



FCC RADIO TEST REPORT

Applicant : Micro-Star Int'l Co.,Ltd.
Address : No.69, Lide St., Zhonghe Dist. New Taipei City 235
Taiwan
Equipment : AX1800 WiFi USB Adapter
Model No. : GUAX18
Trade Name : msi
FCC ID : I4L-GUAX18

I HEREBY CERTIFY THAT :

The sample was received on May. 04, 2022 and the testing was completed on Aug. 01, 2022 at CerpPASS Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of CerpPASS Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Supervisor

Laboratory Accreditation:

CerpPASS Technology Corporation Test Laboratory





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History of this test report

Report No.	Issued Date	Description
22050012-TRFCC02	Aug. 01, 2022	Original



1. Summary of Test Procedure and Test Results

1.1. Applicable Standards

ANSI C63.10:2013

FCC Rules and Regulations Part 15 Subpart E §15.407

KDB 789033

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

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

*This EUT has been also tested and compiled with the requirement of FCC Part 15, Subpart B, recorded in a separate test report(22050012-TEFV01).



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	802.11b/g/n(Turbo QAM)/ax: 2400-2483.5MHz 802.11a/n/ac/ax: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Center Frequency Range	802.11b/g/n(Turbo QAM)/ax: 2412MHz-2462MHz 802.11a/n/ac/ax: 5180-5240MHz, 5260-5320MHz, 5500-5700MHz, 5745-5825MHz
Modulation Type	2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM, 256QAM(Turbo QAM) 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 5GHz: 802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Modulation Technology	DSSS, OFDM, OFDMA
Data Rate	2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 MCS0 – MCS9, VHT20/40(Turbo QAM) 802.11ax: MCS0 – MCS11, HE20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80 802.11ax: MCS0 – MCS11, HE20/40/80
Antenna Type	PCB Antenna
Antenna Gain	2400-2490MHz: ANT A: 3.30 dBi, ANT B: 4.50 dBi 5150-5250MHz: ANT A: 4.40 dBi, ANT B: 4.50 dBi 5250-5350MHz: ANT A: 4.10 dBi, ANT B: 4.50 dBi 5470-5725MHz: ANT A: 3.50 dBi, ANT B: 5.40 dBi 5725-5850MHz: ANT A: 3.60 dBi, ANT B: 5.00 dBi
USB cradle	Brand: msi, Model: GUAX18D

Note:

1. EUT support TPC Function.
2. EUT support 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, 802.11ax HE20

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*42	5210

Band: 5250MHz-5350MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*58	5290

Band: 5470MHz-5725MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

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

Note: Channels remarked * are selected to perform test.



Band 3: Straddle Channel

802.11a, 802.11n HT 20, 802.11ac VHT20, 802.11ax HE20

Channel	Frequency(MHz)
*144	5720

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

Channel	Frequency(MHz)
*142	5710

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*138	5690

Band: 5725MHz-5850MHz

802.11a, 802.11n HT20, 802.11ac VHT20, 802.11ax HE20

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*155	5775

Note: Channels remarked * are selected to perform test.



2.3. Test Mode and Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- b. The complete test system included remote workstation and EUT for RF test. The remote workstation included Notebook.
- c. An executive program, " AX Series MP Toolkit ver. 1.0.46" under Windows OS system was executed to transmit and receive data via WLAN.
- d. The following test modes were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	Normal Mode ,From System (240V/60Hz) USB cradle
2	Normal Mode ,From System (240V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiation Emissions (Below 1GHz)	
Test Mode	Operating Description
1	Normal Mode ,From System (240V/60Hz) USB cradle
2	Normal Mode ,From System (240V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiation Emissions (1GHz ~ 40GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps) , From System (120V/60Hz)
2	802.11ac VHT20 (6.5Mbps) , From System (120V/60Hz)
3	802.11ac VHT40 (13.5Mbps) , From System (120V/60Hz)
4	802.11ac VHT80 (29.3Mbps) , From System (120V/60Hz)
5	802.11ax HE20 (7.3Mbps) , From System (120V/60Hz)
6	802.11ax HE40 (14.6Mbps) , From System (120V/60Hz)
7	802.11ax HE80 (30.6Mbps) , From System (120V/60Hz)
caused "Test Mode 1,5~7" generated the worst case, they were reported as the final data.	

Note:

- 1. There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.
 For AC Power Line Conducted Emission, AC 240V / 60Hz is worst case.
 For Radiated Spurious Emission(Below 1GHz), AC 240V / 60Hz is worst case.
 For Radiated Spurious Emission(1GHz ~ 40GHz), AC 120V / 60Hz is worst case.

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11a	2TX
802.11n HT20	2TX
802.11n HT40	2TX
802.11ac VHT20	2TX
802.11ac VHT40	2TX
802.11ac VHT80	2TX
802.11ax HE20	2TX
802.11ax HE40	2TX
802.11ax HE80	2TX



2.4. Description of Test System

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
USB Cable(A to B)	BENEVO	BUSB0301AMFB	0.8m / NS	N/A
Radiated Emissions(Above 1G)				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5270	N/A	Adapter / 1.8m / NS
USB Cable(A to B)	iMAX	N/A	1.5m / NS	N/A
Radiated Emissions(Below 1G)				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	L440	N/A	Adapter / 1.8m / NS
USB Cable(A to B)	BENEVO	BUSB0301AMFB	0.8m / NS	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5270	N/A	Adapter / 1.8m / NS
USB Cable(A to B)	BENEVO	BUSB0301AMFB	0.8m / NS	N/A

**2.5. General Information of Test**

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

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2022/6/24~2022/08/01	22~30.8°C / 38~57%	Dian Chen
Radiated Emissions	3M02-NK	2022/6/24~2022/06/30	26~28°C / 42~44%	Dian Chen
AC Power Line Conducted Emission	CON01-NK	2022/06/17	22°C / 54%	Dian Chen



2.6. Measurement Uncertainty

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

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.12dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.7dB
Radiated Spurious Emission(1GHz~40GHz)	±6.8dB
6dB Bandwidth	±4.4%
26dB Bandwidth	±4.4%
Occupied Bandwidth	±4.4%
Peak Output Power(Conducted Power Meter)	±1.1dB
Power Spectral Density	±1.8dB
Duty Cycle	±1.2%
Frequency Stability	±0.21KHz



3. Test Equipment and Ancillaries Used for Tests

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	275	2021/11/05	2022/11/04
Active Loop Antenna	EMCO	6507	40855	2022/05/25	2023/05/24
Horn Antenna	EMCO	3115	31601	2021/10/14	2022/10/13
Horn Antenna	EMCO	3116	31974	2021/10/04	2022/10/03
EMI Receiver	ROHDE & SCHWARZ	ESCI	100821	2021/11/16	2022/11/15
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2021/08/06	2022/08/05
Preamplifier	Agilent	8449B	3008A01954	2022/03/17	2023/03/16
Preamplifier	EM Electronics corp.	EM330	60658	2021/10/13	2022/10/12
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2022/03/21	2023/03/20
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1316	2022/01/11	2023/01/10
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY4569/2	2021/09/03	2022/09/02
Cable-1m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY5739/2	2021/09/03	2022/09/02
Cable-6m(1G-40G)	HUBER SUHNER	SUCOFLEX 102	MY5740/2	2021/09/03	2022/09/02
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2022/01/11	2023/01/10
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2022/01/11	2023/01/10
Cable-3m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2022/04/25	2023/04/24
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA

Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Spectrum Analyzer	ROHDE & SCHWARZ	FSP 40	100047	2022/03/04	2023/03/03
Attenuator	KEYSIGHT	8491B	MY39250703	2022/04/12	2023/04/11
Cable-0.5m(1G-26.5G)	HUBER SUHNER	SUCOFLEX 102	28422/2	2022/04/09	2023/04/08
Power Meter	Anritsu	ML2495A	1224005	2022/04/12	2023/04/11
Power Sensor	Anritsu	MA2411B	1207295	2022/04/12	2023/04/11
Switch Box	Theda	1-4	TW5451159	NA	NA



Test Item	AC Power Line Conducted Emission				
Test Site	CON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2021/08/30	2022/08/29
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-516	2021/10/05	2022/10/04
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101933	2021/09/15	2022/09/14
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2021/09/22	2022/09/21
E3	AUDIX	v8.2014-8-6	RK-000531	NA	NA



4. Antenna Requirements

4.1. Standard Applicable

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

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



4.2. Antenna Construction and Directional Gain

Antenna Type	PCBAntenna
Antenna Gain	5150-5250MHz: ANT A: 4.40 dBi, ANT B: 4.50 dBi 5250-5350MHz: ANT A: 4.10 dBi, ANT B: 4.50 dBi 5470-5725MHz: ANT A: 3.50 dBi, ANT B: 5.40 dBi 5725-5850MHz: ANT A: 3.60 dBi, ANT B: 5.00 dBi

5150-5250MHz: For Power directional gain= $G_{ant} = 4.50$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.46 dBi
5250-5350MHz: For Power directional gain= $G_{ant} = 4.50$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.31 dBi
5470-5725MHz: For Power directional gain= $G_{ant} = 5.40$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.51 dBi
5725-5850MHz: For Power directional gain= $G_{ant} = 5.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.34 (dBi)

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



5. Test of AC Power Line Conducted Emission

5.1. Test Limit

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

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

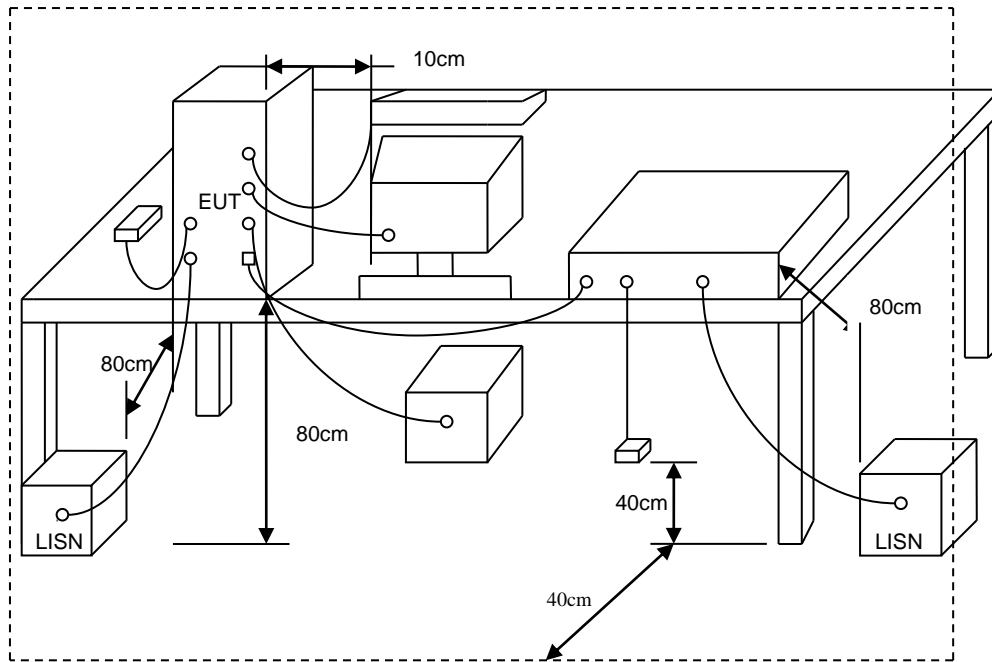
*Decreases with the logarithm of the frequency.

5.2. Test Procedures

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



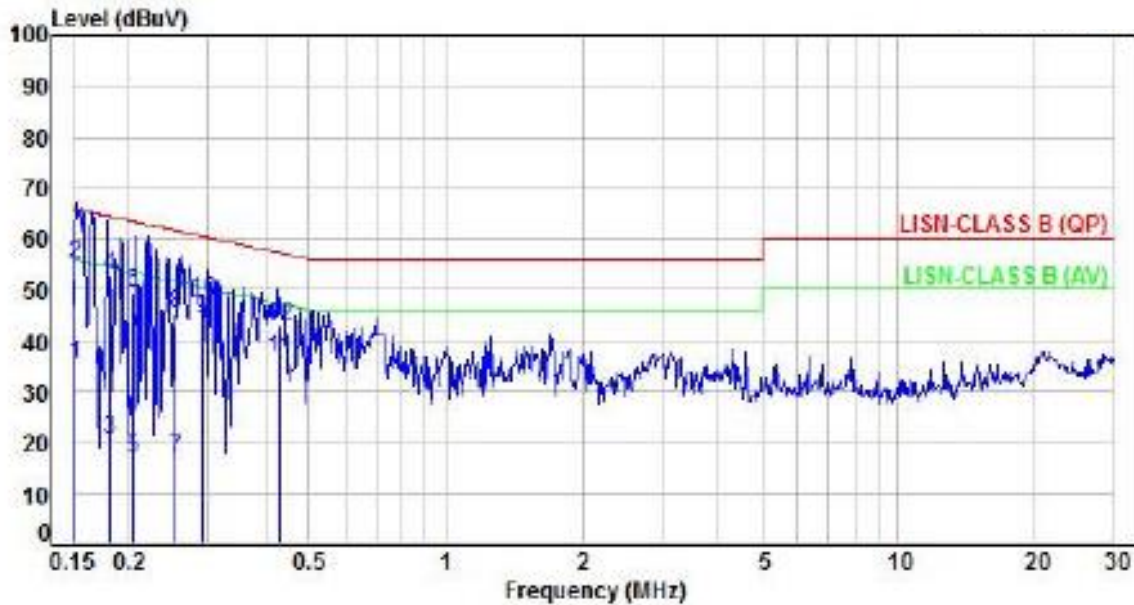
5.3. Typical Test Setup





5.4. Test Result and Data

Power	:	From System (AC 240V / 60Hz)	Pol/Phase	:	LINE
Test Mode	:	Mode 1		:	

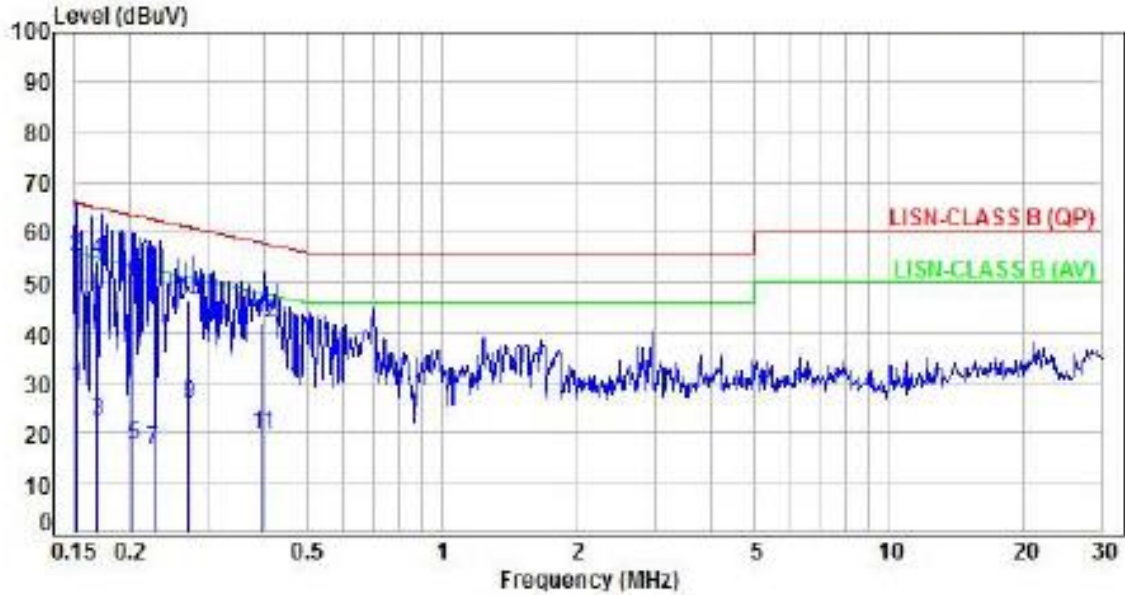


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.96	25.46	35.42	55.90	-20.48	Average	P
2	0.15	9.96	45.30	55.26	65.90	-10.64	QP	P
3	0.18	9.95	10.74	20.69	54.44	-33.75	Average	P
4	0.18	9.95	42.74	52.69	64.44	-11.75	QP	P
5	0.20	9.95	6.73	16.68	53.45	-36.77	Average	P
6	0.20	9.95	39.53	49.48	63.45	-13.97	QP	P
7	0.25	9.95	6.95	16.90	51.63	-34.73	Average	P
8	0.25	9.95	35.27	45.22	61.63	-16.41	QP	P
9	0.29	9.95	34.34	44.29	50.51	-6.22	Average	P
10	0.29	9.95	37.98	47.93	60.51	-12.58	QP	P
11	0.43	9.96	26.50	36.46	47.28	-10.82	Average	P
12	0.43	9.96	33.16	43.12	57.28	-14.16	QP	P

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



Power	:	From System (AC 240V / 60Hz)	Pol/Phase	:	NEUTRAL
Test Mode	:	Mode 1		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.94	19.33	29.27	55.91	-26.64	Average	P
2	0.15	9.94	45.30	55.24	65.91	-10.67	QP	P
3	0.17	9.94	12.51	22.45	55.01	-32.56	Average	P
4	0.17	9.94	44.46	54.40	65.01	-10.61	QP	P
5	0.20	9.93	7.74	17.67	53.46	-35.79	Average	P
6	0.20	9.93	40.34	50.27	63.46	-13.19	QP	P
7	0.23	9.93	6.79	16.72	52.60	-35.88	Average	P
8	0.23	9.93	38.44	48.37	62.60	-14.23	QP	P
9	0.27	9.93	15.80	25.73	51.06	-25.33	Average	P
10	0.27	9.93	36.45	46.38	61.06	-14.68	QP	P
11	0.40	9.94	9.79	19.73	47.91	-28.18	Average	P
12	0.40	9.94	32.01	41.95	57.91	-15.96	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.

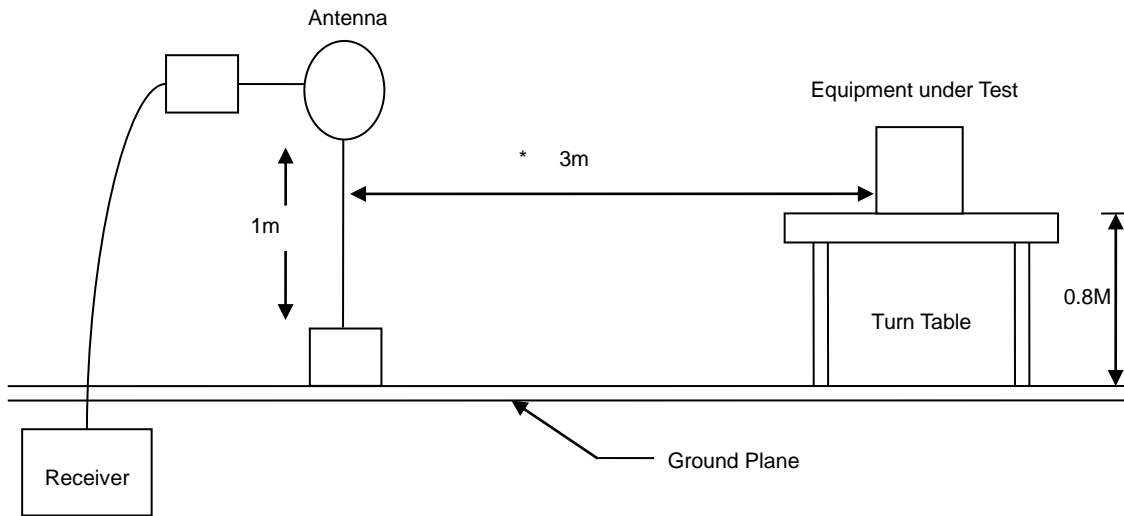
Note:

- 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.
From LF: (Y-AXIS is the worst.)
From HF:(X-AXIS is the worst.)
- 2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

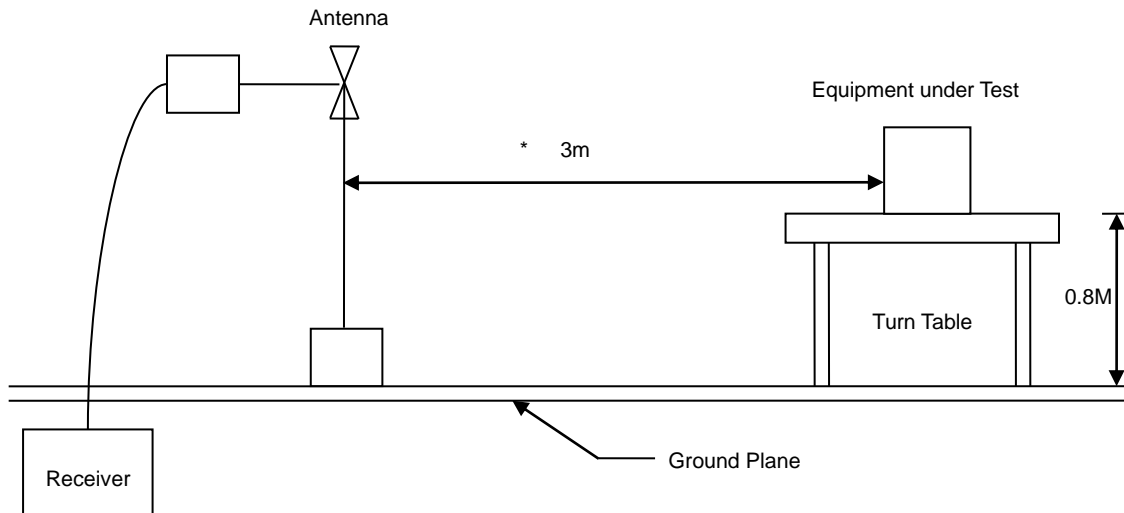


6.3. Typical Test Setup

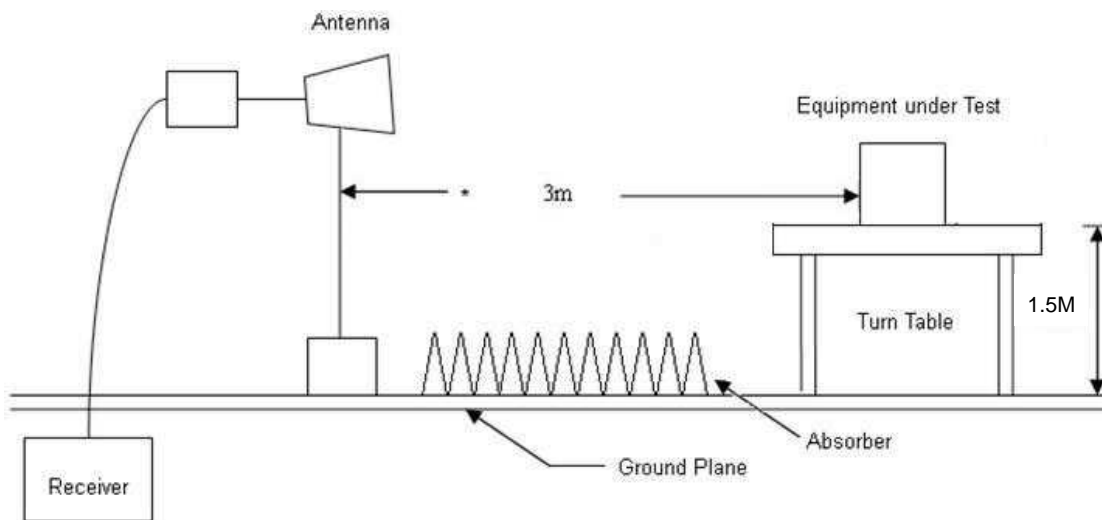
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



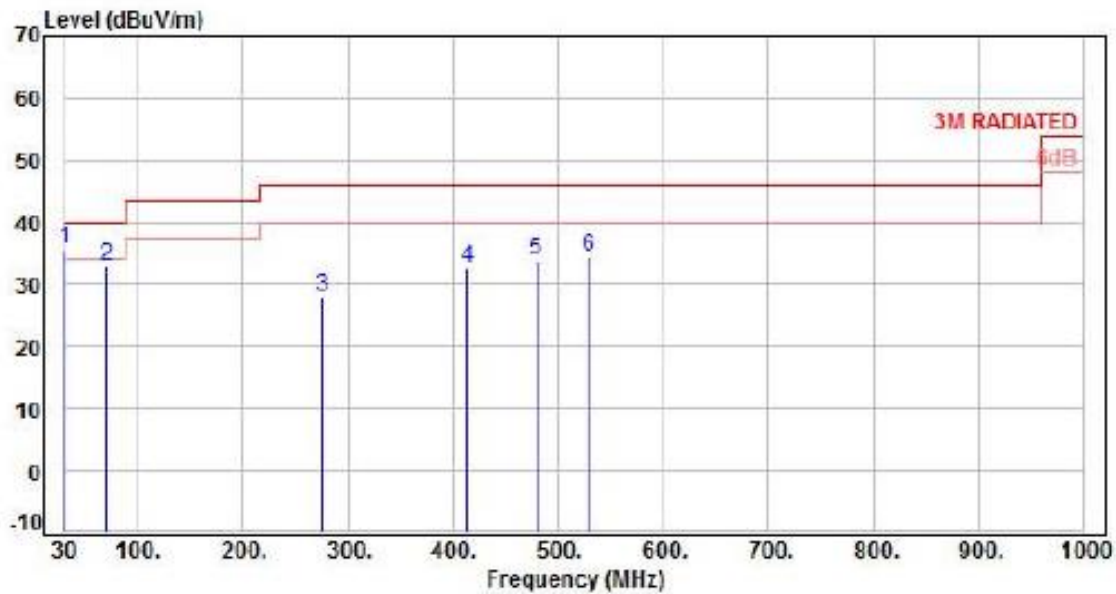


6.4. Test Result and Data (9kHz ~ 30MHz)

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

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

Power	:	From System (AC 240V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1		:	

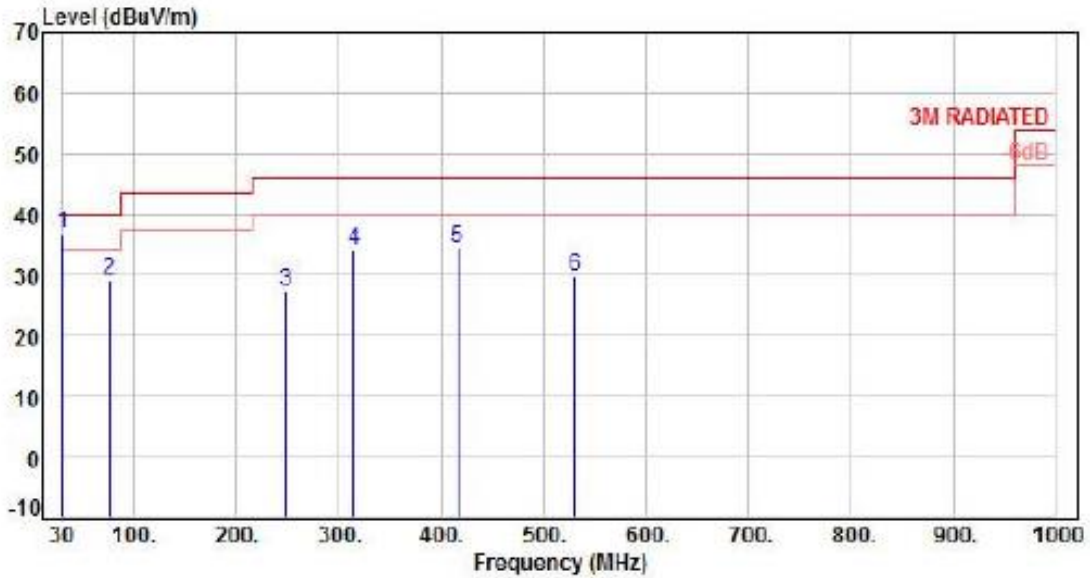


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-12.61	48.21	35.60	40.00	-4.40	QP	100	332	P
2	70.65	-13.36	46.31	32.95	40.00	-7.05	Peak	400	0	P
3	274.44	-10.81	38.96	28.15	46.00	-17.85	Peak	400	0	P
4	413.15	-7.19	39.91	32.72	46.00	-13.28	Peak	400	0	P
5	479.11	-5.60	39.26	33.66	46.00	-12.34	Peak	400	0	P
6	528.58	-4.63	39.14	34.51	46.00	-11.49	Peak	400	0	P

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



Power	:	From System (AC 240V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1		:	



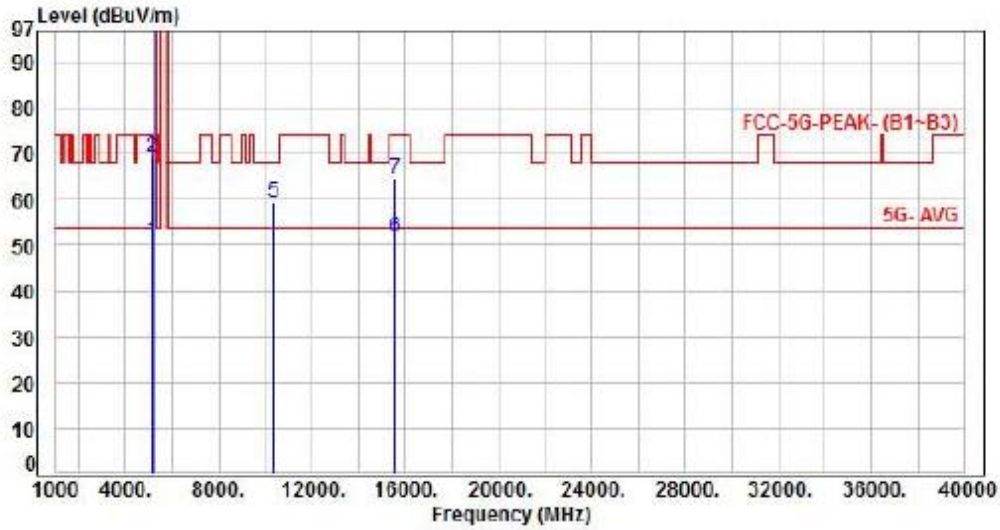
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	30.00	-12.61	49.49	36.88	40.00	-3.12	Peak	400	360	P
2	75.29	-14.86	44.06	29.20	40.00	-10.80	Peak	400	360	P
3	247.54	-12.07	39.55	27.48	46.00	-18.52	Peak	400	360	P
4	315.31	-9.64	43.62	33.98	46.00	-12.02	Peak	400	360	P
5	416.14	-7.09	41.47	34.38	46.00	-11.62	Peak	400	360	P
6	538.28	-4.60	34.34	29.74	46.00	-16.26	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	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 1, Band 1, CH36		:	

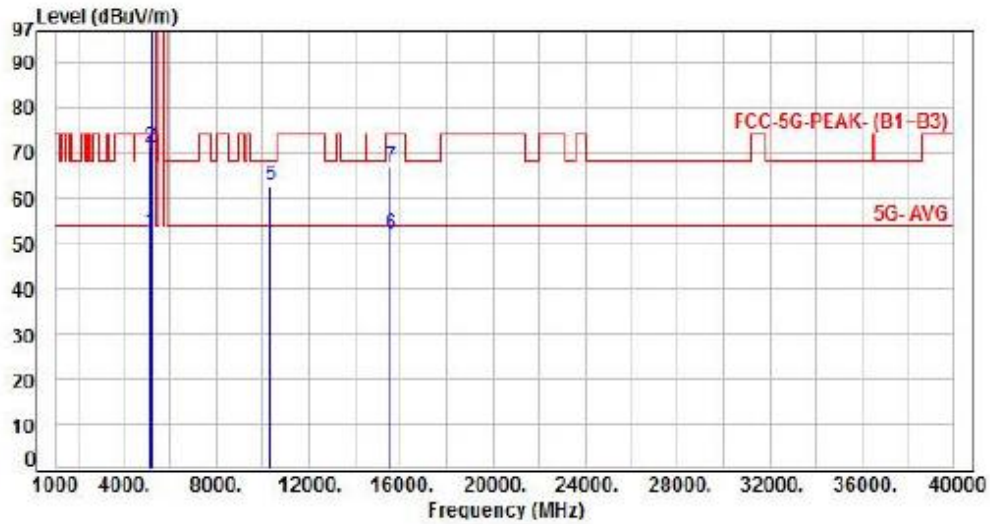


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	45.07	51.08	54.00	-2.92	Average	144	0	P
2	5150.00	6.01	63.45	69.46	74.00	-4.54	Peak	144	0	P
3	5180.00	6.03	97.58	103.61	200.00	-96.39	Average	144	0	P
4	5180.00	6.03	107.24	113.27	200.00	-86.73	Peak	144	0	P
5	10360.00	13.23	46.27	59.50	68.20	-8.70	Peak	100	89	P
6	15540.00	16.03	35.54	51.57	54.00	-2.43	Average	100	39	P
7	15540.00	16.03	48.45	64.48	74.00	-9.52	Peak	100	39	P

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



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

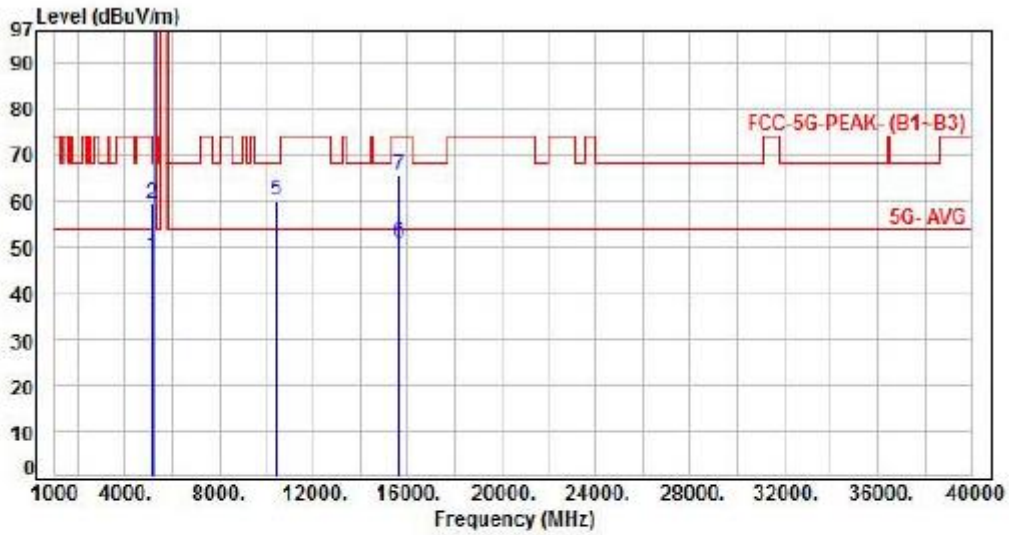


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.27	52.28	54.00	-1.72	Average	100	0	P
2	5150.00	6.01	65.00	71.01	74.00	-2.99	Peak	100	0	P
3	5180.00	6.03	99.69	105.72	200.00	-94.28	Average	100	0	P
4	5180.00	6.03	109.82	115.85	200.00	-84.15	Peak	100	0	P
5	10360.00	13.23	49.39	62.62	68.20	-5.58	Peak	100	255	P
6	15540.00	16.03	36.02	52.05	54.00	-1.95	Average	100	117	P
7	15540.00	16.03	50.54	66.57	74.00	-7.43	Peak	100	117	P

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



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

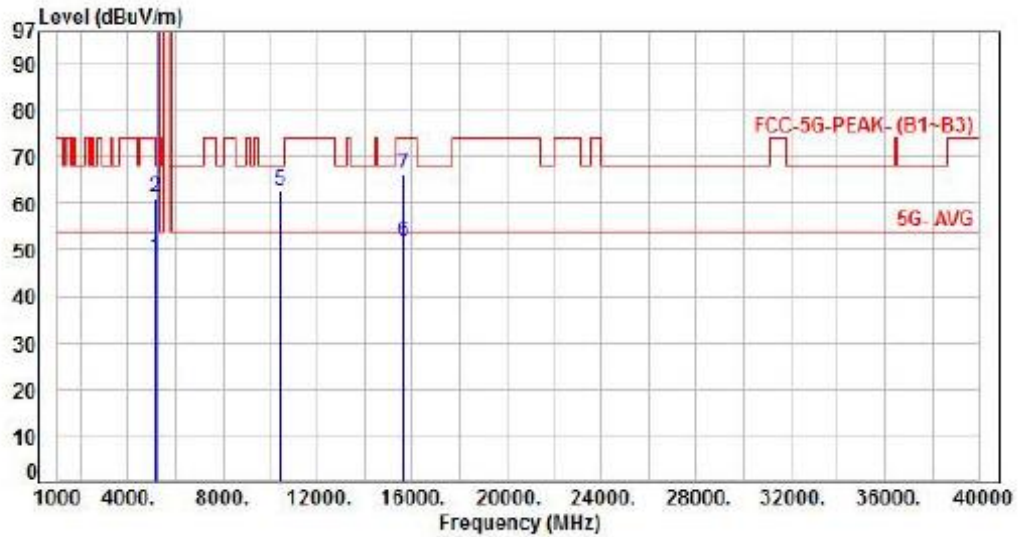


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.07	48.08	54.00	-5.92	Average	100	356	P
2	5150.00	6.01	53.34	59.35	74.00	-14.65	Peak	100	356	P
3	5200.00	6.04	99.81	105.85	200.00	-94.15	Average	100	356	P
4	5200.00	6.04	109.55	115.59	200.00	-84.41	Peak	100	356	P
5	10400.00	13.27	46.91	60.18	68.20	-8.02	Peak	100	0	P
6	15600.00	15.83	35.23	51.06	54.00	-2.94	Average	100	37	P
7	15600.00	15.83	49.84	65.67	74.00	-8.33	Peak	100	37	P

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



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

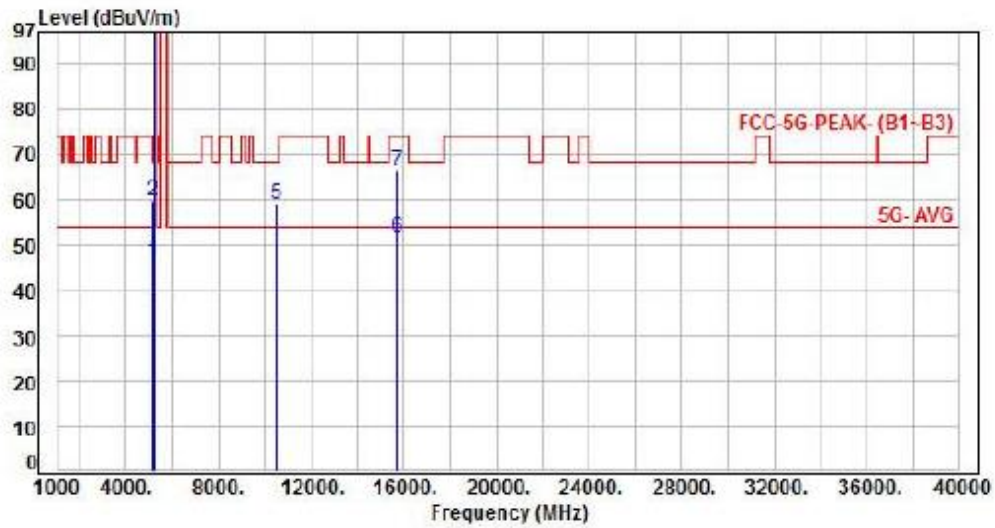


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	42.38	48.39	54.00	-5.61	Average	102	357	P
2	5150.00	6.01	55.30	61.31	74.00	-12.69	Peak	102	357	P
3	5200.00	6.04	101.34	107.38	200.00	-92.62	Average	102	357	P
4	5200.00	6.04	111.58	117.62	200.00	-82.38	Peak	102	357	P
5	10400.00	13.27	49.39	62.66	68.20	-5.54	Peak	100	138	P
6	15600.00	15.83	35.74	51.57	54.00	-2.43	Average	100	114	P
7	15600.00	15.83	50.58	66.41	74.00	-7.59	Peak	100	114	P

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



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

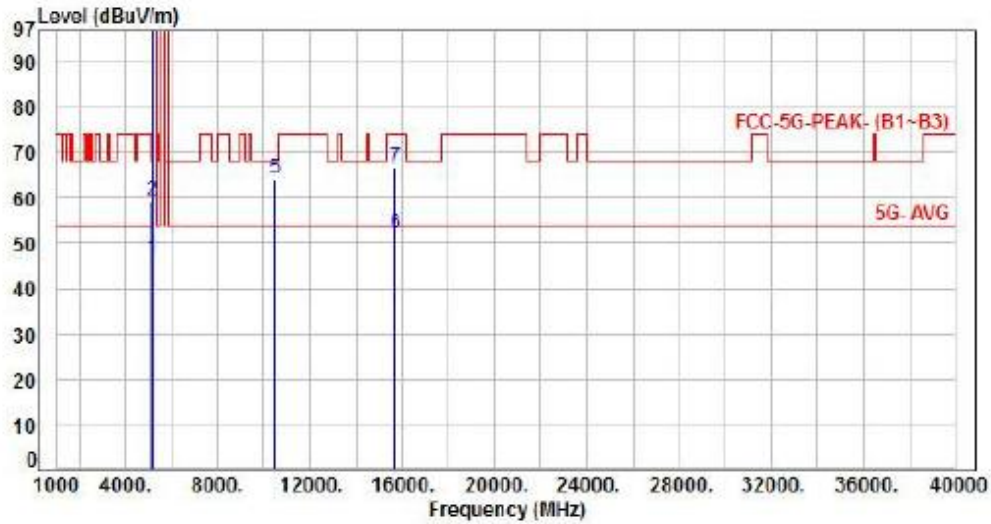


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	40.41	46.42	54.00	-7.58	Average	103	357	P
2	5150.00	6.01	53.59	59.60	74.00	-14.40	Peak	103	357	P
3	5240.00	6.08	100.64	106.72	200.00	-93.28	Average	103	357	P
4	5240.00	6.08	110.90	116.98	200.00	-83.02	Peak	103	357	P
5	10480.00	13.47	45.65	59.12	68.20	-9.08	Peak	100	354	P
6	15720.00	15.32	36.36	51.68	54.00	-2.32	Average	100	36	P
7	15720.00	15.32	50.95	66.27	74.00	-7.73	Peak	100	36	P

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



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

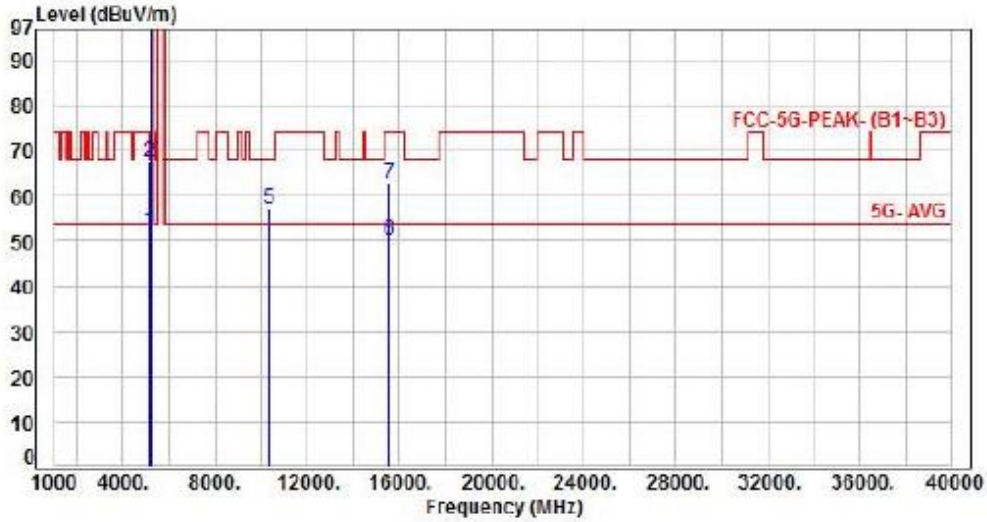


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	40.39	46.40	54.00	-7.60	Average	100	4	P
2	5150.00	6.01	53.50	59.51	74.00	-14.49	Peak	100	4	P
3	5240.00	6.08	101.45	107.53	200.00	-92.47	Average	100	4	P
4	5240.00	6.08	111.71	117.79	200.00	-82.21	Peak	100	4	P
5	10480.00	13.47	50.86	64.33	68.20	-3.87	Peak	100	134	P
6	15720.00	15.32	36.69	52.01	54.00	-1.99	Average	100	115	P
7	15720.00	15.32	51.43	66.75	74.00	-7.25	Peak	100	115	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 1, CH36		:	

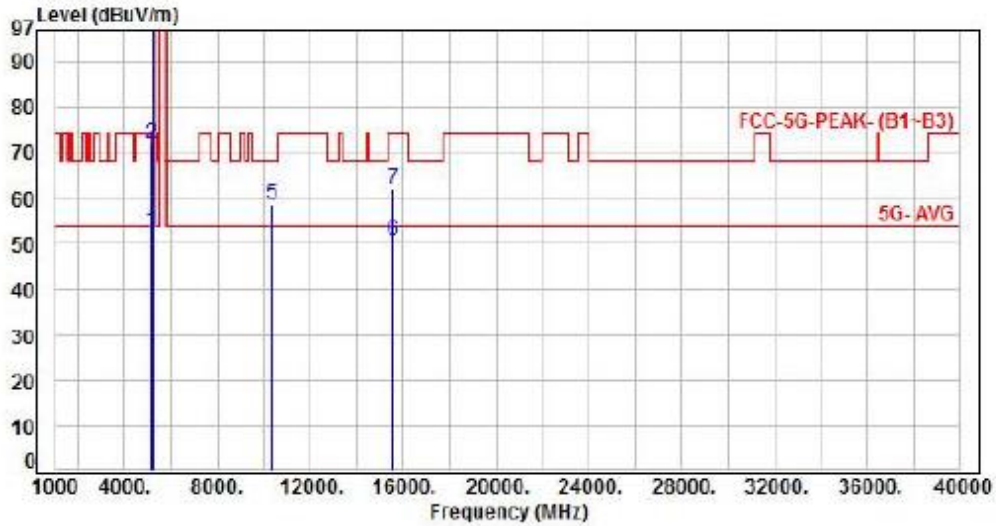


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.42	52.43	54.00	-1.57	Average	100	6	P
2	5150.00	6.01	61.32	67.33	74.00	-6.67	Peak	100	6	P
3	5180.00	6.03	97.42	103.45	200.00	-96.55	Average	100	6	P
4	5180.00	6.03	110.66	116.69	200.00	-83.31	Peak	100	6	P
5	10360.00	13.23	43.97	57.20	68.20	-11.00	Peak	100	59	P
6	15540.00	16.03	34.26	50.29	54.00	-3.71	Average	100	348	P
7	15540.00	16.03	46.81	62.84	74.00	-11.16	Peak	100	348	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 1, CH36		:	

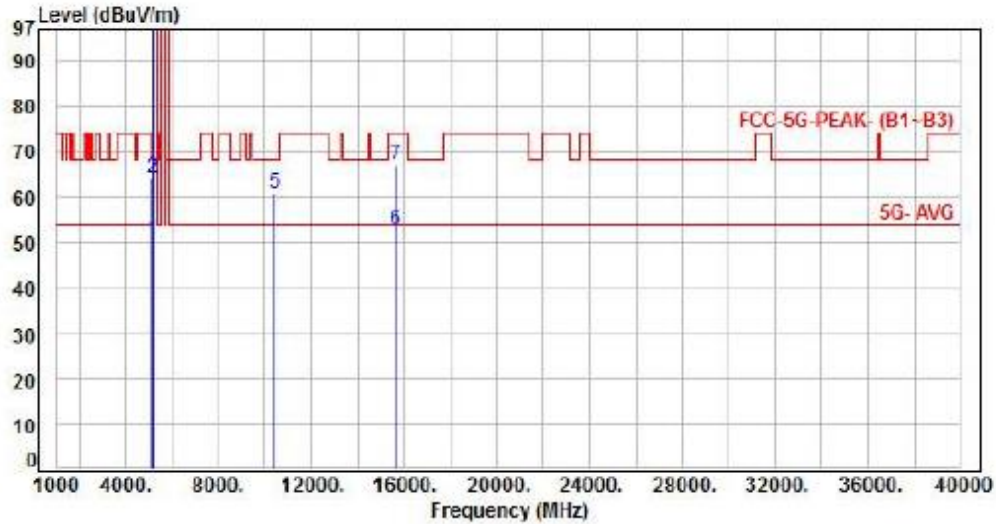


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.82	52.83	54.00	-1.17	Average	100	11	P
2	5150.00	6.01	66.04	72.05	74.00	-1.95	Peak	100	11	P
3	5180.00	6.03	97.69	103.72	200.00	-96.28	Average	100	11	P
4	5180.00	6.03	110.98	117.01	200.00	-82.99	Peak	100	11	P
5	10360.00	13.23	45.34	58.57	68.20	-9.63	Peak	100	159	P
6	15540.00	16.03	34.54	50.57	54.00	-3.43	Average	100	313	P
7	15540.00	16.03	46.09	62.12	74.00	-11.88	Peak	100	313	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 1, CH40		:	

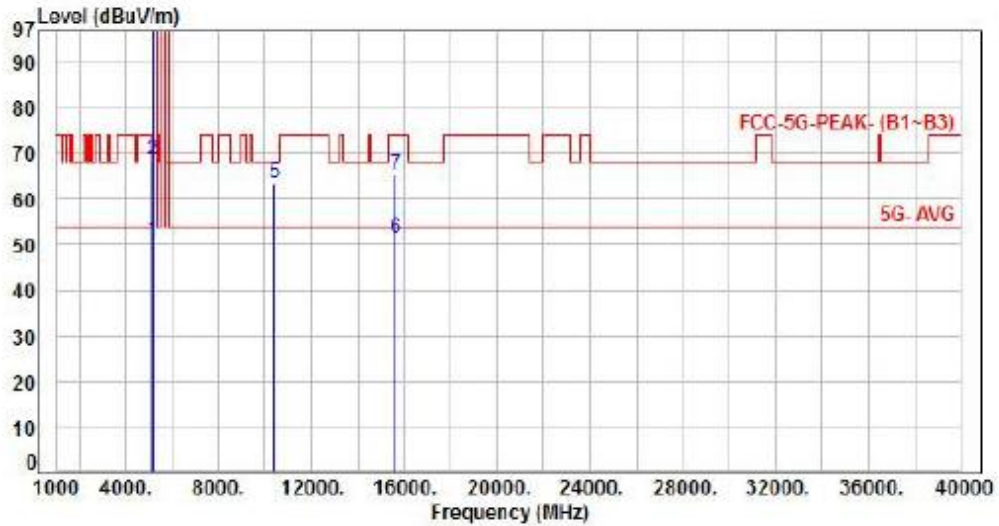


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	44.54	50.55	54.00	-3.45	Average	105	8	P
2	5150.00	6.01	58.10	64.11	74.00	-9.89	Peak	105	8	P
3	5200.00	6.04	100.12	106.16	200.00	-93.84	Average	105	8	P
4	5200.00	6.04	112.89	118.93	200.00	-81.07	Peak	105	8	P
5	10400.00	13.27	47.62	60.89	68.20	-7.31	Peak	100	0	P
6	15600.00	15.83	37.03	52.85	54.00	-1.14	Average	100	37	P
7	15600.00	15.83	51.16	66.99	74.00	-7.01	Peak	100	37	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 1, CH40		:	

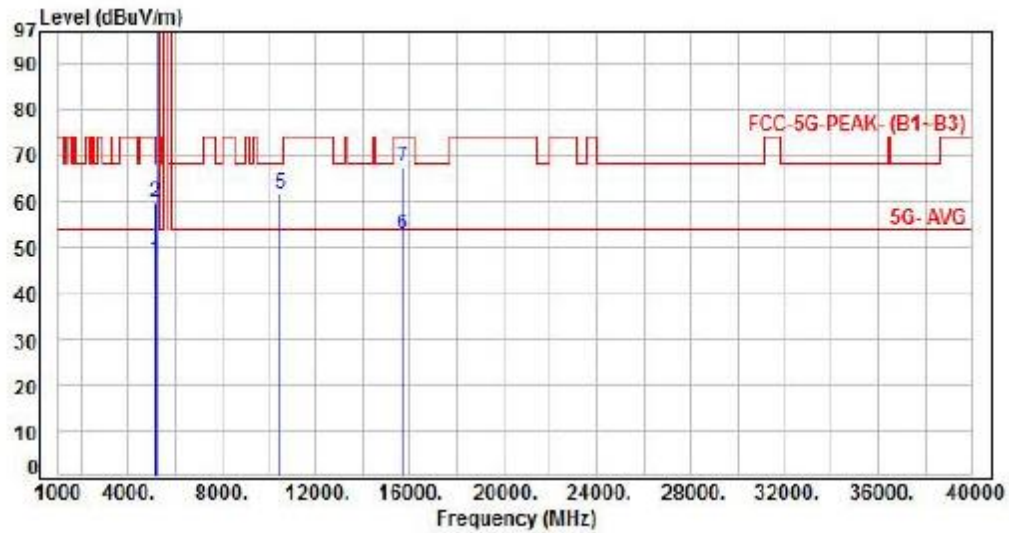


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	45.05	51.06	54.00	-2.94	Average	100	13	P
2	5150.00	6.01	62.66	68.67	74.00	-5.33	Peak	100	13	P
3	5200.00	6.04	100.41	106.45	200.00	-93.55	Average	100	13	P
4	5200.00	6.04	113.12	119.16	200.00	-80.84	Peak	100	13	P
5	10400.00	13.27	50.23	63.50	68.20	-4.70	Peak	100	134	P
6	15600.00	15.83	35.62	51.45	54.00	-2.55	Average	100	118	P
7	15600.00	15.83	49.63	65.46	74.00	-8.54	Peak	100	118	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, Band 1, CH48		:

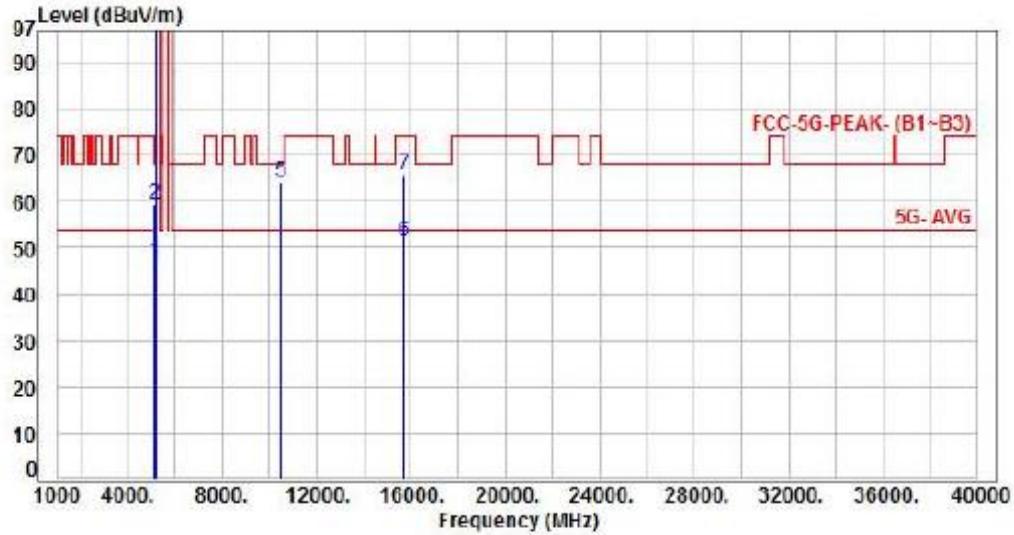


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	41.18	47.19	54.00	-6.81	Average	106	7	P
2	5150.00	6.01	53.61	59.62	74.00	-14.38	Peak	106	7	P
3	5240.00	6.08	100.23	106.31	200.00	-93.69	Average	106	7	P
4	5240.00	6.08	112.95	119.03	200.00	-80.97	Peak	106	7	P
5	10480.00	13.47	48.18	61.65	68.20	-6.55	Peak	100	15	P
6	15720.00	15.32	37.31	52.63	54.00	-1.37	Average	100	39	P
7	15720.00	15.32	52.19	67.51	74.00	-6.49	Peak	100	39	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, Band 1, CH48		:

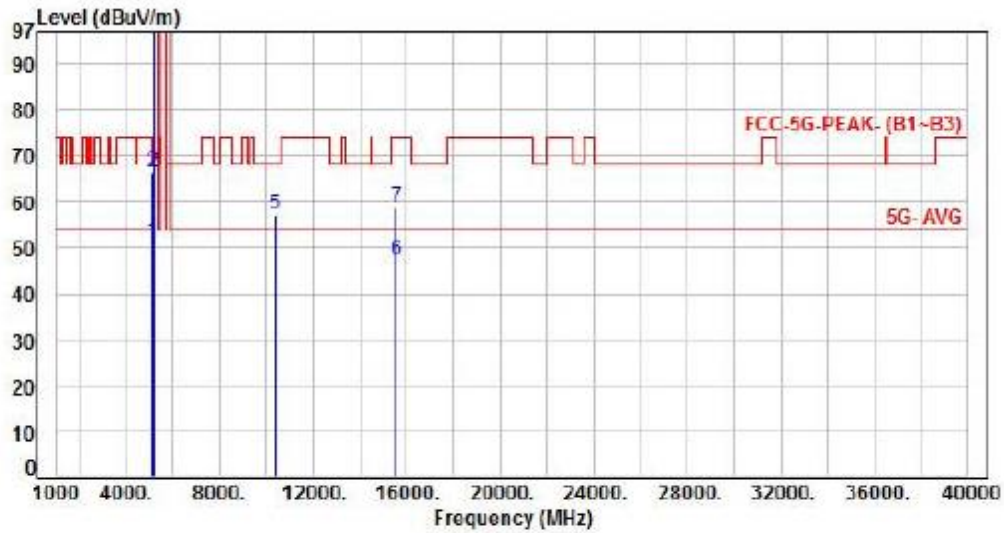


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	40.92	46.93	54.00	-7.07	Average	100	345	P
2	5150.00	6.01	53.37	59.38	74.00	-14.62	Peak	100	345	P
3	5240.00	6.08	100.78	106.86	200.00	-93.14	Average	100	345	P
4	5240.00	6.08	113.59	119.67	200.00	-80.33	Peak	100	345	P
5	10400.00	13.47	50.65	64.12	68.20	-4.08	Peak	100	319	P
6	15720.00	15.32	36.07	51.39	54.00	-2.61	Average	100	176	P
7	15720.00	15.32	50.22	65.54	74.00	-8.46	Peak	100	176	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 1, CH38		:	

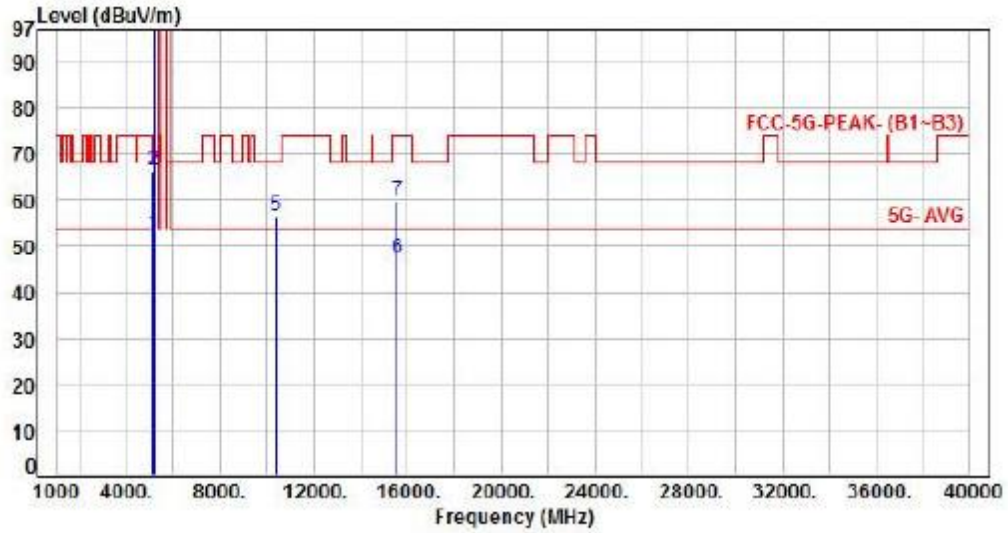


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	45.18	51.19	54.00	-2.81	Average	100	7	P
2	5150.00	6.01	60.49	66.50	74.00	-7.50	Peak	100	7	P
3	5190.00	6.04	90.40	96.44	200.00	-103.56	Average	100	7	P
4	5190.00	6.04	103.01	109.05	200.00	-90.95	Peak	100	7	P
5	10380.00	13.26	43.73	56.99	68.20	-11.21	Peak	100	194	P
6	15570.00	15.93	31.40	47.33	54.00	-6.67	Average	100	49	P
7	15570.00	15.93	42.89	58.82	74.00	-15.18	Peak	100	49	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH38		:	

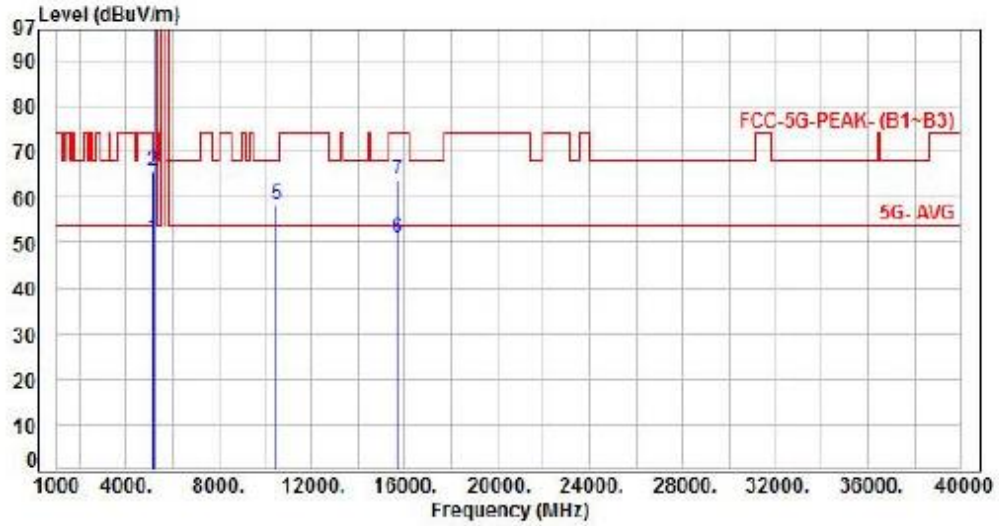


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.54	52.55	54.00	-1.45	Average	100	6	P
2	5150.00	6.01	60.55	66.56	74.00	-7.44	Peak	100	6	P
3	5190.00	6.04	90.76	96.80	200.00	-103.20	Average	100	6	P
4	5190.00	6.04	103.14	109.18	200.00	-90.82	Peak	100	6	P
5	10380.00	13.26	43.25	56.51	68.20	-11.69	Peak	100	262	P
6	15570.00	15.93	31.36	47.29	54.00	-6.71	Average	100	185	P
7	15570.00	15.93	43.72	59.65	74.00	-14.35	Peak	100	185	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 1, CH46		



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	44.97	50.98	54.00	-3.02	Average	100	8	P
2	5150.00	6.01	59.69	65.70	74.00	-8.30	Peak	100	8	P
3	5230.00	6.08	96.48	102.56	200.00	-97.44	Average	100	8	P
4	5230.00	6.08	109.10	115.18	200.00	-84.82	Peak	100	8	P
5	10460.00	13.42	44.72	58.14	68.20	-10.06	Peak	100	354	P
6	15690.00	15.35	35.48	50.83	54.00	-3.17	Average	100	36	P
7	15690.00	15.35	48.57	63.92	74.00	-10.08	Peak	100	36	P

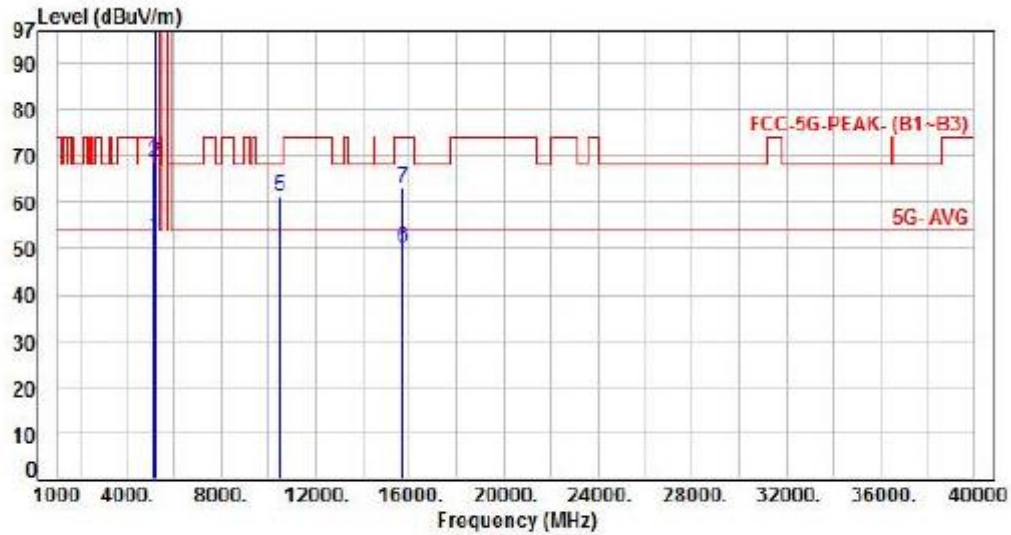
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 1, CH46		:	

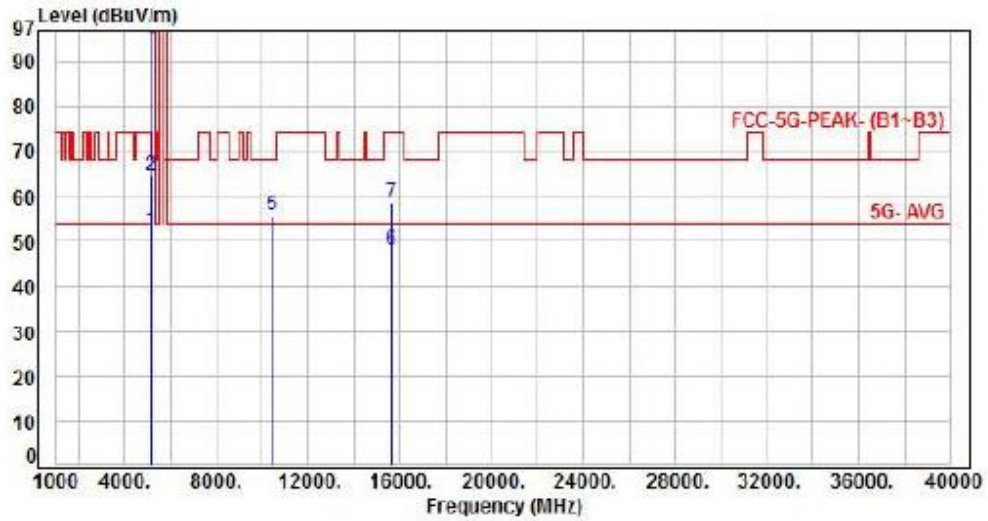


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.35	52.36	54.00	-1.64	Average	100	3	P
2	5150.00	6.01	62.56	68.57	74.00	-5.43	Peak	100	3	P
3	5230.00	6.08	97.32	103.40	200.00	-96.60	Average	100	3	P
4	5230.00	6.08	110.06	116.14	200.00	-83.86	Peak	100	3	P
5	10460.00	13.42	47.87	61.29	68.20	-6.91	Peak	100	135	P
6	15690.00	15.35	34.93	50.28	54.00	-3.72	Average	100	176	P
7	15690.00	15.35	47.68	63.03	74.00	-10.97	Peak	100	176	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 7, Band 1, CH42		:

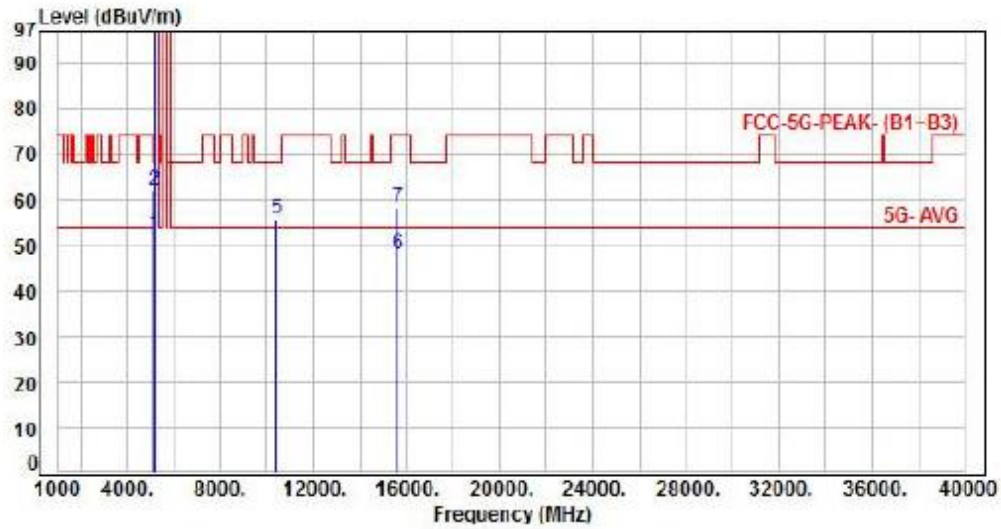


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.48	52.49	54.00	-1.51	Average	100	347	P
2	5150.00	6.01	58.49	64.50	74.00	-9.50	Peak	100	347	P
3	5210.00	6.06	89.28	95.34	200.00	-104.66	Average	100	347	P
4	5210.00	6.06	99.29	105.35	200.00	-94.65	Peak	100	347	P
5	10420.00	13.32	42.49	55.81	68.20	-12.39	Peak	100	33	P
6	15630.00	15.66	32.39	48.05	54.00	-5.95	Average	100	81	P
7	15630.00	15.66	42.81	58.47	74.00	-15.53	Peak	100	81	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 7, Band 1, CH42		:

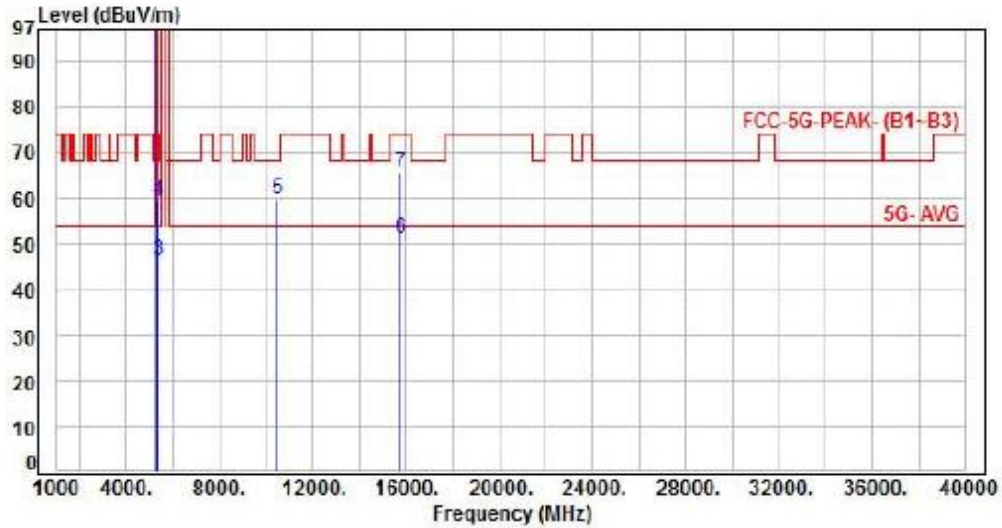


No.	Frequency (MHz)	Factor (dB)	Reading (dEuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.01	46.31	52.32	54.00	-1.68	Average	100	346	P
2	5150.00	6.01	56.03	62.04	74.00	-11.96	Peak	100	346	P
3	5210.00	6.06	89.41	95.47	200.00	-104.53	Average	100	346	P
4	5210.00	6.06	100.41	106.47	200.00	-93.53	Peak	100	346	P
5	10420.00	13.32	42.33	55.65	68.20	-12.55	Peak	100	77	P
6	15630.00	15.66	32.43	48.09	54.00	-5.91	Average	100	94	P
7	15630.00	15.66	42.62	58.28	74.00	-15.72	Peak	100	94	P

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



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

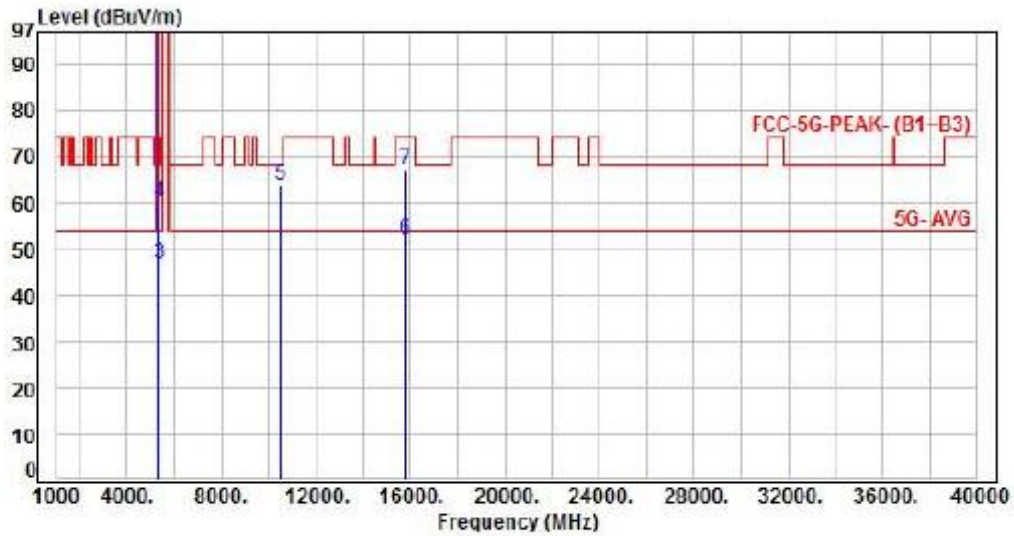


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	100.01	106.13	200.00	-93.87	Average	101	0	P
2	5260.00	6.12	109.74	115.86	200.00	-84.14	Peak	101	0	P
3	5350.00	6.27	40.29	46.56	54.00	-7.44	Average	101	0	P
4	5350.00	6.27	53.09	59.36	74.00	-14.64	Peak	101	0	P
5	10520.00	13.58	46.22	59.80	68.20	-8.40	Peak	108	353	P
6	15780.00	15.41	35.88	51.29	54.00	-2.71	Average	100	34	P
7	15780.00	15.41	50.39	65.80	74.00	-8.20	Peak	100	34	P

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



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

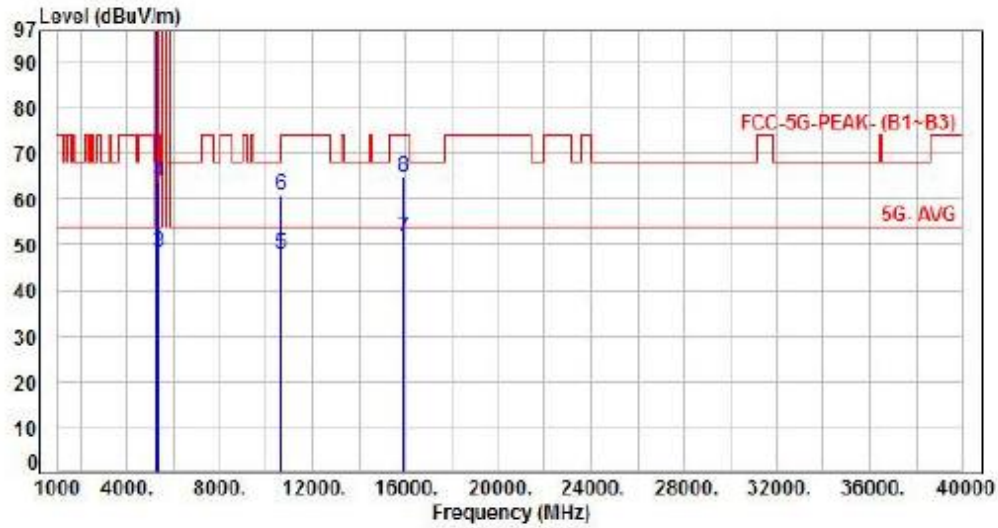


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	101.65	107.77	200.00	-92.23	Average	104	354	P
2	5260.00	6.12	111.17	117.29	200.00	-82.71	Peak	104	354	P
3	5350.00	6.27	40.47	46.74	54.00	-7.26	Average	104	354	P
4	5350.00	6.27	53.88	60.15	74.00	-13.85	Peak	104	354	P
5	10520.00	13.58	50.10	63.68	68.20	-4.52	Peak	100	135	P
6	15780.00	15.41	36.59	52.00	54.00	-2.00	Average	100	116	P
7	15780.00	15.41	51.85	67.26	74.00	-6.74	Peak	100	116	P

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



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

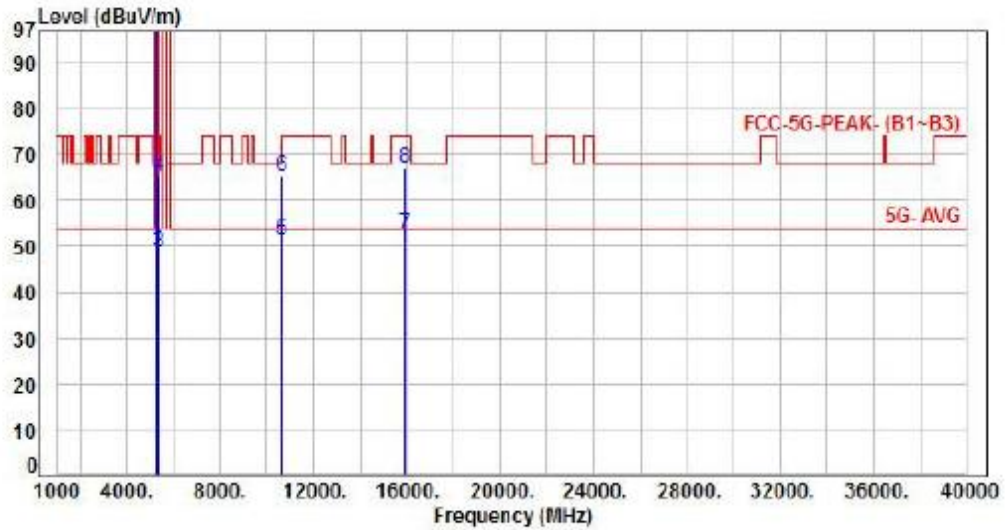


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	100.05	106.29	200.00	-93.71	Average	100	356	P
2	5300.00	6.24	110.00	116.33	200.00	-83.67	Peak	100	356	P
3	5350.00	6.27	42.12	48.39	54.00	-5.61	Average	100	356	P
4	5350.00	6.27	57.69	63.96	74.00	-10.04	Peak	100	356	P
5	10600.00	13.84	34.06	47.90	54.00	-6.10	Average	100	244	P
6	10600.00	13.84	46.99	60.83	74.00	-13.17	Peak	100	244	P
7	15900.00	15.50	36.28	51.78	54.00	-2.22	Average	100	116	P
8	15900.00	15.50	49.58	65.08	74.00	-8.92	Peak	100	116	P

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



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

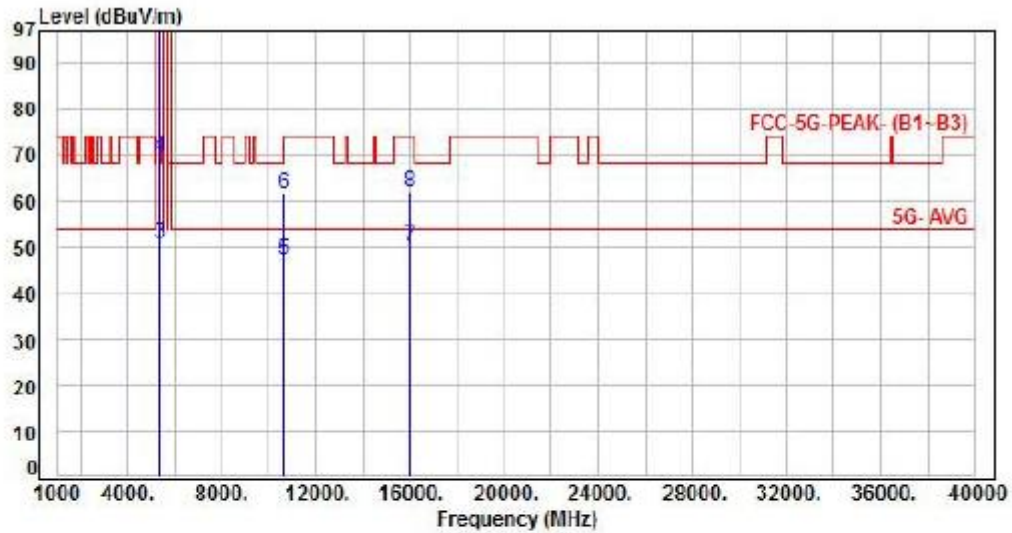


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	101.22	107.46	200.00	-92.54	Average	100	351	P
2	5300.00	6.24	111.18	117.42	200.00	-82.58	Peak	100	351	P
3	5350.00	6.27	42.52	48.79	54.00	-5.21	Average	100	351	P
4	5350.00	6.27	59.00	65.35	74.00	-8.65	Peak	100	351	P
5	10600.00	13.84	37.32	51.16	54.00	-2.84	Average	100	134	P
6	10600.00	13.84	51.47	65.31	74.00	-8.69	Peak	100	134	P
7	15900.00	15.50	37.25	52.75	54.00	-1.25	Average	100	117	P
8	15900.00	15.50	51.78	67.28	74.00	-6.72	Peak	100	117	P

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



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

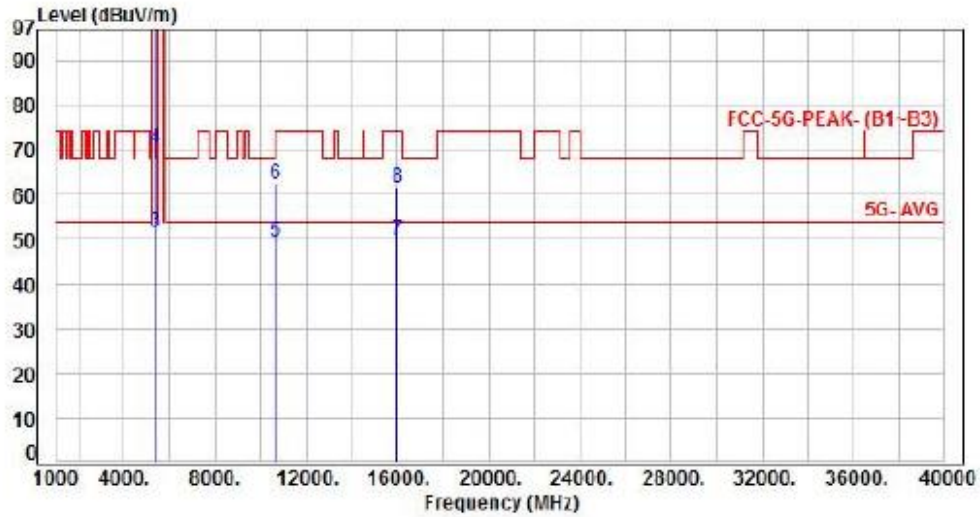


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	97.05	103.30	200.00	-96.70	Average	100	360	P
2	5320.00	6.25	107.03	113.28	200.00	-86.72	Peak	100	360	P
3	5350.00	6.27	44.48	50.75	54.00	-3.25	Average	100	360	P
4	5350.00	6.27	63.35	69.62	74.00	-4.38	Peak	100	360	P
5	10640.00	13.88	33.47	47.35	54.00	-6.65	Average	100	102	P
6	10640.00	13.88	47.60	61.48	74.00	-12.52	Peak	100	102	P
7	15960.00	15.18	35.13	50.31	54.00	-3.69	Average	100	167	P
8	15960.00	15.18	46.95	62.13	74.00	-11.87	Peak	100	167	P

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



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

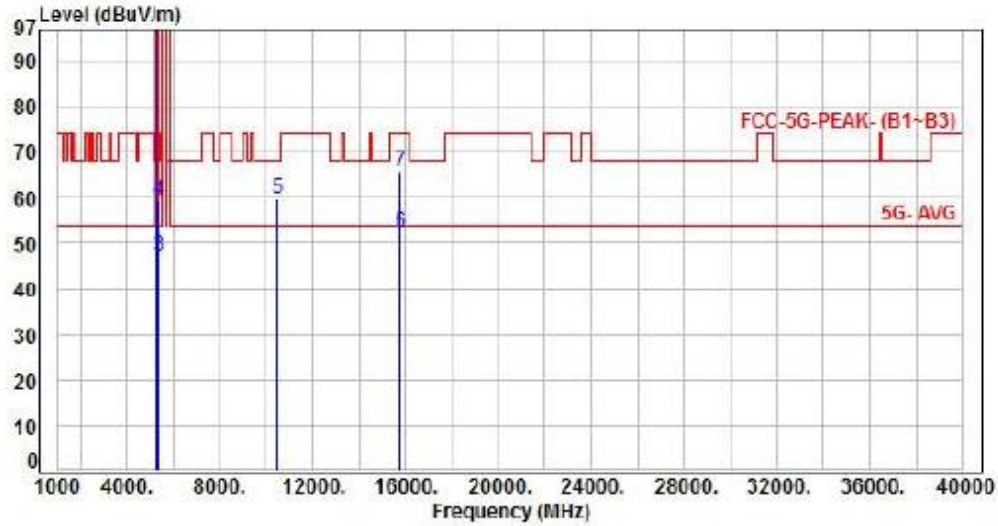


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	98.27	104.52	200.00	-95.48	Average	108	0	P
2	5320.00	6.25	108.70	114.95	200.00	-85.05	Peak	108	0	P
3	5350.00	6.27	45.38	51.65	54.00	-2.35	Average	108	0	P
4	5350.00	6.27	64.30	70.57	74.00	-3.43	Peak	108	0	P
5	10640.00	13.88	35.48	49.36	54.00	-4.64	Average	100	317	P
6	10640.00	13.88	48.38	62.26	74.00	-11.74	Peak	100	317	P
7	15960.00	15.18	34.54	49.72	54.00	-4.28	Average	100	341	P
8	15960.00	15.18	46.42	61.60	74.00	-12.40	Peak	100	341	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 2, CH52		:	

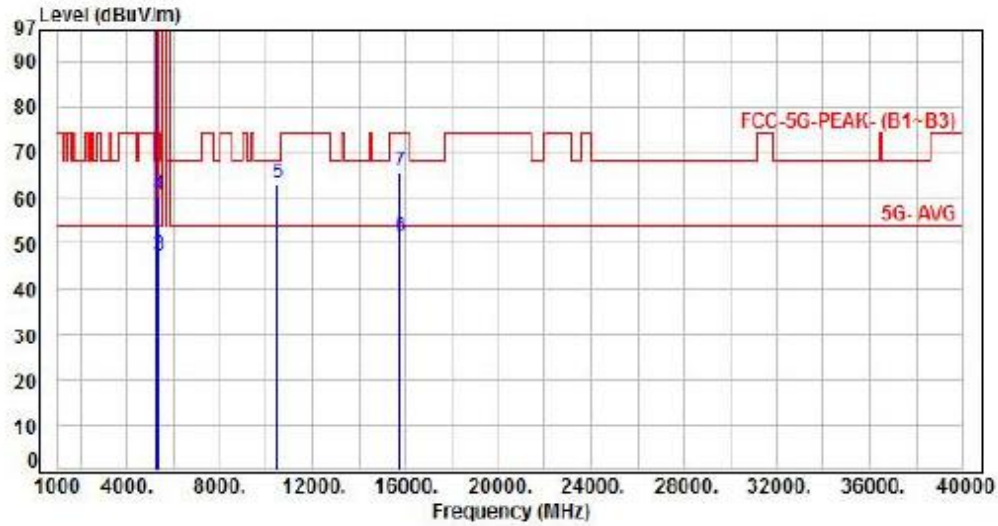


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	100.00	106.12	200.00	-93.88	Average	101	340	P
2	5260.00	6.12	111.90	118.02	200.00	-81.98	Peak	101	340	P
3	5350.00	6.27	40.80	47.16	54.00	-6.84	Average	101	340	P
4	5350.00	6.27	53.15	59.42	74.00	-14.58	Peak	101	340	P
5	10520.00	13.58	46.05	59.63	68.20	-8.57	Peak	100	355	P
6	15780.00	15.41	36.98	52.39	54.00	-1.61	Average	100	34	P
7	15780.00	15.41	50.06	65.47	74.00	-8.53	Peak	100	34	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 2, CH52		:	



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.12	100.73	106.85	200.00	-93.15	Average	100	353	P
2	5260.00	6.12	112.78	118.90	200.00	-81.10	Peak	100	353	P
3	5350.00	6.27	40.99	47.26	54.00	-6.74	Average	100	353	P
4	5350.00	6.27	54.27	60.54	74.00	-13.46	Peak	100	353	P
5	10520.00	13.58	49.44	63.02	68.20	-5.18	Peak	100	133	P
6	15780.00	15.41	35.95	51.36	54.00	-2.64	Average	100	176	P
7	15780.00	15.41	50.39	65.80	74.00	-8.20	Peak	100	176	P

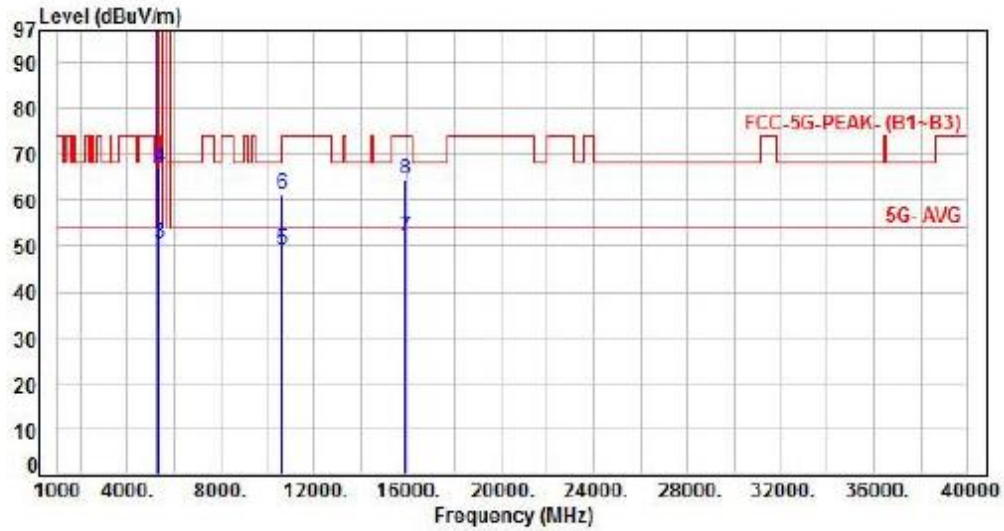
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 2, CH60		:	

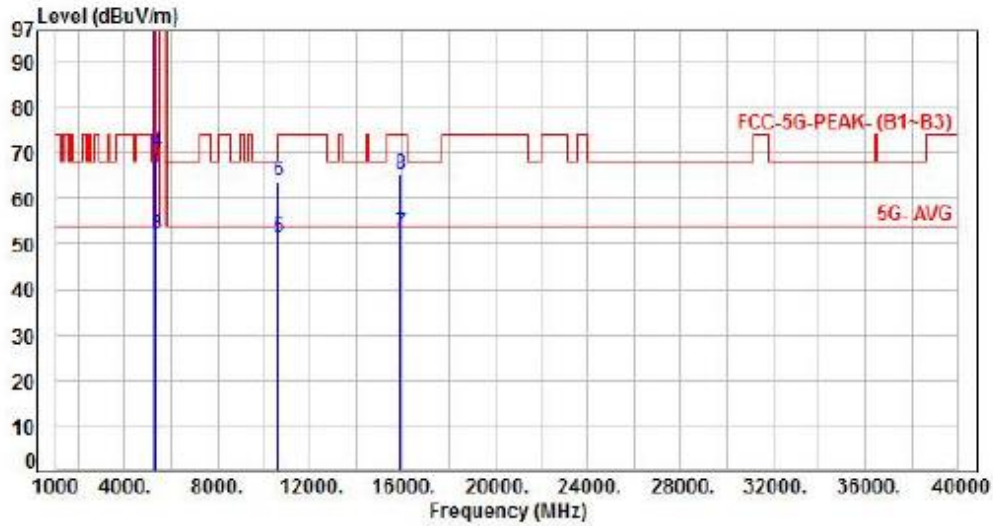


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	100.04	106.28	200.00	-93.72	Average	100	331	P
2	5300.00	6.24	112.04	118.28	200.00	-81.72	Peak	100	331	P
3	5350.00	6.27	44.12	50.39	54.00	-3.61	Average	100	331	P
4	5350.00	6.27	61.00	67.27	74.00	-6.73	Peak	100	331	P
5	10600.00	13.84	35.09	48.93	54.00	-5.07	Average	106	356	P
6	10600.00	13.84	47.54	61.38	74.00	-12.62	Peak	106	356	P
7	15900.00	15.50	36.41	51.91	54.00	-2.09	Average	100	34	P
8	15900.00	15.50	49.10	64.60	74.00	-9.40	Peak	100	34	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 2, CH60		:	

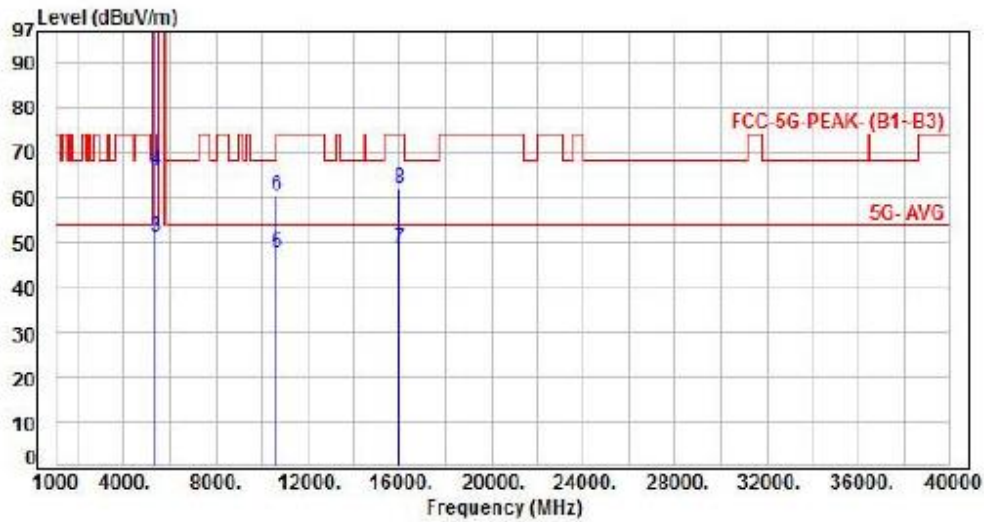


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	6.24	100.82	107.06	200.00	-92.94	Average	110	349	P
2	5300.00	6.24	112.82	119.06	200.00	-80.94	Peak	110	349	P
3	5350.00	6.27	45.91	52.18	54.00	-1.82	Average	110	349	P
4	5350.00	6.27	63.90	70.17	74.00	-3.83	Peak	110	349	P
5	10600.00	13.84	37.33	51.17	54.00	-2.83	Average	100	135	P
6	10600.00	13.84	49.78	63.62	74.00	-10.38	Peak	100	135	P
7	15900.00	15.50	36.71	52.21	54.00	-1.79	Average	100	128	P
8	15900.00	15.50	49.76	65.26	74.00	-8.74	Peak	100	128	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 2, CH64		:	

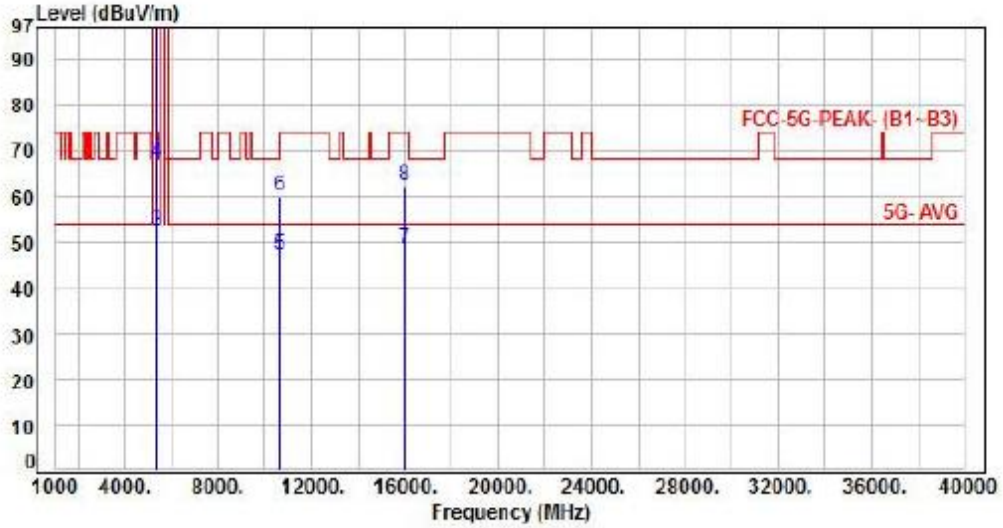


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	96.34	102.59	200.00	-97.41	Average	100	340	P
2	5320.00	6.25	108.37	114.62	200.00	-85.38	Peak	100	340	P
3	5350.00	6.27	45.05	51.32	54.00	-2.68	Average	100	340	P
4	5350.00	6.27	59.74	66.01	74.00	-7.99	Peak	100	340	P
5	10640.00	13.88	33.59	47.47	54.00	-6.53	Average	100	102	P
6	10640.00	13.88	46.62	60.50	74.00	-13.50	Peak	100	102	P
7	15960.00	15.18	33.34	48.52	54.00	-5.48	Average	100	113	P
8	15960.00	15.18	46.70	61.88	74.00	-12.12	Peak	100	113	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 2, CH64		:	

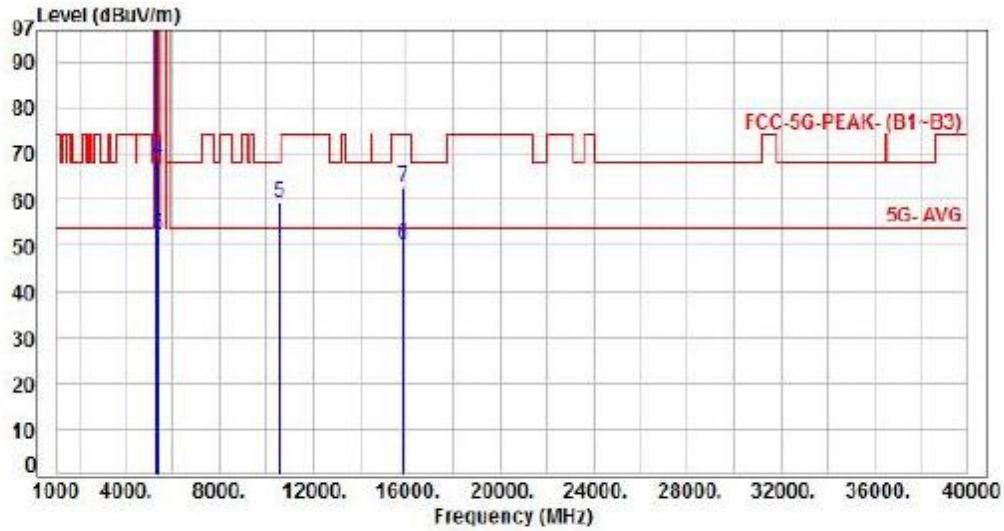


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	6.25	97.10	103.35	200.00	-96.65	Average	100	352	P
2	5320.00	6.25	109.12	115.37	200.00	-84.63	Peak	100	352	P
3	5350.00	6.27	46.11	52.38	54.00	-1.62	Average	100	352	P
4	5350.00	6.27	61.39	67.66	74.00	-6.34	Peak	100	352	P
5	10640.00	13.88	33.32	47.20	54.00	-6.80	Average	100	314	P
6	10640.00	13.88	46.16	60.04	74.00	-13.96	Peak	100	314	P
7	15960.00	15.18	33.67	48.85	54.00	-5.15	Average	100	289	P
8	15960.00	15.18	47.00	62.18	74.00	-11.82	Peak	100	289	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH54		:	

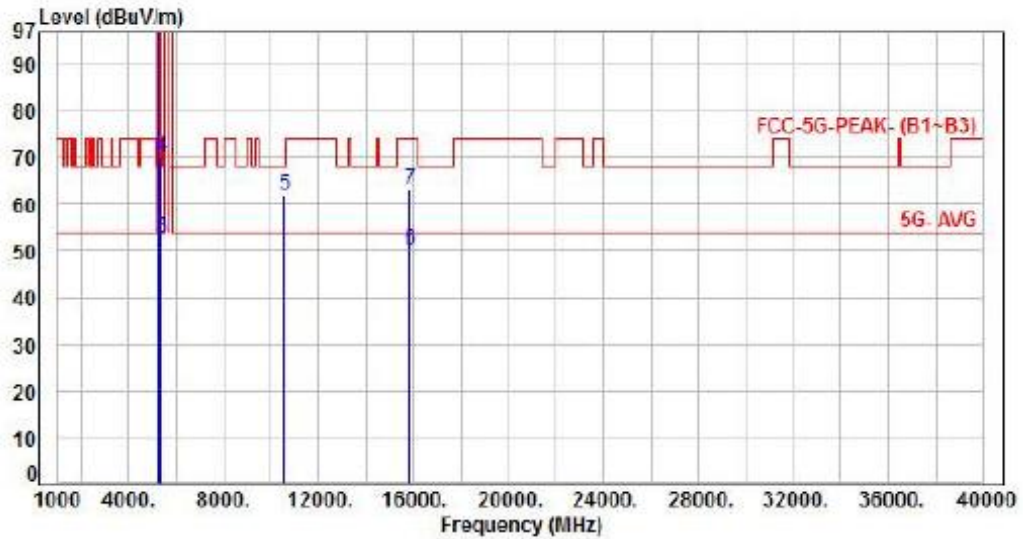


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	6.14	96.99	103.13	200.00	-96.87	Average	109	339	P
2	5270.00	6.14	109.40	115.54	200.00	-84.46	Peak	109	339	P
3	5350.00	6.27	46.16	52.43	54.00	-1.57	Average	109	339	P
4	5350.00	6.27	62.20	68.47	74.00	-5.53	Peak	109	339	P
5	10540.00	13.64	45.57	59.21	68.20	-8.99	Peak	100	355	P
6	15810.00	15.44	34.74	50.18	54.00	-3.82	Average	100	116	P
7	15810.00	15.44	47.12	62.56	74.00	-11.44	Peak	100	116	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 2, CH54		:	

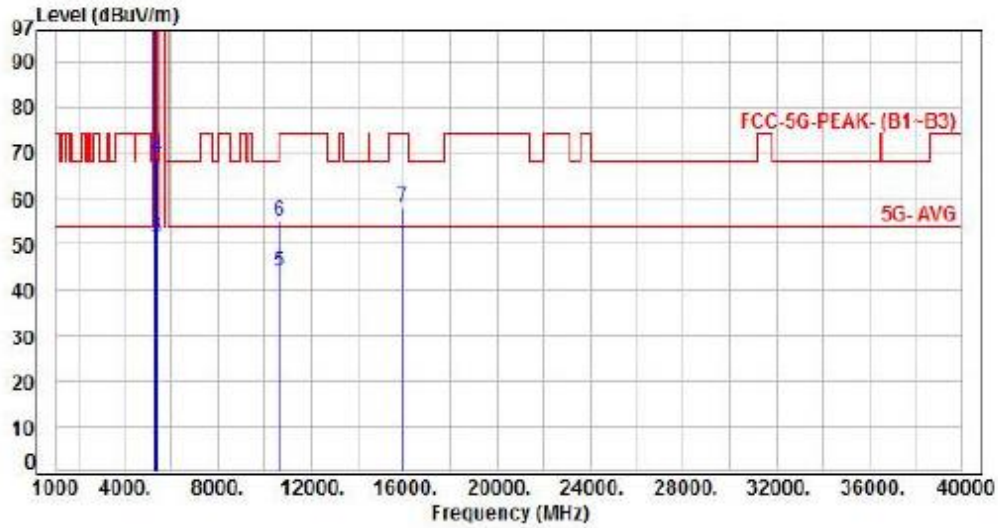


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	6.14	97.79	103.93	200.00	-96.07	Average	100	351	P
2	5270.00	6.14	110.03	116.17	200.00	-83.83	Peak	100	351	P
3	5350.00	6.27	46.47	52.74	54.00	-1.26	Average	100	351	P
4	5350.00	6.27	63.86	70.13	74.00	-3.87	Peak	100	351	P
5	10540.00	13.64	48.48	62.12	68.20	-6.08	Peak	100	136	P
6	15810.00	15.44	34.64	50.08	54.00	-3.92	Average	100	181	P
7	15810.00	15.44	47.77	63.21	74.00	-10.79	Peak	100	181	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 2, CH62		:	

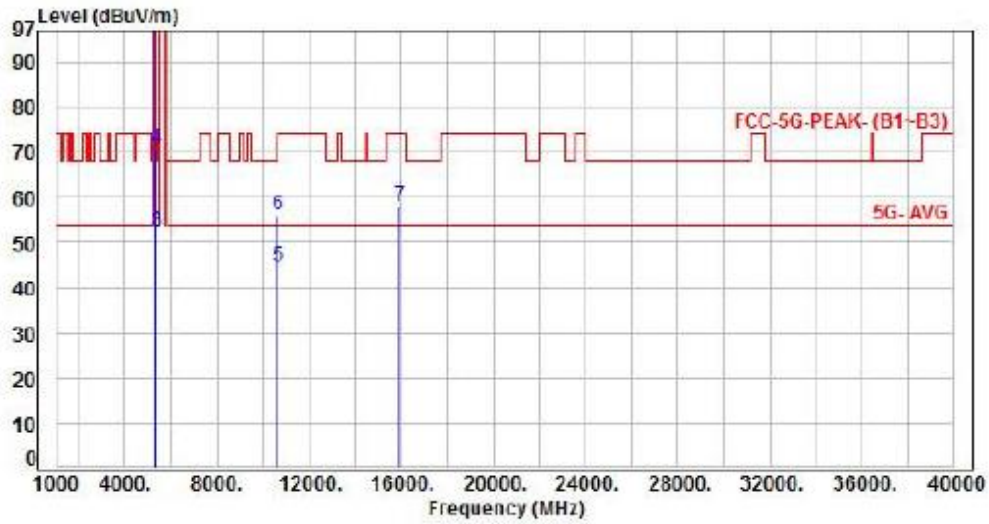


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	6.24	90.18	96.42	200.00	-103.58	Average	100	341	P
2	5310.00	6.24	103.25	109.49	200.00	-90.51	Peak	100	341	P
3	5350.00	6.27	45.10	51.37	54.00	-2.63	Average	100	341	P
4	5350.00	6.27	62.58	68.85	74.00	-5.15	Peak	100	341	P
5	10620.00	13.86	29.98	43.84	54.00	-10.16	Average	100	257	P
6	10620.00	13.86	41.13	54.99	74.00	-19.01	Peak	100	257	P
7	15930.00	15.34	42.70	58.04	74.00	-15.96	Peak	100	331	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 2, CH62		:

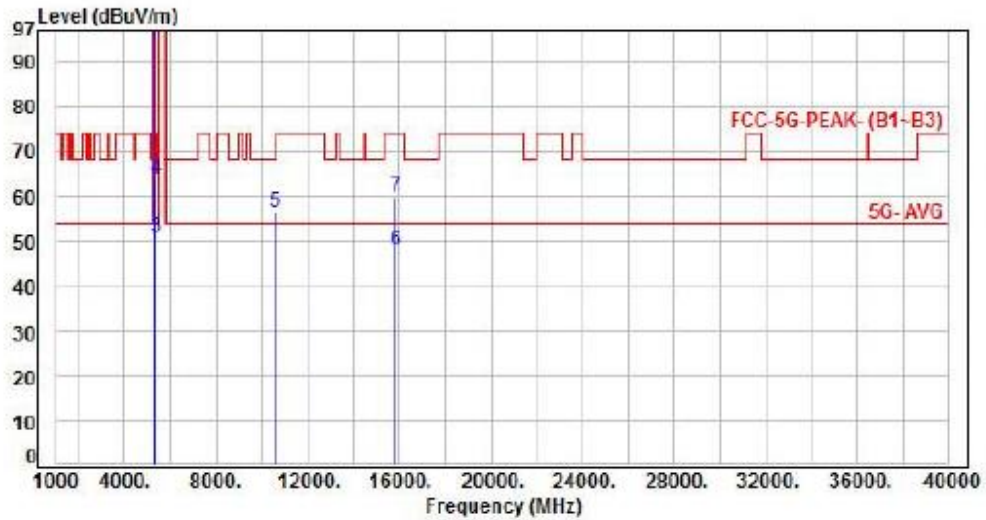


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	6.24	91.18	97.42	200.00	-102.58	Average	101	350	P
2	5310.00	6.24	104.06	110.30	200.00	-89.70	Peak	101	350	P
3	5350.00	6.27	46.16	52.43	54.00	-1.57	Average	101	350	P
4	5350.00	6.27	64.41	70.68	74.00	-3.32	Peak	101	350	P
5	10620.00	13.86	30.90	44.76	54.00	-9.24	Average	100	319	P
6	10620.00	13.86	42.35	56.21	74.00	-17.79	Peak	100	319	P
7	15930.00	15.34	42.50	57.84	74.00	-16.16	Peak	100	189	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 7, Band 2, CH58		:

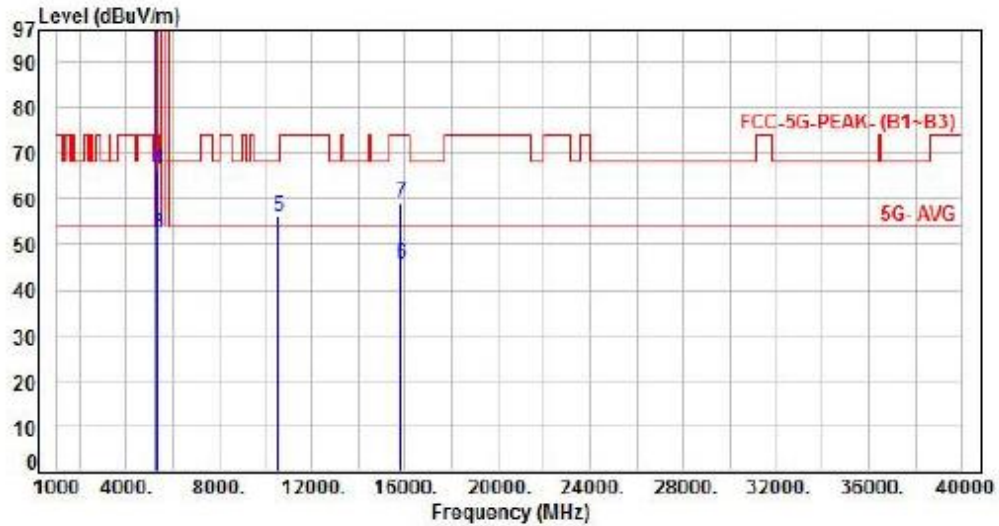


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	6.20	88.22	94.42	200.00	-105.58	Average	100	360	P
2	5290.00	6.20	98.18	104.38	200.00	-95.62	Peak	100	360	P
3	5350.00	6.27	44.63	50.90	54.00	-3.10	Average	100	360	P
4	5350.00	6.27	57.41	63.68	74.00	-10.32	Peak	100	360	P
5	10580.00	13.76	42.69	56.45	68.20	-11.75	Peak	100	286	P
6	15870.00	15.49	32.32	47.81	54.00	-6.19	Average	100	277	P
7	15870.00	15.49	44.22	59.71	74.00	-14.29	Peak	100	277	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 2, CH58		:	

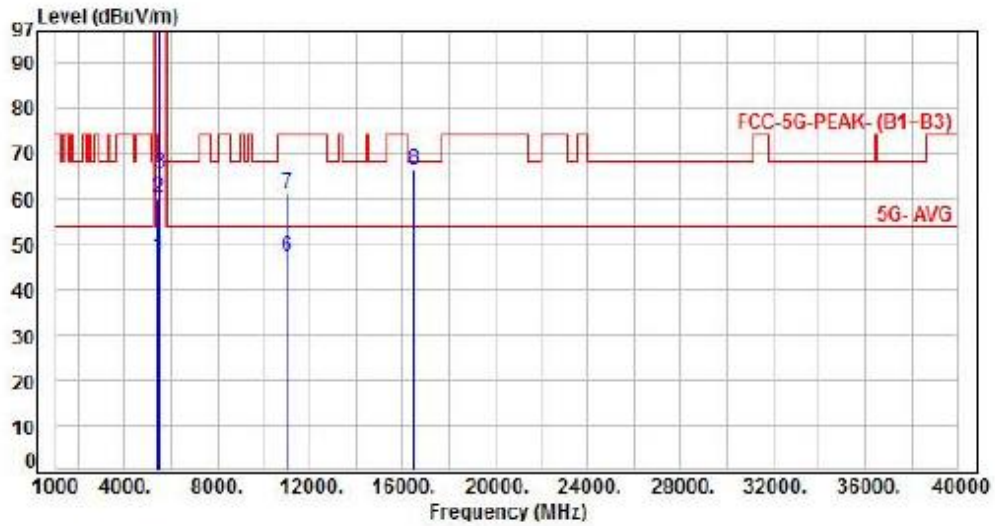


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	6.20	89.01	95.21	200.00	-104.79	Average	100	347	P
2	5290.00	6.20	100.04	106.24	200.00	-93.76	Peak	100	347	P
3	5350.00	6.27	46.17	52.44	54.00	-1.56	Average	100	347	P
4	5350.00	6.27	60.02	66.29	74.00	-7.71	Peak	100	347	P
5	10580.00	13.76	42.16	55.92	68.20	-12.28	Peak	100	306	P
6	15870.00	15.49	30.41	45.90	54.00	-8.10	Average	100	262	P
7	15870.00	15.49	43.65	59.14	74.00	-14.86	Peak	100	262	P

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



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

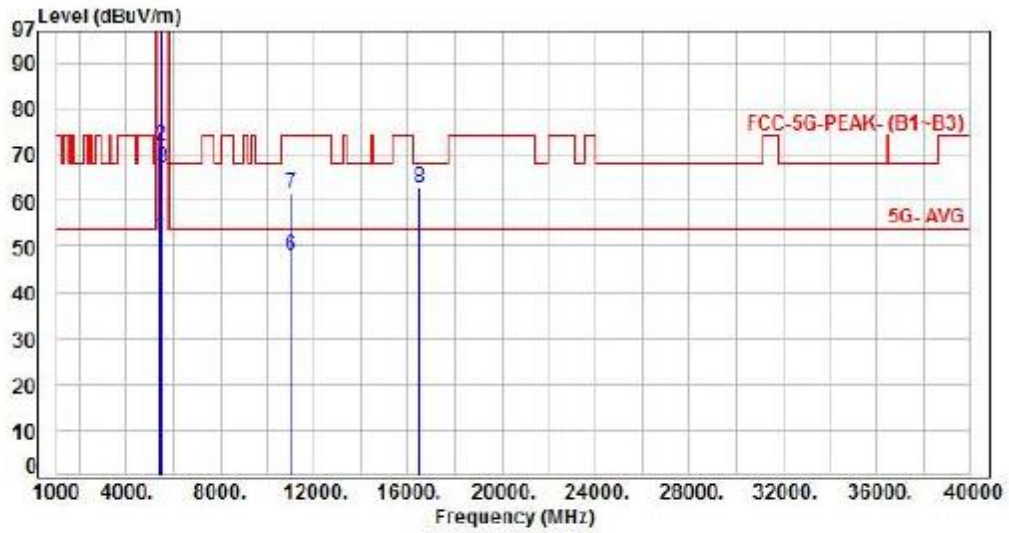


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	40.69	47.36	54.00	-6.64	Average	114	25	P
2	5460.00	6.67	53.48	60.15	74.00	-13.85	Peak	114	25	P
3	5470.00	6.68	59.05	65.73	68.20	-2.47	Peak	114	25	P
4	5500.00	6.70	92.67	99.37	200.00	-100.63	Average	114	25	P
5	5500.00	6.70	103.05	109.75	200.00	-90.25	Peak	114	25	P
6	11000.00	14.28	33.11	47.39	54.00	-6.61	Average	100	315	P
7	11000.00	14.28	46.94	61.22	74.00	-12.78	Peak	100	315	P
8	16500.00	16.53	49.68	66.21	68.20	-1.99	Peak	100	11	P

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



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

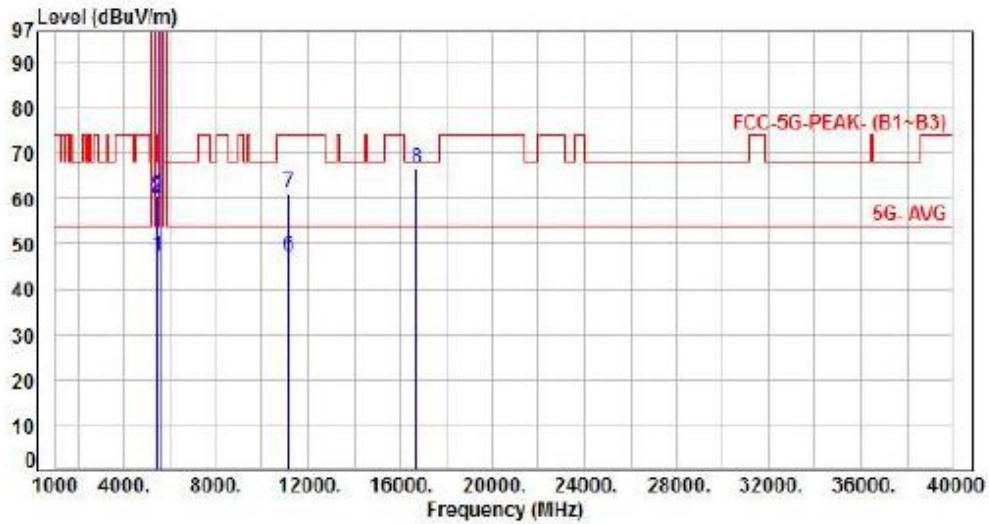


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	45.59	52.26	54.00	-1.74	Average	100	359	P
2	5460.00	6.67	65.09	71.76	74.00	-2.24	Peak	100	359	P
3	5470.00	6.68	60.47	67.15	68.20	-1.05	Peak	100	359	P
4	5500.00	6.70	100.67	107.37	200.00	-92.63	Average	100	359	P
5	5500.00	6.70	110.81	117.51	200.00	-82.49	Peak	100	359	P
6	11000.00	14.28	33.49	47.77	54.00	-6.23	Average	100	135	P
7	11000.00	14.28	47.43	61.71	74.00	-12.29	Peak	100	135	P
8	16500.00	16.53	46.33	62.86	68.20	-5.34	Peak	100	164	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, Band 3, CH116		:

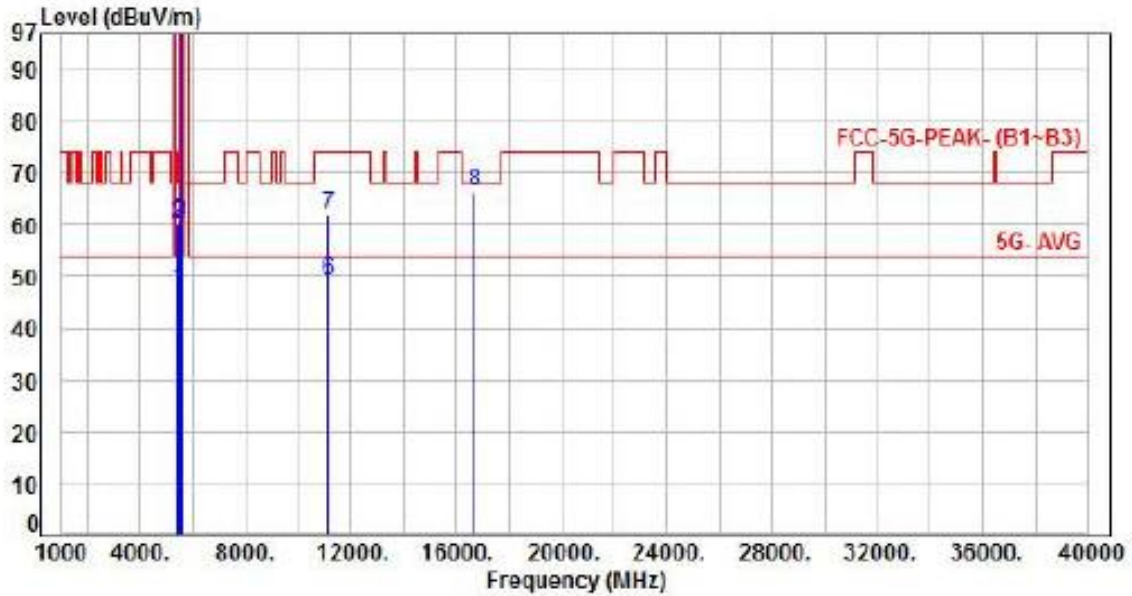


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	40.58	47.25	54.00	-6.75	Average	107	28	P
2	5460.00	6.67	53.59	60.25	74.00	-13.74	Peak	107	28	P
3	5460.00	6.67	53.78	60.45	74.00	-13.55	Peak	107	28	P
4	5580.00	6.64	93.63	100.27	200.00	-99.73	Average	107	28	P
5	5580.00	6.64	104.42	111.06	200.00	-88.94	Peak	107	28	P
6	11160.00	14.49	32.90	47.39	54.00	-6.61	Average	104	325	P
7	11160.00	14.49	46.74	61.23	74.00	-12.77	Peak	104	325	P
8	16740.00	18.07	48.76	66.83	68.20	-1.37	Peak	100	66	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 1, Band 3, CH116		:	

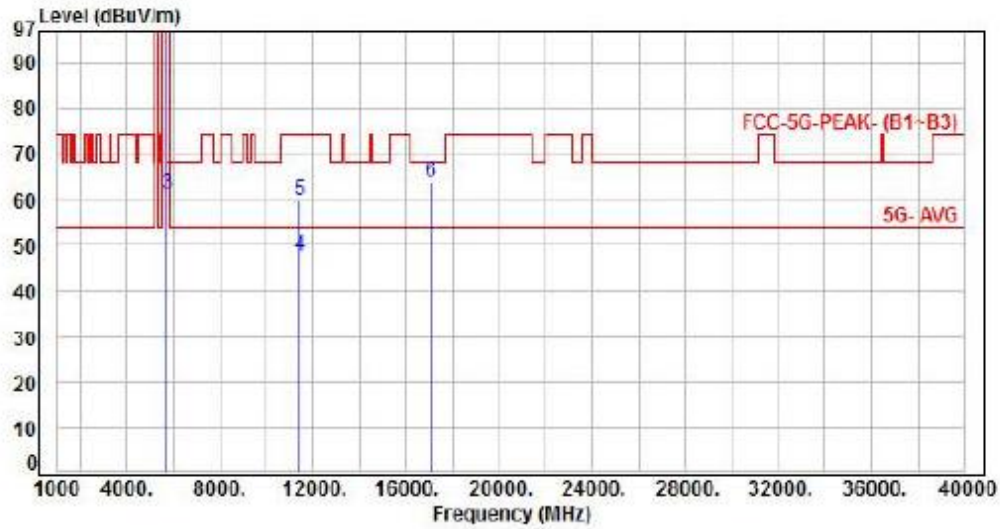


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	40.55	47.22	54.00	-6.78	Average	100	353	P
2	5460.00	6.67	53.40	60.07	74.00	-13.93	Peak	100	353	P
3	5470.00	6.68	53.93	60.61	68.20	-7.59	Peak	100	353	P
4	5580.00	6.64	98.81	105.45	200.00	-94.55	Average	100	353	P
5	5580.00	6.64	108.60	115.24	200.00	-84.76	Peak	100	353	P
6	11160.00	14.49	34.42	48.91	54.00	-5.09	Average	100	88	P
7	11160.00	14.49	47.54	62.03	74.00	-11.97	Peak	100	88	P
8	16740.00	18.07	48.19	66.26	68.20	-1.94	Peak	100	69	P

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



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

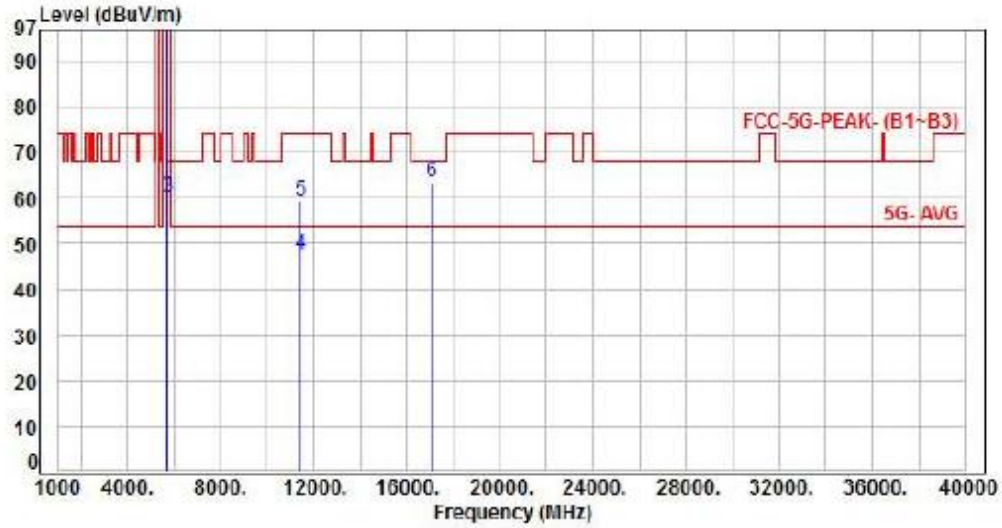


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	6.56	91.84	98.40	200.00	-101.60	Average	100	43	P
2	5700.00	6.56	102.39	108.95	200.00	-91.05	Peak	100	43	P
3	5725.00	6.63	54.68	61.31	68.20	-6.89	Peak	100	43	P
4	11400.00	14.84	32.78	47.62	54.00	-6.38	Average	100	319	P
5	11400.00	14.84	45.08	59.92	74.00	-14.08	Peak	100	319	P
6	17100.00	20.11	43.66	63.77	68.20	-4.43	Peak	100	244	P

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



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



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	6.56	89.96	96.52	200.00	-103.48	Average	102	36	P
2	5700.00	6.56	100.06	106.62	200.00	-93.38	Peak	102	36	P
3	5725.00	6.63	53.38	60.01	68.20	-8.19	Peak	102	36	P
4	11400.00	14.84	32.56	47.40	54.00	-6.60	Average	100	311	P
5	11400.00	14.84	44.66	59.50	74.00	-14.50	Peak	100	311	P
6	17100.00	20.11	43.27	63.38	68.20	-4.82	Peak	100	133	P

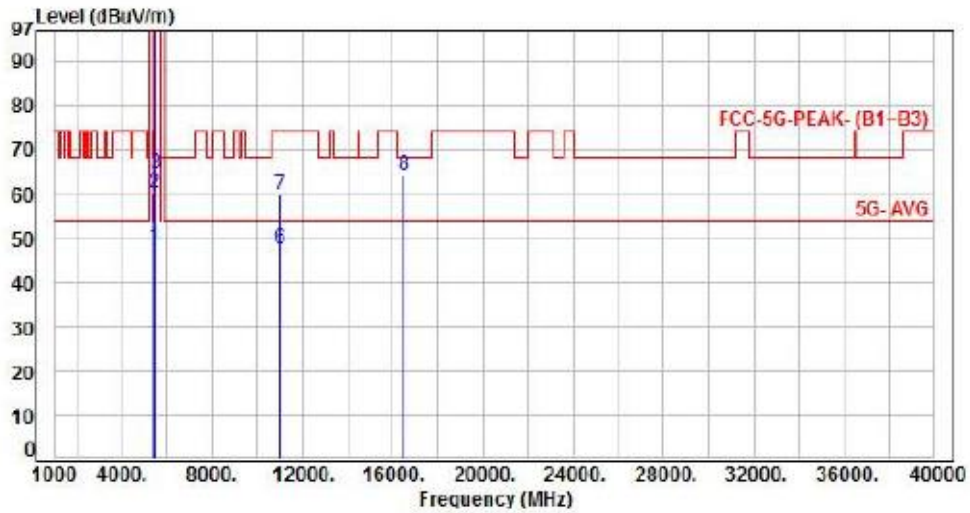
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH100		:	

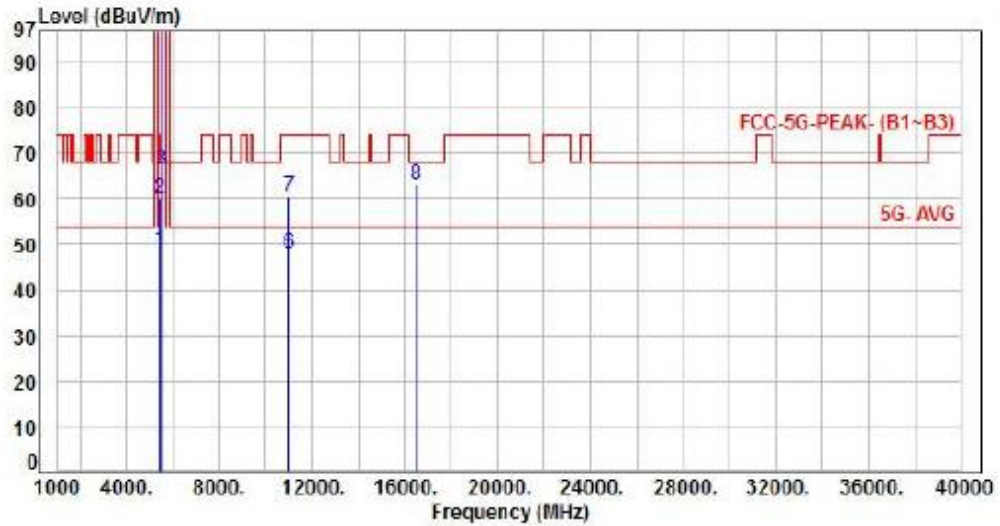


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.11	47.78	54.00	-6.22	Average	115	10	P
2	5460.00	6.67	53.54	60.21	74.00	-13.79	Peak	115	10	P
3	5470.00	6.68	57.94	64.62	68.20	-3.58	Peak	115	10	P
4	5500.00	6.70	92.87	99.57	200.00	-100.43	Average	115	10	P
5	5500.00	6.70	104.67	111.37	200.00	-88.63	Peak	115	10	P
6	11000.00	14.28	33.23	47.51	54.00	-6.49	Average	100	312	P
7	11000.00	14.28	45.48	59.76	74.00	-14.24	Peak	100	312	P
8	16500.00	16.53	47.71	64.24	68.20	-3.96	Peak	100	10	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH100		:	

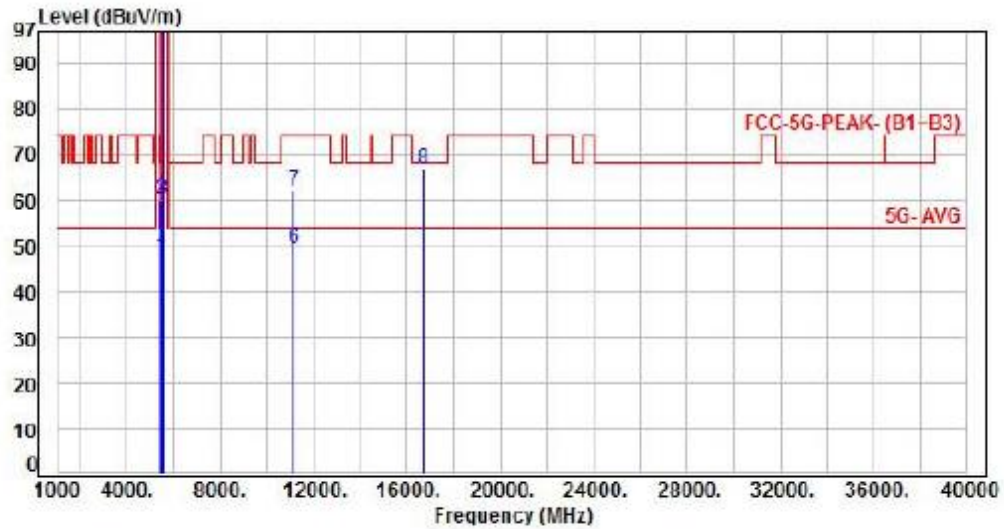


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	42.14	48.81	54.00	-5.19	Average	100	12	P
2	5460.00	6.67	53.57	60.24	74.00	-13.76	Peak	100	12	P
3	5470.00	6.68	59.87	66.55	68.20	-1.65	Peak	100	12	P
4	5500.00	6.70	96.47	103.17	200.00	-96.83	Average	100	12	P
5	5500.00	6.70	106.48	115.18	200.00	-84.82	Peak	100	12	P
6	11000.00	14.28	33.58	47.86	54.00	-6.14	Average	100	131	P
7	11000.00	14.28	46.23	60.51	74.00	-13.49	Peak	100	131	P
8	16500.00	16.53	46.68	63.21	68.20	-4.99	Peak	100	158	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH116		:	

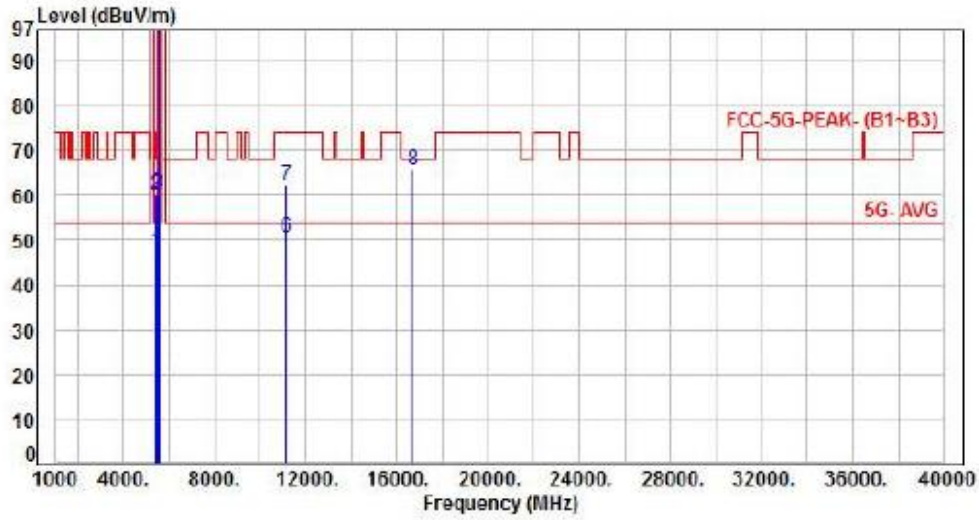


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	40.93	47.60	54.00	-6.40	Average	100	13	P
2	5460.00	6.67	53.58	60.25	74.00	-13.75	Peak	100	13	P
3	5470.00	6.68	53.50	60.18	68.20	-8.02	Peak	100	13	P
4	5580.00	6.64	93.53	100.17	200.00	-99.83	Average	100	13	P
5	5580.00	6.64	105.85	112.49	200.00	-87.51	Peak	100	13	P
6	11160.00	14.49	34.89	49.38	54.00	-4.62	Average	100	317	P
7	11160.00	14.49	47.45	61.94	74.00	-12.06	Peak	100	317	P
8	16740.00	18.07	48.52	66.59	68.20	-1.61	Peak	100	171	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH116		:	

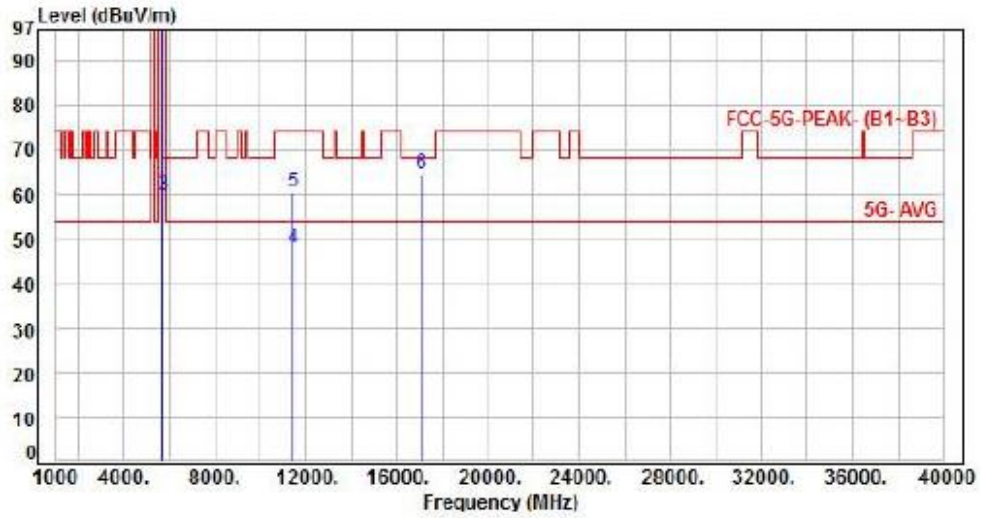


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5450.00	6.67	40.91	47.58	54.00	-6.42	Average	100	9	P
2	5450.00	6.67	53.40	60.07	74.00	-13.93	Peak	100	9	P
3	5470.00	6.68	53.78	60.46	68.20	-7.74	Peak	100	9	P
4	5500.00	6.64	99.75	106.39	200.00	-93.61	Average	100	9	P
5	5500.00	6.64	111.76	118.40	200.00	-81.60	Peak	100	9	P
6	11150.00	14.49	35.91	50.40	54.00	-3.60	Average	100	88	P
7	11150.00	14.49	47.67	62.16	74.00	-11.84	Peak	100	88	P
8	16740.00	18.07	47.54	65.61	68.20	-2.59	Peak	100	70	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 5, Band 3, CH140		:	

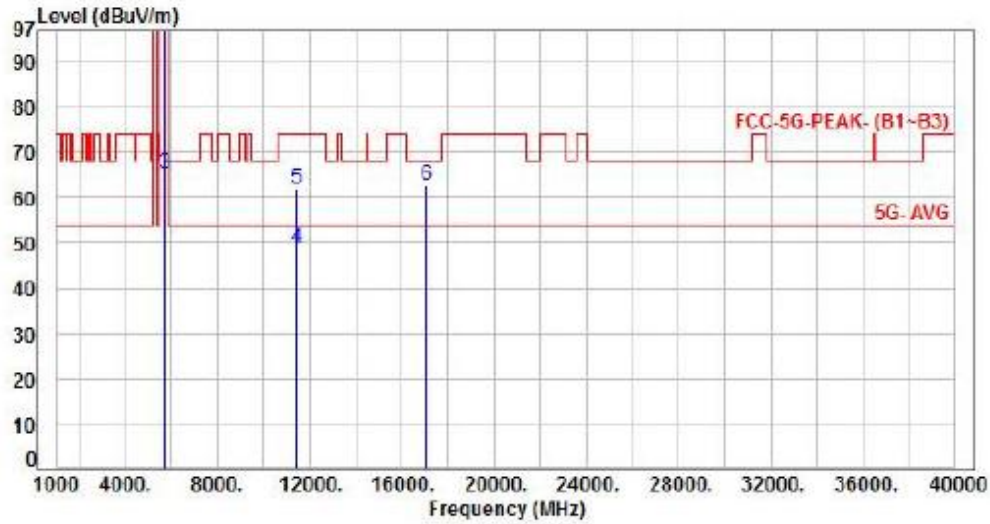


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	6.56	88.79	95.35	200.00	-104.65	Average	100	34	P
2	5700.00	6.56	100.72	107.28	200.00	-92.72	Peak	100	34	P
3	5725.00	6.63	53.16	59.79	68.20	-8.41	Peak	100	34	P
4	11400.00	14.84	33.14	47.98	54.00	-6.02	Average	100	317	P
5	11400.00	14.84	45.74	60.58	74.00	-13.42	Peak	100	317	P
6	17100.00	20.11	44.34	64.45	68.20	-3.75	Peak	100	64	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 5, Band 3, CH140		:	

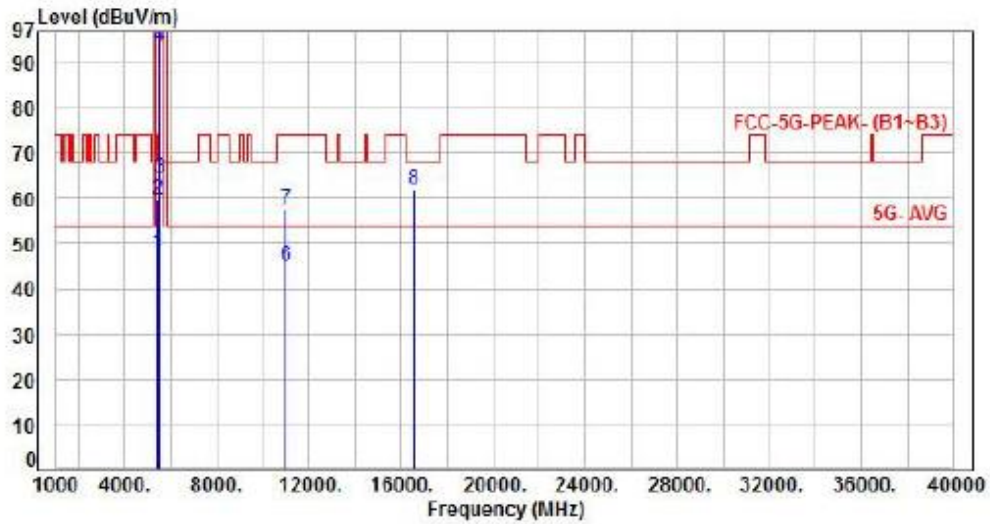


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	6.56	94.98	101.54	200.00	-98.46	Average	100	17	P
2	5700.00	6.56	107.15	113.71	200.00	-86.29	Peak	100	17	P
3	5725.00	6.63	58.65	65.28	68.20	-2.92	Peak	100	17	P
4	11400.00	14.84	33.81	48.65	54.00	-5.35	Average	100	309	P
5	11400.00	14.84	47.23	62.07	74.00	-11.93	Peak	100	309	P
6	17100.00	20.11	42.60	62.71	68.20	-5.49	Peak	100	110	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH102		:	

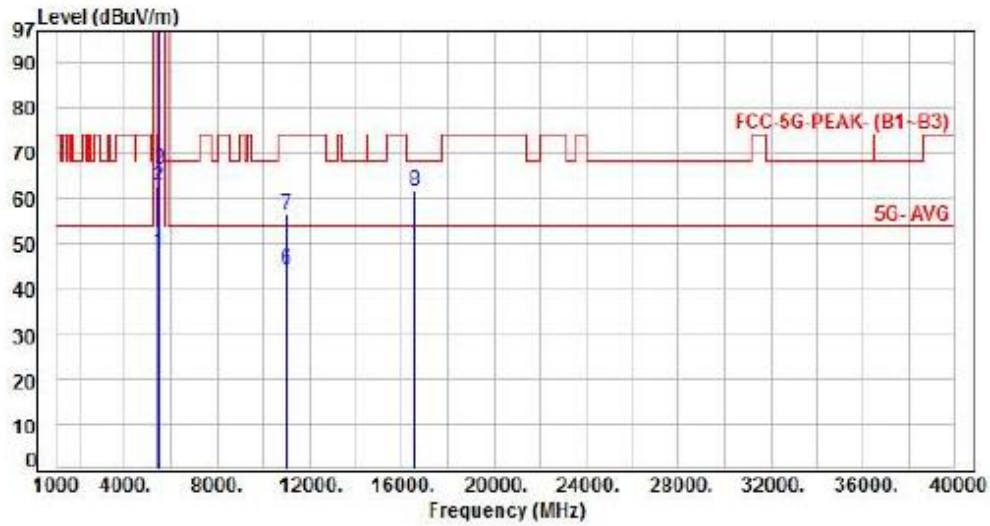


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.28	47.95	54.00	-6.05	Average	100	18	P
2	5460.00	6.67	53.21	59.88	74.00	-14.12	Peak	100	18	P
3	5470.00	6.68	58.03	64.71	68.20	-3.49	Peak	100	18	P
4	5510.00	6.71	87.12	93.83	200.00	-106.17	Average	100	18	P
5	5510.00	6.71	100.29	107.00	200.00	-93.00	Peak	100	18	P
6	11020.00	14.31	30.55	44.86	54.00	-9.14	Average	100	316	P
7	11020.00	14.31	43.24	57.55	74.00	-16.45	Peak	100	316	P
8	16530.00	16.84	45.12	61.96	68.20	-6.24	Peak	100	287	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH102		:	

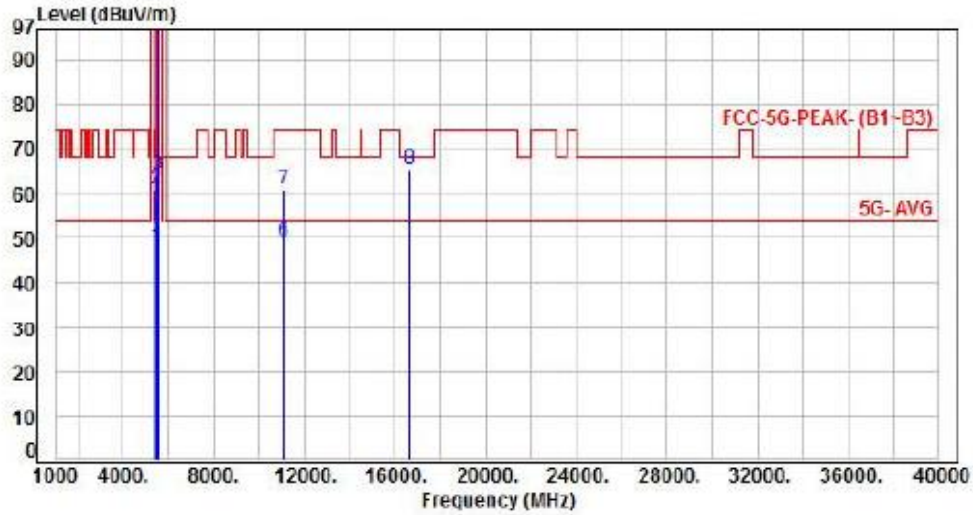


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.43	48.10	54.00	-5.90	Average	100	13	P
2	5460.00	6.67	56.03	62.70	74.00	-11.30	Peak	100	13	P
3	5470.00	6.68	59.85	66.53	68.20	-1.67	Peak	100	13	P
4	5510.00	6.71	90.93	97.64	200.00	-102.36	Average	100	13	P
5	5510.00	6.71	103.28	109.99	200.00	-90.01	Peak	100	13	P
6	11020.00	14.31	29.87	44.18	54.00	-9.82	Average	100	84	P
7	11020.00	14.31	42.00	56.31	74.00	-17.69	Peak	100	84	P
8	16530.00	16.84	44.86	61.70	68.20	-6.50	Peak	100	266	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 6, Band 3, CH110		:	

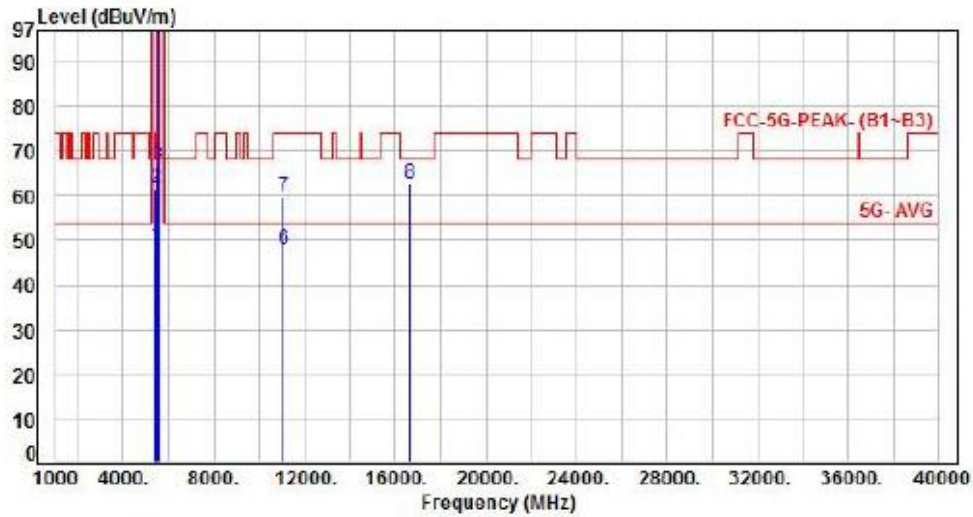


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.14	47.81	54.00	-6.19	Average	100	20	P
2	5460.00	6.67	54.10	60.77	74.00	-13.23	Peak	100	20	P
3	5470.00	6.68	57.31	63.99	68.20	-4.21	Peak	100	20	P
4	5550.00	6.74	90.72	97.46	200.00	-102.54	Average	100	20	P
5	5550.00	6.74	102.61	109.35	200.00	-90.65	Peak	100	20	P
6	11100.00	14.45	34.46	48.91	54.00	-5.09	Average	100	315	P
7	11100.00	14.45	46.48	60.93	74.00	-13.07	Peak	100	315	P
8	16650.00	17.64	47.62	65.26	68.20	-2.94	Peak	100	164	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 6, Band 3, CH110		:	

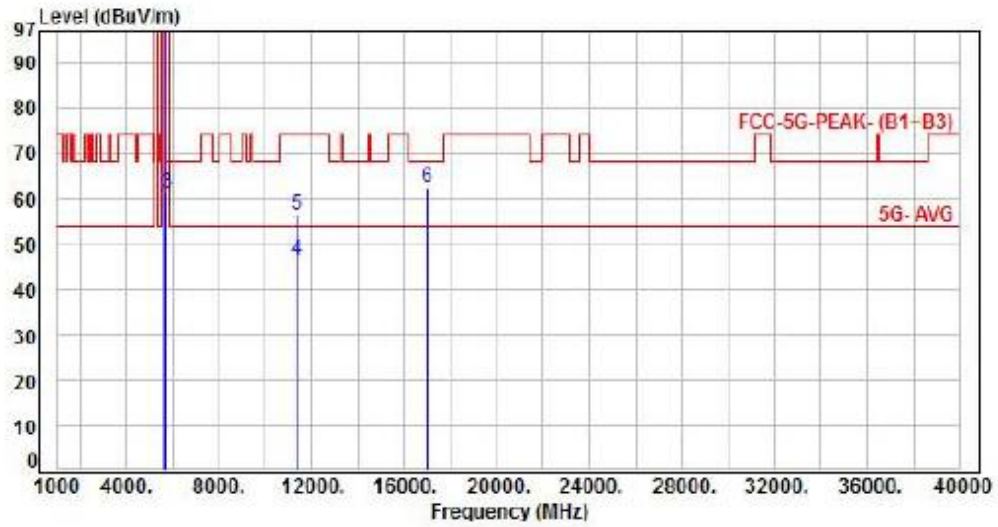


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	41.89	48.56	54.00	-5.44	Average	100	15	P
2	5460.00	6.67	55.10	61.77	74.00	-12.23	Peak	100	15	P
3	5470.00	6.68	60.09	66.77	68.20	-1.43	Peak	100	15	P
4	5550.00	6.74	95.63	102.37	200.00	-97.63	Average	100	15	P
5	5550.00	6.74	108.31	115.05	200.00	-84.95	Peak	100	15	P
6	11100.00	14.45	33.41	47.86	54.00	-6.14	Average	100	89	P
7	11100.00	14.45	45.45	59.90	74.00	-14.10	Peak	100	89	P
8	16650.00	17.64	45.10	62.74	68.20	-5.46	Peak	100	159	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, Band 3, CH134		

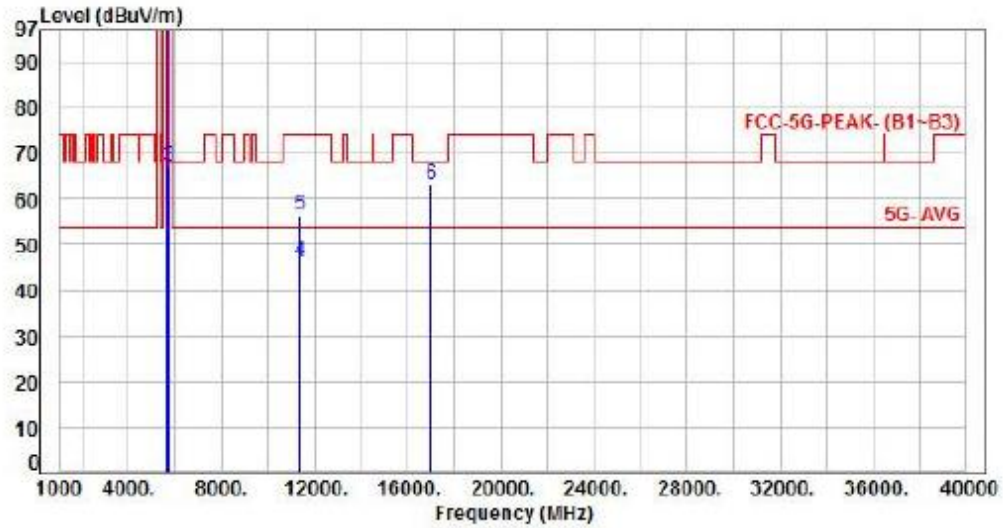


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	6.53	89.61	96.14	200.00	-103.86	Average	100	30	P
2	5670.00	6.53	102.87	109.40	200.00	-90.60	Peak	100	30	P
3	5725.00	6.63	54.67	61.30	68.20	-6.90	Peak	100	30	P
4	11340.00	14.68	31.81	46.49	54.00	-7.51	Average	100	318	P
5	11340.00	14.68	41.62	56.30	74.00	-17.70	Peak	100	318	P
6	17010.00	19.98	42.27	62.25	68.20	-5.95	Peak	100	144	P

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



Power	: From System (AC 120V / 60Hz)	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, Band 3, CH134		:

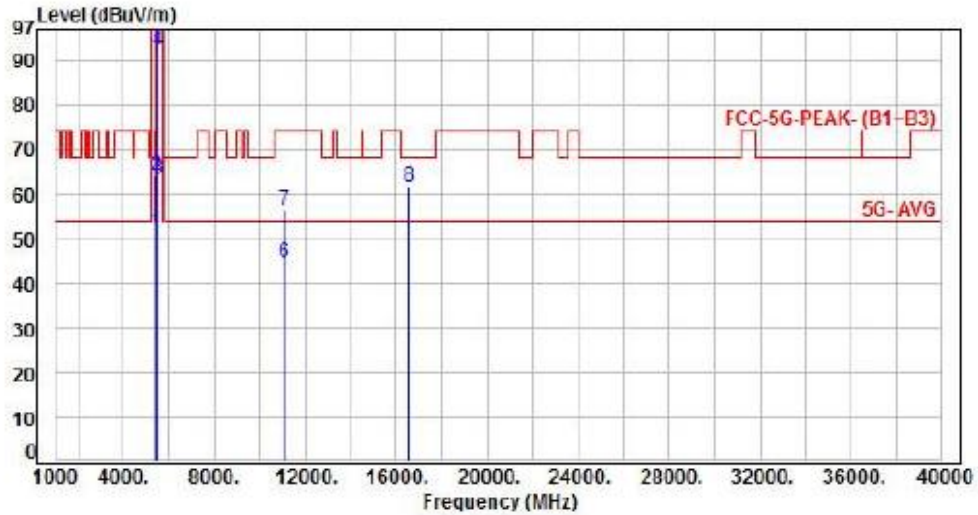


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	6.53	94.07	100.60	200.00	-99.40	Average	100	21	P
2	5670.00	6.53	107.13	113.66	200.00	-86.34	Peak	100	21	P
3	5725.00	6.63	60.46	67.09	68.20	-1.11	Peak	100	21	P
4	11340.00	14.68	31.56	46.24	54.00	-7.76	Average	100	121	P
5	11340.00	14.68	41.75	56.43	74.00	-17.57	Peak	100	121	P
6	17010.00	19.98	42.98	62.96	68.20	-5.24	Peak	100	194	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 3, CH106		:	

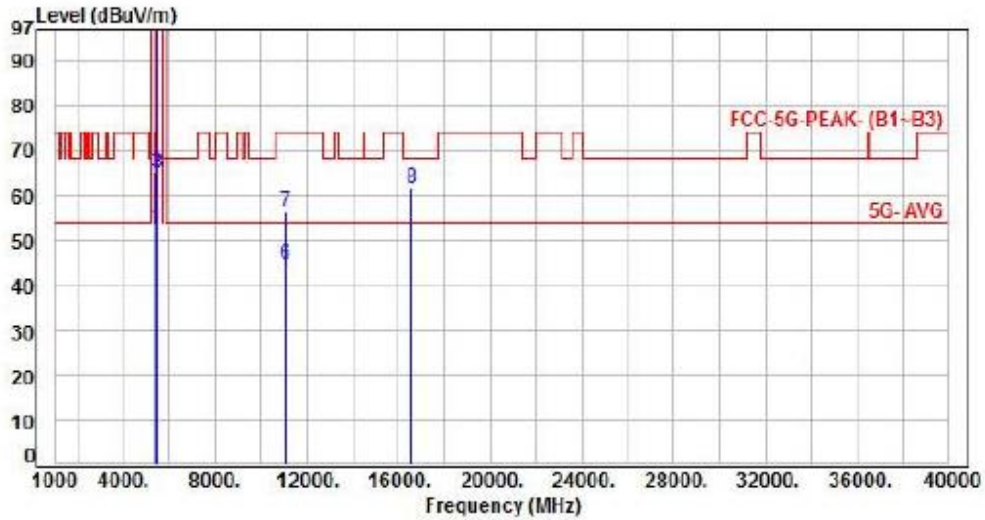


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	45.09	51.76	54.00	-2.24	Average	100	14	P
2	5460.00	6.67	57.38	64.05	74.00	-9.95	Peak	100	14	P
3	5470.00	6.68	56.63	63.31	68.20	-4.89	Peak	100	14	P
4	5530.00	6.72	85.49	92.21	200.00	-107.79	Average	100	14	P
5	5530.00	6.72	95.66	102.38	200.00	-97.62	Peak	100	14	P
6	11060.00	14.38	30.43	44.81	54.00	-9.19	Average	100	291	P
7	11060.00	14.38	42.02	56.40	74.00	-17.60	Peak	100	331	P
8	16590.00	17.43	44.32	61.75	68.20	-6.45	Peak	100	358	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 3, CH106		:	

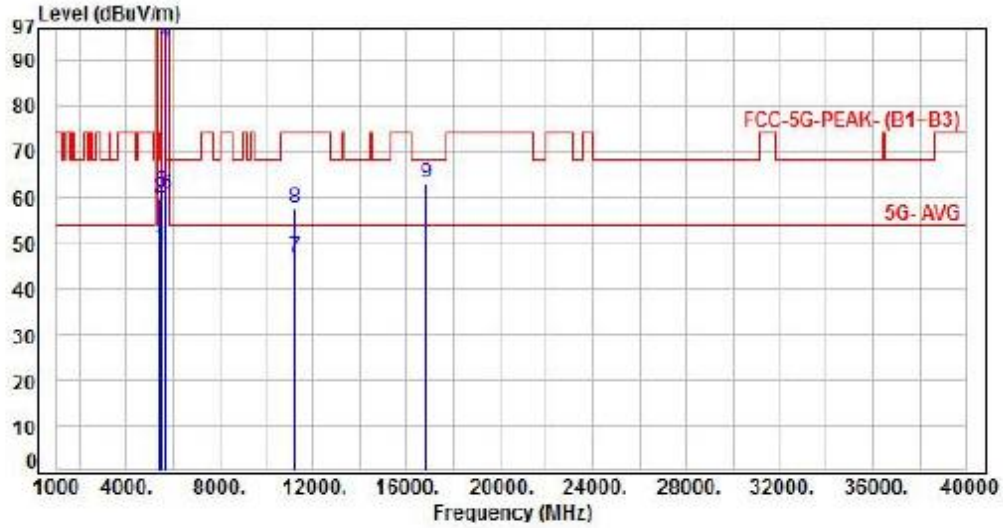


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	45.93	52.60	54.00	-1.40	Average	100	6	P
2	5460.00	6.67	58.73	65.40	74.00	-8.60	Peak	100	6	P
3	5470.00	6.68	58.30	64.98	68.20	-3.22	Peak	100	6	P
4	5530.00	6.72	96.05	102.77	200.00	-97.23	Average	100	6	P
5	5530.00	6.72	107.17	113.89	200.00	-86.11	Peak	100	6	P
6	11060.00	14.38	30.16	44.54	54.00	-9.46	Average	100	314	P
7	11060.00	14.38	41.91	56.29	74.00	-17.71	Peak	100	314	P
8	16590.00	17.43	44.30	61.73	68.20	-6.47	Peak	100	102	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	VERTICAL
Test Mode	:	Mode 7, Band 3, CH122		:	

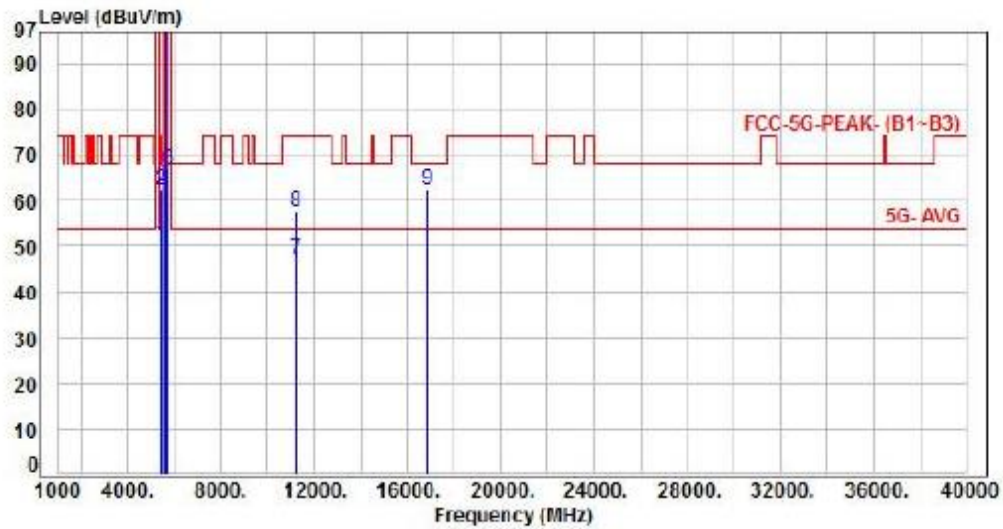


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5450.00	6.67	42.27	48.94	54.00	-5.06	Average	100	27	P
2	5450.00	6.67	53.15	59.82	74.00	-14.18	Peak	100	27	P
3	5470.00	6.68	54.69	61.37	68.20	-6.83	Peak	100	27	P
4	5610.00	6.57	86.97	93.54	200.00	-106.46	Average	100	27	P
5	5610.00	6.57	97.90	104.47	200.00	-95.53	Peak	100	27	P
6	5725.00	6.63	53.82	60.45	68.20	-7.75	Peak	100	27	P
7	11220.00	14.53	32.31	46.84	54.00	-7.16	Average	100	325	P
8	11220.00	14.53	43.00	57.53	74.00	-16.47	Peak	100	325	P
9	16830.00	18.82	44.14	62.96	68.20	-5.24	Peak	100	116	P

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



Power	:	From System (AC 120V / 60Hz)	Pol/Phase	:	HORIZONTAL
Test Mode	:	Mode 7, Band 3, CH122		:	

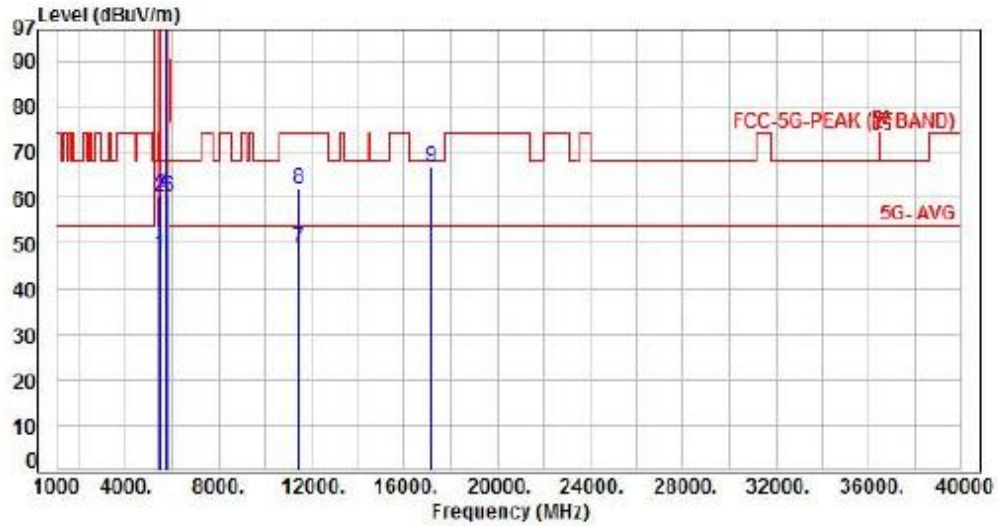


No.	Frequency (MHz)	Factor (dB)	Reading (dEuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	6.67	43.85	50.52	54.00	-3.48	Average	100	14	P
2	5460.00	6.67	55.52	62.19	74.00	-11.81	Peak	100	14	P
3	5470.00	6.68	56.41	63.09	68.20	-5.11	Peak	100	14	P
4	5610.00	6.57	93.09	99.66	200.00	-100.34	Average	100	14	P
5	5610.00	6.57	103.82	110.39	200.00	-89.61	Peak	100	14	P
6	5725.00	6.63	60.27	66.90	68.20	-1.30	Peak	100	14	P
7	11220.00	14.53	32.50	47.03	54.00	-6.97	Average	100	320	P
8	11220.00	14.53	43.19	57.72	74.00	-16.28	Peak	100	320	P
9	16830.00	18.82	43.34	62.16	68.20	-6.04	Peak	100	350	P

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



Power	: From System (AC 120V / 60Hz)	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)	Azinuth (deg)	P/F
1	5460.00	6.67	40.73	47.40	54.00	-6.60	Average	100	38	P
2	5460.00	6.67	53.53	60.20	74.00	-13.80	Peak	100	38	P
3	5470.00	6.68	54.19	60.87	68.20	-7.33	Peak	100	38	P
4	5720.00	6.61	91.51	98.12	200.00	-101.88	Average	100	38	P
5	5720.00	6.61	101.91	108.52	200.00	-91.48	Peak	100	38	P
6	5850.00	6.76	53.52	60.28	122.20	-61.92	Peak	100	38	P
7	11440.00	14.95	33.99	48.94	54.00	-5.06	Average	118	319	P
8	11440.00	14.95	47.12	62.07	74.00	-11.93	Peak	118	319	P
9	17160.00	20.50	46.21	66.71	68.20	-1.49	Peak	100	68	P

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