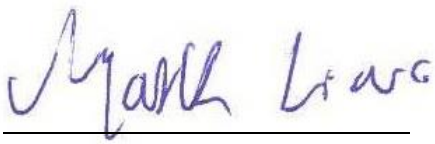
FCC RADIO TEST REPORT

Applicant	:	Ubiquiti Inc.
Address	:	685 Third Avenue, New York, New York 10017, USA
Equipment	:	UniFi Connect Cast
Model No.	:	UC-Cast
Trade Name	:	UBIQUITI
FCC ID	:	SWX-UCCAST

I HEREBY CERTIFY THAT :

The sample was received on Jan. 04, 2022 and the testing was completed on Jan. 20, 2022 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:



Mark Liao / Supervisor

Laboratory Accreditation:

Cerpass Technology Corporation Test Laboratory

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History of this test report

Report No.	Issued Date	Description
21120307-TRFCC04	Jan. 21, 2022	Original

1. Summary of Test Procedure and Test Results

1.1. Applicable Standards

ANSI C63.10:2013

FCC Rules and Regulations Part 15 Subpart E §15.407

KDB 789033

FCC Rule	Description of Test	Result
15.203	Antenna Requirement	PASS
15.207(a)	AC Power Line Conducted Emission	PASS
15.407(b) 15.209	Radiated Spurious Emission	PASS
15.407(a)	26 dB & Occupied Bandwidth	PASS
15.407	6 dB Bandwidth	PASS
15.407 (a) & (a)(3)	Average Power	PASS
15.407(a)	Power Spectral Density	PASS
2.1091	Radio Frequency Exposure	PASS

*The lab has reduced the uncertainty risk factor from test equipment, environment and staff technicians which according to the standard on contract. Therefore, the test result will only be determined by standard requirement.

*This EUT has been also tested and compiled with the requirement of FCC Part 15, Subpart B, recorded in a separate test report(21120307-TEFV01).

2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	BT / BLE: 2400-2483.5MHz 802.11b/g/n: 2400-2483.5MHz 802.11a/n/ac: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Center Frequency Range	BT / BLE: 2402MHz-2480MHz 802.11b/g/n: 2412MHz-2462MHz 802.11a/n/ac: 5180-5240MHz, 5260-5320MHz, 5500-5700MHz, 5745-5825MHz
Modulation Type	BT: GFSK, π/4-DQPSK, 8DPSK BLE: GFSK WLAN: 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 5GHz: 802.11n/a: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Modulation Technology	DSSS, OFDM, FHSS, DTS
Data Rate	BT: GFSK: 1Mbps, π/4-DQPSK: 2Mbps, 8DPSK: 3Mbps BLE: GFSK: 1Mbps, GFSK: 2Mbps WLAN: 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS7, HT20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS7, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80
Antenna Type	PIFA Antenna
Antenna Gain	For BT / BLE: 2400-2480MHz: 0.3dBi For WLAN: 2400-2483.5MHz: 0.3dBi 5150-5250MHz: 5.4dBi 5250-5350MHz: 5.4dBi 5470-5725MHz: 5.4dBi 5725-5850MHz: 5.4dBi
Adapter	Brand: UBIQUITI Model: E005-1I050100VU
HDMI cable	Brand: YUQIU ELECTRONICS CO., LTD. Model: 680-00265

Note:
1. EUT support TPC Function.
2. WLAN 5GHz and BT can simultaneously transmission.
3. EUT support DFS Client Mode, without radar detection.
4. For more details, please refer to the User's manual of the EUT.

2.2. Carrier Frequency of Channels

Band: 5150MHz-5250MHz

802.11a, 802.11n HT20, 802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***36**	**5180**	44	5220
***40**	**5200**	***48**	**5240**

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***38**	**5190**	***46**	**5230**

802.11ac VHT80

Channel	Frequency(MHz)
***42**	**5210**

Band: 5250MHz-5350MHz

802.11a, 802.11n HT20, 802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***52**	**5260**	***60**	**5300**
56	5280	***64**	**5320**

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***54**	**5270**	***62**	**5310**

802.11ac VHT80

Channel	Frequency(MHz)
***58**	**5290**

Band: 5470MHz-5725MHz

802.11a, 802.11n HT20, 802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***100**	**5500**	124	5620
104	5520	128	5640
108	5540	132	5660
112	5560	136	5680
116	5580	***140**	**5700**
***120**	**5600**		

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***102**	**5510**	126	5630
110	5550	***134**	**5670**
***118**	**5590**		

802.11ac VHT80

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***106**	**5530**	***122**	**5610**

Band: 5725MHz-5850MHz
802.11a, 802.11n HT20, 802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***149**	**5745**	161	5805
153	5765	***165**	**5825**
***157**	**5785**		

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
***151**	**5755**	***159**	**5795**

802.11ac VHT80

Channel	Frequency(MHz)
***155**	**5775**

Note: Channels remarked * are selected to perform test.

2.3. Test Mode and Test Software

a. During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
b. The complete test system included remote workstation and EUT for RF test. The remote workstation included Notebook.
c. An executive program, " wl command" under Windows OS system was executed to transmit and receive data via WLAN.
d. The following test modes were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11a (6Mbps) With Adapter
2	802.11n HT20 (6.5Mbps) With Adapter
3	802.11n HT40 (13.5Mbps) With Adapter
4	802.11ac VHT20 (6.5Mbps) With Adapter
5	802.11ac VHT40 (13.5Mbps) With Adapter
6	802.11ac VHT80 (29.3Mbps) With Adapter
7	802.11a (6Mbps) With PoE
8	802.11n HT20 (6.5Mbps) With PoE
9	802.11n HT40 (13.5Mbps) With PoE
10	802.11ac VHT20 (6.5Mbps) With PoE
11	802.11ac VHT40 (13.5Mbps) With PoE
12	802.11ac VHT80 (29.3Mbps) With PoE
caused "Test Mode 10" generated the worst case, it was reported as the final data.	
Radiation Emissions (9KHz ~30MHz & 30MHz ~ 1GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps) With Adapter
2	802.11n HT20 (6.5Mbps) With Adapter
3	802.11n HT40 (13.5Mbps) With Adapter
4	802.11ac VHT20 (6.5Mbps) With Adapter
5	802.11ac VHT40 (13.5Mbps) With Adapter
6	802.11ac VHT80 (29.3Mbps) With Adapter
7	802.11a (6Mbps) With PoE
8	802.11n HT20 (6.5Mbps) With PoE
9	802.11n HT40 (13.5Mbps) With PoE
10	802.11ac VHT20 (6.5Mbps) With PoE
11	802.11ac VHT40 (13.5Mbps) With PoE
12	802.11ac VHT80 (29.3Mbps) With PoE
caused "Test Mode 4" generated the worst case, it was reported as the final data.	

Radiation Emissions (1GHz ~ 40GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps)
2	802.11n HT20 (6.5Mbps)
3	802.11n HT40 (13.5Mbps)
4	802.11ac VHT20 (6.5Mbps)
5	802.11ac VHT40 (13.5Mbps)
6	802.11ac VHT80 (29.3Mbps)
caused “Test Mode 1, 4~6” generated the worst case, they were reported as the final data.	

Note:

1.There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.
For AC Power Line Conducted Emission, AC 120V / 60Hz is worst case.
For Radiated Spurious Emission(9KHz ~30MHz & 30MHz ~ 1GHz), AC 240V / 60Hz is worst case.

Modulation Type	TX CONFIGURATION
802.11a	1TX
802.11n HT20	1TX
802.11n HT40	1TX
802.11ac VHT20	1TX
802.11ac VHT40	1TX
802.11ac VHT80	1TX

2.4. Description of Test System

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
type C	kolin	KEX-DLCP07	1m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	1.2m / NS	N/A
POE	UBIQUITI	GP-H480-050G	N/A	0.6m / NS
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
type C	kolin	KEX-DLCP07	1m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	1.2m / NS	N/A
POE	UBIQUITI	GP-H480-050G	N/A	0.6m / NS
Monitor	DELL	U2410f	NA	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
type C	kolin	KEX-DLCP07	1m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	Cat5e	1.2m / NS	N/A
POE	UBIQUITI	GP-H480-050G	N/A	0.6m / NS
Monitor	DELL	U2410f	NA	N/A

2.5. General Information of Test

Test Site	**Cerpass Technology Corporation Test Laboratory** Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel:+886-3-3226-888 Fax:+886-3-3226-881	
	FCC	TW1439, TW1079
	IC	4934E-1, 4934E-2
	VCCI	T-2205 for Telecommunication test C-4663 for Conducted emission test R-4218 for Radiated emission test G-10812, G-10813 for radiated disturbance above 1GHz
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 40,000MHz	
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.	

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2022/01/17~2022/01/20	22~24℃ / 50~53%	Dian Chen
Radiated Emissions	3M02-NK	2022/01/16~2022/01/18	20~24℃ / 46~52%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/01/13~2022/01/19	19~20℃ / 47~53%	Dian Chen

2.6. Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.12dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.6dB
Radiated Spurious Emission(1GHz~40GHz)	±6.6dB
6dB Bandwidth	±4.4%
26dB Bandwidth	±4.4%
Occupied Bandwidth	±4.4%
Peak Output Power(Conducted Power Meter)	±1.1dB
Power Spectral Density	±1.8dB
Duty Cycle	±1.5%
Frequency Stability	±0.26KHz

3. Test Equipment and Ancillaries Used for Tests

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	**Manufacturer**	**Model No**	**Serial No**	**Calibration Date**	**Valid Date**
Bilog Antenna	Schwarzbeck	VULB9168	275	2021/11/05	2022/11/04
Active Loop Antenna	EMCO	6507	40855	2021/06/10	2022/06/09
Horn Antenna	EMCO	3115	31601	2021/10/14	2022/10/13
EMI Receiver	ROHDE & SCHWARZ	ESCI	101402	2021/03/12	2022/03/11
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/08/06	2022/08/05
Preamplifier	EM Electronics corp.	EM330	60658	2021/10/13	2022/10/12
Preamplifier	Agilent	8449B	3008A01954	2021/03/22	2022/03/21
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2021/04/12	2022/04/11
Cable-0.5m(1G-18G)	EMEC	EM104-SMSM-0.5M	CCE1354	2021/05/06	2022/05/05
Cable-3m(1G-18G)	EMEC	EM104-SMSM-3M	CCE1355	2021/05/06	2022/05/05
Cable-8m(1G-18G)	EMEC	EM104-SMSM-8M	CCE1356	2021/05/06	2022/05/05
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2021/04/03	2022/04/02
Cable-3m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	MY2608/2	2021/04/09	2022/04/08
Cable-0.5m(1G-40G)	Rapidtek	40GHZ 50CM	38MS-38MS50 314	2021/04/08	2022/04/07
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA

Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	**Manufacturer**	**Model No**	**Serial No**	**Calibration Date**	**Valid Date**
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Attenuator	KEYSIGHT	8491B	MY39250703	2021/04/09	2022/04/08
TEMP & HUMI CHAMBER	T-MACHINE	TMJ-9712	T-12-040111	2021/08/27	2022/08/26
Cable-0.5m(1G-26.5G)	HUBER SUHNER	SUCOFLEX 102	28422/2	2021/04/08	2022/04/07
Power Meter	Anritsu	ML2495A	1224005	2021/04/14	2022/04/13
Power Sensor	Anritsu	MA2411B	1207295	2021/04/14	2022/04/13
Switch Box	Theda	1-4	TW5451159	NA	NA
MXG-B RF Vector Signal Generator	KEYSIGHT	N5182B	MY53051383	2021/06/30	2022/06/29

Test Item	AC Power Line Conducted Emission				
Test Site	CON01-NK				
Instrument	**Manufacturer**	**Model No**	**Serial No**	**Calibration Date**	**Valid Date**
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2021/08/30	2022/08/29
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-568	2021/06/02	2022/06/01
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101934	2021/03/10	2022/03/09
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130606	2021/03/15	2022/03/14
E3	AUDIX	v8.2014-8-6	RK-000531	NA	NA

4. Antenna Requirements

4.1. Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.2. Antenna Construction and Directional Gain

Antenna Type	PIFA Antenna
Antenna Gain	5150-5250MHz: ANT A: 5.4dBi 5250-5350MHz: ANT A: 5.4dBi 5470-5725MHz: ANT A: 5.4dBi 5725-5850MHz: ANT A: 5.4dBi

For Power directional gain= G_{ant}= 5.4 dBi
For PSD directional gain = G_{ant}= 5.4 dBi

5. Test of AC Power Line Conducted Emission

5.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz, according to the methods defined in ANSI C63.10-2013. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

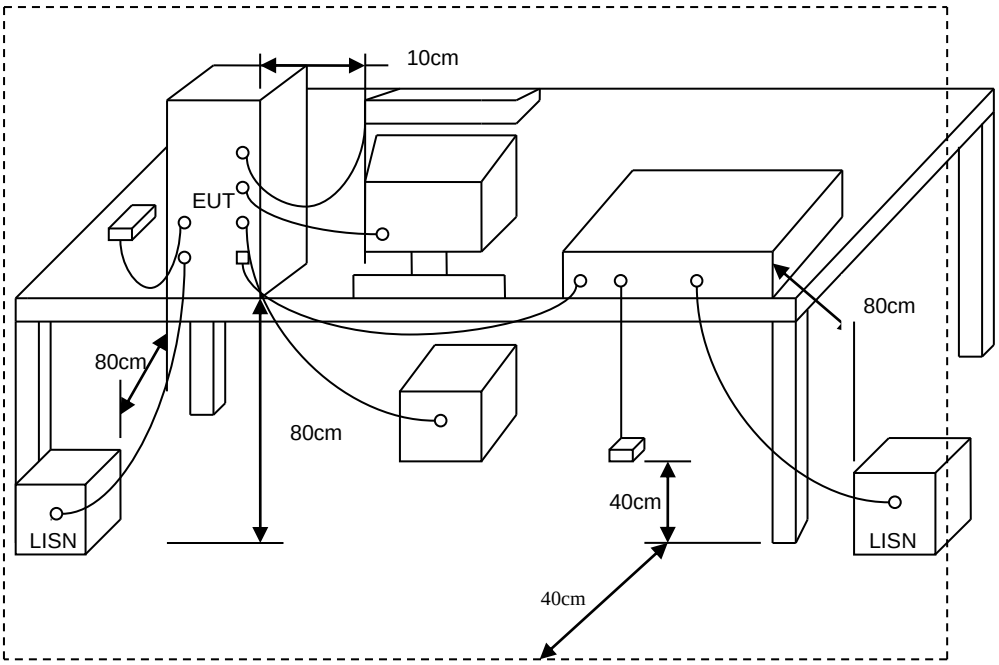
Frequency (MHz)	Quasi Peak (dBμV)	Average (dBμV)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

5.2. Test Procedures

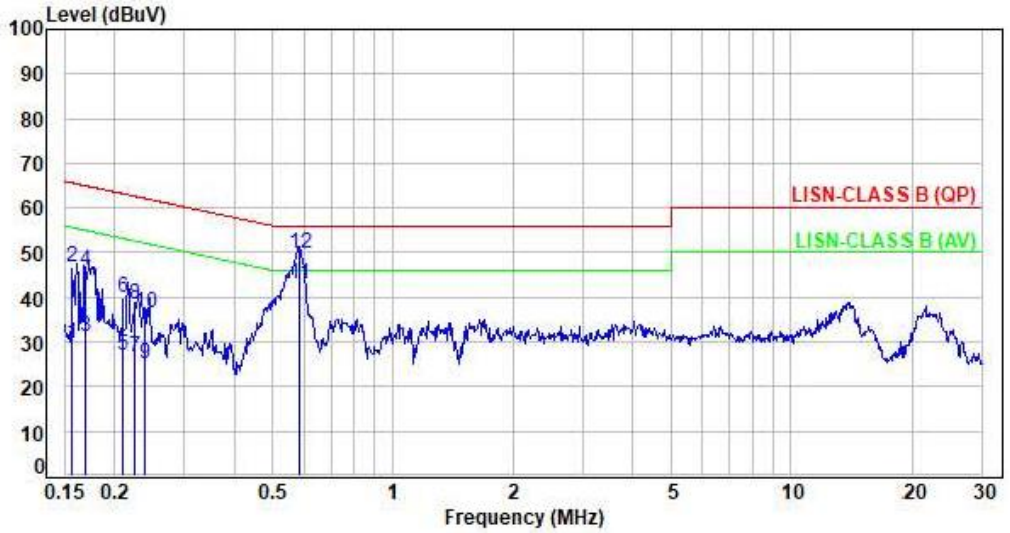
a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
c. All the support units are connecting to the other LISN.
d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
f. Both sides of AC line were checked for maximum conducted interference.
g. The frequency range from 150 kHz to 30 MHz was searched.
h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

5.3. Typical Test Setup



5.4. Test Result and Data

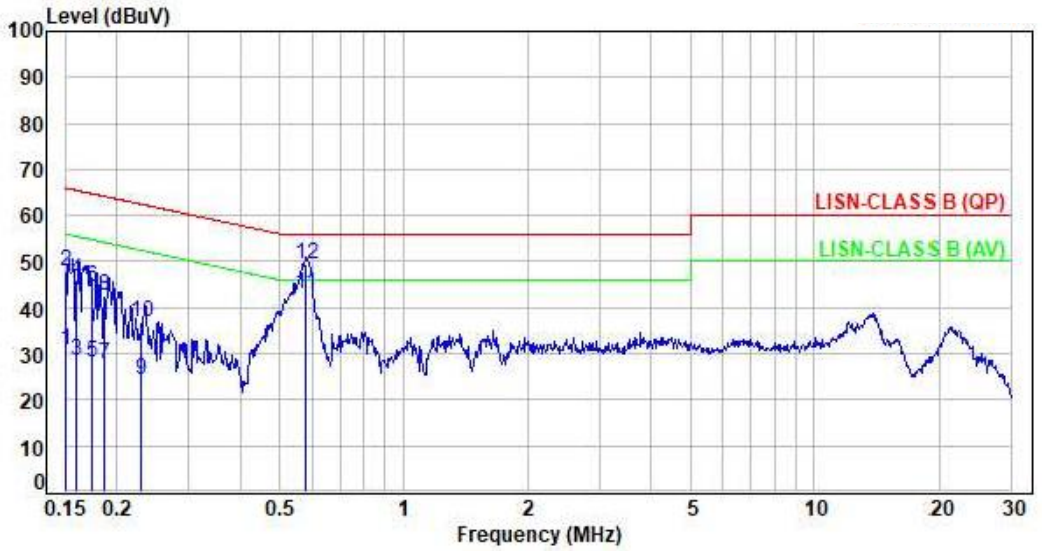
Power	:	AC 120V / 60Hz	Pol/Phase	:	LINE
Test Mode	:	Mode 10		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.92	19.68	29.60	55.62	-26.02	Average	P
2	0.16	9.92	36.93	46.85	65.62	-18.77	QP	P
3	0.17	9.92	21.13	31.05	54.99	-23.94	Average	P
4	0.17	9.92	36.17	46.09	64.99	-18.90	QP	P
5	0.21	9.92	17.26	27.18	53.21	-26.03	Average	P
6	0.21	9.92	30.12	40.04	63.21	-23.17	QP	P
7	0.22	9.92	16.77	26.69	52.64	-25.95	Average	P
8	0.22	9.92	28.54	38.46	62.64	-24.18	QP	P
9	0.24	9.92	15.24	25.16	52.13	-26.97	Average	P
10	0.24	9.92	26.56	36.48	62.13	-25.65	QP	P
11	0.58	9.92	33.08	43.00	46.00	-3.00	Average	P
12	0.58	9.92	39.73	49.65	56.00	-6.35	QP	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss

Power	:	AC 120V / 60Hz	Pol/Phase	:	NEUTRAL
Test Mode	:	Mode 10		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.92	20.86	30.78	55.97	-25.19	Average	P
2	0.15	9.92	38.02	47.94	65.97	-18.03	QP	P
3	0.16	9.92	18.72	28.64	55.53	-26.89	Average	P
4	0.16	9.92	36.14	46.06	65.53	-19.47	QP	P
5	0.17	9.92	18.33	28.25	54.74	-26.49	Average	P
6	0.17	9.92	34.58	44.50	64.74	-20.24	QP	P
7	0.19	9.92	17.91	27.83	54.16	-26.33	Average	P
8	0.19	9.92	32.51	42.43	64.16	-21.73	QP	P
9	0.23	9.92	14.28	24.20	52.50	-28.30	Average	P
10	0.23	9.92	26.89	36.81	62.50	-25.69	QP	P
11	0.58	9.91	32.87	42.78	46.00	-3.22	Average	P
12	0.58	9.91	39.44	49.35	56.00	-6.65	QP	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss

6. Test of Spurious Emission (Radiated)

6.1. Test Limit

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.

(5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.

(6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

(7) The provisions of §15.205 apply to intentional radiators operating under this section.

(8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.

6.2. Test Procedures

a. The EUT was placed on a rotatable table top 0.8 meter above ground.
b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
c. The table was rotated 360 degrees to determine the position of the highest radiation.
d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
i. “Cone of radiation” has been considered to be 3dB bandwidth of the measurement antenna.

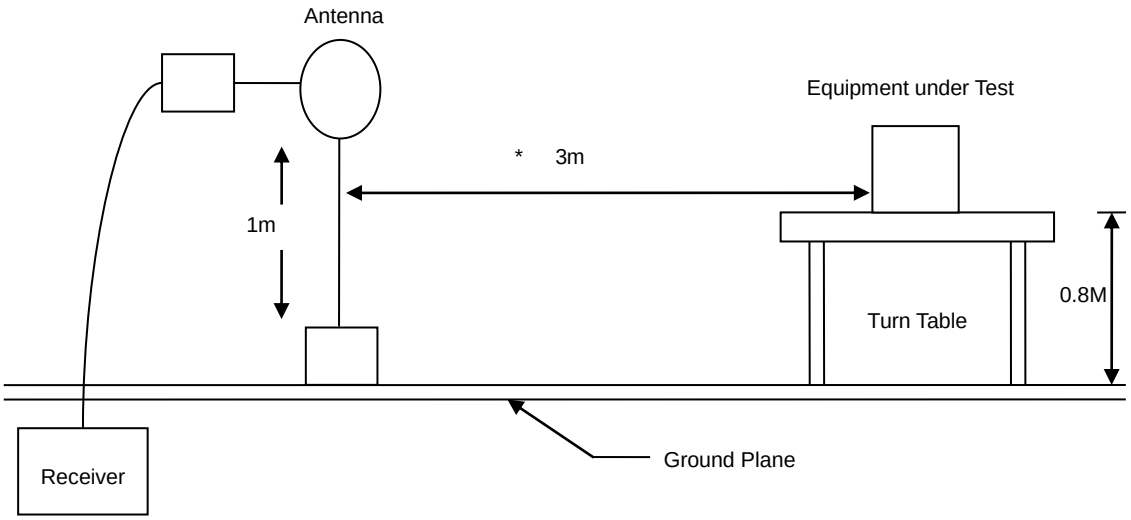
Note:

1.The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized.
(Z-AXIS is the worst.)

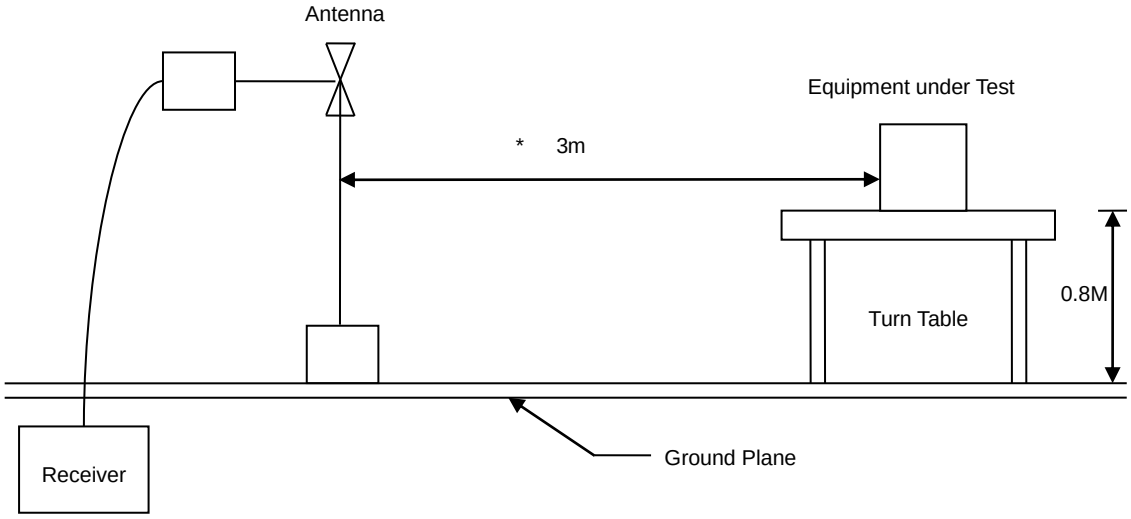
2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

6.3. Typical Test Setup

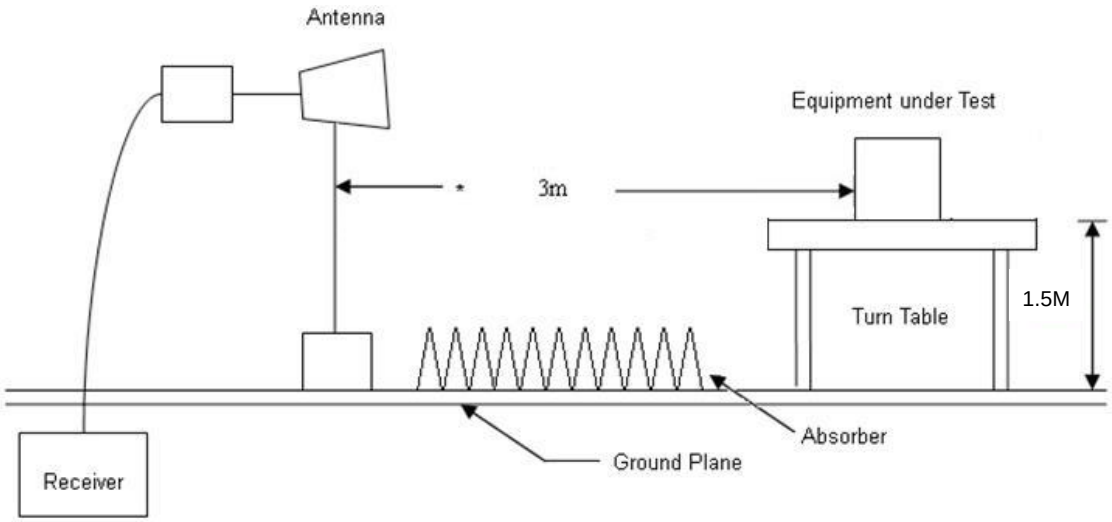
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup

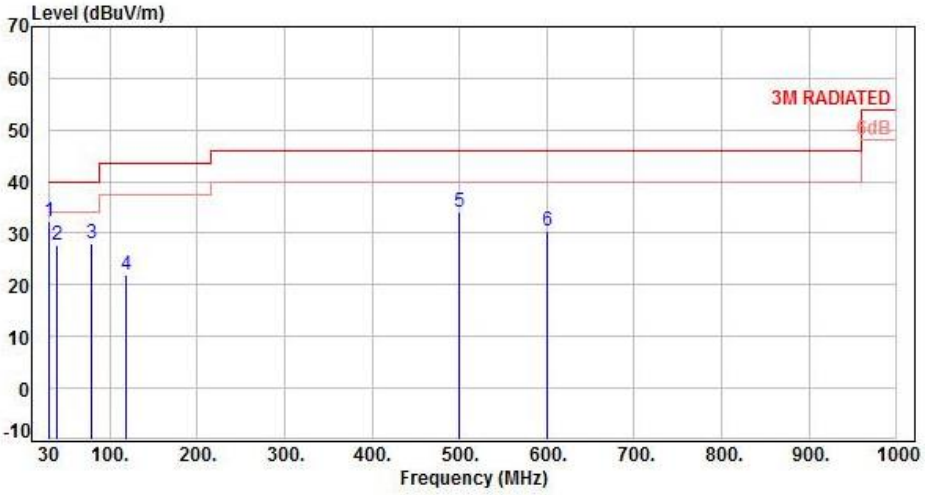


6.4. Test Result and Data (9kHz ~ 30MHz)

The 9kHz - 30MHz spurious emission is under limit 20dB more.

6.5. Test Result and Data (30MHz ~ 1GHz)

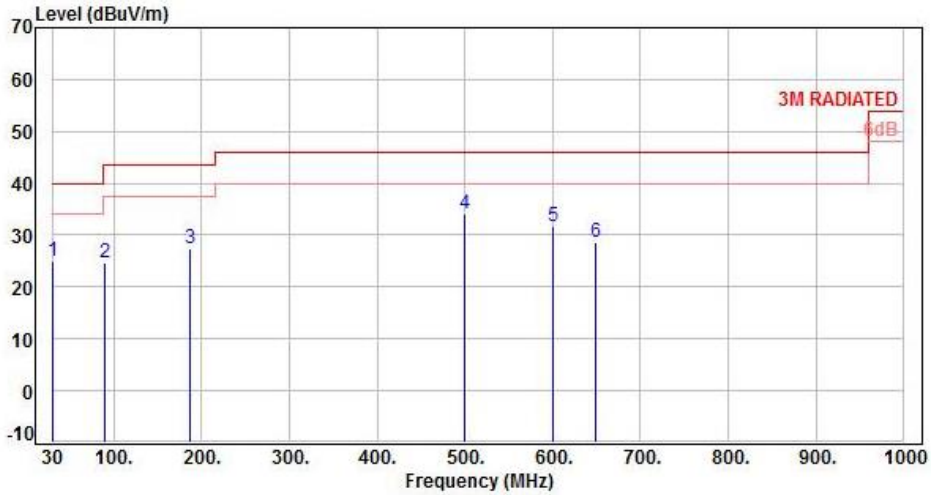
Power	:	AC 240V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-12.63	44.93	32.30	40.00	-7.70	Peak	400	360	P
2	39.70	-11.86	39.43	27.57	40.00	-12.43	Peak	400	360	P
3	78.50	-15.51	43.51	28.00	40.00	-12.00	Peak	400	360	P
4	119.24	-13.82	35.83	22.01	43.50	-21.49	Peak	400	360	P
5	499.48	-5.46	39.45	33.99	46.00	-12.01	Peak	400	360	P
6	600.36	-2.94	33.29	30.35	46.00	-15.65	Peak	400	360	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Power	:	AC 240V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4		:	

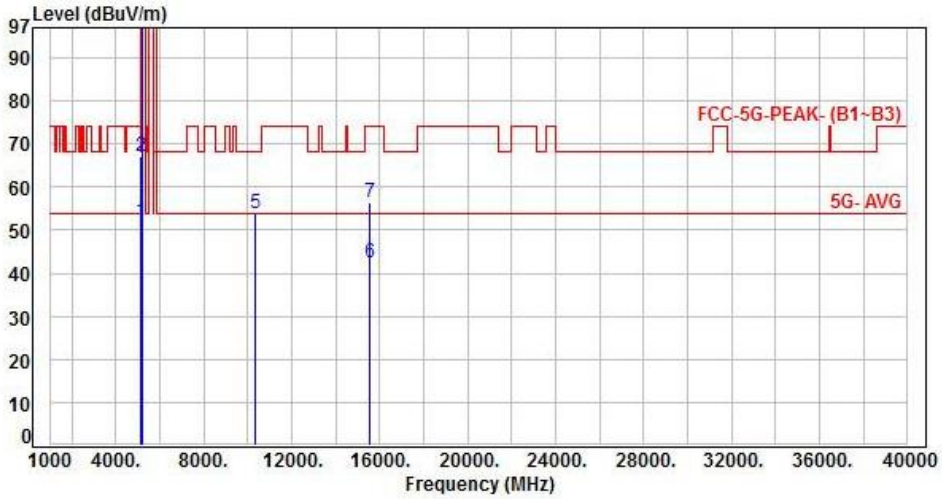


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-12.63	37.59	24.96	40.00	-15.04	Peak	400	0	P
2	90.14	-16.64	41.31	24.67	43.50	-18.83	Peak	400	0	P
3	187.14	-13.30	40.85	27.55	43.50	-15.95	Peak	400	0	P
4	499.48	-5.46	39.63	34.17	46.00	-11.83	Peak	400	0	P
5	600.36	-2.94	34.52	31.58	46.00	-14.42	Peak	400	0	P
6	648.86	-2.16	30.66	28.50	46.00	-17.50	Peak	400	0	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

6.6. Test Result and Data (1GHz ~ 40GHz)

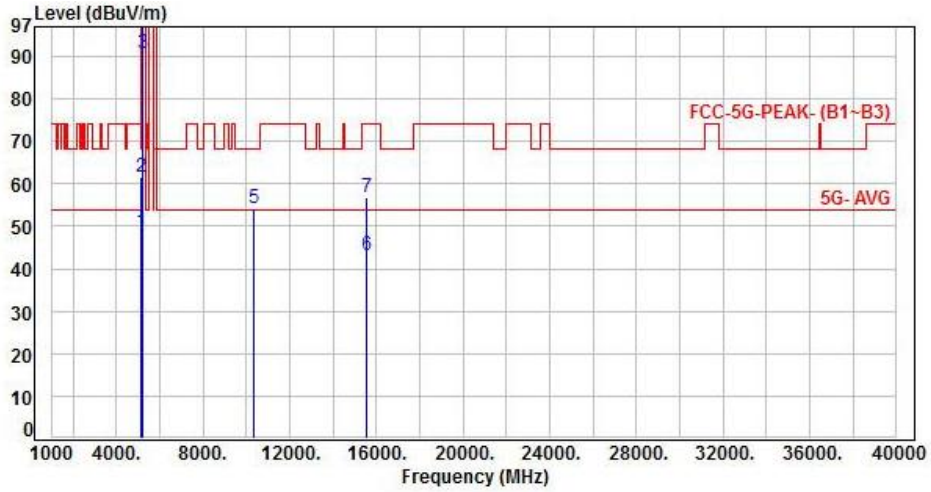
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 1, CH36		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	47.39	52.18	54.00	-1.82	Average	341	260	P
2	5150.00	4.79	62.48	67.27	74.00	-6.73	Peak	341	260	P
3	5180.00	4.82	91.18	96.00	200.00	-104.00	Average	341	260	P
4	5180.00	4.82	100.24	105.06	200.00	-94.94	Peak	341	260	P
5	10360.00	11.55	42.44	53.99	68.20	-14.21	Peak	100	106	P
6	15540.00	13.87	28.67	42.54	54.00	-11.46	Average	100	189	P
7	15540.00	13.87	42.65	56.52	74.00	-17.48	Peak	100	189	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

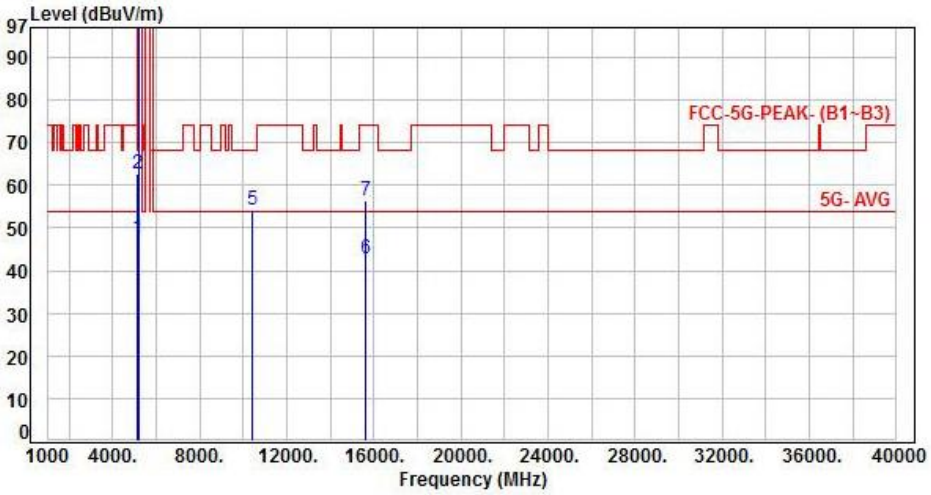
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 1, CH36		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	43.98	48.77	54.00	-5.23	Average	267	88	P
2	5150.00	4.79	56.86	61.65	74.00	-12.35	Peak	267	88	P
3	5180.00	4.82	85.94	90.76	200.00	-109.24	Average	267	88	P
4	5180.00	4.82	95.01	99.83	200.00	-100.17	Peak	267	88	P
5	10360.00	11.55	42.71	54.26	68.20	-13.94	Peak	100	267	P
6	15540.00	13.87	29.11	42.98	54.00	-11.02	Average	100	144	P
7	15540.00	13.87	42.91	56.78	74.00	-17.22	Peak	100	144	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

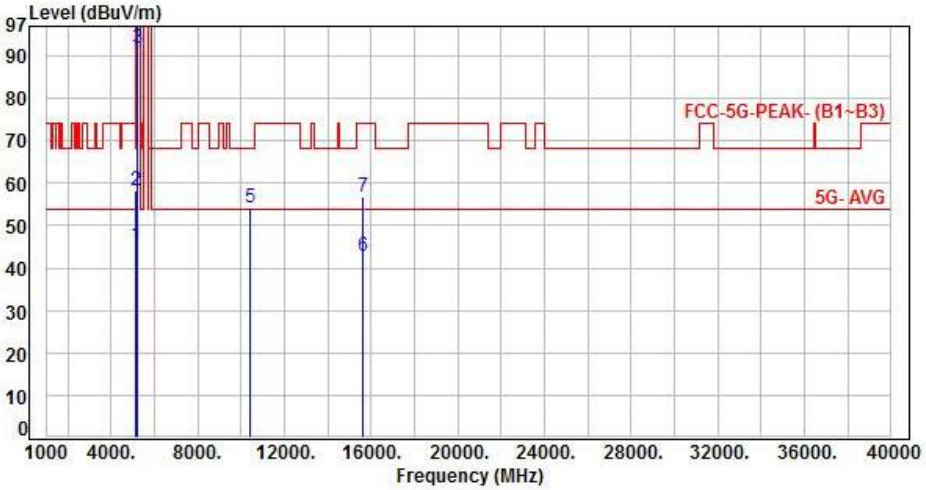
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 1, CH40		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	42.95	47.74	54.00	-6.26	Average	308	255	P
2	5150.00	4.79	57.78	62.57	74.00	-11.43	Peak	308	255	P
3	5200.00	4.83	92.17	97.00	200.00	-103.00	Average	308	255	P
4	5200.00	4.83	101.22	106.05	200.00	-93.95	Peak	308	255	P
5	10400.00	11.57	42.69	54.26	68.20	-13.94	Peak	100	106	P
6	15600.00	13.65	29.11	42.76	54.00	-11.24	Average	100	184	P
7	15600.00	13.65	42.82	56.47	74.00	-17.53	Peak	100	184	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

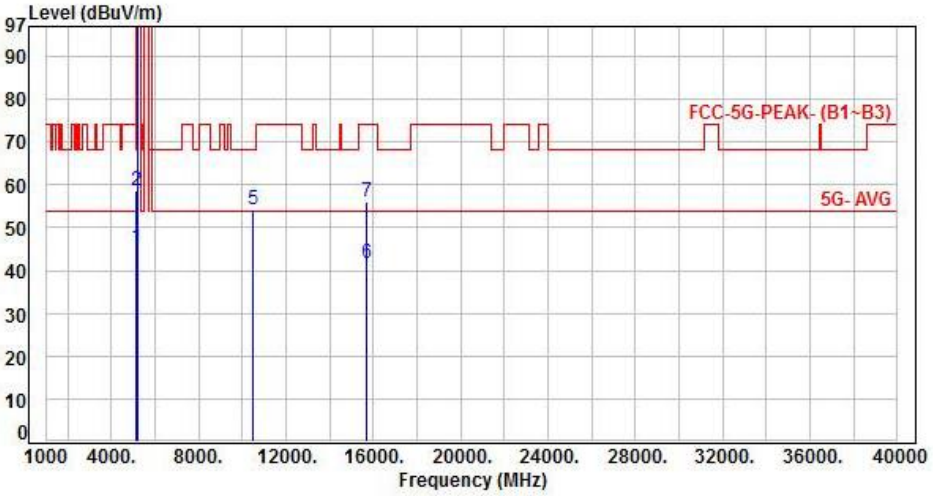
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 1, CH40		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	40.75	45.54	54.00	-8.46	Average	252	89	P
2	5150.00	4.79	53.47	58.26	74.00	-15.74	Peak	252	89	P
3	5200.00	4.83	87.01	91.84	200.00	-108.16	Average	252	89	P
4	5200.00	4.83	96.17	101.00	200.00	-99.00	Peak	252	89	P
5	10400.00	11.57	42.74	54.31	68.20	-13.89	Peak	100	266	P
6	15600.00	13.65	29.06	42.71	54.00	-11.29	Average	100	147	P
7	15600.00	13.65	42.97	56.62	74.00	-17.38	Peak	100	147	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

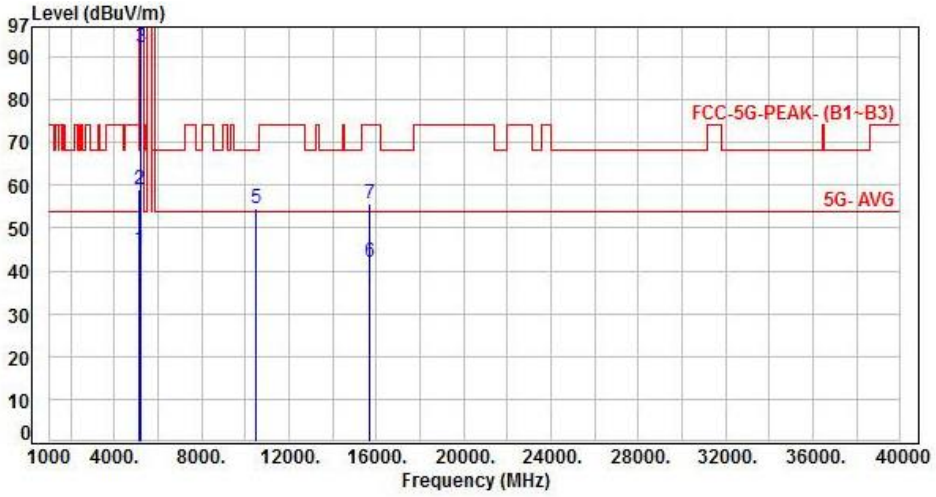
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	40.46	45.25	54.00	-8.75	Average	334	262	P
2	5150.00	4.79	53.96	58.75	74.00	-15.25	Peak	334	262	P
3	5240.00	4.85	92.54	97.39	200.00	-102.61	Average	334	262	P
4	5240.00	4.85	102.25	107.10	200.00	-92.90	Peak	334	262	P
5	10480.00	11.78	42.49	54.27	68.20	-13.93	Peak	100	110	P
6	15720.00	13.12	28.73	41.85	54.00	-12.15	Average	100	188	P
7	15720.00	13.12	42.80	55.92	74.00	-18.08	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

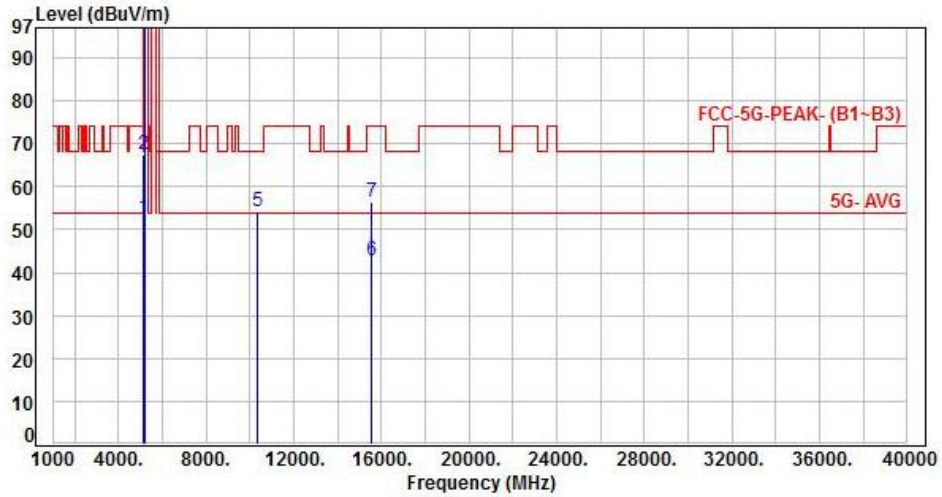
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	40.33	45.12	54.00	-8.88	Average	261	88	P
2	5150.00	4.79	54.12	58.91	74.00	-15.09	Peak	261	88	P
3	5240.00	4.85	87.43	92.28	200.00	-107.72	Average	261	88	P
4	5240.00	4.85	96.83	101.68	200.00	-98.32	Peak	261	88	P
5	10480.00	11.78	42.64	54.42	68.20	-13.78	Peak	100	264	P
6	15720.00	13.12	28.86	41.98	54.00	-12.02	Average	100	149	P
7	15720.00	13.12	42.49	55.61	74.00	-18.39	Peak	100	149	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

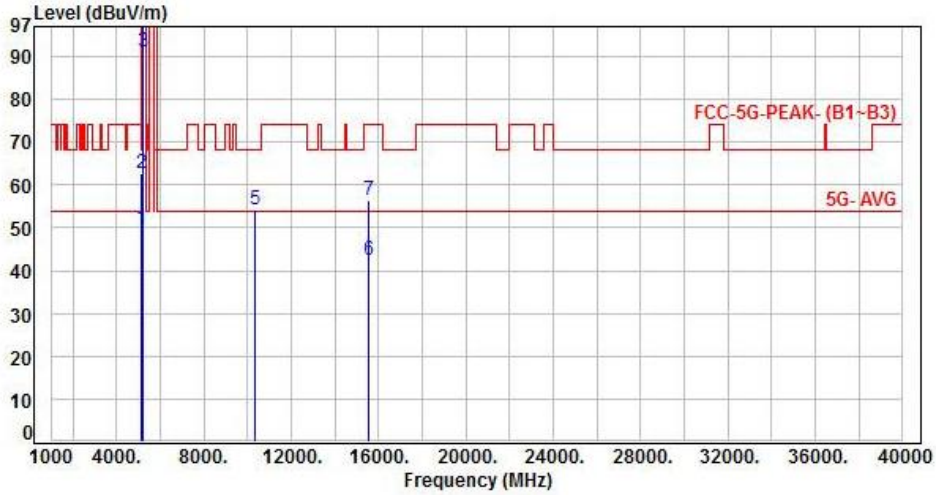
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 1, CH36		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	47.89	52.68	54.00	-1.32	Average	381	263	P
2	5150.00	4.79	62.55	67.34	74.00	-6.66	Peak	381	263	P
3	5180.00	4.82	91.02	95.84	200.00	-104.16	Average	381	263	P
4	5180.00	4.82	100.36	105.18	200.00	-94.82	Peak	381	263	P
5	10360.00	11.55	42.57	54.12	68.20	-14.08	Peak	100	110	P
6	15540.00	13.87	28.99	42.86	54.00	-11.14	Average	100	187	P
7	15540.00	13.87	42.64	56.51	74.00	-17.49	Peak	100	187	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

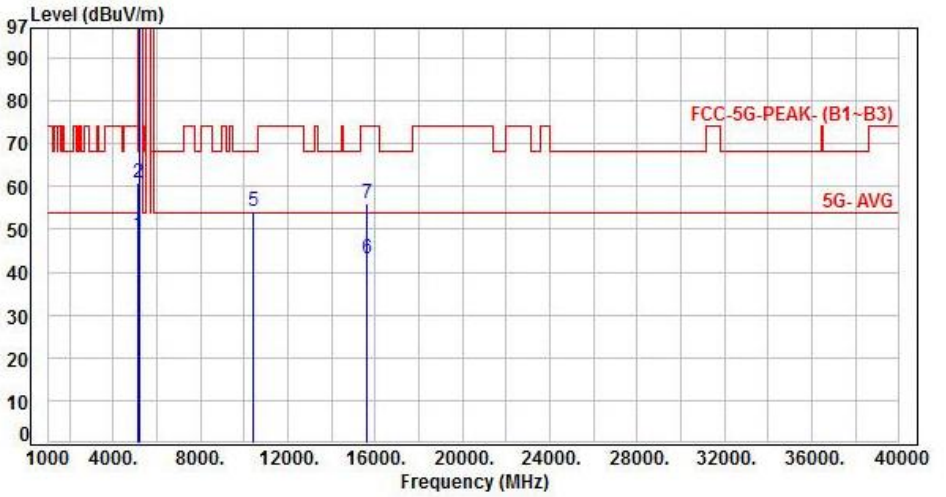
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 1, CH36		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	44.96	49.75	54.00	-4.25	Average	249	87	P
2	5150.00	4.79	57.90	62.69	74.00	-11.31	Peak	249	87	P
3	5180.00	4.82	86.20	91.02	200.00	-108.98	Average	249	87	P
4	5180.00	4.82	95.50	100.32	200.00	-99.68	Peak	249	87	P
5	10360.00	11.55	42.63	54.18	68.20	-14.02	Peak	100	260	P
6	15540.00	13.87	28.59	42.46	54.00	-11.54	Average	100	146	P
7	15540.00	13.87	42.53	56.40	74.00	-17.60	Peak	100	146	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

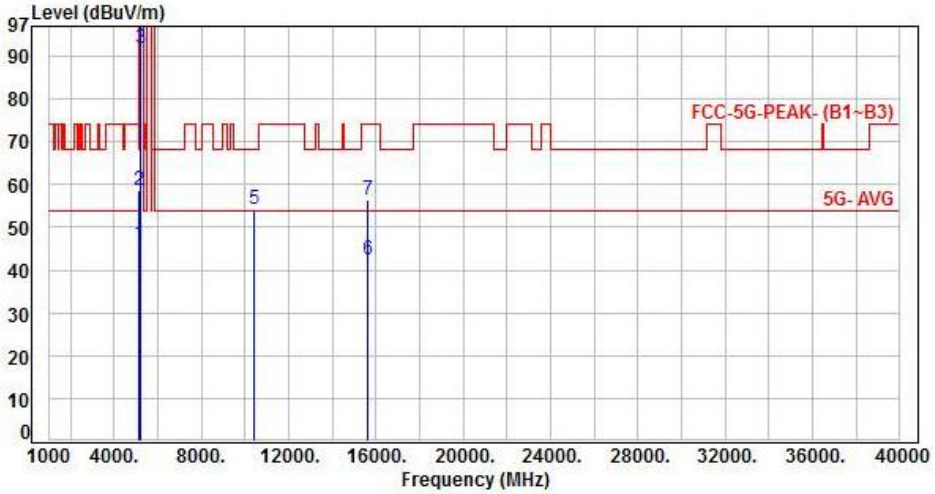
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 1, CH40		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	43.87	48.66	54.00	-5.34	Average	277	266	P
2	5150.00	4.79	56.22	61.01	74.00	-12.99	Peak	277	266	P
3	5200.00	4.83	91.51	96.34	200.00	-103.66	Average	277	266	P
4	5200.00	4.83	100.78	105.61	200.00	-94.39	Peak	277	266	P
5	10400.00	11.57	42.81	54.38	68.20	-13.82	Peak	100	107	P
6	15600.00	13.65	29.37	43.02	54.00	-10.98	Average	100	184	P
7	15600.00	13.65	42.29	55.94	74.00	-18.06	Peak	100	184	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

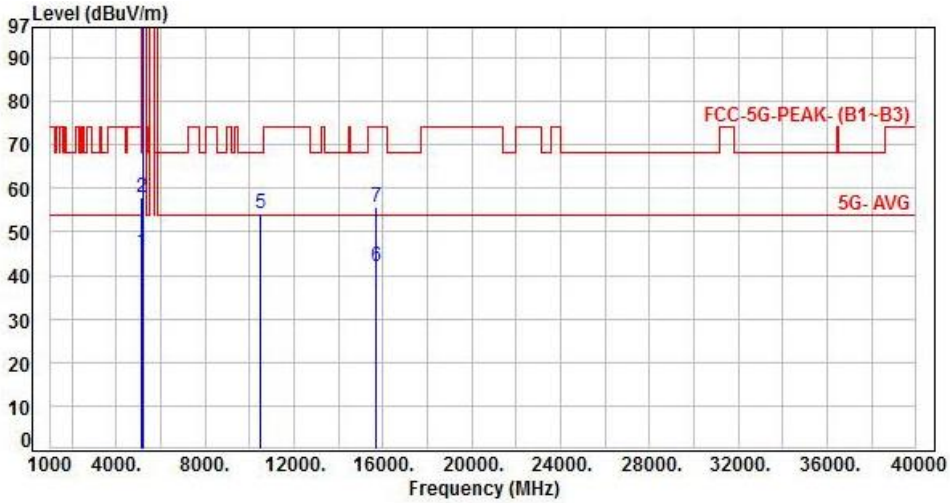
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 1, CH40		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	41.27	46.06	54.00	-7.94	Average	252	88	P
2	5150.00	4.79	53.72	58.51	74.00	-15.49	Peak	252	88	P
3	5200.00	4.83	86.89	91.72	200.00	-108.28	Average	252	88	P
4	5200.00	4.83	96.16	100.99	200.00	-99.01	Peak	252	88	P
5	10400.00	11.57	42.52	54.09	68.20	-14.11	Peak	100	266	P
6	15600.00	13.65	28.92	42.57	54.00	-11.43	Average	100	148	P
7	15600.00	13.65	42.63	56.28	74.00	-17.72	Peak	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

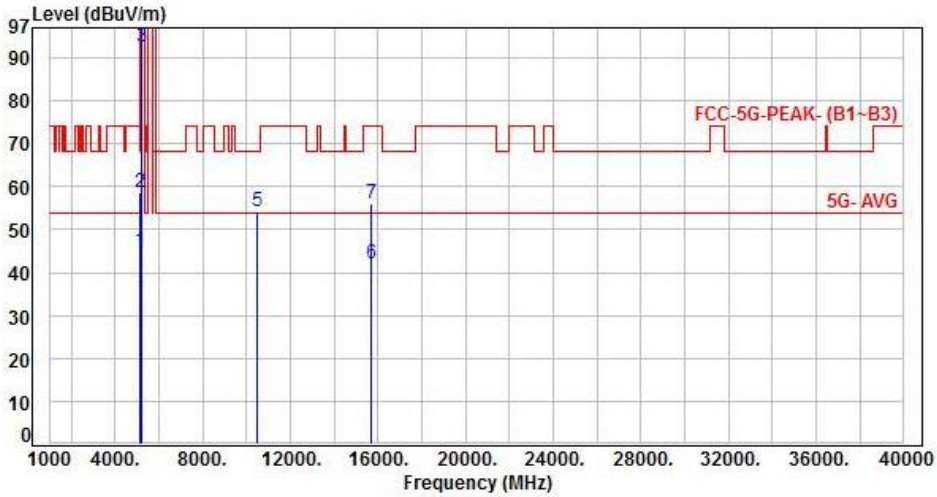
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	40.55	45.34	54.00	-8.66	Average	316	266	P
2	5150.00	4.79	53.28	58.07	74.00	-15.93	Peak	316	266	P
3	5240.00	4.85	92.32	97.17	200.00	-102.83	Average	316	266	P
4	5240.00	4.85	102.06	106.91	200.00	-93.09	Peak	316	266	P
5	10480.00	11.78	42.50	54.28	68.20	-13.92	Peak	100	109	P
6	15720.00	13.12	29.08	42.20	54.00	-11.80	Average	100	190	P
7	15720.00	13.12	42.48	55.60	74.00	-18.40	Peak	100	190	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

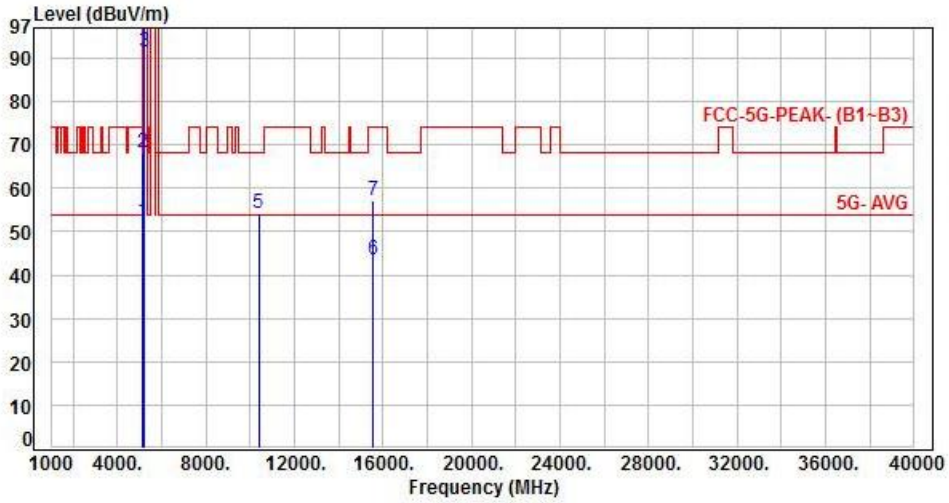
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 1, CH48		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	40.35	45.14	54.00	-8.86	Average	337	86	P
2	5150.00	4.79	54.04	58.83	74.00	-15.17	Peak	337	86	P
3	5240.00	4.85	87.62	92.47	200.00	-107.53	Average	337	86	P
4	5240.00	4.85	97.31	102.16	200.00	-97.84	Peak	337	86	P
5	10480.00	11.78	42.47	54.25	68.20	-13.95	Peak	100	263	P
6	15720.00	13.12	28.74	41.86	54.00	-12.14	Average	100	141	P
7	15720.00	13.12	42.86	55.98	74.00	-18.02	Peak	100	141	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

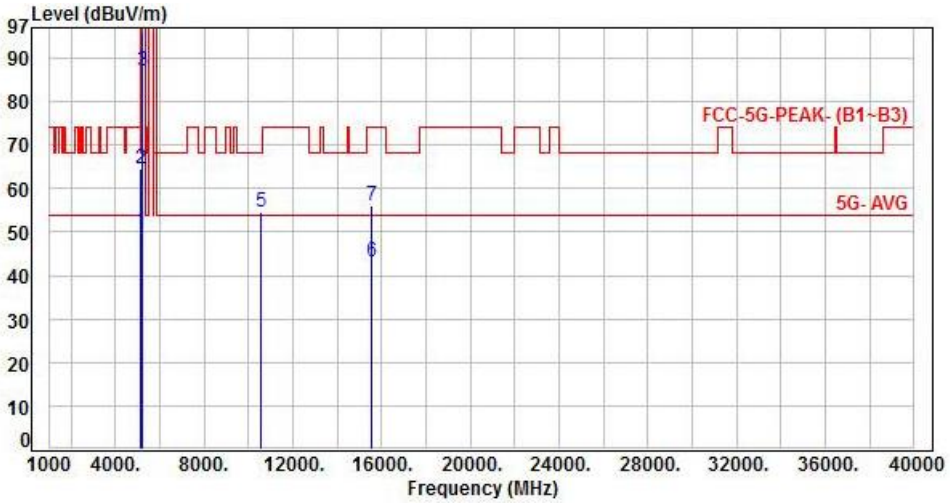
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 1, CH38		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	47.46	52.25	54.00	-1.75	Average	379	263	P
2	5150.00	4.79	63.58	68.37	74.00	-5.63	Peak	379	263	P
3	5190.00	4.82	86.69	91.51	200.00	-108.49	Average	379	263	P
4	5190.00	4.82	95.85	100.67	200.00	-99.33	Peak	379	263	P
5	10380.00	11.56	42.70	54.26	68.20	-13.94	Peak	100	110	P
6	15570.00	13.76	29.74	43.50	54.00	-10.50	Average	100	186	P
7	15570.00	13.76	43.30	57.06	74.00	-16.94	Peak	100	186	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

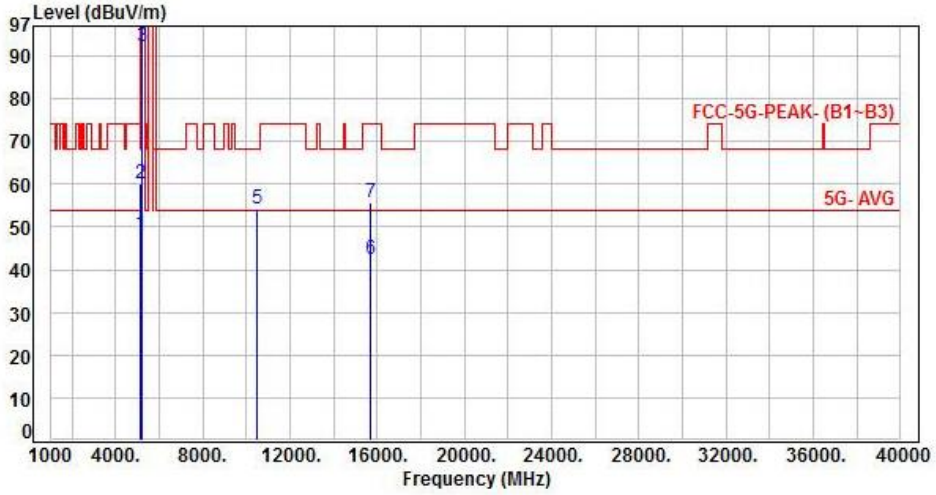
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 1, CH38		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	45.26	50.05	54.00	-3.95	Average	257	88	P
2	5150.00	4.79	59.83	64.62	74.00	-9.38	Peak	257	88	P
3	5190.00	4.82	82.04	86.86	200.00	-113.14	Average	257	88	P
4	5190.00	4.82	91.21	96.03	200.00	-103.97	Peak	257	88	P
5	10580.00	12.07	42.61	54.68	68.20	-13.52	Peak	100	264	P
6	15570.00	13.76	29.54	43.30	54.00	-10.70	Average	100	148	P
7	15570.00	13.76	42.34	56.10	74.00	-17.90	Peak	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

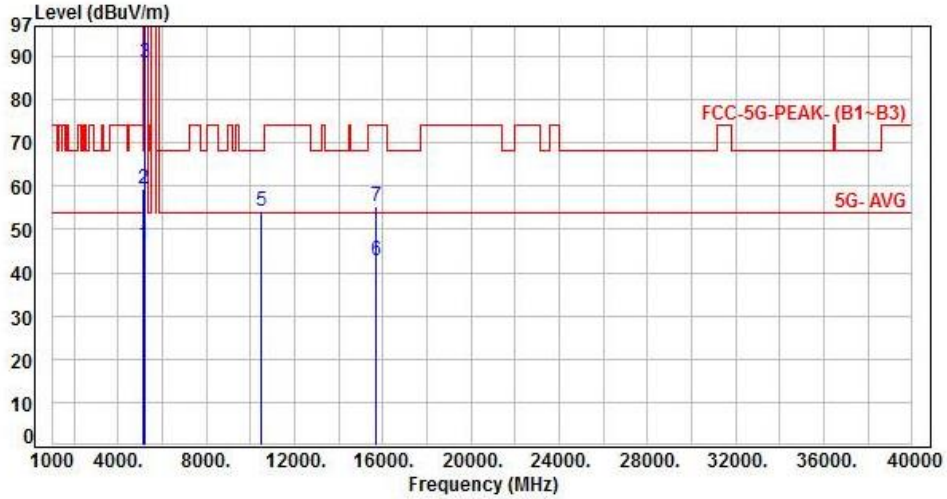
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 1, CH46		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	43.42	48.21	54.00	-5.79	Average	372	266	P
2	5150.00	4.79	55.39	60.18	74.00	-13.82	Peak	372	266	P
3	5230.00	4.84	87.55	92.39	200.00	-107.61	Average	372	266	P
4	5230.00	4.84	96.81	101.65	200.00	-98.35	Peak	372	266	P
5	10460.00	11.73	42.64	54.37	68.20	-13.83	Peak	100	103	P
6	15690.00	13.15	29.44	42.59	54.00	-11.41	Average	100	182	P
7	15690.00	13.15	42.67	55.82	74.00	-18.18	Peak	100	182	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

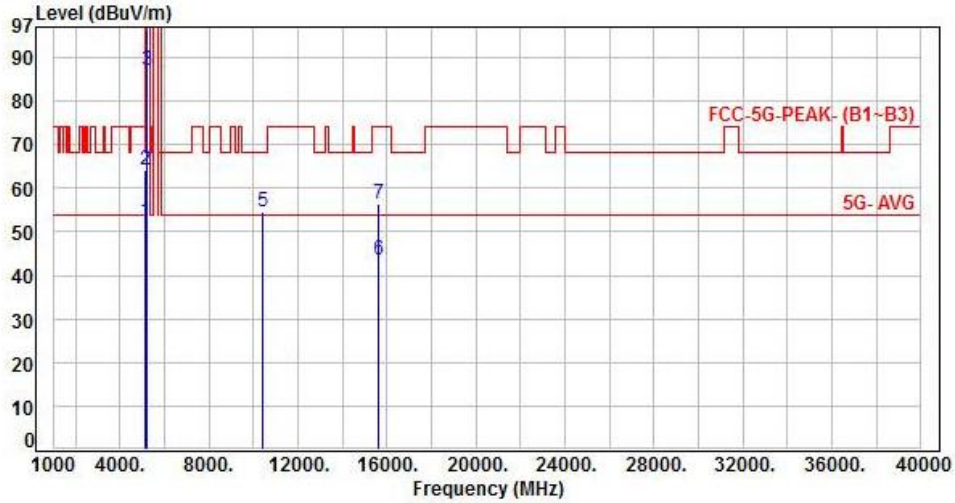
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 1, CH46		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	41.65	46.44	54.00	-7.56	Average	368	87	P
2	5150.00	4.79	54.42	59.21	74.00	-14.79	Peak	368	87	P
3	5230.00	4.84	83.60	88.44	200.00	-111.56	Average	368	87	P
4	5230.00	4.84	92.83	97.67	200.00	-102.33	Peak	368	87	P
5	10460.00	11.73	42.57	54.30	68.20	-13.90	Peak	100	265	P
6	15690.00	13.15	29.64	42.79	54.00	-11.21	Average	100	148	P
7	15690.00	13.15	42.35	55.50	74.00	-18.50	Peak	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

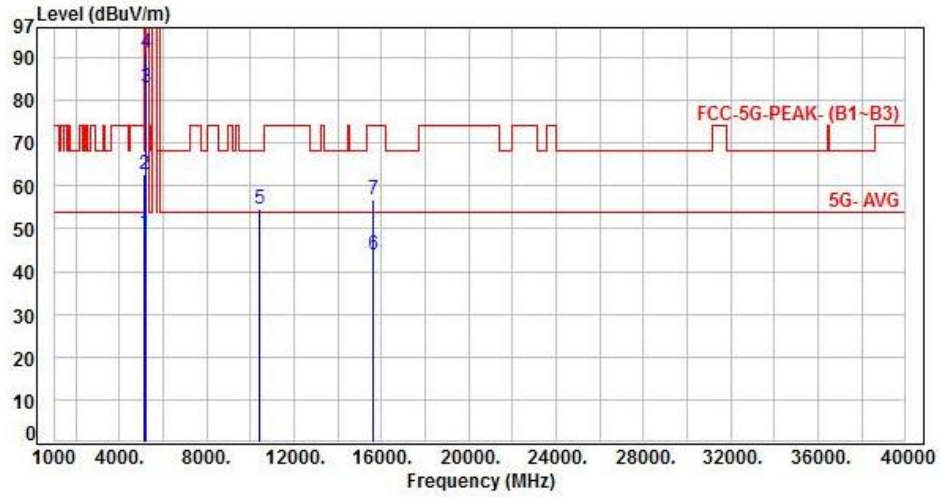
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 1, CH42		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	47.72	52.51	54.00	-1.49	Average	338	262	P
2	5150.00	4.79	59.50	64.29	74.00	-9.71	Peak	338	262	P
3	5210.00	4.83	82.09	86.92	200.00	-113.08	Average	338	262	P
4	5210.00	4.83	91.28	96.11	200.00	-103.89	Peak	338	262	P
5	10420.00	11.63	42.78	54.41	68.20	-13.79	Peak	100	110	P
6	15630.00	13.48	29.86	43.34	54.00	-10.66	Average	100	191	P
7	15630.00	13.48	42.91	56.39	74.00	-17.61	Peak	100	191	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

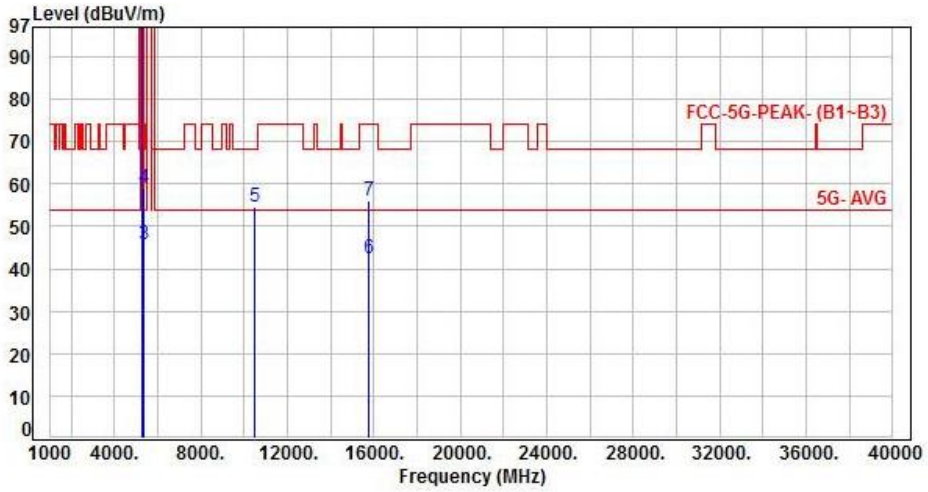
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH42		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.79	44.14	48.93	54.00	-5.07	Average	361	88	P
2	5150.00	4.79	57.80	62.59	74.00	-11.41	Peak	361	88	P
3	5210.00	4.83	78.19	83.02	200.00	-116.98	Average	361	88	P
4	5210.00	4.83	86.33	91.16	200.00	-108.84	Peak	361	88	P
5	10420.00	11.63	42.78	54.41	68.20	-13.79	Peak	100	272	P
6	15630.00	13.48	30.26	43.74	54.00	-10.26	Average	100	148	P
7	15630.00	13.48	43.17	56.65	74.00	-17.35	Peak	100	148	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

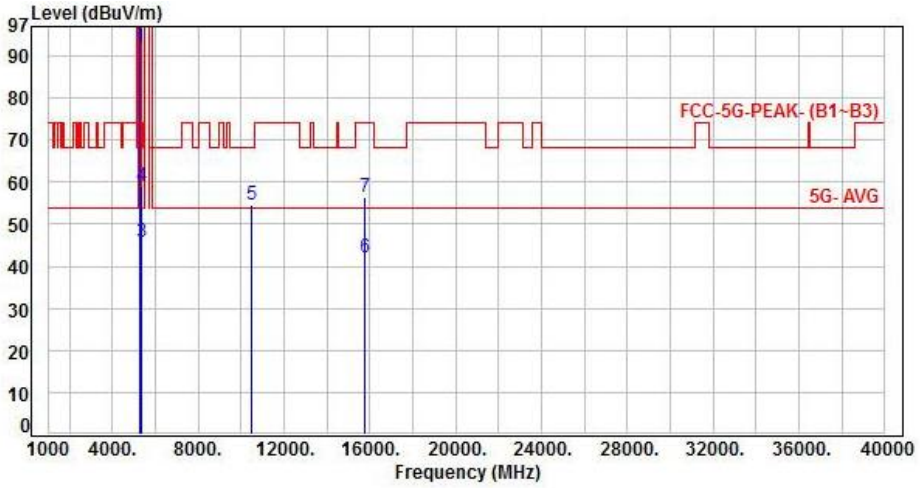
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 2, CH52		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.89	91.76	96.65	200.00	-103.35	Average	265	247	P
2	5260.00	4.89	100.89	105.78	200.00	-94.22	Peak	265	247	P
3	5350.00	5.02	40.66	45.68	54.00	-8.32	Average	265	247	P
4	5350.00	5.02	54.07	59.09	74.00	-14.91	Peak	265	247	P
5	10520.00	11.89	42.76	54.65	68.20	-13.55	Peak	100	115	P
6	15780.00	13.21	29.17	42.38	54.00	-11.62	Average	100	192	P
7	15780.00	13.21	42.95	56.16	74.00	-17.84	Peak	100	192	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

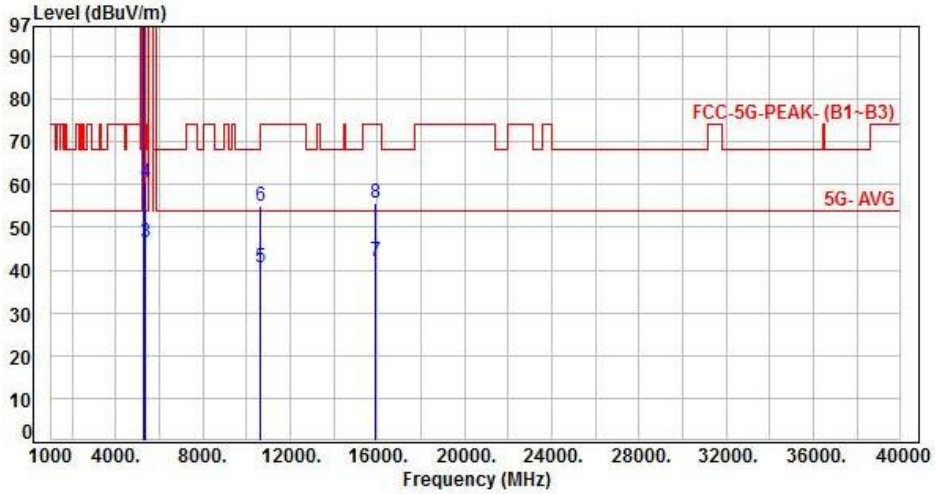
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 2, CH52		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.89	87.00	91.89	200.00	-108.11	Average	103	165	P
2	5260.00	4.89	96.05	100.94	200.00	-99.06	Peak	103	165	P
3	5350.00	5.02	40.69	45.71	54.00	-8.29	Average	103	165	P
4	5350.00	5.02	53.87	58.89	74.00	-15.11	Peak	103	165	P
5	10520.00	11.89	42.58	54.47	68.20	-13.73	Peak	100	277	P
6	15780.00	13.21	28.84	42.05	54.00	-11.95	Average	100	161	P
7	15780.00	13.21	43.06	56.27	74.00	-17.73	Peak	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

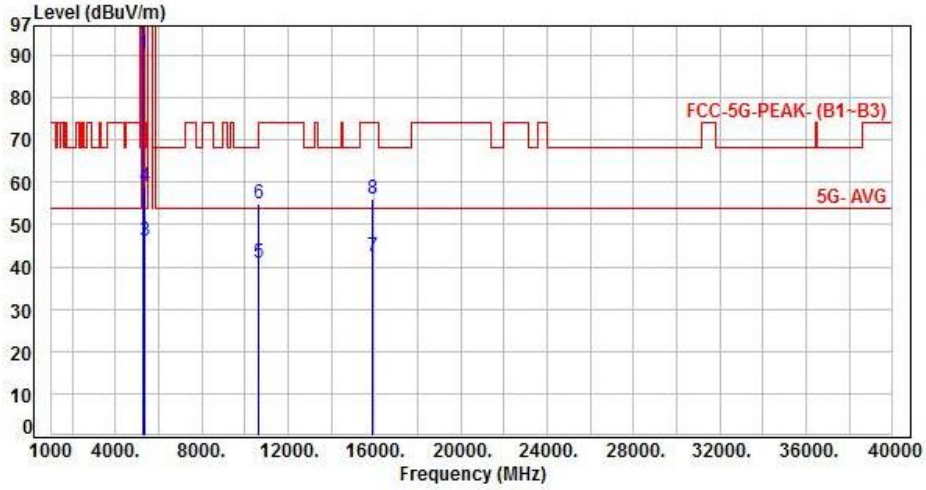
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 2, CH60		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.99	91.88	96.87	200.00	-103.13	Average	306	245	P
2	5300.00	4.99	101.32	106.31	200.00	-93.69	Peak	306	245	P
3	5350.00	5.02	41.45	46.47	54.00	-7.53	Average	306	245	P
4	5350.00	5.02	55.32	60.34	74.00	-13.66	Peak	306	245	P
5	10600.00	12.13	28.47	40.60	54.00	-13.40	Average	100	112	P
6	10600.00	12.13	42.67	54.80	74.00	-19.20	Peak	100	112	P
7	15900.00	13.28	28.88	42.16	54.00	-11.84	Average	100	186	P
8	15900.00	13.28	42.59	55.87	74.00	-18.13	Peak	100	186	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

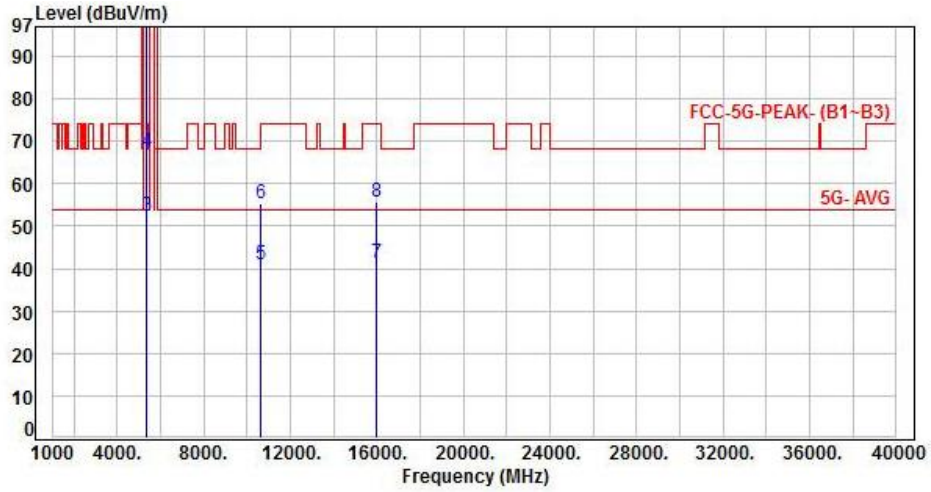
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 2, CH60		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.99	85.47	90.46	200.00	-109.54	Average	100	166	P
2	5300.00	4.99	94.62	99.61	200.00	-100.39	Peak	100	166	P
3	5350.00	5.02	41.06	46.08	54.00	-7.92	Average	100	166	P
4	5350.00	5.02	53.87	58.89	74.00	-15.11	Peak	100	166	P
5	10600.00	12.13	28.74	40.87	54.00	-13.13	Average	100	277	P
6	10600.00	12.13	42.65	54.78	74.00	-19.22	Peak	100	277	P
7	15900.00	13.28	29.09	42.37	54.00	-11.63	Average	100	157	P
8	15900.00	13.28	42.68	55.96	74.00	-18.04	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

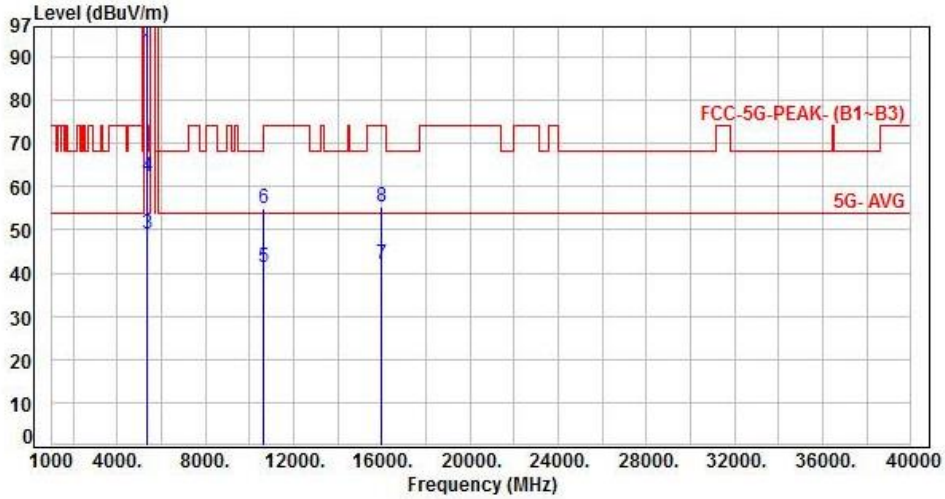
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	5.00	91.07	96.07	200.00	-103.93	Average	304	242	P
2	5320.00	5.00	99.91	104.91	200.00	-95.09	Peak	304	242	P
3	5350.00	5.02	47.39	52.41	54.00	-1.59	Average	304	242	P
4	5350.00	5.02	62.45	67.47	74.00	-6.53	Peak	304	242	P
5	10640.00	12.16	28.66	40.82	54.00	-13.18	Average	100	115	P
6	10640.00	12.16	43.26	55.42	74.00	-18.58	Peak	100	115	P
7	15960.00	12.94	28.54	41.48	54.00	-12.52	Average	100	188	P
8	15960.00	12.94	42.82	55.76	74.00	-18.24	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

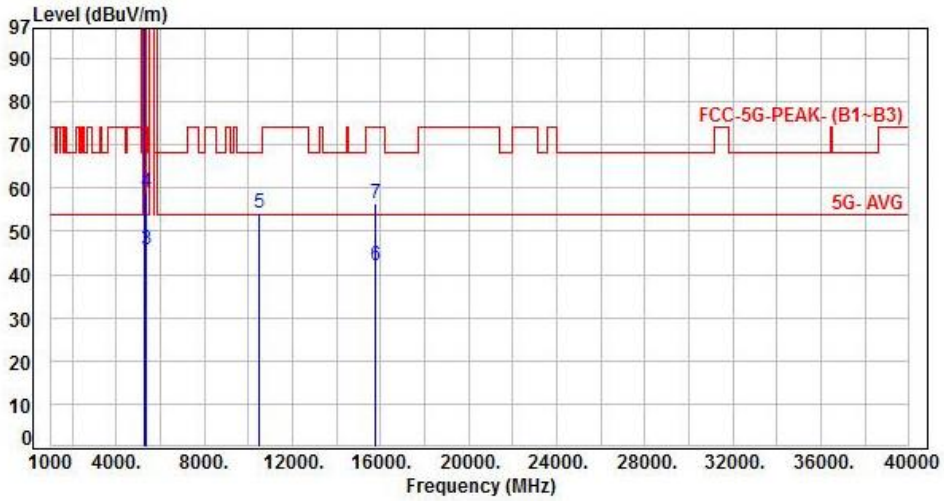
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	5.00	85.93	90.93	200.00	-109.07	Average	103	168	P
2	5320.00	5.00	94.84	99.84	200.00	-100.16	Peak	103	168	P
3	5350.00	5.02	43.94	48.96	54.00	-5.04	Average	103	168	P
4	5350.00	5.02	57.29	62.31	74.00	-11.69	Peak	103	168	P
5	10640.00	12.16	28.99	41.15	54.00	-12.85	Average	100	268	P
6	10640.00	12.16	42.63	54.79	74.00	-19.21	Peak	100	268	P
7	15960.00	12.94	29.13	42.07	54.00	-11.93	Average	100	160	P
8	15960.00	12.94	42.49	55.43	74.00	-18.57	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

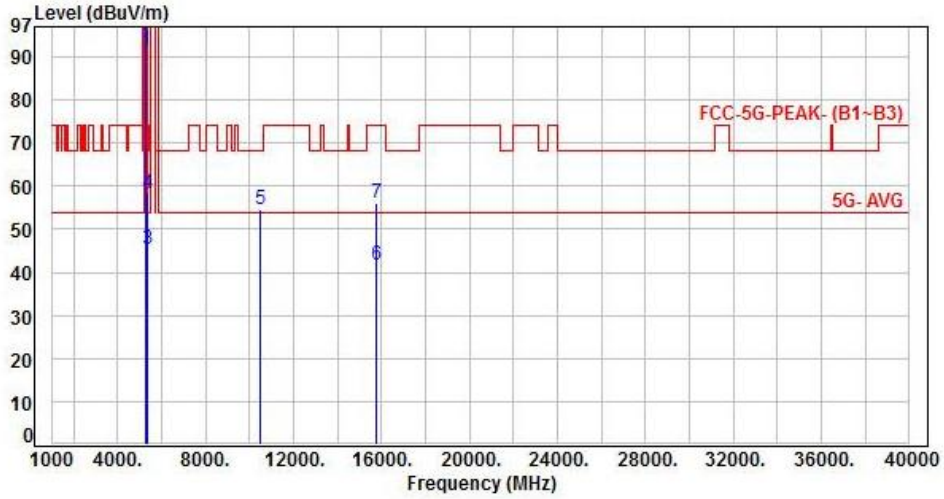
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 2, CH52		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.89	91.76	96.65	200.00	-103.35	Average	311	243	P
2	5260.00	4.89	101.68	106.57	200.00	-93.43	Peak	311	243	P
3	5350.00	5.02	40.66	45.68	54.00	-8.32	Average	311	243	P
4	5350.00	5.02	53.99	59.01	74.00	-14.99	Peak	311	243	P
5	10520.00	11.89	42.37	54.26	68.20	-13.94	Peak	100	116	P
6	15780.00	13.21	28.68	41.89	54.00	-12.11	Average	100	188	P
7	15780.00	13.21	43.11	56.32	74.00	-17.68	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

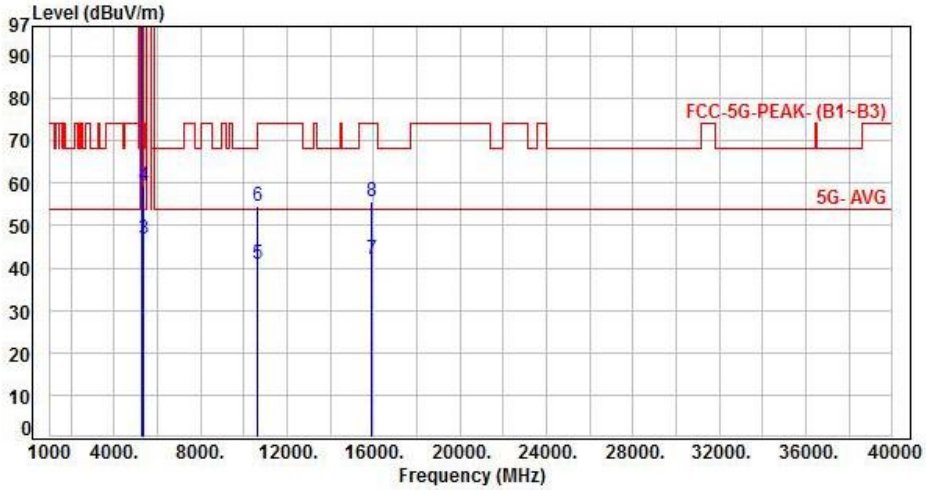
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 2, CH52		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.89	86.60	91.49	200.00	-108.51	Average	104	166	P
2	5260.00	4.89	96.21	101.10	200.00	-98.90	Peak	104	166	P
3	5350.00	5.02	40.50	45.52	54.00	-8.48	Average	104	166	P
4	5350.00	5.02	53.43	58.45	74.00	-15.55	Peak	104	166	P
5	10520.00	11.89	42.59	54.48	68.20	-13.72	Peak	100	278	P
6	15780.00	13.21	28.63	41.84	54.00	-12.16	Average	100	159	P
7	15780.00	13.21	42.84	56.05	74.00	-17.95	Peak	100	159	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

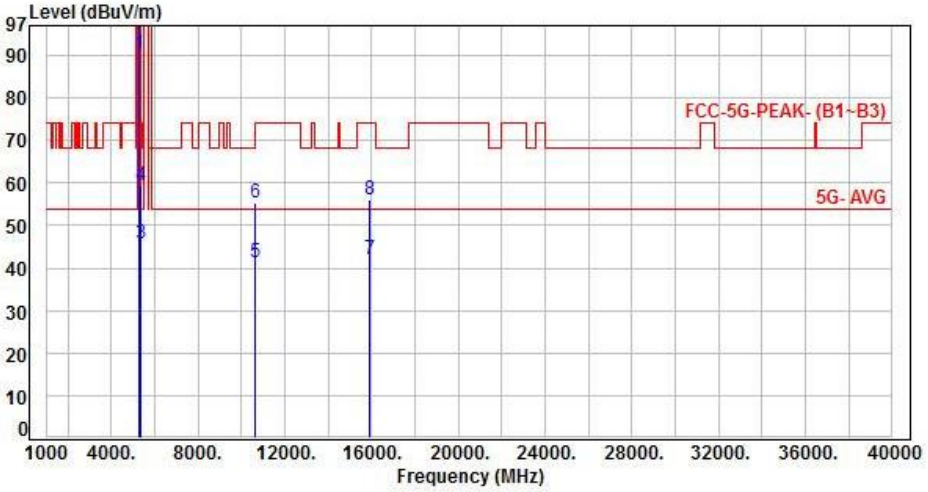
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 2, CH60		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.99	91.35	96.34	200.00	-103.66	Average	305	243	P
2	5300.00	4.99	101.08	106.07	200.00	-93.93	Peak	305	243	P
3	5350.00	5.02	41.86	46.88	54.00	-7.12	Average	305	243	P
4	5350.00	5.02	54.40	59.42	74.00	-14.58	Peak	305	243	P
5	10600.00	12.13	28.95	41.08	54.00	-12.92	Average	100	110	P
6	10600.00	12.13	42.59	54.72	74.00	-19.28	Peak	100	110	P
7	15900.00	13.28	28.80	42.08	54.00	-11.92	Average	100	183	P
8	15900.00	13.28	42.59	55.87	74.00	-18.13	Peak	100	183	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

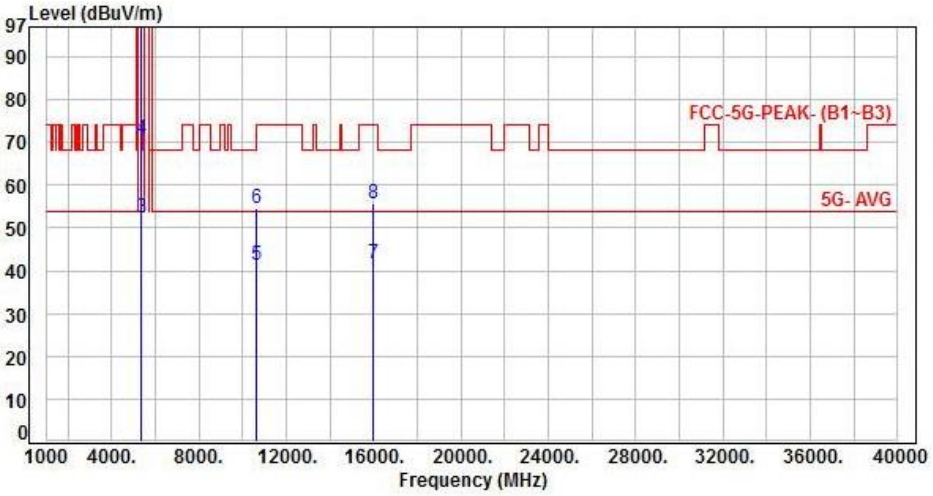
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 2, CH60		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.99	85.50	90.49	200.00	-109.51	Average	108	165	P
2	5300.00	4.99	95.27	100.26	200.00	-99.74	Peak	108	165	P
3	5350.00	5.02	40.88	45.90	54.00	-8.10	Average	108	165	P
4	5350.00	5.02	54.20	59.22	74.00	-14.78	Peak	108	165	P
5	10600.00	12.13	29.33	41.46	54.00	-12.54	Average	100	277	P
6	10600.00	12.13	43.26	55.39	74.00	-18.61	Peak	100	277	P
7	15900.00	13.28	28.71	41.99	54.00	-12.01	Average	100	155	P
8	15900.00	13.28	42.64	55.92	74.00	-18.08	Peak	100	155	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

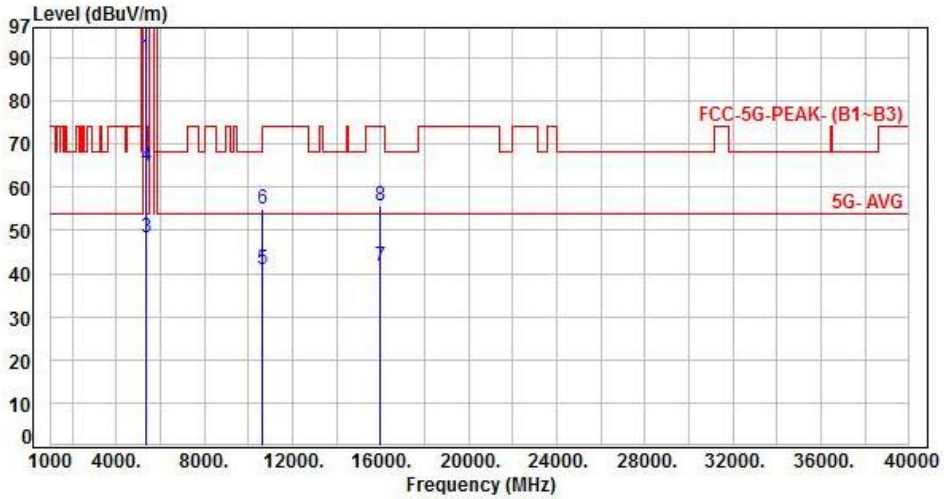
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	5.00	90.12	95.12	200.00	-104.88	Average	304	245	P
2	5320.00	5.00	100.15	105.15	200.00	-94.85	Peak	304	245	P
3	5350.00	5.02	47.38	52.40	54.00	-1.60	Average	304	245	P
4	5350.00	5.02	65.93	70.95	74.00	-3.05	Peak	304	245	P
5	10640.00	12.16	28.99	41.15	54.00	-12.85	Average	100	115	P
6	10640.00	12.16	42.33	54.49	74.00	-19.51	Peak	100	115	P
7	15960.00	12.94	28.58	41.52	54.00	-12.48	Average	100	193	P
8	15960.00	12.94	42.78	55.72	74.00	-18.28	Peak	100	193	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

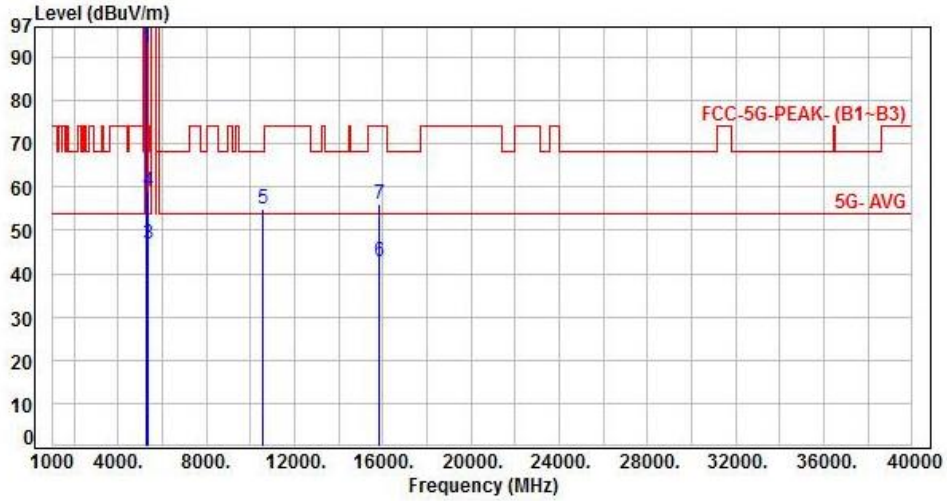
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 2, CH64		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	5.00	84.90	89.90	200.00	-110.10	Average	105	166	P
2	5320.00	5.00	94.66	99.66	200.00	-100.34	Peak	105	166	P
3	5350.00	5.02	43.41	48.43	54.00	-5.57	Average	105	166	P
4	5350.00	5.02	59.97	64.99	74.00	-9.01	Peak	105	166	P
5	10640.00	12.16	28.89	41.05	54.00	-12.95	Average	100	278	P
6	10640.00	12.16	42.79	54.95	74.00	-19.05	Peak	100	278	P
7	15960.00	12.94	28.59	41.53	54.00	-12.47	Average	100	157	P
8	15960.00	12.94	42.76	55.70	74.00	-18.30	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

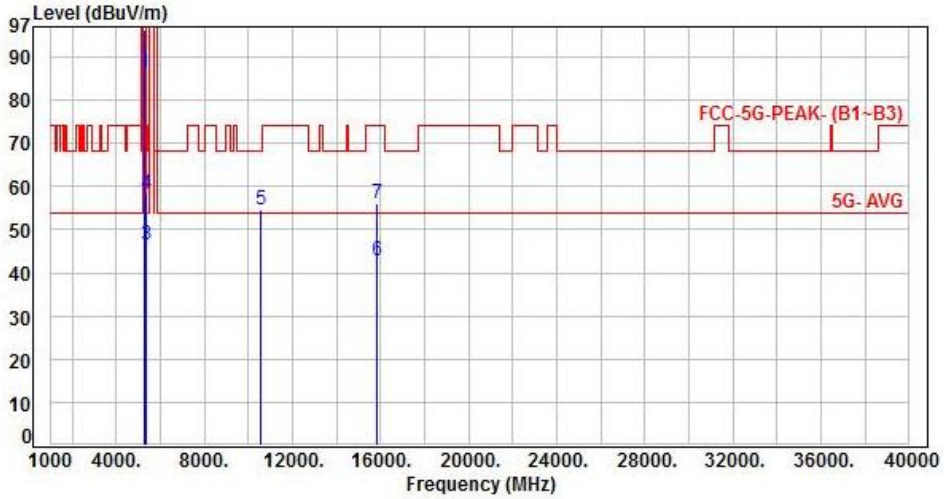
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 2, CH54		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	4.92	87.31	92.23	200.00	-107.77	Average	311	245	P
2	5270.00	4.92	96.86	101.78	200.00	-98.22	Peak	311	245	P
3	5350.00	5.02	41.81	46.83	54.00	-7.17	Average	311	245	P
4	5350.00	5.02	53.83	58.85	74.00	-15.15	Peak	311	245	P
5	10540.00	11.95	43.12	55.07	68.20	-13.13	Peak	100	113	P
6	15810.00	13.24	29.65	42.89	54.00	-11.11	Average	100	189	P
7	15810.00	13.24	42.86	56.10	74.00	-17.90	Peak	100	189	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

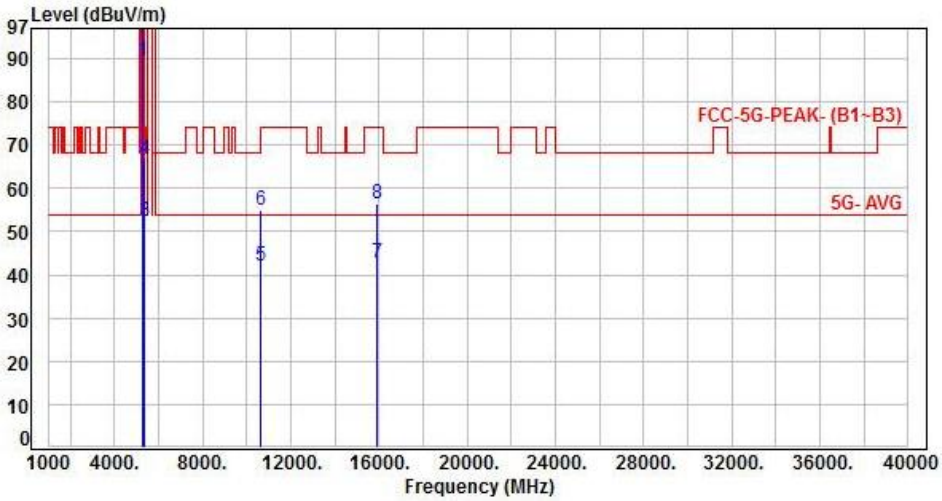
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 2, CH54		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	4.92	81.44	86.36	200.00	-113.64	Average	149	148	P
2	5270.00	4.92	91.37	96.29	200.00	-103.71	Peak	149	148	P
3	5350.00	5.02	41.48	46.50	54.00	-7.50	Average	149	148	P
4	5350.00	5.02	53.20	58.22	74.00	-15.78	Peak	149	148	P
5	10540.00	11.95	42.75	54.70	68.20	-13.50	Peak	100	276	P
6	15810.00	13.24	29.48	42.72	54.00	-11.28	Average	100	157	P
7	15810.00	13.24	42.69	55.93	74.00	-18.07	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

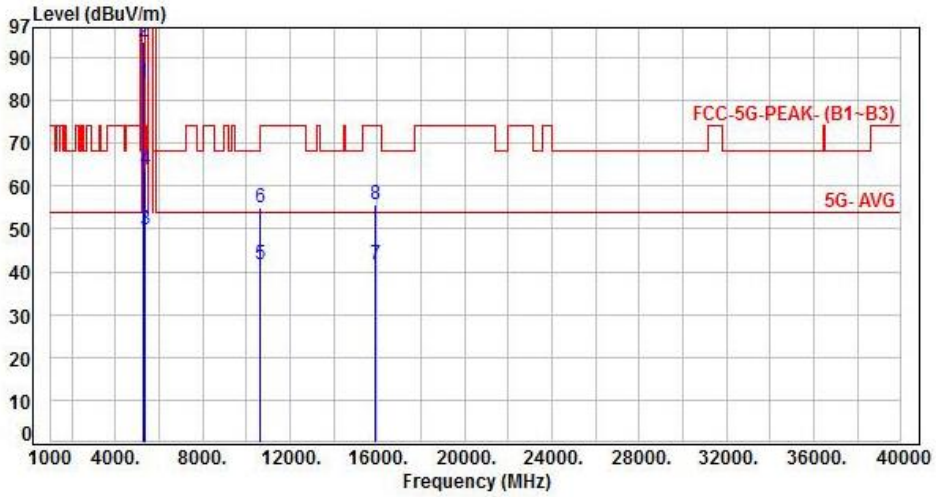
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 2, CH62		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	5.00	84.66	89.66	200.00	-110.34	Average	260	246	P
2	5310.00	5.00	94.04	99.04	200.00	-100.96	Peak	260	246	P
3	5350.00	5.02	47.24	52.26	54.00	-1.74	Average	260	246	P
4	5350.00	5.02	61.67	66.69	74.00	-7.31	Peak	260	246	P
5	10620.00	12.15	29.86	42.01	54.00	-11.99	Average	100	116	P
6	10620.00	12.15	42.77	54.92	74.00	-19.08	Peak	100	116	P
7	15930.00	13.11	29.52	42.63	54.00	-11.37	Average	100	188	P
8	15930.00	13.11	43.28	56.39	74.00	-17.61	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

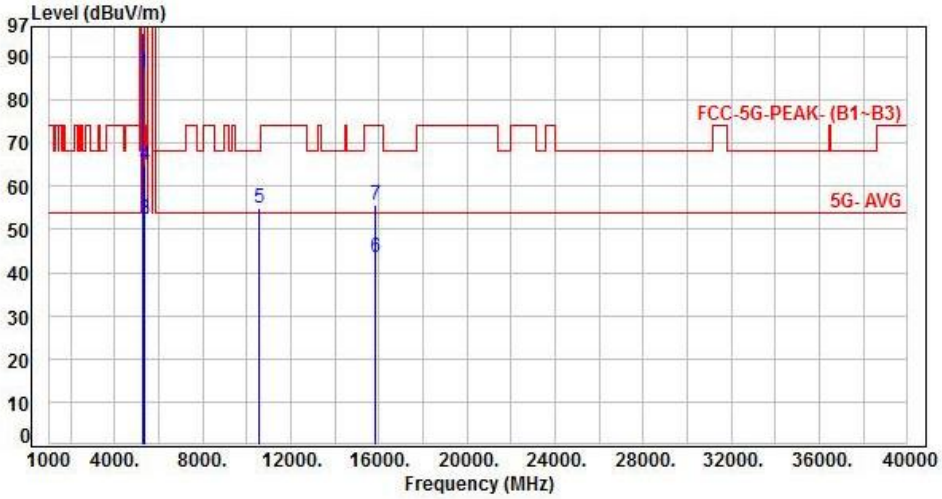
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 2, CH62		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	5.00	78.95	83.95	200.00	-116.05	Average	100	149	P
2	5310.00	5.00	88.55	93.55	200.00	-106.45	Peak	100	149	P
3	5350.00	5.02	44.65	49.67	54.00	-4.33	Average	100	149	P
4	5350.00	5.02	58.93	63.95	74.00	-10.05	Peak	100	149	P
5	10620.00	12.15	29.59	41.74	54.00	-12.26	Average	100	279	P
6	10620.00	12.15	42.83	54.98	74.00	-19.02	Peak	100	279	P
7	15930.00	13.11	28.55	41.66	54.00	-12.34	Average	100	162	P
8	15930.00	13.11	42.63	55.74	74.00	-18.26	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

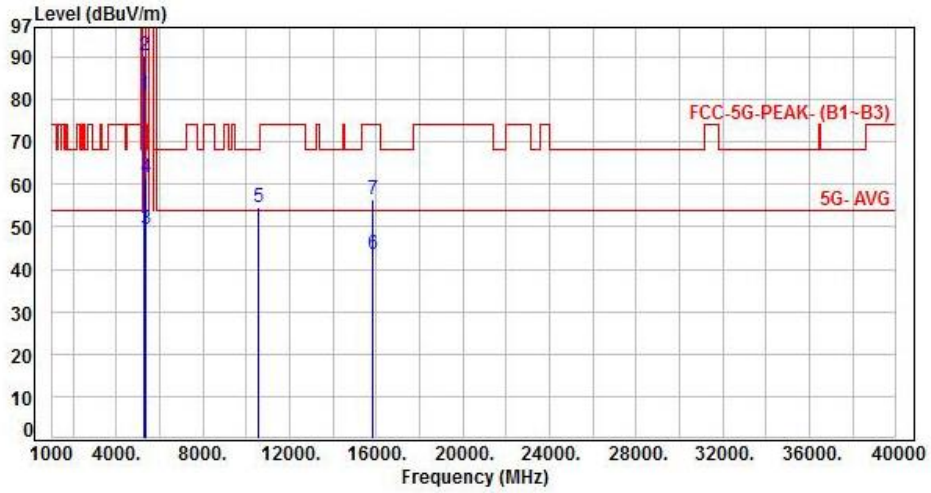
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH58		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	4.97	81.50	86.47	200.00	-113.53	Average	308	241	P
2	5290.00	4.97	90.64	95.61	200.00	-104.39	Peak	308	241	P
3	5350.00	5.02	47.51	52.53	54.00	-1.47	Average	308	241	P
4	5350.00	5.02	60.03	65.05	74.00	-8.95	Peak	308	241	P
5	10580.00	12.07	42.71	54.78	68.20	-13.42	Peak	100	110	P
6	15870.00	13.27	30.26	43.53	54.00	-10.47	Average	100	185	P
7	15870.00	13.27	42.42	55.69	74.00	-18.31	Peak	100	185	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

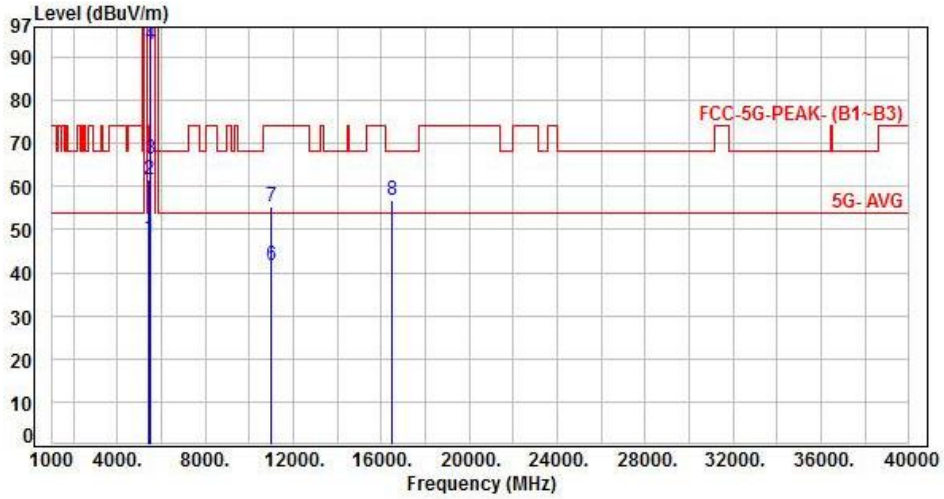
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 2, CH58		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	4.97	76.01	80.98	200.00	-119.02	Average	113	148	P
2	5290.00	4.97	85.26	90.23	200.00	-109.77	Peak	113	148	P
3	5350.00	5.02	44.32	49.34	54.00	-4.66	Average	113	148	P
4	5350.00	5.02	56.44	61.46	74.00	-12.54	Peak	113	148	P
5	10580.00	12.07	42.65	54.72	68.20	-13.48	Peak	100	278	P
6	15870.00	13.27	30.31	43.58	54.00	-10.42	Average	100	157	P
7	15870.00	13.27	43.31	56.58	74.00	-17.42	Peak	100	157	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

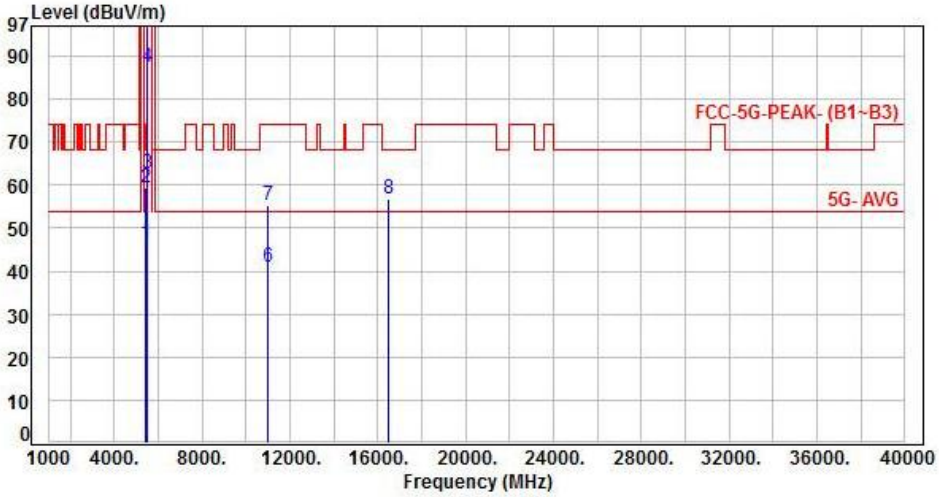
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 3, CH100		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	42.59	47.99	54.00	-6.01	Average	286	254	P
2	5460.00	5.40	56.10	61.50	74.00	-12.50	Peak	286	254	P
3	5470.00	5.40	60.91	66.31	68.20	-1.89	Peak	286	254	P
4	5500.00	5.42	87.62	93.04	200.00	-106.96	Average	286	254	P
5	5500.00	5.42	96.92	102.34	200.00	-97.66	Peak	286	254	P
6	11000.00	12.51	29.06	41.57	54.00	-12.43	Average	100	118	P
7	11000.00	12.51	42.85	55.36	74.00	-18.64	Peak	100	118	P
8	16500.00	14.23	42.44	56.67	68.20	-11.53	Peak	100	184	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

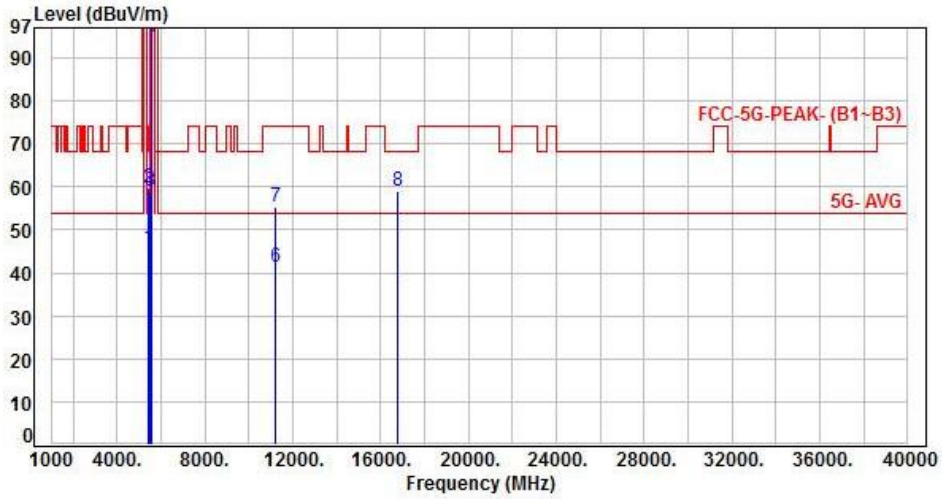
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3, CH100		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	41.21	46.61	54.00	-7.39	Average	162	151	P
2	5460.00	5.40	53.97	59.37	74.00	-14.63	Peak	162	151	P
3	5470.00	5.40	57.37	62.77	68.20	-5.43	Peak	162	151	P
4	5500.00	5.42	81.92	87.34	200.00	-112.66	Average	162	151	P
5	5500.00	5.42	91.24	96.66	200.00	-103.34	Peak	162	151	P
6	11000.00	12.51	28.45	40.96	54.00	-13.04	Average	100	276	P
7	11000.00	12.51	42.71	55.22	74.00	-18.78	Peak	100	276	P
8	16500.00	14.23	42.49	56.72	68.20	-11.48	Peak	100	154	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

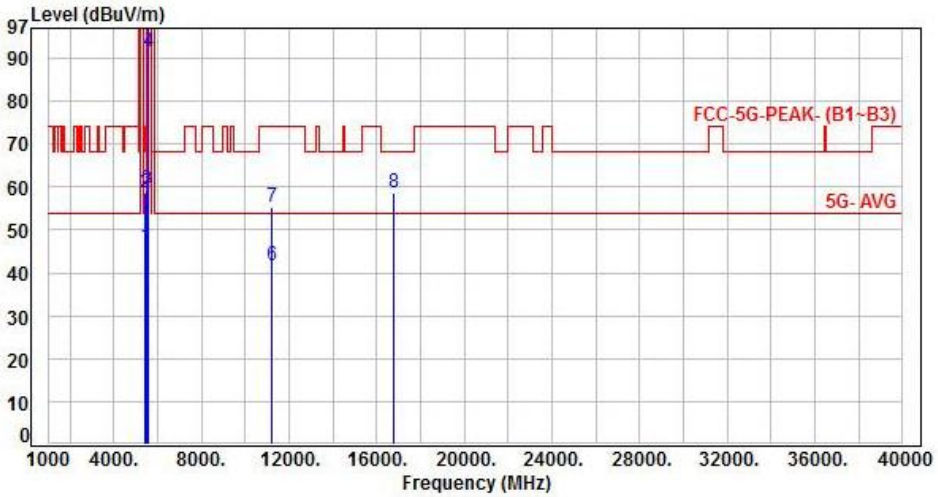
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 3, CH120		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	40.42	45.82	54.00	-8.18	Average	292	273	P
2	5460.00	5.40	54.44	59.84	74.00	-14.16	Peak	292	273	P
3	5470.00	5.40	53.75	59.15	68.20	-9.05	Peak	292	273	P
4	5600.00	5.28	89.48	94.76	200.00	-105.24	Average	292	273	P
5	5600.00	5.28	98.54	103.82	200.00	-96.18	Peak	292	273	P
6	11200.00	12.72	28.69	41.41	54.00	-12.59	Average	100	107	P
7	11200.00	12.72	42.46	55.18	74.00	-18.82	Peak	100	107	P
8	16800.00	16.26	42.74	59.00	68.20	-9.20	Peak	100	192	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

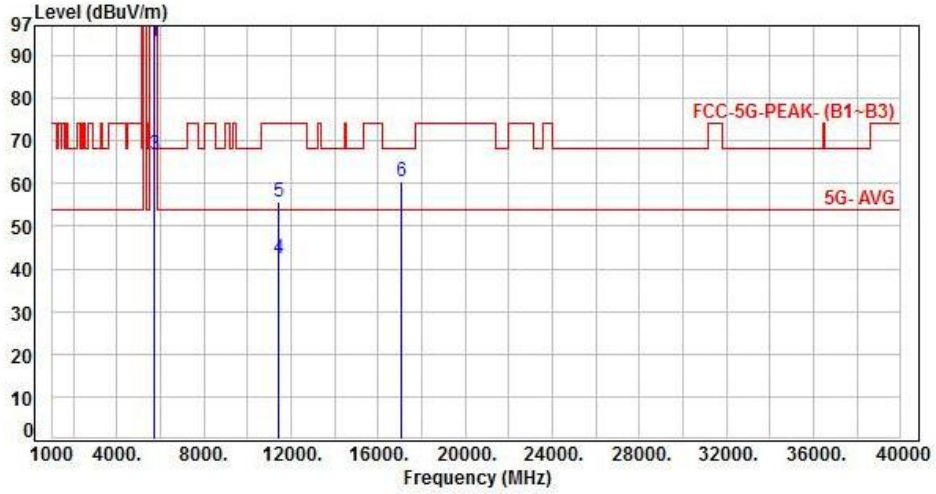
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3, CH120		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	40.82	46.22	54.00	-7.78	Average	119	74	P
2	5460.00	5.40	53.15	58.55	74.00	-15.45	Peak	119	74	P
3	5470.00	5.40	53.99	59.39	68.20	-8.81	Peak	119	74	P
4	5600.00	5.28	86.22	91.50	200.00	-108.50	Average	119	74	P
5	5600.00	5.28	95.09	100.37	200.00	-99.63	Peak	119	74	P
6	11200.00	12.72	28.95	41.67	54.00	-12.33	Average	100	275	P
7	11200.00	12.72	42.60	55.32	74.00	-18.68	Peak	100	275	P
8	16800.00	16.26	42.39	58.65	68.20	-9.55	Peak	100	155	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

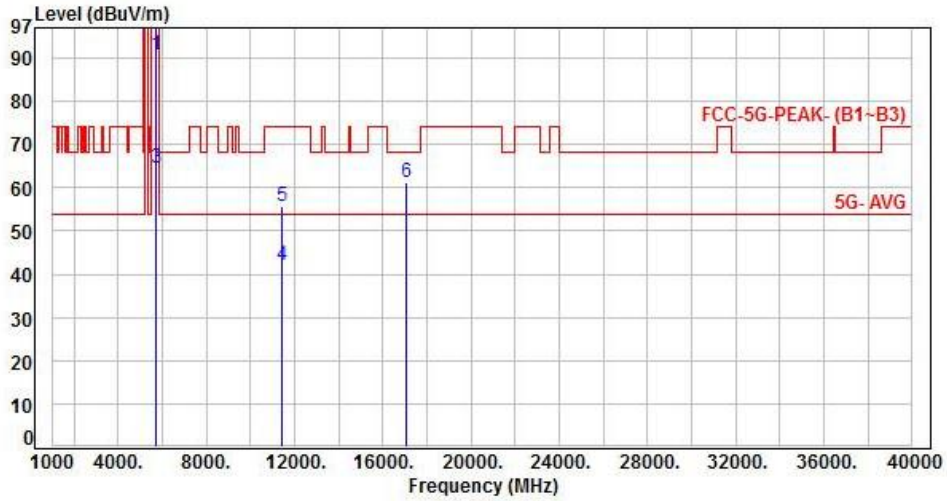
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.22	88.16	93.38	200.00	-106.62	Average	326	249	P
2	5700.00	5.22	97.57	102.79	200.00	-97.21	Peak	326	249	P
3	5725.00	5.29	61.38	66.67	68.20	-1.53	Peak	326	249	P
4	11400.00	13.04	29.21	42.25	54.00	-11.75	Average	100	112	P
5	11400.00	13.04	42.68	55.72	74.00	-18.28	Peak	100	112	P
6	17100.00	17.83	42.55	60.38	68.20	-7.82	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

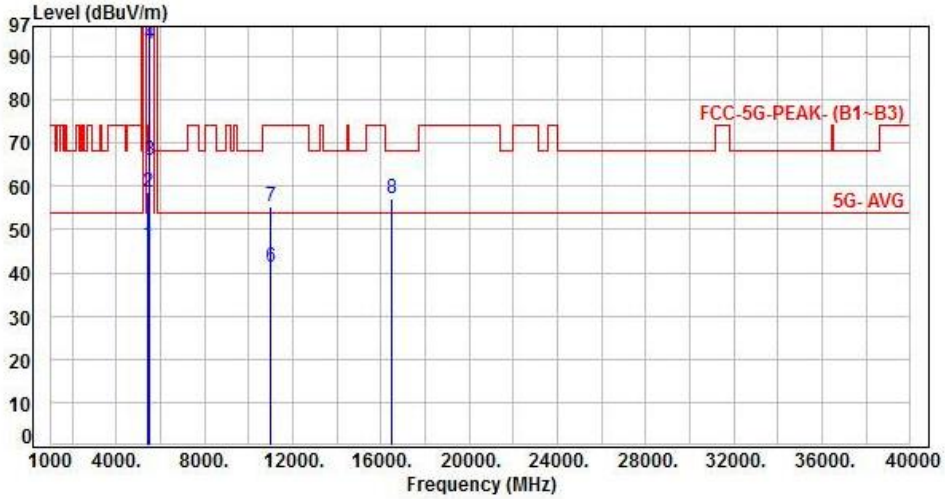
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.22	85.64	90.86	200.00	-109.14	Average	114	67	P
2	5700.00	5.22	94.73	99.95	200.00	-100.05	Peak	114	67	P
3	5725.00	5.29	59.09	64.38	68.20	-3.82	Peak	114	67	P
4	11400.00	13.04	29.04	42.08	54.00	-11.92	Average	100	274	P
5	11400.00	13.04	42.63	55.67	74.00	-18.33	Peak	100	274	P
6	17100.00	17.83	43.28	61.11	68.20	-7.09	Peak	100	158	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

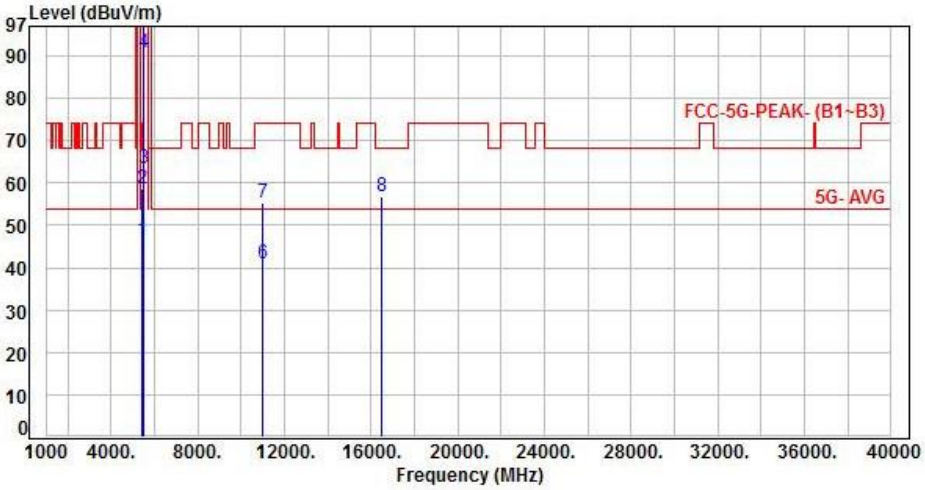
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 3, CH100		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	41.20	46.60	54.00	-7.40	Average	390	240	P
2	5460.00	5.40	53.33	58.73	74.00	-15.27	Peak	390	240	P
3	5470.00	5.40	60.57	65.97	68.20	-2.23	Peak	390	240	P
4	5500.00	5.42	87.58	93.00	200.00	-107.00	Average	390	240	P
5	5500.00	5.42	97.18	102.60	200.00	-97.40	Peak	390	240	P
6	11000.00	12.51	28.63	41.14	54.00	-12.86	Average	100	116	P
7	11000.00	12.51	42.88	55.39	74.00	-18.61	Peak	100	116	P
8	16500.00	14.23	42.85	57.08	68.20	-11.12	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

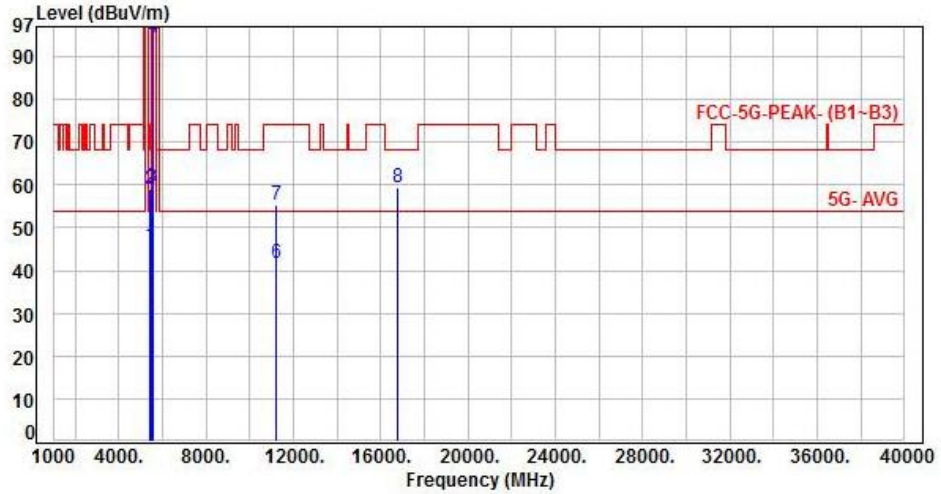
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 3, CH100		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	41.23	46.63	54.00	-7.37	Average	354	71	P
2	5460.00	5.40	53.14	58.54	74.00	-15.46	Peak	354	71	P
3	5470.00	5.40	58.05	63.45	68.20	-4.75	Peak	354	71	P
4	5500.00	5.42	85.22	90.64	200.00	-109.36	Average	354	71	P
5	5500.00	5.42	94.72	100.14	200.00	-99.86	Peak	354	71	P
6	11000.00	12.51	28.55	41.06	54.00	-12.94	Average	100	277	P
7	11000.00	12.51	42.97	55.48	74.00	-18.52	Peak	100	277	P
8	16500.00	14.23	42.58	56.81	68.20	-11.39	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

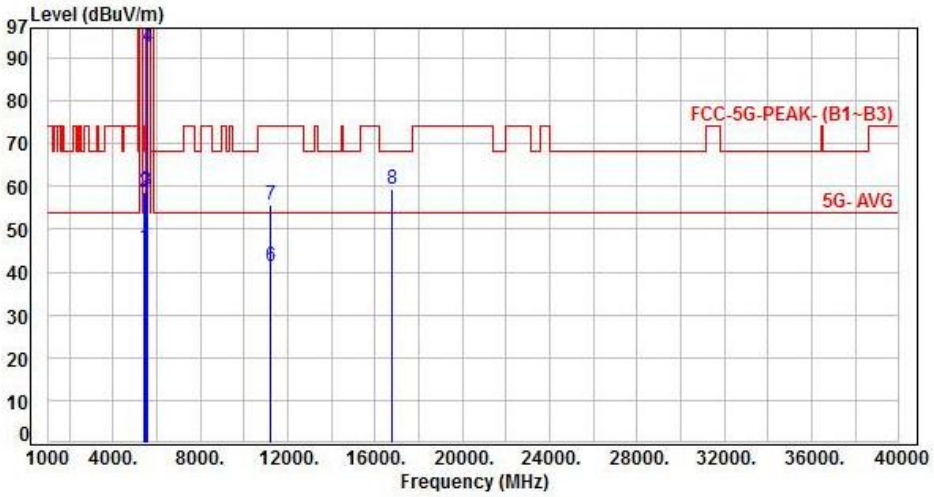
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 3, CH120		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	40.45	45.85	54.00	-8.15	Average	397	269	P
2	5460.00	5.40	53.49	58.89	74.00	-15.11	Peak	397	269	P
3	5470.00	5.40	53.80	59.20	68.20	-9.00	Peak	397	269	P
4	5600.00	5.28	89.25	94.53	200.00	-105.47	Average	397	269	P
5	5600.00	5.28	98.65	103.93	200.00	-96.07	Peak	397	269	P
6	11200.00	12.72	28.99	41.71	54.00	-12.29	Average	100	108	P
7	11200.00	12.72	42.64	55.36	74.00	-18.64	Peak	100	108	P
8	16800.00	16.26	43.20	59.46	68.20	-8.74	Peak	100	194	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

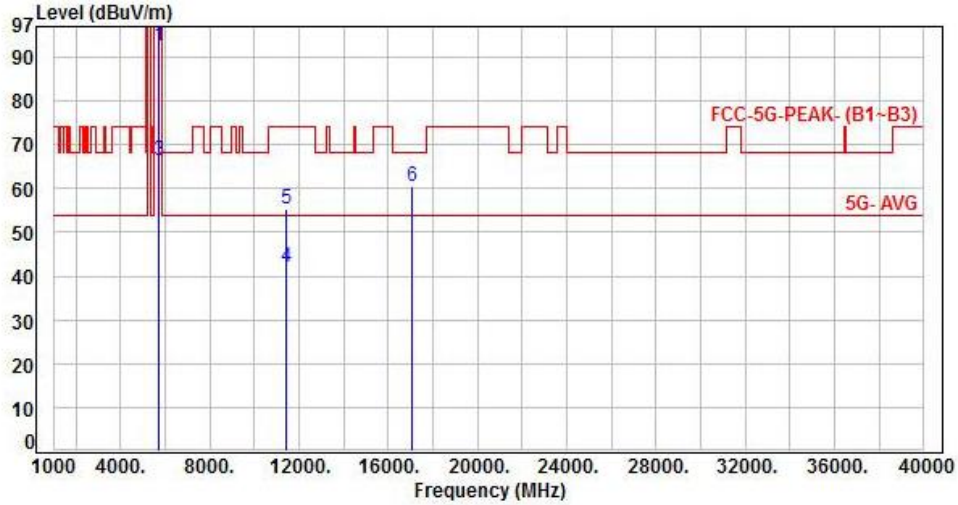
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 3, CH120		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	40.47	45.87	54.00	-8.13	Average	395	75	P
2	5460.00	5.40	53.26	58.66	74.00	-15.34	Peak	395	75	P
3	5470.00	5.40	53.60	59.00	68.20	-9.20	Peak	395	75	P
4	5600.00	5.28	87.32	92.60	200.00	-107.40	Average	395	75	P
5	5600.00	5.28	97.01	102.29	200.00	-97.71	Peak	395	75	P
6	11200.00	12.72	28.60	41.32	54.00	-12.68	Average	100	276	P
7	11200.00	12.72	42.86	55.58	74.00	-18.42	Peak	100	276	P
8	16800.00	16.26	42.98	59.24	68.20	-8.96	Peak	100	161	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

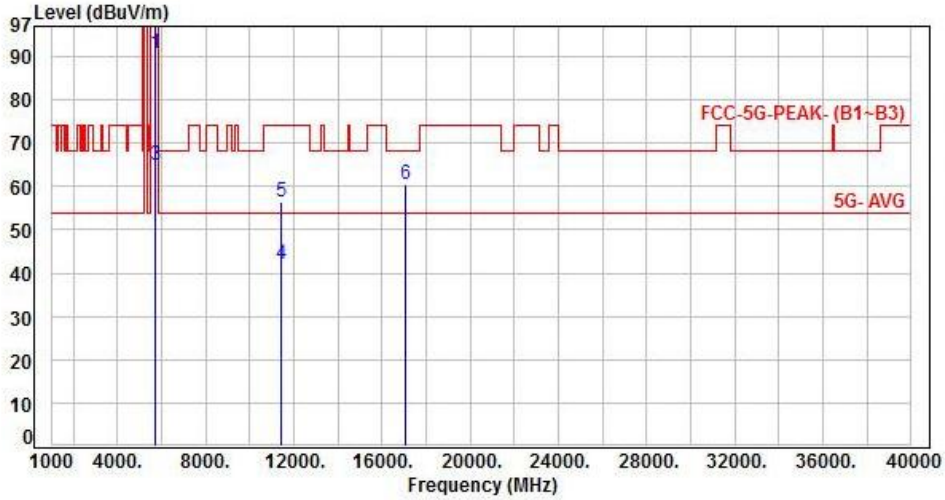
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 4, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.22	87.31	92.53	200.00	-107.47	Average	400	272	P
2	5700.00	5.22	97.25	102.47	200.00	-97.53	Peak	400	272	P
3	5725.00	5.29	61.27	66.56	68.20	-1.64	Peak	400	272	P
4	11400.00	13.04	29.17	42.21	54.00	-11.79	Average	100	112	P
5	11400.00	13.04	42.37	55.41	74.00	-18.59	Peak	100	112	P
6	17100.00	17.83	42.68	60.51	68.20	-7.69	Peak	100	188	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

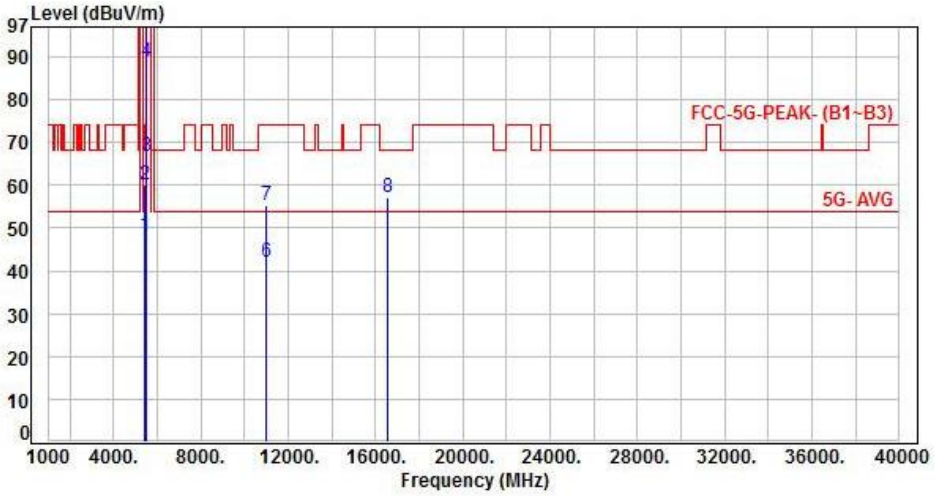
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 4, Band 3, CH140		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.22	85.50	90.72	200.00	-109.28	Average	389	67	P
2	5700.00	5.22	94.89	100.11	200.00	-99.89	Peak	389	67	P
3	5725.00	5.29	59.58	64.87	68.20	-3.33	Peak	389	67	P
4	11400.00	13.04	28.97	42.01	54.00	-11.99	Average	100	270	P
5	11400.00	13.04	43.28	56.32	74.00	-17.68	Peak	100	270	P
6	17100.00	17.83	42.65	60.48	68.20	-7.72	Peak	100	155	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

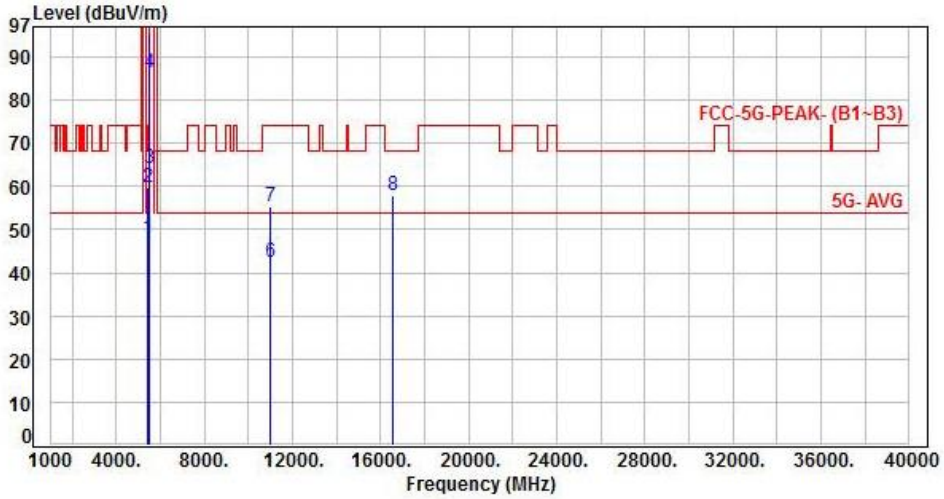
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH102		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	42.97	48.37	54.00	-5.63	Average	350	266	P
2	5460.00	5.40	54.63	60.03	74.00	-13.97	Peak	350	266	P
3	5470.00	5.40	61.36	66.76	68.20	-1.44	Peak	350	266	P
4	5510.00	5.43	83.57	89.00	200.00	-111.00	Average	350	266	P
5	5510.00	5.43	92.84	98.27	200.00	-101.73	Peak	350	266	P
6	11020.00	12.54	29.44	41.98	54.00	-12.02	Average	100	115	P
7	11020.00	12.54	42.67	55.21	74.00	-18.79	Peak	100	115	P
8	16530.00	14.54	42.61	57.15	68.20	-11.05	Peak	100	186	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

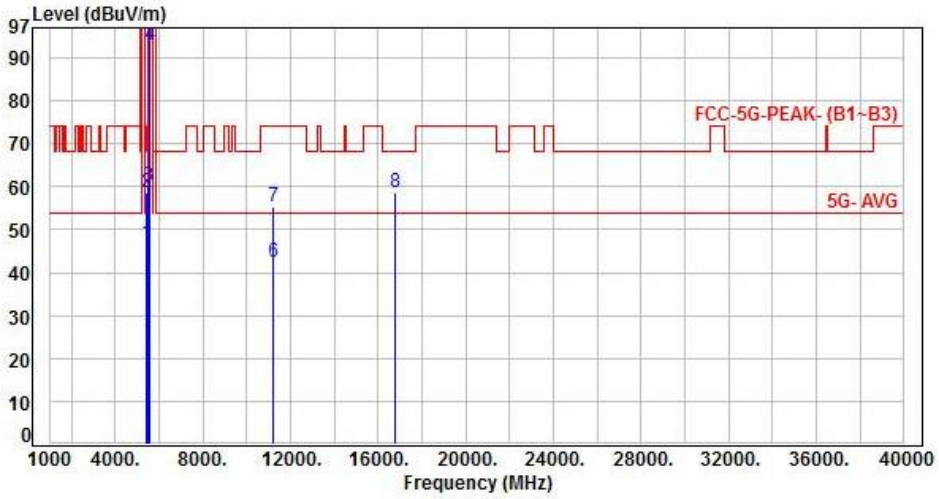
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH102		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	42.47	47.87	54.00	-6.13	Average	370	76	P
2	5460.00	5.40	54.43	59.83	74.00	-14.17	Peak	370	76	P
3	5470.00	5.40	58.72	64.12	68.20	-4.08	Peak	370	76	P
4	5510.00	5.43	80.75	86.18	200.00	-113.82	Average	370	76	P
5	5510.00	5.43	90.23	95.66	200.00	-104.34	Peak	370	76	P
6	11020.00	12.54	29.69	42.23	54.00	-11.77	Average	100	272	P
7	11020.00	12.54	42.64	55.18	74.00	-18.82	Peak	100	272	P
8	16530.00	14.54	43.25	57.79	68.20	-10.41	Peak	100	152	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

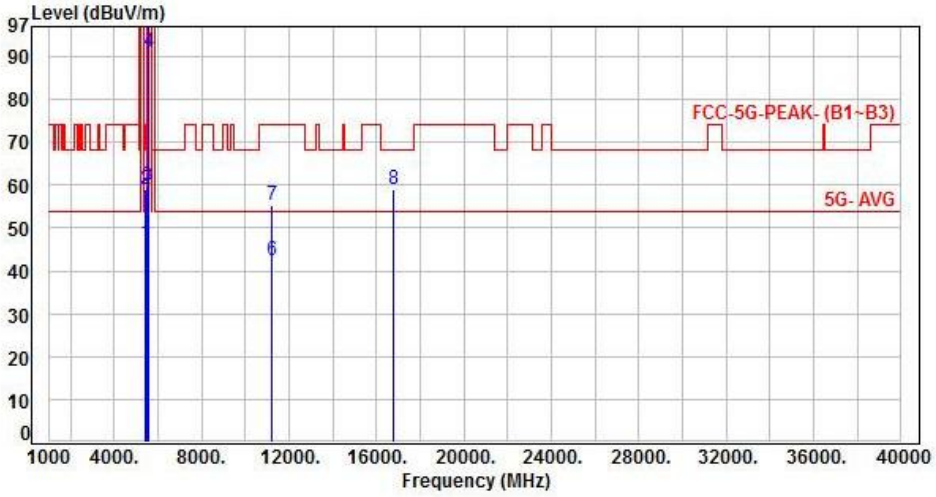
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH118		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	41.45	46.85	54.00	-7.15	Average	291	248	P
2	5460.00	5.40	53.24	58.64	74.00	-15.36	Peak	291	248	P
3	5470.00	5.40	54.62	60.02	68.20	-8.18	Peak	291	248	P
4	5590.00	5.31	87.59	92.90	200.00	-107.10	Average	291	248	P
5	5590.00	5.31	97.20	102.51	200.00	-97.49	Peak	291	248	P
6	11180.00	12.71	29.72	42.43	54.00	-11.57	Average	100	109	P
7	11180.00	12.71	42.76	55.47	74.00	-18.53	Peak	100	109	P
8	16770.00	16.03	42.72	58.75	68.20	-9.45	Peak	100	194	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

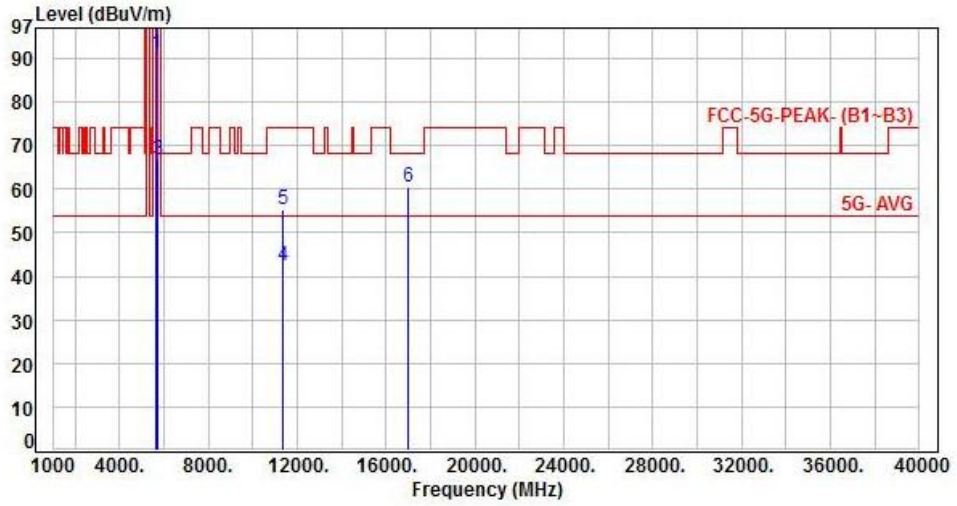
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH118		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	40.98	46.38	54.00	-7.62	Average	384	72	P
2	5460.00	5.40	53.55	58.95	74.00	-15.05	Peak	384	72	P
3	5470.00	5.40	54.24	59.64	68.20	-8.56	Peak	384	72	P
4	5590.00	5.31	85.64	90.95	200.00	-109.05	Average	384	72	P
5	5590.00	5.31	95.44	100.75	200.00	-99.25	Peak	384	72	P
6	11180.00	12.71	29.58	42.29	54.00	-11.71	Average	100	275	P
7	11180.00	12.71	42.49	55.20	74.00	-18.80	Peak	100	275	P
8	16770.00	16.03	42.88	58.91	68.20	-9.29	Peak	100	155	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

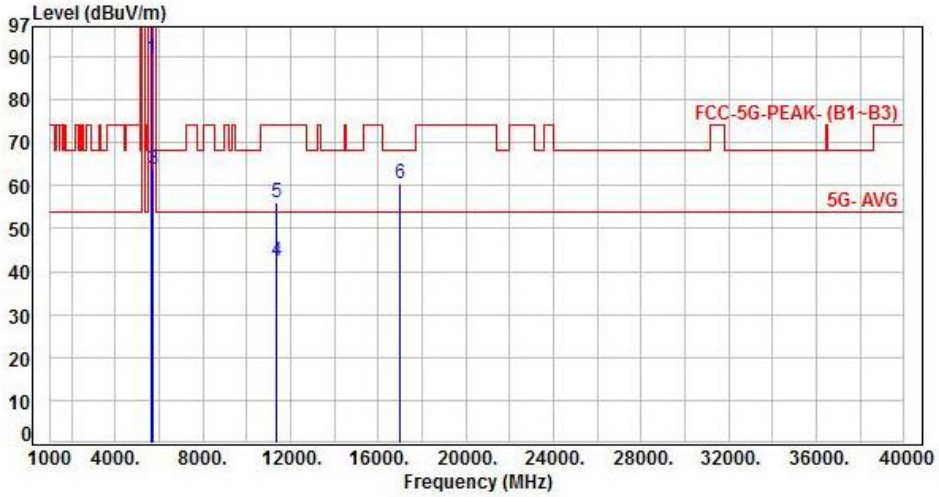
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH134		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	5.21	85.71	90.92	200.00	-109.08	Average	300	245	P
2	5670.00	5.21	95.20	100.41	200.00	-99.59	Peak	300	245	P
3	5725.00	5.29	61.32	66.61	68.20	-1.59	Peak	300	245	P
4	11340.00	12.89	29.67	42.56	54.00	-11.44	Average	100	116	P
5	11340.00	12.89	42.48	55.37	74.00	-18.63	Peak	100	116	P
6	17010.00	17.70	42.92	60.62	68.20	-7.58	Peak	100	187	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

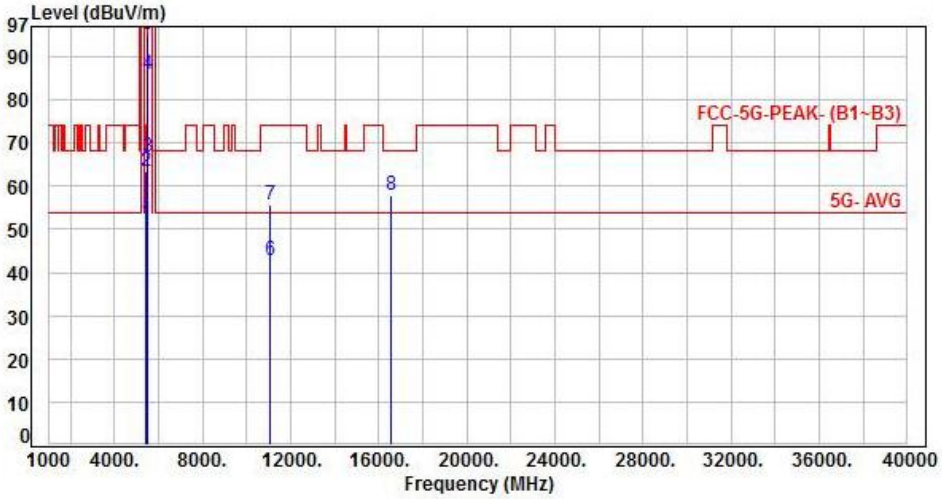
Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH134		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	5.21	84.53	89.74	200.00	-110.26	Average	394	69	P
2	5670.00	5.21	93.72	98.93	200.00	-101.07	Peak	394	69	P
3	5725.00	5.29	58.49	63.78	68.20	-4.42	Peak	394	69	P
4	11340.00	12.89	29.57	42.46	54.00	-11.54	Average	100	271	P
5	11340.00	12.89	43.20	56.09	74.00	-17.91	Peak	100	271	P
6	17010.00	17.70	42.93	60.63	68.20	-7.57	Peak	100	162	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

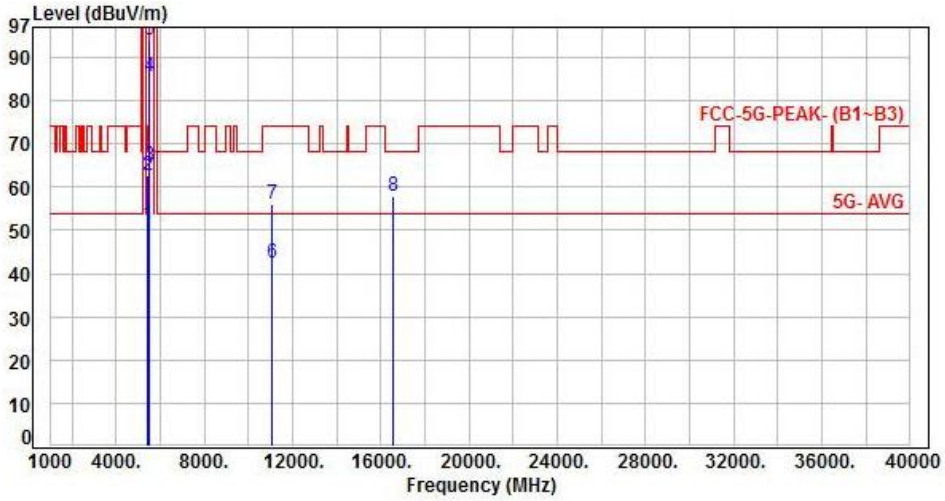
Power	:	AC 120V / 60Hz	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH106		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	46.15	51.55	54.00	-2.45	Average	333	274	P
2	5460.00	5.40	58.13	63.53	74.00	-10.47	Peak	333	274	P
3	5470.00	5.40	61.48	66.88	68.20	-1.32	Peak	333	274	P
4	5530.00	5.44	80.68	86.12	200.00	-113.88	Average	333	274	P
5	5530.00	5.44	89.69	95.13	200.00	-104.87	Peak	333	274	P
6	11060.00	12.61	30.20	42.81	54.00	-11.19	Average	100	110	P
7	11060.00	12.61	43.23	55.84	74.00	-18.16	Peak	100	110	P
8	16590.00	15.14	42.83	57.97	68.20	-10.23	Peak	100	184	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor

Power	:	AC 120V / 60Hz	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH106		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.40	45.88	51.28	54.00	-2.72	Average	353	69	P
2	5460.00	5.40	57.44	62.84	74.00	-11.16	Peak	353	69	P
3	5470.00	5.40	59.40	64.80	68.20	-3.40	Peak	353	69	P
4	5530.00	5.44	79.95	85.39	200.00	-114.61	Average	353	69	P
5	5530.00	5.44	88.49	93.93	200.00	-106.07	Peak	353	69	P
6	11060.00	12.61	29.97	42.58	54.00	-11.42	Average	100	274	P
7	11060.00	12.61	43.31	55.92	74.00	-18.08	Peak	100	274	P
8	16590.00	15.14	42.71	57.85	68.20	-10.35	Peak	100	160	P

Note: Level=Reading+Factor
Margin=Level-Limit
Factor=Antenna Factor + cable loss - Amplifier Factor