



# FCC RADIO TEST REPORT

Applicant : Ubiquiti Inc.  
Address : 685 Third Avenue, New York, New York 10017,  
USA  
Equipment : UniFi Talk ATA  
Model No. : UT-ATA  
Trade Name : UBIQUITI  
FCC ID : SWX-UTATA

**I HEREBY CERTIFY THAT :**

The sample was received on Jul. 28, 2021 and the testing was completed on Aug. 16, 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





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# 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(21070316-TEFV01).



## 2. Test Configuration of Equipment under Test

### 2.1. Feature of Equipment under Test

Frequency Range	802.11b/g/n: 2412MHz~2462MHz 802.11a/n/ac: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz,5745-5825MHz
Modulation Type	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
Data Rate	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 WLAN: 2412MHz~2462MHz: 1.50dBi 5180-5240MHz: 4.00dBi 5260-5320MHz: 4.00dBi 5500-5720MHz: 4.00dBi 5745-5825MHz: 4.00dBi
Adapter	Brand: UI Model: E005-11050100VU

1. EUT support TPC Function.
2. EUT supports DFS Client Mode, without radar detection.
3. 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)
<b>*36</b>	<b>5180</b>	44	5220
<b>*40</b>	<b>5200</b>	<b>*48</b>	<b>5240</b>

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
<b>*38</b>	<b>5190</b>	<b>*46</b>	<b>5230</b>

802.11ac VHT80

Channel	Frequency(MHz)
<b>*42</b>	<b>5210</b>

Band: 5250MHz -5350MHz

802.11a, 802.11n HT20, 802.11ac VHT20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
<b>*52</b>	<b>5260</b>	<b>*60</b>	<b>5300</b>
56	5280	<b>*64</b>	<b>5320</b>

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
<b>*54</b>	<b>5270</b>	<b>*62</b>	<b>5310</b>

802.11ac VHT80

Channel	Frequency(MHz)
<b>*58</b>	<b>5290</b>

Band: 5470MHz -5725MHz

802.11a, 802.11n HT20, 802.11ac VHT20

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

802.11n HT40, 802.11ac VHT40,

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

802.11ac VHT80,

Channel	Frequency(MHz)	Channel	Frequency(MHz)
<b>*106</b>	<b>5530</b>	<b>*122</b>	<b>5610</b>



Band 3: Straddle Channel

802.11a, 802.11n HT 20, 802.11ac VHT20

Channel	Frequency(MHz)
<b>*144</b>	<b>5720</b>

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)
<b>*142</b>	<b>5710</b>

802.11ac VHT80

Channel	Frequency(MHz)
<b>*138</b>	<b>5690</b>

Band: 5725MHz -5850MHz

802.11a, 802.11n HT20, 802.11ac VHT20

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

802.11n HT40, 802.11ac VHT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
<b>*151</b>	<b>5755</b>	<b>*159</b>	<b>5795</b>

802.11ac VHT80

Channel	Frequency(MHz)
<b>*155</b>	<b>5775</b>

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



Radiation Emissions (1GHz ~ 40GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps) , Power from POE
2	802.11n HT20 (6.5Mbps) , Power from POE
3	802.11n HT40 (13.5Mbps) , Power from POE
4	802.11ac VHT20 (6.5Mbps) , Power from POE
5	802.11ac VHT40 (13.5Mbps) , Power from POE
6	802.11ac VHT80 (29.3Mbps) , Power from POE
7	802.11a (6Mbps) , Power from Adapter
8	802.11n HT20 (6.5Mbps) , Power from Adapter
9	802.11n HT40 (13.5Mbps) , Power from Adapter
10	802.11ac VHT20 (6.5Mbps) , Power from Adapter
11	802.11ac VHT40 (13.5Mbps) , Power from Adapter
12	802.11ac VHT80 (29.3Mbps) , Power from Adapter

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
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	N/A	N/A	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	N/A	N/A	1.2m / NS	N/A
RJ45 Cable	N/A	N/A	15m / NS	N/A
POE	UBIQUITI	GP-H480-050G	N/A	0.6m / NS
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	N/A	N/A	1.2m / NS	N/A

**2.5. General Information of Test**

Test Site	<b>Cerpass Technology Corporation Test Laboratory</b> 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	2021/08/09~2021/08/16	22~27°C / 50~59%	Nick Guan
Radiated Emissions	3M02-NK	2021/08/05~2021/08/09	24~26°C / 43~46%	Nick Guan Dian Chen
AC Power Line Conducted Emission	CON01-NK	2021/08/10	26°C / 50%	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	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	101423	2021/06/30	2022/06/29
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/07/14	2022/07/13
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	2021/07/14	2022/07/13
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 & HUMIDITY 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				
<b>Instrument</b>	<b>Manufacturer</b>	<b>Model No</b>	<b>Serial No</b>	<b>Calibration Date</b>	<b>Valid Date</b>
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:4.00dBi 5260-5320MHz: 4.00dBi 5500-5720MHz: 4.00dBi 5745-5825MHz: 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 $\mu$ V)	Average (dB $\mu$ 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.

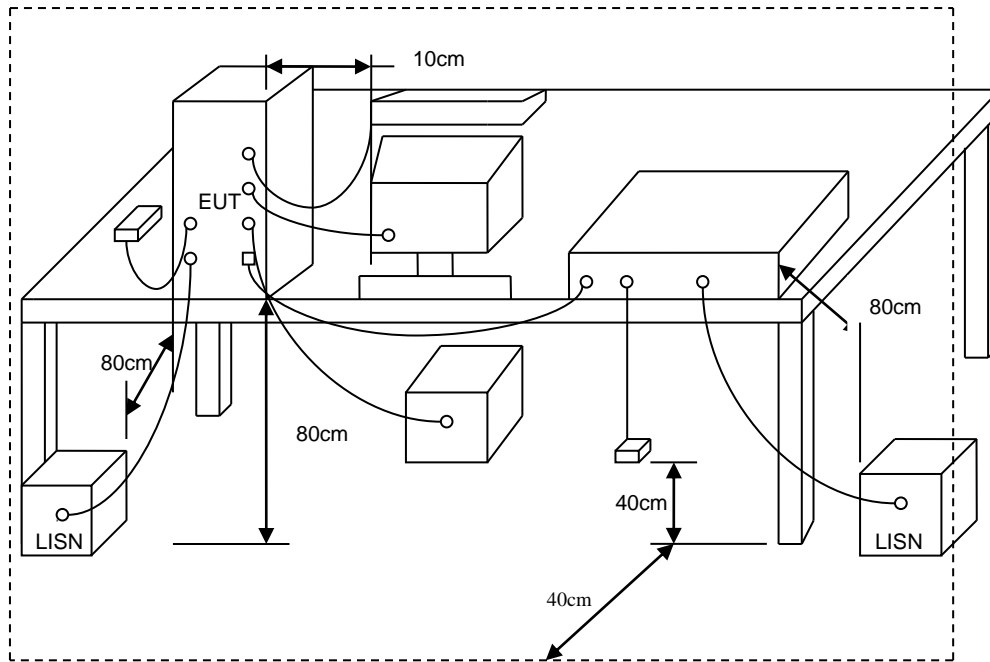
### 5.2. Test Procedures

- 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.





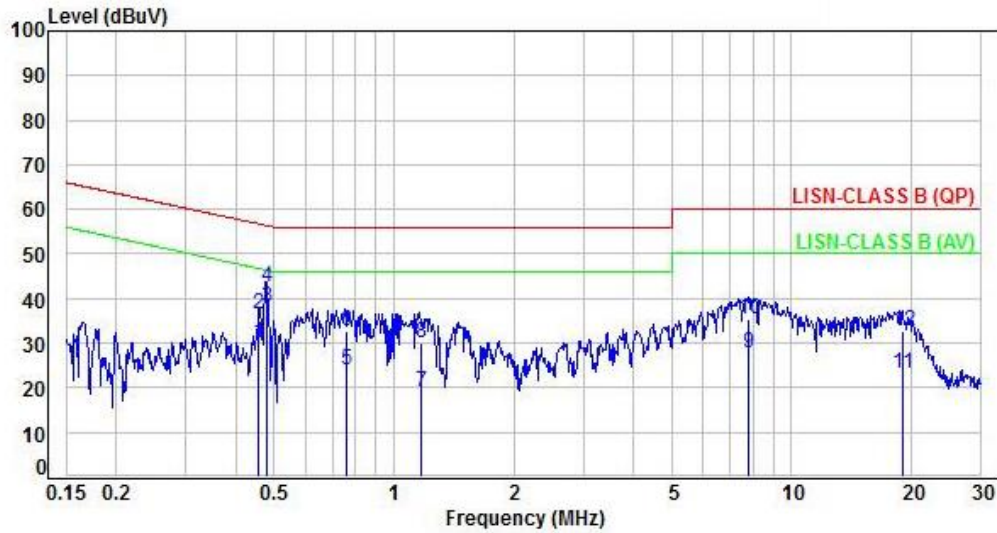
### 5.3. Typical Test Setup





5.4. Test Result and Data

Power	: AC 120V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 11		:

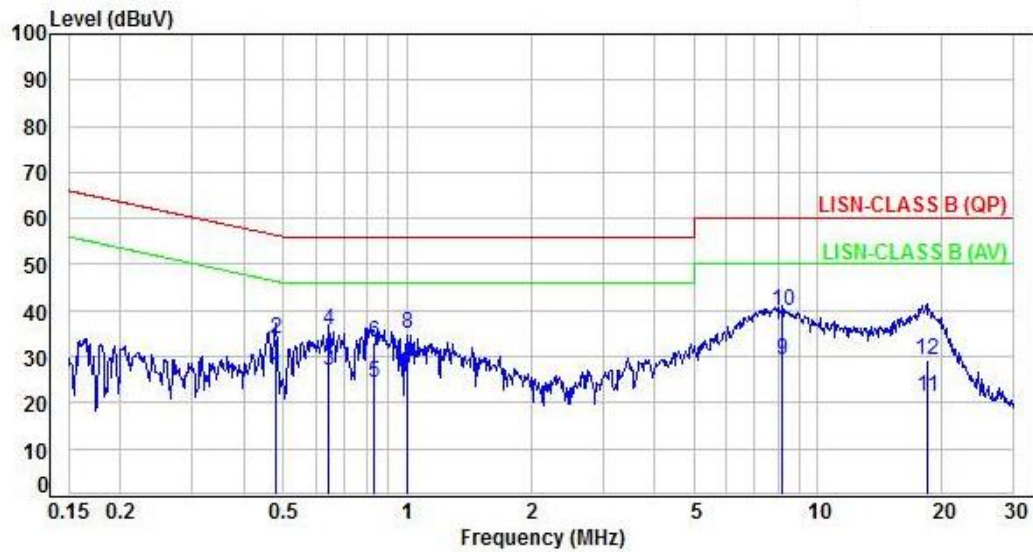


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.46	9.97	20.21	30.18	46.74	-16.56	Average	P
2	0.46	9.97	26.65	36.62	56.74	-20.12	QP	P
3	0.48	9.98	28.12	38.10	46.37	-8.27	Average	P
4	0.48	9.98	32.70	42.68	56.37	-13.69	QP	P
5	0.76	10.01	13.81	23.82	46.00	-22.18	Average	P
6	0.76	10.01	22.53	32.54	56.00	-23.46	QP	P
7	1.17	10.05	8.97	19.02	46.00	-26.98	Average	P
8	1.17	10.05	20.12	30.17	56.00	-25.83	QP	P
9	7.78	10.48	17.33	27.81	50.00	-22.19	Average	P
10	7.78	10.48	24.98	35.46	60.00	-24.54	QP	P
11	19.02	11.23	12.05	23.28	50.00	-26.72	Average	P
12	19.02	11.23	21.28	32.51	60.00	-27.49	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 11		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.48	9.98	15.82	25.80	46.35	-20.55	Average	P
2	0.48	9.98	23.74	33.72	56.35	-22.63	QP	P
3	0.65	10.00	17.01	27.01	46.00	-18.99	Average	P
4	0.65	10.00	25.84	35.84	56.00	-20.16	QP	P
5	0.83	10.02	14.39	24.41	46.00	-21.59	Average	P
6	0.83	10.02	23.22	33.24	56.00	-22.76	QP	P
7	1.00	10.03	16.04	26.07	46.00	-19.93	Average	P
8	1.00	10.03	24.98	35.01	56.00	-20.99	QP	P
9	8.18	10.41	18.95	29.36	50.00	-20.64	Average	P
10	8.18	10.41	29.64	40.05	60.00	-19.95	QP	P
11	18.43	11.02	10.35	21.37	50.00	-28.63	Average	P
12	18.43	11.02	18.16	29.18	60.00	-30.82	QP	P

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



## 6. Test of Spurious Emission (Radiated)

### 6.1. Test Limit

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

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of  $-27$  dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:  
All emissions shall be limited to a level of  $-27$  dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.
- (5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
- (6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
- (7) The provisions of §15.205 apply to intentional radiators operating under this section.
- (8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.



## 6.2. Test Procedures

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

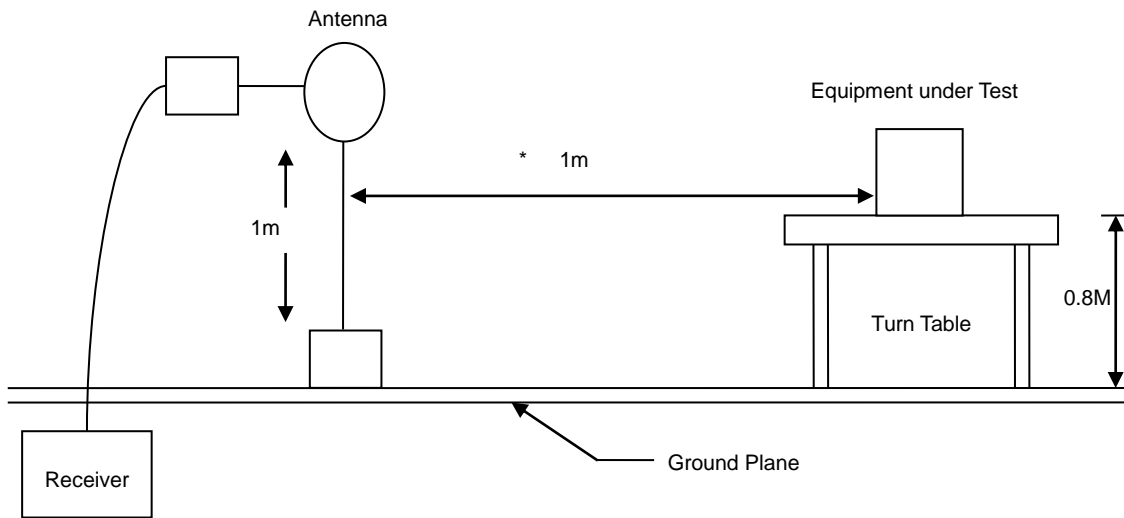
Note:

- 1.The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized.  
(Z-AXIS is the worst.)
- 2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

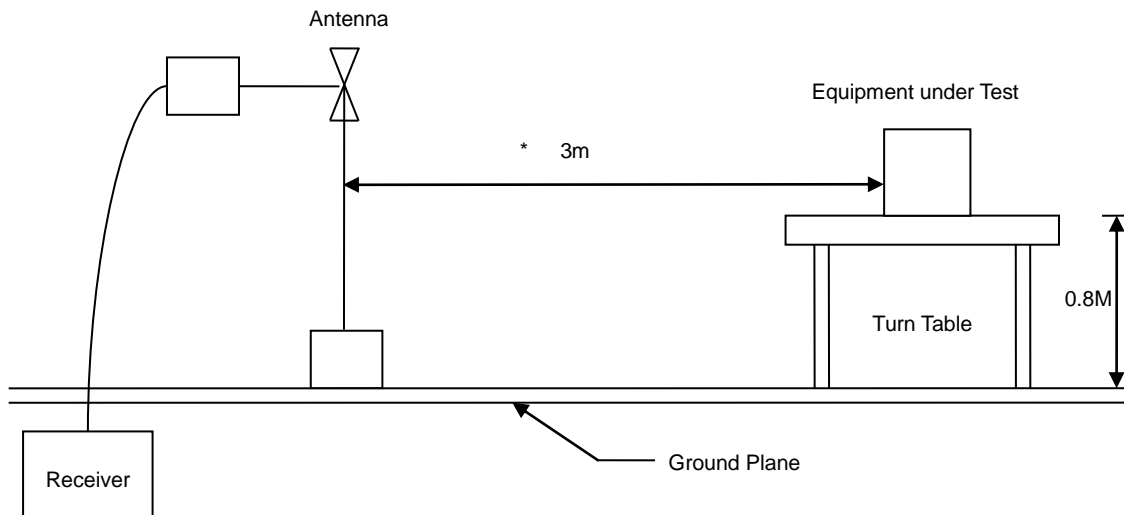


### 6.3. Typical Test Setup

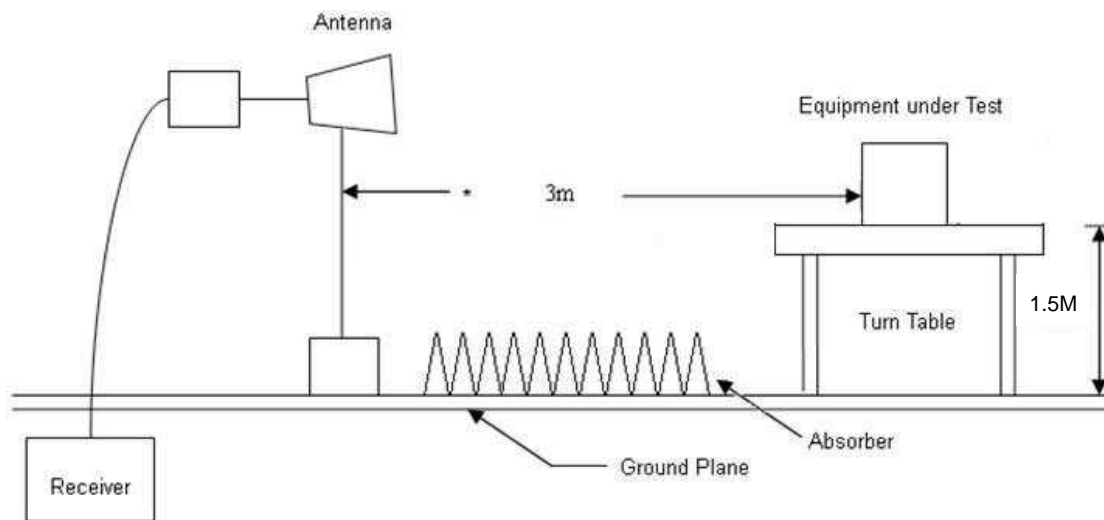
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



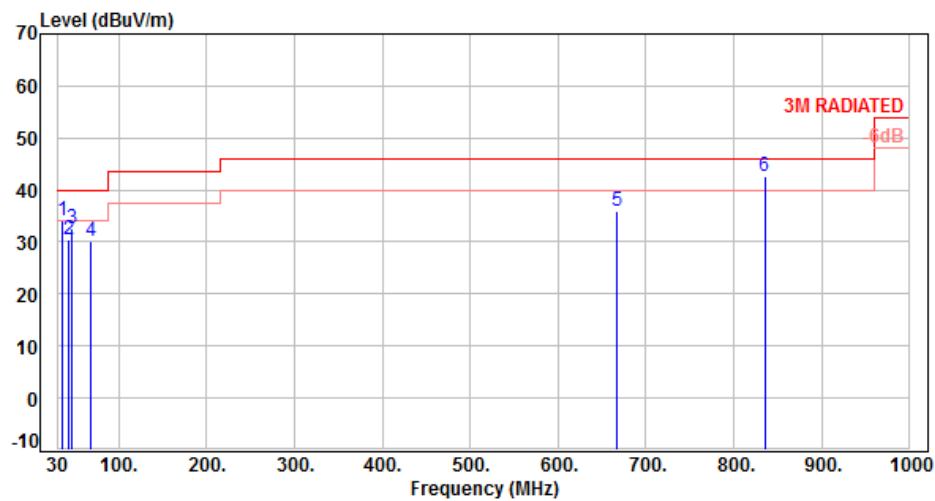


### 6.4. Test Result and Data (9kHz ~ 30MHz)

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

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

Power	:	DC 48V From POE	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5		:	

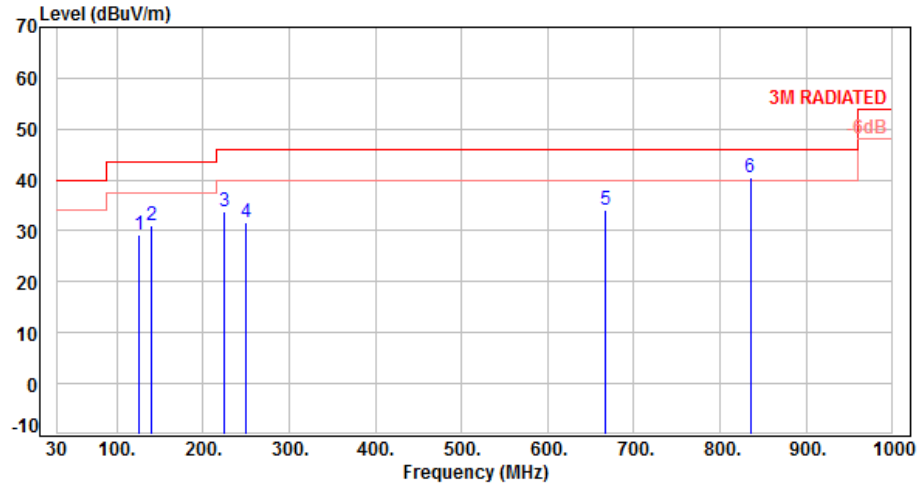


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	35.82	-11.60	45.79	34.19	40.00	-5.81	Peak	400	360	P
2	43.58	-10.67	41.08	30.41	40.00	-9.59	QP	100	358	P
3	47.46	-10.57	43.10	32.53	40.00	-7.47	Peak	400	360	P
4	68.80	-12.82	42.92	30.10	40.00	-9.90	Peak	400	360	P
5	666.32	-1.60	37.62	36.02	46.00	-9.98	Peak	400	360	P
6	835.10	1.13	41.44	42.57	46.00	-3.43	Peak	400	360	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	125.06	-12.46	41.82	29.36	43.50	-14.14	Peak	400	360	P
2	140.58	-11.16	42.10	30.94	43.50	-12.56	Peak	400	360	P
3	224.00	-12.73	46.56	33.83	46.00	-12.17	Peak	400	360	P
4	249.22	-11.58	43.37	31.79	46.00	-14.21	Peak	400	360	P
5	666.32	-1.60	35.75	34.15	46.00	-11.85	Peak	400	360	P
6	835.10	1.13	39.49	40.62	46.00	-5.38	Peak	400	360	P

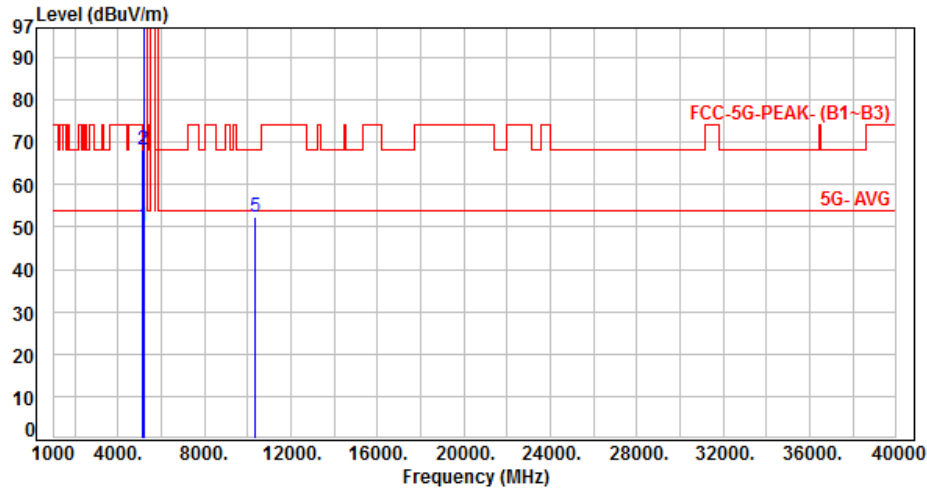
Note: Level=Reading+Factor  
 Margin=Level-Limit  
 Factor=Antenna Factor + cable loss - Amplifier Factor





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

Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 1, CH36		

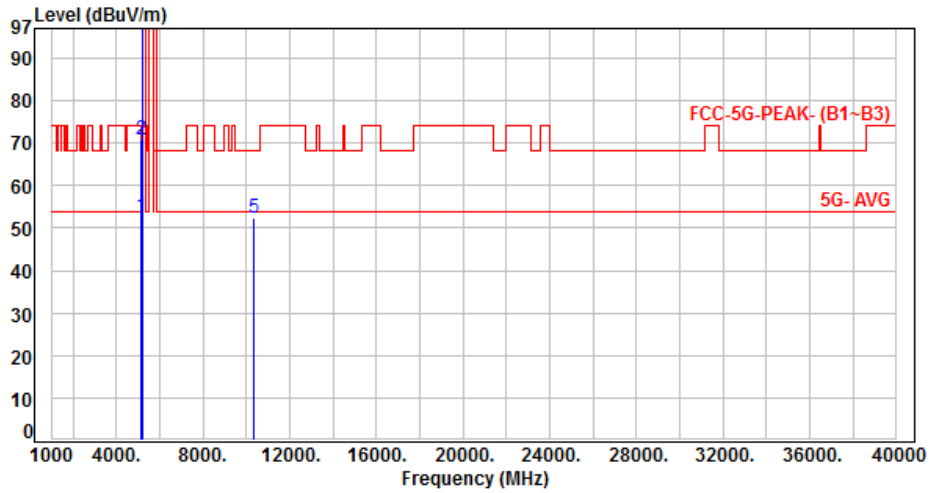


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	45.43	50.12	54.00	-3.88	Average	375	104	P
2	5150.00	4.69	63.65	68.34	74.00	-5.66	Peak	375	104	P
3	5180.00	4.66	94.26	98.92	200.00	-101.08	Average	375	104	P
4	5180.00	4.66	103.01	107.67	200.00	-92.33	Peak	375	104	P
5	10360.00	11.51	40.84	52.35	68.20	-15.85	Peak	100	115	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 1, CH36		:

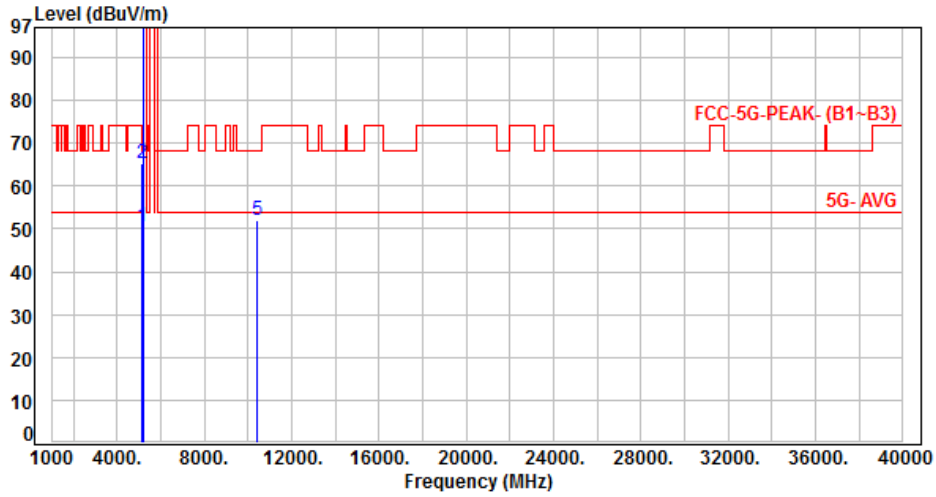


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.05	52.74	54.00	-1.26	Average	100	65	P
2	5150.00	4.69	66.07	70.76	74.00	-3.24	Peak	100	65	P
3	5180.00	4.66	96.52	101.18	200.00	-98.82	Average	100	65	P
4	5180.00	4.66	105.85	110.51	200.00	-89.49	Peak	100	65	P
5	10360.00	11.51	40.96	52.47	68.20	-15.73	Peak	100	82	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 1, CH40		:

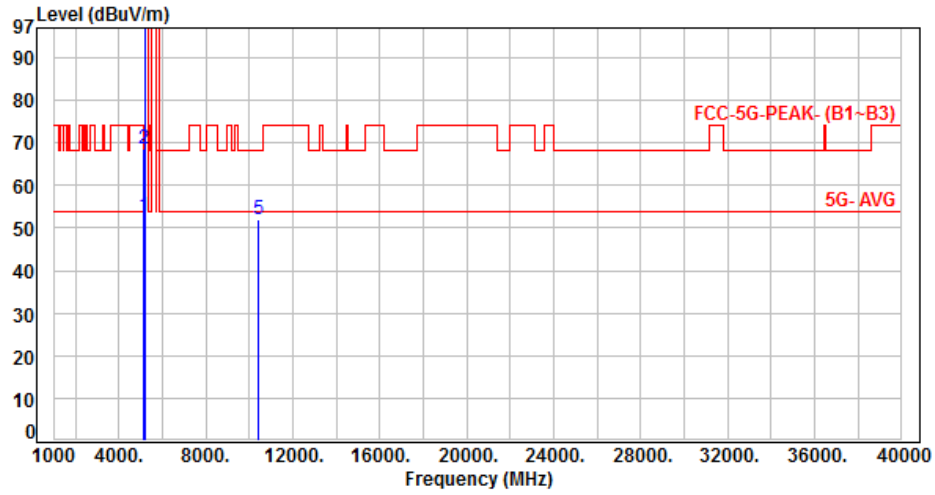


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	45.79	50.48	54.00	-3.52	Average	375	95	P
2	5150.00	4.69	60.71	65.40	74.00	-8.60	Peak	375	95	P
3	5200.00	4.63	96.71	101.34	200.00	-98.66	Average	375	95	P
4	5200.00	4.63	105.93	110.56	200.00	-89.44	Peak	375	95	P
5	10400.00	11.57	40.25	51.82	68.20	-16.38	Peak	100	116	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 1, CH40		:

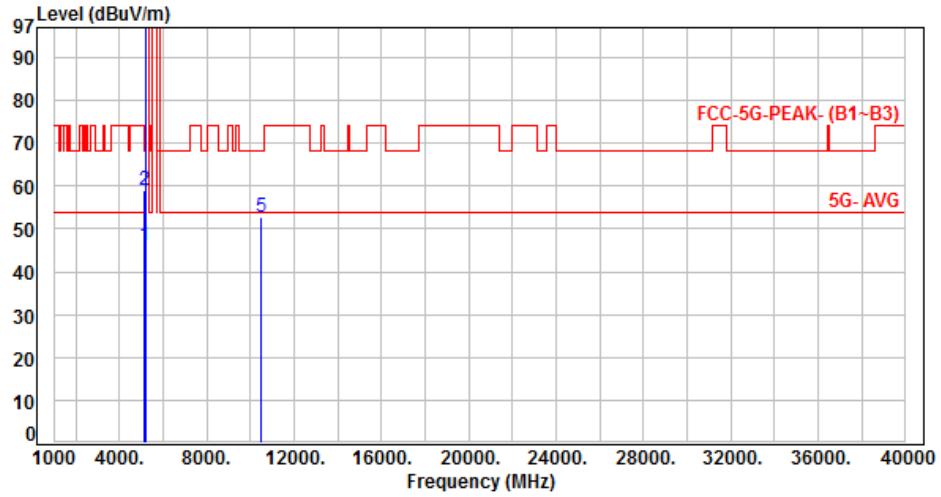


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	47.90	52.59	54.00	-1.41	Average	100	73	P
2	5150.00	4.69	64.03	68.72	74.00	-5.28	Peak	100	73	P
3	5200.00	4.63	99.71	104.34	200.00	-95.66	Average	100	73	P
4	5200.00	4.63	108.71	113.34	200.00	-86.66	Peak	100	73	P
5	10400.00	11.57	40.44	52.01	68.20	-16.19	Peak	100	86	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 1, CH48		:

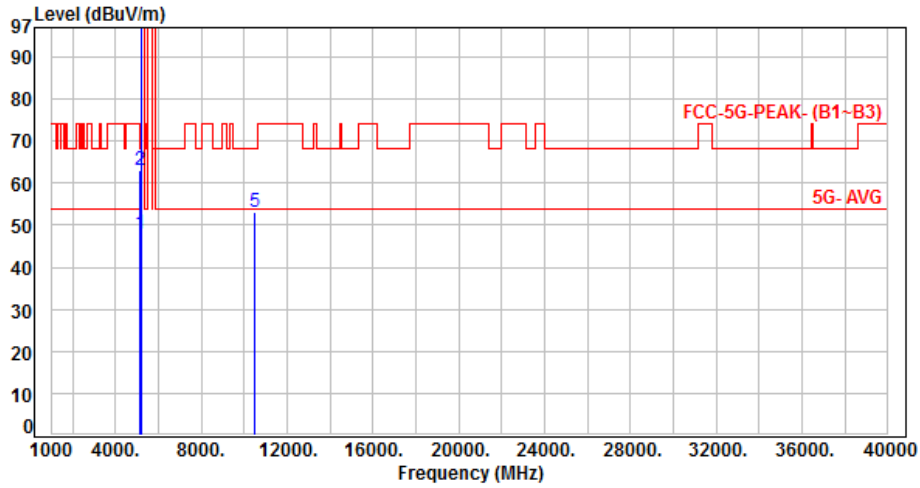


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	41.28	45.97	54.00	-8.03	Average	347	105	P
2	5150.00	4.69	54.44	59.13	74.00	-14.87	Peak	347	105	P
3	5240.00	4.73	99.17	103.90	200.00	-96.10	Average	347	105	P
4	5240.00	4.73	108.53	113.26	200.00	-86.74	Peak	347	105	P
5	10480.00	11.70	41.02	52.72	68.20	-15.48	Peak	100	98	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 1, CH48		:

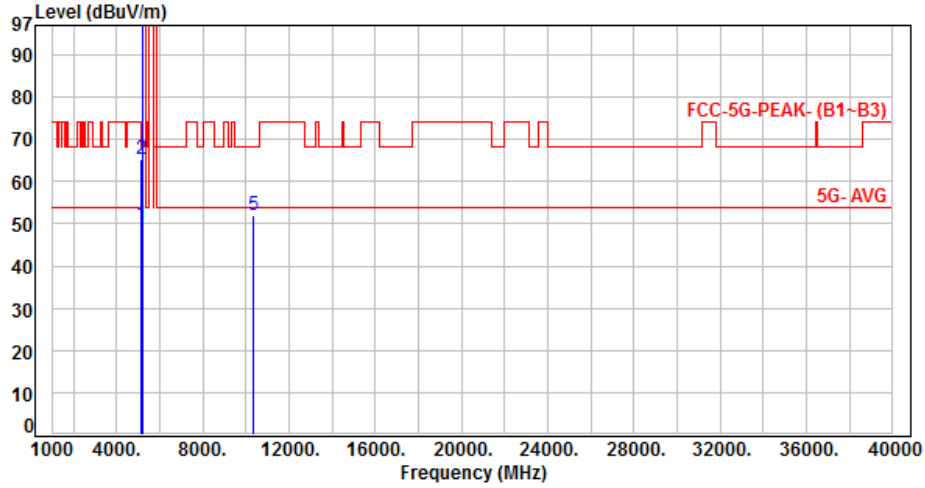


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	43.21	47.90	54.00	-6.10	Average	104	74	P
2	5150.00	4.69	58.25	62.94	74.00	-11.06	Peak	104	74	P
3	5240.00	4.73	102.19	106.92	200.00	-93.08	Average	104	74	P
4	5240.00	4.73	111.48	116.21	200.00	-83.79	Peak	104	74	P
5	10480.00	11.70	41.38	53.08	68.20	-15.12	Peak	100	68	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 1, CH36		:

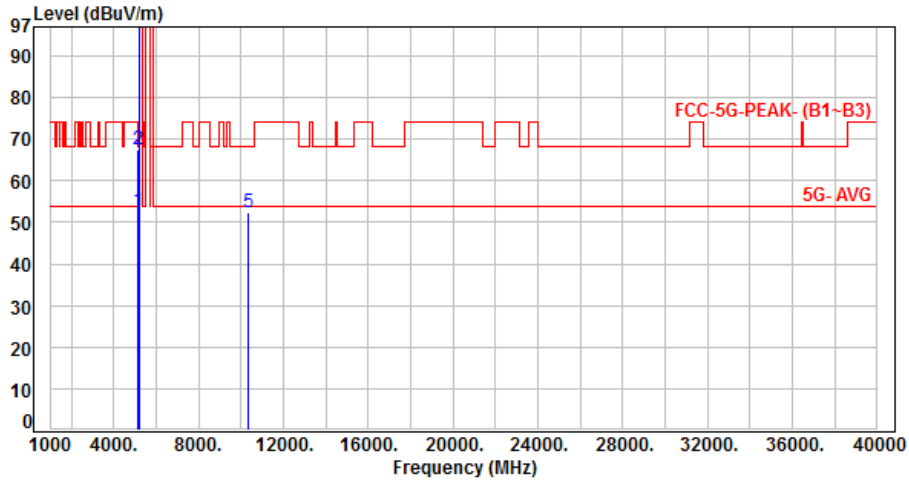


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	45.27	49.96	54.00	-4.04	Average	333	104	P
2	5150.00	4.69	60.64	65.33	74.00	-8.67	Peak	333	104	P
3	5180.00	4.66	93.42	98.08	200.00	-101.92	Average	333	104	P
4	5180.00	4.66	103.63	108.29	200.00	-91.71	Peak	333	104	P
5	10360.00	11.51	40.41	51.92	68.20	-16.28	Peak	100	119	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 1, CH36		:



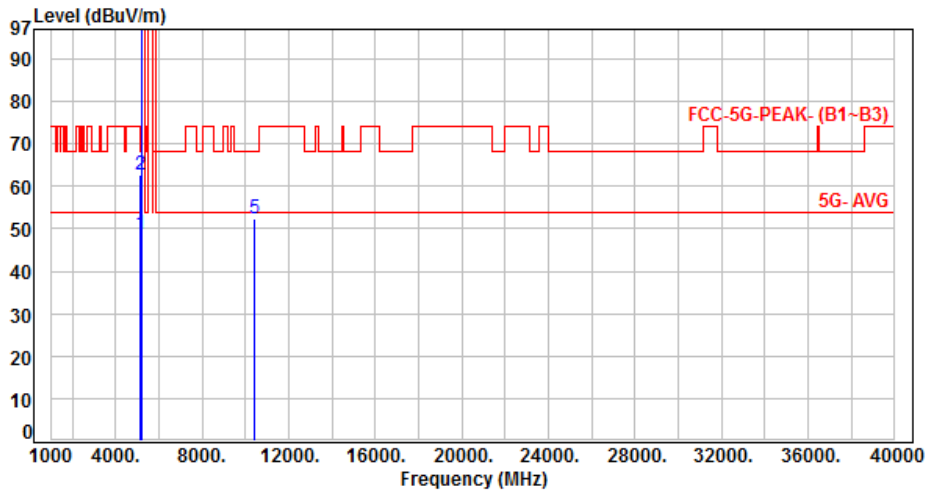
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.13	52.82	54.00	-1.18	Average	100	64	P
2	5150.00	4.69	62.98	67.67	74.00	-6.33	Peak	100	64	P
3	5180.00	4.66	95.32	99.98	200.00	-100.02	Average	100	64	P
4	5180.00	4.66	105.53	110.19	200.00	-89.81	Peak	100	64	P
5	10360.00	11.51	40.74	52.25	68.20	-15.95	Peak	100	78	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 1, CH40		

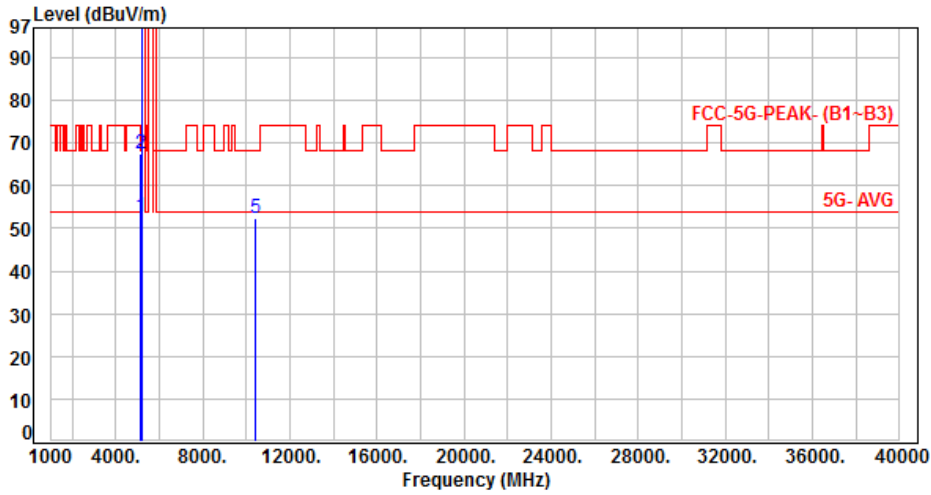


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	44.14	48.83	54.00	-5.17	Average	315	107	P
2	5150.00	4.69	58.11	62.80	74.00	-11.20	Peak	315	107	P
3	5200.00	4.63	95.21	99.84	200.00	-100.16	Average	315	107	P
4	5200.00	4.63	104.73	109.36	200.00	-90.64	Peak	315	107	P
5	10400.00	11.57	40.65	52.22	68.20	-15.98	Peak	100	124	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 1, CH40		:

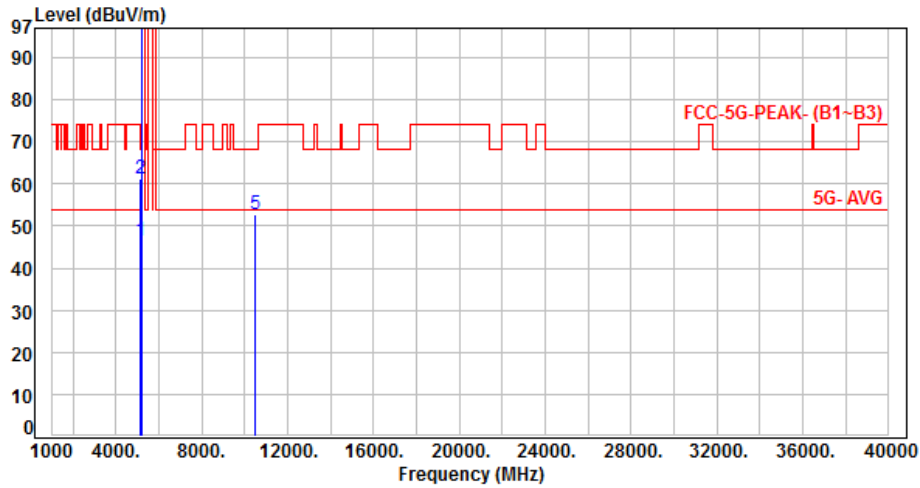


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.21	52.90	54.00	-1.10	Average	103	75	P
2	5150.00	4.69	62.95	67.64	74.00	-6.36	Peak	103	75	P
3	5200.00	4.63	98.97	103.60	200.00	-96.40	Average	103	75	P
4	5200.00	4.63	108.87	113.50	200.00	-86.50	Peak	103	75	P
5	10400.00	11.57	40.88	52.45	68.20	-15.75	Peak	100	86	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 1, CH48		:

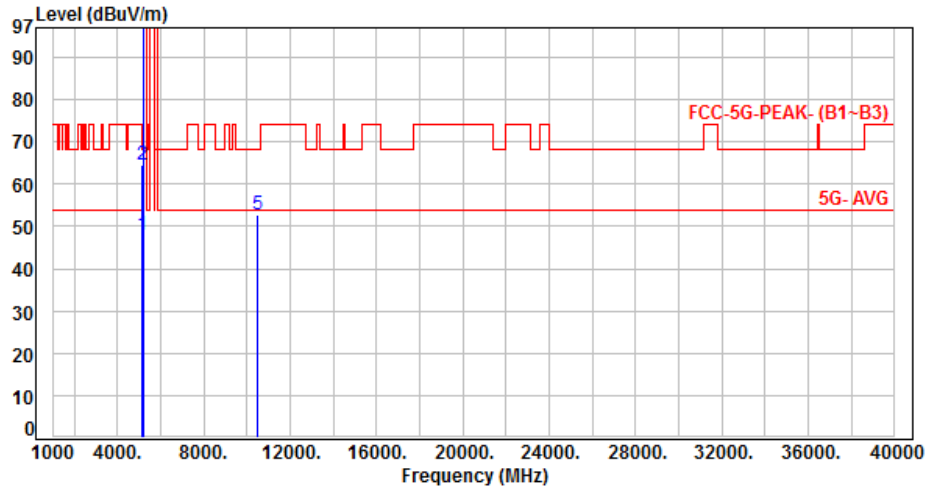


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	41.69	46.38	54.00	-7.62	Average	365	104	P
2	5150.00	4.69	56.45	61.14	74.00	-12.86	Peak	365	104	P
3	5240.00	4.73	98.82	103.55	200.00	-96.45	Average	365	104	P
4	5240.00	4.73	109.35	114.08	200.00	-85.92	Peak	365	104	P
5	10480.00	11.70	40.89	52.59	68.20	-15.61	Peak	100	111	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 1, CH48		:

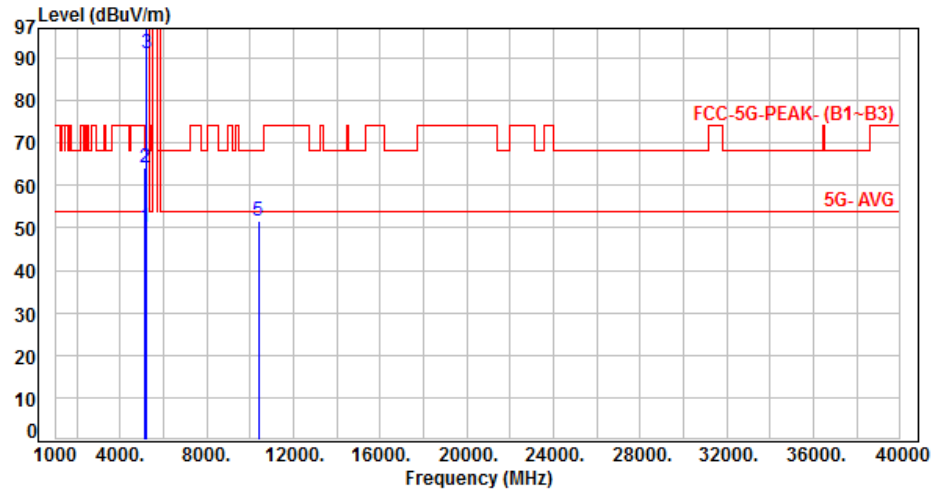


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	43.41	48.10	54.00	-5.90	Average	106	69	P
2	5150.00	4.69	59.76	64.45	74.00	-9.55	Peak	106	69	P
3	5240.00	4.73	101.88	106.61	200.00	-93.39	Average	106	69	P
4	5240.00	4.73	112.05	116.78	200.00	-83.22	Peak	106	69	P
5	10480.00	11.70	41.06	52.76	68.20	-15.44	Peak	100	81	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 1, CH38		:

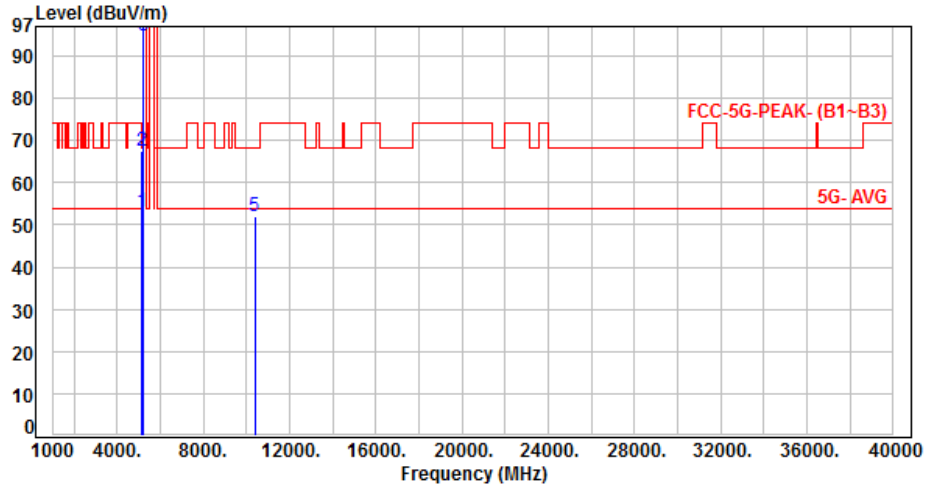


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	45.42	50.11	54.00	-3.89	Average	400	102	P
2	5150.00	4.69	59.61	64.30	74.00	-9.70	Peak	400	102	P
3	5190.00	4.64	86.62	91.26	200.00	-108.74	Average	400	102	P
4	5190.00	4.64	95.83	100.47	200.00	-99.53	Peak	400	102	P
5	10380.00	11.54	40.18	51.72	68.20	-16.48	Peak	100	108	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 1, CH38		

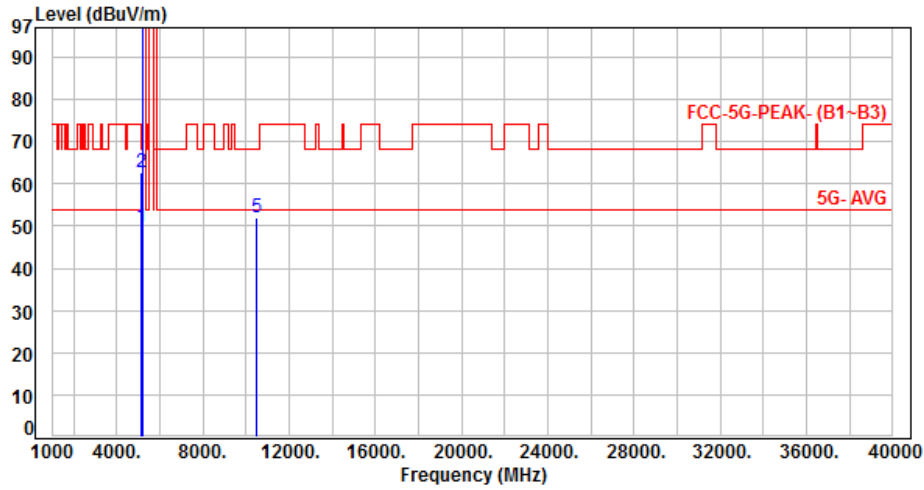


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.29	52.98	54.00	-1.02	Average	100	71	P
2	5150.00	4.69	62.85	67.54	74.00	-6.46	Peak	100	71	P
3	5190.00	4.64	90.32	94.96	200.00	-105.04	Average	100	71	P
4	5190.00	4.64	100.47	105.11	200.00	-94.89	Peak	100	71	P
5	10380.00	11.54	40.39	51.93	68.20	-16.27	Peak	100	88	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 1, CH46		

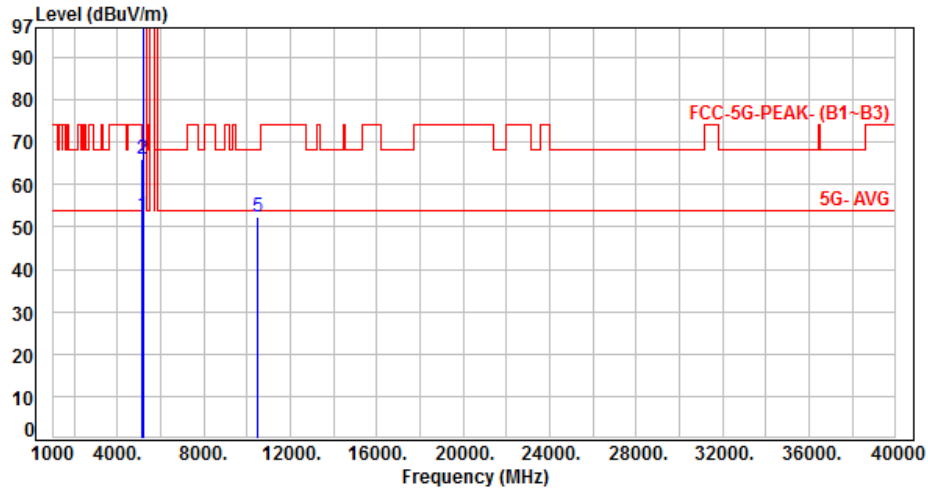


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	45.09	49.78	54.00	-4.22	Average	365	102	P
2	5150.00	4.69	57.85	62.54	74.00	-11.46	Peak	365	102	P
3	5230.00	4.70	93.39	98.09	200.00	-101.91	Average	365	102	P
4	5230.00	4.70	102.18	106.88	200.00	-93.12	Peak	365	102	P
5	10460.00	11.67	40.45	52.12	68.20	-16.08	Peak	100	121	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 1, CH46		:



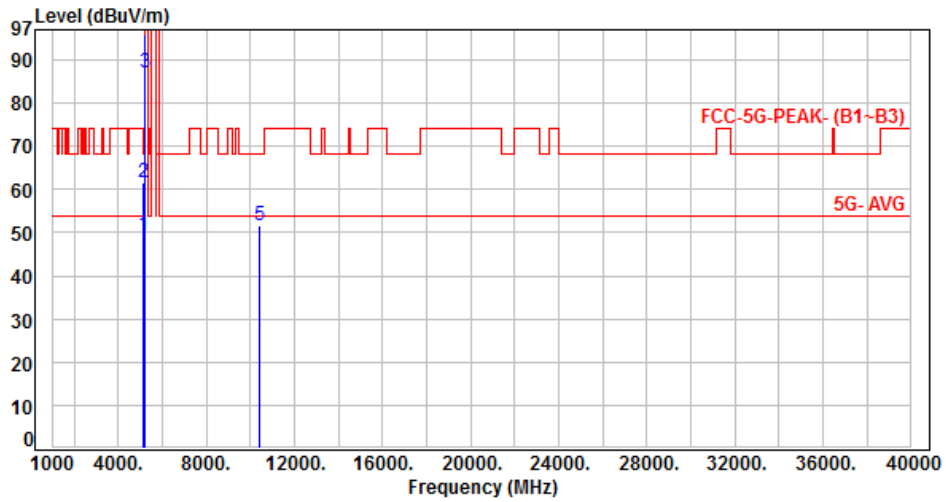
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.11	52.80	54.00	-1.20	Average	109	63	P
2	5150.00	4.69	61.36	66.05	74.00	-7.95	Peak	109	63	P
3	5230.00	4.70	95.05	99.75	200.00	-100.25	Average	109	63	P
4	5230.00	4.70	103.79	108.49	200.00	-91.51	Peak	109	63	P
5	10460.00	11.67	40.63	52.30	68.20	-15.90	Peak	100	91	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 1, CH42		:

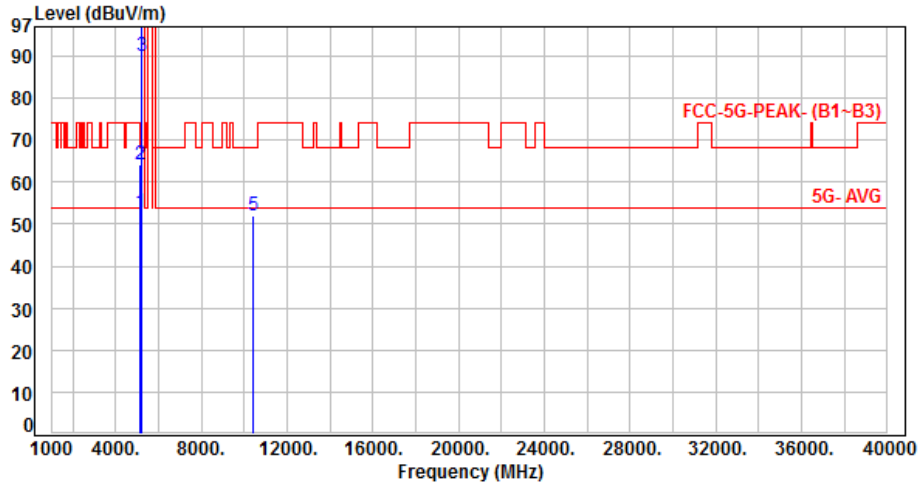


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	44.82	49.51	54.00	-4.49	Average	371	103	P
2	5150.00	4.69	56.97	61.66	74.00	-12.34	Peak	371	103	P
3	5210.00	4.65	82.46	87.11	200.00	-112.89	Average	371	103	P
4	5210.00	4.65	91.11	95.76	200.00	-104.24	Peak	371	103	P
5	10420.00	11.61	39.97	51.58	68.20	-16.62	Peak	100	112	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 1, CH42		:

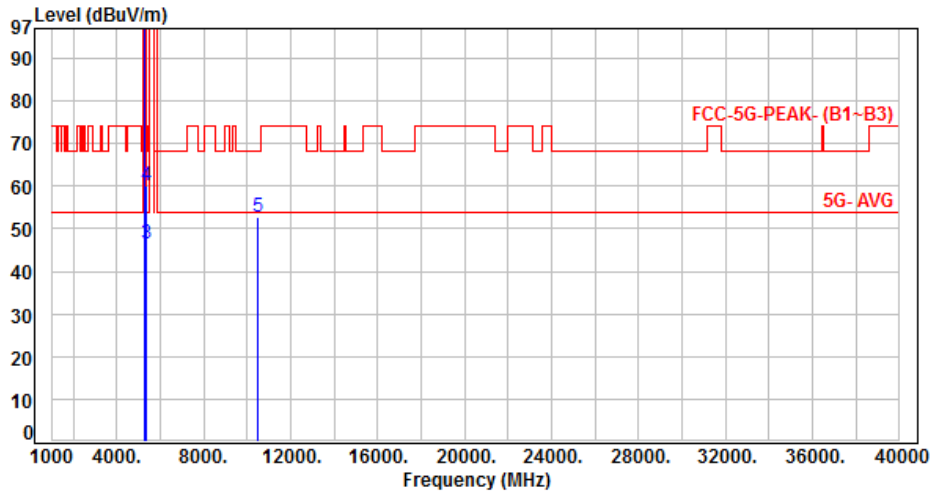


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	4.69	48.23	52.92	54.00	-1.08	Average	100	62	P
2	5150.00	4.69	59.41	64.10	74.00	-9.90	Peak	100	62	P
3	5210.00	4.65	85.52	90.17	200.00	-109.83	Average	100	62	P
4	5210.00	4.65	93.81	98.46	200.00	-101.54	Peak	100	62	P
5	10420.00	11.61	40.24	51.85	68.20	-16.35	Peak	100	78	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 2, CH52		:

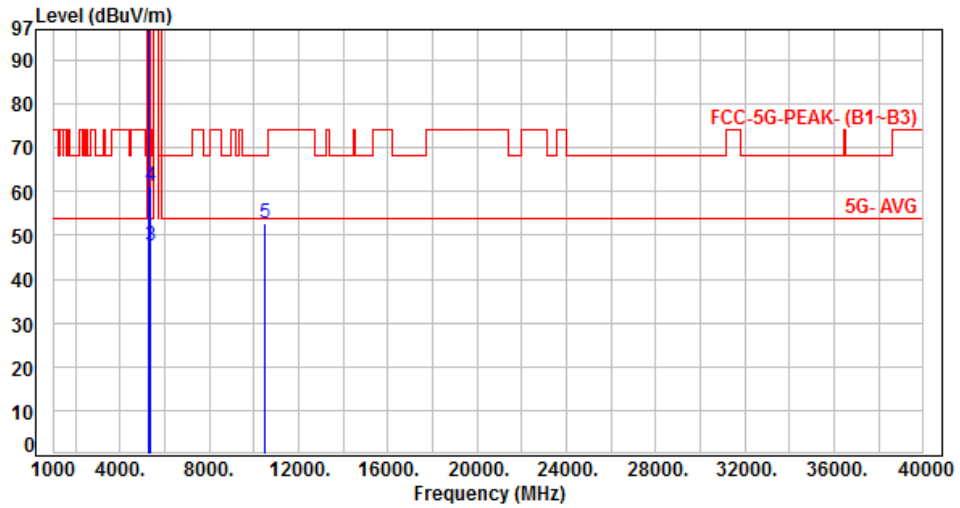


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.79	99.25	104.04	200.00	-95.96	Average	363	100	P
2	5260.00	4.79	108.59	113.38	200.00	-86.62	Peak	363	100	P
3	5350.00	5.02	41.58	46.60	54.00	-7.40	Average	363	100	P
4	5350.00	5.02	55.00	60.02	74.00	-13.98	Peak	363	100	P
5	10520.00	11.79	40.78	52.57	68.20	-15.63	Peak	100	109	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 2, CH52		:

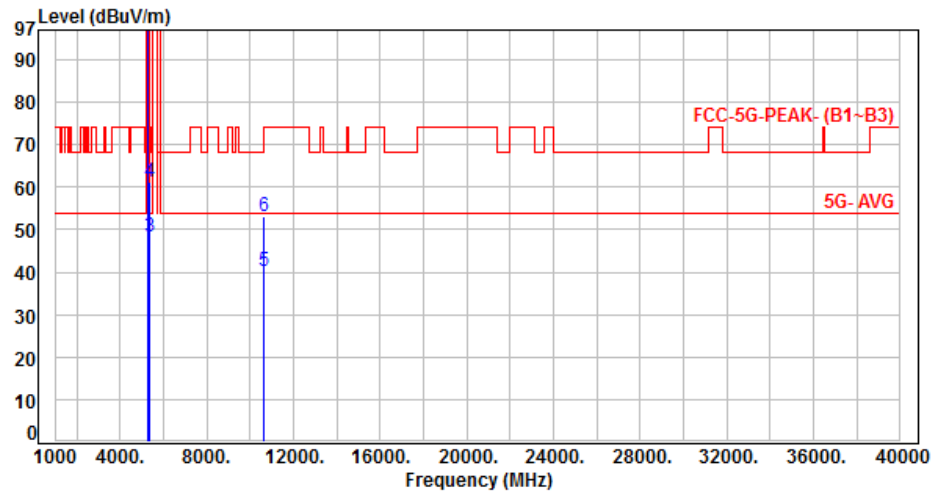


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.79	101.79	106.58	200.00	-93.42	Average	100	60	P
2	5260.00	4.79	111.70	116.49	200.00	-83.51	Peak	100	60	P
3	5350.00	5.02	42.58	47.60	54.00	-6.40	Average	100	60	P
4	5350.00	5.02	56.35	61.37	74.00	-12.63	Peak	100	60	P
5	10520.00	11.79	41.13	52.92	68.20	-15.28	Peak	100	84	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 2, CH60		:

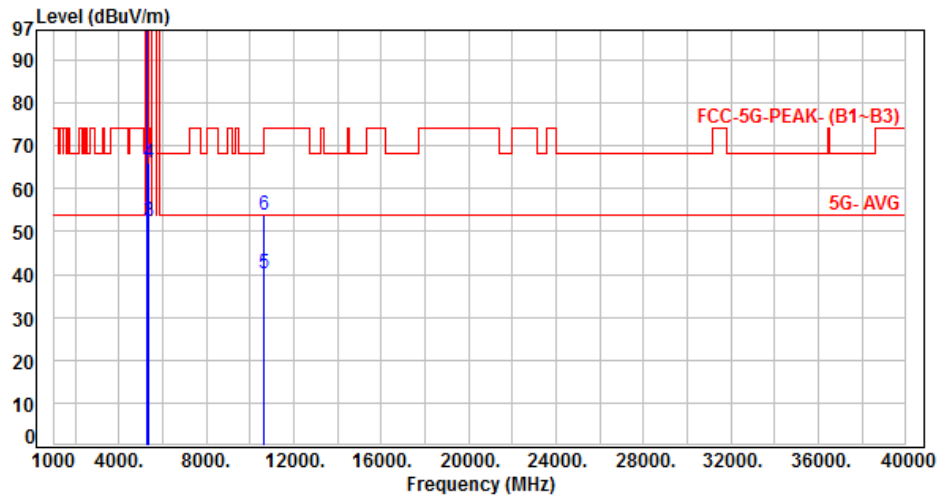


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.89	97.22	102.11	200.00	-97.89	Average	379	105	P
2	5300.00	4.89	106.51	111.40	200.00	-88.60	Peak	379	105	P
3	5350.00	5.02	43.35	48.37	54.00	-5.63	Average	379	105	P
4	5350.00	5.02	56.03	61.05	74.00	-12.95	Peak	379	105	P
5	10600.00	12.03	28.06	40.09	54.00	-13.91	Average	100	113	P
6	10600.00	12.03	41.23	53.26	74.00	-20.74	Peak	100	113	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 2, CH60		:

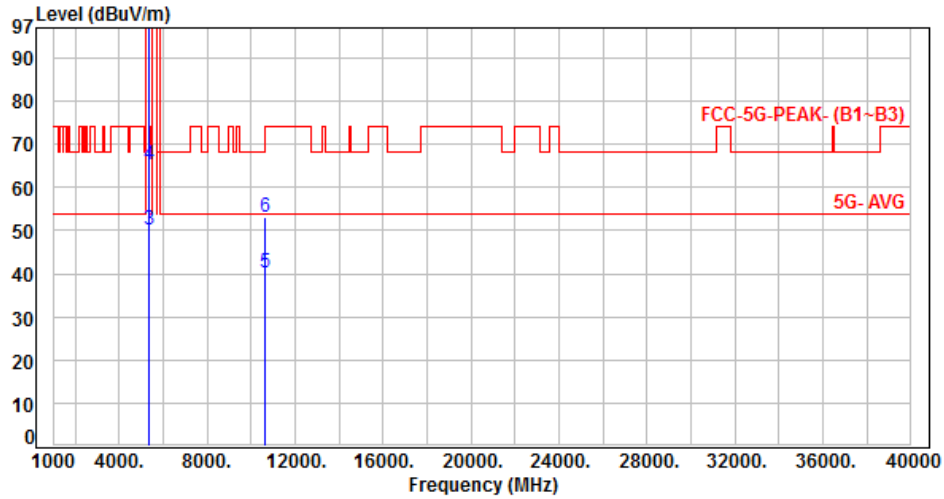


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.89	100.23	105.12	200.00	-94.88	Average	107	62	P
2	5300.00	4.89	109.47	114.36	200.00	-85.64	Peak	107	62	P
3	5350.00	5.02	47.46	52.48	54.00	-1.52	Average	107	62	P
4	5350.00	5.02	61.01	66.03	74.00	-7.97	Peak	107	62	P
5	10600.00	12.03	28.15	40.18	54.00	-13.82	Average	100	67	P
6	10600.00	12.03	41.65	53.68	74.00	-20.32	Peak	100	67	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 2, CH64		:

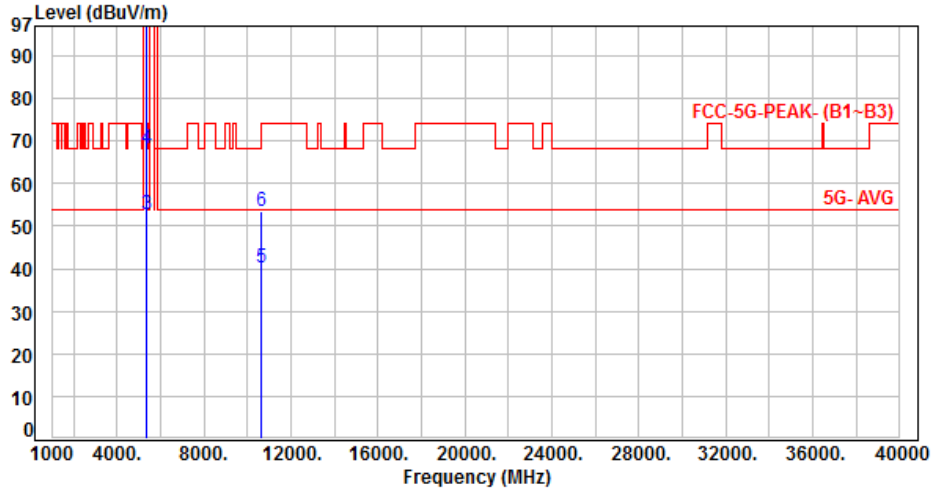


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	4.94	94.08	99.02	200.00	-100.98	Average	375	104	P
2	5320.00	4.94	103.50	108.44	200.00	-91.56	Peak	375	104	P
3	5350.00	5.02	45.27	50.29	54.00	-3.71	Average	375	104	P
4	5350.00	5.02	60.21	65.23	74.00	-8.77	Peak	375	104	P
5	10640.00	12.02	28.09	40.11	54.00	-13.89	Average	100	123	P
6	10640.00	12.02	41.16	53.18	74.00	-20.82	Peak	100	123	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 2, CH64		:



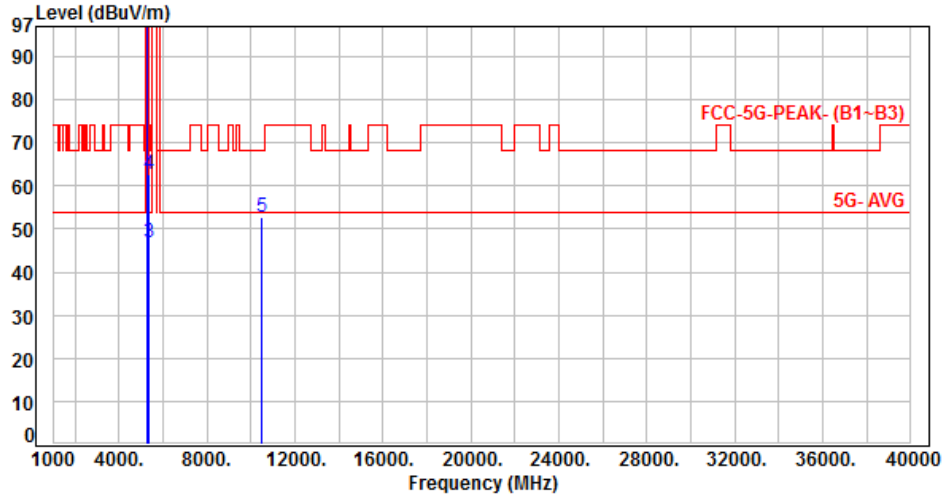
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	4.94	97.23	102.17	200.00	-97.83	Average	106	65	P
2	5320.00	4.94	106.46	111.40	200.00	-88.60	Peak	106	65	P
3	5350.00	5.02	47.80	52.82	54.00	-1.18	Average	106	65	P
4	5350.00	5.02	63.22	68.24	74.00	-5.76	Peak	106	65	P
5	10640.00	12.02	28.23	40.25	54.00	-13.75	Average	100	73	P
6	10640.00	12.02	41.53	53.55	74.00	-20.45	Peak	100	73	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 2, CH52		:

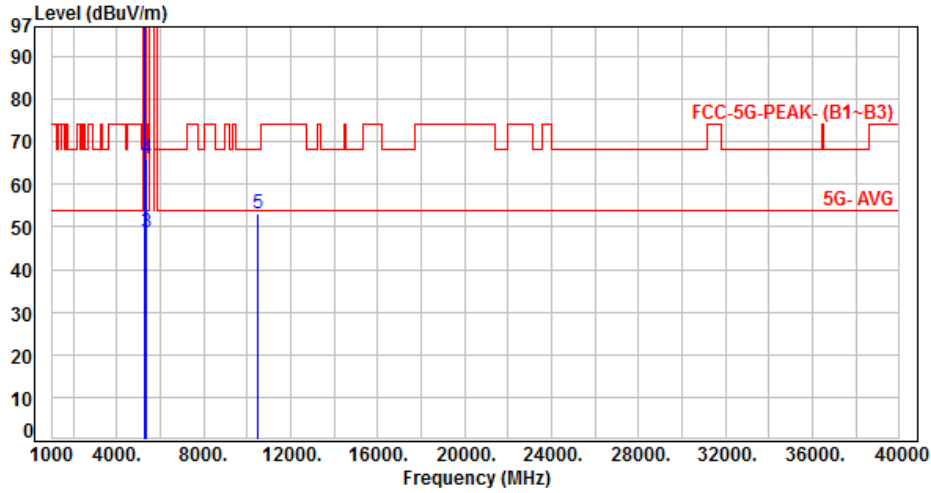


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.79	99.21	104.00	200.00	-96.00	Average	361	99	P
2	5260.00	4.79	109.12	113.91	200.00	-86.09	Peak	361	99	P
3	5350.00	5.02	41.74	46.76	54.00	-7.24	Average	361	99	P
4	5350.00	5.02	57.73	62.75	74.00	-11.25	Peak	361	99	P
5	10520.00	11.79	40.79	52.58	68.20	-15.62	Peak	100	134	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 2, CH52		

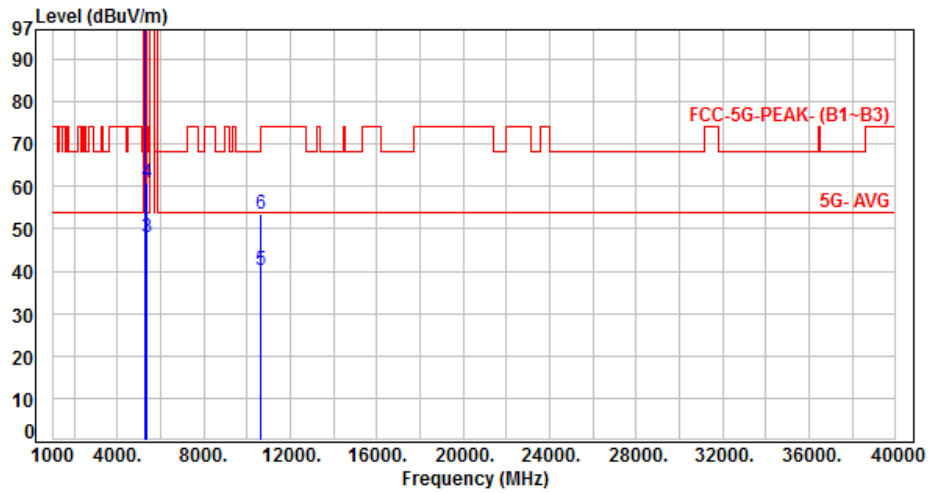


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	4.79	102.15	106.94	200.00	-93.06	Average	100	76	P
2	5260.00	4.79	112.27	117.06	200.00	-82.94	Peak	100	76	P
3	5350.00	5.02	43.57	48.59	54.00	-5.41	Average	100	76	P
4	5350.00	5.02	60.88	65.90	74.00	-8.10	Peak	100	76	P
5	10520.00	11.79	41.34	53.13	68.20	-15.07	Peak	100	85	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 2, CH60		

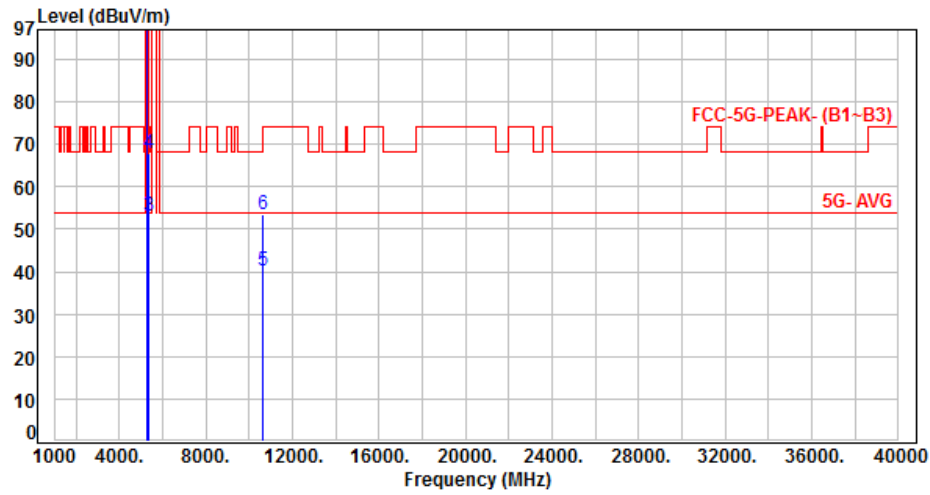


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.89	96.09	100.98	200.00	-99.02	Average	382	109	P
2	5300.00	4.89	106.08	110.97	200.00	-89.03	Peak	382	109	P
3	5350.00	5.02	42.79	47.81	54.00	-6.19	Average	382	109	P
4	5350.00	5.02	55.79	60.81	74.00	-13.19	Peak	382	109	P
5	10600.00	12.03	28.07	40.10	54.00	-13.90	Average	100	124	P
6	10600.00	12.03	41.28	53.31	74.00	-20.69	Peak	100	124	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 2, CH60		:

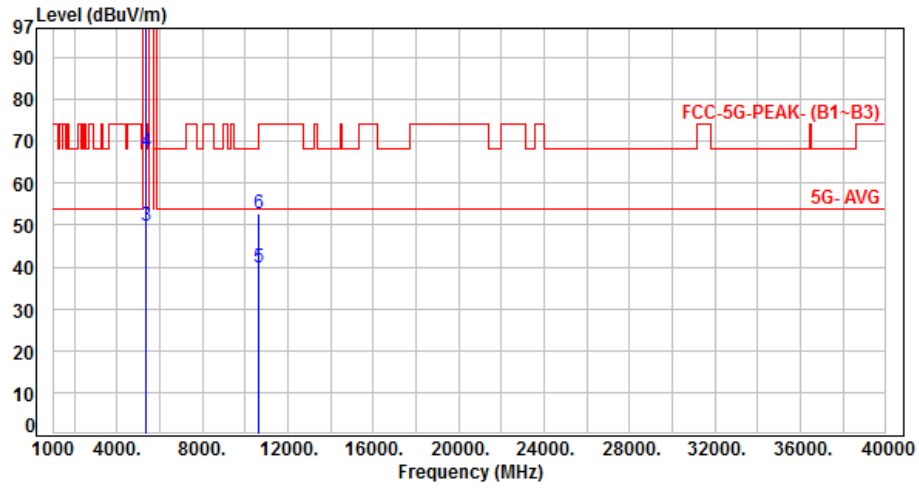


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	4.89	99.44	104.33	200.00	-95.67	Average	107	61	P
2	5300.00	4.89	109.85	114.74	200.00	-85.26	Peak	107	61	P
3	5350.00	5.02	47.95	52.97	54.00	-1.03	Average	107	61	P
4	5350.00	5.02	62.74	67.76	74.00	-6.24	Peak	107	61	P
5	10600.00	12.03	28.18	40.21	54.00	-13.79	Average	100	77	P
6	10600.00	12.03	41.53	53.56	74.00	-20.44	Peak	100	77	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 2, CH64		:

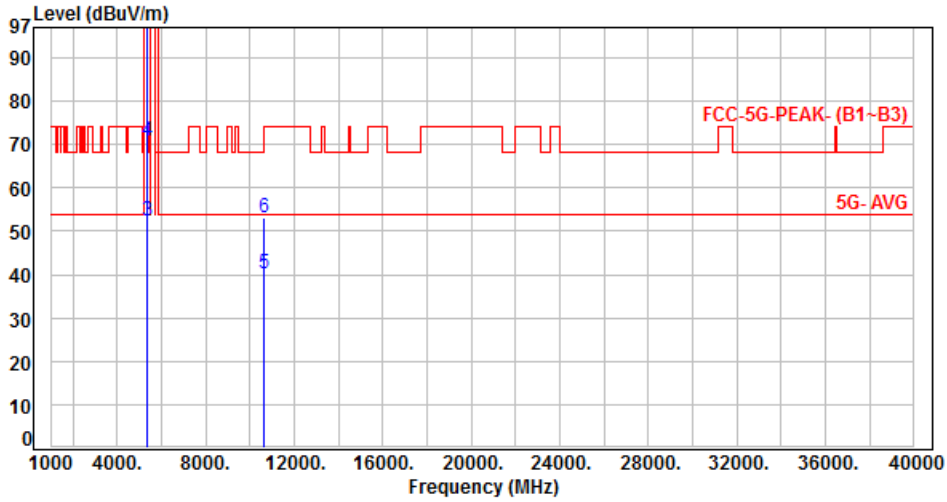


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	4.94	93.73	98.67	200.00	-101.33	Average	356	103	P
2	5320.00	4.94	103.82	108.76	200.00	-91.24	Peak	356	103	P
3	5350.00	5.02	44.66	49.68	54.00	-4.32	Average	356	103	P
4	5350.00	5.02	62.32	67.34	74.00	-6.66	Peak	356	103	P
5	10640.00	12.02	27.96	39.98	54.00	-14.02	Average	100	119	P
6	10640.00	12.02	40.65	52.67	74.00	-21.33	Peak	100	119	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 2, CH64		:

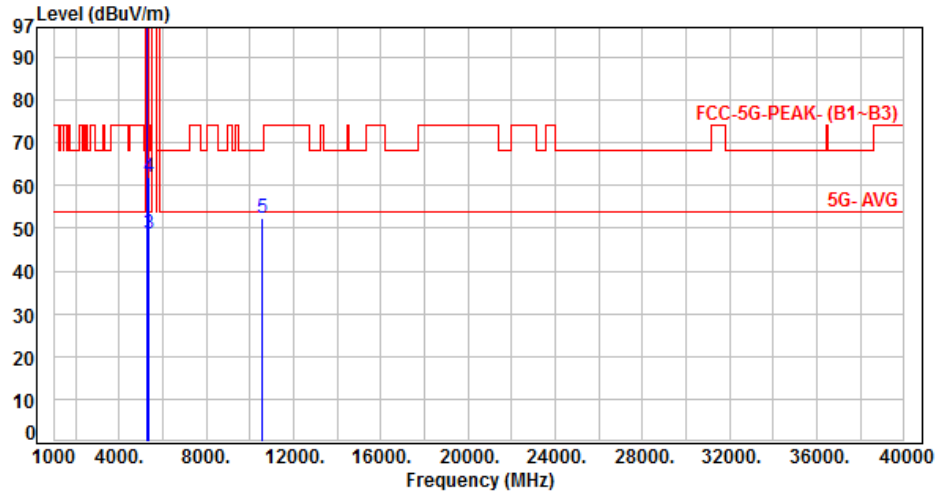


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	4.94	96.25	101.19	200.00	-98.81	Average	112	67	P
2	5320.00	4.94	105.86	110.80	200.00	-89.20	Peak	112	67	P
3	5350.00	5.02	47.41	52.43	54.00	-1.57	Average	112	67	P
4	5350.00	5.02	65.84	70.86	74.00	-3.14	Peak	112	67	P
5	10640.00	12.02	28.17	40.19	54.00	-13.81	Average	100	88	P
6	10640.00	12.02	41.12	53.14	74.00	-20.86	Peak	100	88	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 2, CH54		:

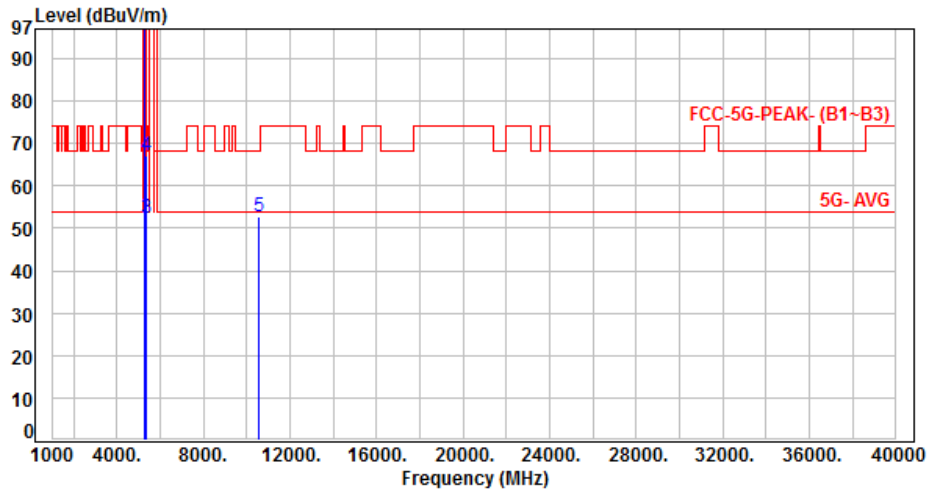


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	4.82	92.80	97.62	200.00	-102.38	Average	360	104	P
2	5270.00	4.82	102.48	107.30	200.00	-92.70	Peak	360	104	P
3	5350.00	5.02	43.66	48.68	54.00	-5.32	Average	360	104	P
4	5350.00	5.02	57.09	62.11	74.00	-11.89	Peak	360	104	P
5	10540.00	11.85	40.66	52.51	68.20	-15.69	Peak	100	128	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 2, CH54		:



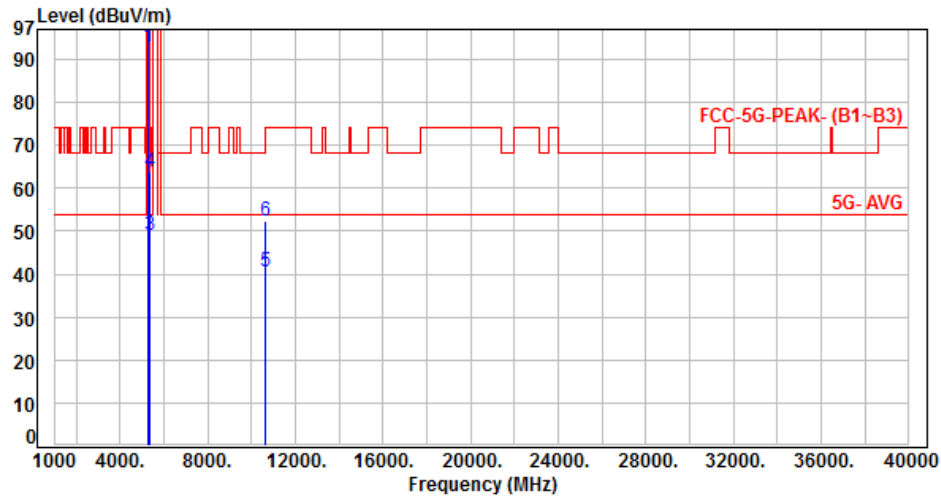
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	4.82	95.97	100.79	200.00	-99.21	Average	100	65	P
2	5270.00	4.82	106.15	110.97	200.00	-89.03	Peak	100	65	P
3	5350.00	5.02	47.35	52.37	54.00	-1.63	Average	100	65	P
4	5350.00	5.02	62.28	67.30	74.00	-6.70	Peak	100	65	P
5	10540.00	11.85	40.93	52.78	68.20	-15.42	Peak	100	95	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 2, CH62		

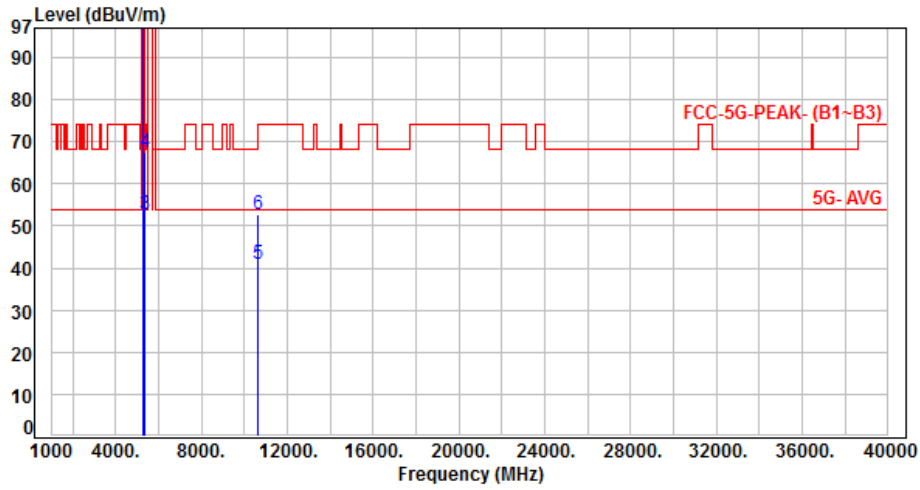


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	4.92	88.04	92.96	200.00	-107.04	Average	340	100	P
2	5310.00	4.92	97.42	102.34	200.00	-97.66	Peak	340	100	P
3	5350.00	5.02	43.89	48.91	54.00	-5.09	Average	340	100	P
4	5350.00	5.02	58.94	63.96	74.00	-10.04	Peak	340	100	P
5	10620.00	12.03	28.63	40.66	54.00	-13.34	Average	100	108	P
6	10620.00	12.03	40.44	52.47	74.00	-21.53	Peak	100	108	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 2, CH62		:

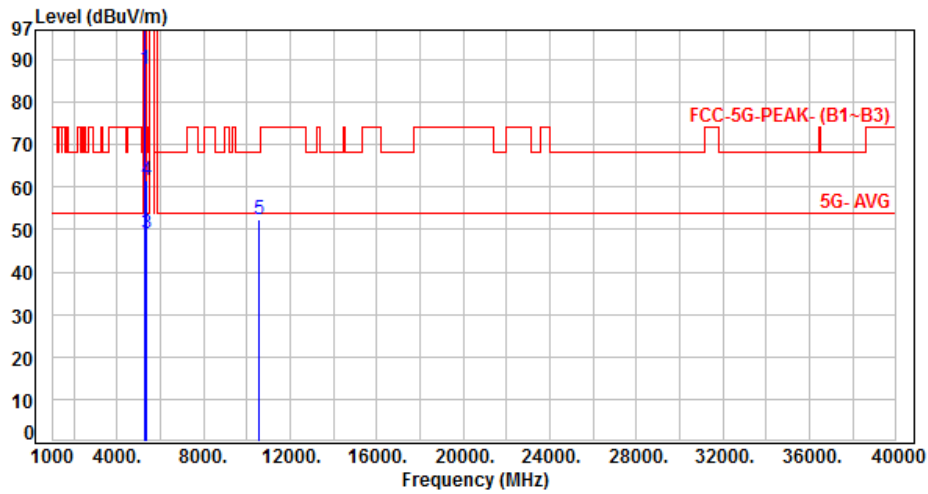


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	4.92	90.54	95.46	200.00	-104.54	Average	100	64	P
2	5310.00	4.92	100.42	105.34	200.00	-94.66	Peak	100	64	P
3	5350.00	5.02	47.82	52.84	54.00	-1.16	Average	100	64	P
4	5350.00	5.02	62.56	67.58	74.00	-6.42	Peak	100	64	P
5	10620.00	12.03	28.74	40.77	54.00	-13.23	Average	100	91	P
6	10620.00	12.03	40.68	52.71	74.00	-21.29	Peak	100	91	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 2, CH58		:

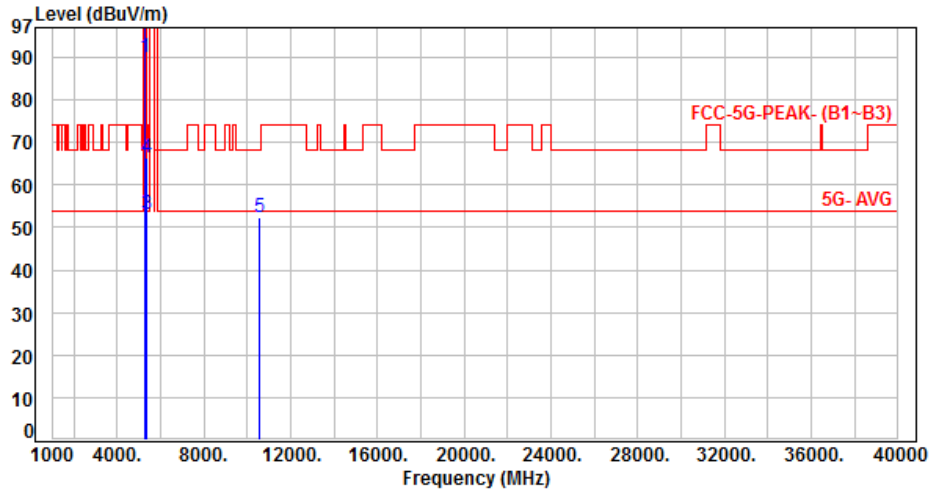


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	4.87	82.81	87.68	200.00	-112.32	Average	382	105	P
2	5290.00	4.87	92.13	97.00	200.00	-103.00	Peak	382	105	P
3	5350.00	5.02	43.91	48.93	54.00	-5.07	Average	382	105	P
4	5350.00	5.02	56.46	61.48	74.00	-12.52	Peak	382	105	P
5	10580.00	11.97	40.32	52.29	68.20	-15.91	Peak	100	121	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 2, CH58		:

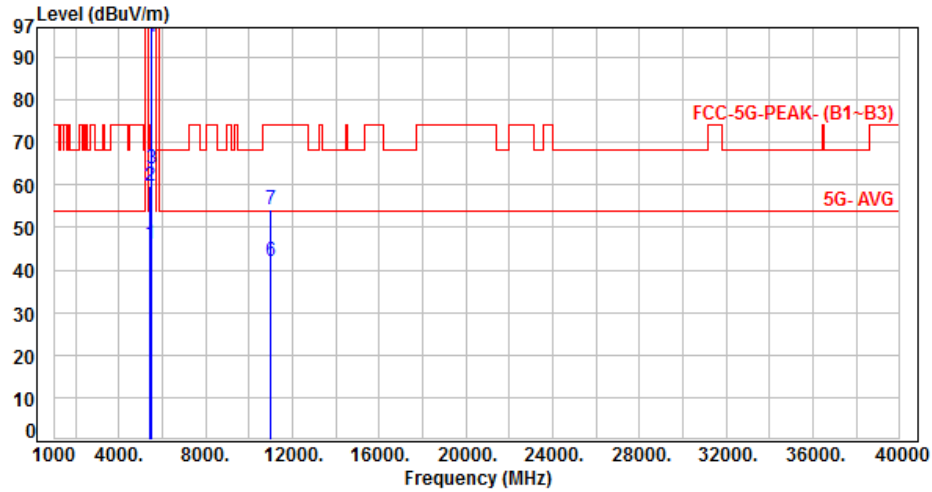


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	4.87	84.98	89.85	200.00	-110.15	Average	100	64	P
2	5290.00	4.87	94.62	99.49	200.00	-100.51	Peak	100	64	P
3	5350.00	5.02	47.94	52.96	54.00	-1.04	Average	100	64	P
4	5350.00	5.02	61.36	66.38	74.00	-7.62	Peak	100	64	P
5	10580.00	11.97	40.59	52.56	68.20	-15.64	Peak	100	94	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 3, CH100		:

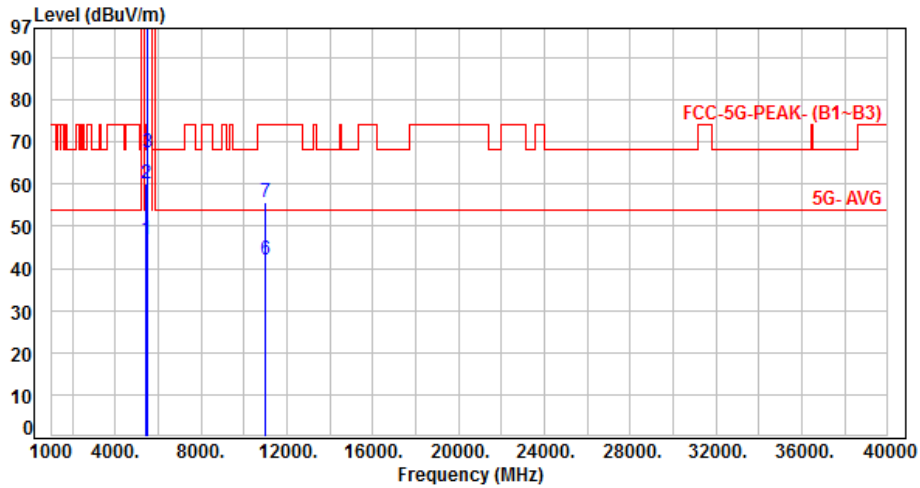


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.01	46.21	54.00	-7.79	Average	369	106	P
2	5460.00	5.20	54.68	59.88	74.00	-14.12	Peak	369	106	P
3	5470.00	5.20	58.60	63.80	68.20	-4.40	Peak	369	106	P
4	5500.00	5.22	89.55	94.77	200.00	-105.23	Average	369	106	P
5	5500.00	5.22	98.99	104.21	200.00	-95.79	Peak	369	106	P
6	11000.00	12.41	29.73	42.14	54.00	-11.86	Average	100	101	P
7	11000.00	12.41	41.96	54.37	74.00	-19.63	Peak	100	101	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 3, CH100		:

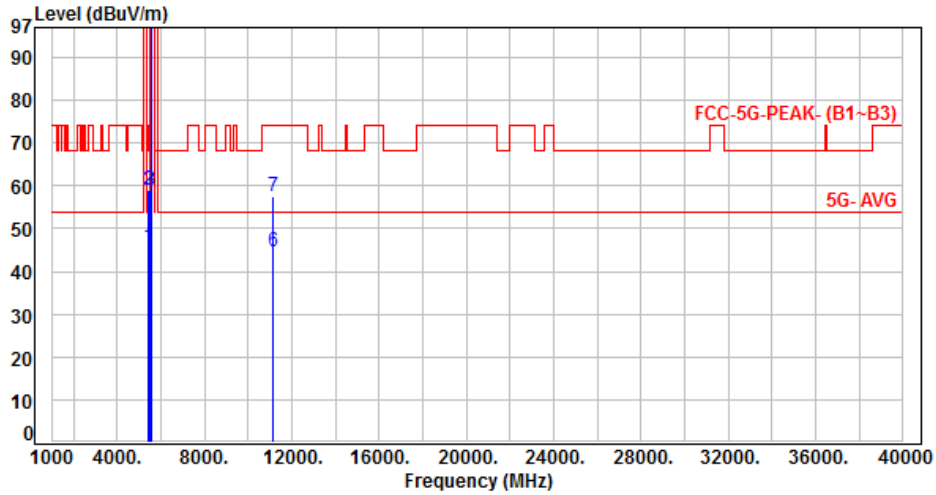


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.76	46.96	54.00	-7.04	Average	100	78	P
2	5460.00	5.20	54.80	60.00	74.00	-14.00	Peak	100	78	P
3	5470.00	5.20	62.18	67.38	68.20	-0.82	Peak	100	78	P
4	5500.00	5.22	92.18	97.40	200.00	-102.60	Average	100	78	P
5	5500.00	5.22	101.68	106.90	200.00	-93.10	Peak	100	78	P
6	11000.00	12.41	29.58	41.99	54.00	-12.01	Average	100	83	P
7	11000.00	12.41	43.39	55.80	74.00	-18.20	Peak	100	83	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 3, CH116		:

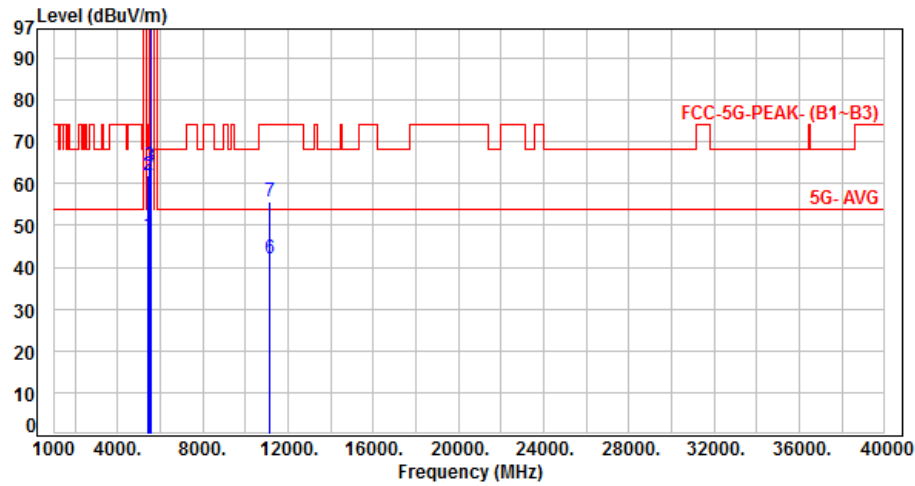


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	40.63	45.83	54.00	-8.17	Average	379	103	P
2	5460.00	5.20	53.85	59.05	74.00	-14.95	Peak	379	103	P
3	5470.00	5.20	53.98	59.18	68.20	-9.02	Peak	379	103	P
4	5580.00	5.20	96.23	101.43	200.00	-98.57	Average	379	103	P
5	5580.00	5.20	104.92	110.12	200.00	-89.88	Peak	379	103	P
6	11160.00	12.66	31.95	44.61	54.00	-9.39	Average	100	106	P
7	11160.00	12.66	45.02	57.68	74.00	-16.32	Peak	100	106	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 3, CH116		:



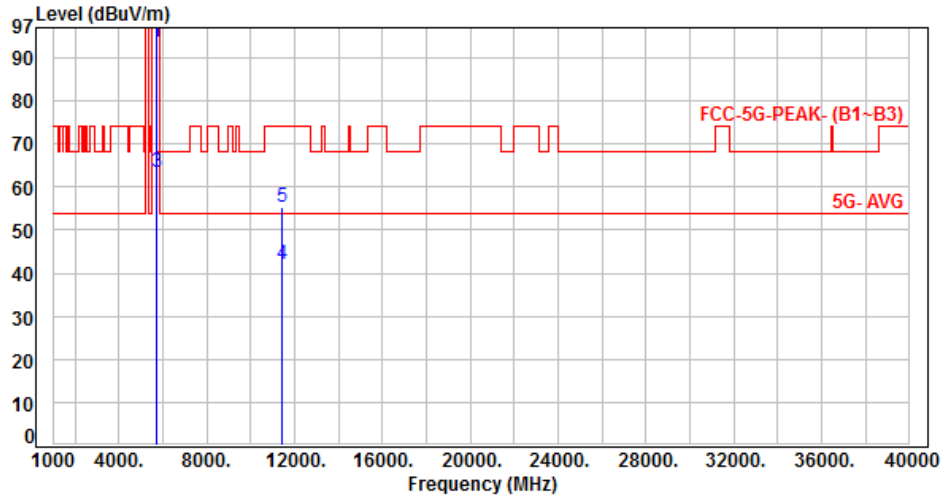
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.31	47.51	54.00	-6.49	Average	100	76	P
2	5460.00	5.20	56.63	61.83	74.00	-12.17	Peak	100	76	P
3	5470.00	5.20	59.05	64.25	68.20	-3.95	Peak	100	76	P
4	5580.00	5.20	99.43	104.63	200.00	-95.37	Average	100	76	P
5	5580.00	5.20	108.40	113.60	200.00	-86.40	Peak	100	76	P
6	11160.00	12.66	29.45	42.11	54.00	-11.89	Average	100	72	P
7	11160.00	12.66	43.21	55.87	74.00	-18.13	Peak	100	72	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 3, CH140		:

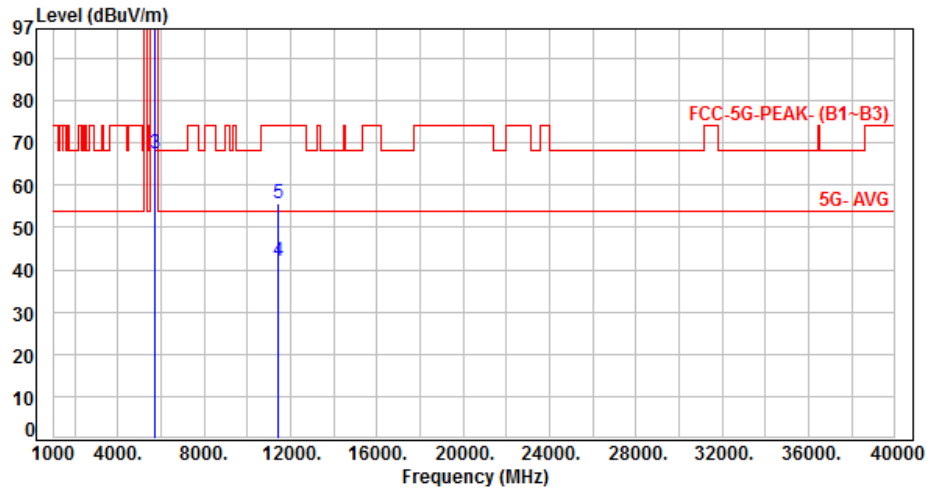


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.12	88.59	93.71	200.00	-106.29	Average	344	94	P
2	5700.00	5.12	98.10	103.22	200.00	-96.78	Peak	344	94	P
3	5725.00	5.14	58.21	63.35	68.20	-4.85	Peak	344	94	P
4	11400.00	12.94	29.12	42.06	54.00	-11.94	Average	102	97	P
5	11400.00	12.94	42.24	55.18	74.00	-18.82	Peak	102	97	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 3, CH140		:

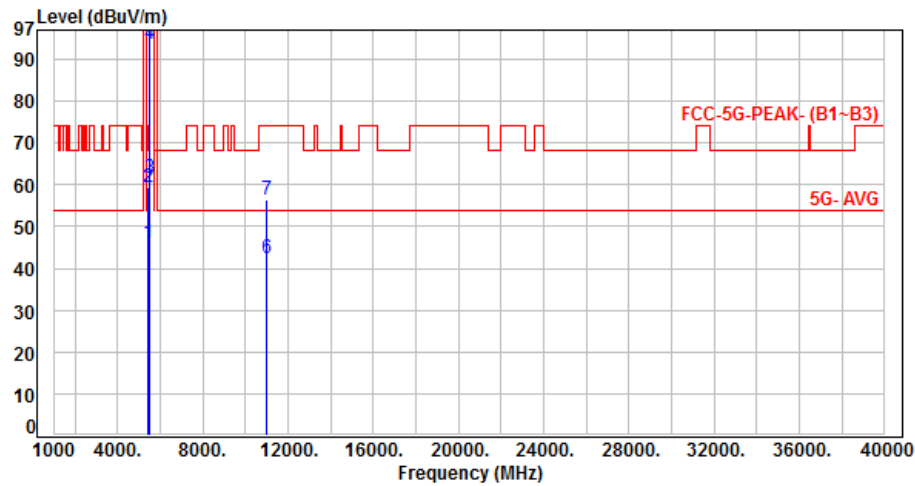


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.12	92.48	97.60	200.00	-102.40	Average	109	76	P
2	5700.00	5.12	102.07	107.19	200.00	-92.81	Peak	109	76	P
3	5725.00	5.14	62.41	67.55	68.20	-0.65	Peak	109	76	P
4	11400.00	12.94	29.23	42.17	54.00	-11.83	Average	100	80	P
5	11400.00	12.94	42.81	55.75	74.00	-18.25	Peak	100	80	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH100		:

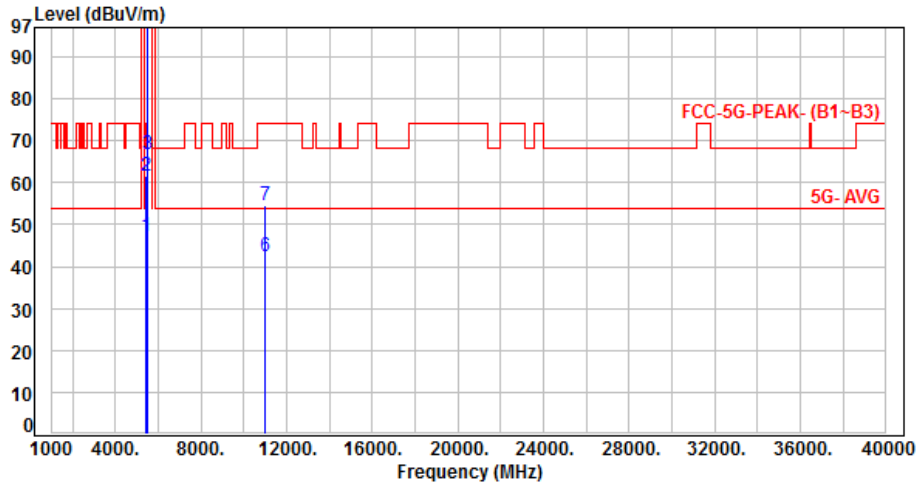


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.05	46.25	54.00	-7.75	Average	365	95	P
2	5460.00	5.20	54.11	59.31	74.00	-14.69	Peak	365	95	P
3	5470.00	5.20	56.41	61.61	68.20	-6.59	Peak	365	95	P
4	5500.00	5.22	88.46	93.68	200.00	-106.32	Average	365	95	P
5	5500.00	5.22	97.99	103.21	200.00	-96.79	Peak	365	95	P
6	11000.00	12.41	29.87	42.28	54.00	-11.72	Average	100	102	P
7	11000.00	12.41	43.86	56.27	74.00	-17.73	Peak	100	102	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH100		:

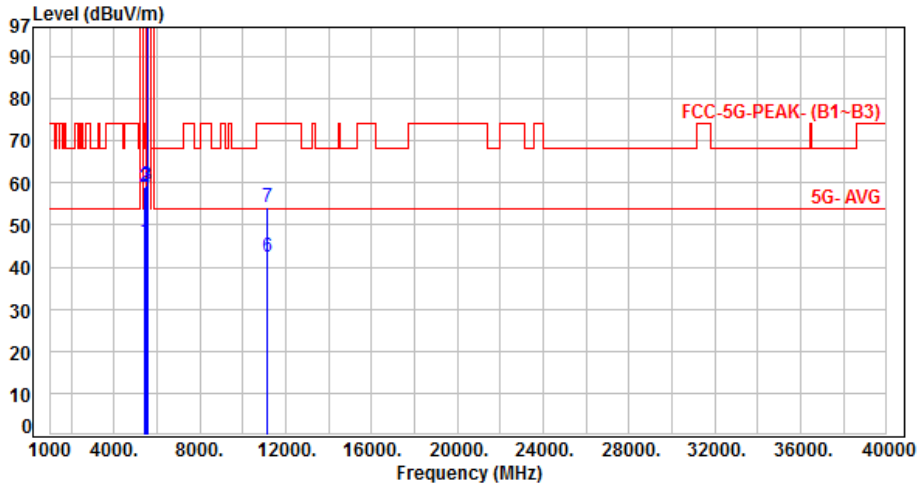


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.01	47.21	54.00	-6.79	Average	100	71	P
2	5460.00	5.20	56.49	61.69	74.00	-12.31	Peak	100	71	P
3	5470.00	5.20	61.50	66.70	68.20	-1.50	Peak	100	71	P
4	5500.00	5.22	92.67	97.89	200.00	-102.11	Average	100	71	P
5	5500.00	5.22	102.40	107.62	200.00	-92.38	Peak	100	71	P
6	11000.00	12.41	30.03	42.44	54.00	-11.56	Average	100	82	P
7	11000.00	12.41	42.16	54.57	74.00	-19.43	Peak	100	82	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH116		

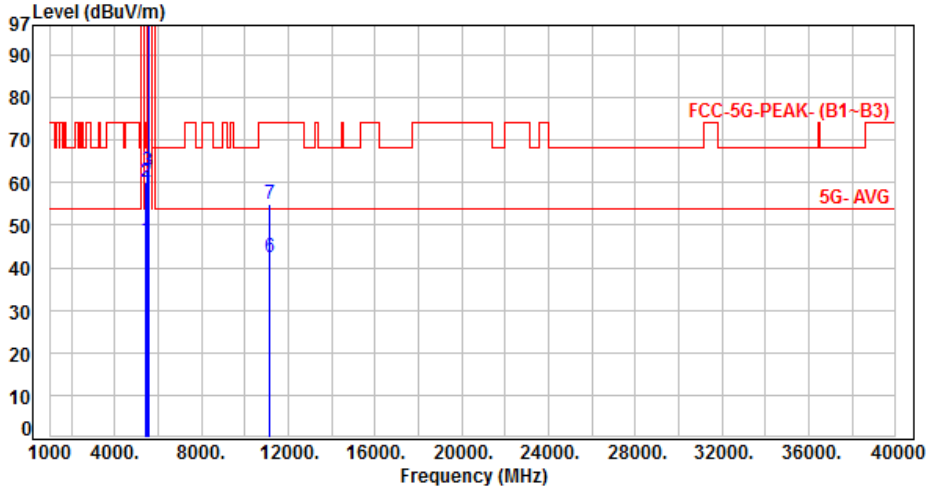


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.06	46.26	54.00	-7.74	Average	374	86	P
2	5460.00	5.20	53.67	58.87	74.00	-15.13	Peak	374	86	P
3	5470.00	5.20	54.12	59.32	68.20	-8.88	Peak	374	86	P
4	5580.00	5.20	96.65	101.85	200.00	-98.15	Average	374	86	P
5	5580.00	5.20	106.61	111.81	200.00	-88.19	Peak	374	86	P
6	11160.00	12.66	29.63	42.29	54.00	-11.71	Average	100	94	P
7	11160.00	12.66	41.59	54.25	74.00	-19.75	Peak	100	94	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH116		:

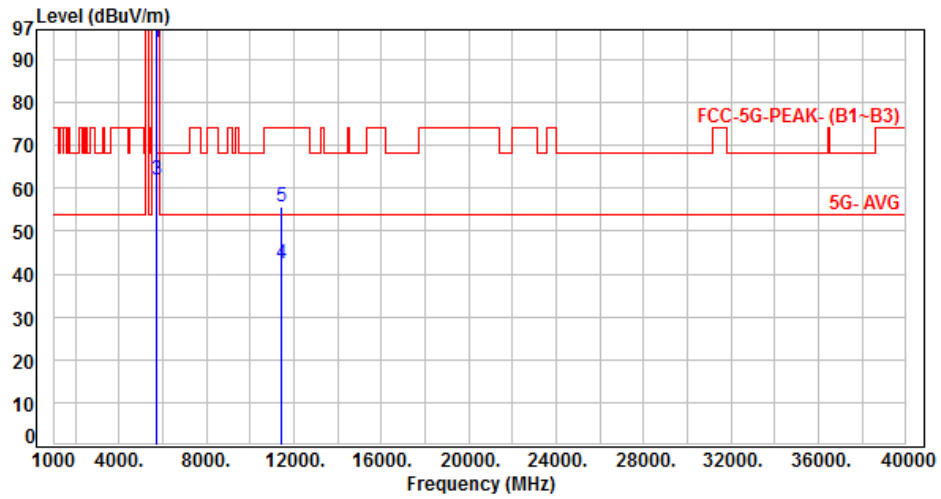


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.25	46.45	54.00	-7.55	Average	100	70	P
2	5460.00	5.20	54.94	60.14	74.00	-13.86	Peak	100	70	P
3	5470.00	5.20	57.47	62.67	68.20	-5.53	Peak	100	70	P
4	5580.00	5.20	99.69	104.89	200.00	-95.11	Average	100	70	P
5	5580.00	5.20	109.41	114.61	200.00	-85.39	Peak	100	70	P
6	11160.00	12.66	29.87	42.53	54.00	-11.47	Average	100	78	P
7	11160.00	12.66	42.41	55.07	74.00	-18.93	Peak	100	78	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3, CH140		:

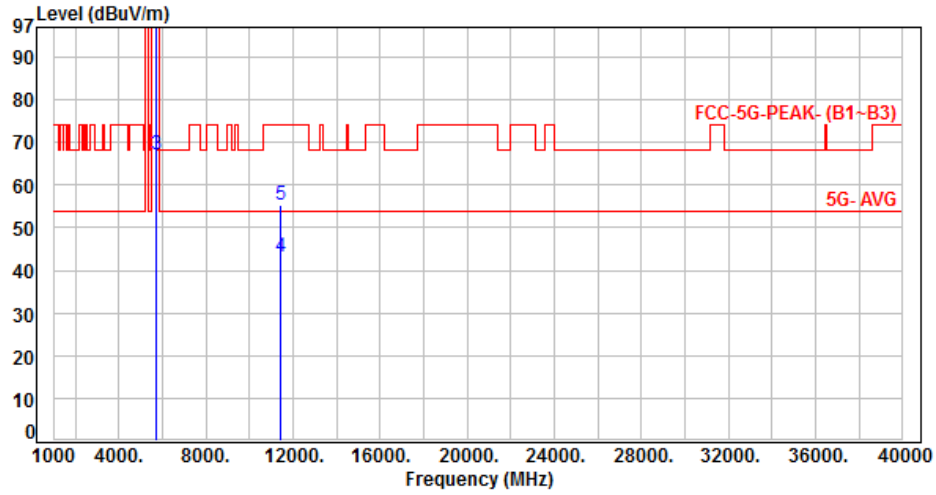


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.12	88.98	94.10	200.00	-105.90	Average	365	101	P
2	5700.00	5.12	98.08	103.20	200.00	-96.80	Peak	365	101	P
3	5725.00	5.14	56.78	61.92	68.20	-6.28	Peak	365	101	P
4	11400.00	12.94	29.44	42.38	54.00	-11.62	Average	100	96	P
5	11400.00	12.94	42.80	55.74	74.00	-18.26	Peak	100	96	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3, CH140		:



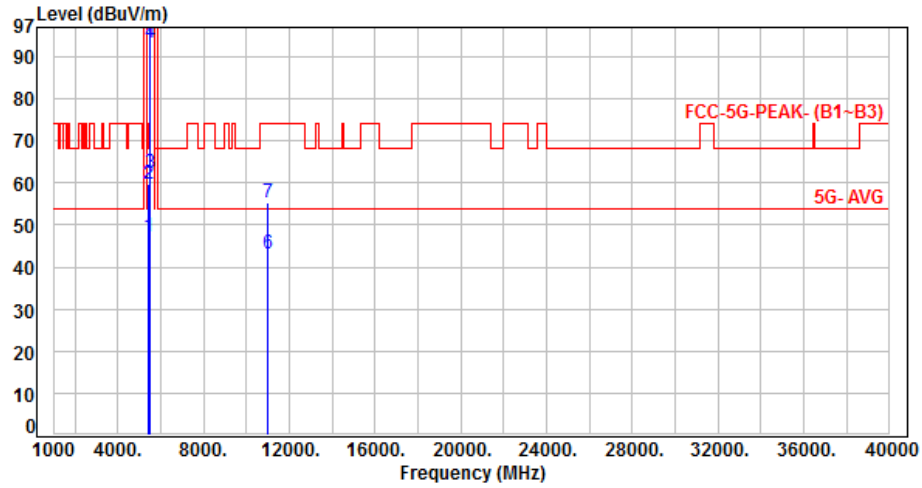
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	5.12	92.68	97.80	200.00	-102.20	Average	105	84	P
2	5700.00	5.12	102.41	107.53	200.00	-92.47	Peak	105	84	P
3	5725.00	5.14	62.03	67.17	68.20	-1.03	Peak	105	84	P
4	11400.00	12.94	30.31	43.25	54.00	-10.75	Average	100	90	P
5	11400.00	12.94	42.30	55.24	74.00	-18.76	Peak	100	90	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH102		:

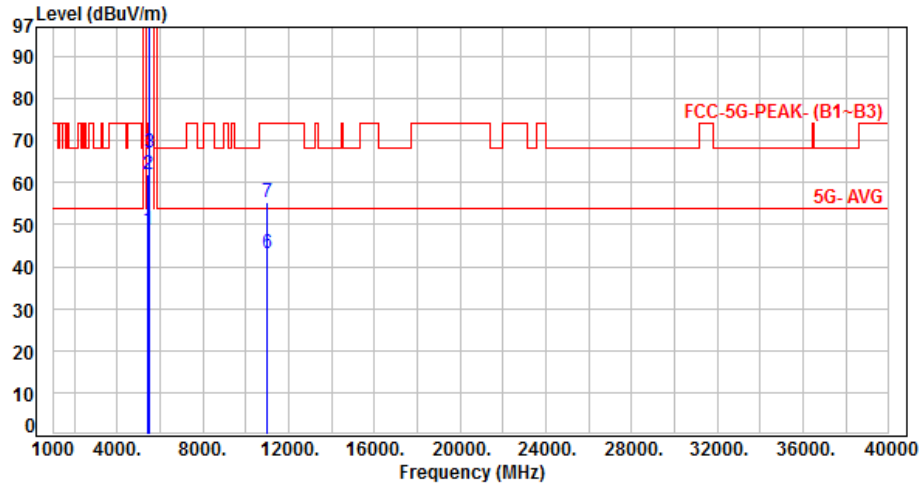


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.86	47.06	54.00	-6.94	Average	370	107	P
2	5460.00	5.20	54.43	59.63	74.00	-14.37	Peak	370	107	P
3	5470.00	5.20	57.19	62.39	68.20	-5.81	Peak	370	107	P
4	5510.00	5.23	88.05	93.28	200.00	-106.72	Average	370	107	P
5	5510.00	5.23	97.38	102.61	200.00	-97.39	Peak	370	107	P
6	11020.00	12.44	30.58	43.02	54.00	-10.98	Average	100	103	P
7	11020.00	12.44	42.87	55.31	74.00	-18.69	Peak	100	103	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH102		:

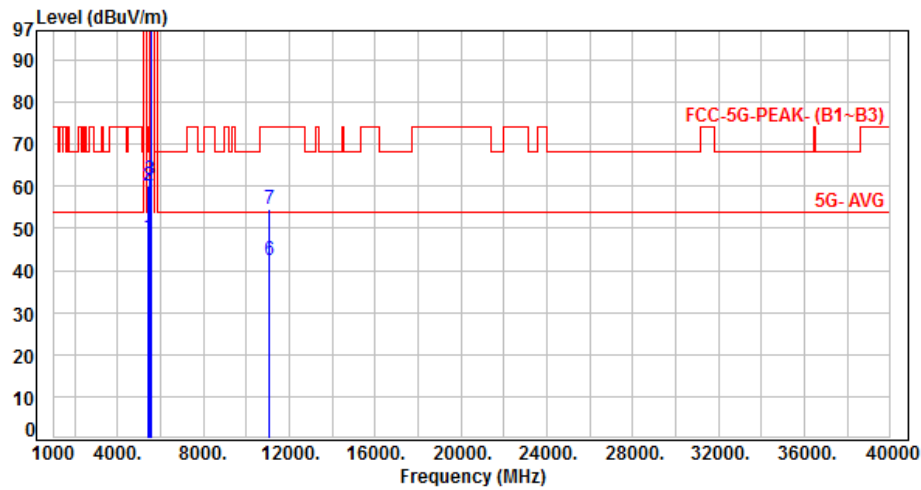


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.54	48.74	54.00	-5.26	Average	102	76	P
2	5460.00	5.20	56.81	62.01	74.00	-11.99	Peak	102	76	P
3	5470.00	5.20	61.96	67.16	68.20	-1.04	Peak	102	76	P
4	5510.00	5.23	91.92	97.15	200.00	-102.85	Average	102	76	P
5	5510.00	5.23	101.31	106.54	200.00	-93.46	Peak	102	76	P
6	11020.00	12.44	30.61	43.05	54.00	-10.95	Average	100	88	P
7	11020.00	12.44	42.72	55.16	74.00	-18.84	Peak	100	88	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH110		:

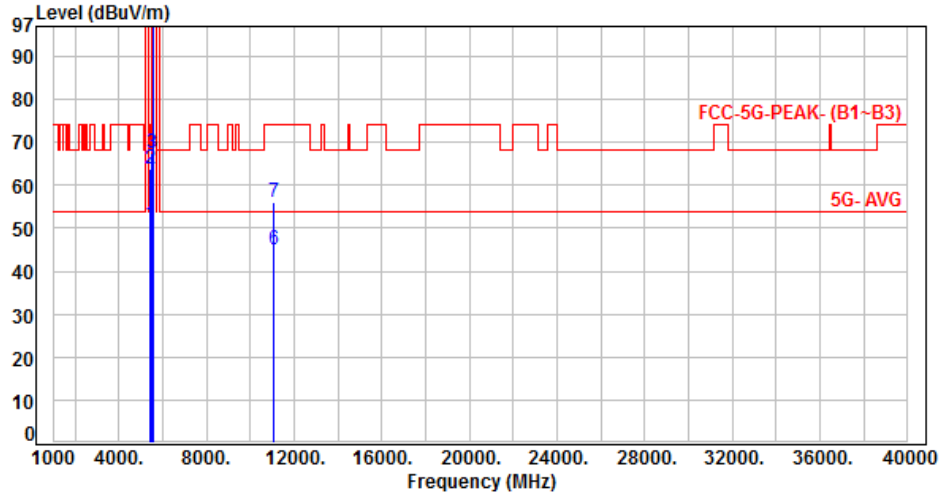


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.57	47.77	54.00	-6.23	Average	382	96	P
2	5460.00	5.20	55.03	60.23	74.00	-13.77	Peak	382	96	P
3	5470.00	5.20	56.54	61.74	68.20	-6.46	Peak	382	96	P
4	5550.00	5.25	90.63	95.88	200.00	-104.12	Average	382	96	P
5	5550.00	5.25	100.02	105.27	200.00	-94.73	Peak	382	96	P
6	11100.00	12.57	30.02	42.59	54.00	-11.41	Average	100	84	P
7	11100.00	12.57	42.09	54.66	74.00	-19.34	Peak	100	84	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH110		

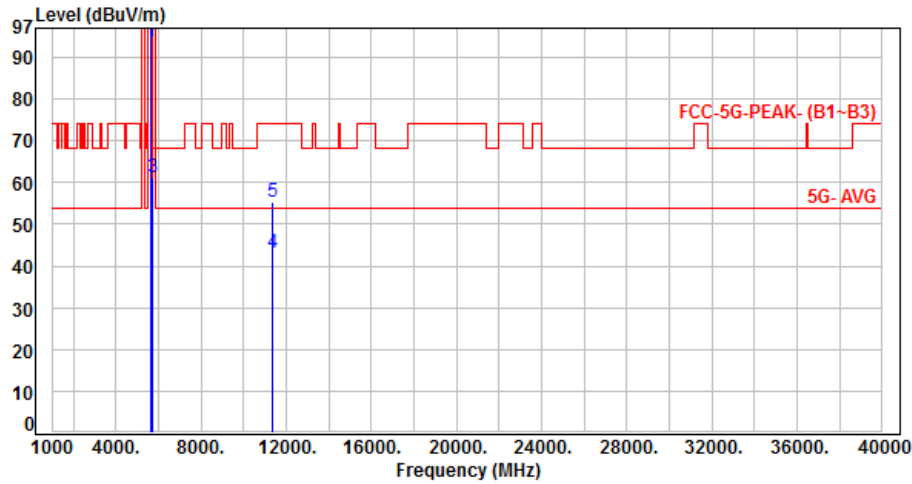


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	45.70	50.90	54.00	-3.10	Average	103	81	P
2	5460.00	5.20	58.48	63.68	74.00	-10.32	Peak	103	81	P
3	5470.00	5.20	62.43	67.63	68.20	-0.57	Peak	103	81	P
4	5550.00	5.25	94.88	100.13	200.00	-99.87	Average	103	81	P
5	5550.00	5.25	104.33	109.58	200.00	-90.42	Peak	103	81	P
6	11100.00	12.57	32.26	44.83	54.00	-9.17	Average	100	91	P
7	11100.00	12.57	43.51	56.08	74.00	-17.92	Peak	100	91	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3, CH134		:

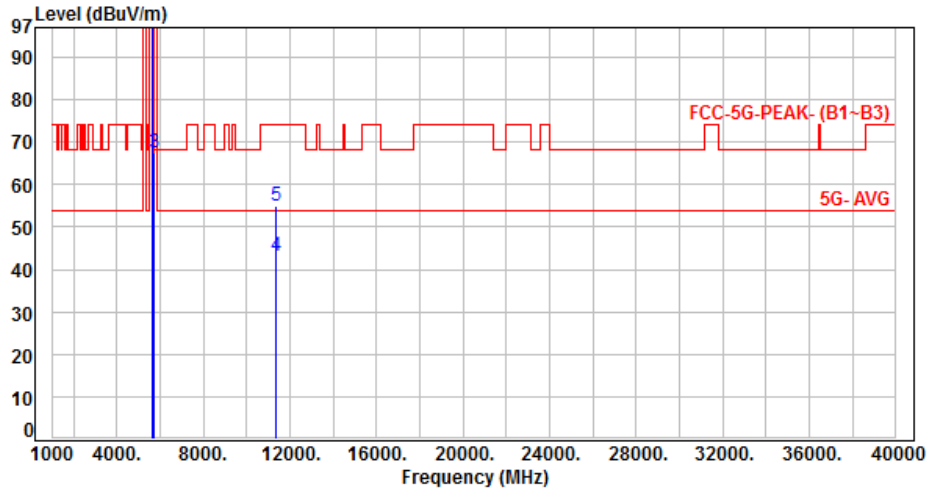


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	5.11	88.56	93.67	200.00	-106.33	Average	348	115	P
2	5670.00	5.11	98.69	103.80	200.00	-96.20	Peak	348	115	P
3	5725.00	5.14	56.24	61.38	68.20	-6.82	Peak	348	115	P
4	11340.00	12.85	30.33	43.18	54.00	-10.82	Average	100	108	P
5	11340.00	12.85	42.61	55.46	74.00	-18.54	Peak	100	108	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3, CH134		:

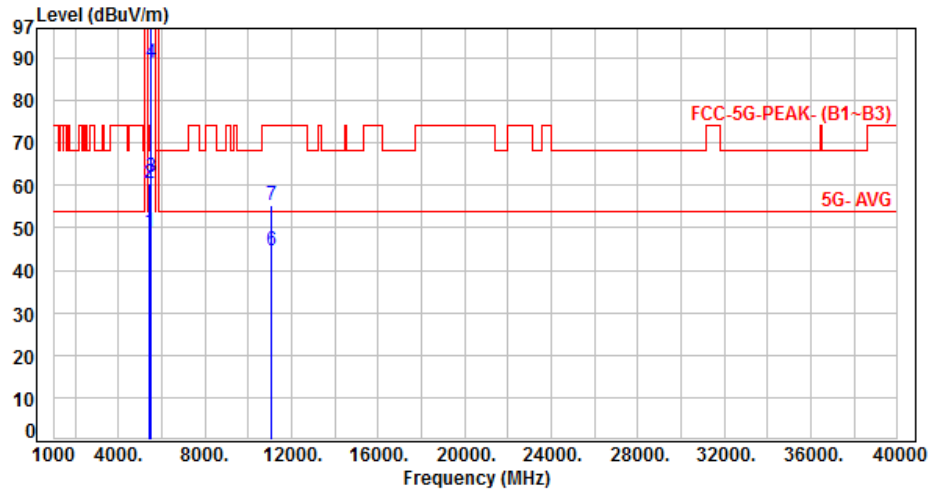


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	5.11	92.65	97.76	200.00	-102.24	Average	118	71	P
2	5670.00	5.11	102.99	108.10	200.00	-91.90	Peak	118	71	P
3	5725.00	5.14	62.23	67.37	68.20	-0.83	Peak	118	71	P
4	11340.00	12.85	30.43	43.28	54.00	-10.72	Average	100	85	P
5	11340.00	12.85	41.95	54.80	74.00	-19.20	Peak	100	85	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH106		:

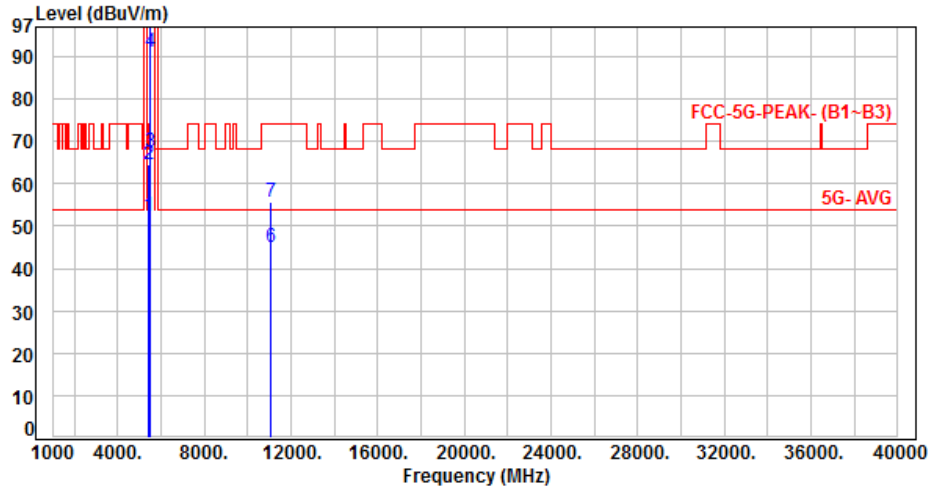


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	43.95	49.15	54.00	-4.85	Average	365	103	P
2	5460.00	5.20	55.10	60.30	74.00	-13.70	Peak	365	103	P
3	5470.00	5.20	56.60	61.80	68.20	-6.40	Peak	365	103	P
4	5530.00	5.24	83.78	89.02	200.00	-110.98	Average	365	103	P
5	5530.00	5.24	93.13	98.37	200.00	-101.63	Peak	365	103	P
6	11060.00	12.51	31.98	44.49	54.00	-9.51	Average	100	95	P
7	11060.00	12.51	42.88	55.39	74.00	-18.61	Peak	100	95	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH106		:



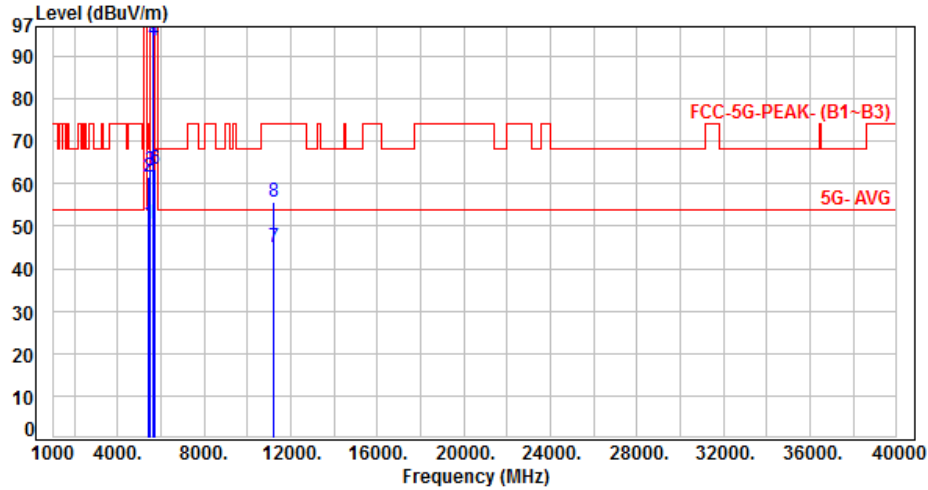
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	47.17	52.37	54.00	-1.63	Average	102	68	P
2	5460.00	5.20	59.22	64.42	74.00	-9.58	Peak	102	68	P
3	5470.00	5.20	62.38	67.58	68.20	-0.62	Peak	102	68	P
4	5530.00	5.24	85.95	91.19	200.00	-108.81	Average	102	68	P
5	5530.00	5.24	95.45	100.69	200.00	-99.31	Peak	102	68	P
6	11060.00	12.51	32.32	44.83	54.00	-9.17	Average	100	82	P
7	11060.00	12.51	43.00	55.51	74.00	-18.49	Peak	100	82	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH122		:

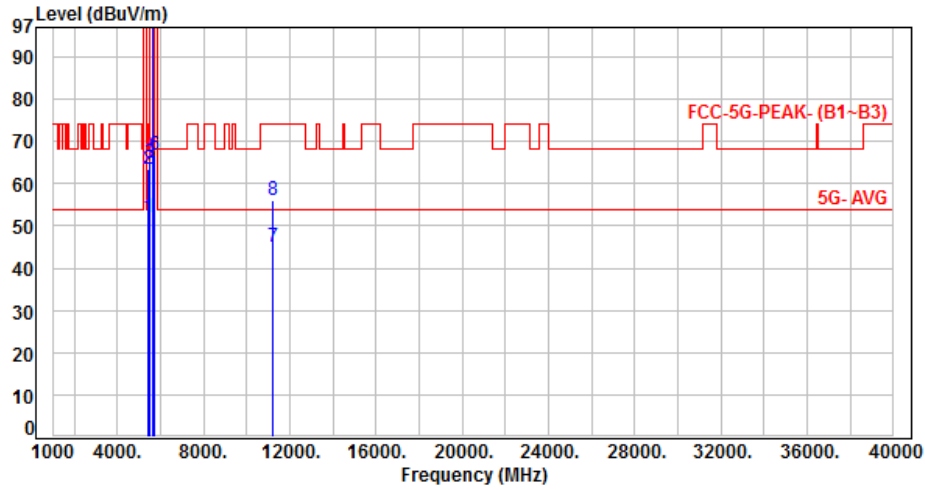


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	45.32	50.52	54.00	-3.48	Average	375	114	P
2	5460.00	5.20	56.55	61.75	74.00	-12.25	Peak	375	114	P
3	5470.00	5.20	57.79	62.99	68.20	-5.21	Peak	375	114	P
4	5610.00	5.16	88.68	93.84	200.00	-106.16	Average	375	114	P
5	5610.00	5.16	98.58	103.74	200.00	-96.26	Peak	375	114	P
6	5725.00	5.14	58.48	63.62	68.20	-4.58	Peak	375	114	P
7	11220.00	12.74	32.15	44.89	54.00	-9.11	Average	100	102	P
8	11220.00	12.74	43.12	55.86	74.00	-18.14	Peak	100	102	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH122		:

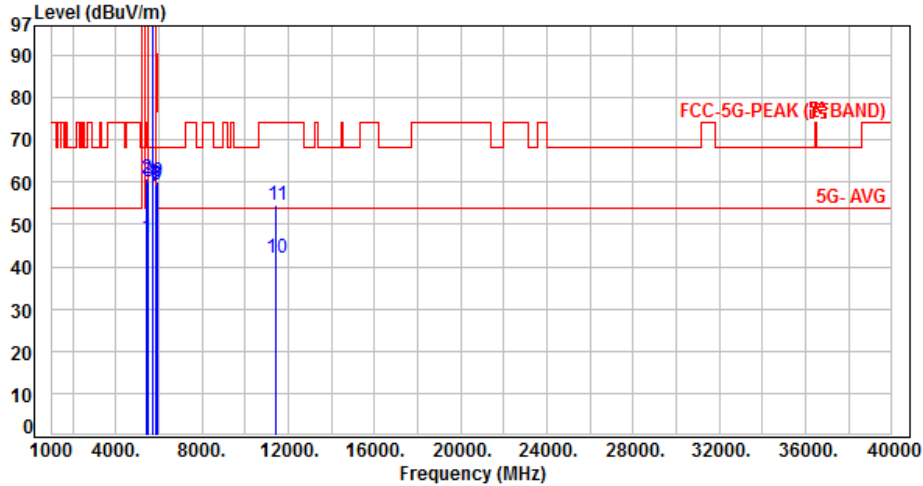


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	46.83	52.03	54.00	-1.97	Average	139	77	P
2	5460.00	5.20	58.36	63.56	74.00	-10.44	Peak	139	77	P
3	5470.00	5.20	59.55	64.75	68.20	-3.45	Peak	139	77	P
4	5610.00	5.16	91.88	97.04	200.00	-102.96	Average	139	77	P
5	5610.00	5.16	101.06	106.22	200.00	-93.78	Peak	139	77	P
6	5725.00	5.14	61.62	66.76	68.20	-1.44	Peak	139	77	P
7	11220.00	12.74	32.31	45.05	54.00	-8.95	Average	100	79	P
8	11220.00	12.74	43.48	56.22	74.00	-17.78	Peak	100	79	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 3 Straddle Channel, CH144		:

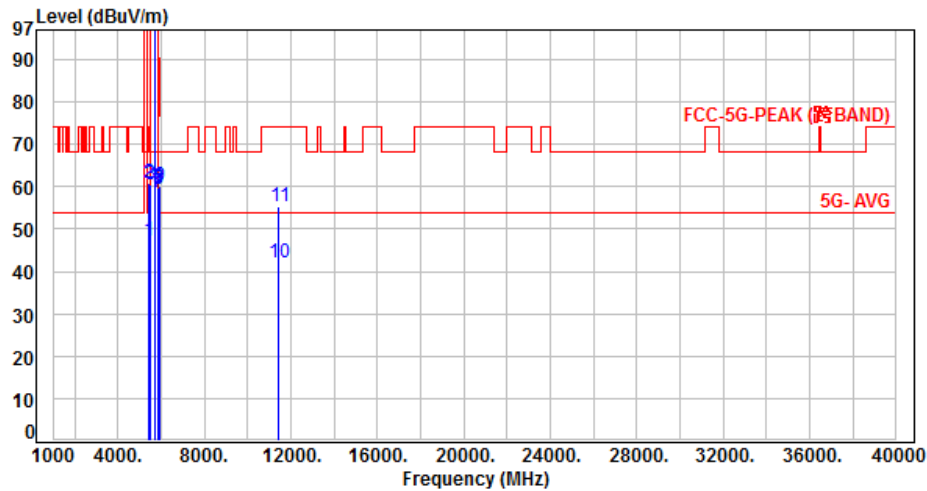


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.73	46.93	54.00	-7.07	Average	328	129	P
2	5460.00	5.20	55.50	60.70	74.00	-13.30	Peak	328	129	P
3	5470.00	5.20	55.09	60.29	68.20	-7.91	Peak	328	129	P
4	5720.00	5.13	93.71	98.84	200.00	-101.16	Average	328	129	P
5	5720.00	5.13	103.01	108.14	200.00	-91.86	Peak	328	129	P
6	5850.00	5.21	54.20	59.41	122.20	-62.79	Peak	328	129	P
7	5855.00	5.23	53.83	59.06	110.80	-51.74	Peak	328	129	P
8	5875.00	5.31	54.16	59.47	105.20	-45.73	Peak	328	129	P
9	5925.00	5.49	54.69	60.18	68.20	-8.02	Peak	328	129	P
10	11440.00	13.08	28.91	41.99	54.00	-12.01	Average	100	113	P
11	11440.00	13.08	41.58	54.66	74.00	-19.34	Peak	100	113	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 3 Straddle Channel, CH144		:

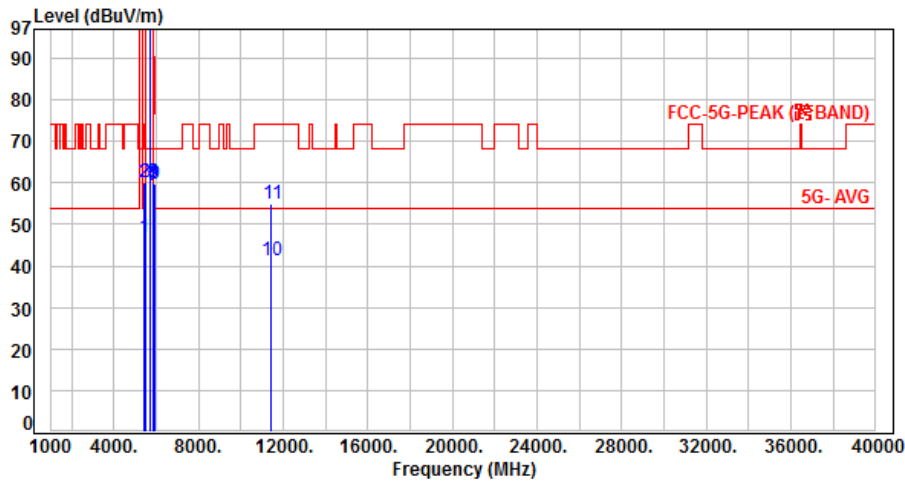


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.84	47.04	54.00	-6.96	Average	108	76	P
2	5460.00	5.20	55.75	60.95	74.00	-13.05	Peak	108	76	P
3	5470.00	5.20	55.35	60.55	68.20	-7.65	Peak	108	76	P
4	5720.00	5.13	99.42	104.55	200.00	-95.45	Average	108	76	P
5	5720.00	5.13	108.92	114.05	200.00	-85.95	Peak	108	76	P
6	5850.00	5.21	54.55	59.76	122.20	-62.44	Peak	108	76	P
7	5855.00	5.23	53.56	58.79	110.80	-52.01	Peak	108	76	P
8	5875.00	5.31	54.05	59.36	105.20	-45.84	Peak	108	76	P
9	5925.00	5.49	54.59	60.08	68.20	-8.12	Peak	108	76	P
10	11440.00	13.08	29.02	42.10	54.00	-11.90	Average	100	88	P
11	11440.00	13.08	42.25	55.33	74.00	-18.67	Peak	100	88	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 3 Straddle Channel, CH144		

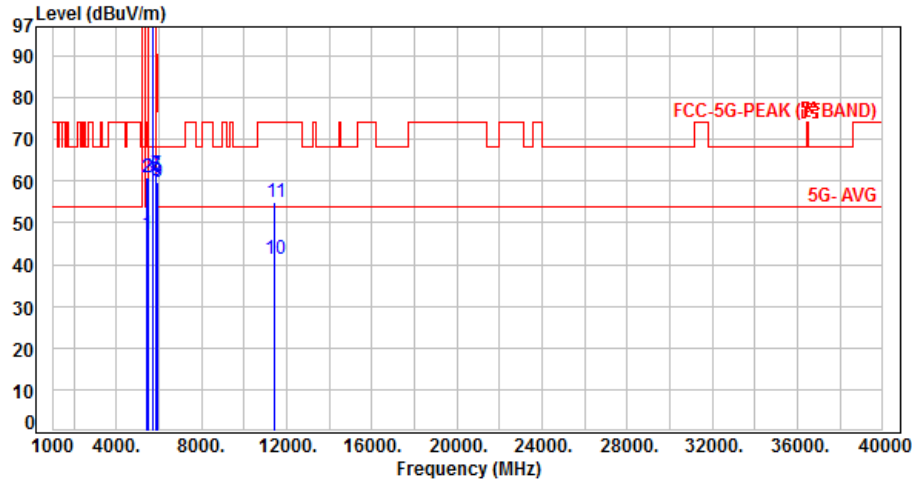


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.71	46.91	54.00	-7.09	Average	324	114	P
2	5460.00	5.20	54.89	60.09	74.00	-13.91	Peak	324	114	P
3	5470.00	5.20	54.79	59.99	68.20	-8.21	Peak	324	114	P
4	5720.00	5.13	95.41	100.54	200.00	-99.46	Average	324	114	P
5	5720.00	5.13	105.61	110.74	200.00	-89.26	Peak	324	114	P
6	5850.00	5.21	54.73	59.94	122.20	-62.26	Peak	324	114	P
7	5855.00	5.23	54.15	59.38	110.80	-51.42	Peak	324	114	P
8	5875.00	5.31	54.62	59.93	105.20	-45.27	Peak	324	114	P
9	5925.00	5.49	54.31	59.80	68.20	-8.40	Peak	324	114	P
10	11440.00	13.08	28.32	41.40	54.00	-12.60	Average	100	117	P
11	11440.00	13.08	41.94	55.02	74.00	-18.98	Peak	100	117	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 3 Straddle Channel, CH144		:

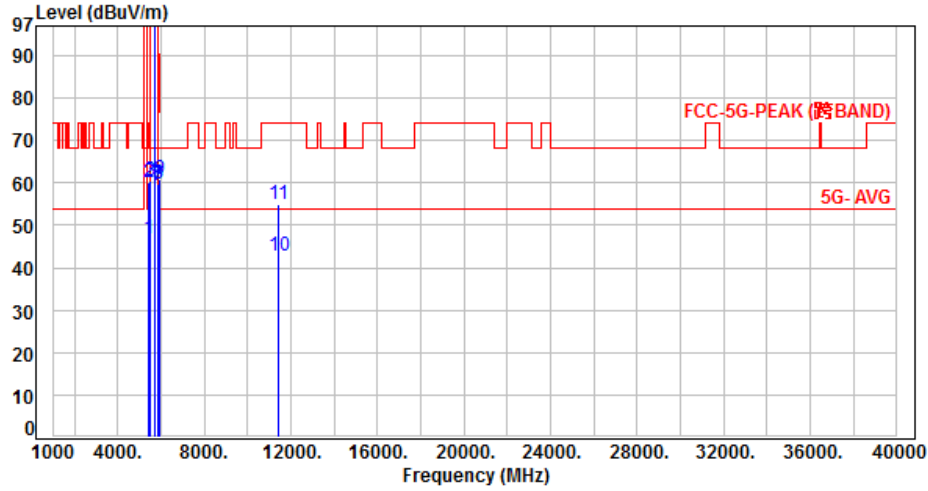


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.91	47.11	54.00	-6.89	Average	136	79	P
2	5460.00	5.20	55.61	60.81	74.00	-13.19	Peak	136	79	P
3	5470.00	5.20	55.49	60.69	68.20	-7.51	Peak	136	79	P
4	5720.00	5.13	99.50	104.63	200.00	-95.37	Average	136	79	P
5	5720.00	5.13	109.49	114.62	200.00	-85.38	Peak	136	79	P
6	5850.00	5.21	55.85	61.06	122.20	-61.14	Peak	136	79	P
7	5855.00	5.23	56.20	61.43	110.80	-49.37	Peak	136	79	P
8	5875.00	5.31	54.75	60.06	105.20	-45.14	Peak	136	79	P
9	5925.00	5.49	54.44	59.93	68.20	-8.27	Peak	136	79	P
10	11440.00	13.08	28.24	41.32	54.00	-12.68	Average	100	81	P
11	11440.00	13.08	41.88	54.96	74.00	-19.04	Peak	100	81	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 3 Straddle Channel, CH142		

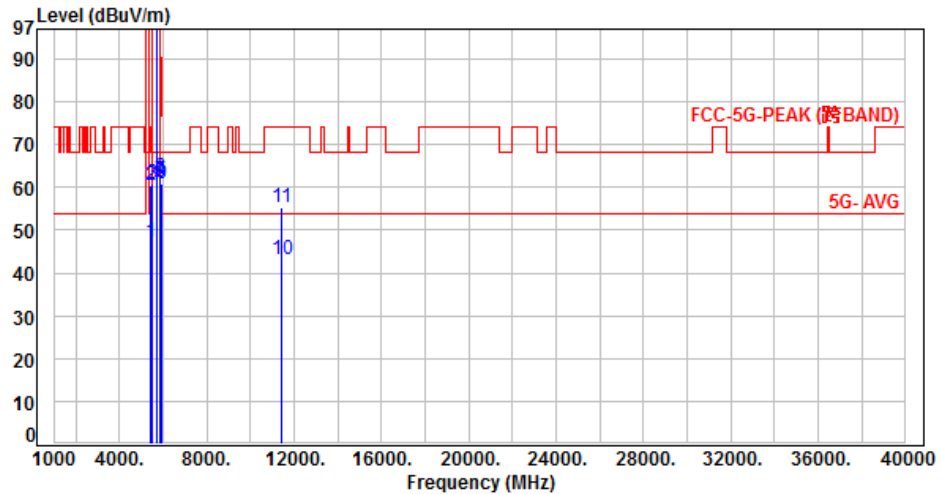


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.77	46.97	54.00	-7.03	Average	380	120	P
2	5460.00	5.20	55.06	60.26	74.00	-13.74	Peak	380	120	P
3	5470.00	5.20	55.34	60.54	68.20	-7.66	Peak	380	120	P
4	5710.00	5.13	91.10	96.23	200.00	-103.77	Average	380	120	P
5	5710.00	5.13	101.87	107.00	200.00	-93.00	Peak	380	120	P
6	5850.00	5.21	54.67	59.88	122.20	-62.32	Peak	380	120	P
7	5855.00	5.23	54.28	59.51	110.80	-51.29	Peak	380	120	P
8	5875.00	5.31	54.50	59.81	105.20	-45.39	Peak	380	120	P
9	5925.00	5.49	55.45	60.94	68.20	-7.26	Peak	380	120	P
10	11420.00	13.01	29.73	42.74	54.00	-11.26	Average	100	107	P
11	11420.00	13.01	41.94	54.95	74.00	-19.05	Peak	100	107	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 3 Straddle Channel, CH142		:



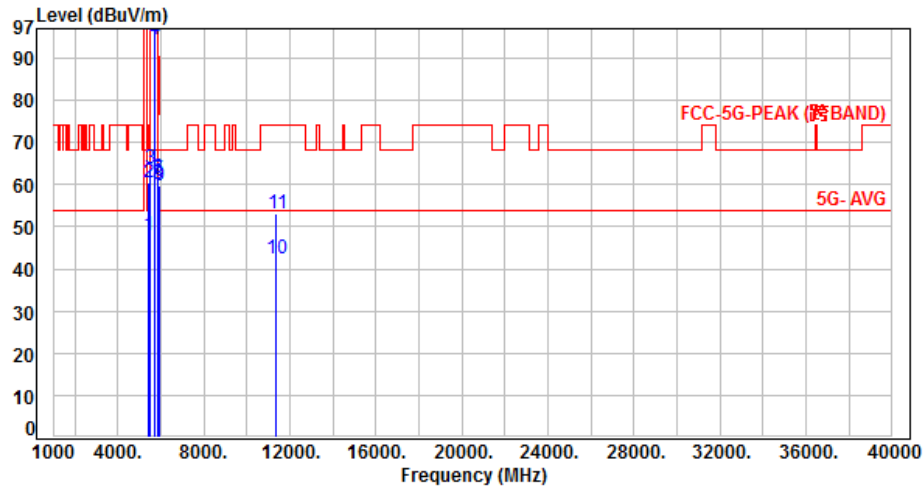
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	41.86	47.06	54.00	-6.94	Average	100	85	P
2	5460.00	5.20	55.16	60.36	74.00	-13.64	Peak	100	85	P
3	5470.00	5.20	55.59	60.79	68.20	-7.41	Peak	100	85	P
4	5710.00	5.13	95.11	100.24	200.00	-99.76	Average	100	85	P
5	5710.00	5.13	106.32	111.45	200.00	-88.55	Peak	100	85	P
6	5850.00	5.21	57.11	62.32	122.20	-59.88	Peak	100	85	P
7	5855.00	5.23	56.26	61.49	110.80	-49.31	Peak	100	85	P
8	5875.00	5.31	55.77	61.08	105.20	-44.12	Peak	100	85	P
9	5925.00	5.49	55.29	60.78	68.20	-7.42	Peak	100	85	P
10	11420.00	13.01	29.99	43.00	54.00	-11.00	Average	100	75	P
11	11420.00	13.01	42.16	55.17	74.00	-18.83	Peak	100	75	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3 Straddle Channel, CH138		:

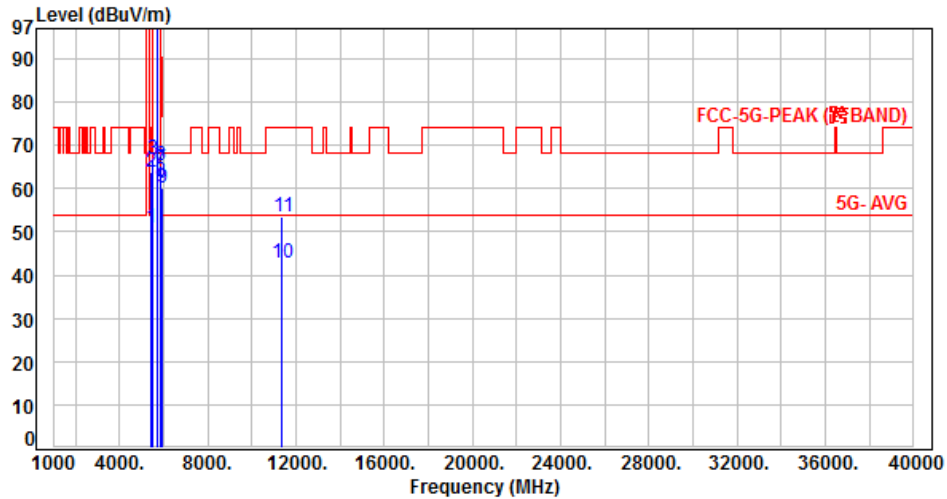


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	42.59	47.79	54.00	-6.21	Average	343	116	P
2	5460.00	5.20	55.24	60.44	74.00	-13.56	Peak	343	116	P
3	5470.00	5.20	58.70	63.90	68.20	-4.30	Peak	343	116	P
4	5690.00	5.12	89.47	94.59	200.00	-105.41	Average	343	116	P
5	5690.00	5.12	98.48	103.60	200.00	-96.40	Peak	343	116	P
6	5850.00	5.21	56.20	61.41	122.20	-60.79	Peak	343	116	P
7	5855.00	5.23	55.97	61.20	110.80	-49.60	Peak	343	116	P
8	5875.00	5.31	54.97	60.28	105.20	-44.92	Peak	343	116	P
9	5925.00	5.49	54.14	59.63	68.20	-8.57	Peak	343	116	P
10	11380.00	12.91	29.51	42.42	54.00	-11.58	Average	100	120	P
11	11380.00	12.91	40.27	53.18	74.00	-20.82	Peak	100	120	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3 Straddle Channel, CH138		:

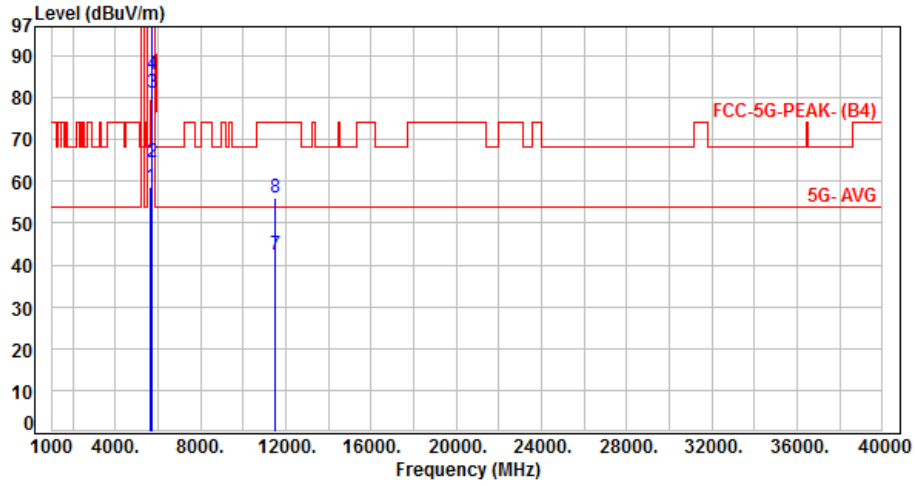


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	5.20	45.62	50.82	54.00	-3.18	Average	100	82	P
2	5460.00	5.20	58.64	63.84	74.00	-10.16	Peak	100	82	P
3	5470.00	5.20	61.44	66.64	68.20	-1.56	Peak	100	82	P
4	5690.00	5.12	90.62	95.74	200.00	-104.26	Average	100	82	P
5	5690.00	5.12	104.60	109.72	200.00	-90.28	Peak	100	82	P
6	5850.00	5.21	60.07	65.28	122.20	-56.92	Peak	100	82	P
7	5855.00	5.23	59.19	64.42	110.80	-46.38	Peak	100	82	P
8	5875.00	5.31	56.45	61.76	105.20	-43.44	Peak	100	82	P
9	5925.00	5.49	54.60	60.09	68.20	-8.11	Peak	100	82	P
10	11380.00	12.91	29.73	42.64	54.00	-11.36	Average	100	89	P
11	11380.00	12.91	40.55	53.46	74.00	-20.54	Peak	100	89	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH149		:

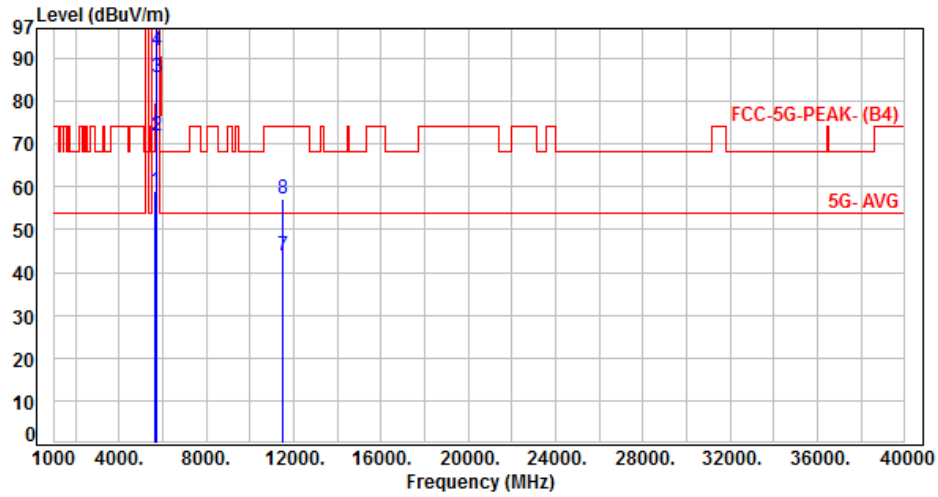


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.49	58.58	68.20	-9.62	Peak	358	122	P
2	5700.00	5.12	59.49	64.61	105.20	-40.59	Peak	358	122	P
3	5720.00	5.13	76.10	81.23	110.80	-29.57	Peak	358	122	P
4	5725.00	5.14	80.31	85.45	122.20	-36.75	Peak	358	122	P
5	5745.00	5.15	93.93	99.08	200.00	-100.92	Average	358	122	P
6	5745.00	5.15	102.93	108.08	200.00	-91.92	Peak	358	122	P
7	11490.00	13.27	29.28	42.55	54.00	-11.45	Average	100	118	P
8	11490.00	13.27	42.63	55.90	74.00	-18.10	Peak	100	118	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH149		:

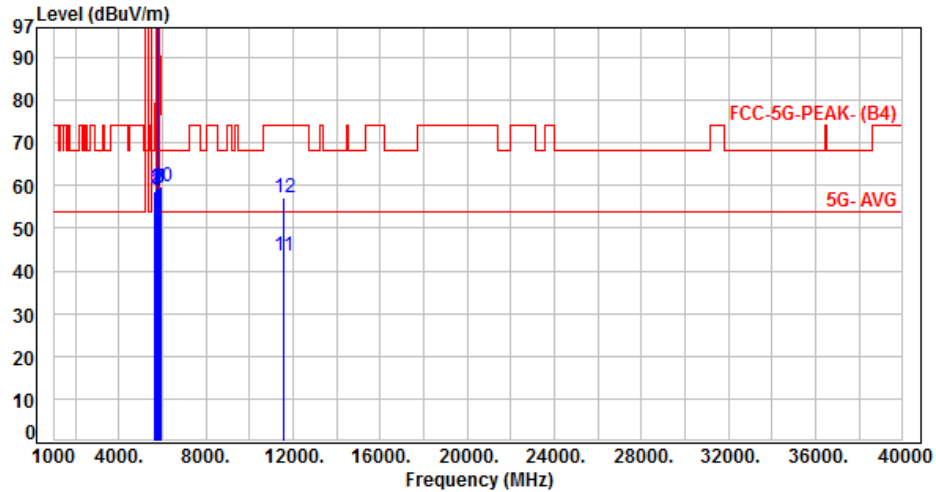


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.91	59.00	68.20	-9.20	Peak	100	62	P
2	5700.00	5.12	66.89	72.01	105.20	-33.19	Peak	100	62	P
3	5720.00	5.13	80.57	85.70	110.80	-25.10	Peak	100	62	P
4	5725.00	5.14	86.65	91.79	122.20	-30.41	Peak	100	62	P
5	5745.00	5.15	99.87	105.02	200.00	-94.98	Average	100	62	P
6	5745.00	5.15	108.96	114.11	200.00	-85.89	Peak	100	62	P
7	11490.00	13.27	30.73	44.00	54.00	-10.00	Average	102	77	P
8	11490.00	13.27	43.71	56.98	74.00	-17.02	Peak	102	77	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH157		:

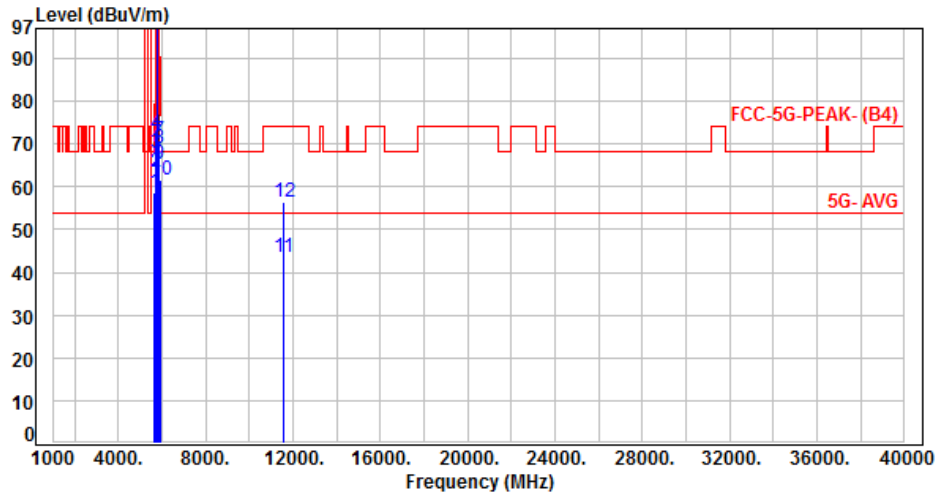


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.54	58.63	68.20	-9.57	Peak	390	120	P
2	5700.00	5.12	54.26	59.38	105.20	-45.82	Peak	390	120	P
3	5720.00	5.13	53.85	58.98	110.80	-51.82	Peak	390	120	P
4	5725.00	5.14	53.54	58.68	122.20	-63.52	Peak	390	120	P
5	5785.00	5.17	94.01	99.18	200.00	-100.82	Average	390	120	P
6	5785.00	5.17	103.65	108.82	200.00	-91.18	Peak	390	120	P
7	5850.00	5.21	54.04	59.25	122.20	-62.95	Peak	390	120	P
8	5855.00	5.23	54.30	59.53	110.80	-51.27	Peak	390	120	P
9	5875.00	5.31	53.91	59.22	105.20	-45.98	Peak	390	120	P
10	5925.00	5.49	54.27	59.76	68.20	-8.44	Peak	390	120	P
11	11570.00	13.50	30.06	43.56	54.00	-10.44	Average	100	103	P
12	11570.00	13.50	43.58	57.08	74.00	-16.92	Peak	100	103	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH157		:

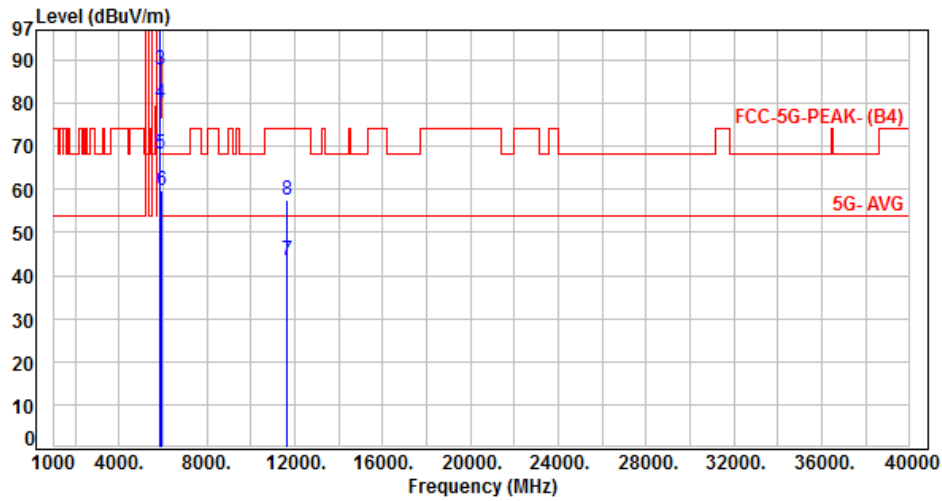


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.62	58.71	68.20	-9.49	Peak	100	76	P
2	5700.00	5.12	58.45	63.57	105.20	-41.63	Peak	100	76	P
3	5720.00	5.13	62.84	67.97	110.80	-42.83	Peak	100	76	P
4	5725.00	5.14	67.28	72.42	122.20	-49.78	Peak	100	76	P
5	5785.00	5.17	99.85	105.02	200.00	-94.98	Average	100	76	P
6	5785.00	5.17	109.45	114.62	200.00	-85.38	Peak	100	76	P
7	5850.00	5.21	65.53	70.74	122.20	-51.46	Peak	100	76	P
8	5855.00	5.23	63.77	69.00	110.80	-41.80	Peak	100	76	P
9	5875.00	5.31	60.04	65.35	105.20	-39.85	Peak	100	76	P
10	5925.00	5.49	56.24	61.73	68.20	-6.47	Peak	100	76	P
11	11570.00	13.50	30.02	43.52	54.00	-10.48	Average	100	83	P
12	11570.00	13.50	42.87	56.37	74.00	-17.63	Peak	100	83	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 4, CH165		:

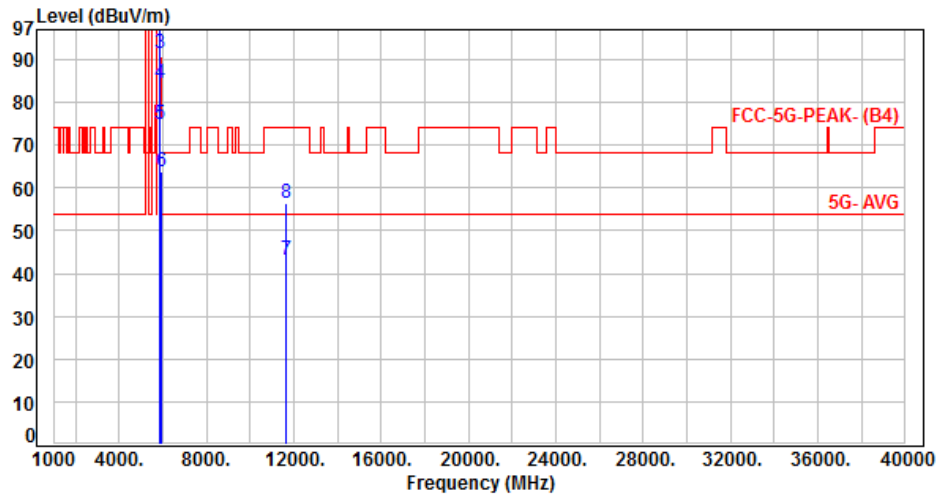


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	5.19	94.26	99.45	200.00	-100.55	Average	347	111	P
2	5825.00	5.19	103.53	108.72	200.00	-91.28	Peak	347	111	P
3	5850.00	5.21	82.57	87.78	122.20	-34.42	Peak	347	111	P
4	5855.00	5.23	74.85	80.08	110.80	-30.72	Peak	347	111	P
5	5875.00	5.31	62.97	68.28	105.20	-36.92	Peak	347	111	P
6	5925.00	5.49	54.19	59.68	68.20	-8.52	Peak	347	111	P
7	11650.00	13.68	30.00	43.68	54.00	-10.32	Average	100	102	P
8	11650.00	13.68	43.79	57.47	74.00	-16.53	Peak	100	102	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, Band 4, CH165		:



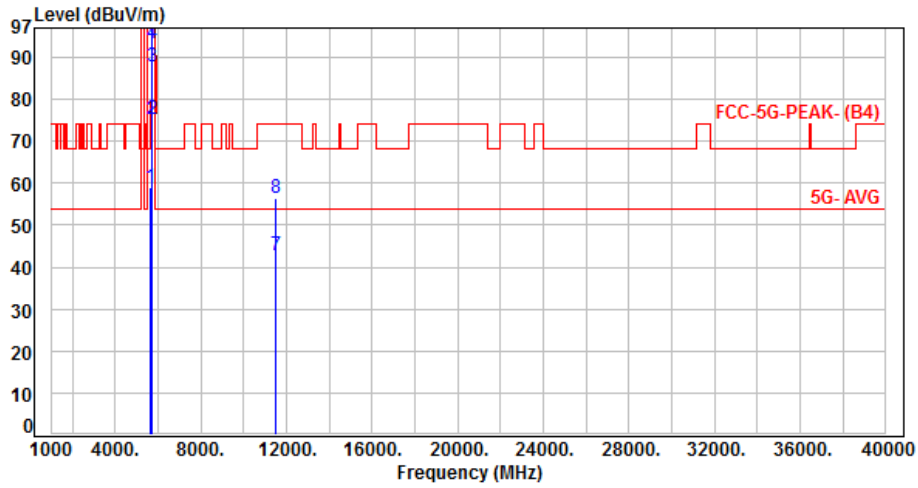
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	5.19	99.82	105.01	200.00	-94.99	Average	100	74	P
2	5825.00	5.19	109.44	114.63	200.00	-85.37	Peak	100	74	P
3	5850.00	5.21	86.22	91.43	122.20	-30.77	Peak	100	74	P
4	5855.00	5.23	79.14	84.37	110.80	-26.43	Peak	100	74	P
5	5875.00	5.31	69.44	74.75	105.20	-30.45	Peak	100	74	P
6	5925.00	5.49	58.33	63.82	68.20	-4.38	Peak	100	74	P
7	11650.00	13.68	29.42	43.10	54.00	-10.90	Average	100	79	P
8	11650.00	13.68	42.71	56.39	74.00	-17.61	Peak	100	79	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH149		:

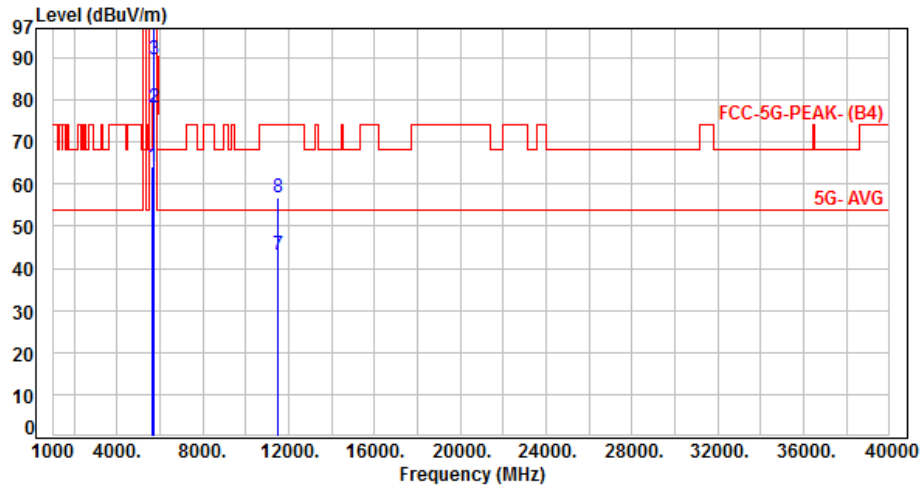


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.90	58.99	68.20	-9.21	Peak	376	90	P
2	5700.00	5.12	70.08	75.20	105.20	-30.00	Peak	376	90	P
3	5720.00	5.13	82.55	87.68	110.80	-23.12	Peak	376	90	P
4	5725.00	5.14	88.28	93.42	122.20	-28.78	Peak	376	90	P
5	5745.00	5.15	95.48	100.63	200.00	-99.37	Average	376	90	P
6	5745.00	5.15	105.87	111.02	200.00	-88.98	Peak	376	90	P
7	11490.00	13.27	29.53	42.80	54.00	-11.20	Average	100	98	P
8	11490.00	13.27	43.32	56.59	74.00	-17.41	Peak	100	98	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH149		:

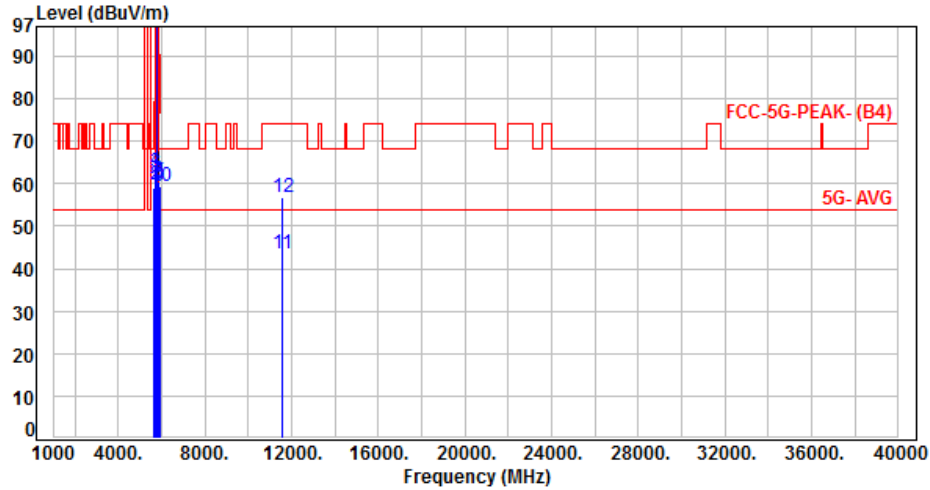


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	59.21	64.30	68.20	-3.90	Peak	100	67	P
2	5700.00	5.12	73.11	78.23	105.20	-26.97	Peak	100	67	P
3	5720.00	5.13	84.66	89.79	110.80	-21.01	Peak	100	67	P
4	5725.00	5.14	90.76	95.90	122.20	-26.30	Peak	100	67	P
5	5745.00	5.15	99.32	104.47	200.00	-95.53	Average	100	67	P
6	5745.00	5.15	109.63	114.78	200.00	-85.22	Peak	100	67	P
7	11490.00	13.27	29.75	43.02	54.00	-10.98	Average	100	81	P
8	11490.00	13.27	43.51	56.78	74.00	-17.22	Peak	100	81	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH157		:

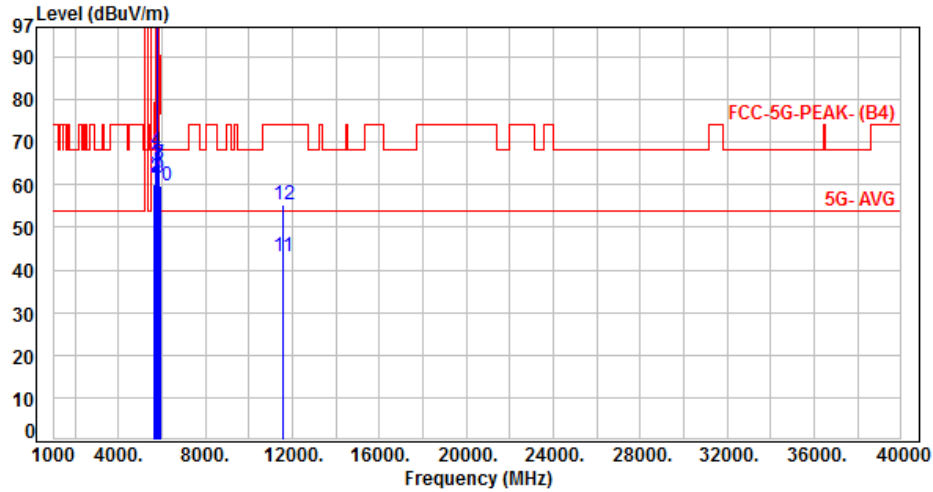


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	53.90	58.99	68.20	-9.21	Peak	355	111	P
2	5700.00	5.12	54.50	59.62	105.20	-45.58	Peak	355	111	P
3	5720.00	5.13	57.65	62.78	110.80	-48.02	Peak	355	111	P
4	5725.00	5.14	57.93	63.07	122.20	-59.13	Peak	355	111	P
5	5785.00	5.17	94.46	99.63	200.00	-100.37	Average	355	111	P
6	5785.00	5.17	104.42	109.59	200.00	-90.41	Peak	355	111	P
7	5850.00	5.21	55.23	60.44	122.20	-61.76	Peak	355	111	P
8	5855.00	5.23	54.94	60.17	110.80	-50.63	Peak	355	111	P
9	5875.00	5.31	54.12	59.43	105.20	-45.77	Peak	355	111	P
10	5925.00	5.49	53.88	59.37	68.20	-8.83	Peak	355	111	P
11	11570.00	13.50	29.88	43.38	54.00	-10.62	Average	100	96	P
12	11570.00	13.50	43.28	56.78	74.00	-17.22	Peak	100	96	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH157		:

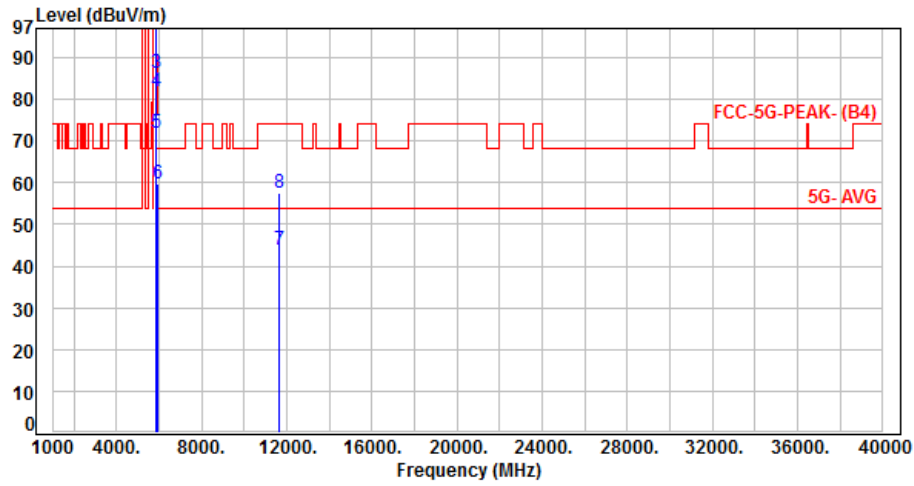


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	54.99	60.08	68.20	-8.12	Peak	100	77	P
2	5700.00	5.12	56.39	61.51	105.20	-43.69	Peak	100	77	P
3	5720.00	5.13	59.24	64.37	110.80	-46.43	Peak	100	77	P
4	5725.00	5.14	62.84	67.98	122.20	-54.22	Peak	100	77	P
5	5785.00	5.17	98.84	104.01	200.00	-95.99	Average	100	77	P
6	5785.00	5.17	109.01	114.18	200.00	-85.82	Peak	100	77	P
7	5850.00	5.21	59.87	65.08	122.20	-57.12	Peak	100	77	P
8	5855.00	5.23	59.72	64.95	110.80	-45.85	Peak	100	77	P
9	5875.00	5.31	56.25	61.56	105.20	-43.64	Peak	100	77	P
10	5925.00	5.49	54.32	59.81	68.20	-8.39	Peak	100	77	P
11	11570.00	13.50	29.50	43.00	54.00	-11.00	Average	100	80	P
12	11570.00	13.50	42.01	55.51	74.00	-18.49	Peak	100	80	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, Band 4, CH165		:

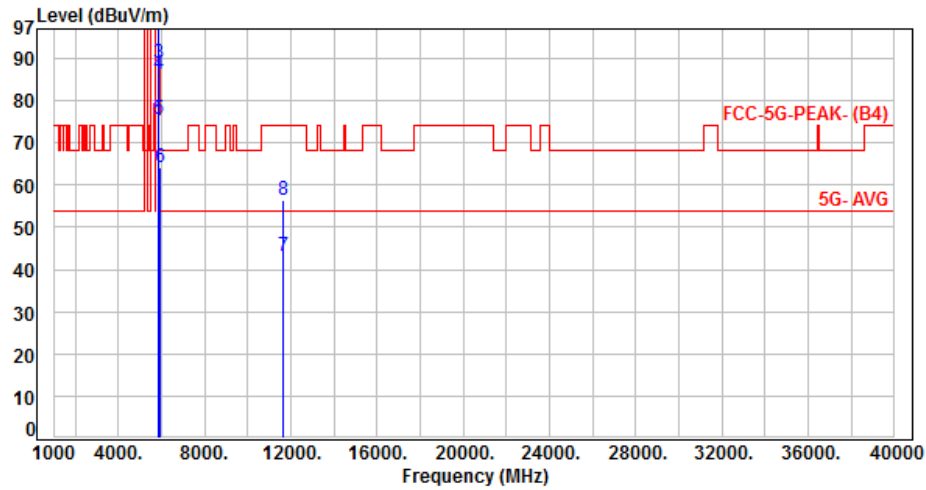


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	5.19	96.03	101.22	200.00	-98.78	Average	346	112	P
2	5825.00	5.19	106.24	111.43	200.00	-88.57	Peak	346	112	P
3	5850.00	5.21	80.94	86.15	122.20	-36.05	Peak	346	112	P
4	5855.00	5.23	76.57	81.80	110.80	-29.00	Peak	346	112	P
5	5875.00	5.31	66.55	71.86	105.20	-33.34	Peak	346	112	P
6	5925.00	5.49	54.08	59.57	68.20	-8.63	Peak	346	112	P
7	11650.00	13.68	30.08	43.76	54.00	-10.24	Average	100	104	P
8	11650.00	13.68	44.01	57.69	74.00	-16.31	Peak	100	104	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, Band 4, CH165		:

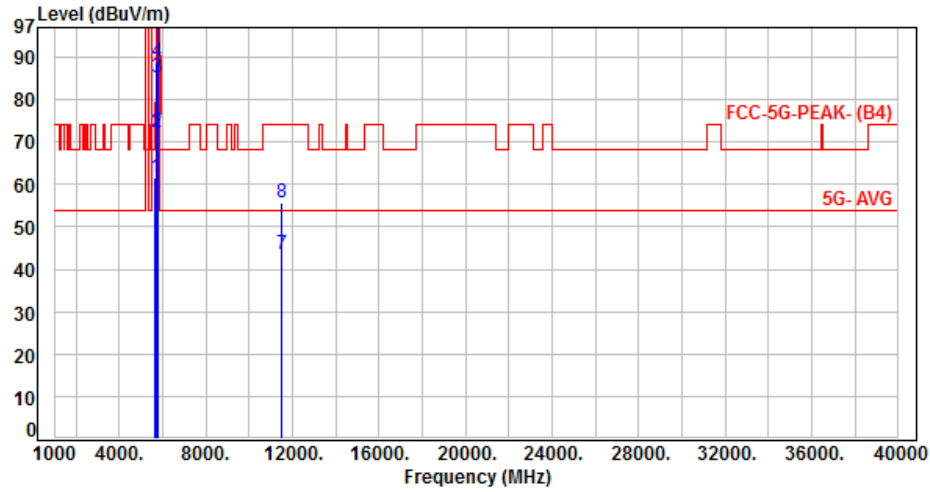


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	5.19	99.54	104.73	200.00	-95.27	Average	100	76	P
2	5825.00	5.19	109.95	115.14	200.00	-84.86	Peak	100	76	P
3	5850.00	5.21	83.69	88.90	122.20	-33.30	Peak	100	76	P
4	5855.00	5.23	81.06	86.29	110.80	-24.51	Peak	100	76	P
5	5875.00	5.31	70.44	75.75	105.20	-29.45	Peak	100	76	P
6	5925.00	5.49	58.60	64.09	68.20	-4.11	Peak	100	76	P
7	11650.00	13.68	29.35	43.03	54.00	-10.97	Average	100	89	P
8	11650.00	13.68	42.74	56.42	74.00	-17.58	Peak	100	89	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH151		:

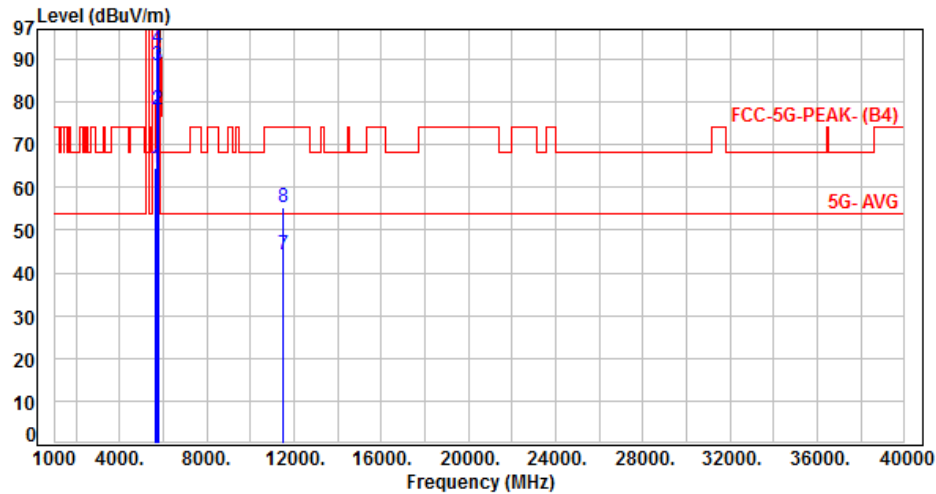


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	56.59	61.68	68.20	-6.52	Peak	370	81	P
2	5700.00	5.12	67.06	72.18	105.20	-33.02	Peak	370	81	P
3	5720.00	5.13	80.02	85.15	110.80	-25.65	Peak	370	81	P
4	5725.00	5.14	83.58	88.72	122.20	-33.48	Peak	370	81	P
5	5755.00	5.15	93.21	98.36	200.00	-101.64	Average	370	81	P
6	5755.00	5.15	103.12	108.27	200.00	-91.73	Peak	370	81	P
7	11510.00	13.32	30.15	43.47	54.00	-10.53	Average	100	89	P
8	11510.00	13.32	42.52	55.84	74.00	-18.16	Peak	100	89	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH151		:



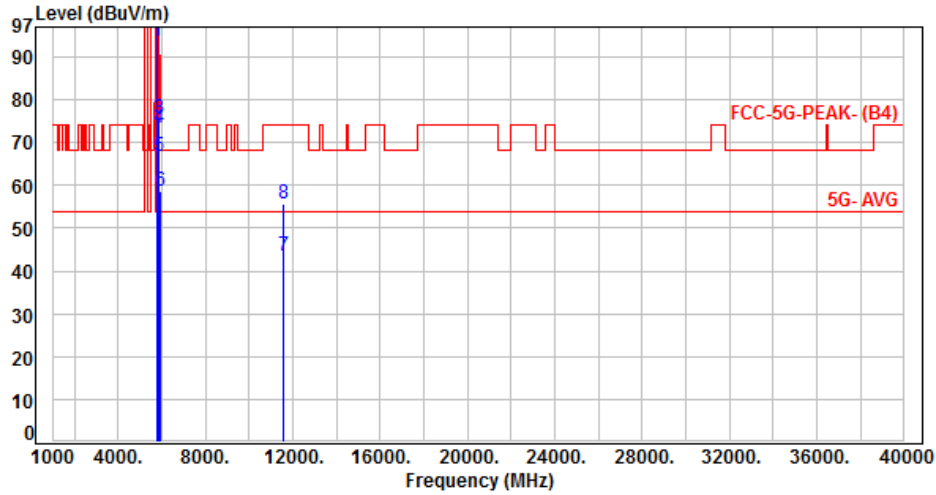
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	59.51	64.60	68.20	-3.60	Peak	100	79	P
2	5700.00	5.12	73.09	78.21	105.20	-26.99	Peak	100	79	P
3	5720.00	5.13	83.51	88.64	110.80	-22.16	Peak	100	79	P
4	5725.00	5.14	87.47	92.61	122.20	-29.59	Peak	100	79	P
5	5755.00	5.15	95.61	100.76	200.00	-99.24	Average	100	79	P
6	5755.00	5.15	105.60	110.75	200.00	-89.25	Peak	100	79	P
7	11510.00	13.32	30.83	44.15	54.00	-9.85	Average	100	88	P
8	11510.00	13.32	41.96	55.28	74.00	-18.72	Peak	100	88	P

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





Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 4, CH159		

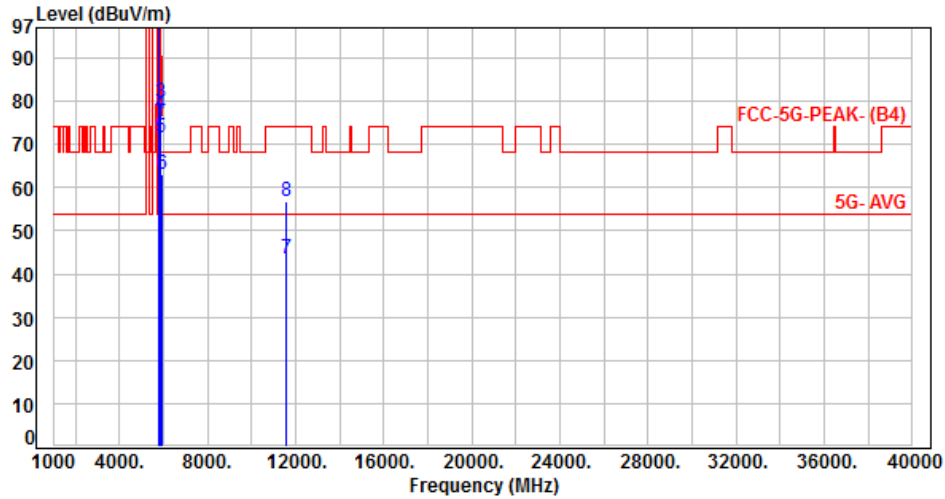


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	5.18	88.43	93.61	200.00	-106.39	Average	358	86	P
2	5795.00	5.18	98.26	103.44	200.00	-96.56	Peak	358	86	P
3	5850.00	5.21	70.50	75.71	122.20	-46.49	Peak	358	86	P
4	5855.00	5.23	68.18	73.41	110.80	-37.39	Peak	358	86	P
5	5875.00	5.31	61.41	66.72	105.20	-38.48	Peak	358	86	P
6	5925.00	5.49	53.18	58.67	68.20	-9.53	Peak	358	86	P
7	11590.00	13.55	29.98	43.53	54.00	-10.47	Average	100	101	P
8	11590.00	13.55	42.15	55.70	74.00	-18.30	Peak	100	101	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 4, CH159		:

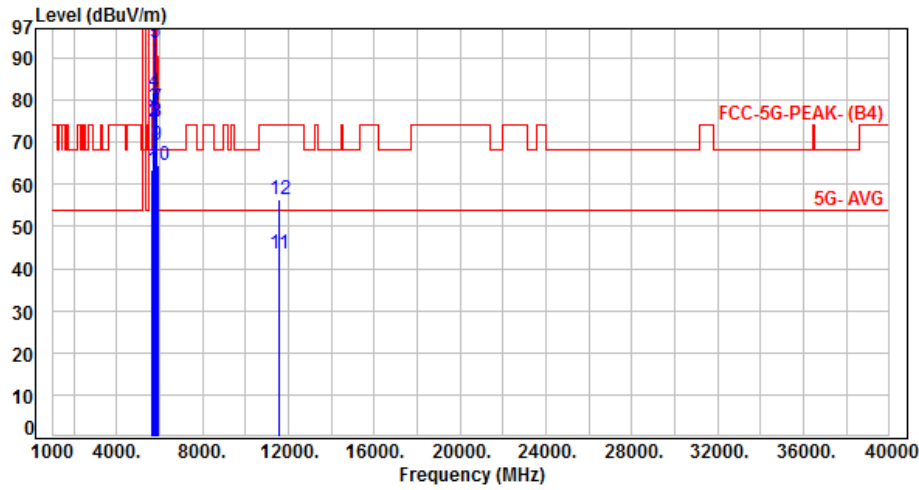


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5795.00	5.18	95.72	100.90	200.00	-99.10	Average	100	78	P
2	5795.00	5.18	105.71	110.89	200.00	-89.11	Peak	100	78	P
3	5850.00	5.21	74.45	79.66	122.20	-42.54	Peak	100	78	P
4	5855.00	5.23	72.02	77.25	110.80	-33.55	Peak	100	78	P
5	5875.00	5.31	66.37	71.68	105.20	-33.52	Peak	100	78	P
6	5925.00	5.49	57.46	62.95	68.20	-5.25	Peak	100	78	P
7	11590.00	13.55	30.06	43.61	54.00	-10.39	Average	100	95	P
8	11590.00	13.55	43.09	56.64	74.00	-17.36	Peak	100	95	P

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



Power	: DC 48V From POE	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 4, CH155		:

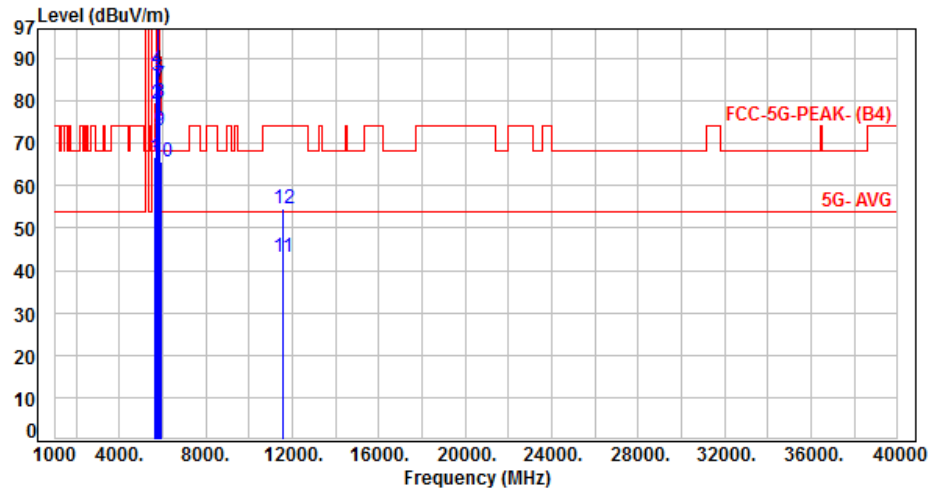


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	58.48	63.57	68.20	-4.63	Peak	368	91	P
2	5700.00	5.12	69.80	74.92	105.20	-30.28	Peak	368	91	P
3	5720.00	5.13	73.16	78.29	110.80	-32.51	Peak	368	91	P
4	5725.00	5.14	76.66	81.80	122.20	-40.40	Peak	368	91	P
5	5775.00	5.16	88.35	93.51	200.00	-106.49	Average	368	91	P
6	5775.00	5.16	97.50	102.66	200.00	-97.34	Peak	368	91	P
7	5850.00	5.21	72.88	78.09	122.20	-44.11	Peak	368	91	P
8	5855.00	5.23	69.65	74.88	110.80	-35.92	Peak	368	91	P
9	5875.00	5.31	64.11	69.42	105.20	-35.78	Peak	368	91	P
10	5925.00	5.49	58.87	64.36	68.20	-3.84	Peak	368	91	P
11	11550.00	13.44	29.94	43.38	54.00	-10.62	Average	100	102	P
12	11550.00	13.44	43.04	56.48	74.00	-17.52	Peak	100	102	P

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



Power	: DC 48V From POE	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 4, CH155		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	5.09	61.68	66.77	68.20	-1.43	Peak	100	79	P
2	5700.00	5.12	74.32	79.44	105.20	-25.76	Peak	100	79	P
3	5720.00	5.13	80.78	85.91	110.80	-24.89	Peak	100	79	P
4	5725.00	5.14	82.14	87.28	122.20	-34.92	Peak	100	79	P
5	5775.00	5.16	92.30	97.46	200.00	-102.54	Average	100	79	P
6	5775.00	5.16	101.63	106.79	200.00	-93.21	Peak	100	79	P
7	5850.00	5.21	78.62	83.83	122.20	-38.37	Peak	100	79	P
8	5855.00	5.23	74.53	79.76	110.80	-31.04	Peak	100	79	P
9	5875.00	5.31	67.75	73.06	105.20	-32.14	Peak	100	79	P
10	5925.00	5.49	60.28	65.77	68.20	-2.43	Peak	100	79	P
11	11550.00	13.44	29.87	43.31	54.00	-10.69	Average	100	86	P
12	11550.00	13.44	41.28	54.72	74.00	-19.28	Peak	100	86	P

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



### 6.7. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.150
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

\*\* : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz