



FCC RADIO TEST REPORT

Applicant : Ubiquiti Inc.
Address : 685 Third Avenue, New York, New York 10017,
USA
Equipment : Magic PoE
Model No. : UACC-M-PoE
Trade Name : UBIQUITI
FCC ID : SWX-UAMP

I HEREBY CERTIFY THAT :

The sample was received on Jun. 17, 2022 and the testing was completed on Aug. 02, 2022 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Supervisor

Laboratory Accreditation:

CerpPASS Technology Corporation Test Laboratory





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History of this test report

Report No.	Issued Date	Description
22060120-TRFCC03	Aug. 02, 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.



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	BLE: 2400-2483.5MHz 802.11b/g/n: 2400-2483.5MHz 802.11a/n/ac: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5875MHz
Center Frequency Range	BLE: 2402MHz-2480MHz 802.11b/g/n: 2412MHz-2462MHz 802.11a/n/ac: 5180-5240MHz, 5260-5320MHz, 5500-5700MHz, 5745-5825MHz
Modulation Type	BLE: GFSK WLAN: 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 5GHz: 802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM
Modulation Technology	DSSS, OFDM, DTS
Data Rate	BLE: GFSK: 1Mbps WLAN: 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80
Antenna Type	For BLE: PIFA Antenna For WLAN: Dipole Antenna
Antenna Gain	For BLE: 2400-2483.5MHz: ANT C: -1.00dBi For WLAN: 2400-2483.5MHz: ANT A: 3.50dBi, ANT B: 3.50dBi 5150-5850MHz: ANT A: 5.00dBi, ANT B: 5.00dBi
Power Cord	Brand: SHEN ZHEN GOSPELL DIGITAL TECHNOLOGY CO.,LTD Model: CH-331C+CH-706

Note:

1. EUT support TPC Function.
2. WLAN 2.4G and WLAN 5G can simultaneously transmission.
3. EUT support 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	*116	5580
104	5520	132	5660
108	5540	136	5680
112	5560	*140	5700

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
*102	5510	*134	5670
*110	5550		

802.11ac VHT80

Channel	Frequency(MHz)
*106	5530



Band 3: Straddle Channel

802.11a, 802.11n HT 20, 802.11ac VHT20

Channel	Frequency(MHz)
*144	5720

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)
*142	5710

802.11ac VHT80

Channel	Frequency(MHz)
*138	5690

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, " QRCT ver.4.0.00193.0" 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	Normal Mode
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiation Emissions (Below 1GHz)	
Test Mode	Operating Description
1	Normal Mode
caused "Test Mode 1" 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:

There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.

For AC Power Line Conducted Emission, AC 240V / 60Hz is worst case.

For Radiated Spurious Emission(Below 1GHz), AC 120V / 60Hz is worst case.

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11a	2TX
802.11n HT20	2TX
802.11n HT40	2TX
802.11ac VHT20	2TX
802.11ac VHT40	2TX
802.11ac VHT80	2TX



2.4. Description of Test System

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	15m / NS	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5470	N/A	Adapter / 1.8m / NS
UDM Pro SE	UBIQUITI	UDM Pro SE	N/A	N/A
U6 Pro	UBIQUITI	U6 Pro	N/A	N/A
RJ45 Cable*3	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	CAT5E	15m / NS	N/A
Mobile Phone	MI	M1906G7G	N/A	N/A
camera	UBIQUITI	G3 FLEX	N/A	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	2022/07/06~2022/08/02	23.1~27.5°C / 41~57%	Dian Chen
Radiated Emissions	3M02-NK	2022/07/05~2022/07/13	20~24°C / 39~43%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/07/06	24°C / 61%	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)	±5.7dB
Radiated Spurious Emission(1GHz~40GHz)	±6.8dB
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	±1.2%
Frequency Stability	±0.21KHz



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	2022/05/25	2023/05/24
Horn Antenna	EMCO	3115	31601	2021/10/14	2022/10/13
Horn Antenna	EMCO	3116	31974	2021/10/04	2022/10/03
EMI Receiver	ROHDE & SCHWARZ	ESCI	100821	2021/11/16	2022/11/15
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/08/06	2022/08/05
Preamplifier	Agilent	8449B	3008A01954	2022/03/17	2023/03/16
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2021/11/16	2022/11/15
Preamplifier	EM Electronics corp.	EM330	60658	2021/10/13	2022/10/12
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2022/03/21	2023/03/20
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY4569/2	2021/09/03	2022/09/02
Cable-1m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY5739/2	2021/09/03	2022/09/02
Cable-6m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY5740/2	2021/09/03	2022/09/02
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2022/01/11	2023/01/10
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2022/01/11	2023/01/10
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2022/04/25	2023/04/24
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
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Power Meter	Anritsu	ML2495A	1224005	2022/04/12	2023/04/11
Power Sensor	Anritsu	MA2411B	1207295	2022/04/12	2023/04/11
Attenuator	KEYSIGHT	8491B	MY39250705	2021/08/19	2022/09/26



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	8127-516	2021/10/05	2022/10/04
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101933	2021/09/15	2022/09/14
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
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	Dipole Antenna
Antenna Gain	5150-5850MHz: ANT A: 5.00dBi, ANT B: 5.00dBi

5150MHz -5850MHz
For Power directional gain= $G_{ant}= 5.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 8.01 (dBi)

*MIMO type: Cyclic Delay Diversity (CDD) mode.



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 (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

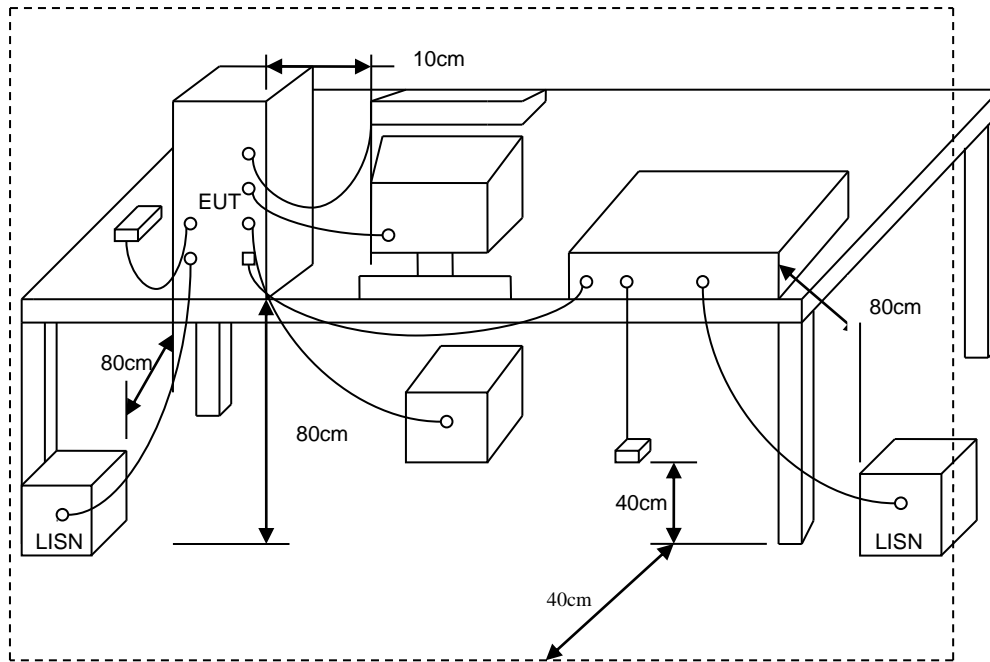
*Decreases with the logarithm of the frequency.

5.2. Test Procedures

- 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.
- Connect EUT to the power mains through a line impedance stabilization network (LISN).
- All the support units are connecting to the other LISN.
- The LISN provides 50 ohm coupling impedance for the measuring instrument.
- The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- Both sides of AC line were checked for maximum conducted interference.
- The frequency range from 150 kHz to 30 MHz was searched.
- Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



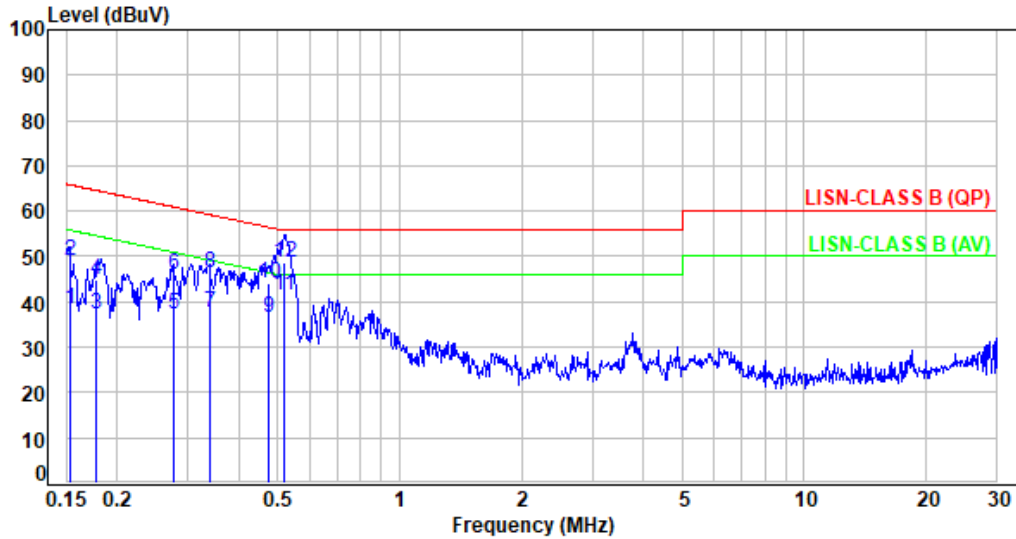
5.3. Typical Test Setup





5.4. Test Result and Data

Power	: AC 240V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 1		:

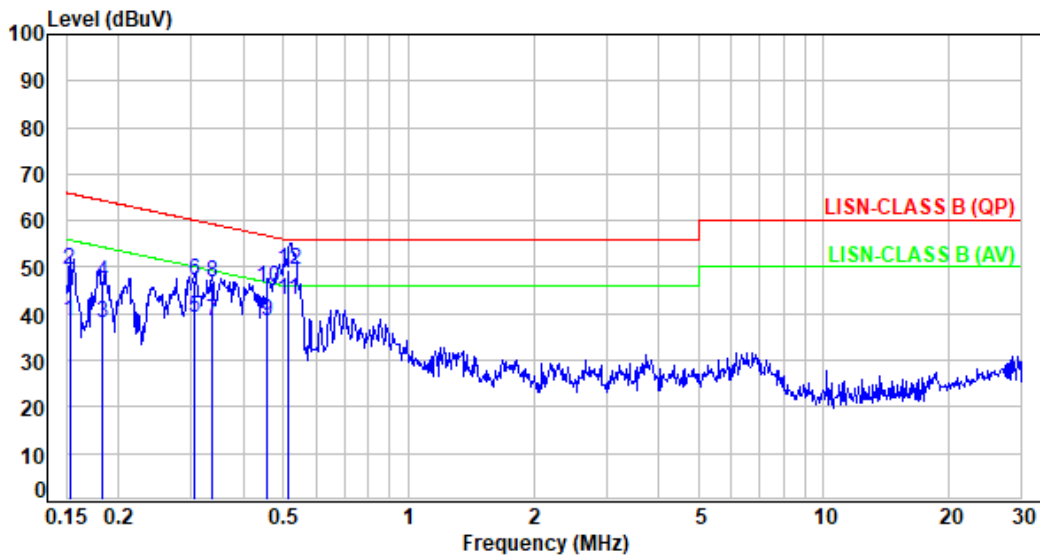


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.15	9.96	28.58	38.54	55.82	-17.28	Average	P
2	0.15	9.96	38.95	48.91	65.82	-16.91	QP	P
3	0.18	9.95	27.13	37.08	54.56	-17.48	Average	P
4	0.18	9.95	34.78	44.73	64.56	-19.83	QP	P
5	0.28	9.95	27.48	37.43	50.95	-13.52	Average	P
6	0.28	9.95	36.11	46.06	60.95	-14.89	QP	P
7	0.34	9.95	27.85	37.80	49.24	-11.44	Average	P
8	0.34	9.95	36.39	46.34	59.24	-12.90	QP	P
9	0.47	9.96	26.62	36.58	46.45	-9.87	Average	P
10	0.47	9.96	34.32	44.28	56.45	-12.17	QP	P
11	0.52	9.97	31.51	41.48	46.00	-4.52	Average	P
12	0.52	9.97	38.80	48.77	56.00	-7.23	QP	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: NEUTRAL
Test Mode	: Mode 1		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.94	28.58	38.52	55.86	-17.34	Average	P
2	0.15	9.94	39.66	49.60	65.86	-16.26	QP	P
3	0.18	9.93	28.05	37.98	54.34	-16.36	Average	P
4	0.18	9.93	36.68	46.61	64.34	-17.73	QP	P
5	0.30	9.93	29.10	39.03	50.11	-11.08	Average	P
6	0.30	9.93	37.03	46.96	60.11	-13.15	QP	P
7	0.34	9.93	28.64	38.57	49.26	-10.69	Average	P
8	0.34	9.93	36.96	46.89	59.26	-12.37	QP	P
9	0.46	9.94	28.37	38.31	46.74	-8.43	Average	P
10	0.46	9.94	35.75	45.69	56.74	-11.05	QP	P
11	0.51	9.94	32.93	42.87	46.00	-3.13	Average	P
12	0.51	9.94	39.45	49.39	56.00	-6.61	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.

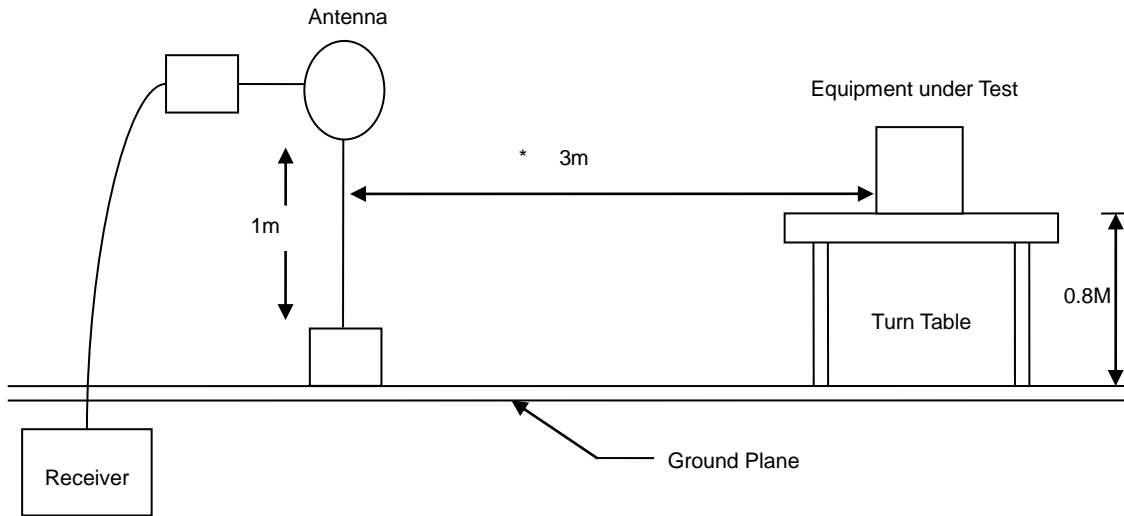
Note:

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.
(X-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.

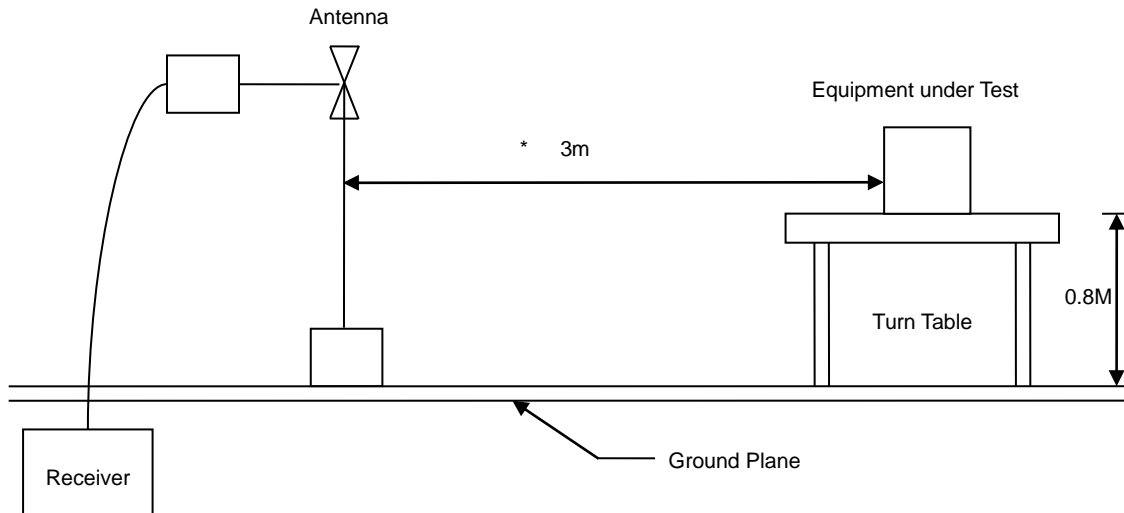


6.3. Typical Test Setup

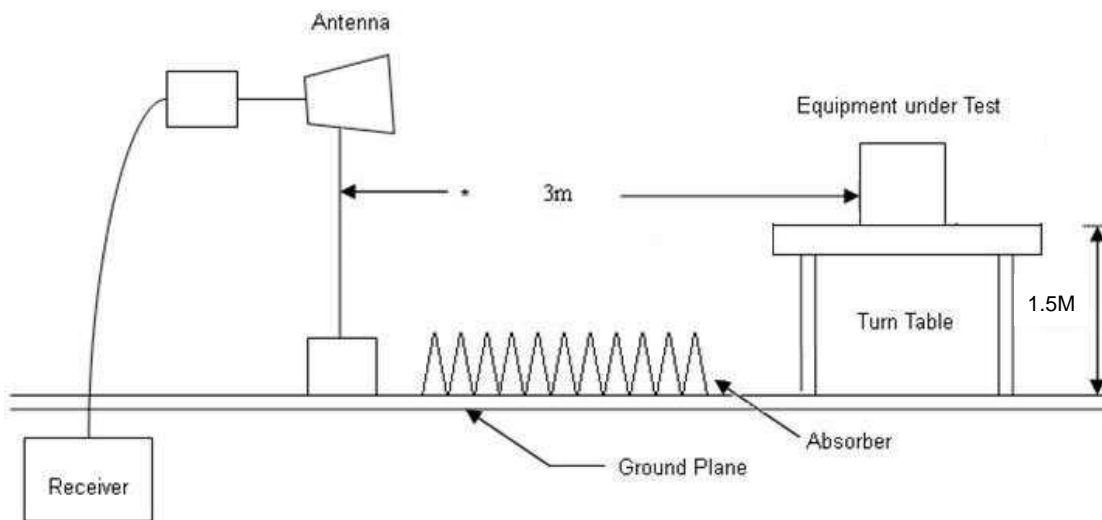
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



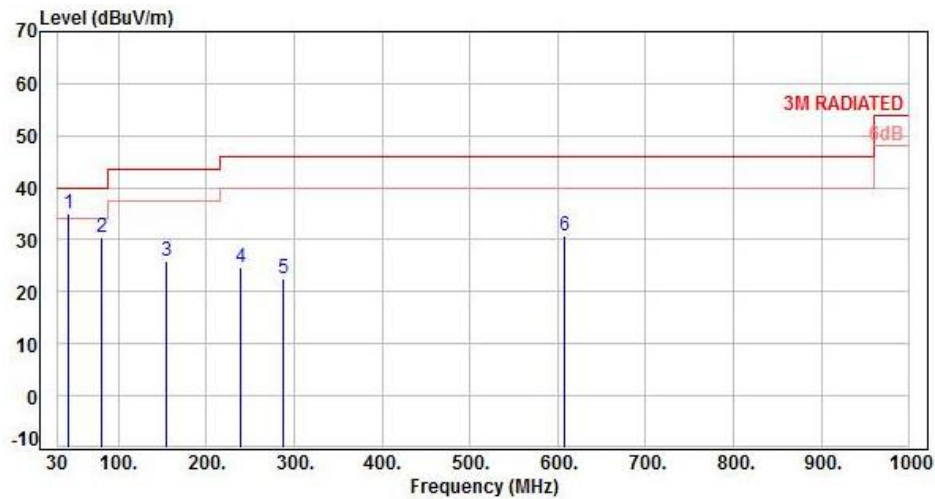


6.4. Test Result and Data (9kHz ~ 30MHz)

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

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

Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH149		:

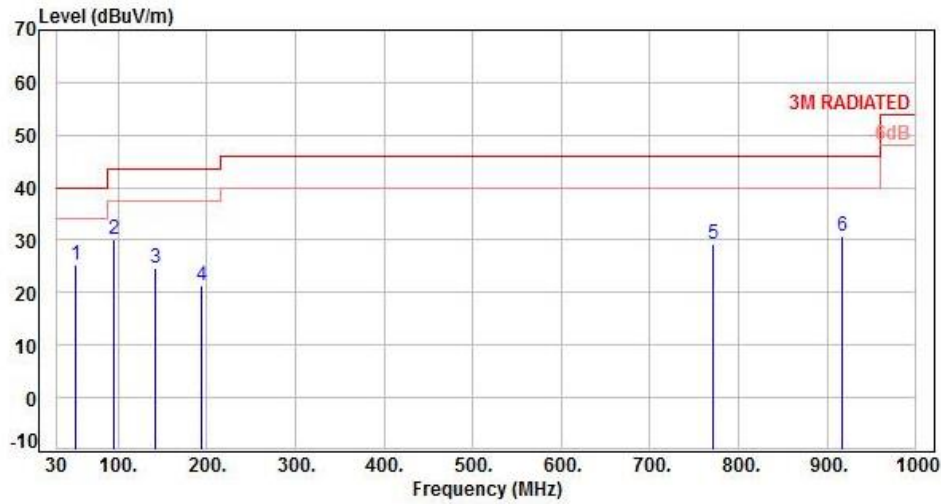


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	43.58	-11.48	46.53	35.05	40.00	-4.95	Peak	100	360	P
2	80.44	-16.00	46.58	30.58	40.00	-9.42	Peak	100	360	P
3	154.16	-11.34	37.16	25.82	43.50	-17.68	Peak	100	360	P
4	239.52	-12.53	37.35	24.82	46.00	-21.18	Peak	100	360	P
5	288.02	-10.47	33.13	22.66	46.00	-23.34	Peak	100	360	P
6	608.12	-2.69	33.37	30.68	46.00	-15.32	Peak	100	360	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, CH149		:



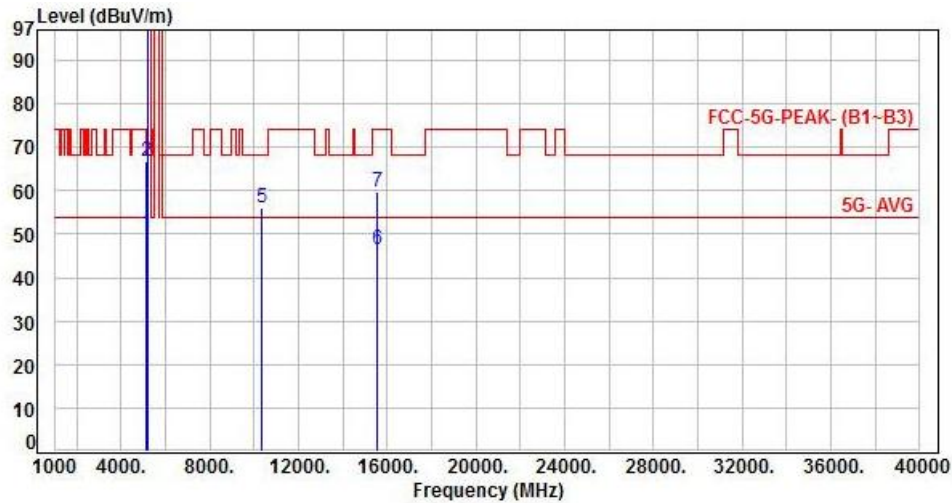
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	51.34	-10.87	36.25	25.38	40.00	-14.62	Peak	100	360	P
2	95.96	-16.10	46.40	30.30	43.50	-13.20	Peak	100	360	P
3	142.52	-11.83	36.41	24.58	43.50	-18.92	Peak	100	360	P
4	194.90	-13.09	34.39	21.30	43.50	-22.20	Peak	100	360	P
5	771.08	0.21	29.08	29.29	46.00	-16.71	Peak	100	360	P
6	916.58	2.07	28.58	30.65	46.00	-15.35	Peak	100	360	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		

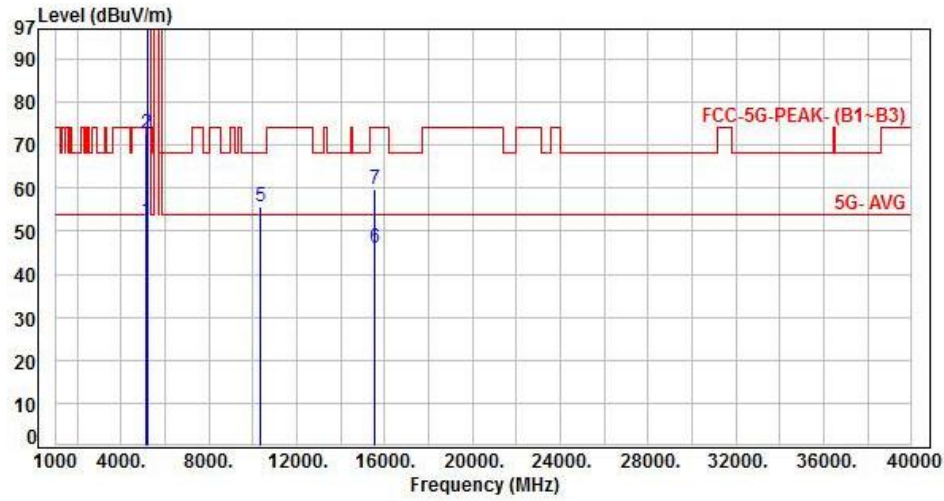


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	43.99	50.00	54.00	-4.00	Average	317	309	P
2	5150.00	6.01	60.84	66.85	74.00	-7.15	Peak	317	309	P
3	5180.00	6.03	94.10	100.13	200.00	-99.87	Average	317	309	P
4	5180.00	6.03	105.32	111.35	200.00	-88.65	Peak	317	309	P
5	10360.00	13.23	42.77	56.00	68.20	-12.20	Peak	100	87	P
6	15540.00	16.03	30.36	46.39	54.00	-7.61	Average	100	101	P
7	15540.00	16.03	43.84	59.87	74.00	-14.13	Peak	100	101	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		:

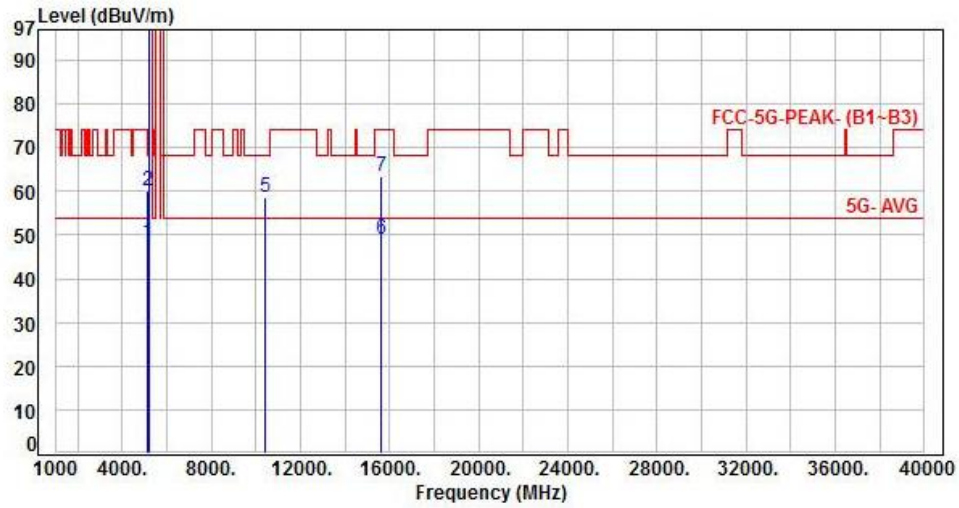


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.41	52.42	54.00	-1.58	Average	106	360	P
2	5150.00	6.01	66.48	72.49	74.00	-1.51	Peak	106	360	P
3	5180.00	6.03	99.30	105.33	200.00	-94.67	Average	106	360	P
4	5180.00	6.03	110.55	116.58	200.00	-83.42	Peak	106	360	P
5	10360.00	13.23	42.60	55.83	68.20	-12.37	Peak	100	267	P
6	15540.00	16.03	30.13	46.16	54.00	-7.84	Average	100	241	P
7	15540.00	16.03	43.62	59.65	74.00	-14.35	Peak	100	241	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		:

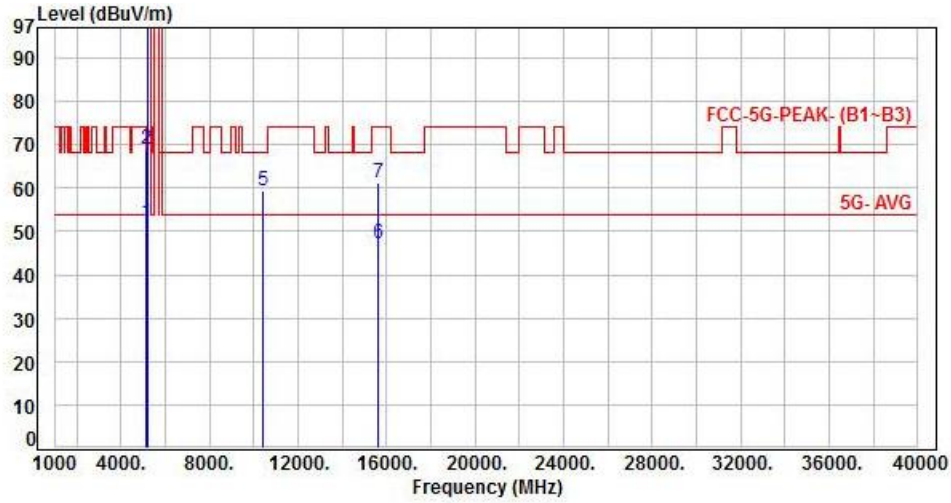


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.41	48.42	54.00	-5.58	Average	400	282	P
2	5150.00	6.01	54.21	60.22	74.00	-13.78	Peak	400	282	P
3	5200.00	6.04	96.00	102.04	200.00	-97.96	Average	400	282	P
4	5200.00	6.04	106.25	112.29	200.00	-87.71	Peak	400	282	P
5	10400.00	13.27	45.32	58.59	68.20	-9.61	Peak	100	144	P
6	15600.00	15.83	33.11	48.94	54.00	-5.06	Average	100	181	P
7	15600.00	15.83	47.48	63.31	74.00	-10.69	Peak	100	181	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		:

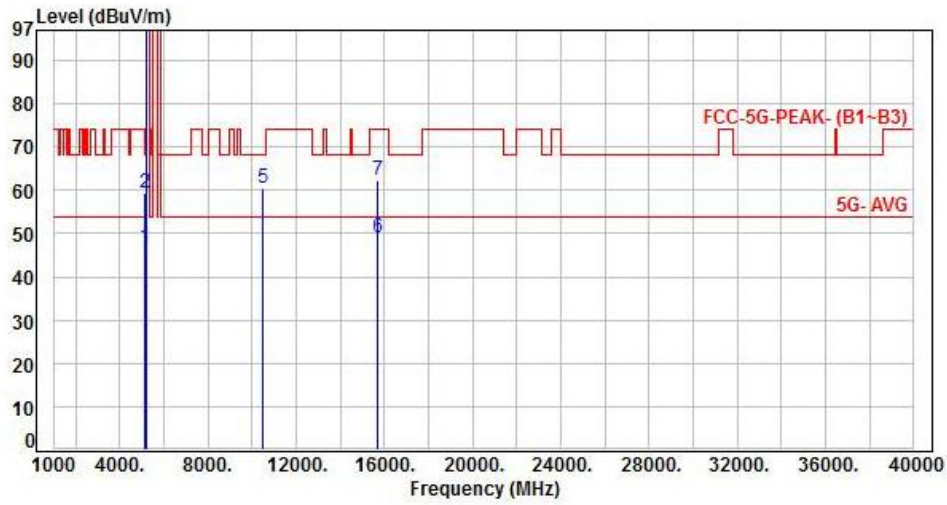


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.17	52.18	54.00	-1.82	Average	100	360	P
2	5150.00	6.01	62.82	68.83	74.00	-5.17	Peak	100	360	P
3	5200.00	6.04	101.91	107.95	200.00	-92.05	Average	100	360	P
4	5200.00	6.04	112.18	118.22	200.00	-81.78	Peak	100	360	P
5	10400.00	13.27	45.97	59.24	68.20	-8.96	Peak	100	136	P
6	15600.00	15.83	31.28	47.11	54.00	-6.89	Average	100	263	P
7	15600.00	15.83	45.27	61.10	74.00	-12.90	Peak	100	263	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		:

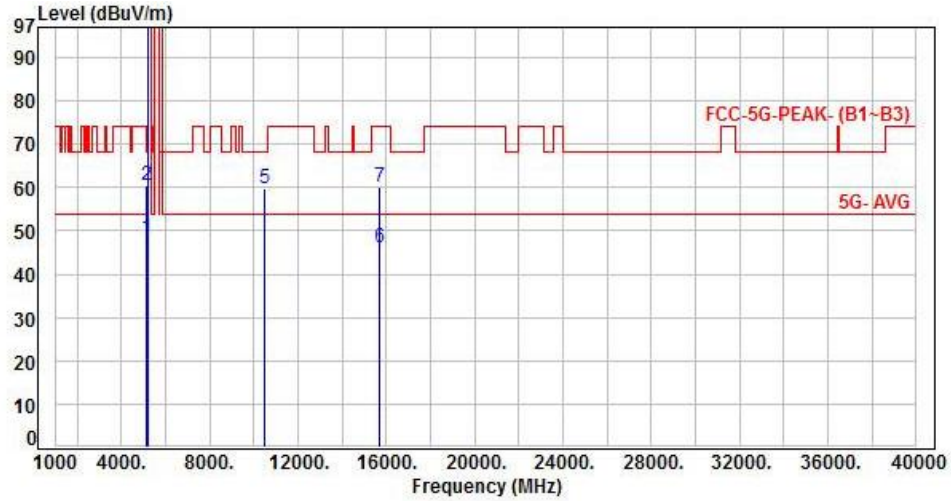


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	40.99	47.00	54.00	-7.00	Average	391	290	P
2	5150.00	6.01	53.36	59.37	74.00	-14.63	Peak	391	290	P
3	5240.00	6.08	96.78	102.86	200.00	-97.14	Average	391	290	P
4	5240.00	6.08	107.13	113.21	200.00	-86.79	Peak	391	290	P
5	10480.00	13.47	46.86	60.33	68.20	-7.87	Peak	100	104	P
6	15720.00	15.32	33.58	48.90	54.00	-5.10	Average	101	179	P
7	15720.00	15.32	47.11	62.43	74.00	-11.57	Peak	101	179	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		:

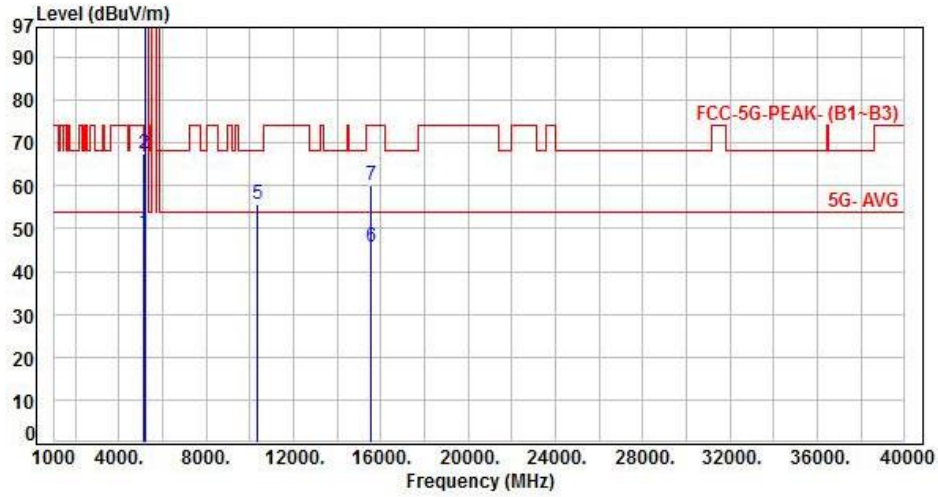


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.30	48.31	54.00	-5.69	Average	158	329	P
2	5150.00	6.01	54.45	60.46	74.00	-13.54	Peak	158	329	P
3	5240.00	6.08	102.71	108.79	200.00	-91.21	Average	158	329	P
4	5240.00	6.08	112.91	118.99	200.00	-81.01	Peak	158	329	P
5	10480.00	13.47	46.31	59.78	68.20	-8.42	Peak	100	143	P
6	15720.00	15.32	30.80	46.12	54.00	-7.88	Average	100	250	P
7	15720.00	15.32	44.66	59.98	74.00	-14.02	Peak	100	250	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		:

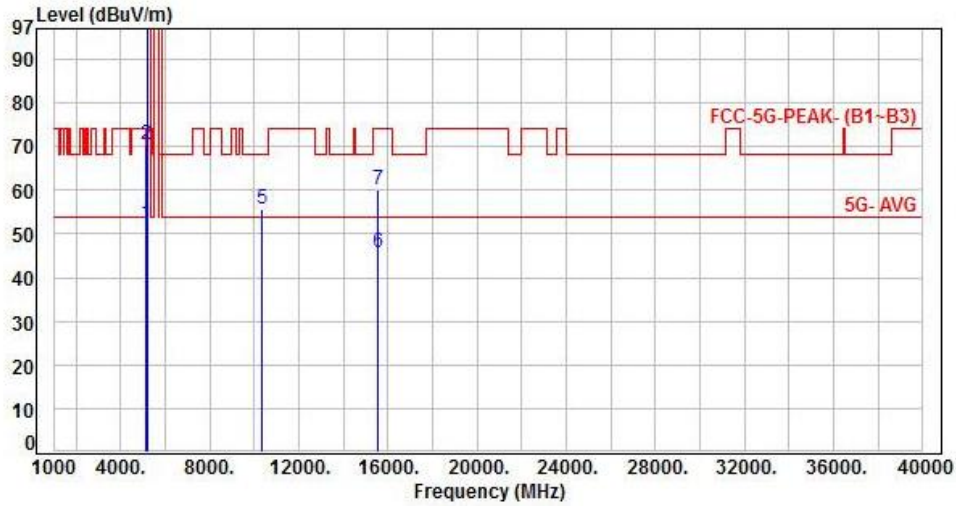


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.88	48.89	54.00	-5.11	Average	315	311	P
2	5150.00	6.01	61.40	67.41	74.00	-6.59	Peak	315	311	P
3	5180.00	6.03	93.45	99.48	200.00	-100.52	Average	315	311	P
4	5180.00	6.03	104.15	110.18	200.00	-89.82	Peak	315	311	P
5	10360.00	13.23	42.50	55.73	68.20	-12.47	Peak	100	150	P
6	15540.00	16.03	29.88	45.91	54.00	-8.09	Average	100	197	P
7	15540.00	16.03	44.02	60.05	74.00	-13.95	Peak	100	197	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		:

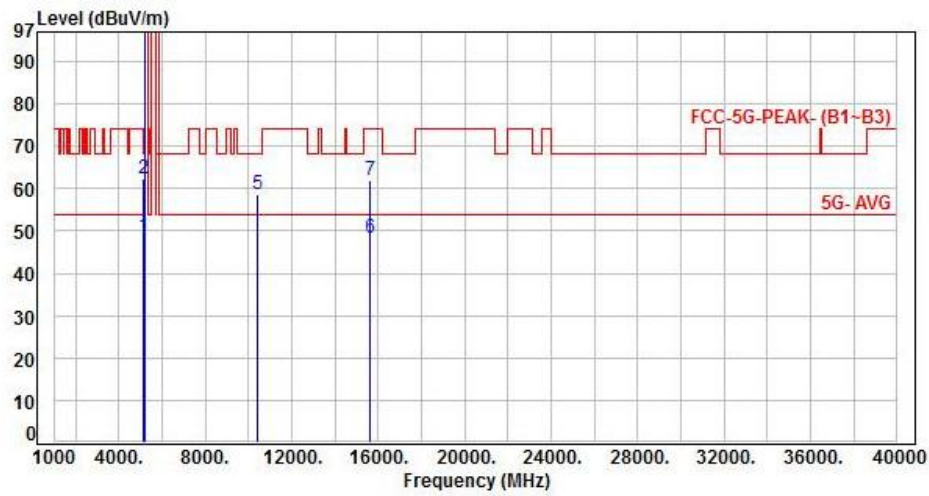


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.49	52.50	54.00	-1.50	Average	106	360	P
2	5150.00	6.01	64.43	70.44	74.00	-3.56	Peak	106	360	P
3	5180.00	6.03	98.07	104.10	200.00	-95.90	Average	106	360	P
4	5180.00	6.03	108.62	114.65	200.00	-85.35	Peak	106	360	P
5	10360.00	13.23	42.34	55.57	68.20	-12.63	Peak	100	104	P
6	15540.00	16.03	29.88	45.91	54.00	-8.09	Average	100	274	P
7	15540.00	16.03	44.03	60.06	74.00	-13.94	Peak	100	274	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		

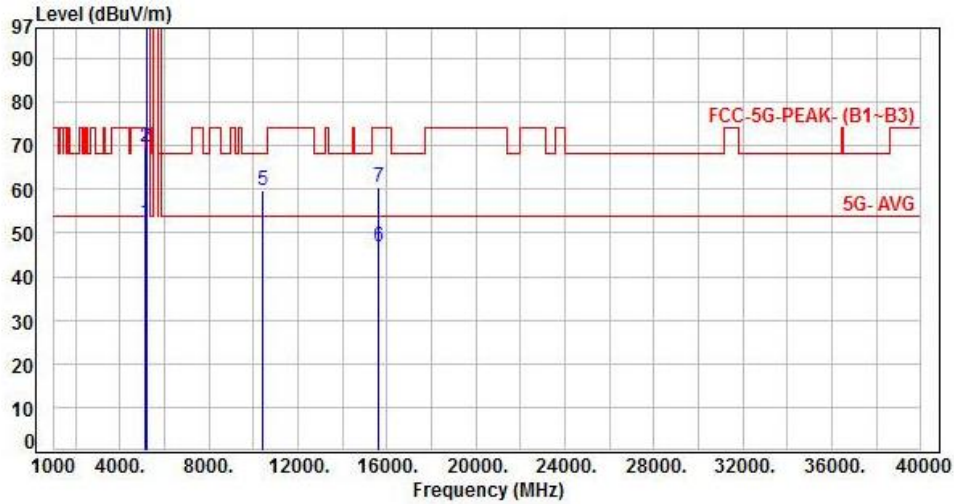


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.73	48.74	54.00	-5.26	Average	356	282	P
2	5150.00	6.01	56.37	62.38	74.00	-11.62	Peak	356	282	P
3	5200.00	6.04	96.20	102.24	200.00	-97.76	Average	356	282	P
4	5200.00	6.04	106.90	112.94	200.00	-87.06	Peak	356	282	P
5	10400.00	13.27	45.53	58.80	68.20	-9.40	Peak	100	211	P
6	15600.00	15.83	32.56	48.39	54.00	-5.61	Average	100	181	P
7	15600.00	15.83	46.24	62.07	74.00	-11.93	Peak	100	181	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		:

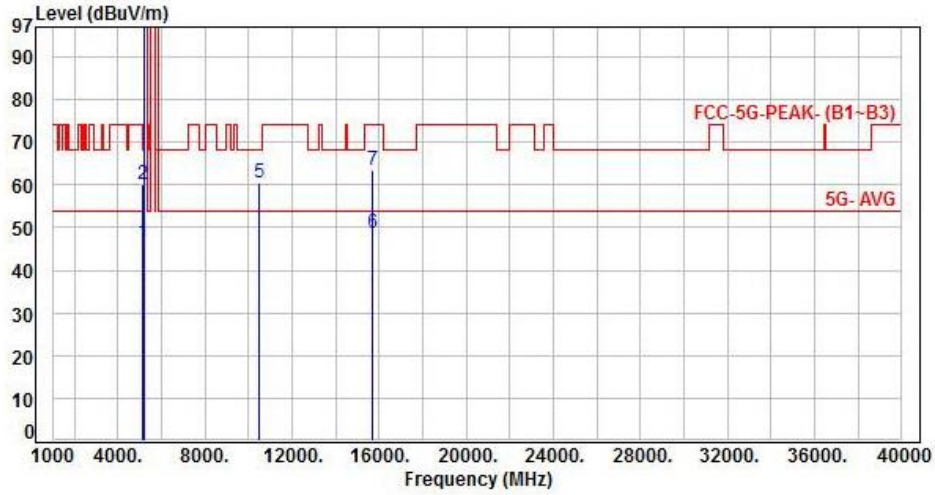


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.28	52.29	54.00	-1.71	Average	132	0	P
2	5150.00	6.01	63.69	69.70	74.00	-4.30	Peak	132	0	P
3	5200.00	6.04	100.83	106.87	200.00	-93.13	Average	132	0	P
4	5200.00	6.04	111.44	117.48	200.00	-82.52	Peak	132	0	P
5	10400.00	13.27	46.35	59.62	68.20	-8.58	Peak	100	133	P
6	15600.00	15.83	30.88	46.71	54.00	-7.29	Average	100	264	P
7	15600.00	15.83	44.68	60.51	74.00	-13.49	Peak	100	264	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		:

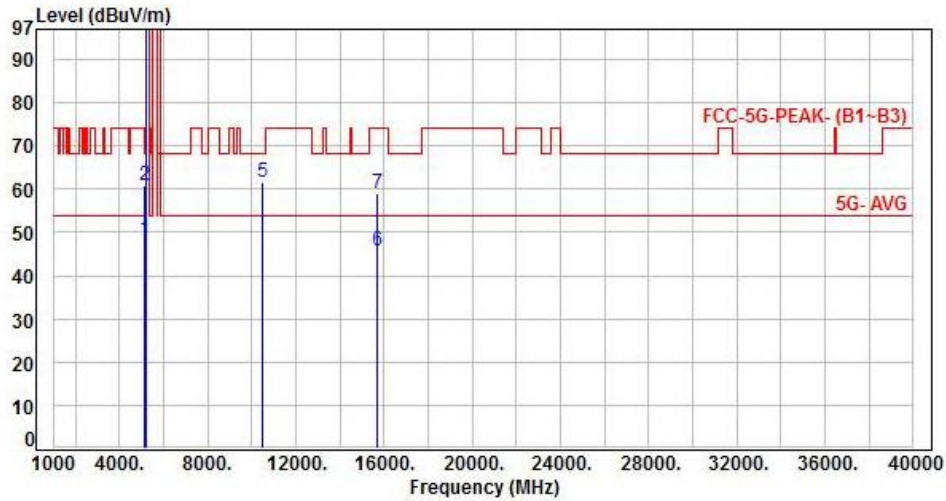


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	40.54	46.55	54.00	-7.45	Average	394	280	P
2	5150.00	6.01	54.11	60.12	74.00	-13.88	Peak	394	280	P
3	5240.00	6.08	96.69	102.77	200.00	-97.23	Average	394	280	P
4	5240.00	6.08	107.23	113.31	200.00	-86.69	Peak	394	280	P
5	10480.00	13.47	47.15	60.62	68.20	-7.58	Peak	100	177	P
6	15720.00	15.32	33.46	48.78	54.00	-5.22	Average	102	180	P
7	15720.00	15.32	48.03	63.35	74.00	-10.65	Peak	102	180	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		:

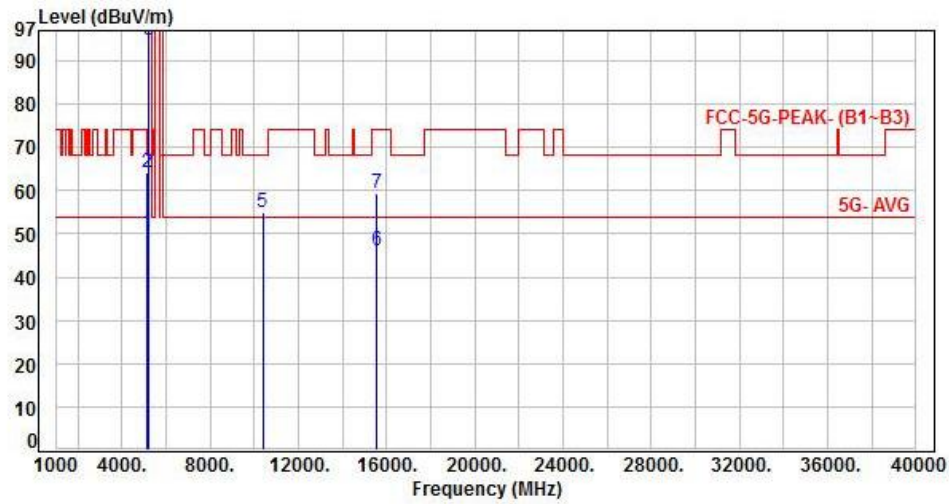


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.40	48.41	54.00	-5.59	Average	131	353	P
2	5150.00	6.01	54.95	60.96	74.00	-13.04	Peak	131	353	P
3	5240.00	6.08	101.53	107.61	200.00	-92.39	Average	131	353	P
4	5240.00	6.08	112.90	118.98	200.00	-81.02	Peak	131	353	P
5	10480.00	13.47	47.95	61.42	68.20	-6.78	Peak	100	145	P
6	15720.00	15.32	30.57	45.89	54.00	-8.11	Average	100	245	P
7	15720.00	15.32	43.72	59.04	74.00	-14.96	Peak	100	245	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		:

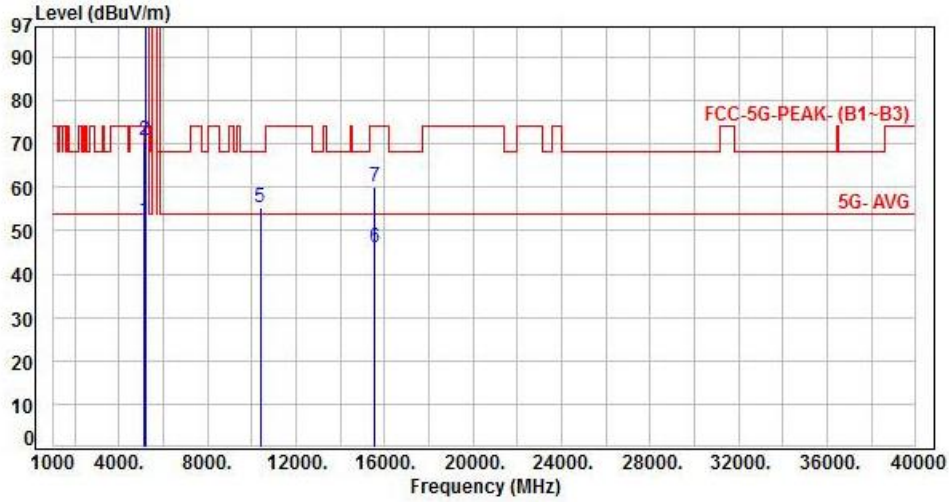


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	44.03	50.04	54.00	-3.96	Average	351	302	P
2	5150.00	6.01	57.99	64.00	74.00	-10.00	Peak	351	302	P
3	5190.00	6.04	88.74	94.78	200.00	-105.22	Average	351	302	P
4	5190.00	6.04	99.59	105.63	200.00	-94.37	Peak	351	302	P
5	10380.00	13.26	41.80	55.06	68.20	-13.14	Peak	100	79	P
6	15570.00	15.93	30.25	46.18	54.00	-7.82	Average	100	215	P
7	15570.00	15.93	43.33	59.26	74.00	-14.74	Peak	100	215	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		:

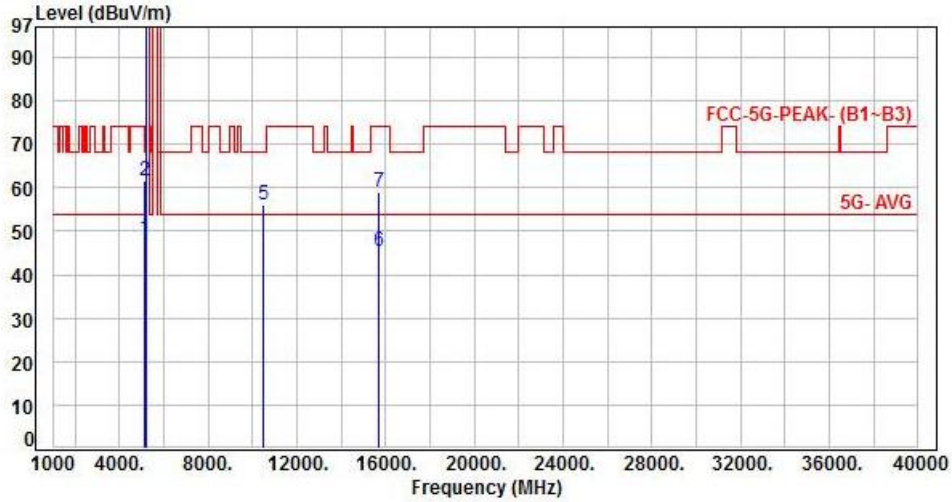


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.49	52.50	54.00	-1.50	Average	100	0	P
2	5150.00	6.01	64.96	70.97	74.00	-3.03	Peak	100	0	P
3	5190.00	6.04	93.81	99.85	200.00	-100.15	Average	100	0	P
4	5190.00	6.04	104.91	110.95	200.00	-89.05	Peak	100	0	P
5	10380.00	13.26	42.04	55.30	68.20	-12.90	Peak	100	323	P
6	15570.00	15.93	30.34	46.27	54.00	-7.73	Average	100	123	P
7	15570.00	15.93	44.14	60.07	74.00	-13.93	Peak	100	123	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		:

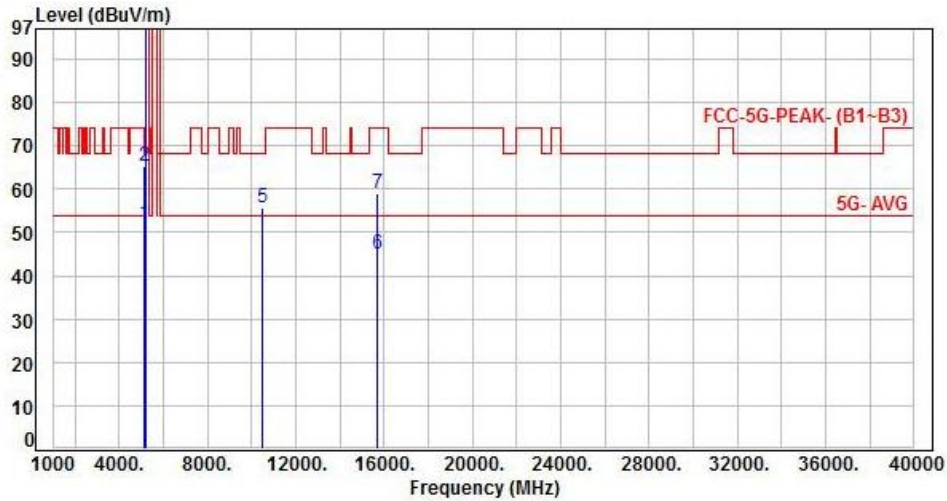


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.21	48.22	54.00	-5.78	Average	331	291	P
2	5150.00	6.01	55.54	61.55	74.00	-12.45	Peak	331	291	P
3	5230.00	6.08	90.92	97.00	200.00	-103.00	Average	331	291	P
4	5230.00	6.08	100.73	106.81	200.00	-93.19	Peak	331	291	P
5	10460.00	13.42	42.64	56.06	68.20	-12.14	Peak	100	191	P
6	15690.00	15.35	29.99	45.34	54.00	-8.66	Average	100	170	P
7	15690.00	15.35	43.77	59.12	74.00	-14.88	Peak	100	170	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		:

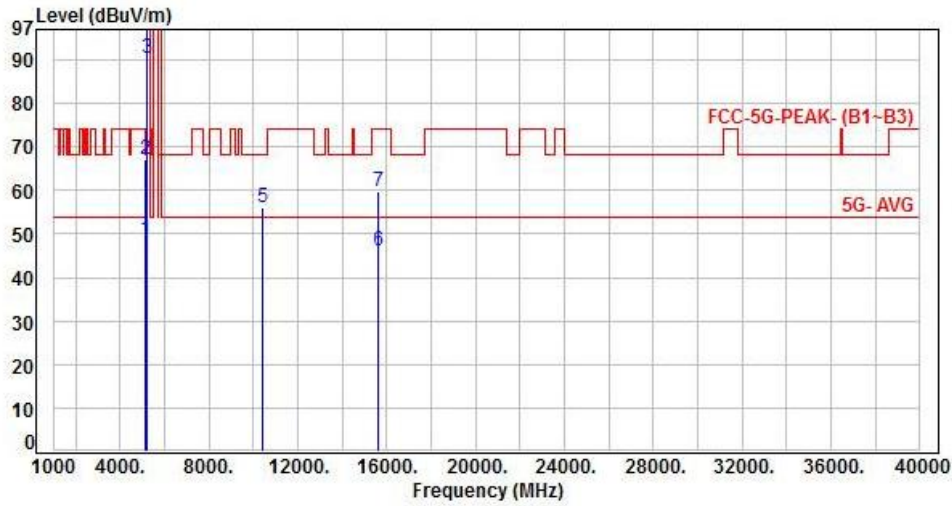


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.18	52.19	54.00	-1.81	Average	156	335	P
2	5150.00	6.01	59.42	65.43	74.00	-8.57	Peak	156	335	P
3	5230.00	6.08	97.05	103.13	200.00	-96.87	Average	156	335	P
4	5230.00	6.08	108.39	114.47	200.00	-85.53	Peak	156	335	P
5	10460.00	13.42	42.37	55.79	68.20	-12.41	Peak	100	203	P
6	15690.00	15.35	29.64	44.99	54.00	-9.01	Average	100	63	P
7	15690.00	15.35	43.77	59.12	74.00	-14.88	Peak	100	63	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		:

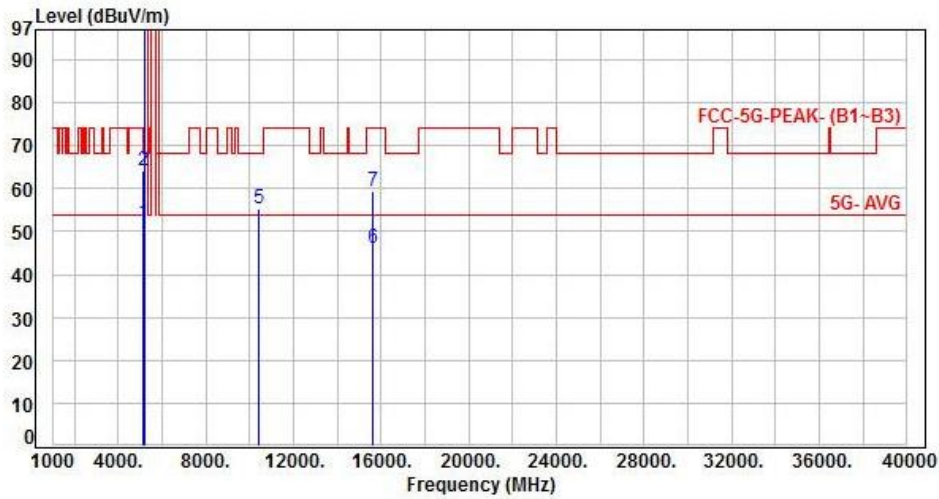


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.85	48.86	54.00	-5.14	Average	343	292	P
2	5150.00	6.01	60.98	66.99	74.00	-7.01	Peak	343	292	P
3	5210.00	6.06	84.22	90.28	200.00	-109.72	Average	343	292	P
4	5210.00	6.06	93.81	99.87	200.00	-100.13	Peak	343	292	P
5	10420.00	13.32	42.88	56.20	68.20	-12.00	Peak	100	78	P
6	15630.00	15.66	30.43	46.09	54.00	-7.91	Average	100	133	P
7	15630.00	15.66	44.22	59.88	74.00	-14.12	Peak	100	133	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		:

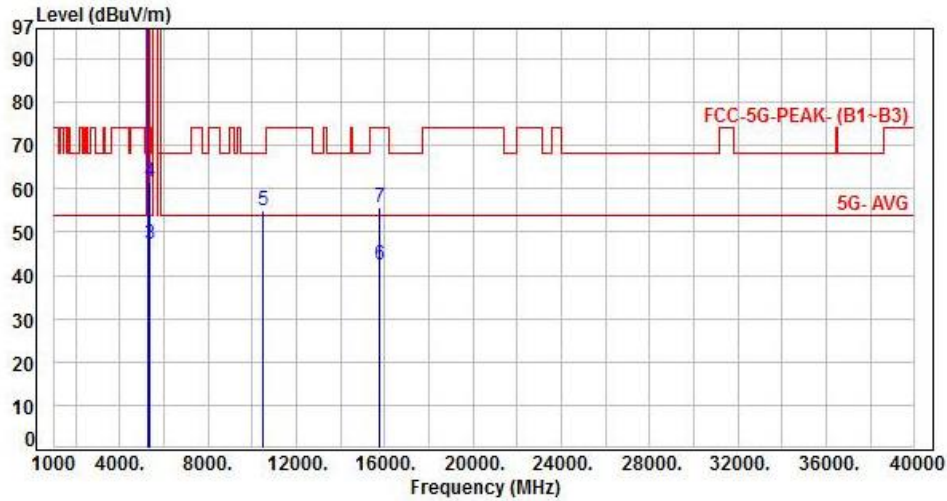


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.09	52.10	54.00	-1.90	Average	113	360	P
2	5150.00	6.01	58.12	64.13	74.00	-9.87	Peak	113	360	P
3	5210.00	6.06	89.62	95.68	200.00	-104.32	Average	113	360	P
4	5210.00	6.06	100.20	106.26	200.00	-93.74	Peak	113	360	P
5	10420.00	13.32	41.95	55.27	68.20	-12.93	Peak	100	56	P
6	15630.00	15.66	30.44	46.10	54.00	-7.90	Average	100	76	P
7	15630.00	15.66	43.89	59.55	74.00	-14.45	Peak	100	76	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		:

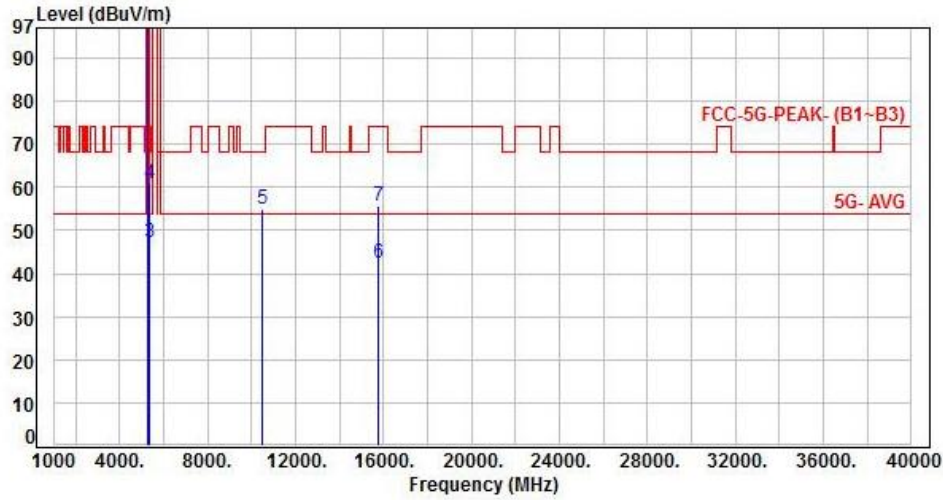


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	89.64	95.76	200.00	-104.24	Average	108	82	P
2	5260.00	6.12	100.19	106.31	200.00	-93.69	Peak	108	82	P
3	5350.00	6.27	40.96	47.23	54.00	-6.77	Average	108	82	P
4	5350.00	6.27	55.23	61.50	74.00	-12.50	Peak	108	82	P
5	10520.00	13.58	41.52	55.10	68.20	-13.10	Peak	100	119	P
6	15780.00	15.41	27.03	42.44	54.00	-11.56	Average	100	298	P
7	15780.00	15.41	40.11	55.52	74.00	-18.48	Peak	100	298	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		:

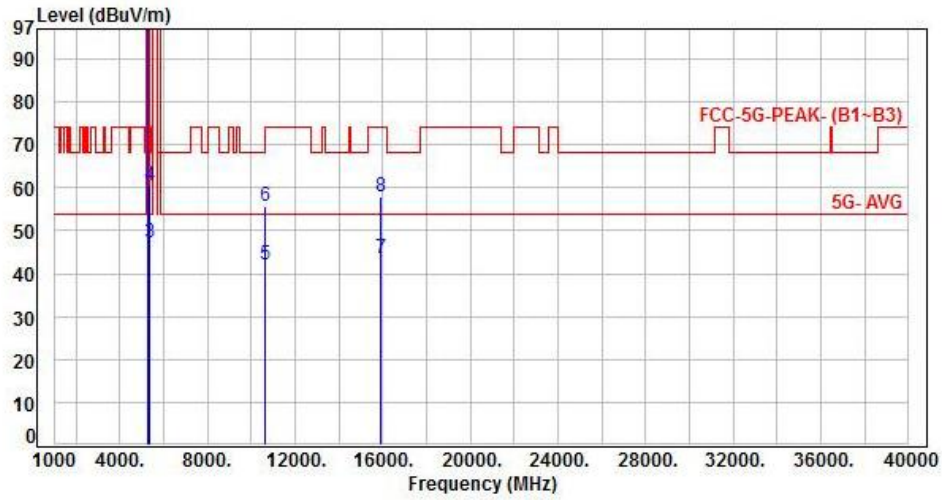


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	96.69	102.81	200.00	-97.19	Average	100	331	P
2	5260.00	6.12	107.24	113.36	200.00	-86.64	Peak	100	331	P
3	5350.00	6.27	41.11	47.38	54.00	-6.62	Average	100	331	P
4	5350.00	6.27	54.55	60.82	74.00	-13.18	Peak	100	331	P
5	10520.00	13.58	41.45	55.03	68.20	-13.17	Peak	100	222	P
6	15780.00	15.41	27.07	42.48	54.00	-11.52	Average	100	13	P
7	15780.00	15.41	40.14	55.55	74.00	-18.45	Peak	100	13	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		:

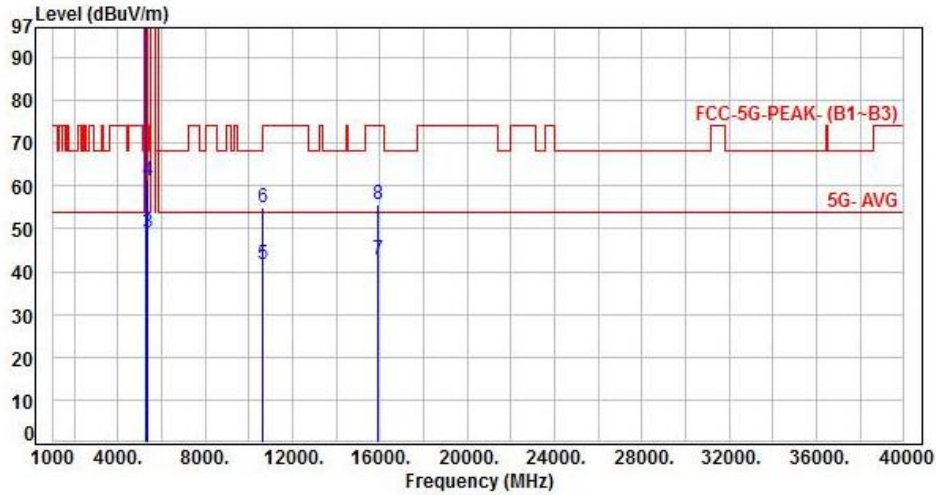


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	90.76	97.00	200.00	-103.00	Average	104	87	P
2	5300.00	6.24	101.13	107.37	200.00	-92.63	Peak	104	87	P
3	5350.00	6.27	40.98	47.25	54.00	-6.75	Average	104	87	P
4	5350.00	6.27	54.21	60.48	74.00	-13.52	Peak	104	87	P
5	10600.00	13.84	28.21	42.05	54.00	-11.95	Average	100	234	P
6	10600.00	13.84	41.86	55.70	74.00	-18.30	Peak	100	234	P
7	15900.00	15.50	28.01	43.51	54.00	-10.49	Average	100	174	P
8	15900.00	15.50	42.31	57.81	74.00	-16.19	Peak	100	174	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		:

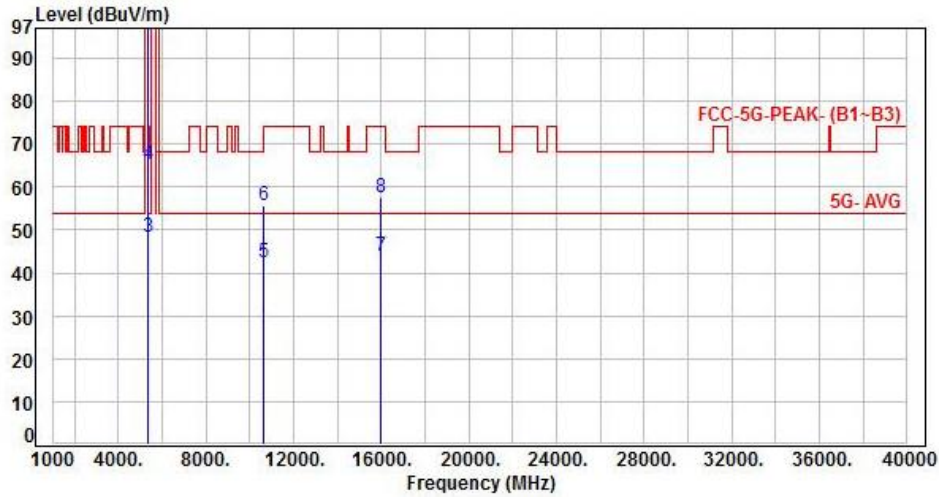


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	96.88	103.12	200.00	-96.88	Average	100	335	P
2	5300.00	6.24	107.53	113.77	200.00	-86.23	Peak	100	335	P
3	5350.00	6.27	42.66	48.93	54.00	-5.07	Average	100	335	P
4	5350.00	6.27	54.79	61.06	74.00	-12.94	Peak	100	335	P
5	10600.00	13.84	27.87	41.71	54.00	-12.29	Average	100	197	P
6	10600.00	13.84	41.16	55.00	74.00	-19.00	Peak	100	197	P
7	15900.00	15.50	27.22	42.72	54.00	-11.28	Average	100	234	P
8	15900.00	15.50	40.20	55.70	74.00	-18.30	Peak	100	234	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		:

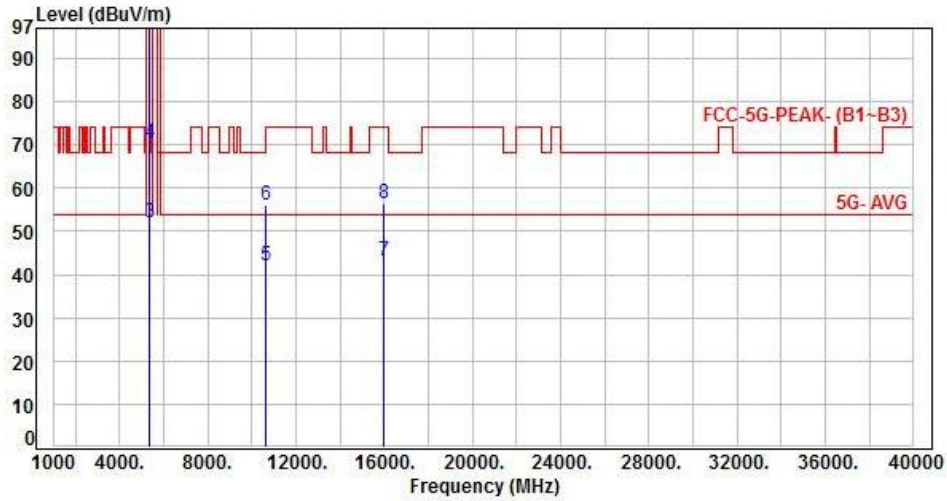


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	88.97	95.22	200.00	-104.78	Average	112	85	P
2	5320.00	6.25	99.56	105.81	200.00	-94.19	Peak	112	85	P
3	5350.00	6.27	42.02	48.29	54.00	-5.71	Average	112	85	P
4	5350.00	6.27	58.84	65.11	74.00	-8.89	Peak	112	85	P
5	10640.00	13.88	28.39	42.27	54.00	-11.73	Average	100	226	P
6	10640.00	13.88	41.99	55.87	74.00	-18.13	Peak	100	226	P
7	15960.00	15.18	28.66	43.84	54.00	-10.16	Average	100	168	P
8	15960.00	15.18	42.28	57.46	74.00	-16.54	Peak	100	168	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		:

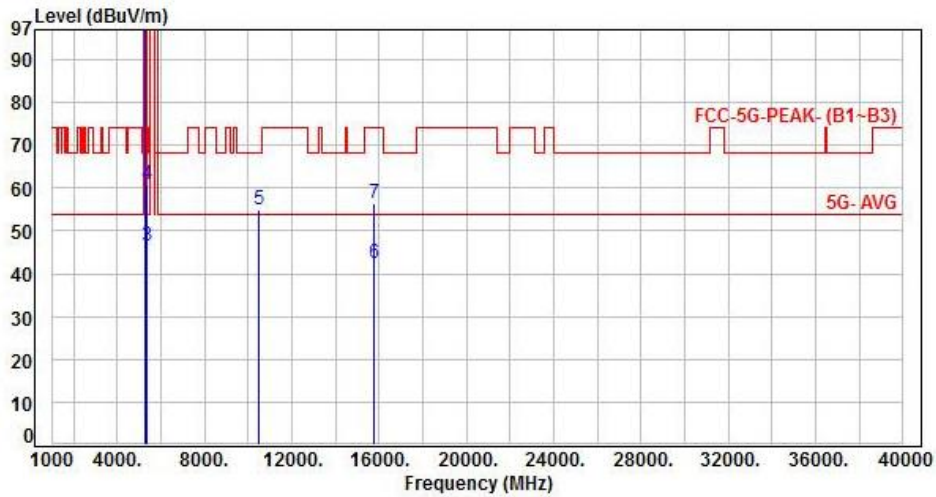


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	94.73	100.98	200.00	-99.02	Average	100	342	P
2	5320.00	6.25	105.54	111.79	200.00	-88.21	Peak	100	342	P
3	5350.00	6.27	45.77	52.04	54.00	-1.96	Average	100	342	P
4	5350.00	6.27	64.30	70.57	74.00	-3.43	Peak	100	342	P
5	10640.00	13.88	28.33	42.21	54.00	-11.79	Average	100	136	P
6	10640.00	13.88	42.03	55.91	74.00	-18.09	Peak	100	136	P
7	15960.00	15.18	28.06	43.24	54.00	-10.76	Average	100	300	P
8	15960.00	15.18	41.19	56.37	74.00	-17.63	Peak	100	300	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		:

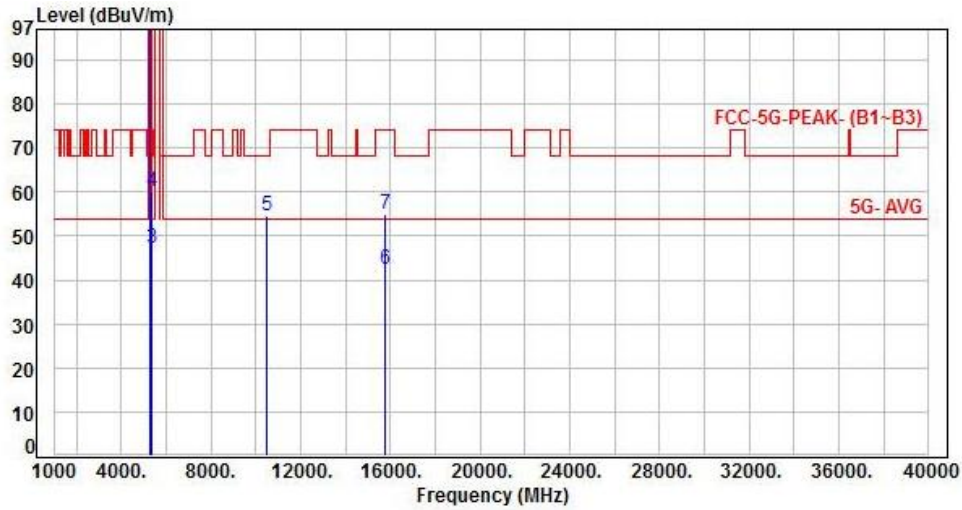


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	89.49	95.61	200.00	-104.39	Average	107	86	P
2	5260.00	6.12	100.35	106.47	200.00	-93.53	Peak	107	86	P
3	5350.00	6.27	40.20	46.47	54.00	-7.53	Average	107	86	P
4	5350.00	6.27	54.56	60.83	74.00	-13.17	Peak	107	86	P
5	10520.00	13.58	41.24	54.82	68.20	-13.38	Peak	100	116	P
6	15780.00	15.41	27.11	42.52	54.00	-11.48	Average	100	174	P
7	15780.00	15.41	40.97	56.38	74.00	-17.62	Peak	100	174	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		:

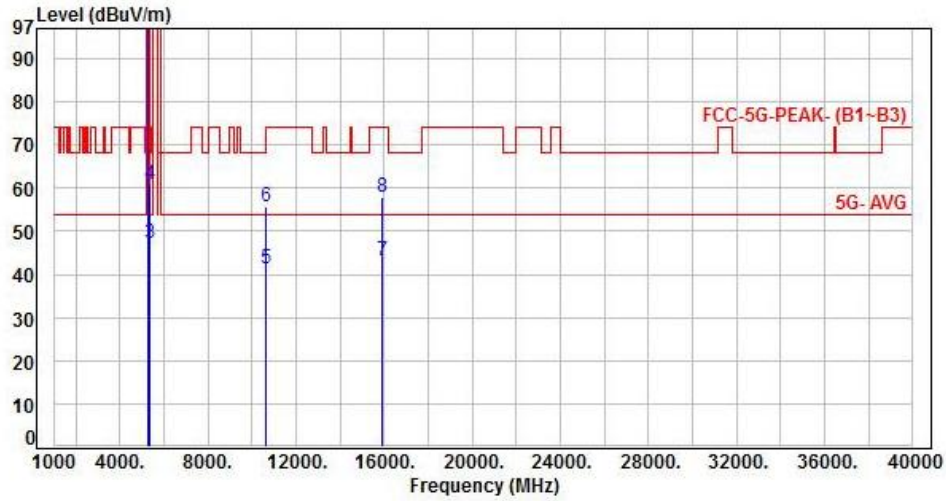


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	96.20	102.32	200.00	-97.68	Average	100	332	P
2	5260.00	6.12	107.02	113.14	200.00	-86.86	Peak	100	332	P
3	5350.00	6.27	40.76	47.03	54.00	-6.97	Average	100	332	P
4	5350.00	6.27	53.89	60.16	74.00	-13.84	Peak	100	332	P
5	10520.00	13.58	41.15	54.73	68.20	-13.47	Peak	100	152	P
6	15780.00	15.41	26.85	42.26	54.00	-11.74	Average	100	106	P
7	15780.00	15.41	39.65	55.06	74.00	-18.94	Peak	100	106	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		

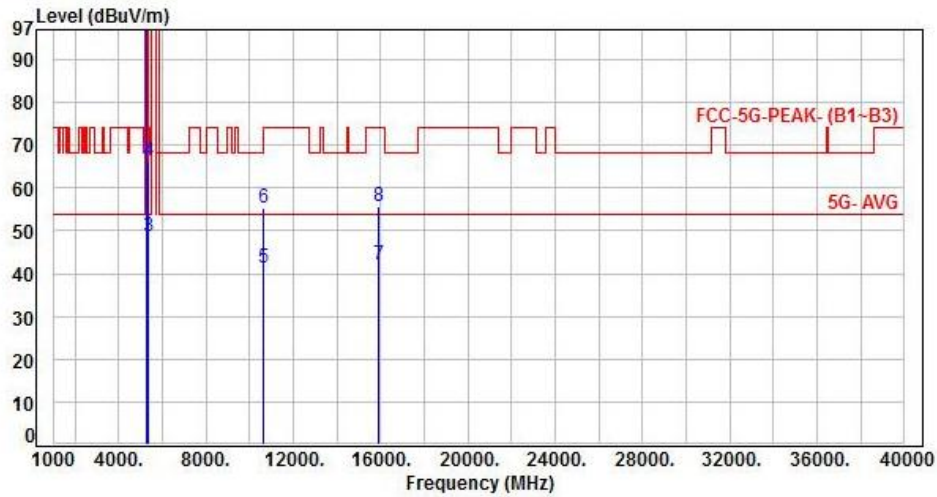


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	90.41	96.65	200.00	-103.35	Average	102	86	P
2	5300.00	6.24	101.30	107.54	200.00	-92.46	Peak	102	86	P
3	5350.00	6.27	40.88	47.15	54.00	-6.85	Average	102	86	P
4	5350.00	6.27	54.61	60.88	74.00	-13.12	Peak	102	86	P
5	10600.00	13.84	27.38	41.22	54.00	-12.78	Average	100	128	P
6	10600.00	13.84	41.70	55.54	74.00	-18.46	Peak	100	128	P
7	15900.00	15.50	27.48	42.98	54.00	-11.02	Average	100	173	P
8	15900.00	15.50	42.28	57.78	74.00	-16.22	Peak	100	173	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		:

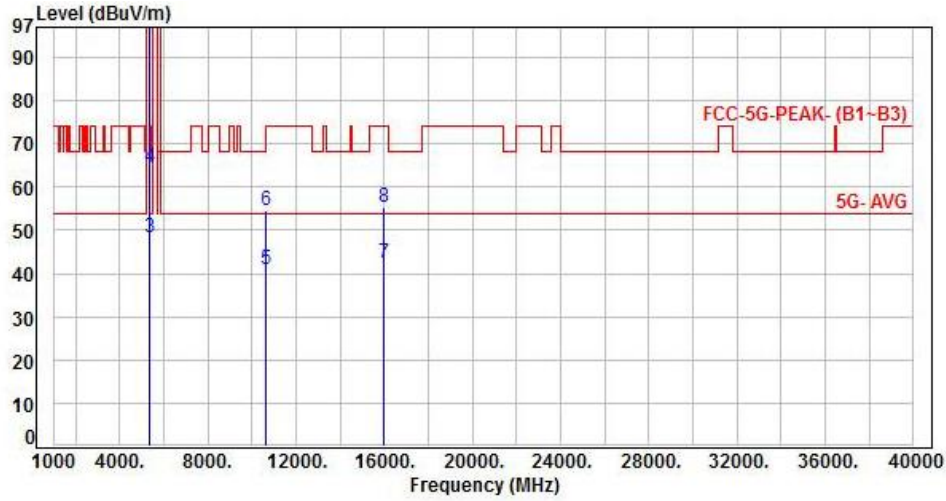


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	96.39	102.63	200.00	-97.37	Average	100	337	P
2	5300.00	6.24	107.44	113.68	200.00	-86.32	Peak	100	337	P
3	5350.00	6.27	42.37	48.64	54.00	-5.36	Average	100	337	P
4	5350.00	6.27	60.01	66.28	74.00	-7.72	Peak	100	337	P
5	10600.00	13.84	27.64	41.48	54.00	-12.52	Average	100	134	P
6	10600.00	13.84	41.52	55.36	74.00	-18.64	Peak	100	134	P
7	15900.00	15.50	26.66	42.16	54.00	-11.84	Average	100	273	P
8	15900.00	15.50	40.08	55.58	74.00	-18.42	Peak	100	273	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		:

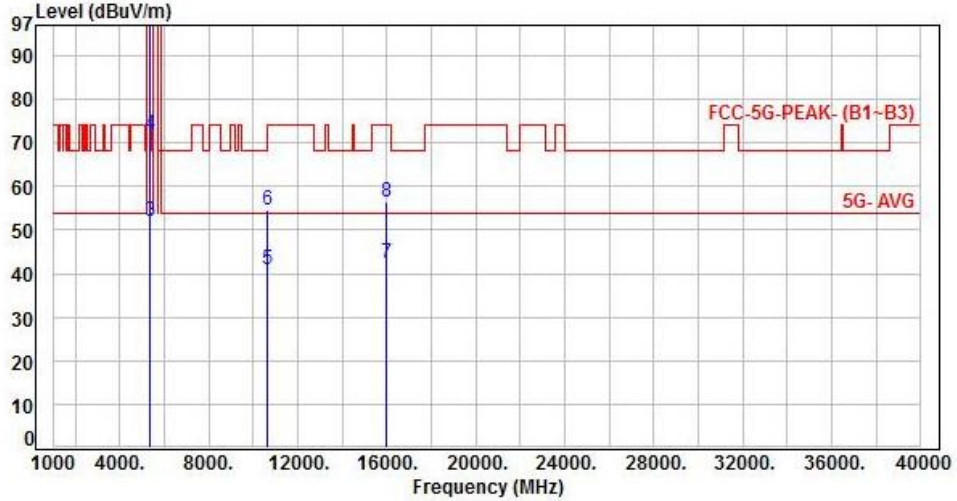


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	87.80	94.05	200.00	-105.95	Average	111	86	P
2	5320.00	6.25	98.40	104.65	200.00	-95.35	Peak	111	86	P
3	5350.00	6.27	41.86	48.13	54.00	-5.87	Average	111	86	P
4	5350.00	6.27	58.35	64.62	74.00	-9.38	Peak	111	86	P
5	10640.00	13.88	27.04	40.92	54.00	-13.08	Average	100	104	P
6	10640.00	13.88	40.63	54.51	74.00	-19.49	Peak	100	104	P
7	15960.00	15.18	27.23	42.41	54.00	-11.59	Average	100	197	P
8	15960.00	15.18	40.25	55.43	74.00	-18.57	Peak	100	197	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		:

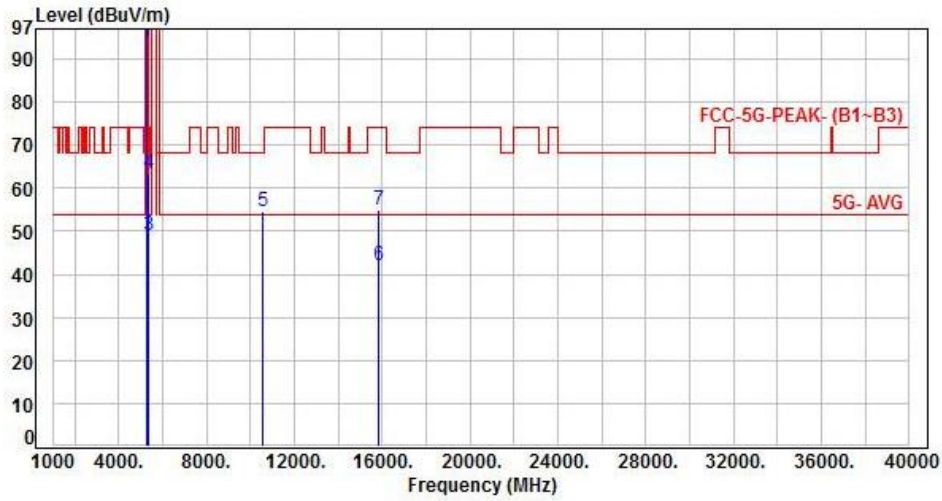


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	94.37	100.62	200.00	-99.38	Average	112	338	P
2	5320.00	6.25	105.06	111.31	200.00	-88.69	Peak	112	338	P
3	5350.00	6.27	45.77	52.04	54.00	-1.96	Average	112	338	P
4	5350.00	6.27	65.60	71.87	74.00	-2.13	Peak	112	338	P
5	10640.00	13.88	27.08	40.96	54.00	-13.04	Average	100	147	P
6	10640.00	13.88	40.62	54.50	74.00	-19.50	Peak	100	147	P
7	15960.00	15.18	27.13	42.31	54.00	-11.69	Average	100	294	P
8	15960.00	15.18	41.23	56.41	74.00	-17.59	Peak	100	294	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	6.14	87.89	94.03	200.00	-105.97	Average	117	84	P
2	5270.00	6.14	98.24	104.38	200.00	-95.62	Peak	117	84	P
3	5350.00	6.27	42.66	48.93	54.00	-5.07	Average	117	84	P
4	5350.00	6.27	57.04	63.31	74.00	-10.69	Peak	117	84	P
5	10540.00	13.64	40.79	54.43	68.20	-13.77	Peak	100	333	P
6	15810.00	15.44	26.70	42.14	54.00	-11.86	Average	100	134	P
7	15810.00	15.44	39.65	55.09	74.00	-18.91	Peak	100	134	P

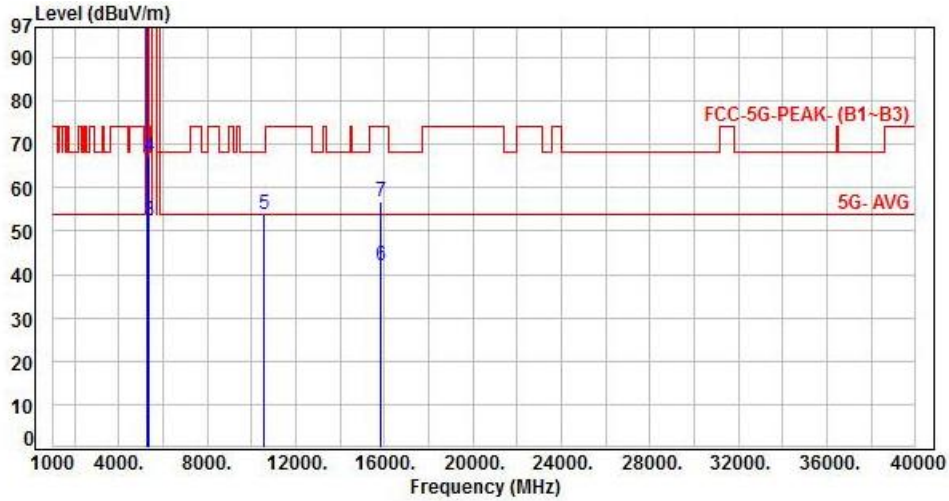
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

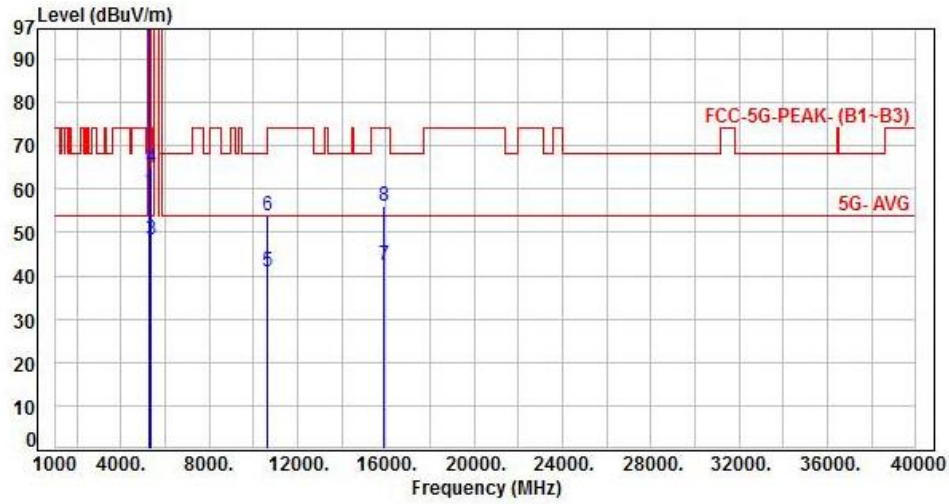


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	6.14	94.37	100.51	200.00	-99.49	Average	100	347	P
2	5270.00	6.14	105.09	111.23	200.00	-88.77	Peak	100	347	P
3	5350.00	6.27	46.22	52.49	54.00	-1.51	Average	100	347	P
4	5350.00	6.27	60.91	67.18	74.00	-6.82	Peak	100	347	P
5	10540.00	13.64	40.29	53.93	68.20	-14.27	Peak	100	223	P
6	15810.00	15.44	26.61	42.05	54.00	-11.95	Average	100	53	P
7	15810.00	15.44	41.38	56.82	74.00	-17.18	Peak	100	53	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		:

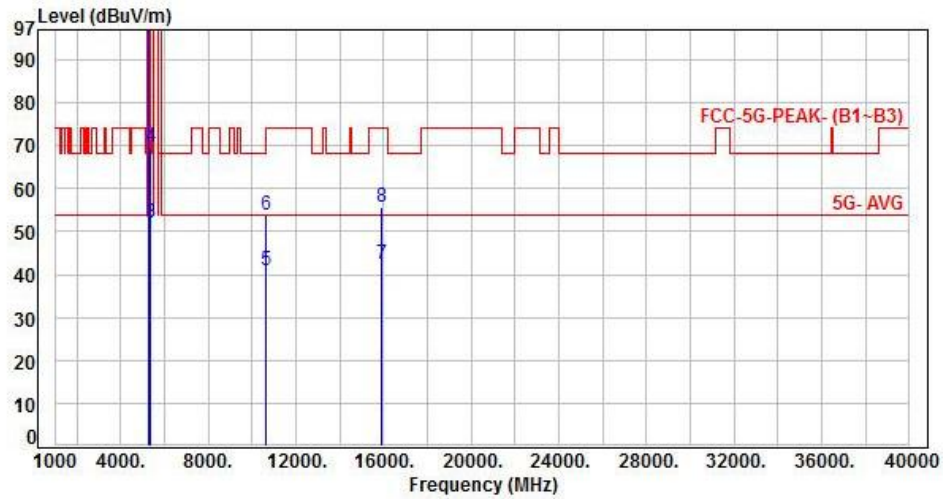


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	6.24	53.18	59.42	200.00	-140.58	Average	111	83	P
2	5310.00	6.24	93.30	99.54	200.00	-100.46	Peak	111	83	P
3	5350.00	6.27	41.88	48.15	54.00	-5.85	Average	111	83	P
4	5350.00	6.27	58.68	64.95	74.00	-9.05	Peak	111	83	P
5	10620.00	13.86	26.97	40.83	54.00	-13.17	Average	100	141	P
6	10620.00	13.86	39.82	53.68	74.00	-20.32	Peak	100	141	P
7	15930.00	15.34	26.99	42.33	54.00	-11.67	Average	100	121	P
8	15930.00	15.34	40.66	56.00	74.00	-18.00	Peak	100	121	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		:

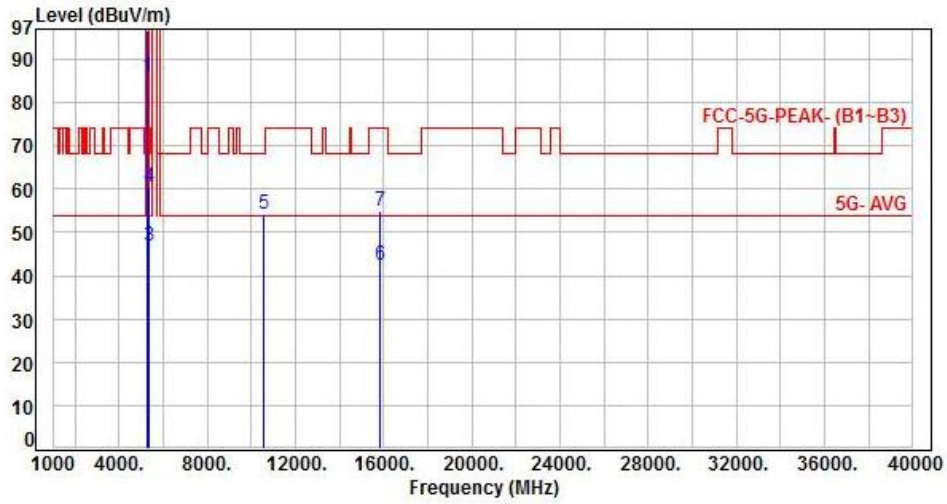


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	6.24	89.54	95.78	200.00	-104.22	Average	100	338	P
2	5310.00	6.24	100.49	106.73	200.00	-93.27	Peak	100	338	P
3	5350.00	6.27	45.85	52.12	54.00	-1.88	Average	100	338	P
4	5350.00	6.27	63.36	69.63	74.00	-4.37	Peak	100	338	P
5	10620.00	13.86	27.01	40.87	54.00	-13.13	Average	100	279	P
6	10620.00	13.86	39.94	53.80	74.00	-20.20	Peak	100	279	P
7	15930.00	15.34	27.09	42.43	54.00	-11.57	Average	100	299	P
8	15930.00	15.34	40.50	55.84	74.00	-18.16	Peak	100	299	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		:

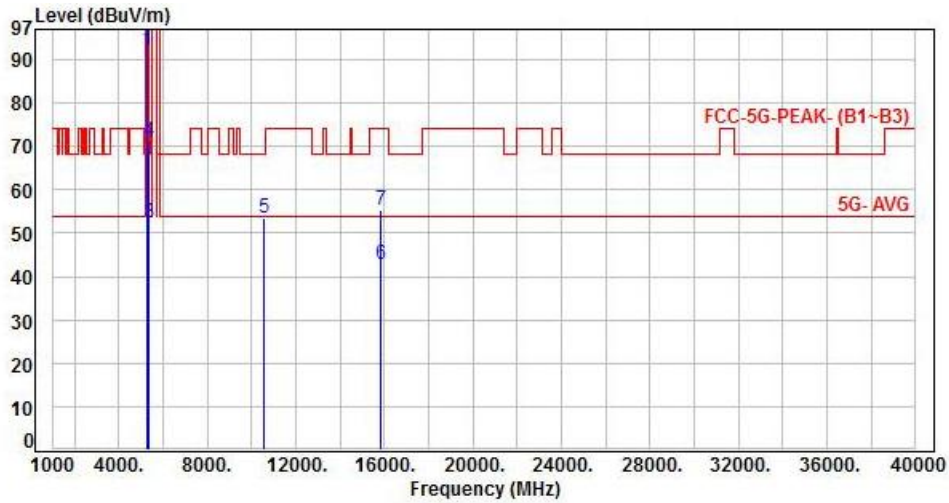


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	6.20	79.87	86.07	200.00	-113.93	Average	396	82	P
2	5290.00	6.20	90.58	96.78	200.00	-103.22	Peak	396	82	P
3	5350.00	6.27	40.69	46.96	54.00	-7.04	Average	396	82	P
4	5350.00	6.27	54.14	60.41	74.00	-13.59	Peak	396	82	P
5	10580.00	13.76	40.47	54.23	68.20	-13.97	Peak	100	43	P
6	15870.00	15.49	27.01	42.50	54.00	-11.50	Average	100	104	P
7	15870.00	15.49	39.41	54.90	74.00	-19.10	Peak	100	104	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		:

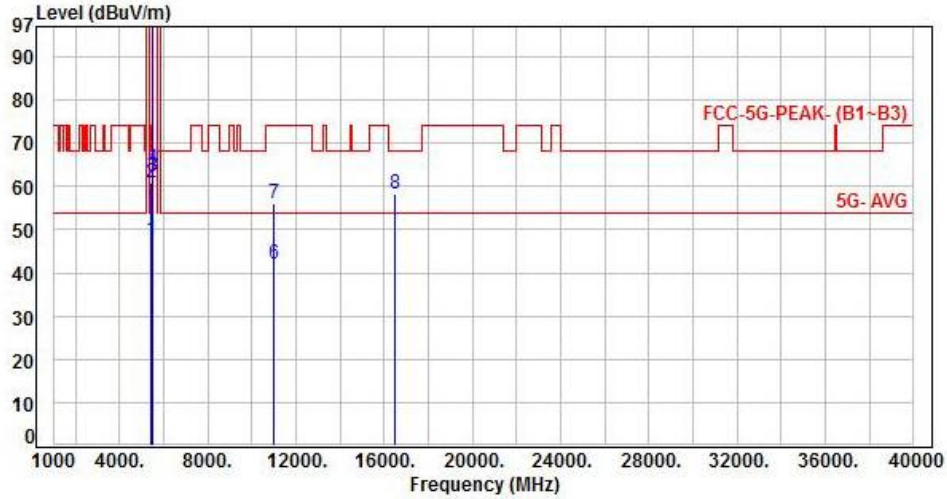


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	6.20	85.96	92.16	200.00	-107.84	Average	100	330	P
2	5290.00	6.20	96.86	103.06	200.00	-96.94	Peak	100	330	P
3	5350.00	6.27	46.06	52.33	54.00	-1.67	Average	100	330	P
4	5350.00	6.27	65.03	71.30	74.00	-2.70	Peak	100	330	P
5	10580.00	13.76	39.72	53.48	68.20	-14.72	Peak	100	47	P
6	15870.00	15.49	27.11	42.60	54.00	-11.40	Average	100	111	P
7	15870.00	15.49	39.85	55.34	74.00	-18.66	Peak	100	111	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	6.67	40.75	47.42	54.00	-6.58	Average	105	90	P
2	5460.00	6.67	54.24	60.91	74.00	-13.09	Peak	105	90	P
3	5470.00	6.68	55.55	62.23	68.20	-5.97	Peak	105	90	P
4	5500.00	6.70	57.33	64.03	200.00	-135.97	Average	105	90	P
5	5500.00	6.70	98.61	105.31	200.00	-94.69	Peak	105	90	P
6	11000.00	14.28	27.70	41.98	54.00	-12.02	Average	100	169	P
7	11000.00	14.28	41.71	55.99	74.00	-18.01	Peak	100	169	P
8	16500.00	16.53	41.58	58.11	68.20	-10.09	Peak	100	43	P

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