



FCC RADIO TEST REPORT

Applicant : Ubiquiti Inc.
Address : 685 Third Avenue, New York, New York 10017, USA
Equipment : UniFi Protect G4 Doorbell Pro
Model No. : UVC-G4 Doorbell Pro
Trade Name : UBIQUITI
FCC ID. : SWX-UVCG4DP

I HEREBY CERTIFY THAT :

The sample was received on May. 10, 2021 and the testing was completed on Jul. 03, 2021 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





CONTENTS

- 1. Summary of Test Procedure and Test Results 5
 - 1.1. Applicable Standards5
- 2. Test Configuration of Equipment under Test 6
 - 2.1. Feature of Equipment under Test.....6
 - 2.2. Carrier Frequency of Channels 7
 - 2.3. Test Mode and Test Software9
 - 2.4. Description of Test System..... 10
 - 2.5. General Information of Test..... 11
 - 2.6. Measurement Uncertainty 11
- 3. Test Equipment and Ancillaries Used for Tests 12
- 4. Antenna Requirements 13
 - 4.1. Standard Applicable 13
 - 4.2. Antenna Construction and Directional Gain..... 13
- 5. Test of AC Power Line Conducted Emission 14
 - 5.1. Test Limit 14
 - 5.2. Test Procedures 14
 - 5.3. Typical Test Setup 15
 - 5.4. Test Result and Data 16
 - 5.5. Test Photographs 18
- 6. Test of Spurious Emission (Radiated) 19
 - 6.1. Test Limit 19
 - 6.2. Test Procedures20
 - 6.3. Typical Test Setup21
 - 6.4. Test Result and Data (9kHz ~ 30MHz).....22
 - 6.5. Test Result and Data (30MHz ~ 1GHz).....22
 - 6.6. Test Result and Data (1GHz ~ 40GHz).....24
 - 6.7. Restricted Bands of Operation 108
 - 6.8. Test Photographs (30MHz ~ 1GHz) 109
 - 6.9. Test Photographs (1GHz ~ 40GHz) 110
- 7. On Time, Duty Cycle and Measurement methods 112
 - 7.1. Test Limit 112
 - 7.2. Test Procedure 112
 - 7.3. Test Setup Layout 112
 - 7.4. Test Result and Data 113
 - 7.5. Measurement Methods 113
- 8. 6dB Bandwidth & 99% Occupied Bandwidth 115
 - 8.1. Test Limit 115
 - 8.2. Test Procedure 115
 - 8.3. Test Setup Layout 115
 - 8.4. Test Result and Data (6dB Bandwidth) 116
 - 8.5. Test Result and Data (99% Occupied Bandwidth) 117
- 9. 26dB Bandwidth & 99% Occupied Bandwidth 124



- 9.1. Test Limit 124
- 9.2. Test Procedure 124
- 9.3. Test Setup Layout 124
- 9.4. Test Result and Data (26dB Bandwidth) 125
- 9.5. Test Result and Data (99% Occupied Bandwidth) 127
- 10. Average Power..... 143
 - 10.1. Test Limit 143
 - 10.2. Test Procedure 144
 - 10.3. Test Setup Layout 144
 - 10.4. Test Result and Data 145
- 11. Power Spectral Density 150
 - 11.1. Test Limit 150
 - 11.2. Test Procedure 150
 - 11.3. Test Setup Layout 150
 - 11.4. Test Result and Data 151
- 12. Radio Frequency Exposure 162
 - 12.1. Applicable Standards 162
 - 12.2. EUT Specification 162
 - 12.3. Test Results 162
 - 12.4. Calculation..... 163
 - 12.5. Maximum Permissible Exposure 164



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(21050068-TEFV01).



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Frequency Range	NFC: 13.553MHz~13.567MHz BT / BLE: 2402MHz~2480MHz 802.11b/g/n: 2412MHz~2462MHzMHz 802.11a/n/ac: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Modulation Type	NFC: ASK BT: GFSK, $\pi/4$ -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, $\pi/4$ -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	Internal Antenna
Antenna Gain	For NFC: 13.553MHz~13.567MHz: 0.00dBi For BT / BLE: 2402MHz~2480MHz: 2.00dBi For WLAN: 2412MHz~2462MHz: 2.00dBi 5180-5240 MHz: 4.00dBi 5260-5320MHz: 4.00dBi 5500-5720MHz: 4.00dBi 5745-5825MHz: 4.00dBi
Firmware Number	4.37.45.67-fcddbga.12730a.210428.0858

Note:

1. EUT support TPC Function.
2. WLAN 5GHz and BT can simultaneously transmission.
3. EUT supports DFS Client Mode, without radar detection.
4. EUT support indoor / outdoor function.
5. 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 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, " 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)
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" 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)
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" 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.	

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
Transformer	N/A	2420	N/A	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Transformer	N/A	2420	N/A	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Transformer	N/A	2420	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	2021/05/29~2021/05/31	26~28°C / 42~45%	Nick Guan
Radiated Emissions	3M02-NK	2021/05/16~2021/07/01	21.9~25.6°C / 39~45%	Nick Guan
AC Power Line Conducted Emission	CON01-NK	2021/07/03	26°C / 54%	Dian Chen

2.6. Measurement Uncertainty

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.63dB
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	369	2021/04/26	2022/04/25
Active Loop Antenna	EMCO	6507	40855	2020/05/21	2021/05/20
Active Loop Antenna	EMCO	6507	40855	2021/06/10	2022/06/09
Horn Antenna	EMCO	3115	31601	2020/10/16	2021/10/15
Horn Antenna	EMCO	3116	31974	2020/09/24	2021/09/23
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2020/09/11	2021/09/10
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2020/08/03	2021/08/02
Preamplifier	EM Electronics corp.	EM330	60658	2020/10/20	2021/10/19
Preamplifier	EM Electronics corp.	EM330	60660	2021/03/18	2022/03/17
Preamplifier	Agilent	8449B	3008A01954	2021/03/22	2022/03/21
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2020/11/06	2021/11/05
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-38MS50314	2021/04/08	2022/04/07
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2020/09/18	2021/09/17
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
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2020/08/03	2021/08/02
Bluetooth Tester	ROHDE & SCHWARZ	CBT	101133	2021/04/19	2022/04/18
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2020/12/25	2021/12/24
Attenuator	KEYSIGHT	8491B	MY39250703	2021/04/09	2022/04/08
TEMP & HUMI CHAMBER	T-MACHINE	TMJ-9712	T-12-040111	2020/08/25	2021/08/24
Power Meter	Anritsu	ML2495A	1224005	2021/04/14	2022/04/13
Power Sensor	Anritsu	MA2411B	1207295	2021/04/14	2022/04/13

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	100821	2020/09/11	2021/09/10
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-516	2020/09/26	2021/09/25
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101933	2020/09/17	2021/09/16
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2020/09/18	2021/09/17
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	Internal Antenna
Antenna Gain	5180-5240MHz: ANT A: 4.00dBi
	5260-5320MHz: ANT A: 4.00dBi
	5500-5720MHz: ANT A: 4.00dBi
	5745-5825MHz: ANT A: 4.00dBi

For Power directional gain= G_{ant} = 4.00 dBi

For PSD directional gain = G_{ant} = 4.00 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 C63.4-2014. 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

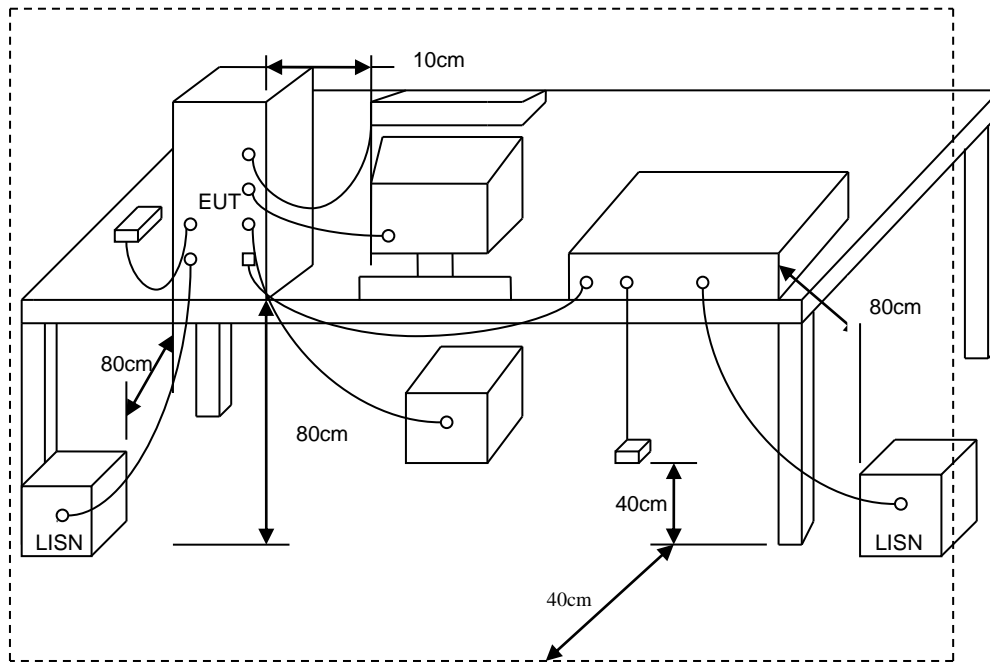
*Decreases with the logarithm of the frequency.

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.



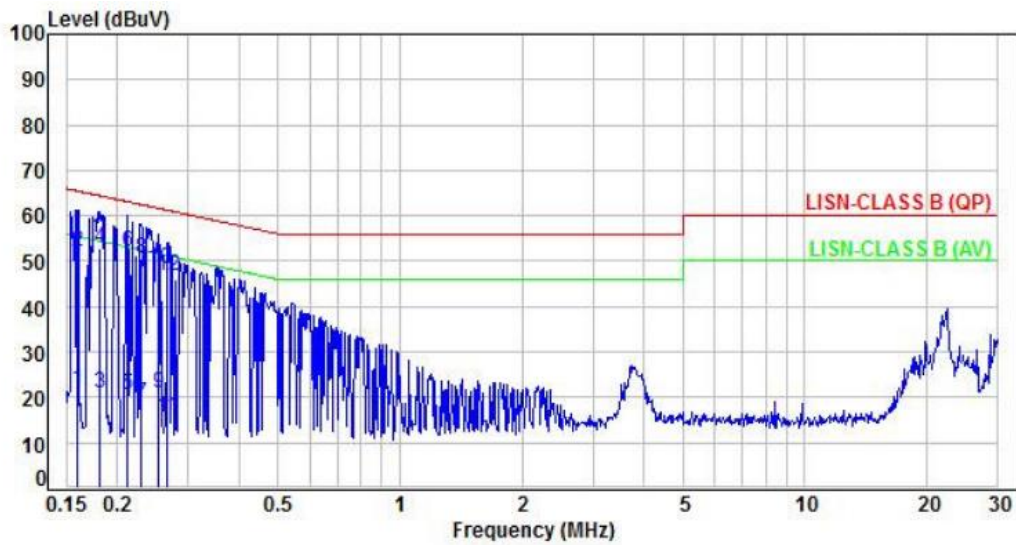
5.3. Typical Test Setup





5.4. Test Result and Data

Power	: AC 120V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 1, CH60		:

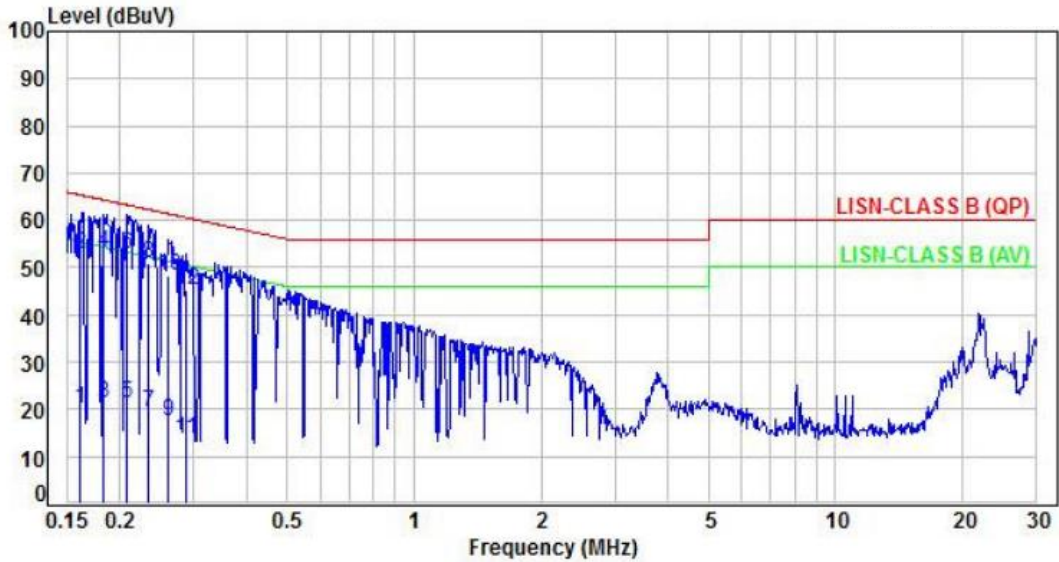


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.96	11.73	21.69	55.47	-33.78	Average	P
2	0.16	9.96	42.26	52.22	65.47	-13.25	QP	P
3	0.18	9.96	10.97	20.93	54.46	-33.53	Average	P
4	0.18	9.96	42.90	52.86	64.46	-11.60	QP	P
5	0.21	9.96	10.44	20.40	53.14	-32.74	Average	P
6	0.21	9.96	42.03	51.99	63.14	-11.15	QP	P
7	0.23	9.96	8.79	18.75	52.48	-33.73	Average	P
8	0.23	9.96	40.78	50.74	62.48	-11.74	QP	P
9	0.25	9.96	10.90	20.86	51.69	-30.83	Average	P
10	0.25	9.96	38.27	48.23	61.69	-13.46	QP	P
11	0.27	9.96	5.68	15.64	51.25	-35.61	Average	P
12	0.27	9.96	36.95	46.91	61.25	-14.34	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 1, CH60		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.97	10.37	20.34	55.42	-35.08	Average	P
2	0.16	9.97	42.91	52.88	65.42	-12.54	QP	P
3	0.18	9.97	11.44	21.41	54.37	-32.96	Average	P
4	0.18	9.97	43.20	53.17	64.37	-11.20	QP	P
5	0.21	9.97	11.17	21.14	53.27	-32.13	Average	P
6	0.21	9.97	43.03	53.00	63.27	-10.27	QP	P
7	0.23	9.97	9.57	19.54	52.30	-32.76	Average	P
8	0.23	9.97	41.13	51.10	62.30	-11.20	QP	P
9	0.26	9.97	7.61	17.58	51.42	-33.84	Average	P
10	0.26	9.97	38.45	48.42	61.42	-13.00	QP	P
11	0.29	9.97	3.88	13.85	50.59	-36.74	Average	P
12	0.29	9.97	35.27	45.24	60.59	-15.35	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

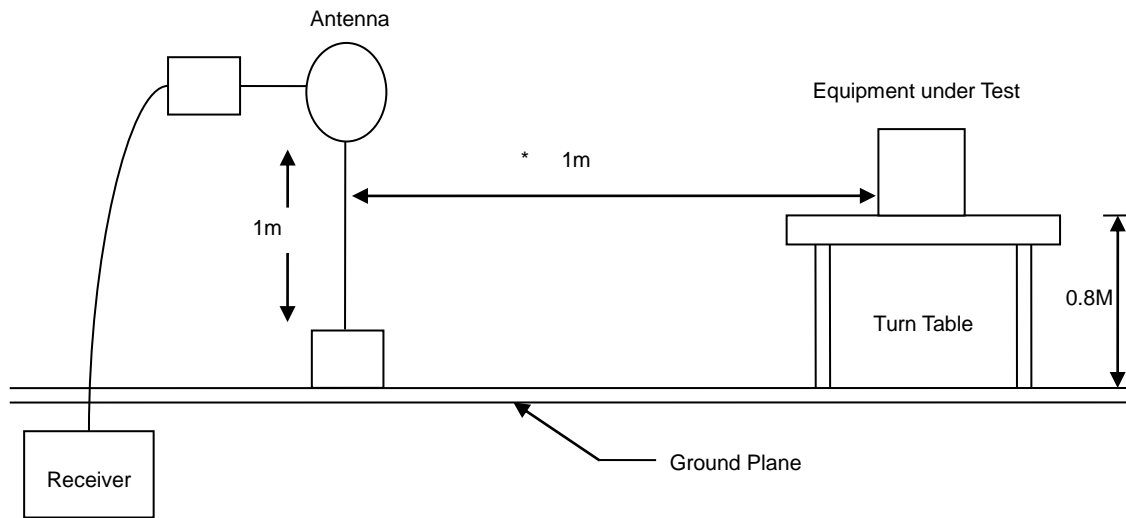
- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- 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: The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized.
(Y-AXIS is the worst.)

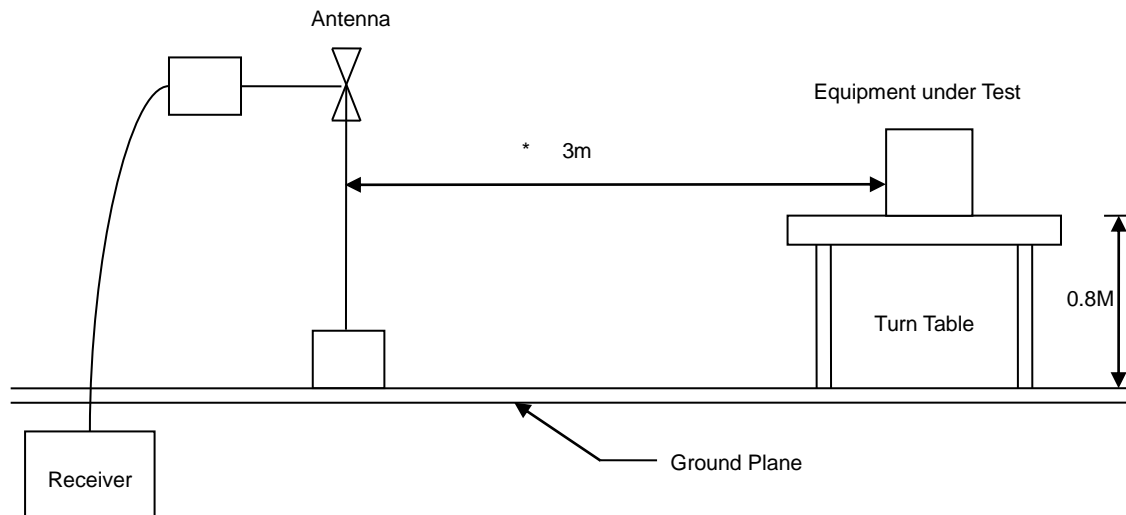


6.3. Typical Test Setup

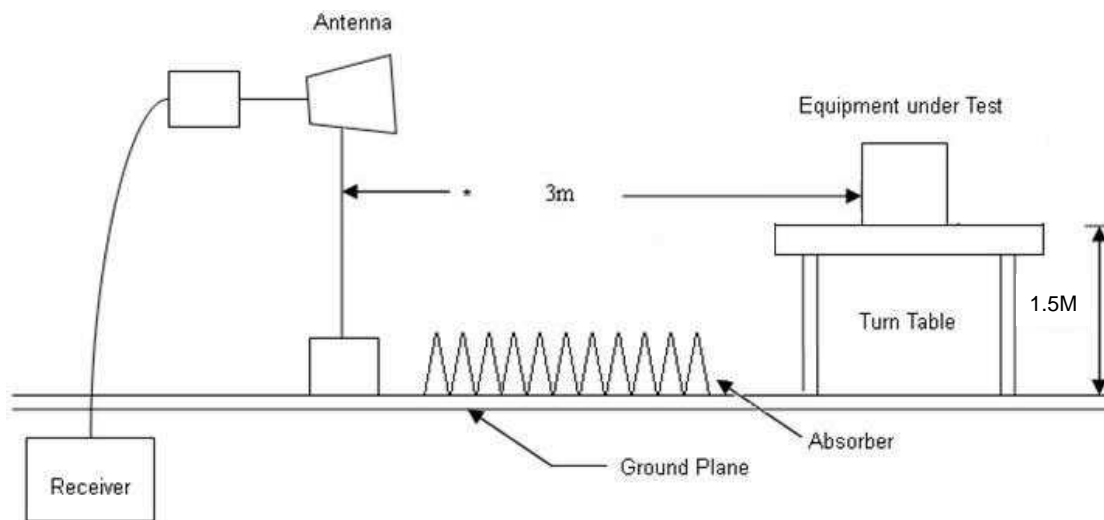
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



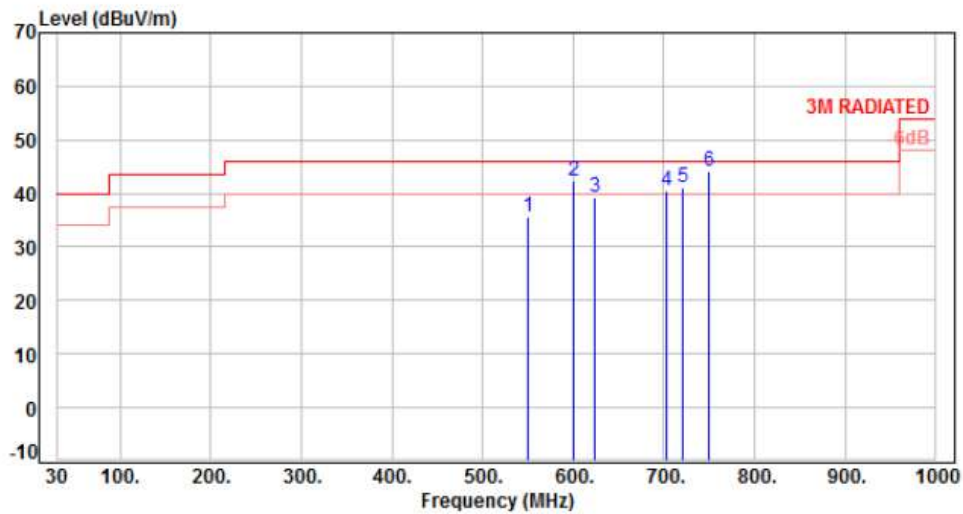


6.4. Test Result and Data (9kHz ~ 30MHz)

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, CH60		:

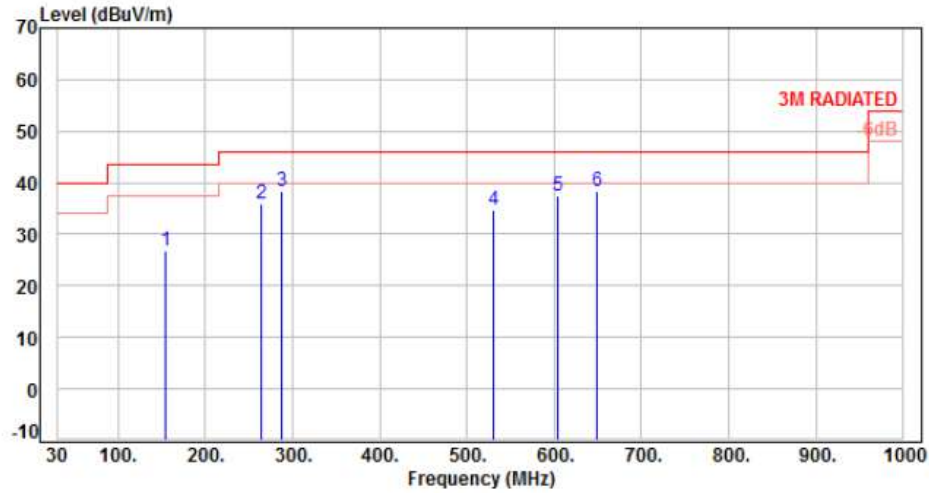


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	550.16	-3.69	39.36	35.67	46.00	-10.33	Peak	400	360	P
2	600.79	-2.60	45.04	42.44	46.00	-3.56	Peak	400	360	P
3	624.15	-2.07	41.32	39.25	46.00	-6.75	Peak	400	360	P
4	702.62	-1.10	41.68	40.58	46.00	-5.42	Peak	400	360	P
5	721.01	-0.93	41.92	40.99	46.00	-5.01	Peak	400	360	P
6	749.36	-0.24	44.31	44.07	46.00	-1.93	QP	125	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, CH60		:



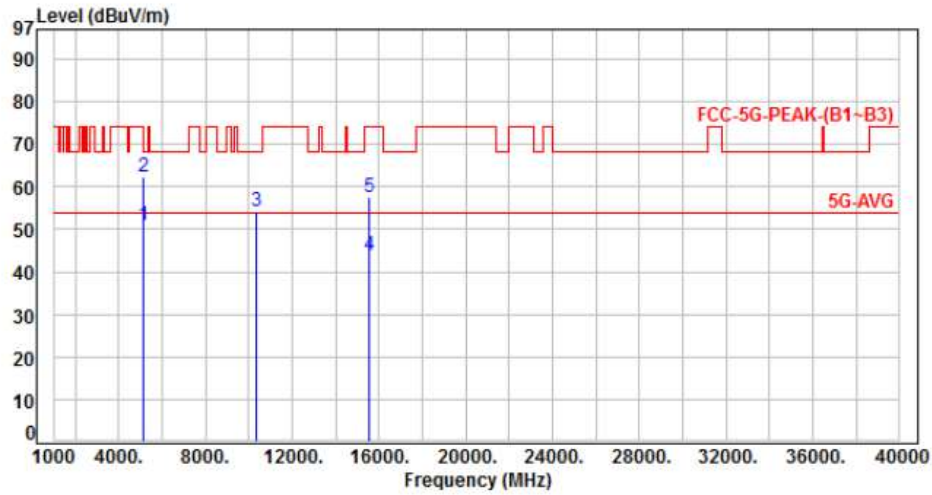
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	154.32	-10.85	37.53	26.68	43.50	-16.82	Peak	400	360	P
2	263.48	-11.02	47.00	35.98	46.00	-10.02	Peak	400	360	P
3	288.10	-10.00	48.34	38.34	46.00	-7.66	Peak	400	360	P
4	530.00	-4.17	38.88	34.71	46.00	-11.29	Peak	400	360	P
5	603.21	-2.55	40.12	37.57	46.00	-8.43	Peak	400	360	P
6	649.32	-1.94	40.23	38.29	46.00	-7.71	Peak	400	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		:

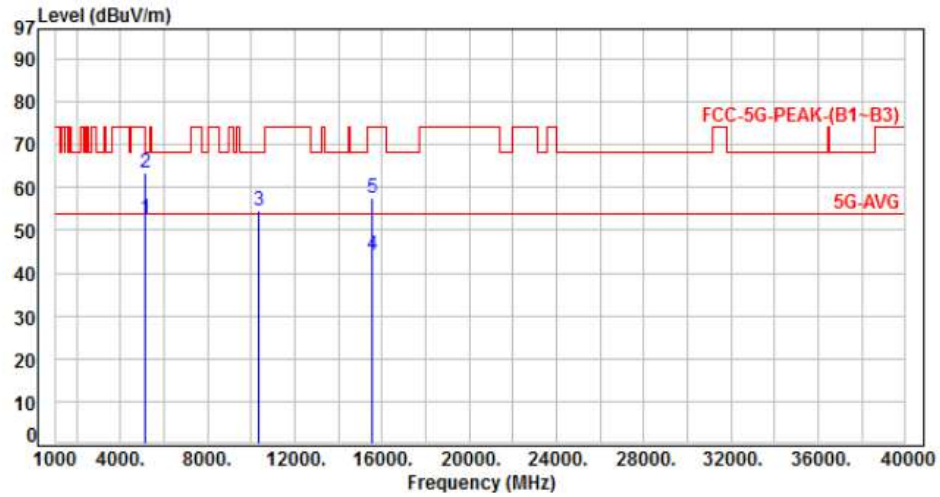


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	45.19	50.80	54.00	-3.20	Average	108	353	P
2	5150.00	5.61	56.68	62.29	74.00	-11.71	Peak	108	353	P
3	10360.00	12.71	41.49	54.20	68.20	-14.00	Peak	100	333	P
4	15540.00	15.11	28.84	43.95	54.00	-10.05	Average	100	276	P
5	15540.00	15.11	42.36	57.47	74.00	-16.53	Peak	100	276	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		:

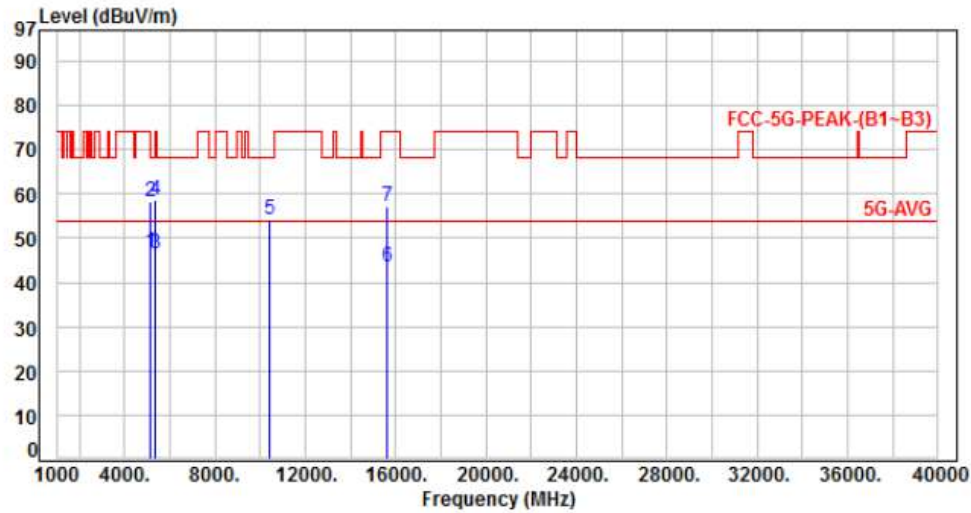


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	47.19	52.80	54.00	-1.20	Average	285	307	P
2	5150.00	5.61	57.67	63.28	74.00	-10.72	Peak	285	307	P
3	10360.00	12.71	41.74	54.45	68.20	-13.75	Peak	100	248	P
4	15540.00	15.11	28.99	44.10	54.00	-9.90	Average	100	283	P
5	15540.00	15.11	42.54	57.65	74.00	-16.35	Peak	100	283	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		:

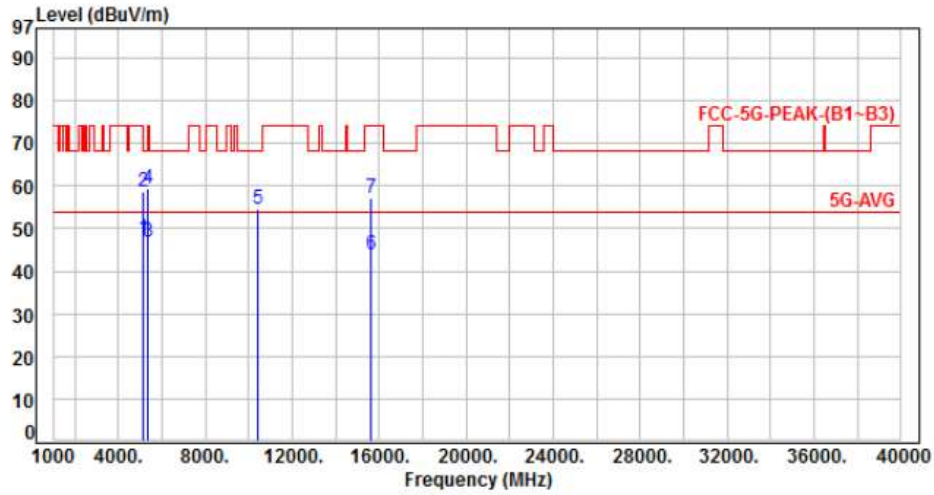


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	41.33	46.94	54.00	-7.06	Average	100	338	P
2	5150.00	5.61	52.85	58.46	74.00	-15.54	Peak	100	338	P
3	5350.00	5.99	40.32	46.31	54.00	-7.69	Average	100	338	P
4	5350.00	5.99	52.77	58.76	74.00	-15.24	Peak	100	338	P
5	10400.00	12.76	41.38	54.14	68.20	-14.06	Peak	100	357	P
6	15600.00	14.71	28.94	43.65	54.00	-10.35	Average	100	284	P
7	15600.00	14.71	42.41	57.12	74.00	-16.88	Peak	100	284	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		:

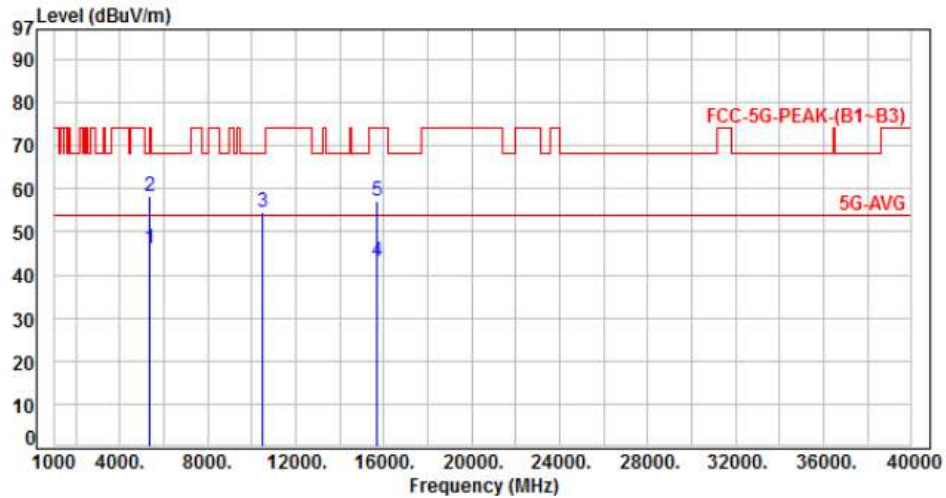


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	41.99	47.60	54.00	-6.40	Average	100	356	P
2	5150.00	5.61	52.90	58.51	74.00	-15.49	Peak	100	356	P
3	5350.00	5.99	40.87	46.86	54.00	-7.14	Average	100	356	P
4	5350.00	5.99	53.42	59.41	74.00	-14.59	Peak	100	356	P
5	10400.00	12.76	41.83	54.59	68.20	-13.61	Peak	100	324	P
6	15600.00	14.71	29.03	43.74	54.00	-10.26	Average	100	276	P
7	15600.00	14.71	42.39	57.10	74.00	-16.90	Peak	100	276	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		:

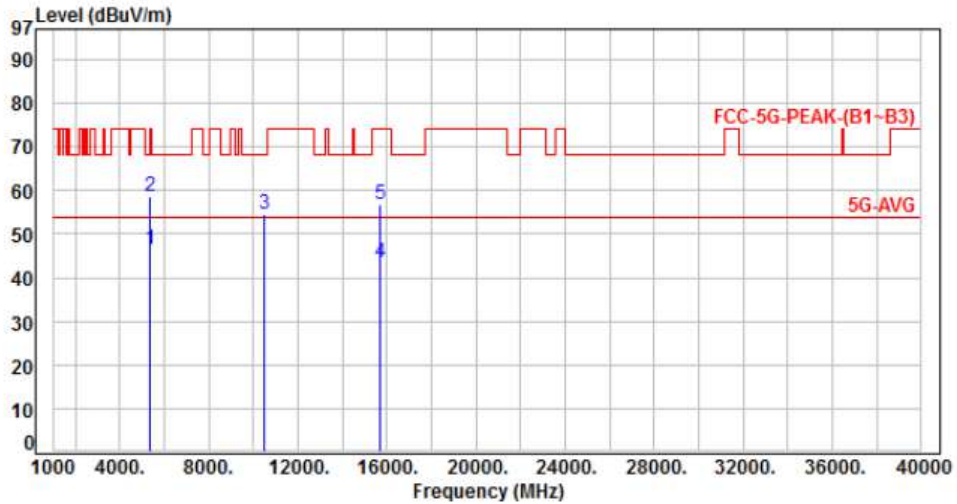


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	40.29	46.28	54.00	-7.72	Average	392	342	P
2	5350.00	5.99	52.28	58.27	74.00	-15.73	Peak	392	342	P
3	10480.00	12.88	41.74	54.62	68.20	-13.58	Peak	100	279	P
4	15720.00	14.37	28.95	43.32	54.00	-10.68	Average	100	357	P
5	15720.00	14.37	42.78	57.15	74.00	-16.85	Peak	100	357	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		:

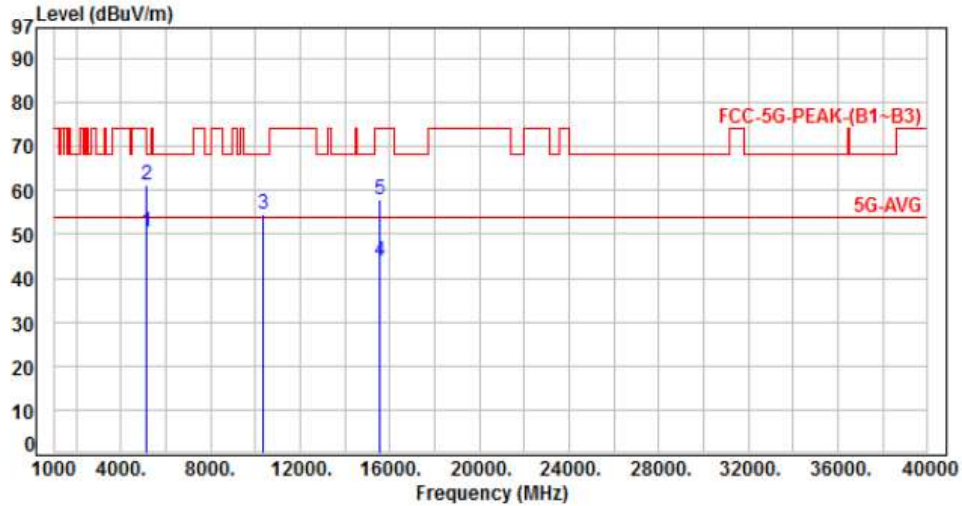


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	40.39	46.38	54.00	-7.62	Average	100	355	P
2	5350.00	5.99	52.48	58.47	74.00	-15.53	Peak	100	355	P
3	10480.00	12.88	41.67	54.55	68.20	-13.65	Peak	100	280	P
4	15720.00	14.37	29.18	43.55	54.00	-10.45	Average	100	328	P
5	15720.00	14.37	42.56	56.93	74.00	-17.07	Peak	100	328	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		:

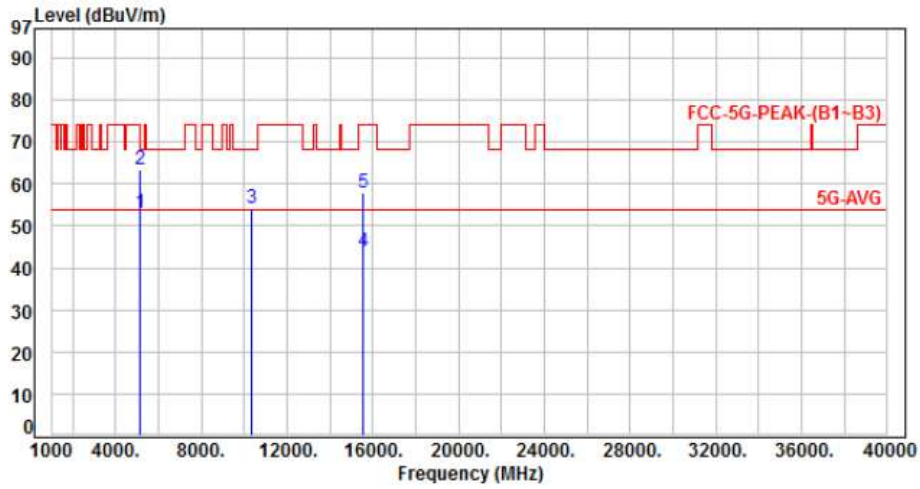


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	44.74	50.35	54.00	-3.65	Average	141	359	P
2	5150.00	5.61	55.69	61.30	74.00	-12.70	Peak	141	359	P
3	10360.00	12.71	41.82	54.53	68.20	-13.67	Peak	100	327	P
4	15540.00	15.11	28.89	44.00	54.00	-10.00	Average	100	261	P
5	15540.00	15.11	42.96	58.07	74.00	-15.93	Peak	100	261	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		:

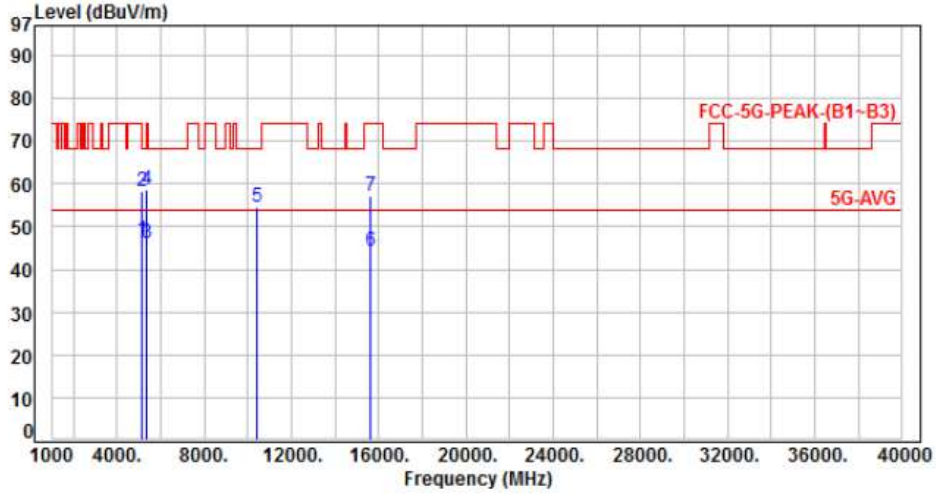


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	47.33	52.94	54.00	-1.06	Average	107	347	P
2	5150.00	5.61	57.65	63.26	74.00	-10.74	Peak	107	347	P
3	10360.00	12.71	41.48	54.19	68.20	-14.01	Peak	100	313	P
4	15540.00	15.11	28.83	43.94	54.00	-10.06	Average	100	299	P
5	15540.00	15.11	42.89	58.00	74.00	-16.00	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 4, Band 1, CH40		

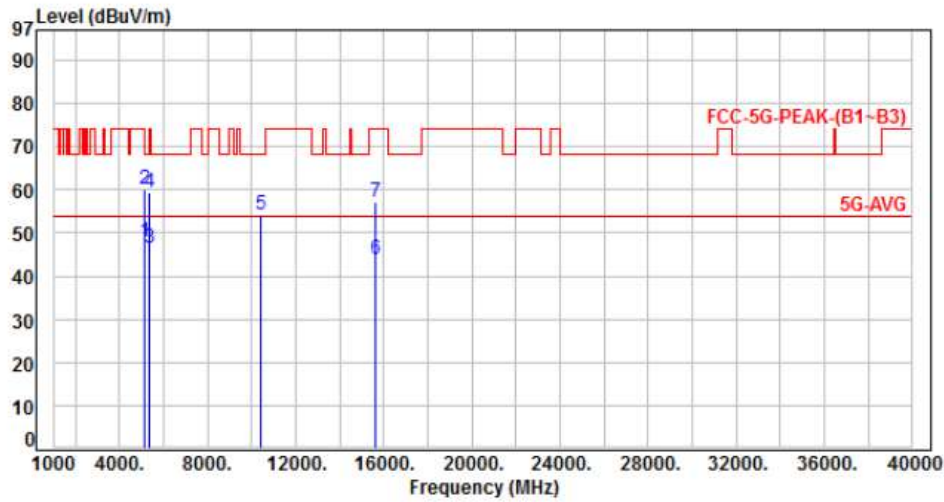


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	41.40	47.01	54.00	-6.99	Average	100	339	P
2	5150.00	5.61	52.83	58.44	74.00	-15.56	Peak	100	339	P
3	5350.00	5.99	40.27	46.26	54.00	-7.74	Average	100	339	P
4	5350.00	5.99	52.48	58.47	74.00	-15.53	Peak	100	339	P
5	10400.00	12.76	41.69	54.45	68.20	-13.75	Peak	100	317	P
6	15600.00	14.71	29.57	44.28	54.00	-9.72	Average	100	294	P
7	15600.00	14.71	42.58	57.29	74.00	-16.71	Peak	100	294	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		:

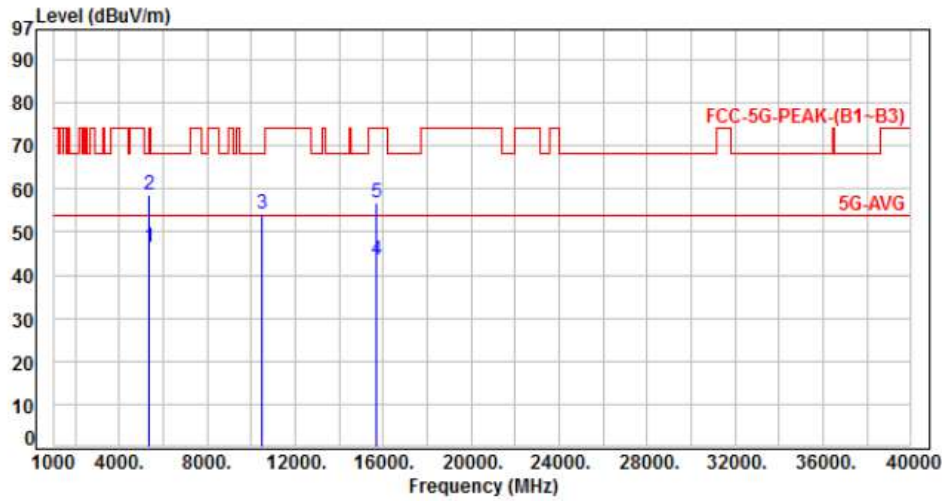


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	42.43	48.04	54.00	-5.96	Average	123	352	P
2	5150.00	5.61	54.39	60.00	74.00	-14.00	Peak	123	352	P
3	5350.00	5.99	40.38	46.37	54.00	-7.63	Average	123	352	P
4	5350.00	5.99	53.35	59.34	74.00	-14.66	Peak	123	352	P
5	10400.00	12.76	41.58	54.34	68.20	-13.86	Peak	100	327	P
6	15600.00	14.71	29.36	44.07	54.00	-9.93	Average	100	267	P
7	15600.00	14.71	42.37	57.08	74.00	-16.92	Peak	100	267	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	5350.00	5.99	40.31	46.30	54.00	-7.70	Average	392	341	P
2	5350.00	5.99	52.67	58.66	74.00	-15.34	Peak	392	341	P
3	10480.00	12.88	41.21	54.09	68.20	-14.11	Peak	100	359	P
4	15720.00	14.37	29.13	43.50	54.00	-10.50	Average	100	266	P
5	15720.00	14.37	42.42	56.79	74.00	-17.21	Peak	100	266	P

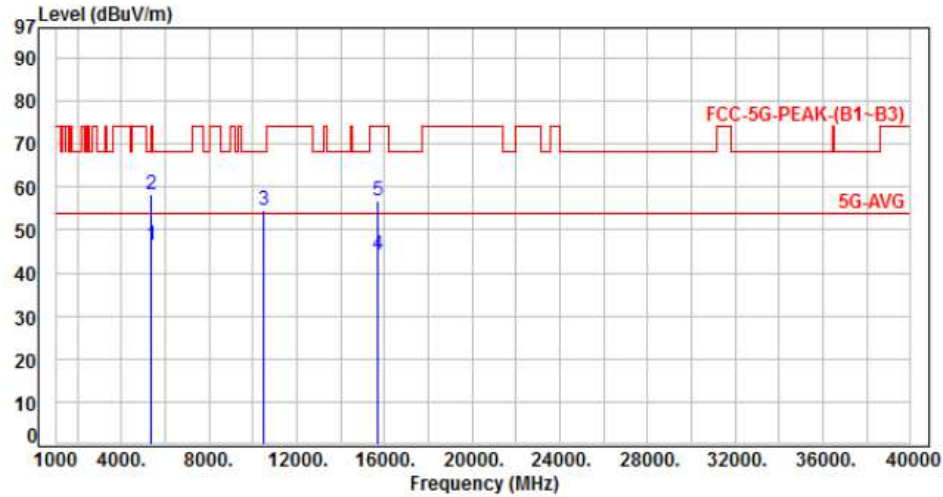
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

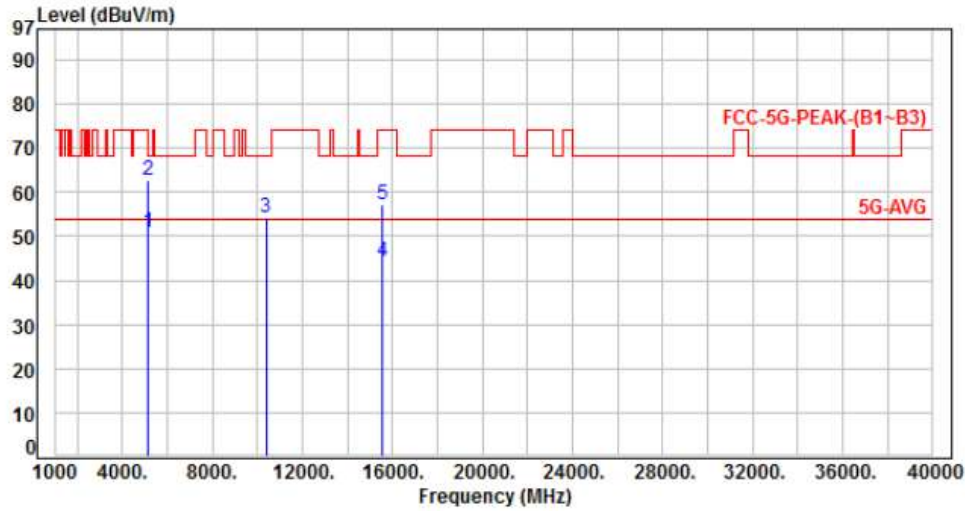


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	40.35	46.34	54.00	-7.66	Average	100	352	P
2	5350.00	5.99	52.33	58.32	74.00	-15.68	Peak	100	352	P
3	10480.00	12.88	41.62	54.50	68.20	-13.70	Peak	100	258	P
4	15720.00	14.37	29.76	44.13	54.00	-9.87	Average	100	317	P
5	15720.00	14.37	42.59	56.96	74.00	-17.04	Peak	100	317	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		:

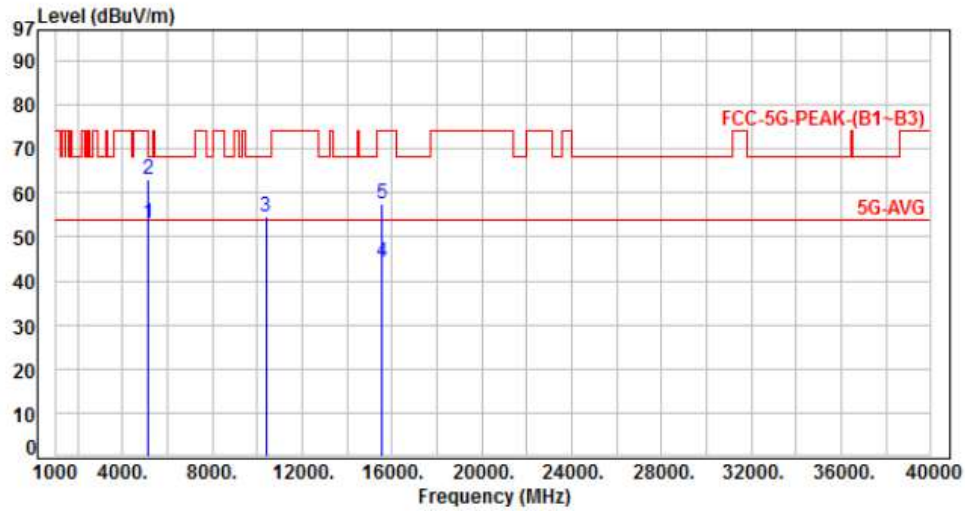


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	45.17	50.78	54.00	-3.22	Average	103	355	P
2	5150.00	5.61	56.98	62.59	74.00	-11.41	Peak	103	355	P
3	10380.00	12.73	41.39	54.12	68.20	-14.08	Peak	100	288	P
4	15570.00	14.91	29.31	44.22	54.00	-9.78	Average	100	329	P
5	15570.00	14.91	42.35	57.26	74.00	-16.74	Peak	100	329	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		:

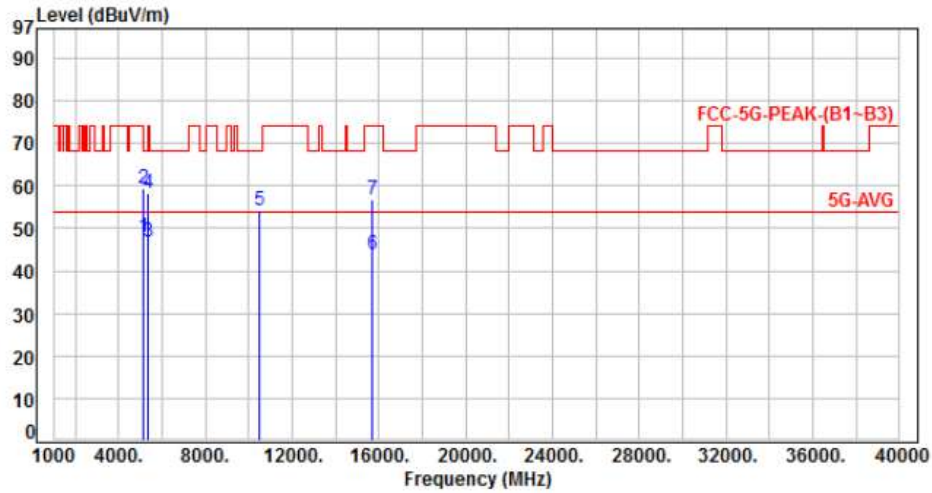


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	47.64	53.25	54.00	-0.75	Average	284	323	P
2	5150.00	5.61	57.49	63.10	74.00	-10.90	Peak	284	323	P
3	10380.00	12.73	41.89	54.62	68.20	-13.58	Peak	100	346	P
4	15570.00	14.91	29.33	44.24	54.00	-9.76	Average	100	274	P
5	15570.00	14.91	42.45	57.36	74.00	-16.64	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 5, Band 1, CH46		:

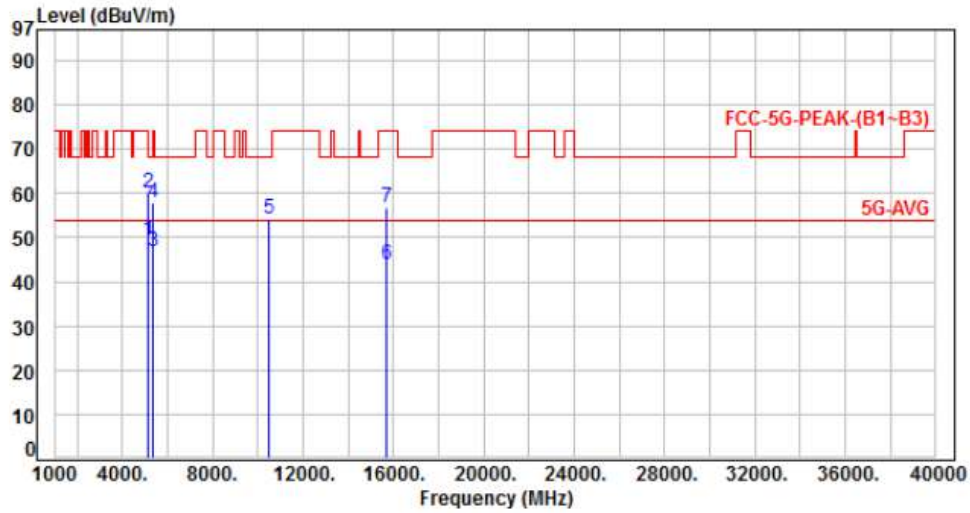


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	42.17	47.78	54.00	-6.22	Average	100	339	P
2	5150.00	5.61	53.95	59.56	74.00	-14.44	Peak	100	339	P
3	5350.00	5.99	40.68	46.67	54.00	-7.33	Average	100	339	P
4	5350.00	5.99	52.38	58.37	74.00	-15.63	Peak	100	339	P
5	10460.00	12.85	41.36	54.21	68.20	-13.99	Peak	100	347	P
6	15690.00	14.38	29.34	43.72	54.00	-10.28	Average	100	347	P
7	15690.00	14.38	42.48	56.86	74.00	-17.14	Peak	100	347	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		:

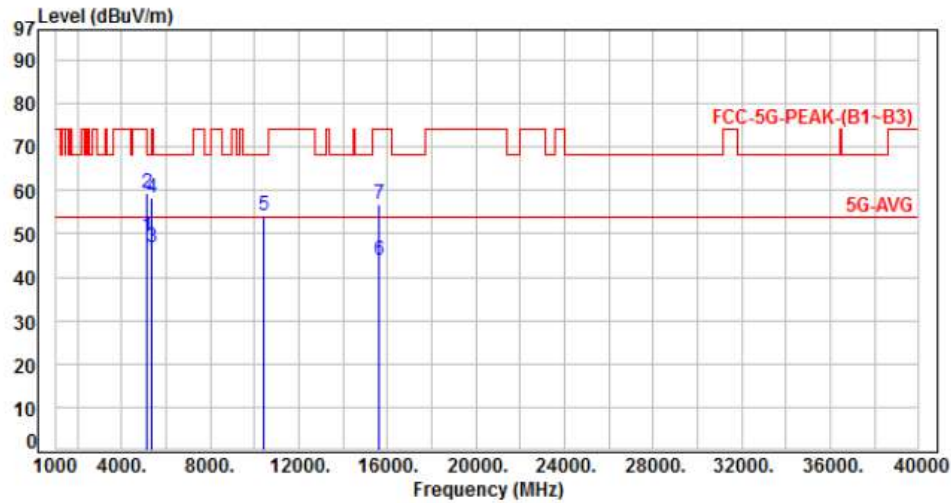


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	43.78	49.39	54.00	-4.61	Average	109	360	P
2	5150.00	5.61	54.53	60.14	74.00	-13.86	Peak	109	360	P
3	5350.00	5.99	40.88	46.87	54.00	-7.13	Average	109	360	P
4	5350.00	5.99	52.08	58.07	74.00	-15.93	Peak	109	360	P
5	10460.00	12.85	41.54	54.39	68.20	-13.81	Peak	100	277	P
6	15690.00	14.38	29.66	44.04	54.00	-9.96	Average	100	328	P
7	15690.00	14.38	42.44	56.82	74.00	-17.18	Peak	100	328	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		:

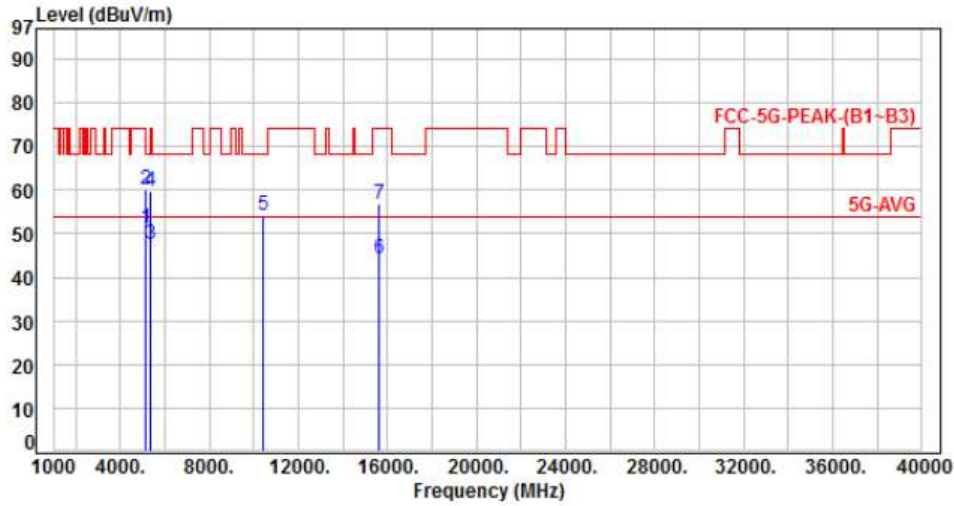


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	43.67	49.28	54.00	-4.72	Average	106	354	P
2	5150.00	5.61	53.60	59.21	74.00	-14.79	Peak	106	354	P
3	5350.00	5.99	41.02	47.01	54.00	-6.99	Average	106	354	P
4	5350.00	5.99	52.31	58.30	74.00	-15.70	Peak	106	354	P
5	10420.00	12.79	41.37	54.16	68.20	-14.04	Peak	100	347	P
6	15630.00	14.60	29.37	43.97	54.00	-10.03	Average	100	286	P
7	15630.00	14.60	42.26	56.86	74.00	-17.14	Peak	100	286	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		:

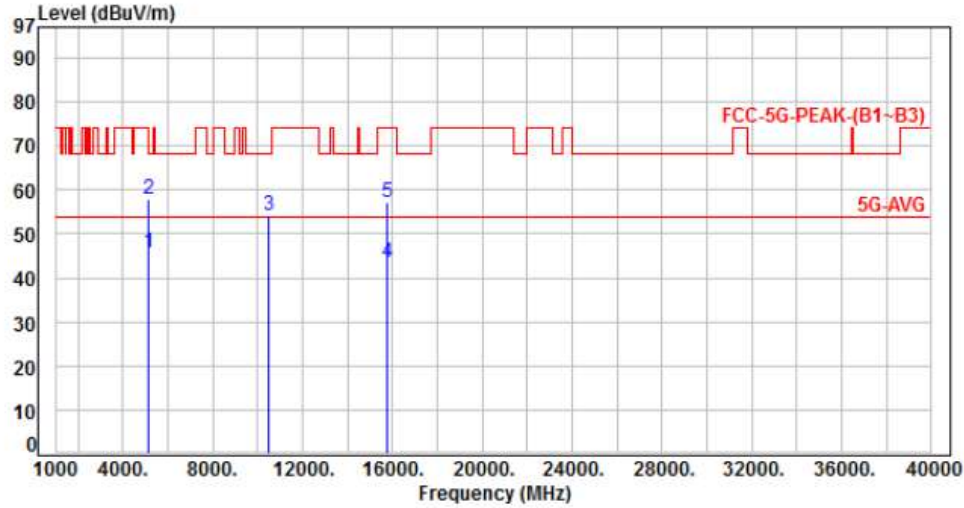


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	45.60	51.21	54.00	-2.79	Average	287	312	P
2	5150.00	5.61	54.33	59.94	74.00	-14.06	Peak	287	312	P
3	5350.00	5.99	41.67	47.66	54.00	-6.34	Average	287	312	P
4	5350.00	5.99	53.81	59.80	74.00	-14.20	Peak	287	312	P
5	10420.00	12.79	41.46	54.25	68.20	-13.95	Peak	100	339	P
6	15630.00	14.60	29.67	44.27	54.00	-9.73	Average	100	267	P
7	15630.00	14.60	42.33	56.93	74.00	-17.07	Peak	100	267	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		:

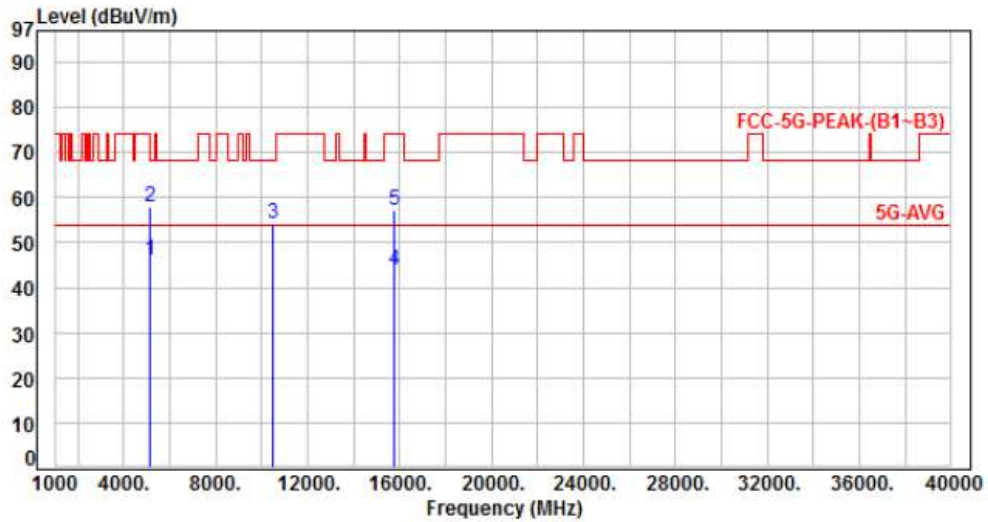


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.20	45.81	54.00	-8.19	Average	100	8	P
2	5150.00	5.61	52.15	57.76	74.00	-16.24	Peak	100	8	P
3	10520.00	12.97	41.38	54.35	68.20	-13.85	Peak	100	34	P
4	15780.00	14.45	29.18	43.63	54.00	-10.37	Average	100	59	P
5	15780.00	14.45	42.67	57.12	74.00	-16.88	Peak	100	59	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		:

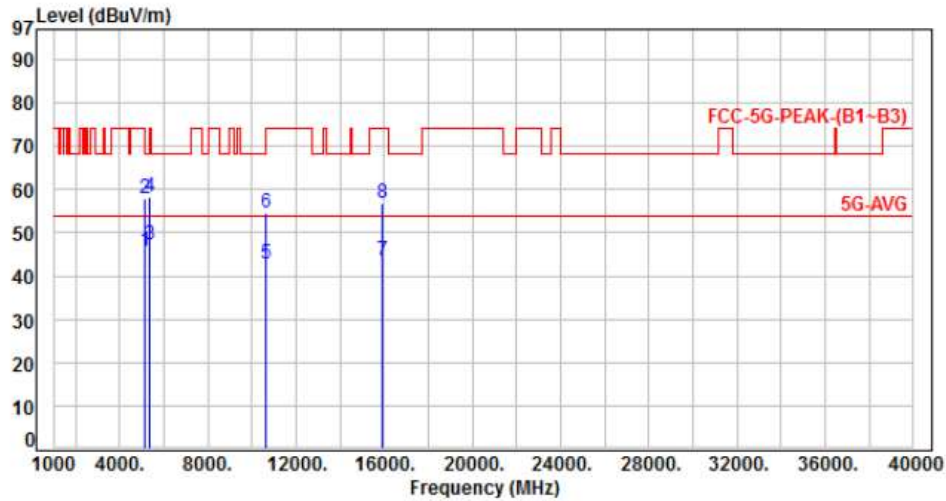


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.39	46.00	54.00	-8.00	Average	265	322	P
2	5150.00	5.61	52.44	58.05	74.00	-15.95	Peak	265	322	P
3	10520.00	12.97	41.23	54.20	68.20	-14.00	Peak	100	306	P
4	15780.00	14.45	29.46	43.91	54.00	-10.09	Average	100	279	P
5	15780.00	14.45	42.76	57.21	74.00	-16.79	Peak	100	279	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		:

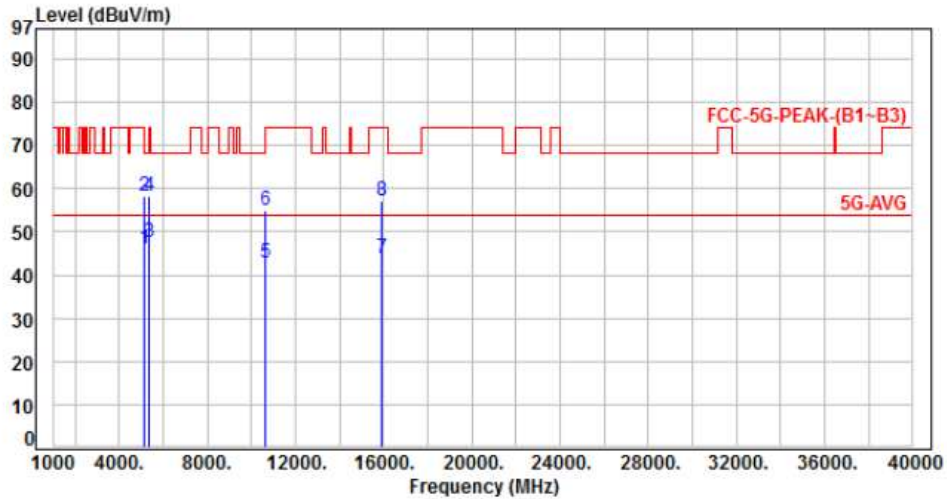


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.26	45.87	54.00	-8.13	Average	218	356	P
2	5150.00	5.61	52.39	58.00	74.00	-16.00	Peak	218	356	P
3	5350.00	5.99	41.23	47.22	54.00	-6.78	Average	218	356	P
4	5350.00	5.99	52.46	58.45	74.00	-15.55	Peak	218	356	P
5	10600.00	13.23	29.42	42.65	54.00	-11.35	Average	100	327	P
6	10600.00	13.23	41.42	54.65	74.00	-19.35	Peak	100	327	P
7	15900.00	14.21	29.39	43.60	54.00	-10.40	Average	100	274	P
8	15900.00	14.21	42.69	56.90	74.00	-17.10	Peak	100	274	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		:

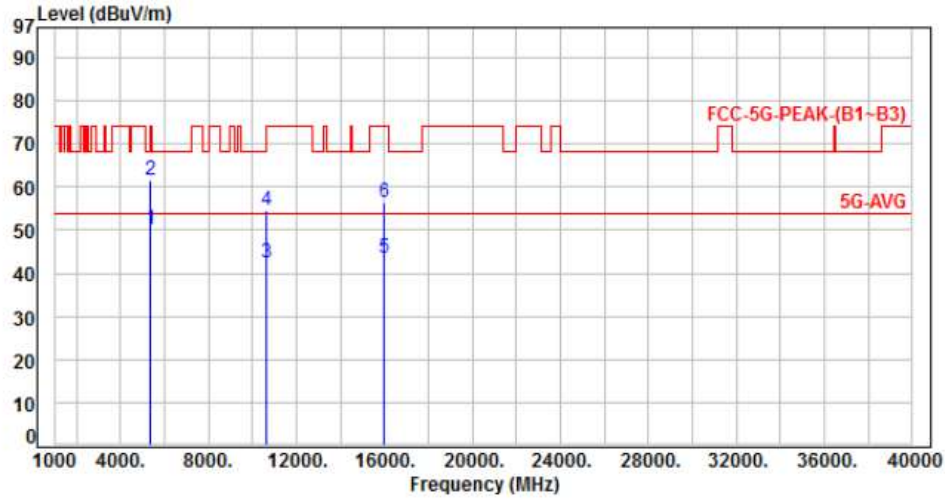


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.44	46.05	54.00	-7.95	Average	229	335	P
2	5150.00	5.61	52.83	58.44	74.00	-15.56	Peak	229	335	P
3	5350.00	5.99	41.56	47.55	54.00	-6.45	Average	229	335	P
4	5350.00	5.99	52.35	58.34	74.00	-15.66	Peak	229	335	P
5	10600.00	13.23	29.40	42.63	54.00	-11.37	Average	100	287	P
6	10600.00	13.23	41.72	54.95	74.00	-19.05	Peak	100	287	P
7	15900.00	14.21	29.73	43.94	54.00	-10.06	Average	100	348	P
8	15900.00	14.21	42.86	57.07	74.00	-16.93	Peak	100	348	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		:

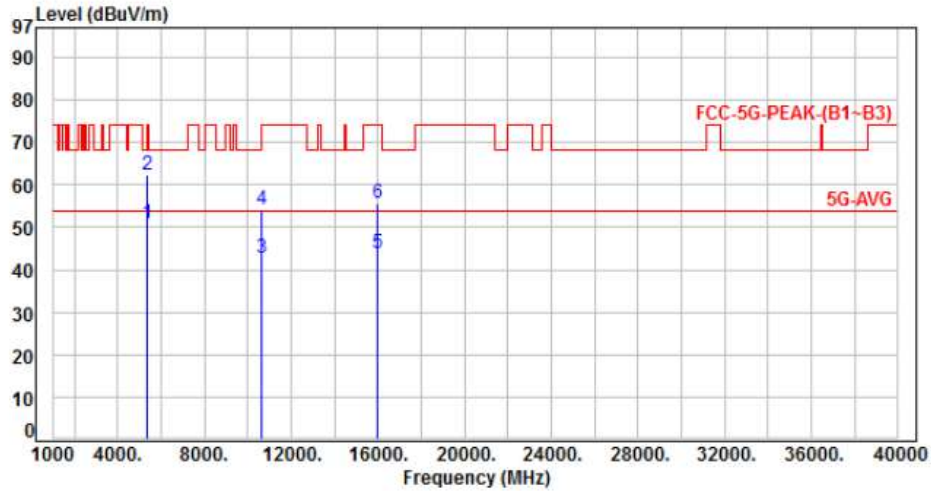


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	44.15	50.14	54.00	-3.86	Average	206	357	P
2	5350.00	5.99	55.43	61.42	74.00	-12.58	Peak	206	357	P
3	10640.00	13.23	29.25	42.48	54.00	-11.52	Average	100	343	P
4	10640.00	13.23	41.23	54.46	74.00	-19.54	Peak	100	343	P
5	15960.00	14.11	29.34	43.45	54.00	-10.55	Average	100	291	P
6	15960.00	14.11	42.36	56.47	74.00	-17.53	Peak	100	291	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		:

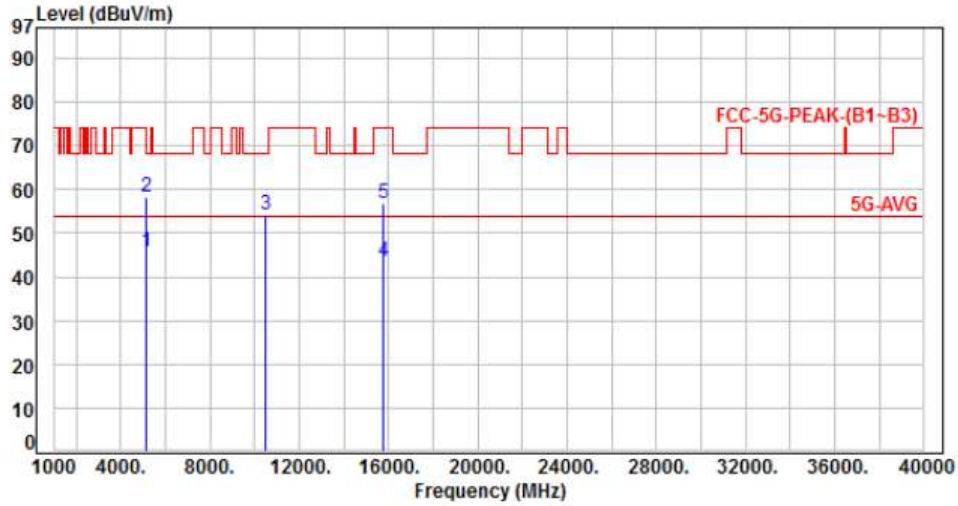


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	45.07	51.06	54.00	-2.94	Average	188	340	P
2	5350.00	5.99	56.32	62.31	74.00	-11.69	Peak	188	340	P
3	10640.00	13.23	29.47	42.70	54.00	-11.30	Average	100	353	P
4	10640.00	13.23	40.82	54.05	74.00	-19.95	Peak	100	353	P
5	15960.00	14.11	29.73	43.84	54.00	-10.16	Average	100	317	P
6	15960.00	14.11	41.43	55.54	74.00	-18.46	Peak	100	317	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		:

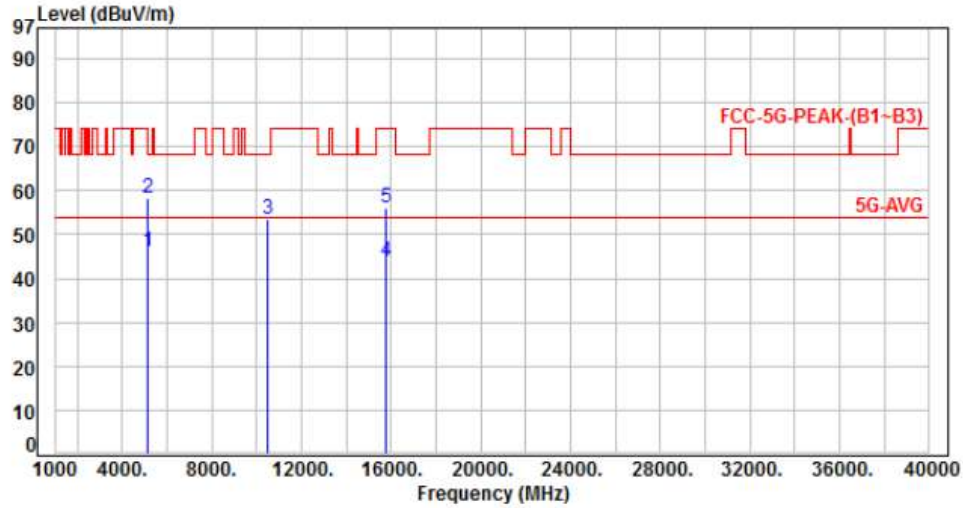


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.24	45.85	54.00	-8.15	Average	160	358	P
2	5150.00	5.61	52.67	58.28	74.00	-15.72	Peak	160	358	P
3	10520.00	12.97	41.15	54.12	68.20	-14.08	Peak	100	339	P
4	15780.00	14.45	29.13	43.58	54.00	-10.42	Average	100	284	P
5	15780.00	14.45	42.36	56.81	74.00	-17.19	Peak	100	284	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		:

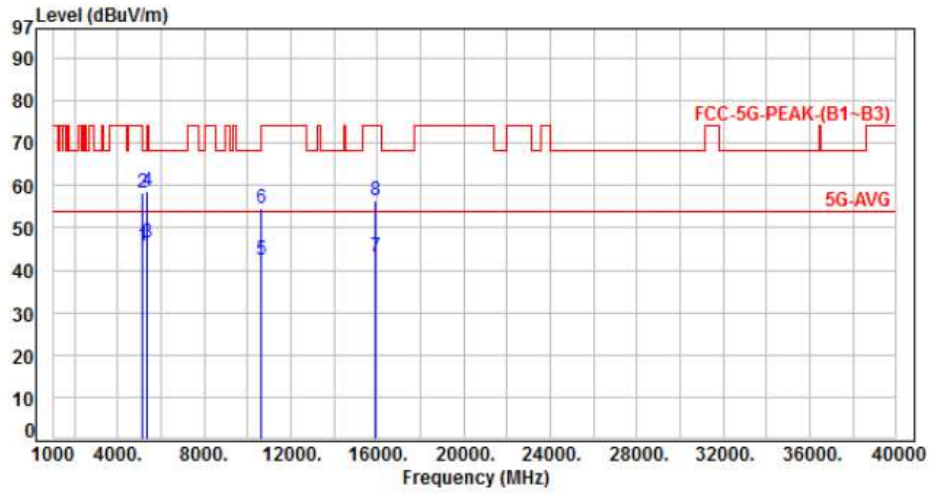


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.53	46.14	54.00	-7.86	Average	226	329	P
2	5150.00	5.61	52.53	58.14	74.00	-15.86	Peak	226	329	P
3	10520.00	12.97	40.38	53.35	68.20	-14.85	Peak	100	319	P
4	15780.00	14.45	29.36	43.81	54.00	-10.19	Average	100	299	P
5	15780.00	14.45	41.44	55.89	74.00	-18.11	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 4, Band 2, CH60		:

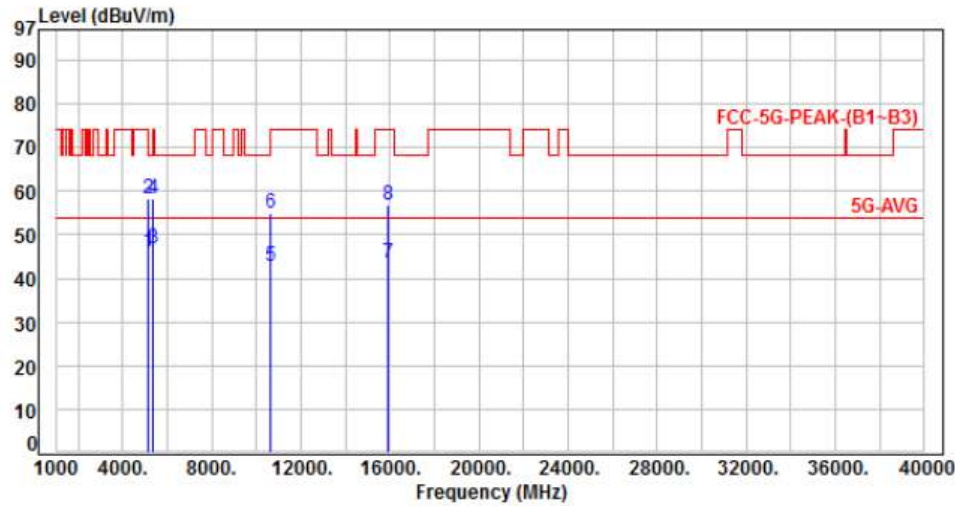


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.20	45.81	54.00	-8.19	Average	217	352	P
2	5150.00	5.61	52.85	58.46	74.00	-15.54	Peak	217	352	P
3	5350.00	5.99	40.38	46.37	54.00	-7.63	Average	217	352	P
4	5350.00	5.99	52.50	58.49	74.00	-15.51	Peak	217	352	P
5	10600.00	13.23	29.31	42.54	54.00	-11.46	Average	100	337	P
6	10600.00	13.23	41.43	54.66	74.00	-19.34	Peak	100	337	P
7	15900.00	14.21	29.12	43.33	54.00	-10.67	Average	100	284	P
8	15900.00	14.21	42.37	56.58	74.00	-17.42	Peak	100	284	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		:

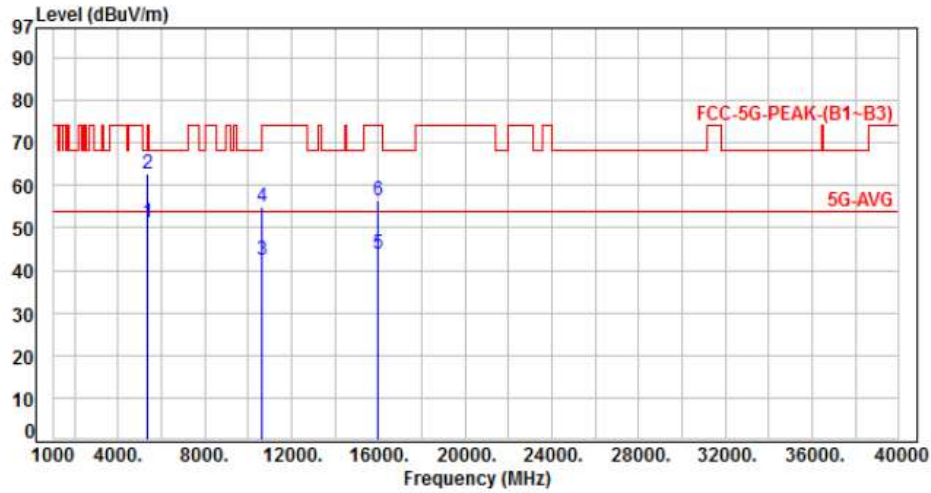


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.32	45.93	54.00	-8.07	Average	249	344	P
2	5150.00	5.61	52.85	58.46	74.00	-15.54	Peak	249	344	P
3	5350.00	5.99	40.86	46.85	54.00	-7.15	Average	249	344	P
4	5350.00	5.99	52.44	58.43	74.00	-15.57	Peak	249	344	P
5	10600.00	13.23	29.46	42.69	54.00	-11.31	Average	100	261	P
6	10600.00	13.23	41.67	54.90	74.00	-19.10	Peak	100	261	P
7	15900.00	14.21	29.33	43.54	54.00	-10.46	Average	100	319	P
8	15900.00	14.21	42.63	56.84	74.00	-17.16	Peak	100	319	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		:

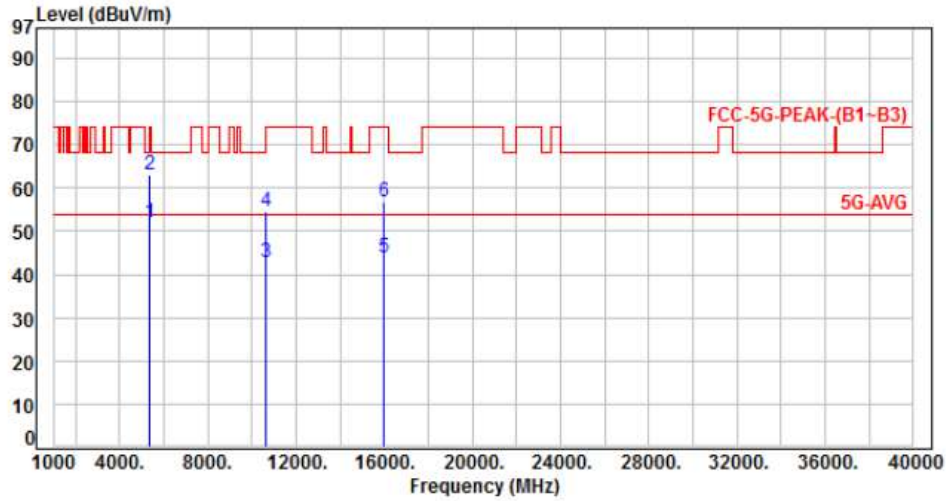


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	45.09	51.08	54.00	-2.92	Average	184	356	P
2	5350.00	5.99	56.67	62.66	74.00	-11.34	Peak	184	356	P
3	10640.00	13.23	29.16	42.39	54.00	-11.61	Average	100	293	P
4	10640.00	13.23	41.55	54.78	74.00	-19.22	Peak	100	293	P
5	15960.00	14.11	29.66	43.77	54.00	-10.23	Average	100	333	P
6	15960.00	14.11	42.36	56.47	74.00	-17.53	Peak	100	333	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		:

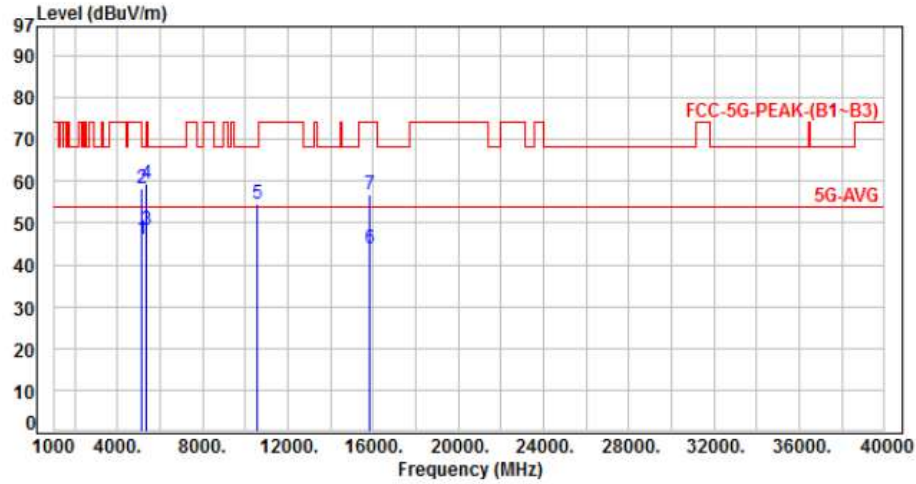


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5350.00	5.99	45.85	51.84	54.00	-2.16	Average	118	348	P
2	5350.00	5.99	57.16	63.15	74.00	-10.85	Peak	118	348	P
3	10640.00	13.23	29.43	42.66	54.00	-11.34	Average	100	317	P
4	10640.00	13.23	41.39	54.62	74.00	-19.38	Peak	100	317	P
5	15960.00	14.11	29.83	43.94	54.00	-10.06	Average	100	286	P
6	15960.00	14.11	42.66	56.77	74.00	-17.23	Peak	100	286	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		:

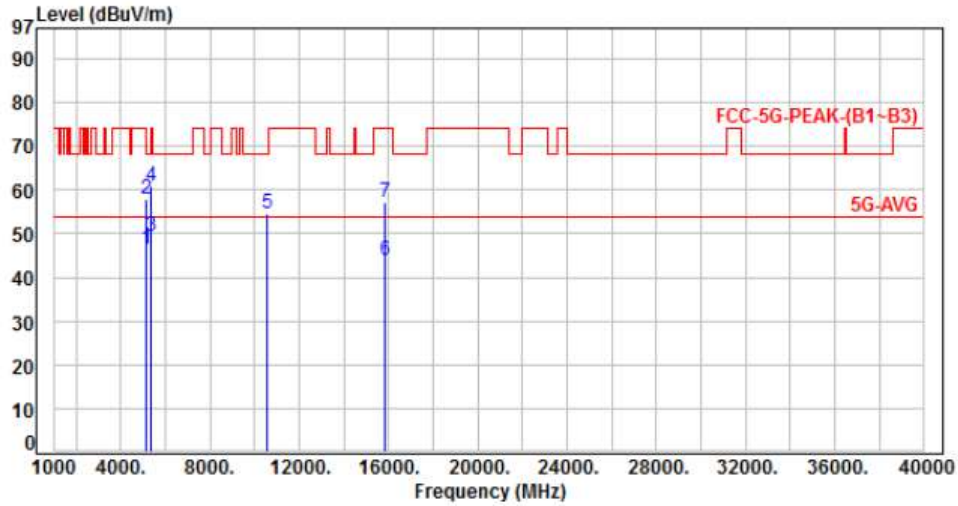


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.40	46.01	54.00	-7.99	Average	176	359	P
2	5150.00	5.61	52.64	58.25	74.00	-15.75	Peak	176	359	P
3	5350.00	5.99	42.34	48.33	54.00	-5.67	Average	176	359	P
4	5350.00	5.99	53.39	59.38	74.00	-14.62	Peak	176	359	P
5	10540.00	13.03	41.54	54.57	68.20	-13.63	Peak	100	333	P
6	15810.00	14.45	29.34	43.79	54.00	-10.21	Average	100	333	P
7	15810.00	14.45	42.26	56.71	74.00	-17.29	Peak	100	333	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		:

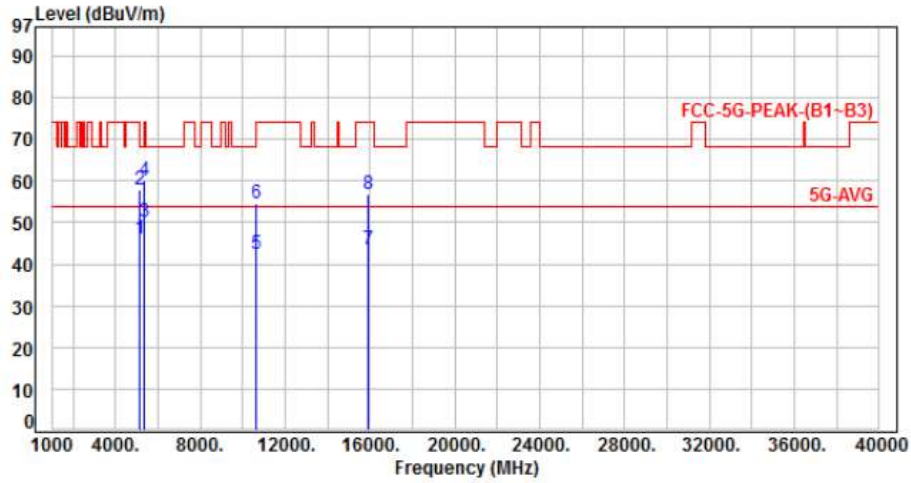


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.92	46.53	54.00	-7.47	Average	135	347	P
2	5150.00	5.61	52.42	58.03	74.00	-15.97	Peak	135	347	P
3	5350.00	5.99	43.33	49.32	54.00	-4.68	Average	135	347	P
4	5350.00	5.99	54.86	60.85	74.00	-13.15	Peak	135	347	P
5	10540.00	13.03	41.70	54.73	68.20	-13.47	Peak	100	324	P
6	15810.00	14.45	29.44	43.89	54.00	-10.11	Average	100	288	P
7	15810.00	14.45	42.81	57.26	74.00	-16.74	Peak	100	288	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		:

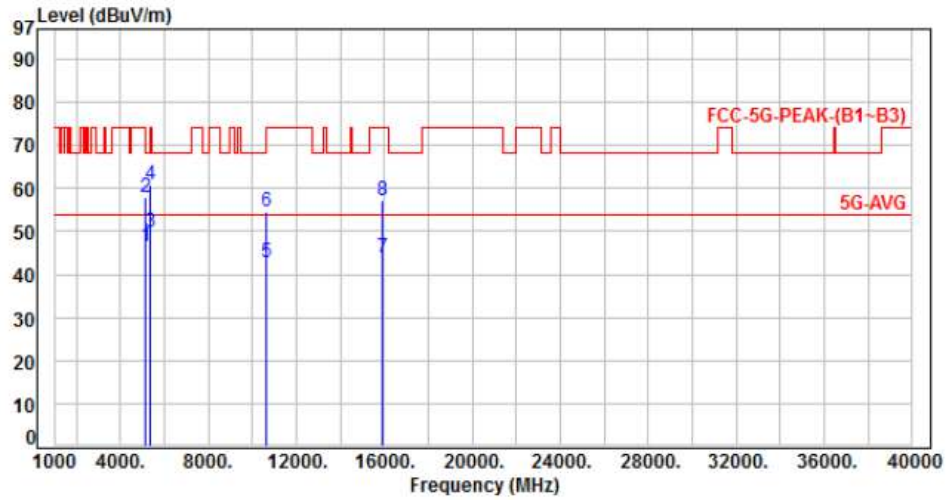


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.57	46.18	54.00	-7.82	Average	172	355	P
2	5150.00	5.61	52.36	57.97	74.00	-16.03	Peak	172	355	P
3	5350.00	5.99	44.03	50.02	54.00	-3.98	Average	172	355	P
4	5350.00	5.99	53.94	59.93	74.00	-14.07	Peak	172	355	P
5	10620.00	13.23	29.23	42.46	54.00	-11.54	Average	100	303	P
6	10620.00	13.23	41.37	54.60	74.00	-19.40	Peak	100	303	P
7	15930.00	14.16	29.39	43.55	54.00	-10.45	Average	100	326	P
8	15930.00	14.16	42.57	56.73	74.00	-17.27	Peak	100	326	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		:

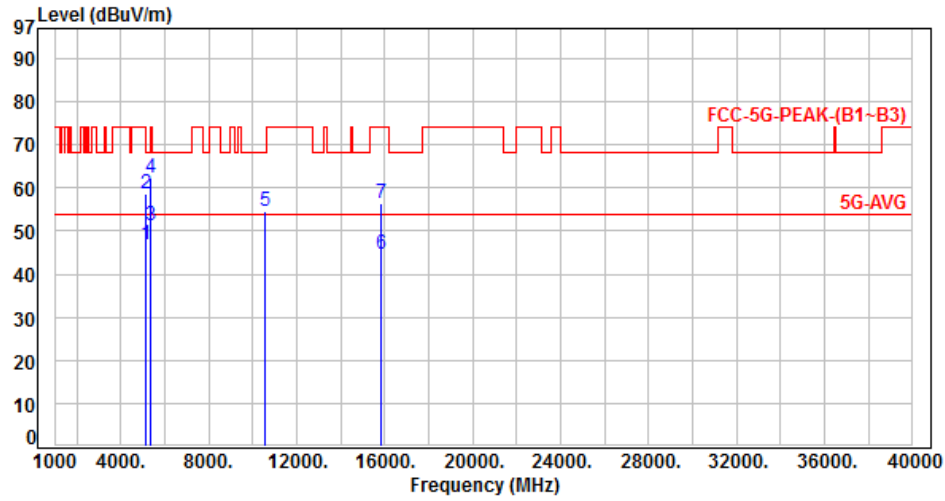


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	40.82	46.43	54.00	-7.57	Average	231	332	P
2	5150.00	5.61	52.45	58.06	74.00	-15.94	Peak	231	332	P
3	5350.00	5.99	43.89	49.88	54.00	-4.12	Average	231	332	P
4	5350.00	5.99	54.72	60.71	74.00	-13.29	Peak	231	332	P
5	10620.00	13.23	29.59	42.82	54.00	-11.18	Average	100	296	P
6	10620.00	13.23	41.33	54.56	74.00	-19.44	Peak	100	296	P
7	15930.00	14.16	29.68	43.84	54.00	-10.16	Average	100	243	P
8	15930.00	14.16	42.86	57.02	74.00	-16.98	Peak	100	243	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		

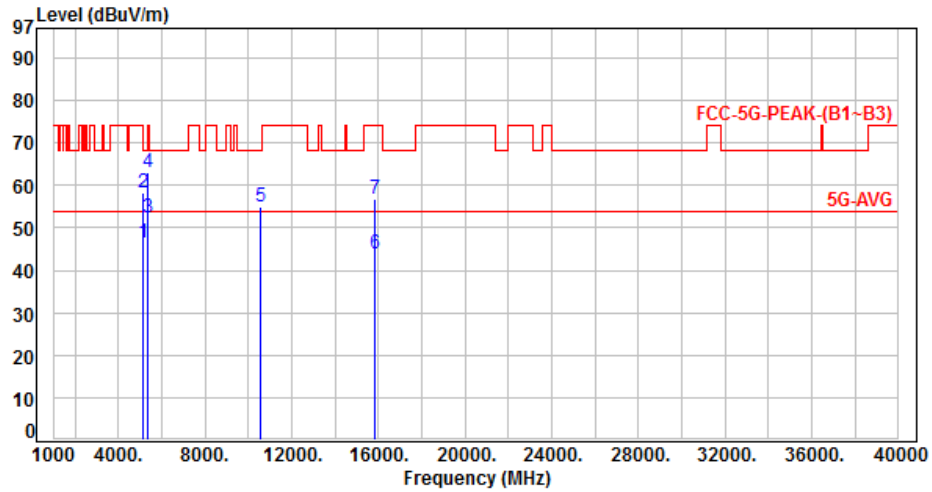


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	41.22	46.83	54.00	-7.17	Average	172	354	P
2	5150.00	5.61	53.08	58.69	74.00	-15.31	Peak	172	354	P
3	5350.00	5.99	45.38	51.37	54.00	-2.63	Average	172	354	P
4	5350.00	5.99	56.43	62.42	74.00	-11.58	Peak	172	354	P
5	10580.00	13.16	41.49	54.65	68.20	-13.55	Peak	100	263	P
6	15870.00	14.29	30.48	44.77	54.00	-9.23	Average	100	319	P
7	15870.00	14.29	42.11	56.40	74.00	-17.60	Peak	100	319	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		:

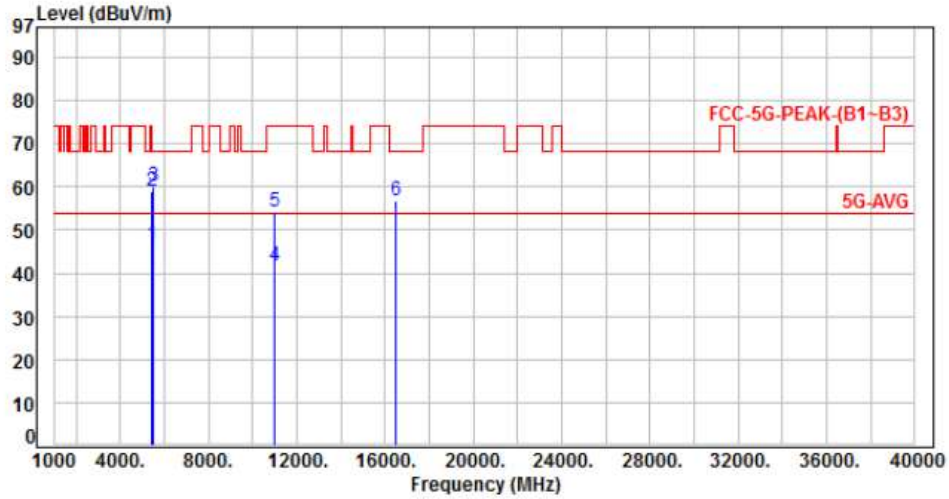


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	5.61	41.04	46.65	54.00	-7.35	Average	219	331	P
2	5150.00	5.61	52.53	58.14	74.00	-15.86	Peak	219	331	P
3	5350.00	5.99	46.38	52.37	54.00	-1.63	Average	219	331	P
4	5350.00	5.99	56.97	62.96	74.00	-11.04	Peak	219	331	P
5	10580.00	13.16	41.76	54.92	68.20	-13.28	Peak	100	354	P
6	15870.00	14.29	29.56	43.85	54.00	-10.15	Average	100	278	P
7	15870.00	14.29	42.33	56.62	74.00	-17.38	Peak	100	278	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		:

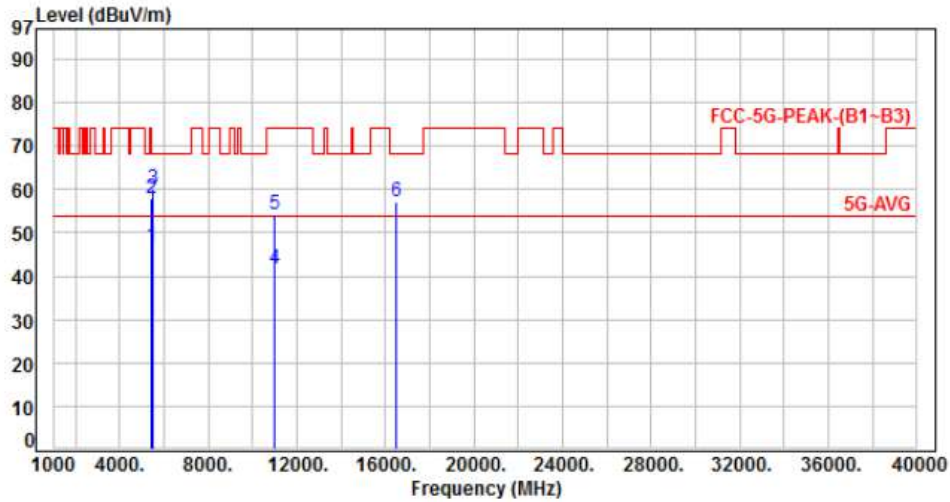


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.17	46.37	54.00	-7.63	Average	257	15	P
2	5460.00	5.20	53.67	58.87	74.00	-15.13	Peak	257	15	P
3	5470.00	5.20	54.74	59.94	68.20	-8.26	Peak	257	15	P
4	11000.00	12.41	29.41	41.82	54.00	-12.18	Average	100	39	P
5	11000.00	12.41	41.73	54.14	74.00	-19.86	Peak	100	39	P
6	16500.00	14.43	42.37	56.80	68.20	-11.40	Peak	100	67	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		:

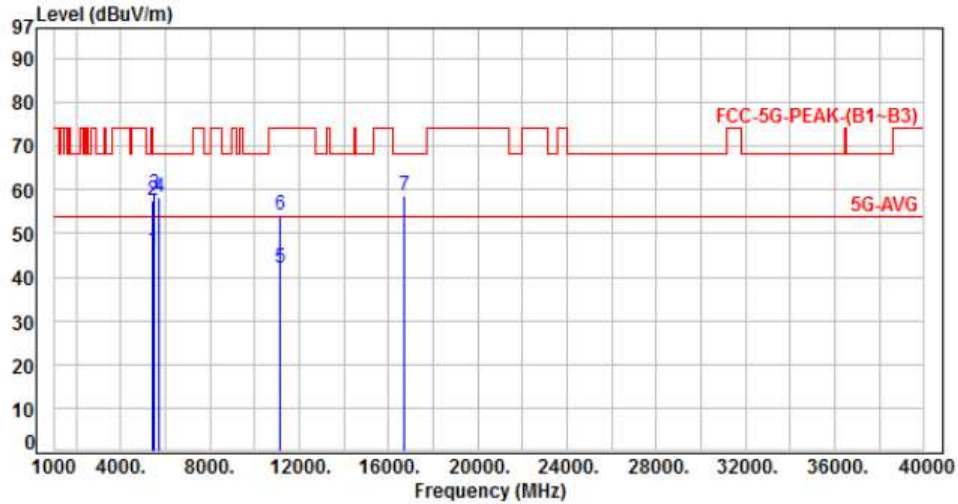


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.54	46.74	54.00	-7.26	Average	202	341	P
2	5460.00	5.20	52.88	58.08	74.00	-15.92	Peak	202	341	P
3	5470.00	5.20	54.78	59.98	68.20	-8.22	Peak	202	341	P
4	11000.00	12.41	29.37	41.78	54.00	-12.22	Average	100	284	P
5	11000.00	12.41	41.76	54.17	74.00	-19.83	Peak	100	284	P
6	16500.00	14.43	42.86	57.29	68.20	-10.91	Peak	100	327	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, CH116		:

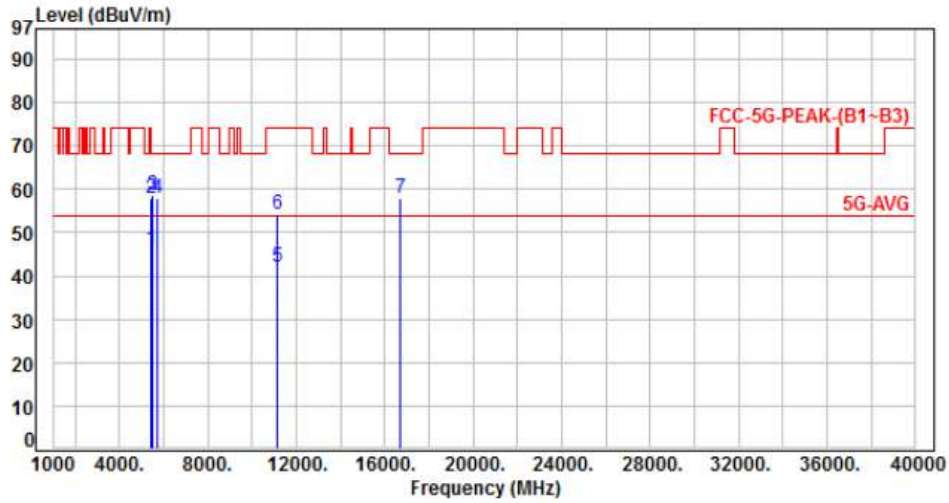


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	40.83	46.03	54.00	-7.97	Average	117	9	P
2	5460.00	5.20	52.43	57.63	74.00	-16.37	Peak	117	9	P
3	5470.00	5.20	53.75	58.95	68.20	-9.25	Peak	117	9	P
4	5725.00	5.14	53.17	58.31	68.20	-9.89	Peak	117	9	P
5	11160.00	12.66	29.24	41.90	54.00	-12.10	Average	100	26	P
6	11160.00	12.66	41.38	54.04	74.00	-19.96	Peak	100	26	P
7	16740.00	15.96	42.68	58.64	68.20	-9.56	Peak	100	59	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, CH116		:

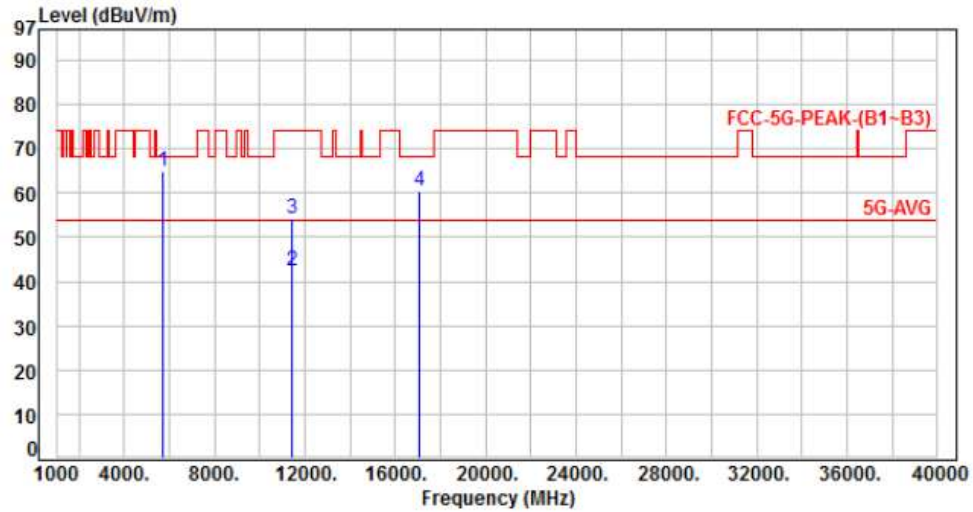


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	40.80	46.00	54.00	-8.00	Average	183	348	P
2	5460.00	5.20	52.82	58.02	74.00	-15.98	Peak	183	348	P
3	5470.00	5.20	53.47	58.67	68.20	-9.53	Peak	183	348	P
4	5725.00	5.14	52.79	57.93	68.20	-10.27	Peak	183	348	P
5	11160.00	12.66	29.46	42.12	54.00	-11.88	Average	100	296	P
6	11160.00	12.66	41.42	54.08	74.00	-19.92	Peak	100	296	P
7	16740.00	15.96	41.93	57.89	68.20	-10.31	Peak	100	316	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		:

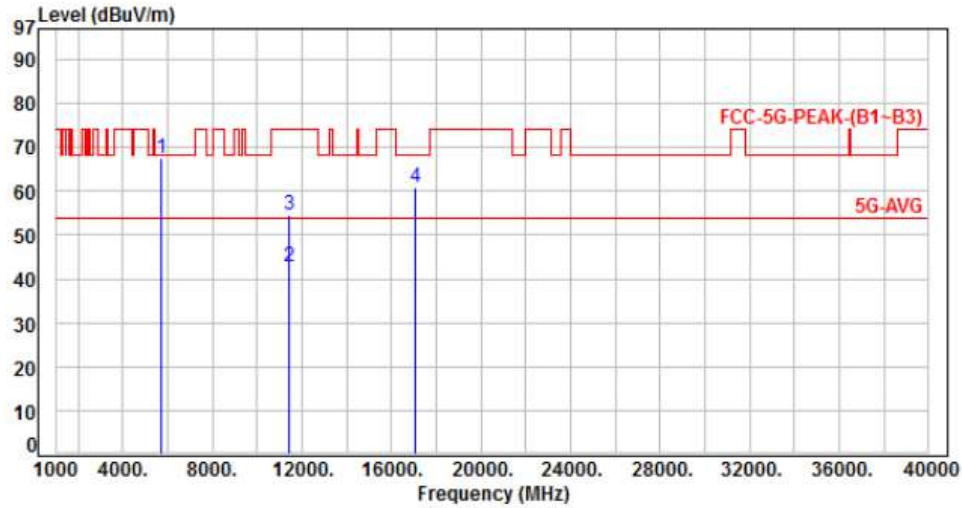


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	5.14	59.67	64.81	68.20	-3.39	Peak	107	11	P
2	11400.00	12.94	29.37	42.31	54.00	-11.69	Average	100	33	P
3	11400.00	12.94	41.45	54.39	74.00	-19.61	Peak	100	33	P
4	17100.00	18.03	42.43	60.46	68.20	-7.74	Peak	100	67	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		:

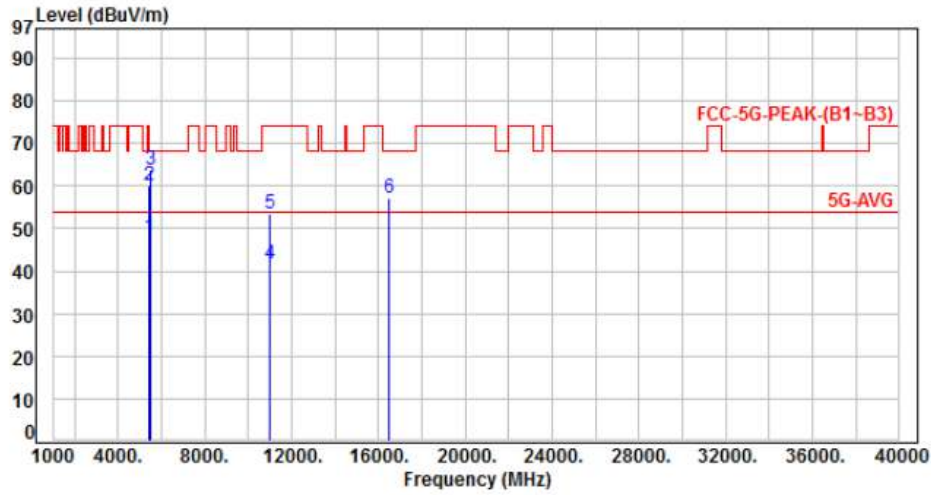


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	5.14	62.44	67.58	68.20	-0.62	Peak	182	353	P
2	11400.00	12.94	29.83	42.77	54.00	-11.23	Average	100	273	P
3	11400.00	12.94	41.69	54.63	74.00	-19.37	Peak	100	273	P
4	17100.00	18.03	42.66	60.69	68.20	-7.51	Peak	100	329	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		:

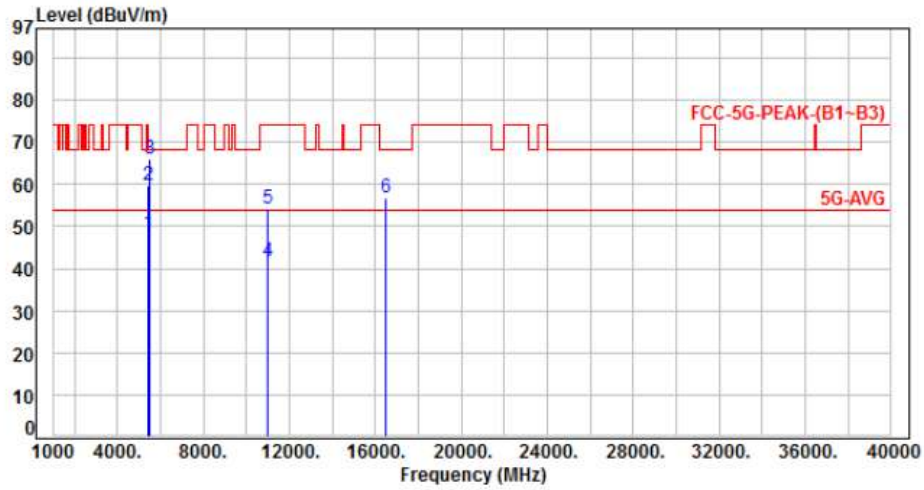


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.66	47.86	54.00	-6.14	Average	115	11	P
2	5460.00	5.20	54.80	60.00	74.00	-14.00	Peak	115	11	P
3	5470.00	5.20	58.45	63.65	68.20	-4.55	Peak	115	11	P
4	11000.00	12.41	29.23	41.64	54.00	-12.36	Average	100	27	P
5	11000.00	12.41	41.17	53.58	74.00	-20.42	Peak	100	27	P
6	16500.00	14.43	42.56	56.99	68.20	-11.21	Peak	100	49	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		:

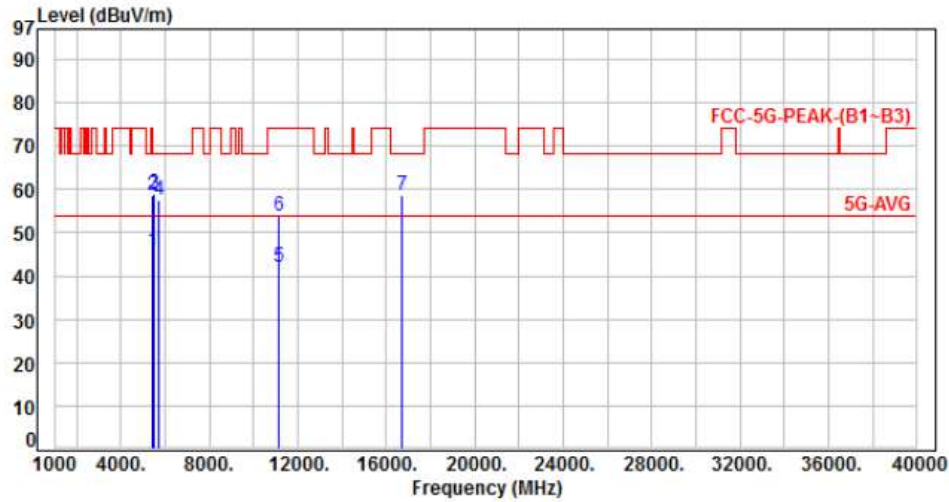


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.04	48.24	54.00	-5.76	Average	197	349	P
2	5460.00	5.20	54.62	59.82	74.00	-14.18	Peak	197	349	P
3	5470.00	5.20	60.85	66.05	68.20	-2.15	Peak	197	349	P
4	11000.00	12.41	29.43	41.84	54.00	-12.16	Average	100	293	P
5	11000.00	12.41	41.88	54.29	74.00	-19.71	Peak	100	293	P
6	16500.00	14.43	42.53	56.96	68.20	-11.24	Peak	100	324	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, CH116		:

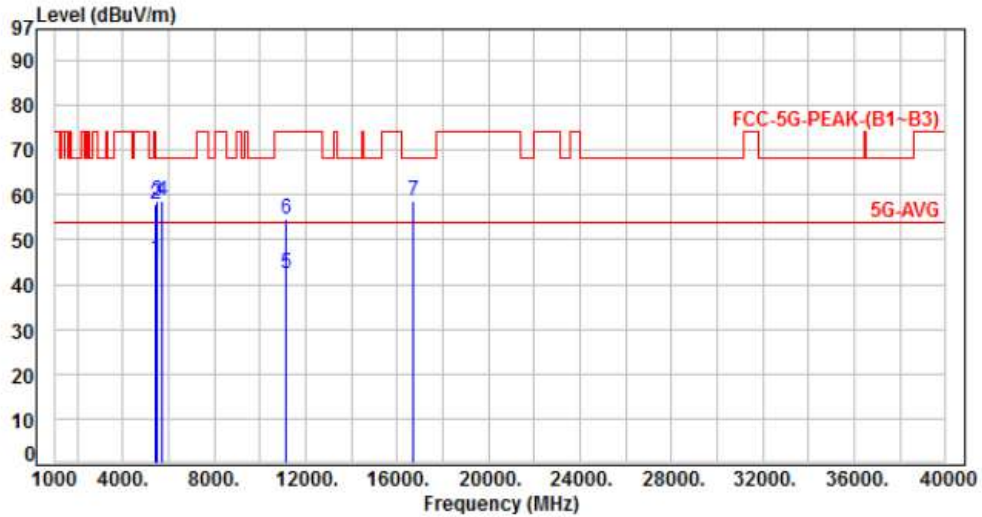


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	40.62	45.82	54.00	-8.18	Average	116	12	P
2	5460.00	5.20	53.28	58.48	74.00	-15.52	Peak	116	12	P
3	5470.00	5.20	53.78	58.98	68.20	-9.22	Peak	116	12	P
4	5725.00	5.14	52.23	57.37	68.20	-10.83	Peak	116	12	P
5	11160.00	12.66	29.47	42.13	54.00	-11.87	Average	100	43	P
6	11160.00	12.66	41.35	54.01	74.00	-19.99	Peak	100	43	P
7	16740.00	15.96	42.53	58.49	68.20	-9.71	Peak	100	79	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, CH116		:

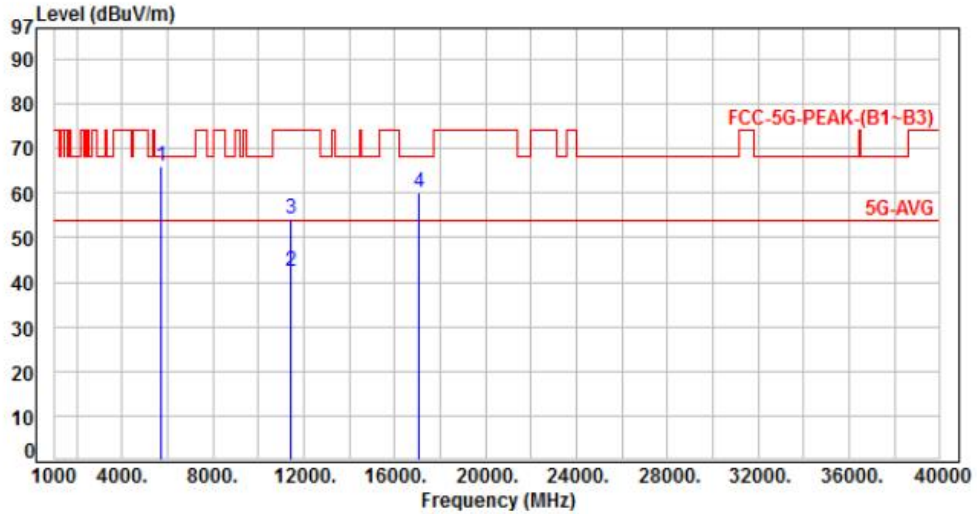


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	40.70	45.90	54.00	-8.10	Average	181	345	P
2	5460.00	5.20	52.76	57.96	74.00	-16.04	Peak	181	345	P
3	5470.00	5.20	53.42	58.62	68.20	-9.58	Peak	181	345	P
4	5725.00	5.14	53.39	58.53	68.20	-9.67	Peak	181	345	P
5	11160.00	12.66	29.64	42.30	54.00	-11.70	Average	100	275	P
6	11160.00	12.66	41.77	54.43	74.00	-19.57	Peak	100	275	P
7	16740.00	15.96	42.74	58.70	68.20	-9.50	Peak	100	334	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		

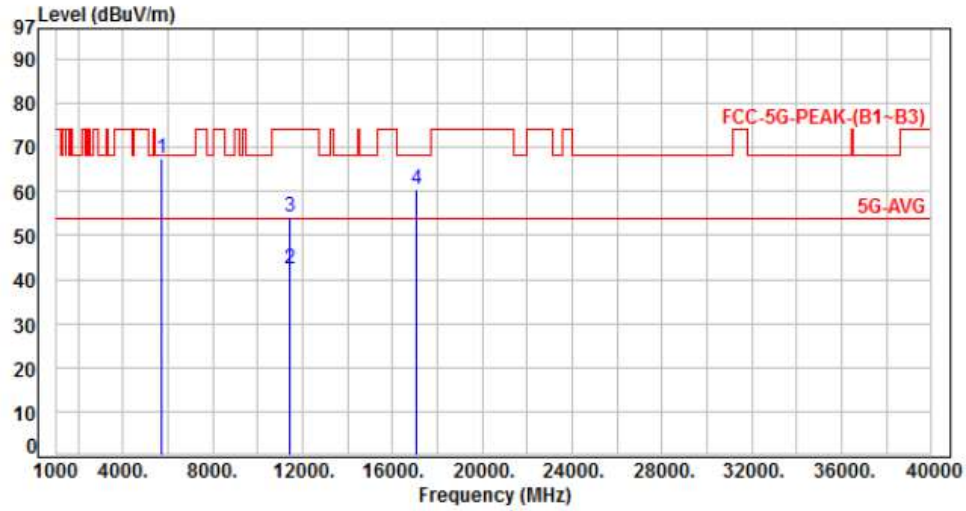


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	5.14	60.87	66.01	68.20	-2.19	Peak	100	5	P
2	11400.00	12.94	29.34	42.28	54.00	-11.72	Average	100	26	P
3	11400.00	12.94	41.43	54.37	74.00	-19.63	Peak	100	26	P
4	17100.00	18.03	42.23	60.26	68.20	-7.94	Peak	100	47	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		:

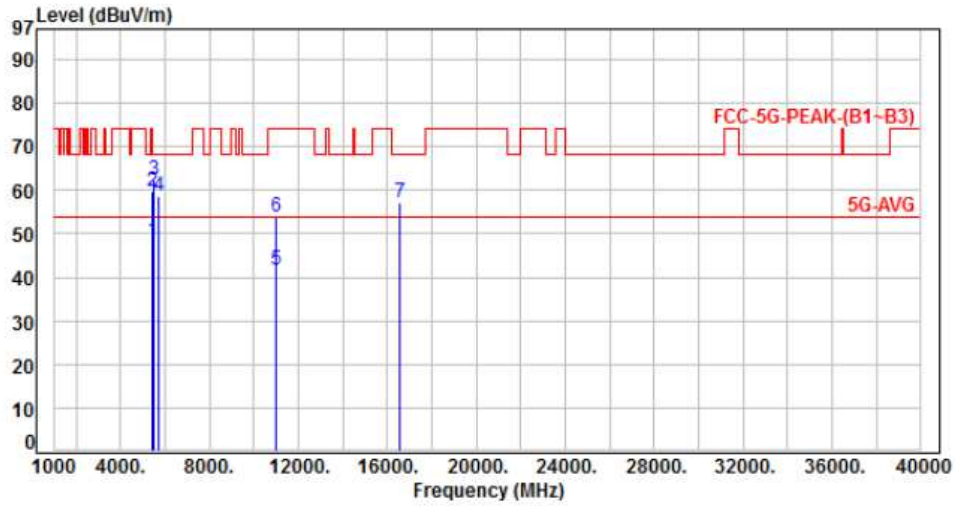


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5725.00	5.14	62.53	67.67	68.20	-0.53	Peak	123	354	P
2	11400.00	12.94	29.47	42.41	54.00	-11.59	Average	100	264	P
3	11400.00	12.94	41.33	54.27	74.00	-19.73	Peak	100	264	P
4	17100.00	18.03	42.55	60.58	68.20	-7.62	Peak	100	329	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		:

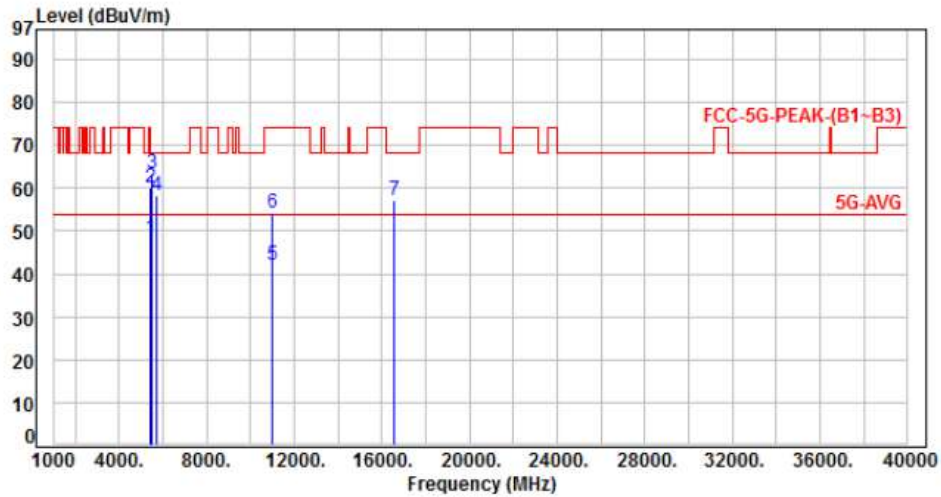


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.03	48.23	54.00	-5.77	Average	100	12	P
2	5460.00	5.20	54.61	59.81	74.00	-14.19	Peak	100	12	P
3	5470.00	5.20	57.27	62.47	68.20	-5.73	Peak	100	12	P
4	5725.00	5.14	53.46	58.60	68.20	-9.60	Peak	100	12	P
5	11020.00	12.44	29.22	41.66	54.00	-12.34	Average	100	46	P
6	11020.00	12.44	41.36	53.80	74.00	-20.20	Peak	100	46	P
7	16530.00	14.68	42.51	57.19	68.20	-11.01	Peak	100	67	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		:

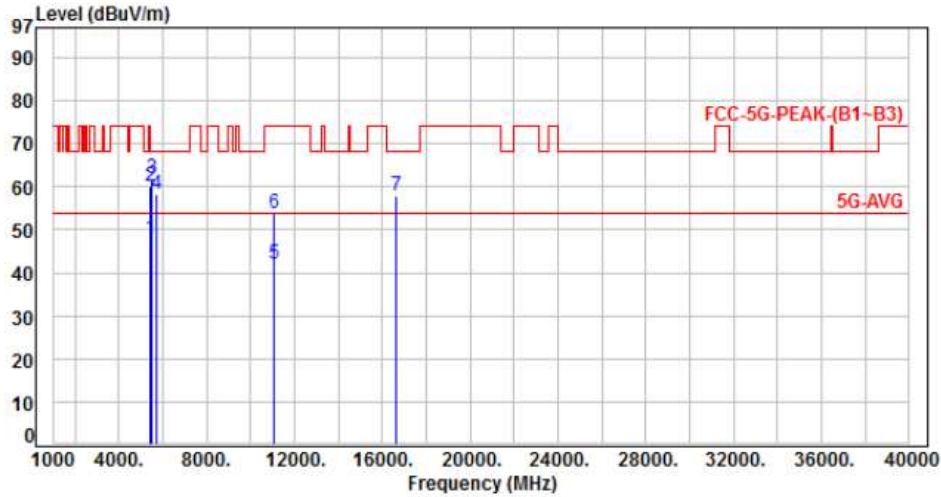


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.17	48.37	54.00	-5.63	Average	234	348	P
2	5460.00	5.20	54.76	59.96	74.00	-14.04	Peak	234	348	P
3	5470.00	5.20	58.13	63.33	68.20	-4.87	Peak	234	348	P
4	5725.00	5.14	53.27	58.41	68.20	-9.79	Peak	234	348	P
5	11020.00	12.44	29.54	41.98	54.00	-12.02	Average	100	294	P
6	11020.00	12.44	41.71	54.15	74.00	-19.85	Peak	100	294	P
7	16530.00	14.68	42.62	57.30	68.20	-10.90	Peak	100	324	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, CH110		:

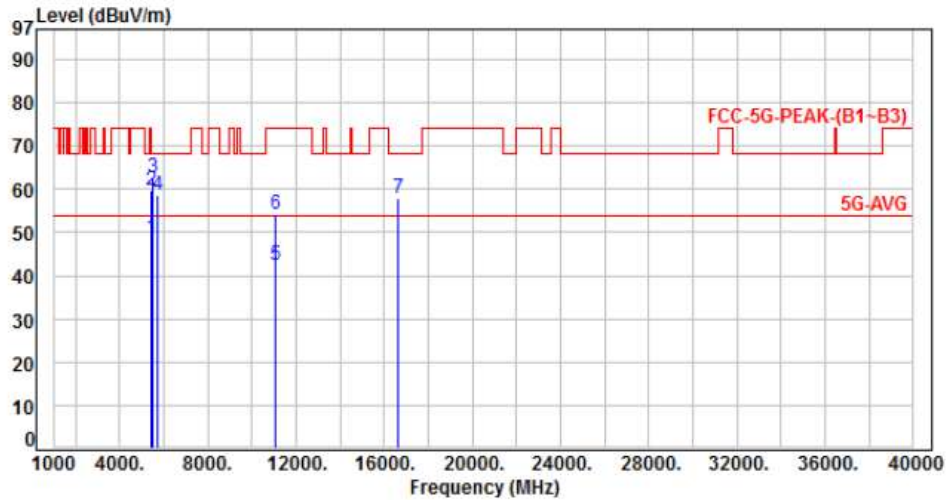


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.70	47.90	54.00	-6.10	Average	131	8	P
2	5460.00	5.20	54.85	60.05	74.00	-13.95	Peak	131	8	P
3	5470.00	5.20	56.64	61.84	68.20	-6.36	Peak	131	8	P
4	5725.00	5.14	53.23	58.37	68.20	-9.83	Peak	131	8	P
5	11100.00	12.57	29.42	41.99	54.00	-12.01	Average	100	39	P
6	11100.00	12.57	41.38	53.95	74.00	-20.05	Peak	100	39	P
7	16650.00	15.40	42.56	57.96	68.20	-10.24	Peak	100	63	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, CH110		:

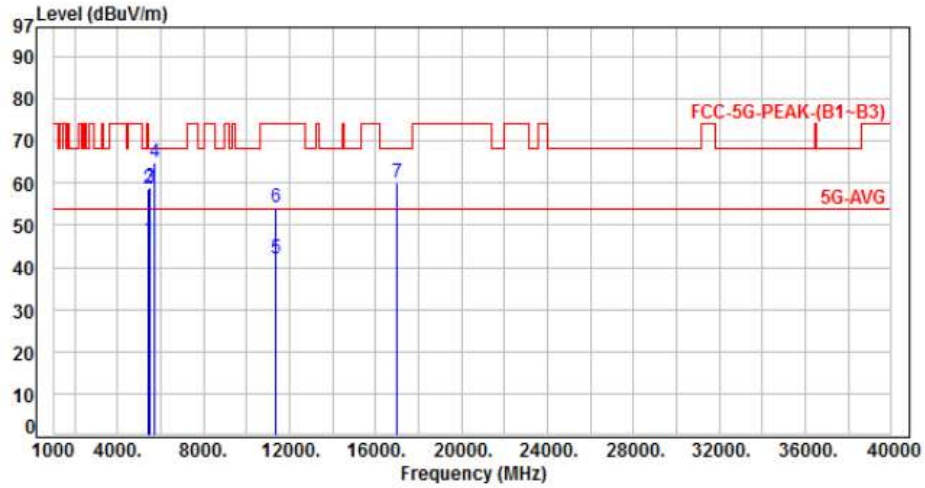


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.40	48.60	54.00	-5.40	Average	208	348	P
2	5460.00	5.20	54.61	59.81	74.00	-14.19	Peak	208	348	P
3	5470.00	5.20	57.67	62.87	68.20	-5.33	Peak	208	348	P
4	5725.00	5.14	53.43	58.57	68.20	-9.63	Peak	208	348	P
5	11100.00	12.57	29.93	42.50	54.00	-11.50	Average	100	269	P
6	11100.00	12.57	41.57	54.14	74.00	-19.86	Peak	100	269	P
7	16650.00	15.40	42.69	58.09	68.20	-10.11	Peak	100	317	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		:

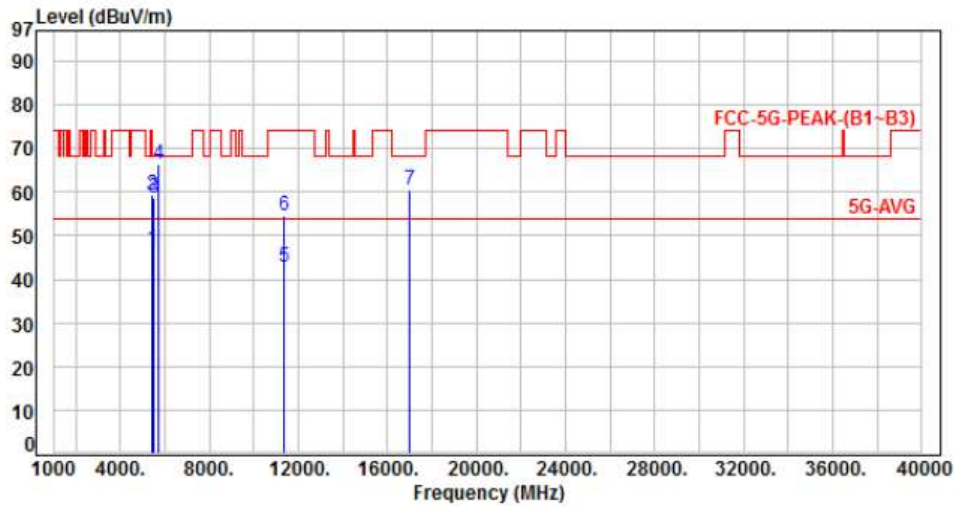


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.33	46.53	54.00	-7.47	Average	100	9	P
2	5460.00	5.20	53.27	58.47	74.00	-15.53	Peak	100	9	P
3	5470.00	5.20	53.67	58.87	68.20	-9.33	Peak	100	9	P
4	5725.00	5.14	59.86	65.00	68.20	-3.20	Peak	100	9	P
5	11340.00	12.85	29.31	42.16	54.00	-11.84	Average	100	67	P
6	11340.00	12.85	41.52	54.37	74.00	-19.63	Peak	100	67	P
7	17010.00	17.72	42.36	60.08	68.20	-8.12	Peak	100	34	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		:

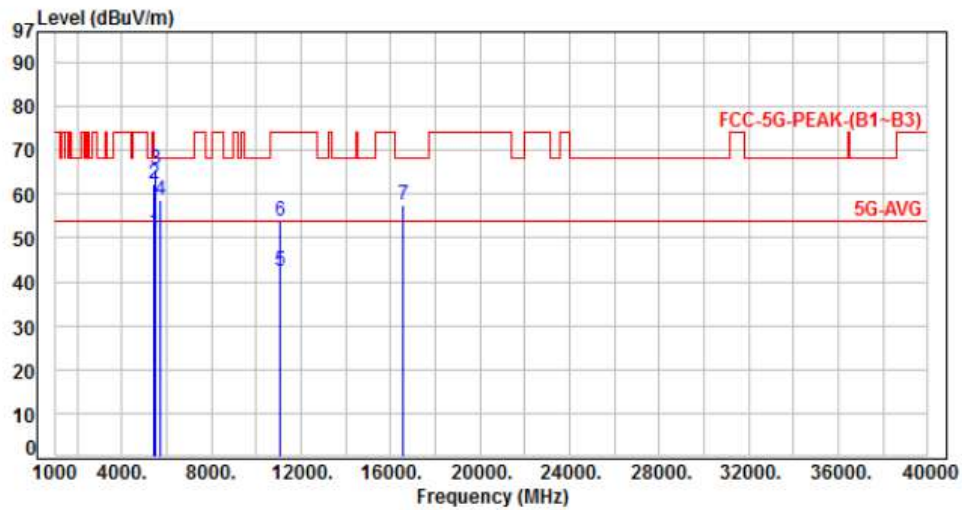


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.52	46.72	54.00	-7.28	Average	178	348	P
2	5460.00	5.20	54.04	59.24	74.00	-14.76	Peak	178	348	P
3	5470.00	5.20	53.45	58.65	68.20	-9.55	Peak	178	348	P
4	5725.00	5.14	61.42	66.56	68.20	-1.64	Peak	178	348	P
5	11340.00	12.85	29.82	42.67	54.00	-11.33	Average	100	321	P
6	11340.00	12.85	41.68	54.53	74.00	-19.47	Peak	100	321	P
7	17010.00	17.72	42.63	60.35	68.20	-7.85	Peak	100	289	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		:

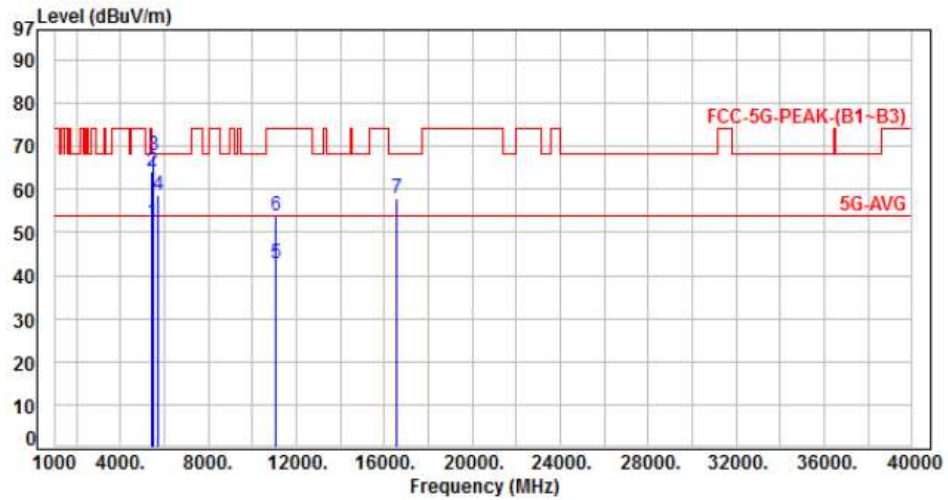


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	45.96	51.16	54.00	-2.84	Average	100	16	P
2	5460.00	5.20	57.13	62.33	74.00	-11.67	Peak	100	16	P
3	5470.00	5.20	60.42	65.62	68.20	-2.58	Peak	100	16	P
4	5725.00	5.14	53.36	58.50	68.20	-9.70	Peak	100	16	P
5	11060.00	12.51	30.05	42.56	54.00	-11.44	Average	100	57	P
6	11060.00	12.51	41.45	53.96	74.00	-20.04	Peak	100	57	P
7	16590.00	15.16	42.53	57.69	68.20	-10.51	Peak	100	37	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		:

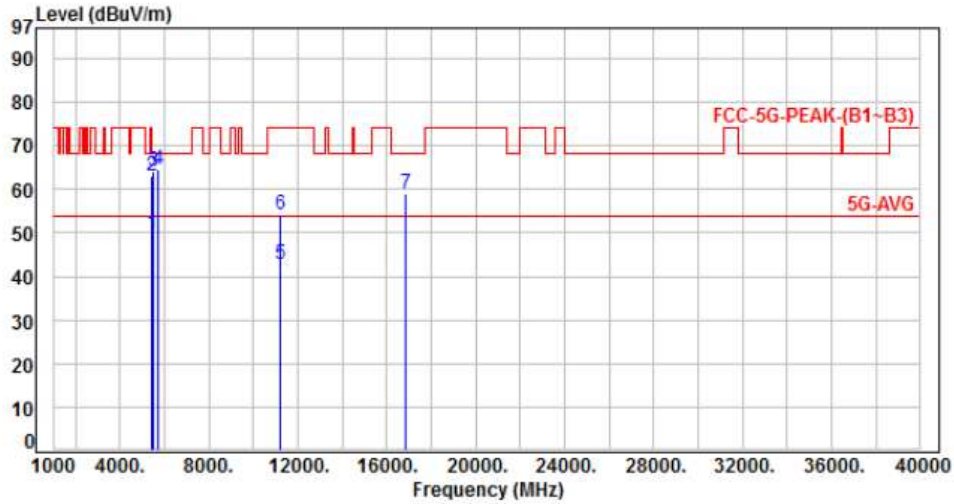


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	47.03	52.23	54.00	-1.77	Average	247	355	P
2	5460.00	5.20	59.14	64.34	74.00	-9.66	Peak	247	355	P
3	5470.00	5.20	62.52	67.72	68.20	-0.48	Peak	247	355	P
4	5725.00	5.14	53.53	58.67	68.20	-9.53	Peak	247	355	P
5	11060.00	12.51	30.17	42.68	54.00	-11.32	Average	100	337	P
6	11060.00	12.51	41.38	53.89	74.00	-20.11	Peak	100	337	P
7	16590.00	15.16	42.57	57.73	68.20	-10.47	Peak	100	286	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, CH122		:

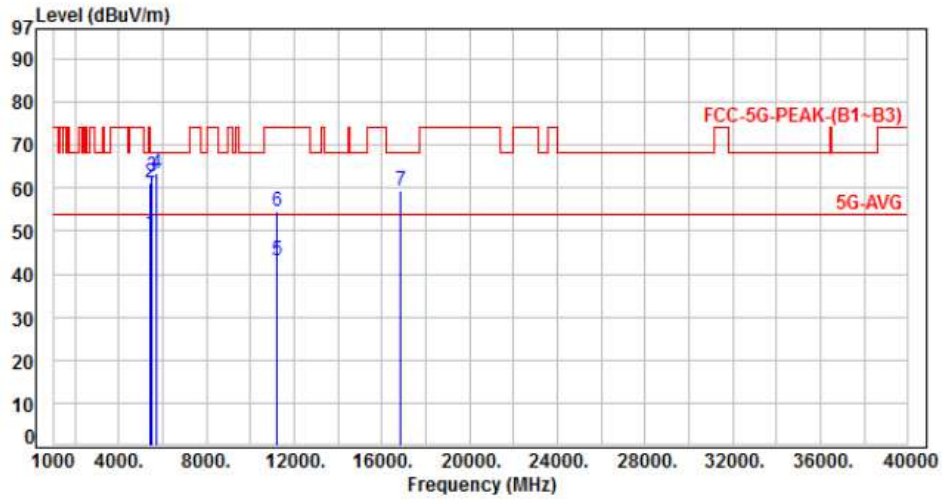


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	44.70	49.90	54.00	-4.10	Average	111	7	P
2	5460.00	5.20	57.81	63.01	74.00	-10.99	Peak	111	7	P
3	5470.00	5.20	58.84	64.04	68.20	-4.16	Peak	111	7	P
4	5725.00	5.14	59.54	64.68	68.20	-3.52	Peak	111	7	P
5	11220.00	12.74	30.17	42.91	54.00	-11.09	Average	100	34	P
6	11220.00	12.74	41.40	54.14	74.00	-19.86	Peak	100	34	P
7	16830.00	16.75	42.42	59.17	68.20	-9.03	Peak	100	57	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, CH122		:



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	5.20	44.17	49.37	54.00	-4.63	Average	145	353	P
2	5460.00	5.20	56.10	61.30	74.00	-12.70	Peak	145	353	P
3	5470.00	5.20	57.52	62.72	68.20	-5.48	Peak	145	353	P
4	5725.00	5.14	58.15	63.29	68.20	-4.91	Peak	145	353	P
5	11220.00	12.74	30.34	43.08	54.00	-10.92	Average	100	288	P
6	11220.00	12.74	41.68	54.42	74.00	-19.58	Peak	100	288	P
7	16830.00	16.75	42.74	59.49	68.20	-8.71	Peak	100	302	P

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