horizontal
2	5720.00	88.69	16.93	0.00	-88.69	150	337	Horizontal
3	5852.87	41.78	17.25	54.00	12.22	150	323	Horizontal
4	5853.47	55.98	17.25	74.00	18.02	150	344	Horizontal
5	5885.74	41.14	17.15	54.00	12.86	150	344	Horizontal
6	5891.44	54.84	17.14	74.00	19.16	150	228	Horizontal

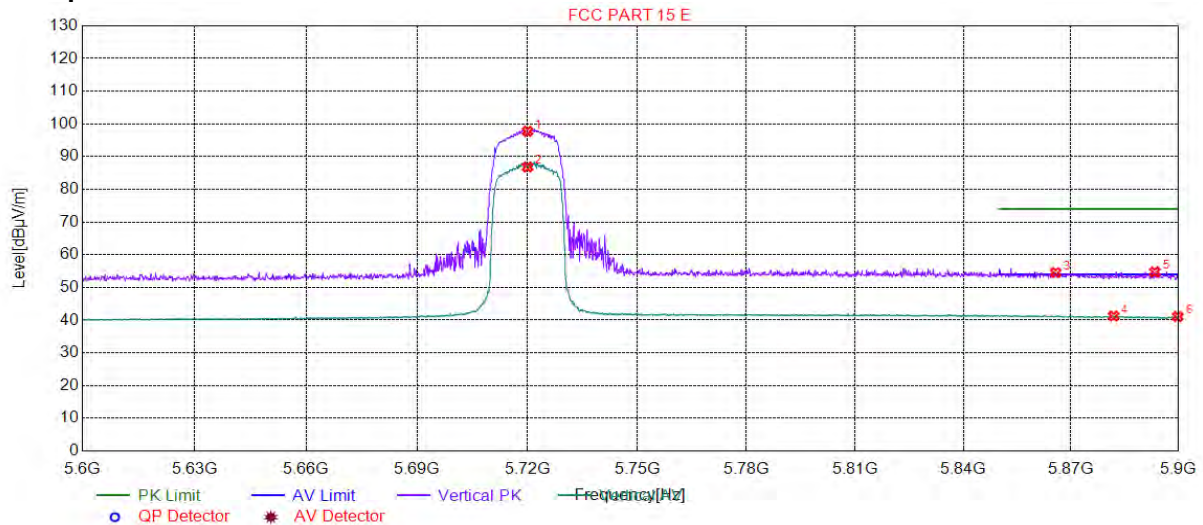
Final Data List





4.10.1.32 802.11N20_Channel 144

Test Graph



Suspected List

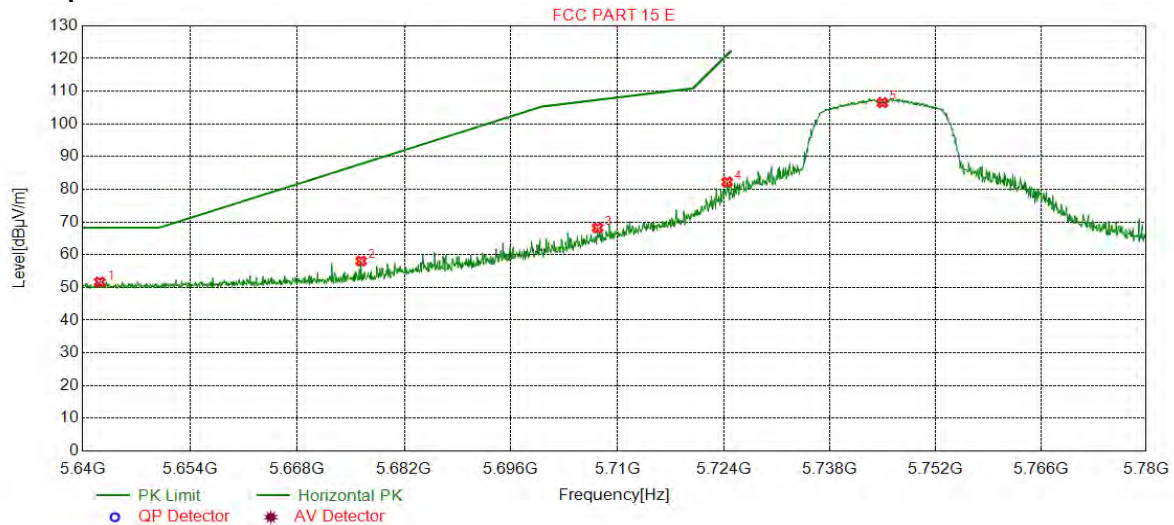
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	97.74	16.93	0.00	-97.74	150	257	Vertical
2	5720.00	86.84	16.93	0.00	-86.84	150	250	Vertical
3	5865.78	54.59	17.21	74.00	19.41	150	353	Vertical
4	5881.99	41.28	17.16	54.00	12.72	150	160	Vertical
5	5893.54	54.78	17.13	74.00	19.22	150	36	Vertical
6	5900.00	41.09	17.11	54.00	12.91	150	167	Vertical

Final Data List



4.10.1.33 802.11N20_Channel 149

Test Graph



Suspected List

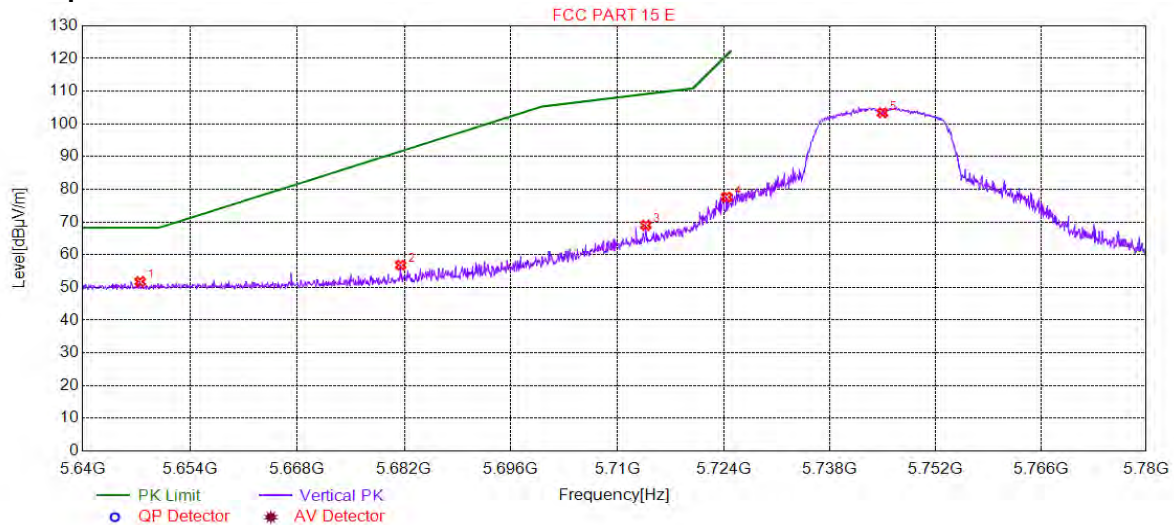
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.24	51.69	16.54	68.30	16.61	150	161	Horizontal
2	5676.34	58.09	16.67	87.80	29.71	150	304	Horizontal
3	5707.37	68.22	16.85	107.36	39.14	150	327	Horizontal
4	5724.46	82.23	16.96	121.07	38.84	150	212	Horizontal
5	5745.00	106.51	17.09	0.00	-106.51	150	331	Horizontal

Final Data List



4.10.1.34 802.11N20_Channel 149

Test Graph



Suspected List

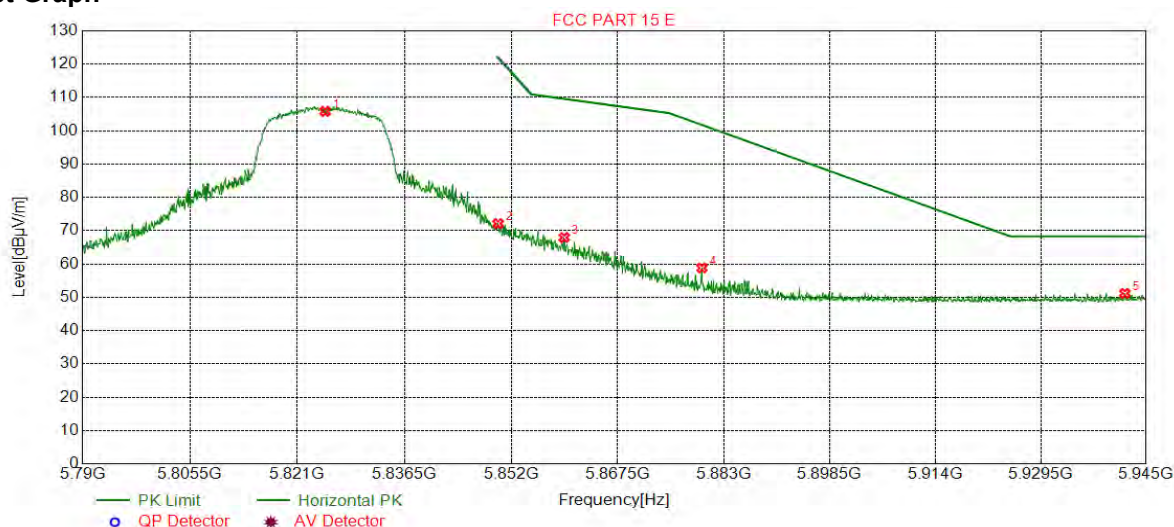
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.49	51.80	16.53	68.30	16.50	150	65	Vertical
2	5681.53	56.85	16.70	91.63	34.78	150	79	Vertical
3	5713.74	69.01	16.89	109.15	40.14	150	255	Vertical
4	5724.39	77.65	16.96	120.91	43.26	150	148	Vertical
5	5745.00	103.42	17.09	0.00	-103.42	150	38	Vertical

Final Data List



4.10.1.35 802.11N20_Channel 165

Test Graph



Suspected List

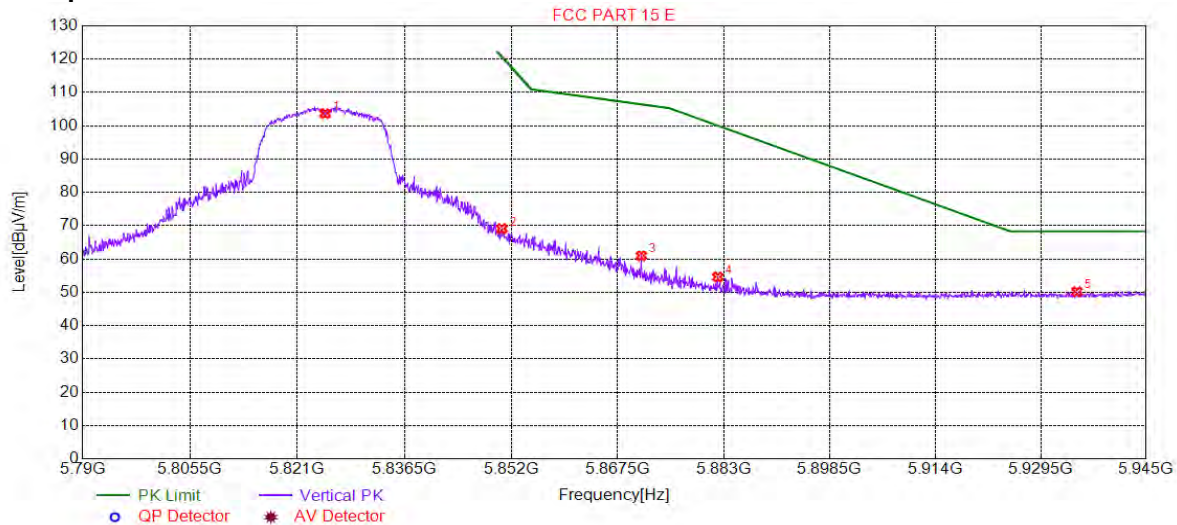
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.81	17.23	0.00	-105.81	150	326	Horizontal
2	5850.09	72.14	17.26	122.09	49.95	150	336	Horizontal
3	5859.70	67.96	17.23	109.58	41.62	150	249	Horizontal
4	5879.78	58.84	17.17	101.76	42.92	150	212	Horizontal
5	5941.89	51.22	17.76	68.30	17.08	150	344	Horizontal

Final Data List



4.10.1.36 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	103.65	17.23	0.00	-103.65	150	222	Vertical
2	5850.63	69.12	17.26	120.85	51.73	150	172	Vertical
3	5870.95	60.98	17.20	106.43	45.45	150	56	Vertical
4	5882.11	54.62	17.16	100.03	45.41	150	153	Vertical
5	5934.84	50.19	17.65	68.30	18.11	150	194	Vertical

Final Data List



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.

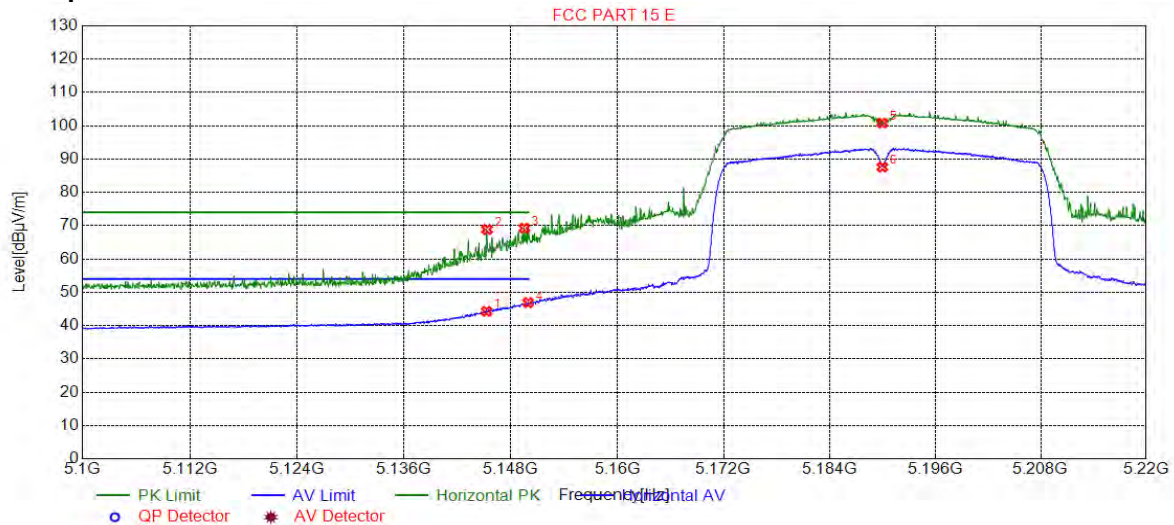
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.37 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.26	44.31	15.48	54.00	9.69	150	5	Horizontal
2	5145.32	68.88	15.48	74.00	5.12	150	346	Horizontal
3	5149.52	69.27	15.52	74.00	4.73	150	1	Horizontal
4	5149.94	46.92	15.52	54.00	7.08	150	5	Horizontal
5	5190.00	100.83	15.58	0.00	-100.83	150	5	Horizontal
6	5190.00	87.59	15.58	0.00	-87.59	150	11	Horizontal

Final Data List



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.

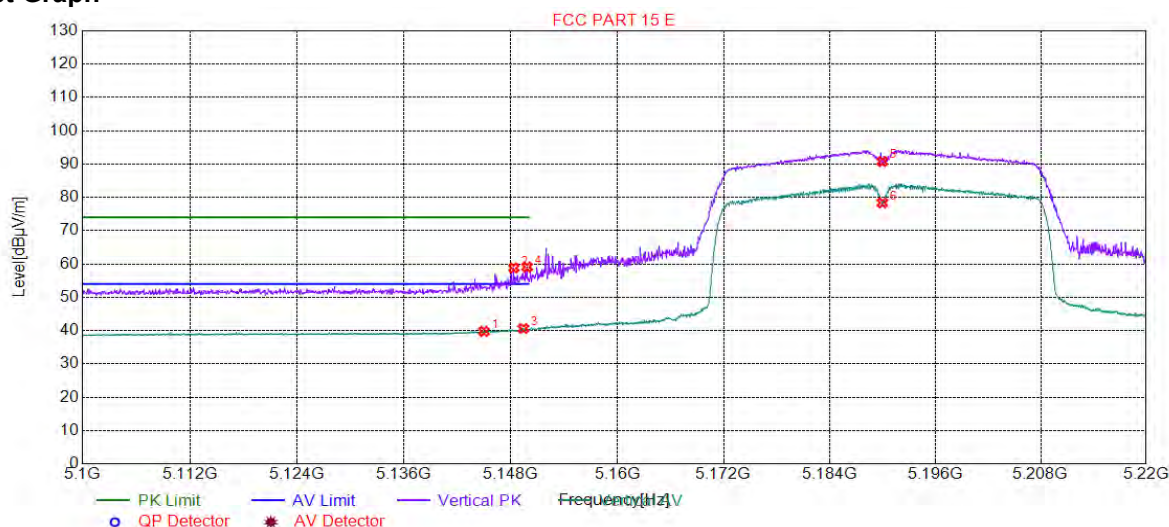
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.38 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.96	39.80	15.48	54.00	14.20	150	194	Vertical
2	5148.32	58.85	15.51	74.00	15.15	150	249	Vertical
3	5149.40	40.65	15.51	54.00	13.35	150	150	Vertical
4	5149.82	59.11	15.52	74.00	14.89	150	188	Vertical
5	5190.00	90.75	15.58	0.00	-90.75	150	183	Vertical
6	5190.00	78.37	15.58	0.00	-78.37	150	161	Vertical

Final Data List



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.

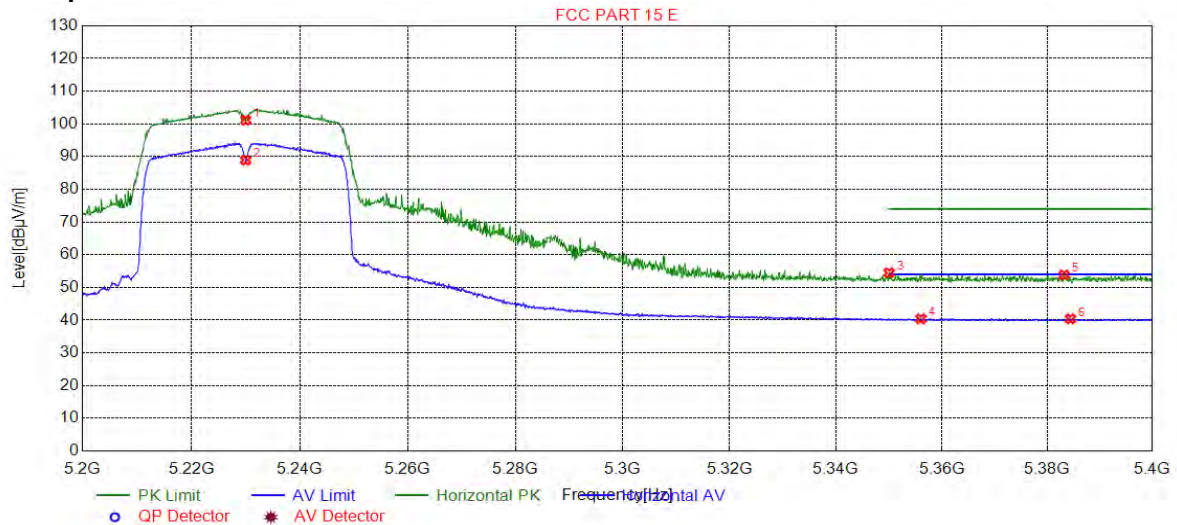
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) FCC Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.39 802.11N40_Channel 46

Test Graph



Suspected List

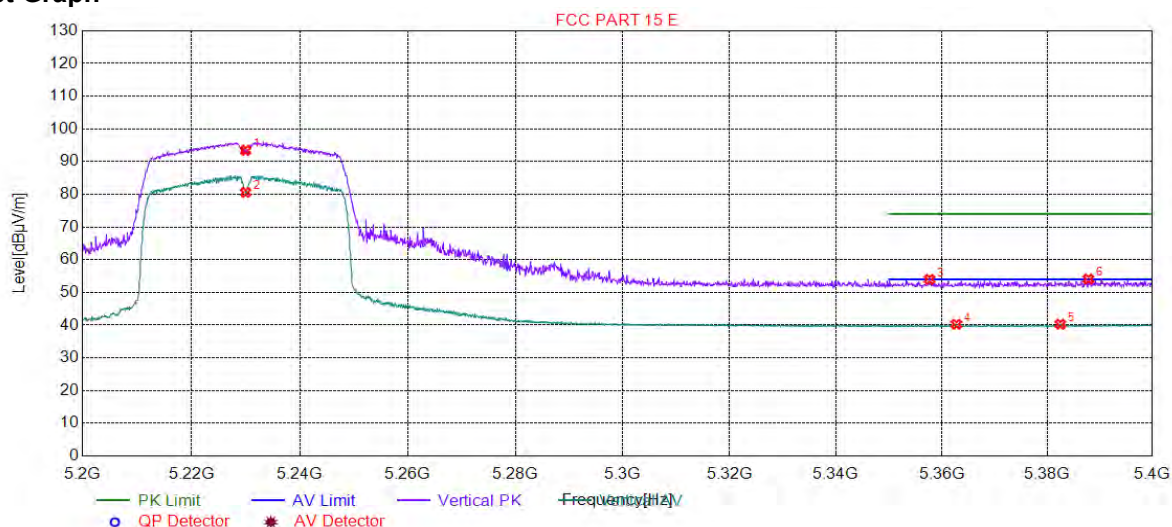
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	101.15	15.51	0.00	-101.15	150	344	Horizontal
2	5230.00	88.90	15.51	0.00	-88.90	150	344	Horizontal
3	5350.07	54.51	15.94	74.00	19.49	150	3	Horizontal
4	5356.07	40.43	15.98	54.00	13.57	150	344	Horizontal
5	5383.19	53.84	16.15	74.00	20.16	150	235	Horizontal
6	5384.39	40.42	16.15	54.00	13.58	150	344	Horizontal

Final Data List



4.10.1.40 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	93.47	15.51	0.00	-93.47	150	181	Vertical
2	5230.00	80.60	15.51	0.00	-80.60	150	167	Vertical
3	5357.67	54.02	15.99	74.00	19.98	150	42	Vertical
4	5362.78	40.28	16.02	54.00	13.72	150	56	Vertical
5	5382.49	40.30	16.14	54.00	13.70	150	323	Vertical
6	5387.79	54.13	16.17	74.00	19.87	150	235	Vertical

Final Data List



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.

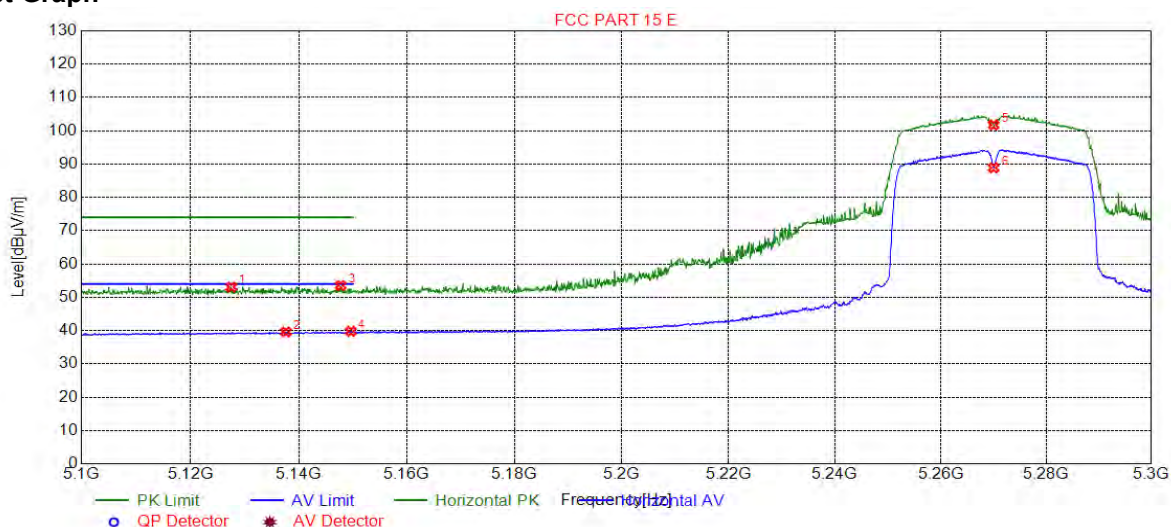
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.41 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.51	53.12	15.33	74.00	20.88	150	172	Horizontal
2	5137.61	39.63	15.41	54.00	14.37	150	344	Horizontal
3	5147.72	53.56	15.50	74.00	20.44	150	303	Horizontal
4	5149.62	39.82	15.52	54.00	14.18	150	344	Horizontal
5	5270.00	101.73	15.56	0.00	-101.73	150	344	Horizontal
6	5270.00	88.88	15.56	0.00	-88.88	150	1	Horizontal

Final Data List

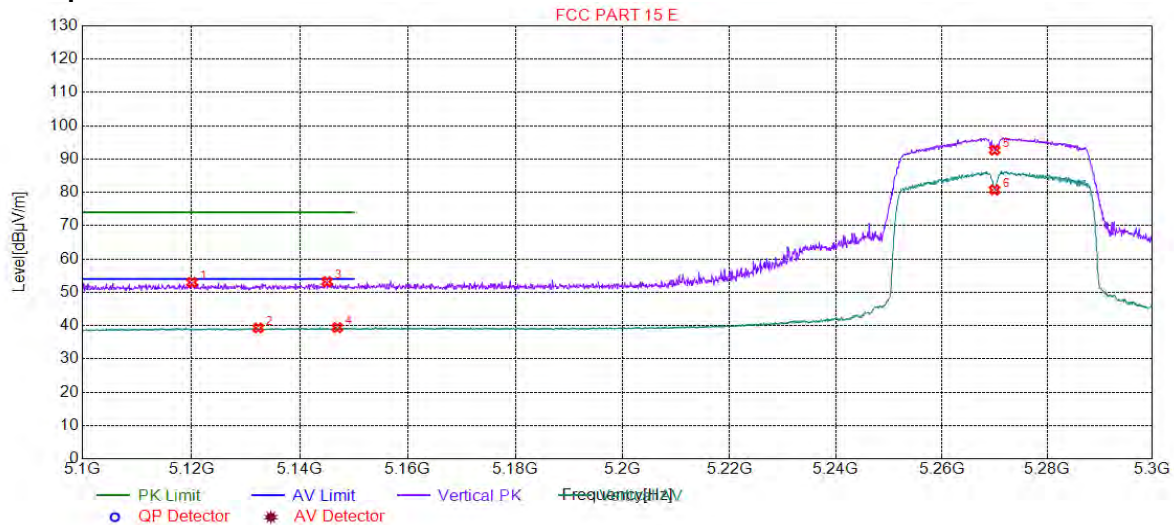


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.42 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.11	53.00	15.26	74.00	21.00	150	70	Vertical
2	5132.31	39.32	15.37	54.00	14.68	150	15	Vertical
3	5145.02	53.19	15.48	74.00	20.81	150	126	Vertical
4	5146.92	39.42	15.49	54.00	14.58	150	270	Vertical
5	5270.00	92.72	15.56	0.00	-92.72	150	160	Vertical
6	5270.00	80.75	15.56	0.00	-80.75	150	160	Vertical

Final Data List



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.

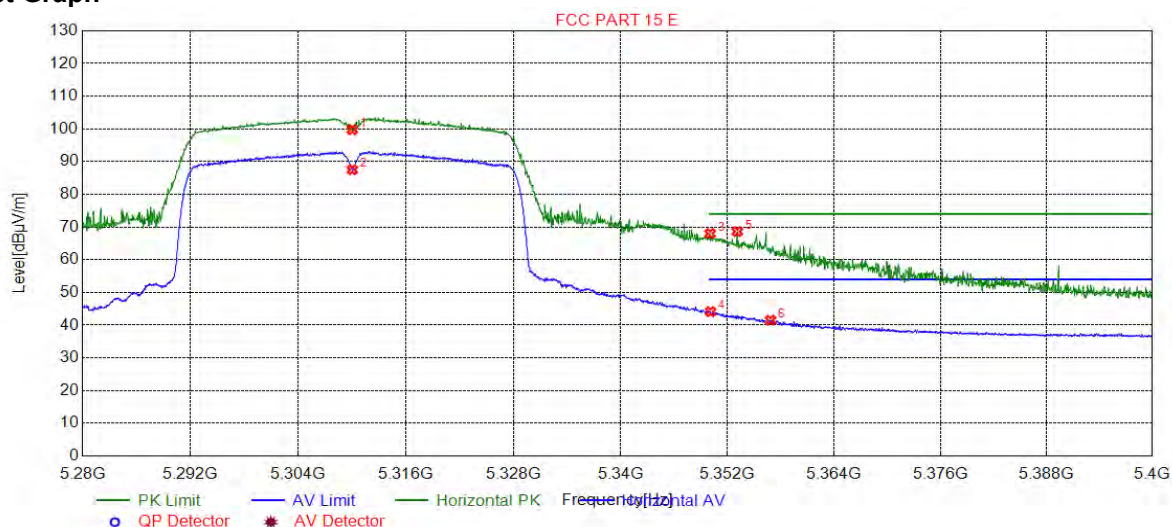
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.43 802.11N40_Channel 62

Test Graph



Suspected List

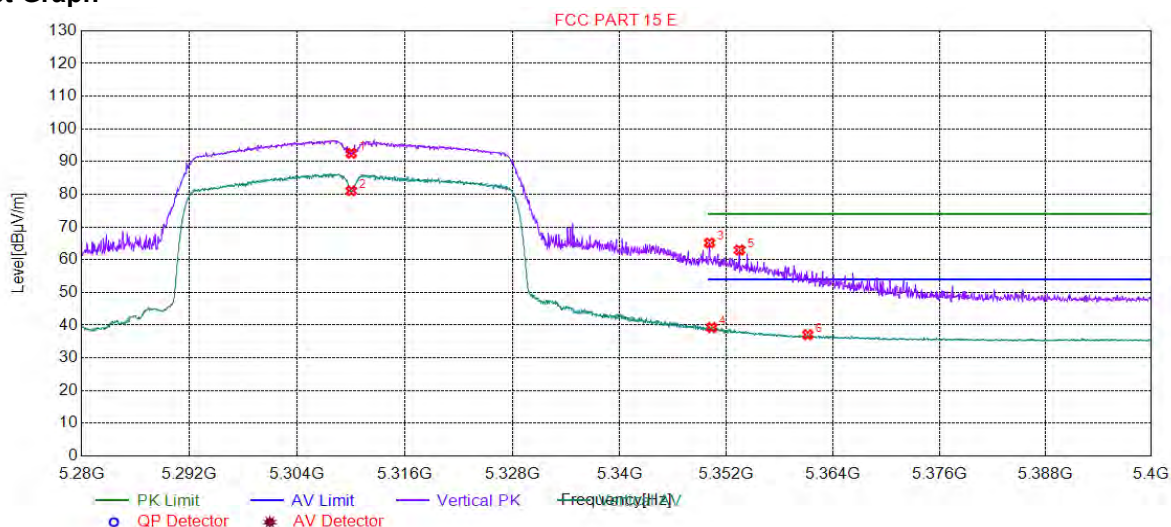
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	99.79	15.75	0.00	-99.79	150	345	Horizontal
2	5310.00	87.53	15.75	0.00	-87.53	150	345	Horizontal
3	5350.05	68.03	15.94	74.00	5.97	150	338	Horizontal
4	5350.11	44.14	15.94	54.00	9.86	150	345	Horizontal
5	5353.11	68.63	15.96	74.00	5.37	150	345	Horizontal
6	5356.83	41.51	15.98	54.00	12.49	150	345	Horizontal

Final Data List



4.10.1.44 802.11N40_Channel 62

Test Graph



Suspected List

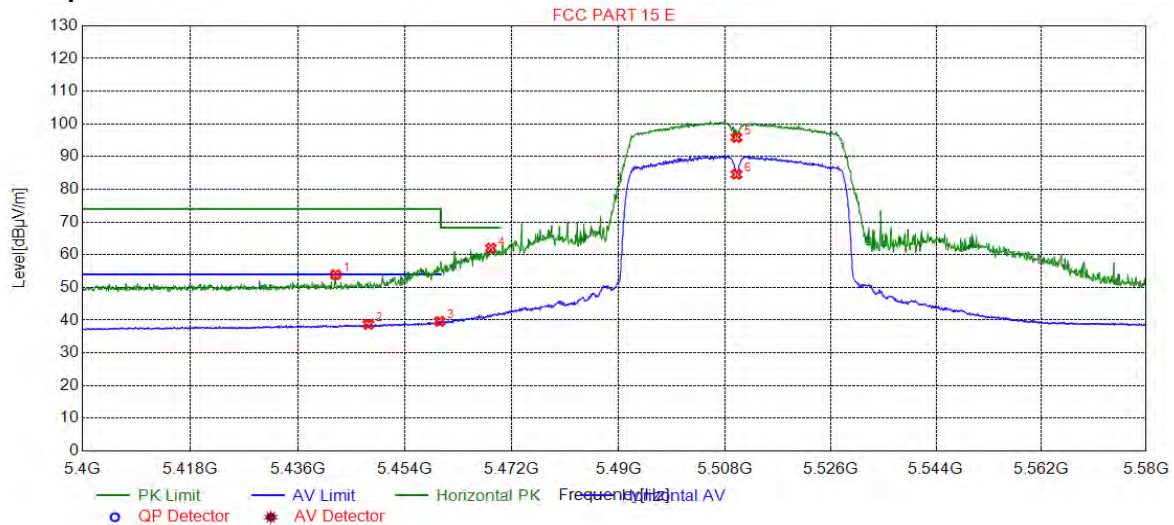
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	92.56	15.75	0.00	-92.56	150	144	Vertical
2	5310.00	81.08	15.75	0.00	-81.08	150	158	Vertical
3	5350.11	65.16	15.94	74.00	8.84	150	254	Vertical
4	5350.35	39.28	15.94	54.00	14.72	150	165	Vertical
5	5353.47	62.99	15.96	74.00	11.01	150	158	Vertical
6	5361.16	37.09	16.01	54.00	16.91	150	165	Vertical

Final Data List



4.10.1.45 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5442.32	53.87	16.25	74.00	20.13	150	338	Horizontal
2	5447.81	38.73	16.25	54.00	15.27	150	344	Horizontal
3	5459.78	39.63	16.25	54.00	14.37	150	344	Horizontal
4	5468.43	62.03	16.25	68.30	6.27	150	269	Horizontal
5	5510.00	95.87	16.28	0.00	-95.87	150	344	Horizontal
6	5510.00	84.62	16.28	0.00	-84.62	150	338	Horizontal

Final Data List

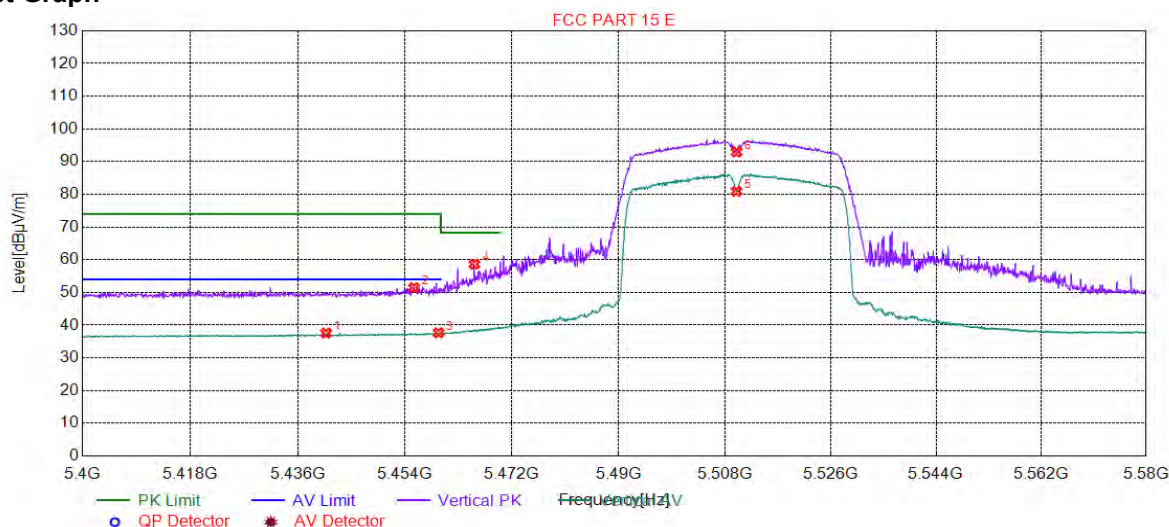


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
 No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.46 802.11N40_Channel 102

Test Graph



Suspected List

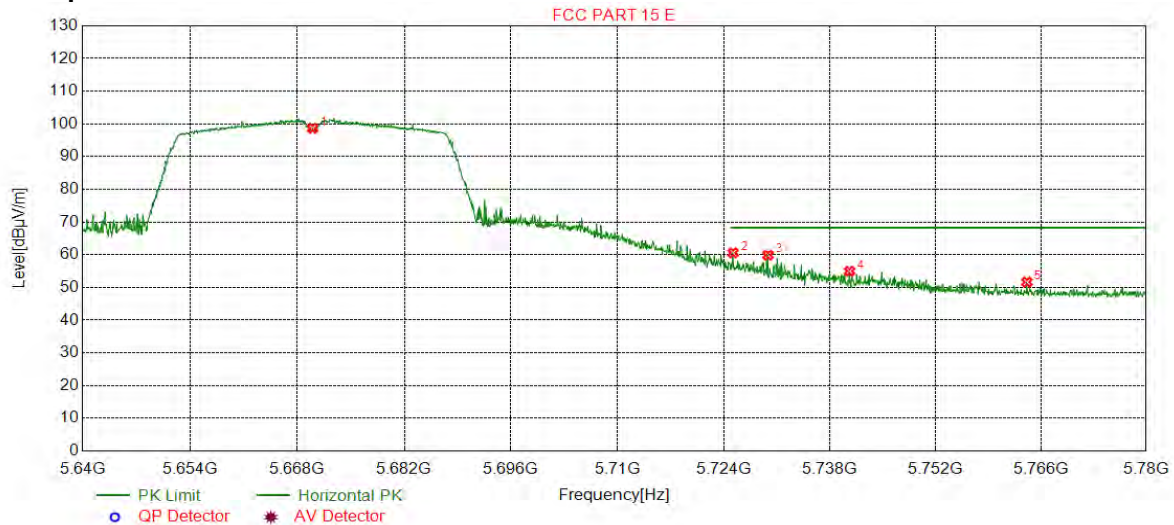
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5440.70	37.59	16.25	54.00	16.41	150	305	Vertical
2	5455.46	51.46	16.25	74.00	22.54	150	298	Vertical
3	5459.60	37.68	16.25	54.00	16.32	150	140	Vertical
4	5465.64	58.64	16.25	68.30	9.66	150	43	Vertical
5	5510.00	80.94	16.28	0.00	-80.94	150	256	Vertical
6	5510.00	92.95	16.28	0.00	-92.95	150	133	Vertical

Final Data List



4.10.1.47 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	98.69	16.64	0.00	-98.69	150	317	Horizontal
2	5725.23	60.61	16.96	68.30	7.69	150	266	Horizontal
3	5729.85	59.91	16.99	68.30	8.39	150	317	Horizontal
4	5740.64	54.96	17.06	68.30	13.34	150	330	Horizontal
5	5764.17	51.65	17.14	68.30	16.65	150	247	Horizontal

Final Data List



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

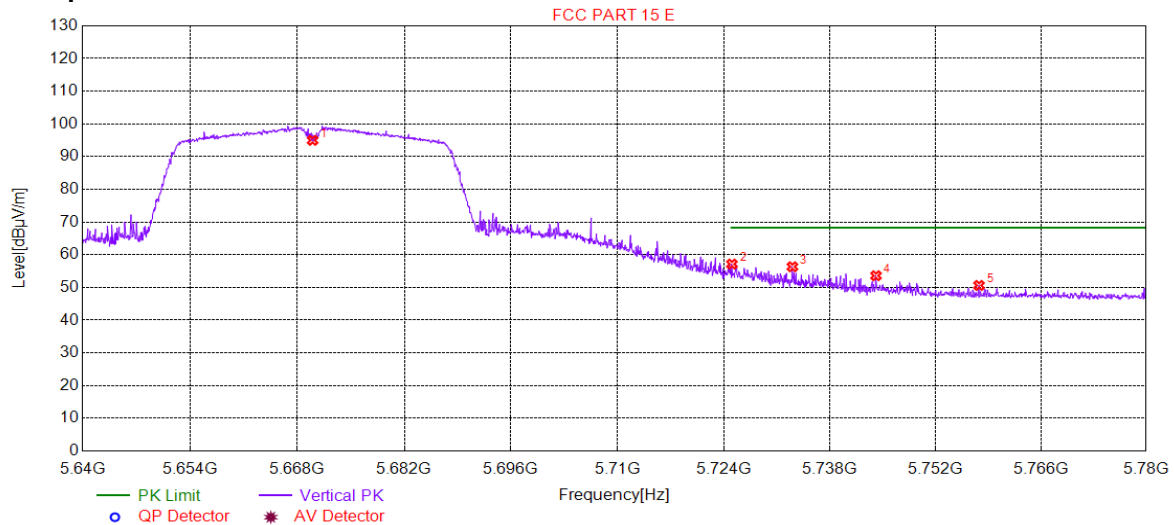
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



4.10.1.48 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	94.99	16.64	0.00	-94.99	150	248	Vertical
2	5725.09	57.15	16.96	68.30	11.15	150	248	Vertical
3	5733.07	56.34	17.01	68.30	11.96	150	29	Vertical
4	5744.14	53.60	17.08	68.30	14.70	150	159	Vertical
5	5757.79	50.63	17.13	68.30	17.67	150	113	Vertical

Final Data List

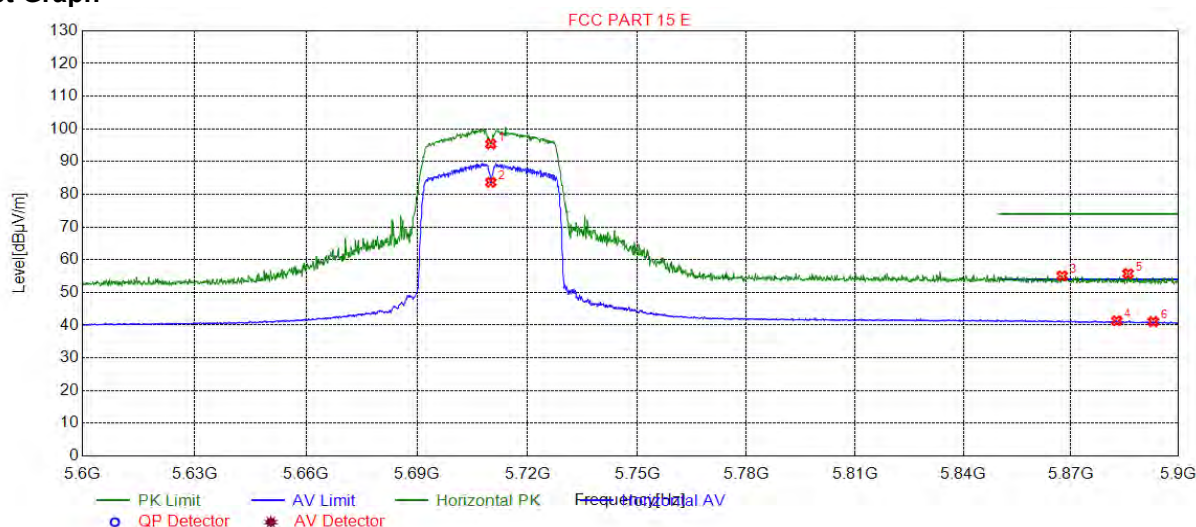


Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.49 802.11N40_Channel 142

Test Graph



Suspected List

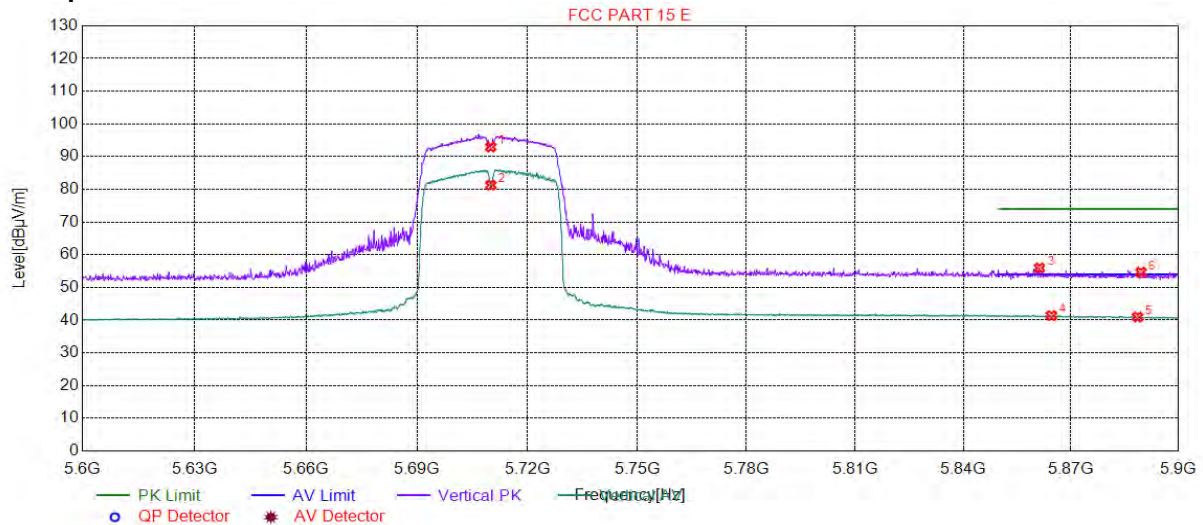
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	95.39	16.86	0.00	-95.39	150	338	Horizontal
2	5710.00	83.69	16.86	0.00	-83.69	150	318	Horizontal
3	5867.58	55.10	17.21	74.00	18.90	150	344	Horizontal
4	5882.89	41.34	17.16	54.00	12.66	150	298	Horizontal
5	5886.04	55.77	17.15	74.00	18.23	150	325	Horizontal
6	5893.09	41.06	17.13	54.00	12.94	150	113	Horizontal

Final Data List



4.10.1.50 802.11N40_Channel 142

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	92.96	16.86	0.00	-92.96	150	36	Vertical
2	5710.00	81.31	16.86	0.00	-81.31	150	152	Vertical
3	5861.28	55.97	17.23	74.00	18.03	150	16	Vertical
4	5864.58	41.39	17.22	54.00	12.61	150	242	Vertical
5	5888.74	40.97	17.14	54.00	13.03	150	214	Vertical
6	5889.64	54.69	17.14	74.00	19.31	150	77	Vertical

Final Data List



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (China) (Formerly: SGC Laboratory).

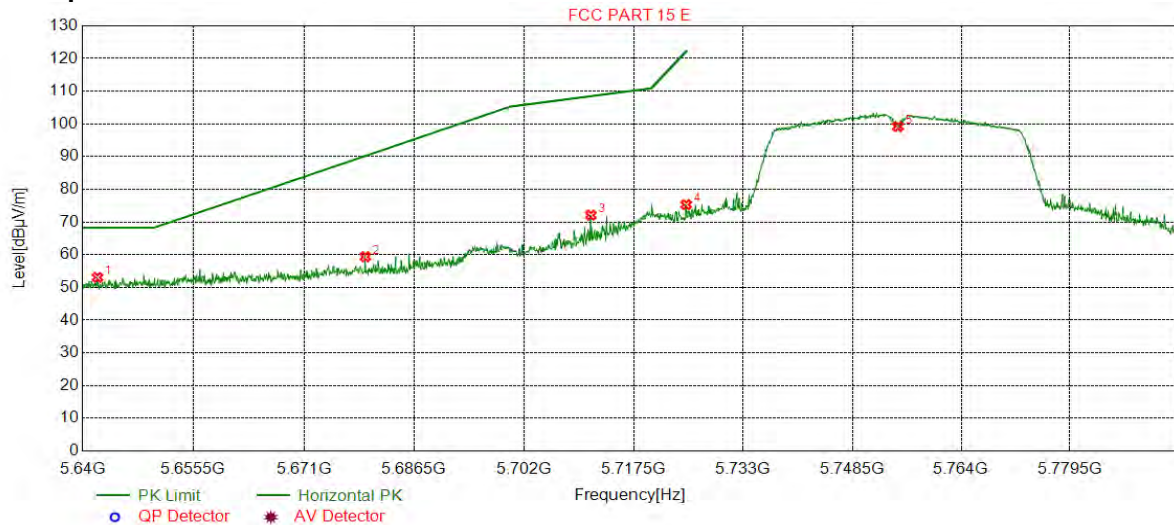
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic 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 deemed to have read, understood and accepted the Terms and Conditions of the Company's General Conditions of Service and the 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 strictly prohibited and may result in severe civil or criminal penalties. Any other otherwise stated results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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, Shenzhen, China	518057	t (86-755) 26012053	f (86-755) 26710594	www.sgs.com
中国·深圳·科技园中区M-10栋一号厂房	邮编: 518057	t (86-755) 26012053	f (86-755) 26710594	sgs.china@sgs.com

4.10.1.51 802.11N40_Channel 151

Test Graph



Suspected List

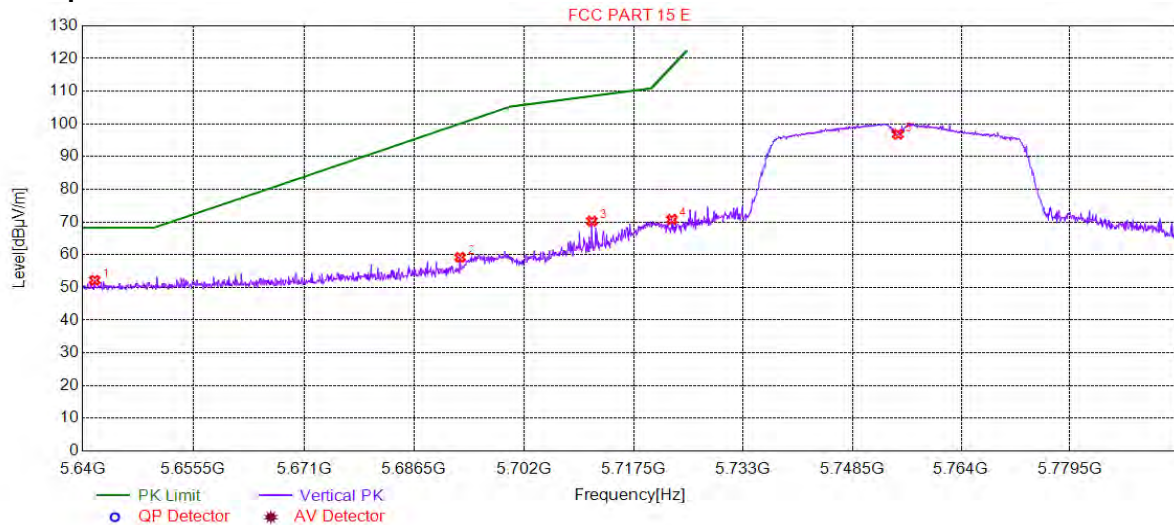
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.09	53.07	16.54	68.30	15.23	150	344	Horizontal
2	5679.62	59.41	16.69	90.22	30.81	150	340	Horizontal
3	5711.41	72.10	16.87	108.50	36.40	150	2	Horizontal
4	5724.90	75.35	16.96	122.08	46.73	150	313	Horizontal
5	5755.00	99.20	17.13	0.00	-99.20	150	344	Horizontal

Final Data List



4.10.1.52 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.70	52.24	16.54	68.30	16.06	150	61	Vertical
2	5692.95	59.19	16.76	100.09	40.90	150	84	Vertical
3	5711.56	70.27	16.87	108.54	38.27	150	284	Vertical
4	5722.88	70.80	16.95	117.49	46.69	150	144	Vertical
5	5755.00	96.84	17.13	0.00	-96.84	150	256	Vertical

Final Data List



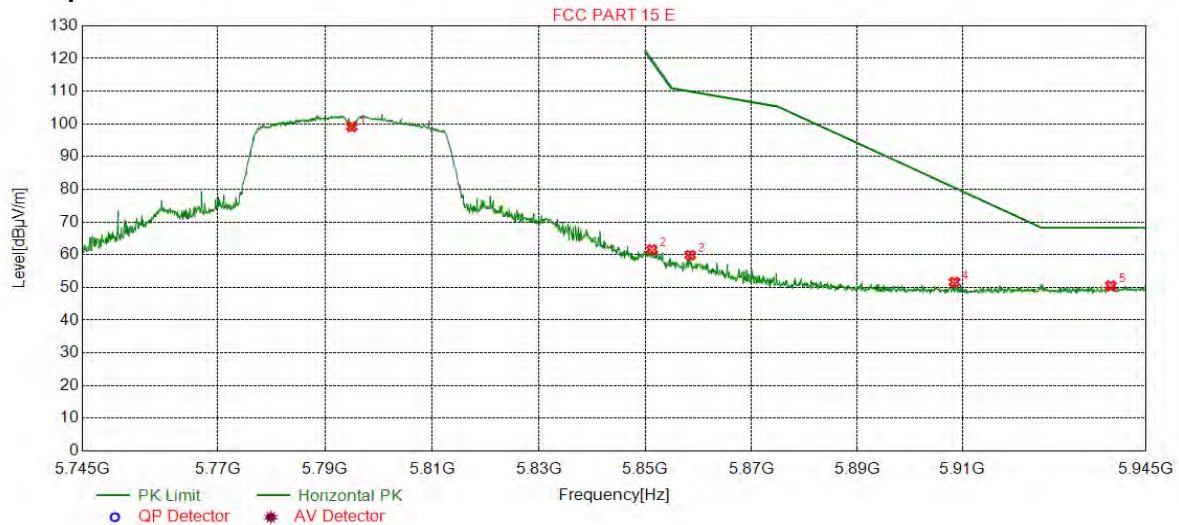
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic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

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.53 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	99.11	17.18	0.00	-99.11	150	344	Horizontal
2	5851.25	61.61	17.26	119.44	57.83	150	3	Horizontal
3	5858.45	59.92	17.23	109.93	50.01	150	340	Horizontal
4	5908.48	51.61	17.24	80.52	28.91	150	206	Horizontal
5	5938.29	50.55	17.70	68.30	17.75	150	206	Horizontal

Final Data List



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

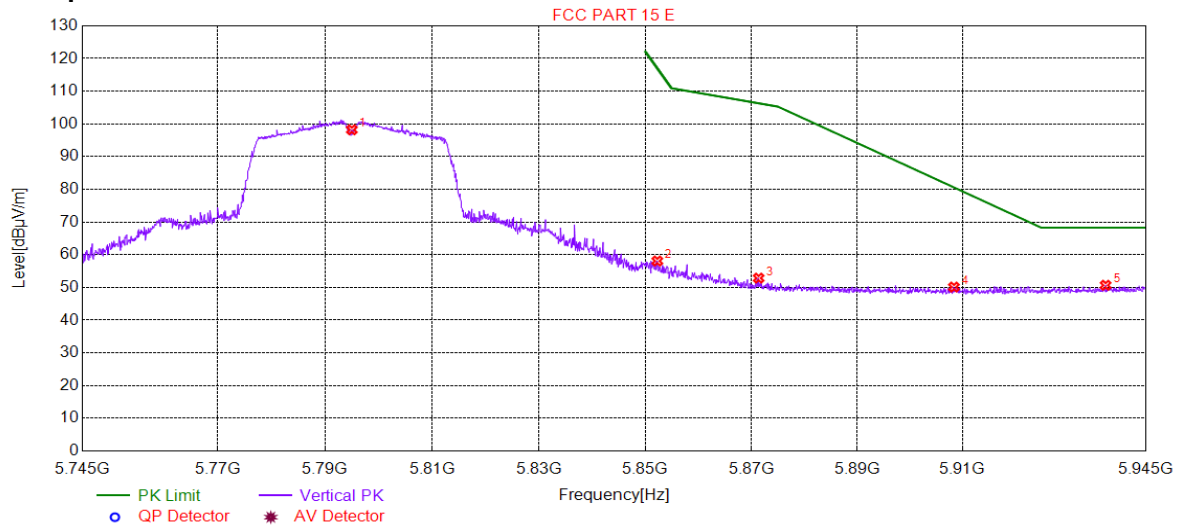
SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



4.10.1.54 802.11N40_Channel 159

Test Graph



Suspected List

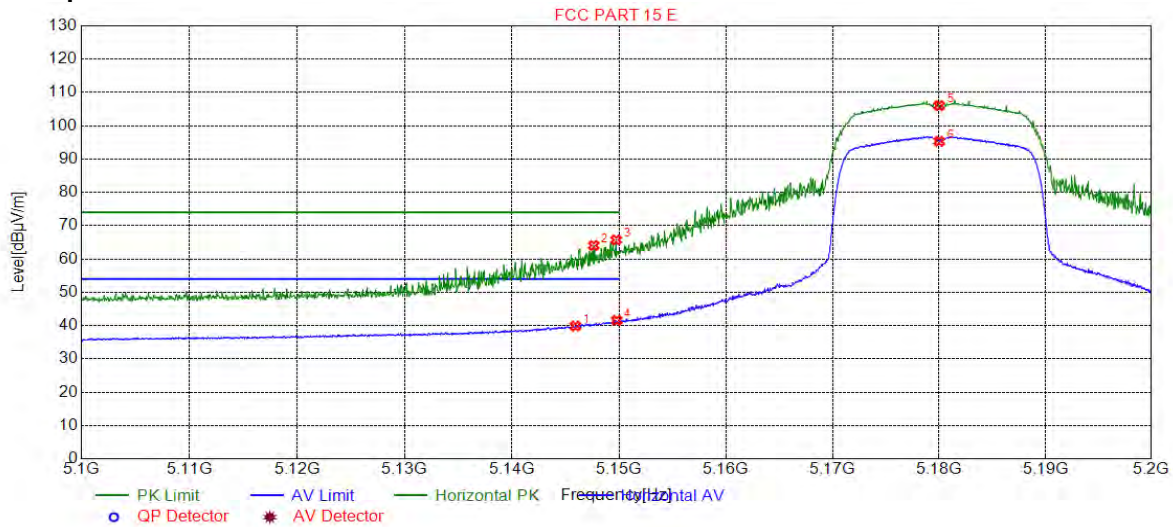
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	98.22	17.18	0.00	-98.22	150	39	Vertical
2	5852.25	58.10	17.25	117.16	59.06	150	244	Vertical
3	5871.36	52.87	17.20	106.32	53.45	150	129	Vertical
4	5908.38	50.13	17.24	80.60	30.47	150	116	Vertical
5	5937.29	50.68	17.68	68.30	17.62	150	166	Vertical

Final Data List



4.10.1.55 802.11AC20_Channel 36

Test Graph



Suspected List

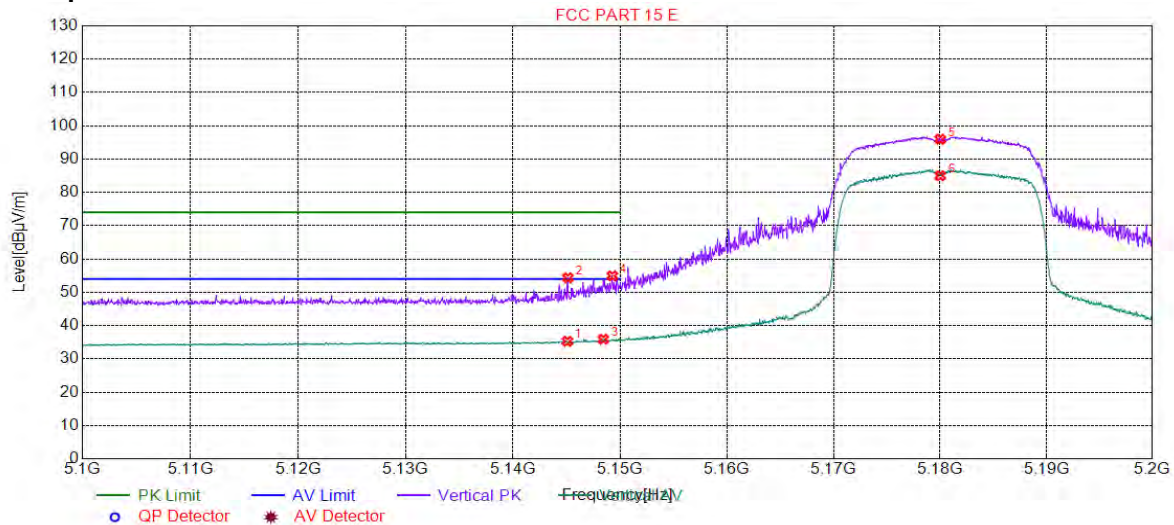
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.92	39.88	15.48	54.00	14.12	150	2	Horizontal
2	5147.62	64.08	15.50	74.00	9.92	150	7	Horizontal
3	5149.72	65.75	15.52	74.00	8.25	150	13	Horizontal
4	5149.77	41.57	15.52	54.00	12.43	150	2	Horizontal
5	5180.00	106.04	15.56	0.00	-106.04	150	346	Horizontal
6	5180.00	95.32	15.56	0.00	-95.32	150	2	Horizontal

Final Data List



4.10.1.56 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.07	35.31	15.48	54.00	18.69	150	248	Vertical
2	5145.12	54.36	15.48	74.00	19.64	150	143	Vertical
3	5148.42	35.94	15.51	54.00	18.06	150	248	Vertical
4	5149.27	54.94	15.51	74.00	19.06	150	149	Vertical
5	5180.00	95.97	15.56	0.00	-95.97	150	165	Vertical
6	5180.00	85.00	15.56	0.00	-85.00	150	254	Vertical

Final Data List



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

SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (M-10) Testing Laboratory

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com