



FCC RADIO TEST REPORT

Applicant : D-Link Corporation

Address : 14420 Myford Road Suite 100, Irvine, California
92606, United States

Equipment : Nuclias Cloud Managed AXE5400 Access Point

Model No. : DBA-X5480P

Trade Name : D-Link

FCC ID : KA2APX5480A1

I HEREBY CERTIFY THAT :

The sample was received on May. 06, 2024 and the testing was completed on Jun. 18, 2024 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
24040457-TRFCC02	Jul. 16, 2024	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, measurement uncertainty evaluation is not considered.



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	2.4GHz: 802.11b/g/n(TurboQAM)/ax: 2400-2483.5MHz 5GHz: 802.11a/n/ac/ax: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz 6GHz: 802.11a/ax: 5925~6425MHz, 6425~6525MHz 6525~6875MHz, 6875~7125MHz
Center Frequency Range	2.4GHz: 802.11b/g/n(TurboQAM)/ax:2412MHz-2462MHz 5GHz: 802.11a/n/ac/ax: 5180-5240MHz,5260-5320MHz, 5500-5720MHz, 5745-5825MHz 6GHz: 802.11a/ax: 5955~6415MHz, 6435~6515MHz 6535~6855MHz, 6895~7115MHz
Modulation Type	2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM, 256QAM(TurboQAM) 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 5GHz: 802.11n/a: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 6GHz: 802.11a: BPSK, QPSK, 16QAM, 64QAM 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(TurboQAM) 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, VHT20/40/80/160 802.11ax: MCS0 – MCS11,HE20/40/80/160 6GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11ax: MCS0 – MCS11,HE20/40/80/160
Antenna Type	PIFA Antenna
Antenna Gain	2400-2490MHz: ANT 1: 3.2dBi, ANT 2: 2.9dBi 5150-5200MHz: ANT 3: 4.6dBi, ANT 4: 4.5dBi 5200-5400MHz: ANT 3: 4.9dBi, ANT 4: 4.3dBi 5400-5700MHz: ANT 3: 5.0dBi, ANT 4: 5.2dBi 5700-5850MHz: ANT 3: 5.2dBi, ANT 4: 5.3dBi 5925-6400MHz: ANT 5: 5.3dBi, ANT 6: 4.8dBi 6400-6500MHz: ANT 5: 5.1dBi, ANT 6: 4.4dBi 6600-6800MHz: ANT 5: 5.1dBi, ANT 6: 4.9dBi 6900-7125MHz: ANT 5: 5.3dBi, ANT 6: 5.2dBi
Adapter	Brand: Asian Power Devices Inc. Model: WA-30P12R
Firmware Number	0.00.003B



Note:

1. The EUT support TPC Mode
2. The EUT support AP Mode(Master)
3. EUT Type: Low-power Indoor AP(6ID)
4. WLAN 2.4G 802.11n Support TurboQAM
5. WLAN 2.4G 802.11ax & 5GHz 802.11ac / 11ax support & 6GHz 802.11ax support beamforming Function.
6. The EUT Only Support Full RU.
7. The device does not support Channel Puncturing or Bandwidth Reduction mechanisms.
8. 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: 5150MHz -5350MHz: Straddle Channel

802.11ac VHT160, 802.11ax HE160

Channel	Frequency(MHz)
*50	5250

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

802.11ac VHT160, 802.11ax HE160

Channel	Frequency(MHz)
*114	5570



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

- During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- The complete test system included remote workstation and EUT for RF test. The remote workstation included Notebook.
- An executive program, "QSPR ver. 5.0-00200" under Windows OS system was executed to transmit and receive data via WLAN.
- 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), TX Mode
2	802.11ac VHT20 (6.5Mbps), TX Mode
3	802.11ac VHT40 (13.5Mbps), TX Mode
4	802.11ac VHT80 (29.3Mbps), TX Mode
5	802.11ac VHT160 (58.5Mbps), TX Mode
6	802.11ax HE20 (7.3Mbps), TX Mode
7	802.11ax HE40 (14.6Mbps), TX Mode
8	802.11ax HE80 (30.6Mbps), TX Mode
9	802.11ax HE160 (61.3Mbps), TX Mode
caused "Test Mode 7" generated the worst case, it was reported as the final data.	
Radiation Emissions (Below 1GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps), TX Mode
2	802.11ac VHT20 (6.5Mbps), TX Mode
3	802.11ac VHT40 (13.5Mbps), TX Mode
4	802.11ac VHT80 (29.3Mbps), TX Mode
5	802.11ac VHT160 (58.5Mbps), TX Mode
6	802.11ax HE20 (7.3Mbps), TX Mode
7	802.11ax HE40 (14.6Mbps), TX Mode
8	802.11ax HE80 (30.6Mbps), TX Mode
9	802.11ax HE160 (61.3Mbps), TX Mode
caused "Test Mode 7" generated the worst case, it was reported as the final data.	
Radiation Emissions (1GHz ~ 40GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps), TX Mode
2	802.11ac VHT20 (6.5Mbps), TX Mode
3	802.11ac VHT40 (13.5Mbps), TX Mode
4	802.11ac VHT80 (29.3Mbps), TX Mode
5	802.11ac VHT160 (58.5Mbps), TX Mode
6	802.11ax HE20 (7.3Mbps), TX Mode
7	802.11ax HE40 (14.6Mbps), TX Mode
8	802.11ax HE80 (30.6Mbps), TX Mode
9	802.11ax HE160 (61.3Mbps), TX Mode
caused "Test Mode 1,6~9" generated the worst case, they were reported as the final data.	



Note:

1. There are two kinds of EUT Power Type: Power From Adapter and Power From PoE
After engineering evaluation, Adapter is worst case, hence, is used at test report.
2. There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.
For AC Power Line Conducted Emission, AC 120V / 60Hz is worst case.
For Radiated Spurious Emission (Below 1GHz), AC 240V / 60Hz is worst case.
For Radiated Spurious Emission (1GHz ~ 40GHz), AC 120V / 60Hz is worst case.
3. The EUT supports non-beamforming and beamforming function, after engineering evaluation, non-beamforming generated the worst case, it was reported as the final data.

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
802.11ac VHT160	2TX
802.11ax HE20	2TX
802.11ax HE40	2TX
802.11ax HE80	2TX
802.11ax HE160	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
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5470	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	15m / NS	N/A
POE	Bluewave	JS-100GT	N/A	N/A
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5470	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	15m / NS	N/A
POE	Bluewave	JS-100GT	N/A	N/A
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / 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
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 9kHz 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	2024/05/24	25.5°C / 51%	Leon Huang
RF Conducted	RFCON01-NK	2024/05/25	26.7°C / 52%	Leon Huang
RF Conducted	RFCON01-NK	2024/05/27	26.3°C / 45%	Leon Huang
RF Conducted	RFCON01-NK	2024/05/28	24.5°C / 53%	Leon Huang
RF Conducted	RFCON01-NK	2024/05/29	25.3°C / 46%	Leon Huang
RF Conducted	RFCON01-NK	2024/06/14	24.6°C / 46%	Leon Huang
RF Conducted	RFCON01-NK	2024/06/18	26°C / 49%	Sheng Hsu
Radiated Emissions	3M02-NK	2024/5/23~2024/5/24	22.3~23.5°C / 36~40%	Park Chen
Radiated Emissions	3M02-NK	2024/06/13	20.2°C / 53%	Park Chen
AC Power Line Conducted Emission	CON02-NK	2024/05/24	22.4°C / 54%	Park 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)	±3.5dB
Radiated Spurious Emission(30MHz~1GHz)	±5.1dB
Radiated Spurious Emission(1GHz~40GHz)	±5.2dB
6dB Bandwidth	±5.4%
26dB Bandwidth	±4.4%
Occupied Bandwidth	±4.5%
Peak Output Power(Conducted Power Meter)	±1.1dB
Power Spectral Density	±2.0dB
Duty Cycle	±3.5%
Frequency Stability	±0.23KHz



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	2024/02/19	2025/02/18
Active Loop Antenna	Schwarzbeck	FMZB 1513	414	2024/01/16	2025/01/15
Horn Antenna	EMCO	3115	31589	2024/02/26	2025/02/25
Horn Antenna	EMCO	3116	31974	2023/10/16	2024/10/15
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2023/07/05	2024/07/04
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2023/08/15	2024/08/14
Preamplifier	Agilent	8449B	3008A01954	2024/03/01	2025/02/28
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2023/10/13	2024/10/12
Preamplifier	EM Electronics corp.	EM330	60659	2024/02/17	2025/02/16
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2023/07/31	2024/07/30
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2024/02/23	2025/02/22
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2024/03/05	2025/03/04
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2024/03/05	2025/03/04
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2024/03/05	2025/03/04
Cable-1m(1G-40G)	HUBER SUHNER	HUBER SUHNER / SF102	804398/2	2023/10/12	2024/10/11
Cable-3m(1G-40G)	HUBER SUHNER	HUBER SUHNER / SF102	804619/2	2023/10/12	2024/10/11
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
Highpass Filter	WOKEN	WFIL-H7000-18000F-01	WR468FWC2B1	2023/08/18	2024/08/17

Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2023/11/06	2024/11/05
Power Meter	Anritsu	ML2495A	1224005	2024/02/17	2025/02/16
Power Sensor	Anritsu	MA2411B	1207295	2024/02/17	2025/02/16
Attenuator	KEYSIGHT	8491B	MY39250703	2024/02/20	2025/02/19

Test Item	AC Power Line Conducted Emission				
Test Site	CON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2023/07/05	2024/07/04
TWO-LINE V-NETWORK	ROHDE & SCHWARZ	ENV216	102185	2023/08/29	2024/08/28
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2023/07/31	2024/07/30
E3	AUDIX	v8.2014-8-6	RK-000536	NA	NA



4. Antenna Requirements

4.1. Standard Applicable

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

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



4.2. Antenna Construction and Directional Gain

Antenna Type	PIFA Antenna
Antenna Gain	5150-5200MHz: ANT 3: 4.6dBi, ANT 4: 4.5dBi 5200-5400MHz: ANT 3: 4.9dBi, ANT 4: 4.3dBi 5400-5700MHz: ANT 3: 5.0dBi, ANT 4: 5.2dBi 5700-5850MHz: ANT 3: 5.2dBi, ANT 4: 5.3dBi

(Non-Beamforming)

5150-5250MHz:
For Power directional gain= $G_{ant}= 4.60$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.56 dBi
5200-5400MHz:
For Power directional gain= $G_{ant}= 4.90$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.62 dBi
5400-5700MHz:
For Power directional gain= $G_{ant}= 5.20$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 8.11 dBi
5700-5850MHz:
For Power directional gain= $G_{ant}= 5.30$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 8.26 (dBi)

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

(Beamforming)

5150-5250MHz:
For Power directional gain= $G_{ant}= 7.56$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.56 dBi
5200-5400MHz:
For Power directional gain= $G_{ant}= 7.62$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 7.62 dBi
5400-5700MHz:
For Power directional gain= $G_{ant}= 8.11$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 8.11 dBi
5700-5850MHz:
For Power directional gain= $G_{ant}= 8.26$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 8.26 (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

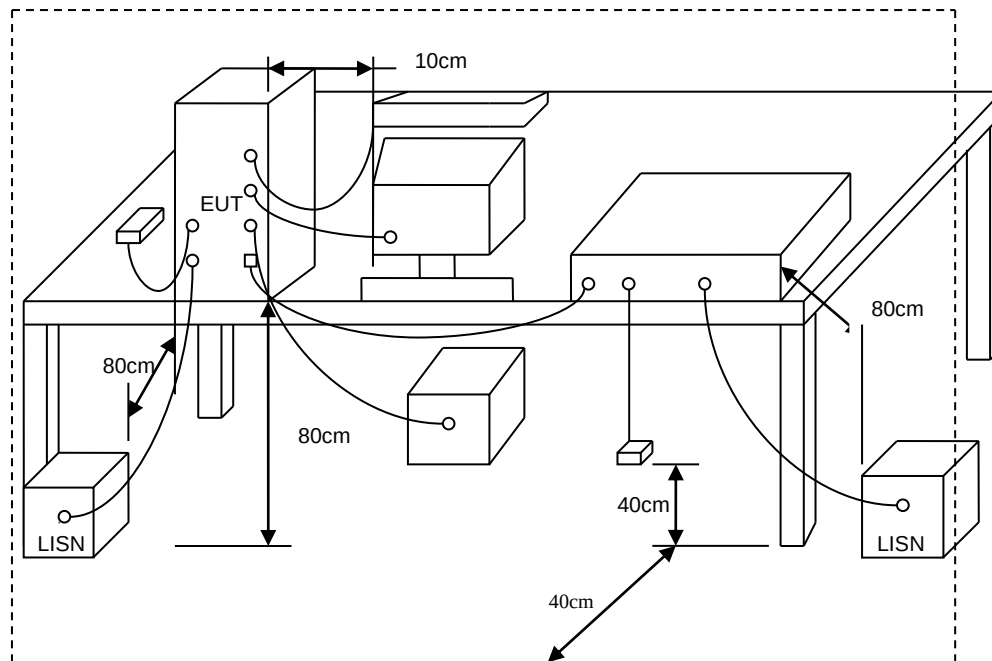
*Decreases with the logarithm of the frequency.

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

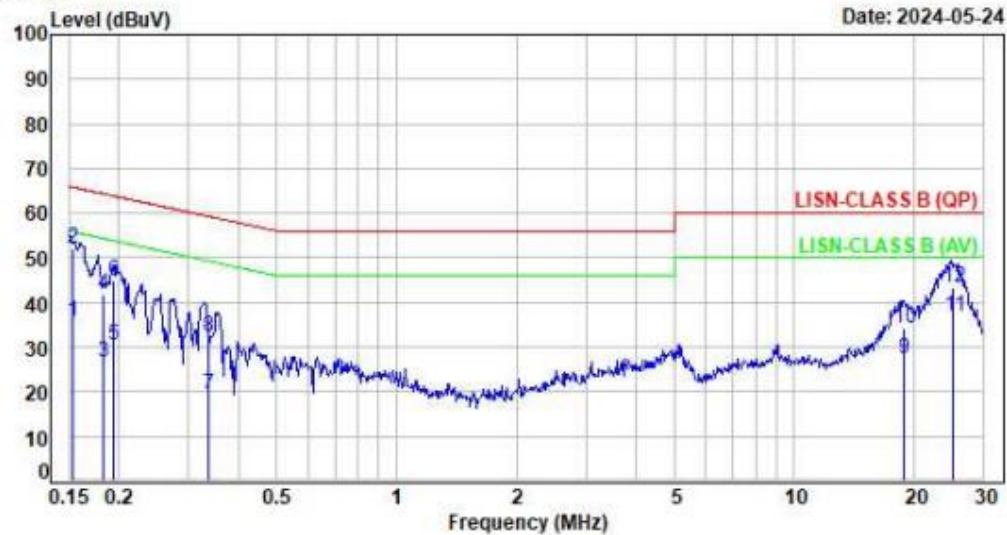




5.4. Test Result and Data

Test Mode : 2TX 11ax40 CH159 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Phase : Line

Data: 5



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1527	9.66	26.05	35.71	55.85	-20.14	Average	P
2	0.1527	9.66	42.31	51.97	65.85	-13.88	QP	P
3	0.1830	9.65	16.90	26.55	54.35	-27.80	Average	P
4	0.1830	9.65	32.32	41.97	64.35	-22.38	QP	P
5	0.1944	9.64	20.76	30.40	53.85	-23.45	Average	P
6	0.1944	9.64	35.19	44.83	63.85	-19.02	QP	P
7	0.3363	9.66	9.91	19.57	49.29	-29.72	Average	P
8	0.3363	9.66	22.75	32.41	59.29	-26.88	QP	P
9	18.8453	9.94	17.48	27.42	50.00	-22.58	Average	P
10	18.8453	9.94	24.22	34.16	60.00	-25.84	QP	P
11	25.1507	9.95	26.99	36.94	50.00	-13.06	Average	P
12	25.1507	9.95	33.25	43.20	60.00	-16.80	QP	P

Note: Level=Reading+Factor

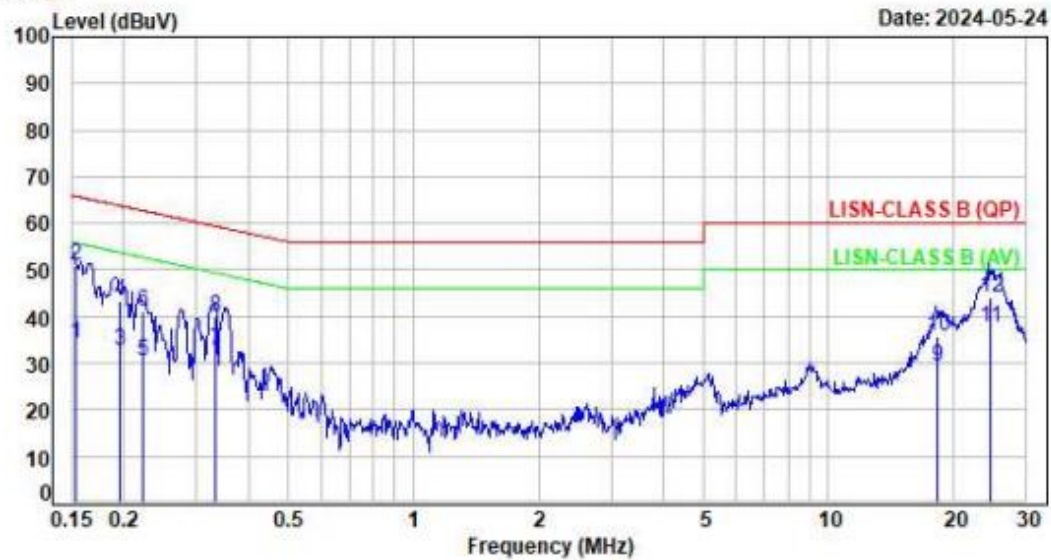
Margin=Level-Limit

Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



Test Mode : 2TX 11ax40 CH159 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 6



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1533	9.56	24.57	34.13	55.82	-21.69	Average	P
2	0.1533	9.56	41.24	50.80	65.82	-15.02	QP	P
3	0.1969	9.59	22.92	32.51	53.74	-21.23	Average	P
4	0.1969	9.59	33.78	43.37	63.74	-20.37	QP	P
5	0.2224	9.59	20.84	30.43	52.73	-22.30	Average	P
6	0.2224	9.59	31.35	40.94	62.73	-21.79	QP	P
7	0.3328	9.57	23.07	32.64	49.38	-16.74	Average	P
8	0.3328	9.57	30.21	39.78	59.38	-19.60	QP	P
9	18.3798	9.95	19.37	29.32	50.00	-20.68	Average	P
10	18.3798	9.95	25.83	35.78	60.00	-24.22	QP	P
11	24.5805	10.03	27.51	37.54	50.00	-12.46	Average	P
12	24.5805	10.03	34.12	44.15	60.00	-15.85	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.

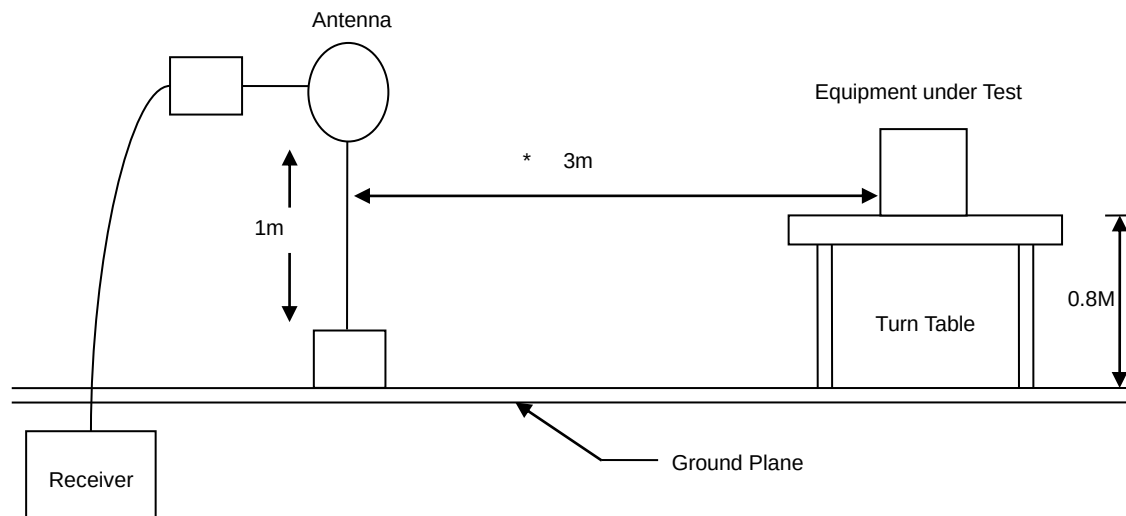
Note:

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.
(Y-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.

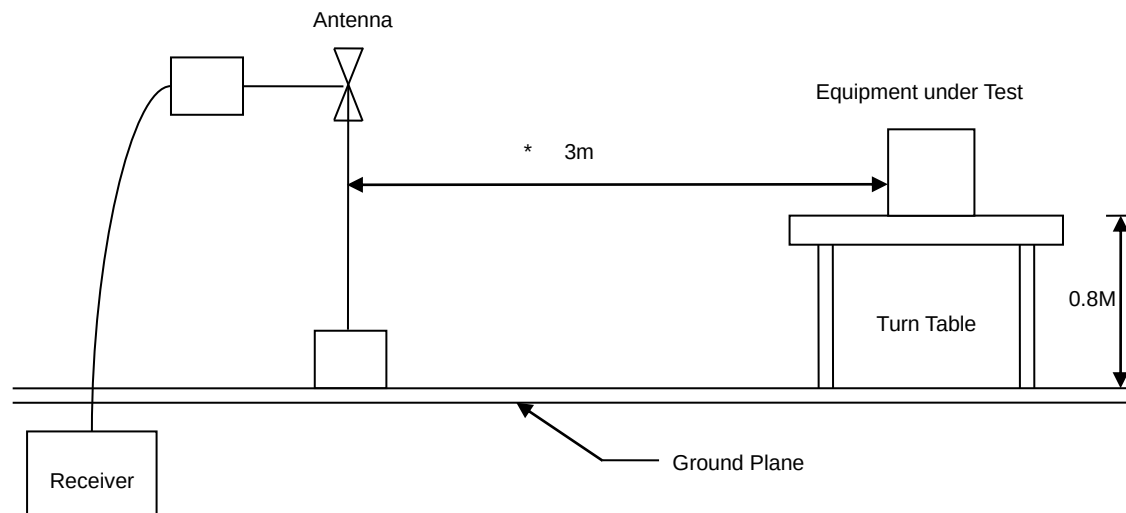


6.3. Typical Test Setup

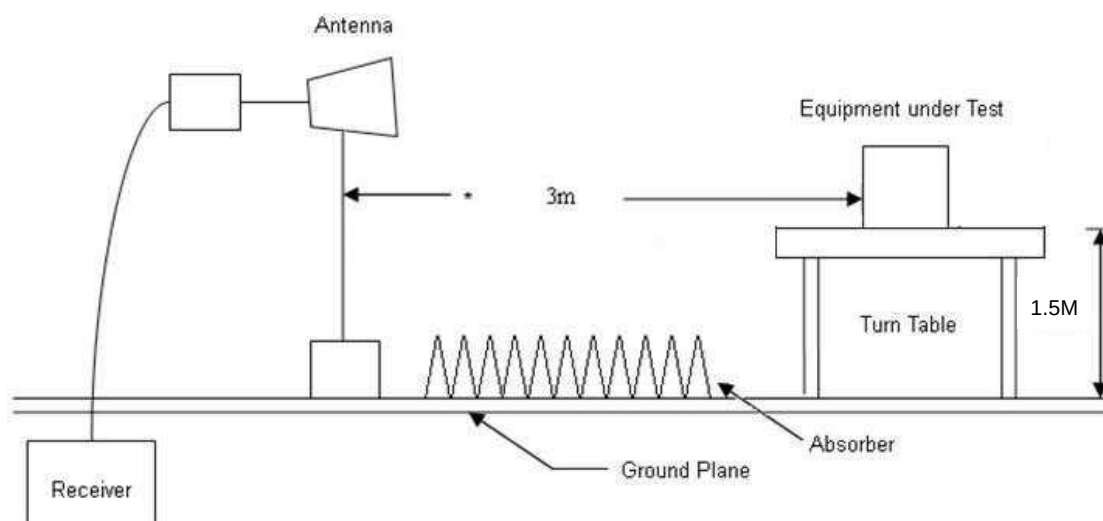
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



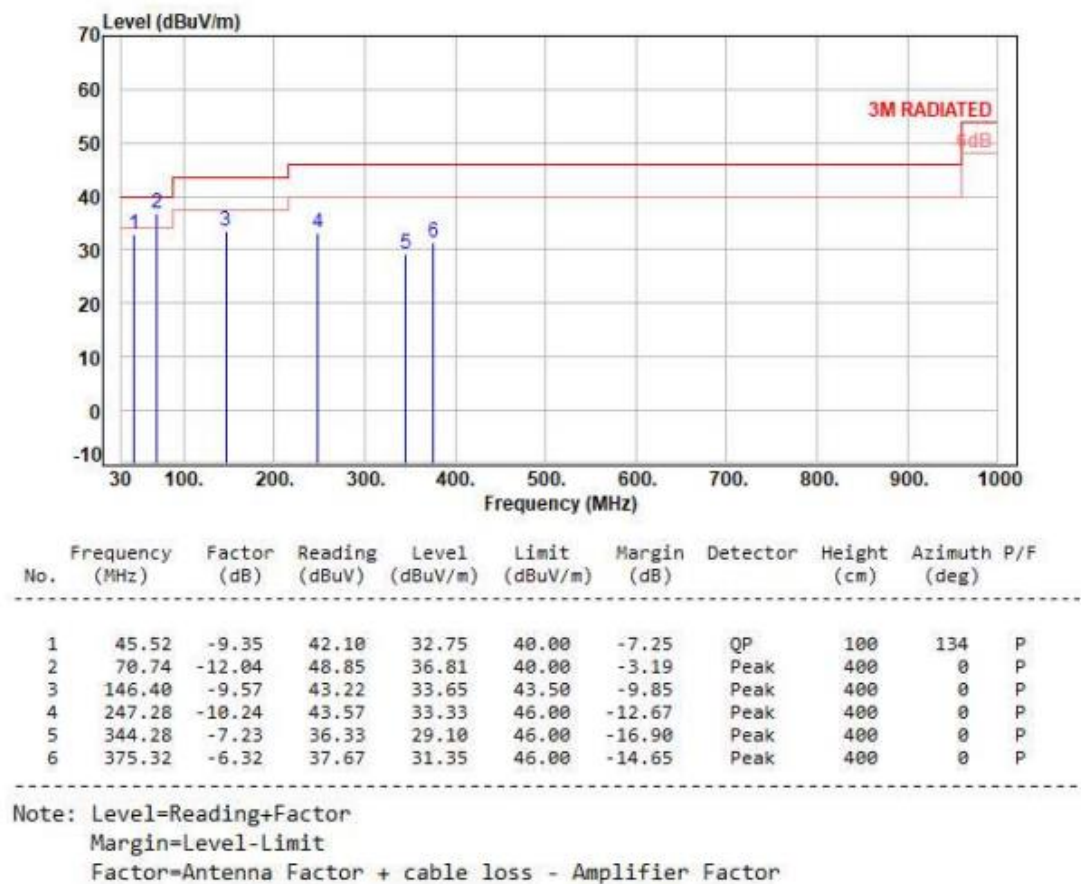


6.4. Test Result and Data (9kHz ~ 30MHz)

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

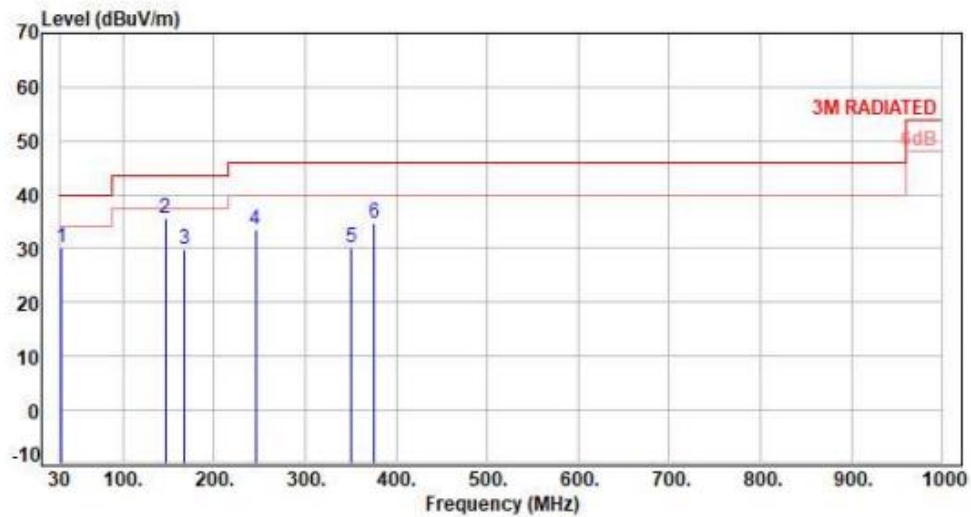
6.5. Test Result and Data (30MHz ~ 1GHz)

Test Mode : 2TX 11ax40 CH159 NSS1 MCS0
Voltage : From Adapter(AC240V/60Hz)
Pol : Vertical





Test Mode : 2TX 11ax40 CH159 NSS1 MCS0
Voltage : From Adpater(AC240V/60Hz)
Pol : Horizontal



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	31.94	-10.04	40.08	30.04	40.00	-9.96	Peak	400	360	P
2	146.40	-9.57	45.21	35.64	43.50	-7.86	Peak	400	360	P
3	167.74	-9.55	39.32	29.77	43.50	-13.73	Peak	400	360	P
4	245.34	-10.28	43.77	33.49	46.00	-12.51	Peak	400	360	P
5	350.10	-7.29	37.56	30.27	46.00	-15.73	Peak	400	360	P
6	375.32	-6.32	40.91	34.59	46.00	-11.41	Peak	400	360	P

Note: Level=Reading+Factor

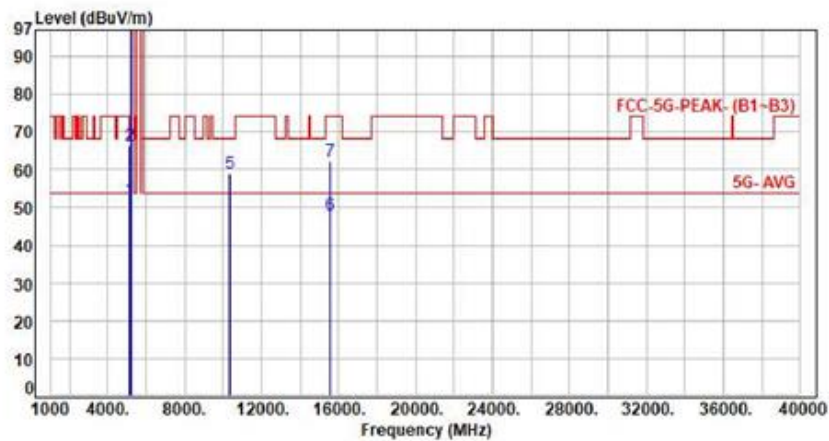
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



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

Test Mode : 2TX 11a CH36 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

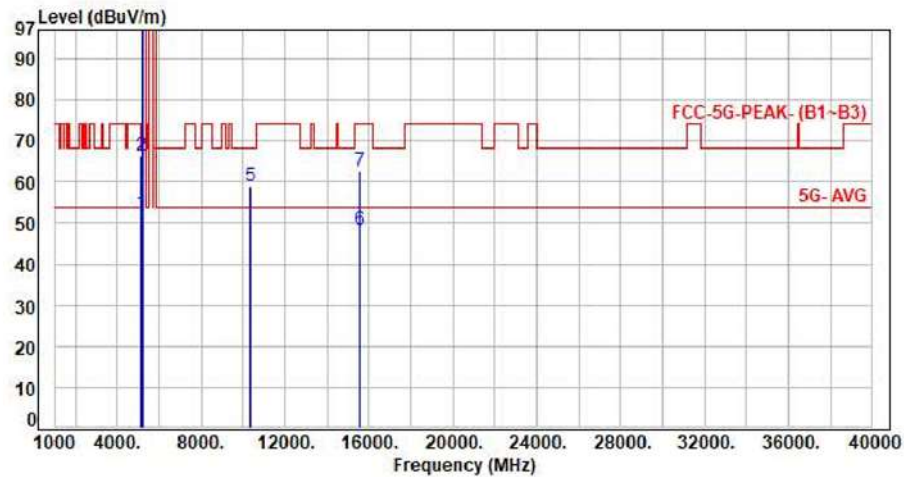


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.49	52.18	54.00	-1.82	Average	106	16	P
2	5150.00	6.69	59.73	66.42	74.00	-7.58	Peak	106	16	P
3	5180.00	6.79	102.68	109.47	200.00	-90.53	Average	106	16	P
4	5180.00	6.79	113.26	120.05	200.00	-79.95	Peak	106	16	P
5	10360.00	14.86	44.04	58.90	68.20	-9.30	Peak	100	124	P
6	15540.00	18.46	29.53	47.99	54.00	-6.01	Average	100	246	P
7	15540.00	18.46	43.76	62.22	74.00	-11.78	Peak	100	246	P

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



Test Mode : 2TX 11a CH36 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

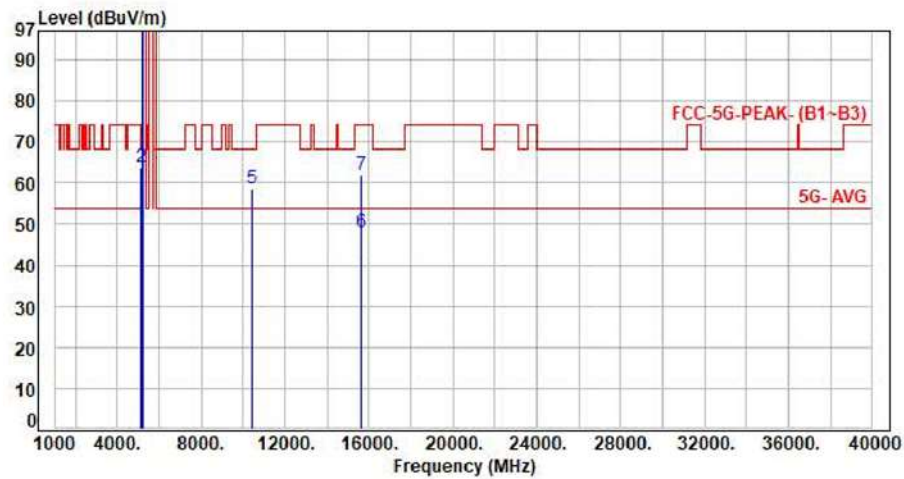


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.55	52.24	54.00	-1.76	Average	109	306	P
2	5150.00	6.69	59.87	66.56	74.00	-7.44	Peak	109	306	P
3	5180.00	6.79	103.88	110.67	200.00	-89.33	Average	109	306	P
4	5180.00	6.79	114.30	121.09	200.00	-78.91	Peak	109	306	P
5	10360.00	14.86	44.16	59.02	68.20	-9.18	Peak	100	321	P
6	15540.00	18.46	29.73	48.19	54.00	-5.81	Average	100	123	P
7	15540.00	18.46	44.06	62.52	74.00	-11.48	Peak	100	123	P

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



Test Mode : 2TX 11a CH40 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

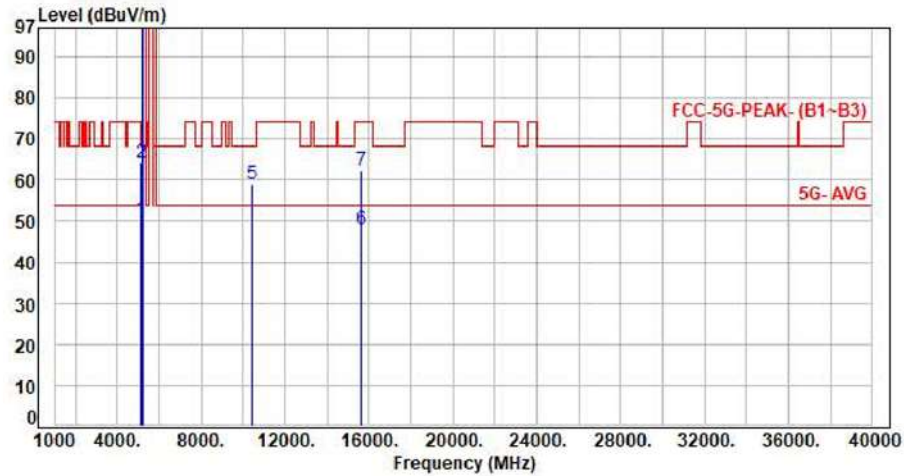


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	43.30	49.99	54.00	-4.01	Average	110	17	P
2	5150.00	6.69	57.17	63.86	74.00	-10.14	Peak	110	17	P
3	5200.00	6.86	104.04	110.90	200.00	-89.10	Average	110	17	P
4	5200.00	6.86	114.64	121.50	200.00	-78.50	Peak	110	17	P
5	10400.00	14.77	43.85	58.62	68.20	-9.58	Peak	100	115	P
6	15600.00	18.20	29.60	47.80	54.00	-6.20	Average	100	213	P
7	15600.00	18.20	43.74	61.94	74.00	-12.06	Peak	100	213	P

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



Test Mode : 2TX 11a CH40 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

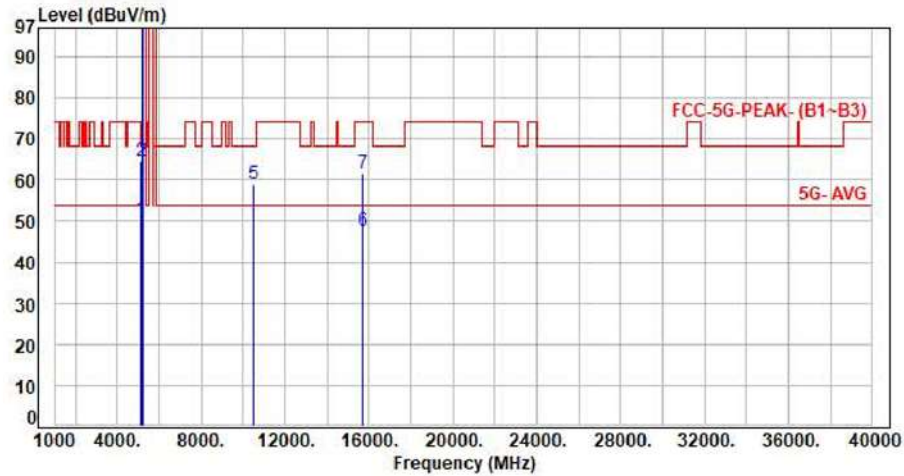


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	43.94	50.63	54.00	-3.37	Average	100	305	P
2	5150.00	6.69	57.42	64.11	74.00	-9.89	Peak	100	305	P
3	5200.00	6.86	104.70	111.56	200.00	-88.44	Average	100	305	P
4	5200.00	6.86	115.19	122.05	200.00	-77.95	Peak	100	305	P
5	10400.00	14.77	44.11	58.88	68.20	-9.32	Peak	100	314	P
6	15600.00	18.20	29.86	48.06	54.00	-5.94	Average	100	135	P
7	15600.00	18.20	44.21	62.41	74.00	-11.59	Peak	100	135	P

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



Test Mode : 2TX 11a CH48 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

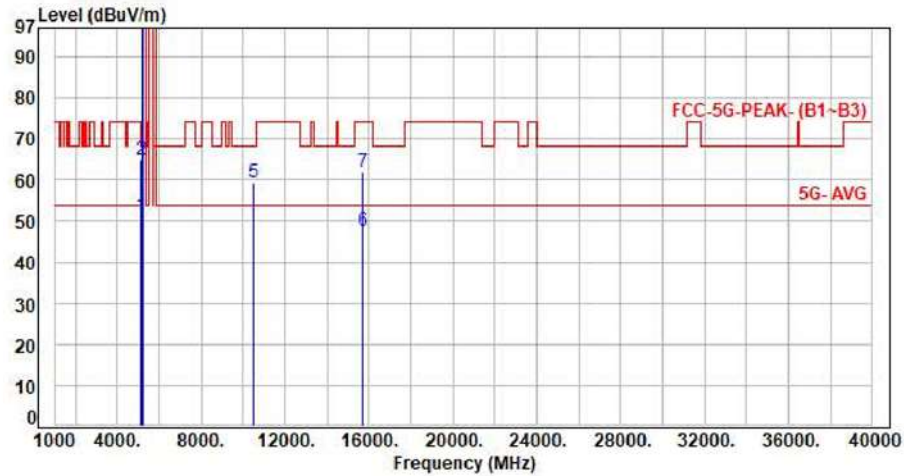


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	43.82	50.51	54.00	-3.49	Average	100	16	P
2	5150.00	6.69	57.70	64.39	74.00	-9.61	Peak	100	16	P
3	5240.00	6.91	103.94	110.85	200.00	-89.15	Average	100	16	P
4	5240.00	6.91	114.39	121.30	200.00	-78.70	Peak	100	16	P
5	10480.00	14.94	43.96	58.90	68.20	-9.30	Peak	100	166	P
6	15720.00	17.80	29.78	47.58	54.00	-6.42	Average	100	227	P
7	15720.00	17.80	43.80	61.60	74.00	-12.40	Peak	100	227	P

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



Test Mode : 2TX 11a CH48 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

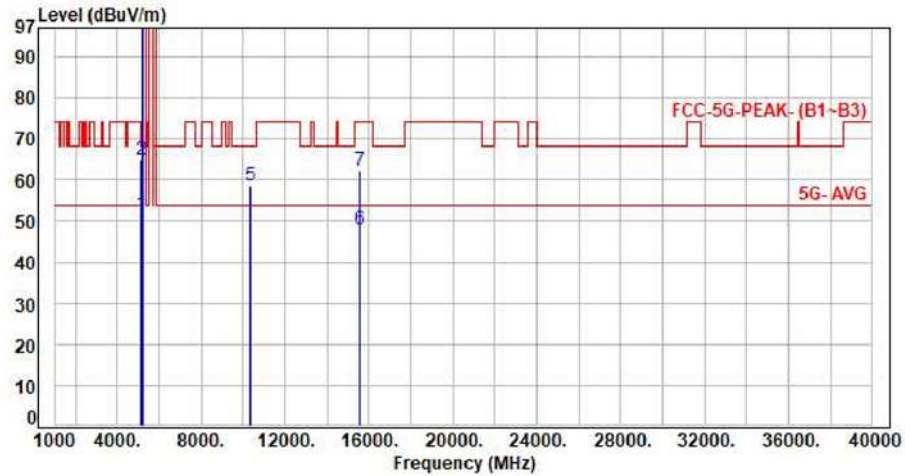


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.46	51.15	54.00	-2.85	Average	116	308	P
2	5150.00	6.69	58.21	64.90	74.00	-9.10	Peak	116	308	P
3	5240.00	6.91	104.53	111.44	200.00	-88.56	Average	116	308	P
4	5240.00	6.91	115.07	121.98	200.00	-78.02	Peak	116	308	P
5	10480.00	14.94	44.26	59.20	68.20	-9.00	Peak	100	334	P
6	15720.00	17.80	29.85	47.65	54.00	-6.35	Average	100	151	P
7	15720.00	17.80	44.14	61.94	74.00	-12.06	Peak	100	151	P

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



Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

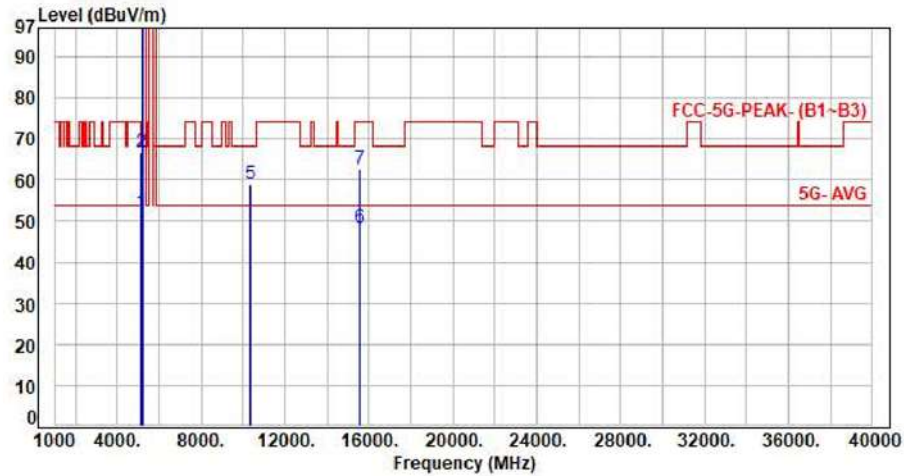


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.80	51.49	54.00	-2.51	Average	100	17	P
2	5150.00	6.69	58.34	65.03	74.00	-8.97	Peak	100	17	P
3	5180.00	6.79	99.36	106.15	200.00	-93.85	Average	100	17	P
4	5180.00	6.79	113.18	119.97	200.00	-80.03	Peak	100	17	P
5	10360.00	14.86	43.85	58.71	68.20	-9.49	Peak	100	149	P
6	15540.00	18.46	29.48	47.94	54.00	-6.06	Average	100	234	P
7	15540.00	18.46	43.93	62.39	74.00	-11.61	Peak	100	234	P

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



Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

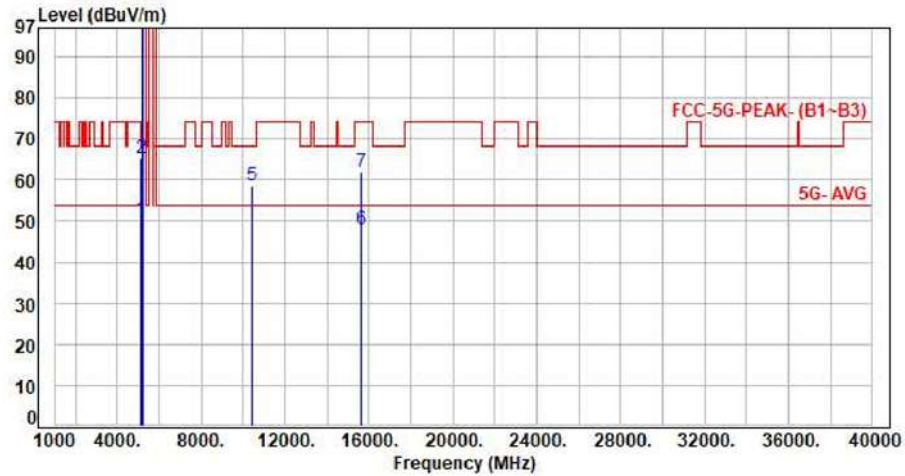


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.15	51.84	54.00	-2.16	Average	103	294	P
2	5150.00	6.69	60.16	66.85	74.00	-7.15	Peak	103	294	P
3	5180.00	6.79	99.57	106.36	200.00	-93.64	Average	103	294	P
4	5180.00	6.79	113.12	119.91	200.00	-80.09	Peak	103	294	P
5	10360.00	14.86	43.99	58.85	68.20	-9.35	Peak	100	321	P
6	15540.00	18.46	29.84	48.30	54.00	-5.70	Average	100	149	P
7	15540.00	18.46	44.18	62.64	74.00	-11.36	Peak	100	149	P

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



Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

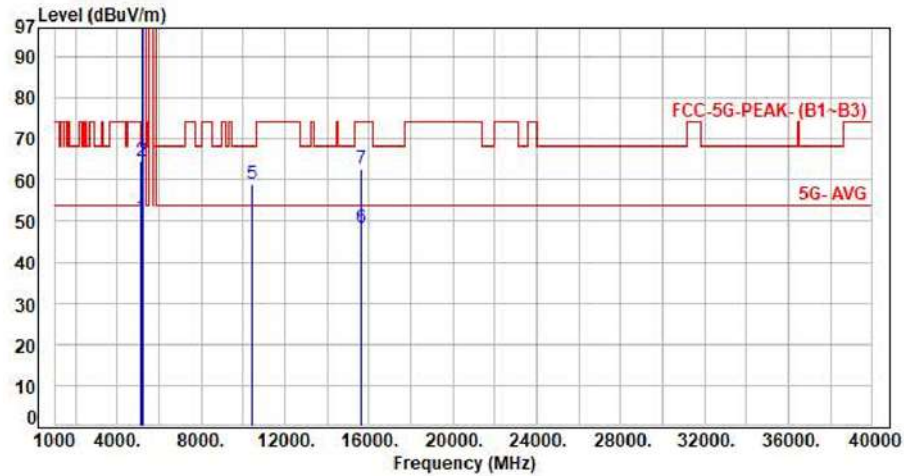


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	43.83	50.52	54.00	-3.48	Average	110	15	P
2	5150.00	6.69	58.43	65.12	74.00	-8.88	Peak	110	15	P
3	5200.00	6.86	104.54	111.40	200.00	-88.60	Average	110	15	P
4	5200.00	6.86	118.57	125.43	200.00	-74.57	Peak	110	15	P
5	10400.00	14.77	43.88	58.65	68.20	-9.55	Peak	100	128	P
6	15600.00	18.20	29.66	47.86	54.00	-6.14	Average	100	263	P
7	15600.00	18.20	43.67	61.87	74.00	-12.13	Peak	100	263	P

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



Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

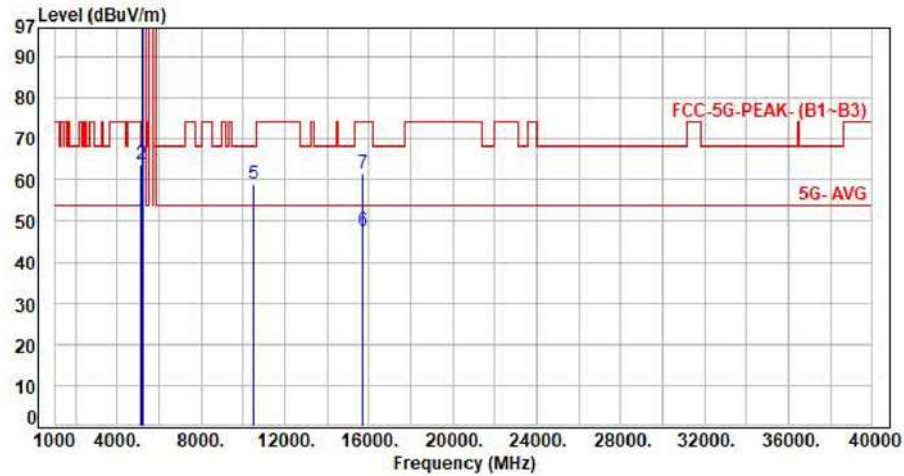


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.17	50.86	54.00	-3.14	Average	100	305	P
2	5150.00	6.69	57.88	64.57	74.00	-9.43	Peak	100	305	P
3	5200.00	6.86	105.04	111.90	200.00	-88.10	Average	100	305	P
4	5200.00	6.86	119.01	125.87	200.00	-74.13	Peak	100	305	P
5	10400.00	14.77	44.36	59.13	68.20	-9.07	Peak	100	293	P
6	15600.00	18.20	30.10	48.30	54.00	-5.70	Average	100	144	P
7	15600.00	18.20	44.45	62.65	74.00	-11.35	Peak	100	144	P

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



Test Mode : 2TX 11ax20 CH48 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

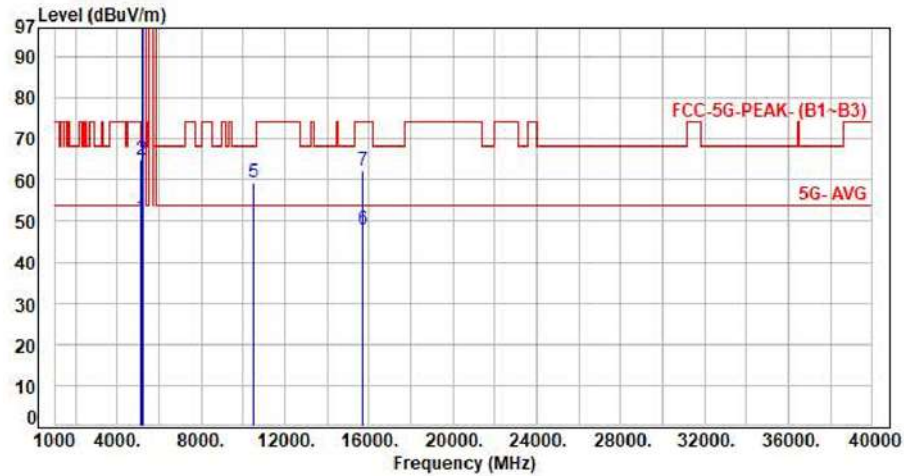


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	43.34	50.03	54.00	-3.97	Average	100	20	P
2	5150.00	6.69	57.11	63.80	74.00	-10.20	Peak	100	20	P
3	5240.00	6.91	104.08	110.99	200.00	-89.01	Average	100	20	P
4	5240.00	6.91	117.77	124.68	200.00	-75.32	Peak	100	20	P
5	10480.00	14.94	44.07	59.01	68.20	-9.19	Peak	100	150	P
6	15720.00	17.80	29.75	47.55	54.00	-6.45	Average	100	265	P
7	15720.00	17.80	43.95	61.75	74.00	-12.25	Peak	100	265	P

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



Test Mode : 2TX 11ax20 CH48 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

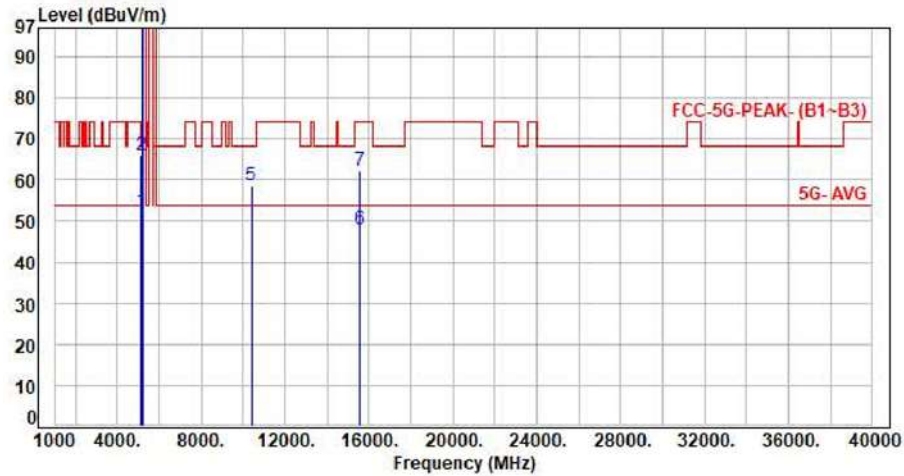


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.22	50.91	54.00	-3.09	Average	115	303	P
2	5150.00	6.69	58.13	64.82	74.00	-9.18	Peak	115	303	P
3	5240.00	6.91	104.70	111.61	200.00	-88.39	Average	115	303	P
4	5240.00	6.91	118.18	125.09	200.00	-74.91	Peak	115	303	P
5	10480.00	14.94	44.52	59.46	68.20	-8.74	Peak	100	332	P
6	15720.00	17.80	30.05	47.85	54.00	-6.15	Average	100	163	P
7	15720.00	17.80	44.60	62.40	74.00	-11.60	Peak	100	163	P

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



Test Mode : 2TX 11ax40 CH38 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

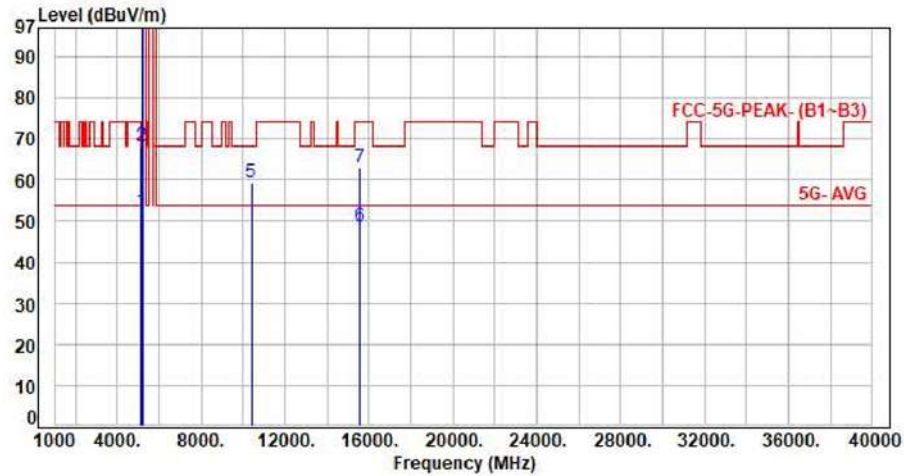


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.67	52.36	54.00	-1.64	Average	112	18	P
2	5150.00	6.69	59.26	65.95	74.00	-8.05	Peak	112	18	P
3	5190.00	6.82	98.49	105.31	200.00	-94.69	Average	112	18	P
4	5190.00	6.82	111.97	118.79	200.00	-81.21	Peak	112	18	P
5	10380.00	14.82	43.90	58.72	68.20	-9.48	Peak	100	129	P
6	15570.00	18.33	29.60	47.93	54.00	-6.07	Average	100	253	P
7	15570.00	18.33	43.88	62.21	74.00	-11.79	Peak	100	253	P

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



Test Mode : 2TX 11ax40 CH38 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

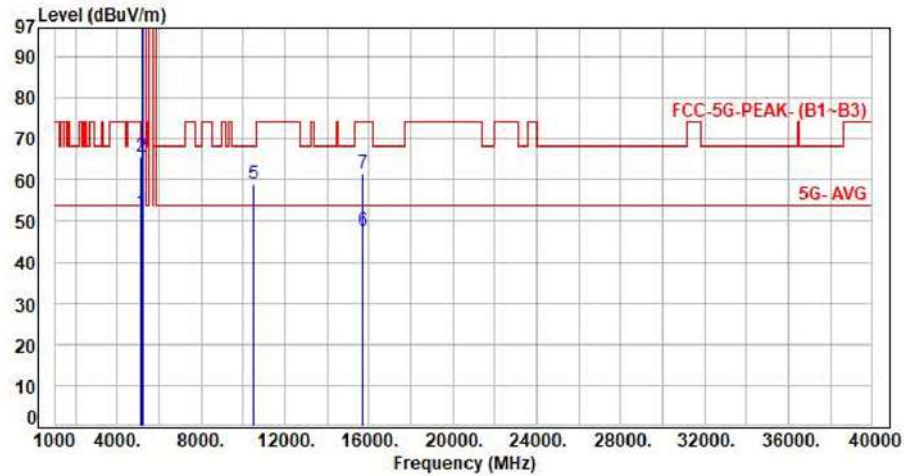


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.75	52.44	54.00	-1.56	Average	104	305	P
2	5150.00	6.69	61.36	68.05	74.00	-5.95	Peak	104	305	P
3	5190.00	6.82	99.81	106.63	200.00	-93.37	Average	104	305	P
4	5190.00	6.82	113.25	120.07	200.00	-79.93	Peak	104	305	P
5	10380.00	14.82	44.73	59.55	68.20	-8.65	Peak	100	333	P
6	15570.00	18.33	30.35	48.68	54.00	-5.32	Average	100	147	P
7	15570.00	18.33	44.76	63.09	74.00	-10.91	Peak	100	147	P

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



Test Mode : 2TX 11ax40 CH46 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

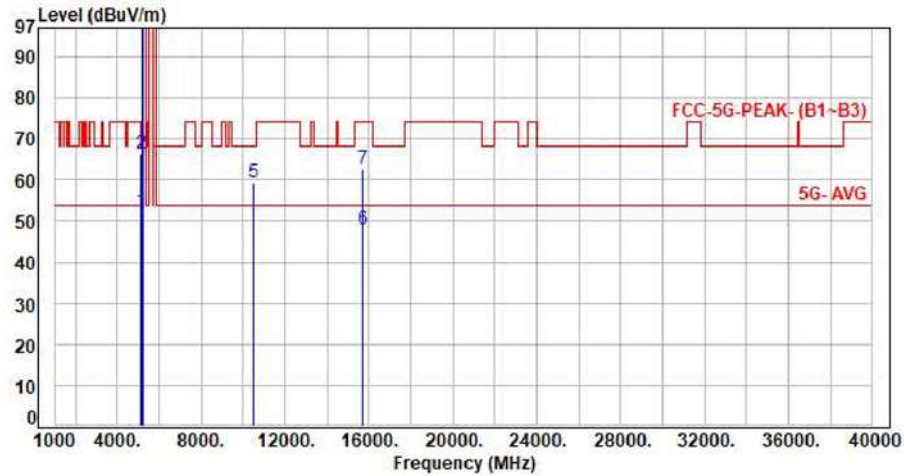


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.23	51.92	54.00	-2.08	Average	109	16	P
2	5150.00	6.69	59.12	65.81	74.00	-8.19	Peak	109	16	P
3	5230.00	6.90	101.38	108.28	200.00	-91.72	Average	109	16	P
4	5230.00	6.90	115.16	122.06	200.00	-77.94	Peak	109	16	P
5	10460.00	14.87	44.01	58.88	68.20	-9.32	Peak	100	133	P
6	15690.00	17.88	29.76	47.64	54.00	-6.36	Average	100	242	P
7	15690.00	17.88	43.54	61.42	74.00	-12.58	Peak	100	242	P

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



Test Mode : 2TX 11ax40 CH46 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

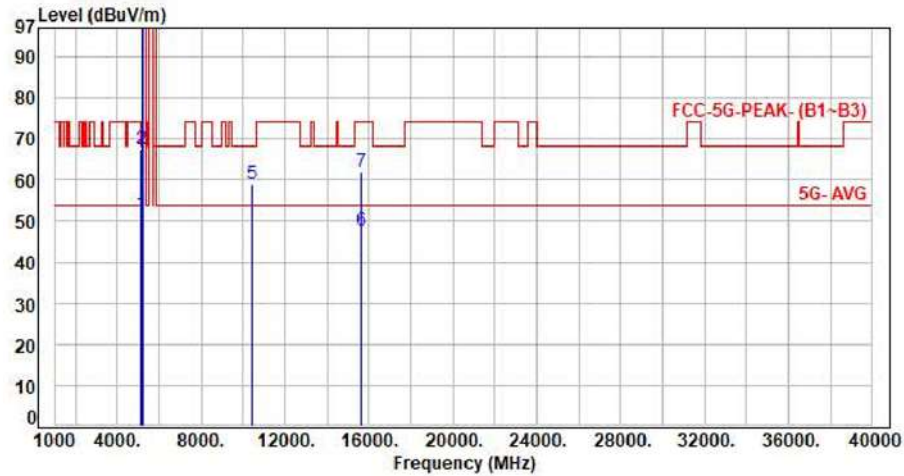


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.59	52.28	54.00	-1.72	Average	100	305	P
2	5150.00	6.69	59.54	66.23	74.00	-7.77	Peak	100	305	P
3	5230.00	6.90	101.29	108.19	200.00	-91.81	Average	100	305	P
4	5230.00	6.90	114.54	121.44	200.00	-78.56	Peak	100	305	P
5	10460.00	14.87	44.49	59.36	68.20	-8.84	Peak	100	306	P
6	15690.00	17.88	30.21	48.09	54.00	-5.91	Average	100	151	P
7	15690.00	17.88	44.71	62.59	74.00	-11.41	Peak	100	151	P

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



Test Mode : 2TX 11ax80 CH42 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

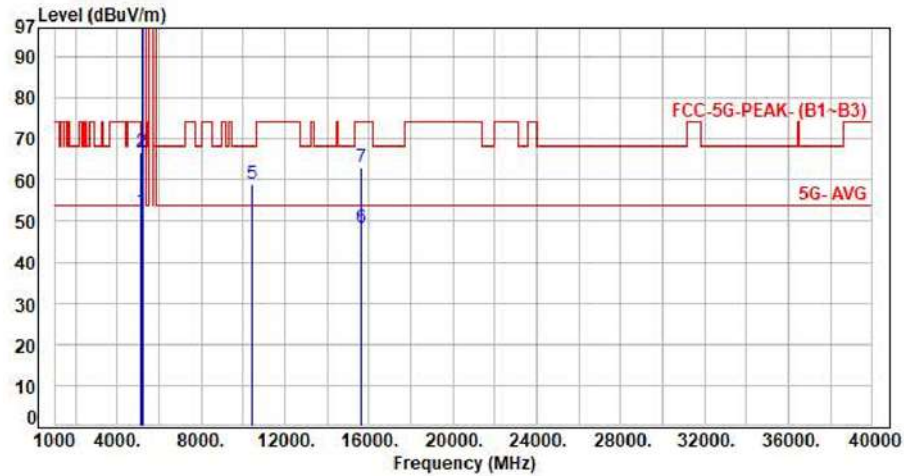


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	44.82	51.51	54.00	-2.49	Average	104	19	P
2	5150.00	6.69	60.71	67.40	74.00	-6.60	Peak	104	19	P
3	5210.00	6.87	95.81	102.68	200.00	-97.32	Average	104	19	P
4	5210.00	6.87	108.44	115.31	200.00	-84.69	Peak	104	19	P
5	10420.00	14.79	44.16	58.95	68.20	-9.25	Peak	100	119	P
6	15630.00	18.06	29.66	47.72	54.00	-6.28	Average	100	234	P
7	15630.00	18.06	43.95	62.01	74.00	-11.99	Peak	100	234	P

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



Test Mode : 2TX 11ax80 CH42 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

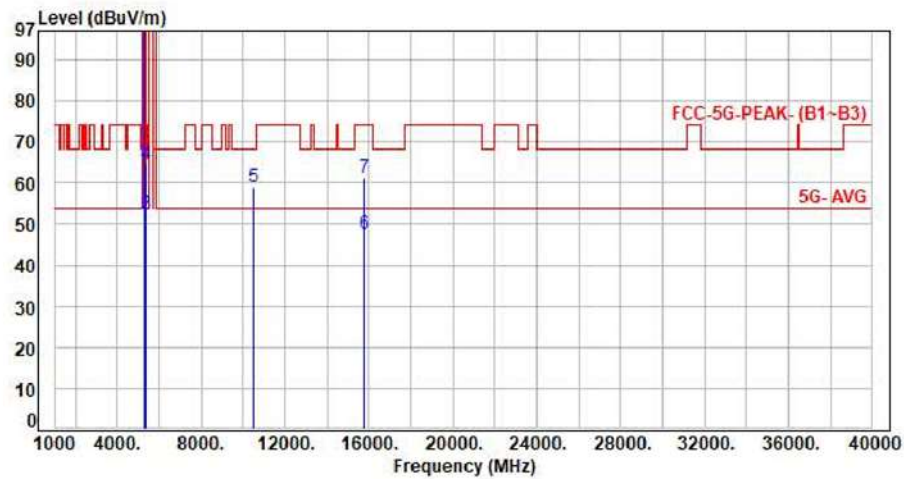


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	6.69	45.56	52.25	54.00	-1.75	Average	125	306	P
2	5150.00	6.69	60.16	66.85	74.00	-7.15	Peak	125	306	P
3	5210.00	6.87	96.47	103.34	200.00	-96.66	Average	125	306	P
4	5210.00	6.87	109.29	116.16	200.00	-83.84	Peak	125	306	P
5	10420.00	14.79	44.35	59.14	68.20	-9.06	Peak	100	314	P
6	15630.00	18.06	30.12	48.18	54.00	-5.82	Average	100	104	P
7	15630.00	18.06	44.88	62.94	74.00	-11.06	Peak	100	104	P

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



Test Mode : 2TX 11a CH52 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

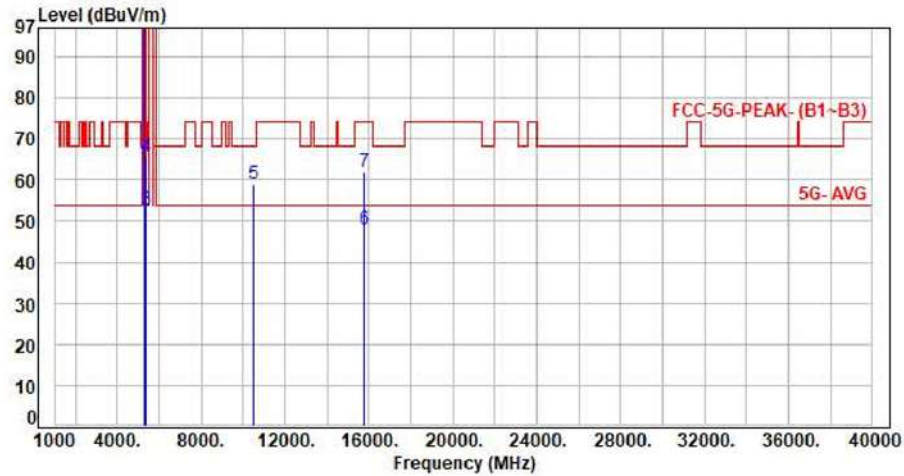


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.99	102.85	109.84	200.00	-90.16	Average	111	17	P
2	5260.00	6.99	113.57	120.56	200.00	-79.44	Peak	111	17	P
3	5350.00	7.27	44.95	52.22	54.00	-1.78	Average	111	17	P
4	5350.00	7.27	57.13	64.40	74.00	-9.60	Peak	111	17	P
5	10520.00	15.08	44.06	59.14	68.20	-9.06	Peak	100	123	P
6	15780.00	17.59	29.86	47.45	54.00	-6.55	Average	100	244	P
7	15780.00	17.59	43.77	61.36	74.00	-12.64	Peak	100	244	P

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



Test Mode : 2TX 11a CH52 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

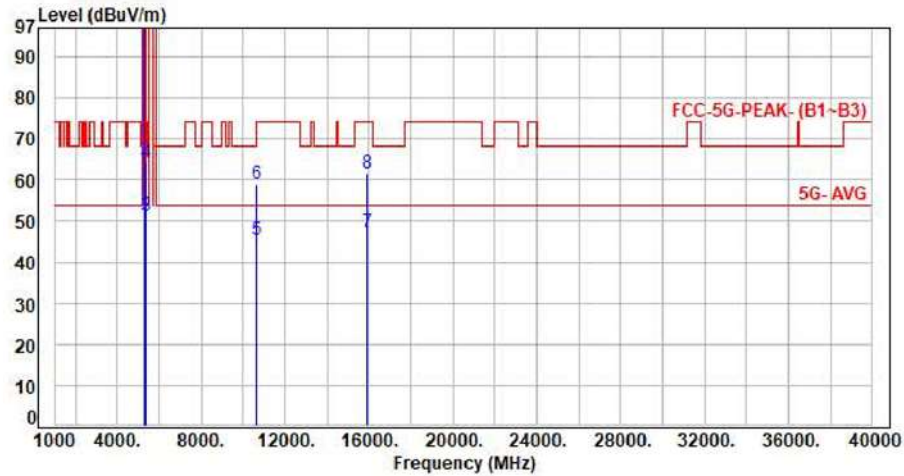


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.99	102.82	109.81	200.00	-90.19	Average	127	306	P
2	5260.00	6.99	113.34	120.33	200.00	-79.67	Peak	127	306	P
3	5350.00	7.27	45.61	52.88	54.00	-1.12	Average	127	306	P
4	5350.00	7.27	58.46	65.73	74.00	-8.27	Peak	127	306	P
5	10520.00	15.08	44.11	59.19	68.20	-9.01	Peak	100	323	P
6	15780.00	17.59	30.22	47.81	54.00	-6.19	Average	100	114	P
7	15780.00	17.59	44.54	62.13	74.00	-11.87	Peak	100	114	P

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



Test Mode : 2TX 11a CH60 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

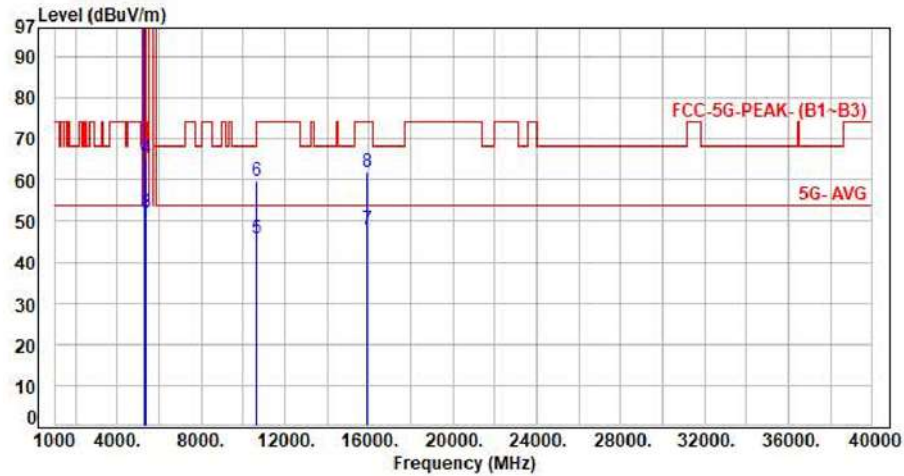


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	7.20	102.94	110.14	200.00	-89.86	Average	110	17	P
2	5300.00	7.20	114.08	121.28	200.00	-78.72	Peak	110	17	P
3	5350.00	7.27	43.94	51.21	54.00	-2.79	Average	110	17	P
4	5350.00	7.27	56.95	64.22	74.00	-9.78	Peak	110	17	P
5	10600.00	15.29	29.99	45.28	54.00	-8.72	Average	100	100	P
6	10600.00	15.29	43.86	59.15	74.00	-14.85	Peak	100	100	P
7	15900.00	17.45	29.88	47.33	54.00	-6.67	Average	100	251	P
8	15900.00	17.45	44.04	61.49	74.00	-12.51	Peak	100	251	P

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



Test Mode : 2TX 11a CH60 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

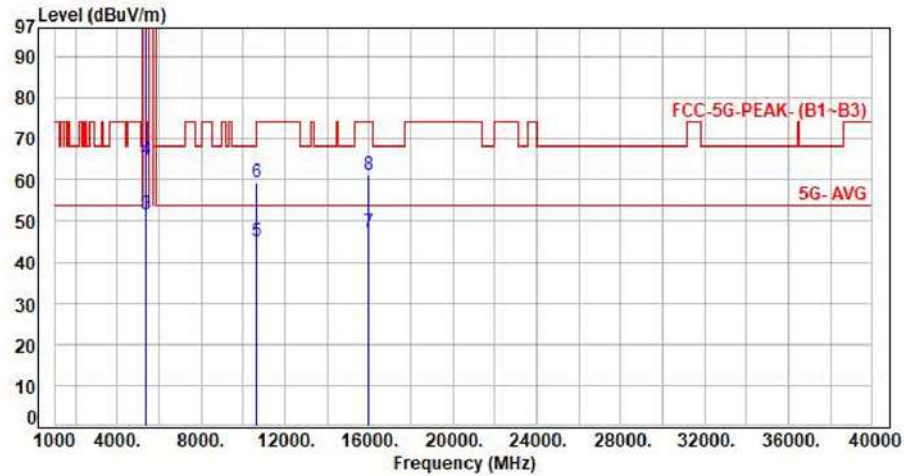


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	7.20	102.89	110.09	200.00	-89.91	Average	124	303	P
2	5300.00	7.20	113.24	120.44	200.00	-79.56	Peak	124	303	P
3	5350.00	7.27	44.90	52.17	54.00	-1.83	Average	124	303	P
4	5350.00	7.27	58.08	65.35	74.00	-8.65	Peak	124	303	P
5	10600.00	15.29	30.31	45.60	54.00	-8.40	Average	100	332	P
6	10600.00	15.29	44.36	59.65	74.00	-14.35	Peak	100	332	P
7	15900.00	17.45	30.66	48.11	54.00	-5.89	Average	100	144	P
8	15900.00	17.45	44.52	61.97	74.00	-12.03	Peak	100	144	P

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



Test Mode : 2TX 11a CH64 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

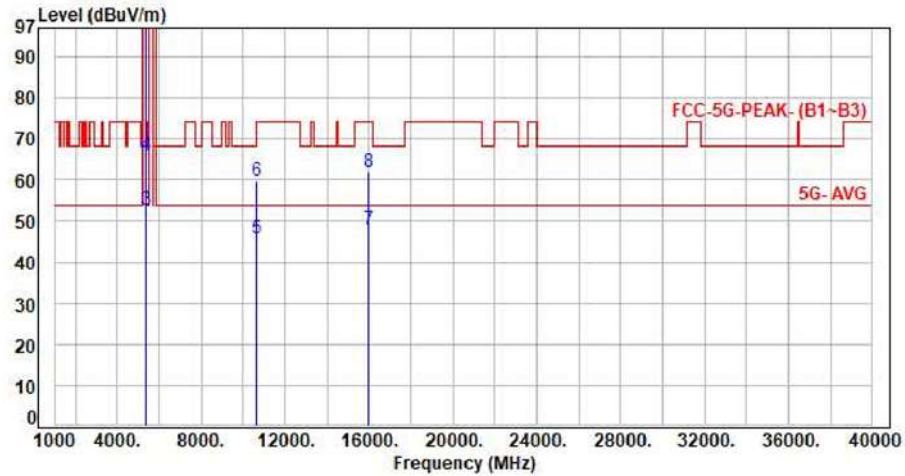


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	7.23	101.41	108.64	200.00	-91.36	Average	118	19	P
2	5320.00	7.23	112.28	119.51	200.00	-80.49	Peak	118	19	P
3	5350.00	7.27	44.44	51.71	54.00	-2.29	Average	118	19	P
4	5350.00	7.27	57.55	64.82	74.00	-9.18	Peak	118	19	P
5	10640.00	15.44	29.53	44.97	54.00	-9.03	Average	100	130	P
6	10640.00	15.44	43.82	59.26	74.00	-14.74	Peak	100	130	P
7	15960.00	17.45	29.79	47.24	54.00	-6.76	Average	100	245	P
8	15960.00	17.45	43.91	61.36	74.00	-12.64	Peak	100	245	P

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



Test Mode : 2TX 11a CH64 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

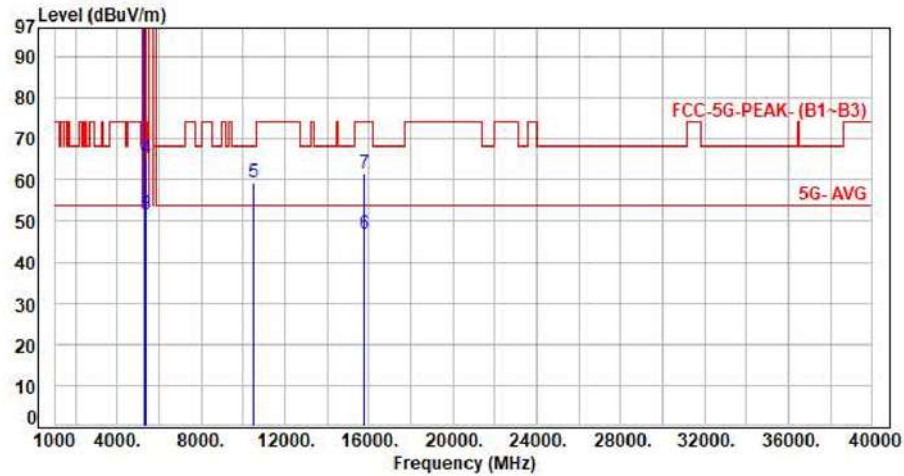


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5320.00	7.23	101.83	109.06	200.00	-90.94	Average	131	306	P
2	5320.00	7.23	112.26	119.49	200.00	-80.51	Peak	131	306	P
3	5350.00	7.27	45.36	52.63	54.00	-1.37	Average	131	306	P
4	5350.00	7.27	58.76	66.03	74.00	-7.97	Peak	131	306	P
5	10640.00	15.44	30.43	45.87	54.00	-8.13	Average	100	302	P
6	10640.00	15.44	44.23	59.67	74.00	-14.33	Peak	100	302	P
7	15960.00	17.45	30.56	48.01	54.00	-5.99	Average	100	122	P
8	15960.00	17.45	44.62	62.07	74.00	-11.93	Peak	100	122	P

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



Test Mode : 2TX 11ax20 CH52 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

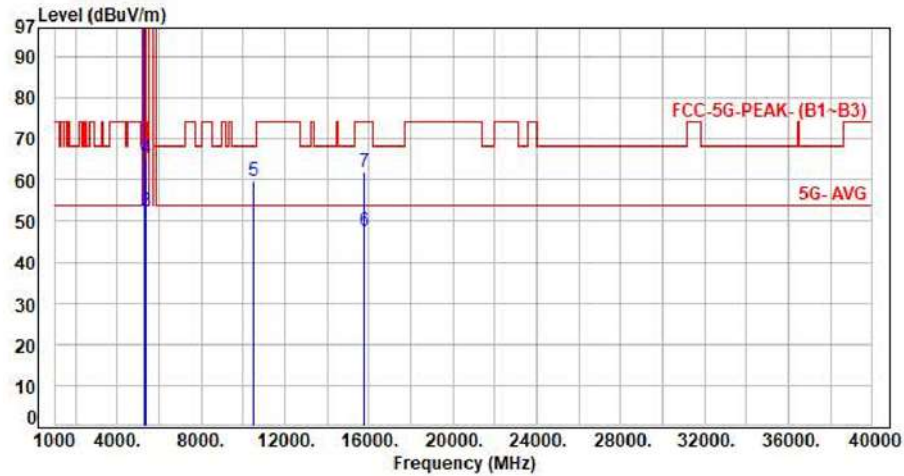


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.99	102.99	109.98	200.00	-90.02	Average	113	18	P
2	5260.00	6.99	116.66	123.65	200.00	-76.35	Peak	113	18	P
3	5350.00	7.27	44.23	51.50	54.00	-2.50	Average	113	18	P
4	5350.00	7.27	57.96	65.23	74.00	-8.77	Peak	113	18	P
5	10520.00	15.08	44.13	59.21	68.20	-8.99	Peak	100	136	P
6	15780.00	17.59	29.43	47.02	54.00	-6.98	Average	100	220	P
7	15780.00	17.59	43.88	61.47	74.00	-12.53	Peak	100	220	P

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



Test Mode : 2TX 11ax20 CH52 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

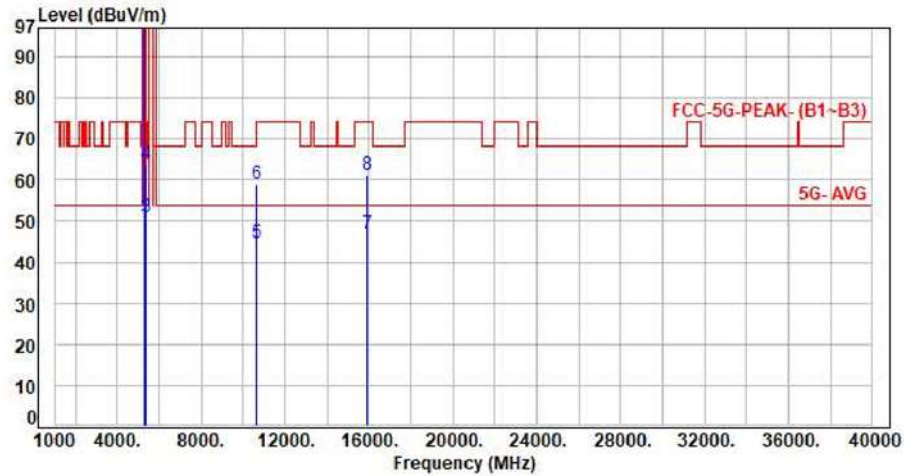


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5260.00	6.99	103.08	110.07	200.00	-89.93	Average	125	304	P
2	5260.00	6.99	117.14	124.13	200.00	-75.87	Peak	125	304	P
3	5350.00	7.27	45.21	52.48	54.00	-1.52	Average	125	304	P
4	5350.00	7.27	58.17	65.44	74.00	-8.56	Peak	125	304	P
5	10520.00	15.08	44.67	59.75	68.20	-8.45	Peak	100	311	P
6	15780.00	17.59	29.92	47.51	54.00	-6.49	Average	100	94	P
7	15780.00	17.59	44.49	62.08	74.00	-11.92	Peak	100	94	P

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



Test Mode : 2TX 11ax20 CH60 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

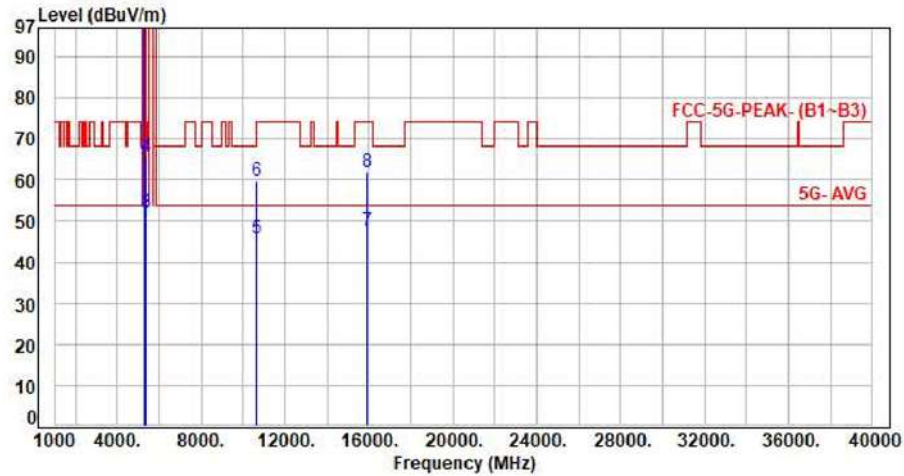


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	7.20	103.75	110.95	200.00	-89.05	Average	110	17	P
2	5300.00	7.20	117.29	124.49	200.00	-75.51	Peak	110	17	P
3	5350.00	7.27	43.76	51.03	54.00	-2.97	Average	110	17	P
4	5350.00	7.27	56.66	63.93	74.00	-10.07	Peak	110	17	P
5	10600.00	15.29	29.31	44.60	54.00	-9.40	Average	100	119	P
6	10600.00	15.29	43.72	59.01	74.00	-14.99	Peak	100	119	P
7	15900.00	17.45	29.57	47.02	54.00	-6.98	Average	100	264	P
8	15900.00	17.45	43.91	61.36	74.00	-12.64	Peak	100	264	P

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



Test Mode : 2TX 11ax20 CH60 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

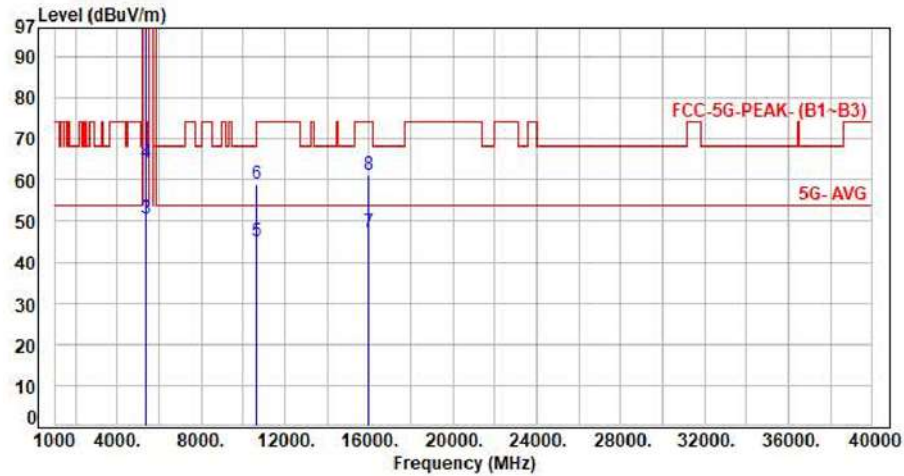


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5300.00	7.20	104.24	111.44	200.00	-88.56	Average	102	301	P
2	5300.00	7.20	118.39	125.59	200.00	-74.41	Peak	102	301	P
3	5350.00	7.27	44.85	52.12	54.00	-1.88	Average	102	301	P
4	5350.00	7.27	58.22	65.49	74.00	-8.51	Peak	102	301	P
5	10600.00	15.29	30.47	45.76	54.00	-8.24	Average	100	291	P
6	10600.00	15.29	44.51	59.80	74.00	-14.20	Peak	100	291	P
7	15900.00	17.45	30.28	47.73	54.00	-6.27	Average	100	129	P
8	15900.00	17.45	44.62	62.07	74.00	-11.93	Peak	100	129	P

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



Test Mode : 2TX 11ax20 CH64 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



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	7.23	100.22	107.45	200.00	-92.55	Average	119	20	P
2	5320.00	7.23	114.01	121.24	200.00	-78.76	Peak	119	20	P
3	5350.00	7.27	43.40	50.67	54.00	-3.33	Average	119	20	P
4	5350.00	7.27	56.87	64.14	74.00	-9.86	Peak	119	20	P
5	10640.00	15.44	29.53	44.97	54.00	-9.03	Average	100	104	P
6	10640.00	15.44	43.73	59.17	74.00	-14.83	Peak	100	104	P
7	15960.00	17.45	29.64	47.09	54.00	-6.91	Average	100	211	P
8	15960.00	17.45	43.83	61.28	74.00	-12.72	Peak	100	211	P

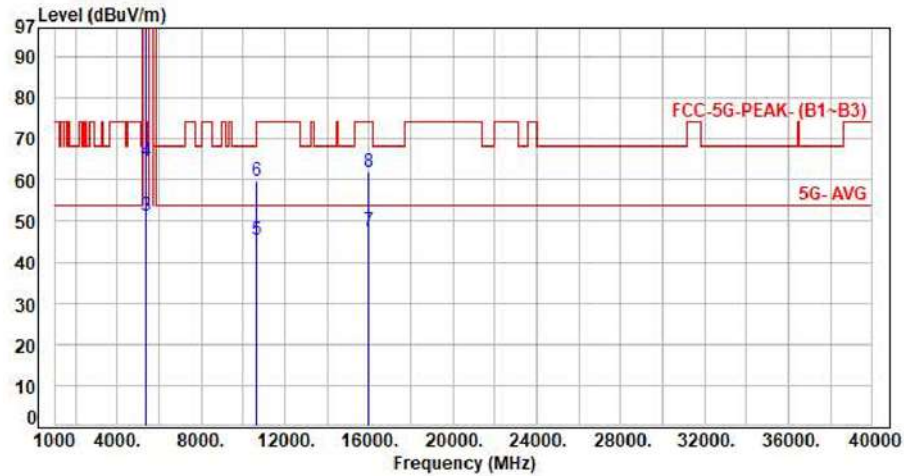
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ax20 CH64 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



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	7.23	100.69	107.92	200.00	-92.08	Average	100	306	P
2	5320.00	7.23	114.88	122.11	200.00	-77.89	Peak	100	306	P
3	5350.00	7.27	43.91	51.18	54.00	-2.82	Average	100	306	P
4	5350.00	7.27	57.33	64.60	74.00	-9.40	Peak	100	306	P
5	10640.00	15.44	30.04	45.48	54.00	-8.52	Average	100	337	P
6	10640.00	15.44	44.18	59.62	74.00	-14.38	Peak	100	337	P
7	15960.00	17.45	30.22	47.67	54.00	-6.33	Average	100	151	P
8	15960.00	17.45	44.44	61.89	74.00	-12.11	Peak	100	151	P

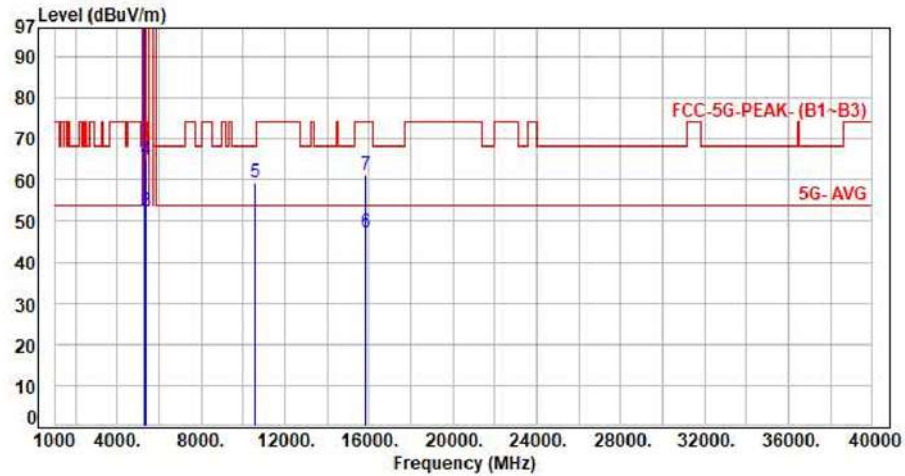
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ax40 CH54 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

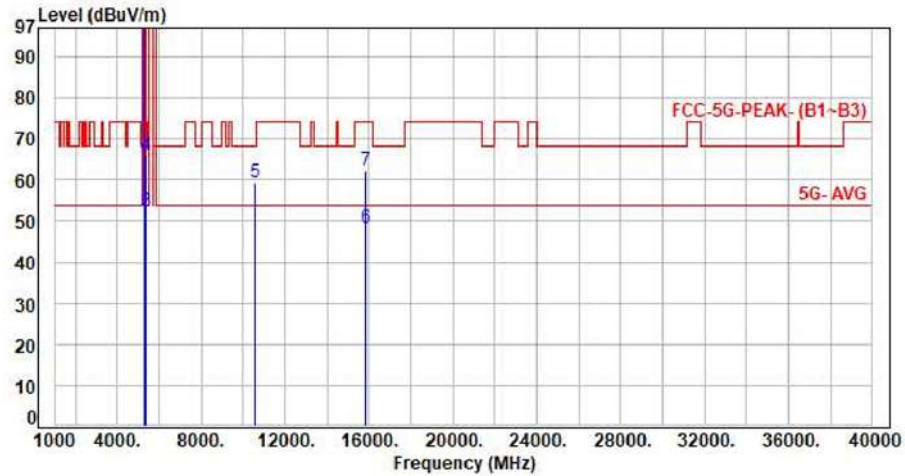


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	7.04	100.89	107.93	200.00	-92.07	Average	126	16	P
2	5270.00	7.04	114.25	121.29	200.00	-78.71	Peak	126	16	P
3	5350.00	7.27	45.05	52.32	54.00	-1.68	Average	126	16	P
4	5350.00	7.27	57.80	65.07	74.00	-8.93	Peak	126	16	P
5	10540.00	15.17	44.11	59.28	68.20	-8.92	Peak	100	107	P
6	15810.00	17.49	29.76	47.25	54.00	-6.75	Average	100	241	P
7	15810.00	17.49	43.89	61.38	74.00	-12.62	Peak	100	241	P

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



Test Mode : 2TX 11ax40 CH54 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

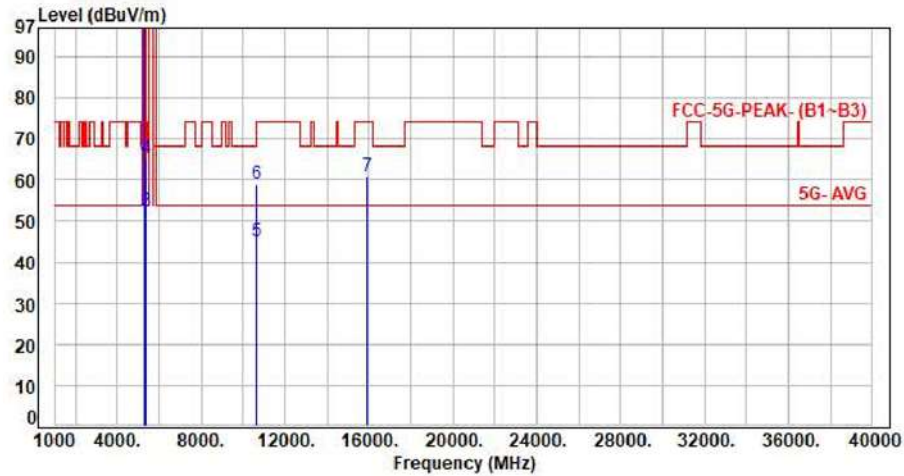


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	7.04	100.91	107.95	200.00	-92.05	Average	123	304	P
2	5270.00	7.04	114.30	121.34	200.00	-78.66	Peak	123	304	P
3	5350.00	7.27	45.14	52.41	54.00	-1.59	Average	123	304	P
4	5350.00	7.27	58.73	66.00	74.00	-8.00	Peak	123	304	P
5	10540.00	15.17	44.30	59.47	68.20	-8.73	Peak	100	327	P
6	15810.00	17.49	30.77	48.26	54.00	-5.74	Average	100	111	P
7	15810.00	17.49	44.66	62.15	74.00	-11.85	Peak	100	111	P

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



Test Mode : 2TX 11ax40 CH62 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

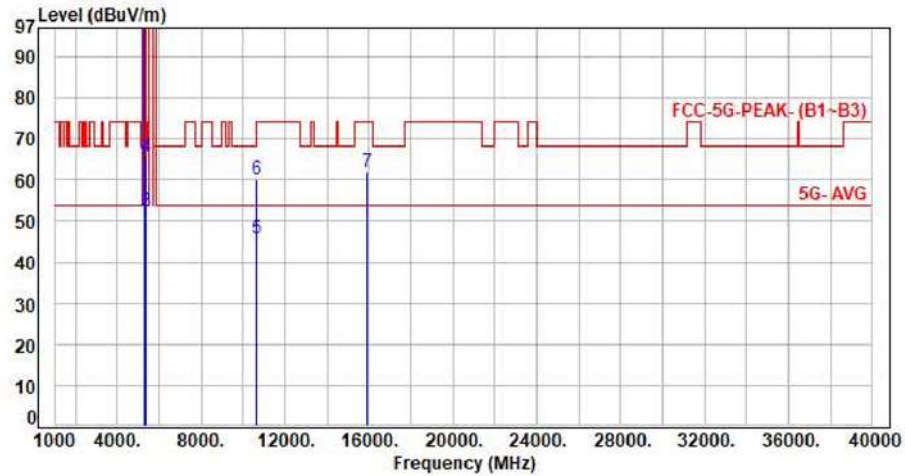


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	7.22	97.89	105.11	200.00	-94.89	Average	124	19	P
2	5310.00	7.22	111.04	118.26	200.00	-81.74	Peak	124	19	P
3	5350.00	7.27	45.01	52.28	54.00	-1.72	Average	124	19	P
4	5350.00	7.27	57.85	65.12	74.00	-8.88	Peak	124	19	P
5	10620.00	15.37	29.44	44.81	54.00	-9.19	Average	100	137	P
6	10620.00	15.37	43.66	59.03	74.00	-14.97	Peak	100	137	P
7	15930.00	17.44	43.41	60.85	74.00	-13.15	Peak	100	267	P

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



Test Mode : 2TX 11ax40 CH62 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

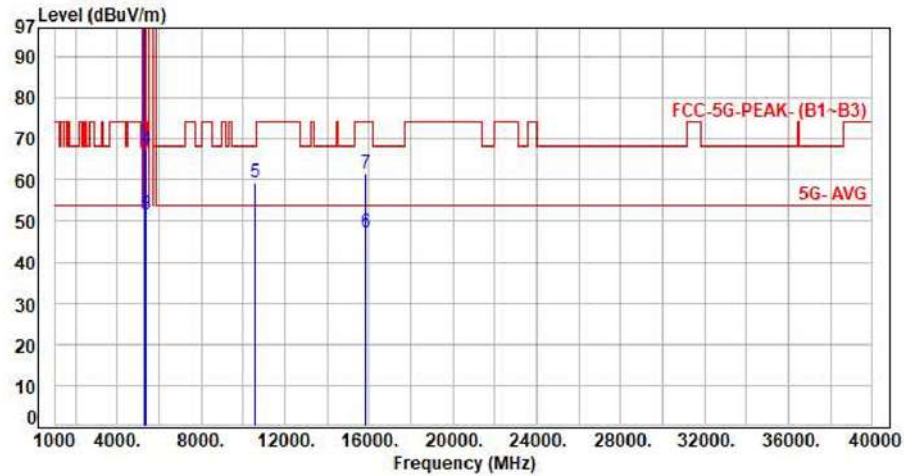


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5310.00	7.22	98.40	105.62	200.00	-94.38	Average	138	305	P
2	5310.00	7.22	111.87	119.09	200.00	-80.91	Peak	138	305	P
3	5350.00	7.27	45.09	52.36	54.00	-1.64	Average	138	305	P
4	5350.00	7.27	58.51	65.78	74.00	-8.22	Peak	138	305	P
5	10620.00	15.37	30.23	45.60	54.00	-8.40	Average	100	328	P
6	10620.00	15.37	44.68	60.05	74.00	-13.95	Peak	100	328	P
7	15930.00	17.44	44.55	61.99	74.00	-12.01	Peak	100	107	P

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



Test Mode : 2TX 11ax80 CH58 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

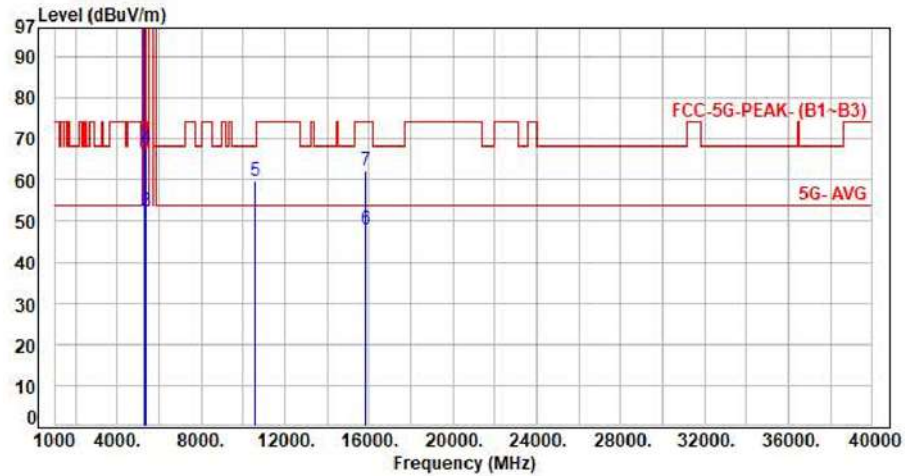


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	7.15	95.93	103.08	200.00	-96.92	Average	112	19	P
2	5290.00	7.15	109.54	116.69	200.00	-83.31	Peak	112	19	P
3	5350.00	7.27	44.29	51.56	54.00	-2.44	Average	112	19	P
4	5350.00	7.27	60.08	67.35	74.00	-6.65	Peak	112	19	P
5	10580.00	15.25	44.01	59.26	68.20	-8.94	Peak	100	141	P
6	15870.00	17.47	29.77	47.24	54.00	-6.76	Average	100	221	P
7	15870.00	17.47	43.96	61.43	74.00	-12.57	Peak	100	221	P

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



Test Mode : 2TX 11ax80 CH58 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

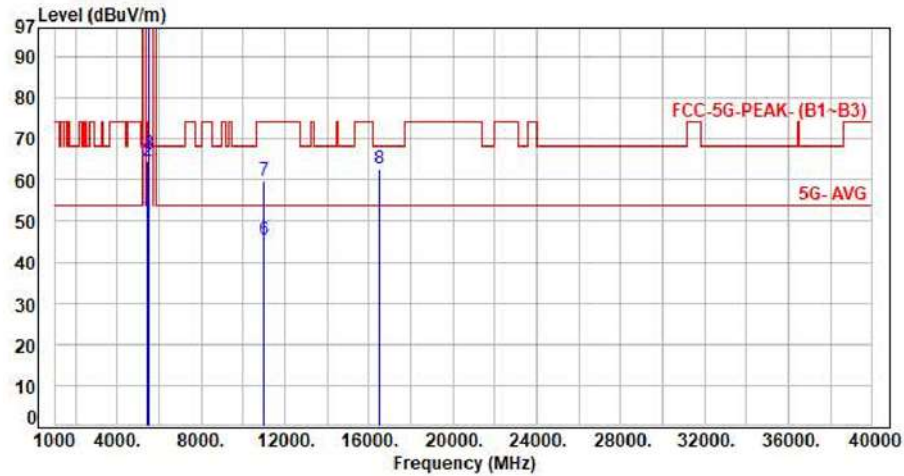


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5290.00	7.15	95.83	102.98	200.00	-97.02	Average	130	307	P
2	5290.00	7.15	108.58	115.73	200.00	-84.27	Peak	130	307	P
3	5350.00	7.27	45.10	52.37	54.00	-1.63	Average	130	307	P
4	5350.00	7.27	60.63	67.90	74.00	-6.10	Peak	130	307	P
5	10580.00	15.25	44.57	59.82	68.20	-8.38	Peak	100	318	P
6	15870.00	17.47	30.46	47.93	54.00	-6.07	Average	100	117	P
7	15870.00	17.47	44.92	62.39	74.00	-11.61	Peak	100	117	P

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



Test Mode : 2TX 11a CH100 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

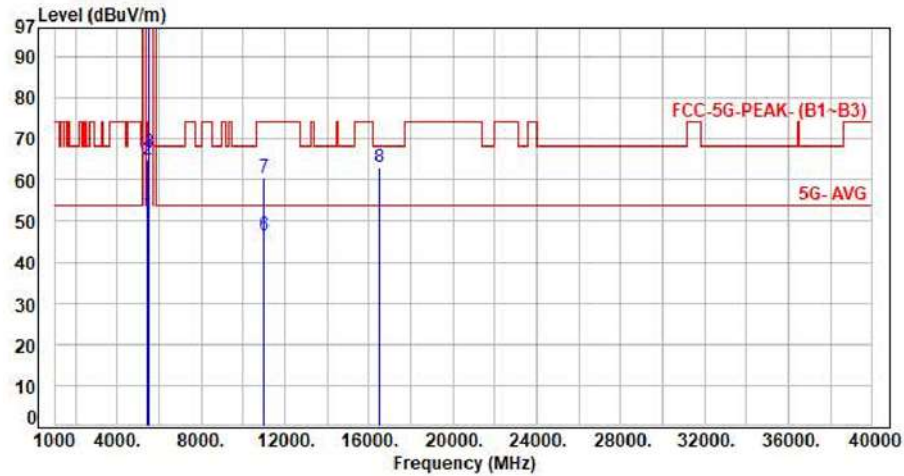


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	43.40	50.95	54.00	-3.05	Average	182	23	P
2	5460.00	7.55	56.89	64.44	74.00	-9.56	Peak	182	23	P
3	5470.00	7.58	58.78	66.36	68.20	-1.84	Peak	182	23	P
4	5500.00	7.68	101.40	109.08	200.00	-90.92	Average	182	23	P
5	5500.00	7.68	111.74	119.42	200.00	-80.58	Peak	182	23	P
6	11000.00	16.20	29.34	45.54	54.00	-8.46	Average	100	118	P
7	11000.00	16.20	43.66	59.86	74.00	-14.14	Peak	100	118	P
8	16500.00	18.92	43.78	62.70	68.20	-5.50	Peak	100	226	P

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



Test Mode : 2TX 11a CH100 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

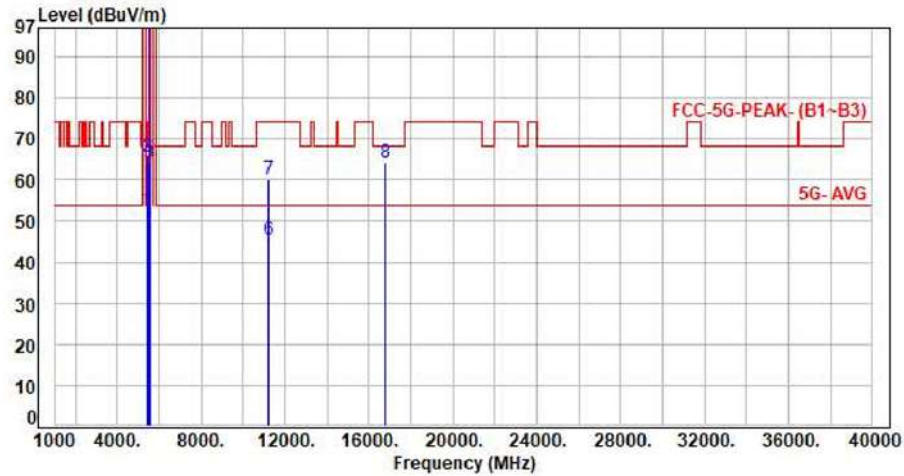


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	43.94	51.49	54.00	-2.51	Average	122	312	P
2	5460.00	7.55	57.21	64.76	74.00	-9.24	Peak	122	312	P
3	5470.00	7.58	59.00	66.58	68.20	-1.62	Peak	122	312	P
4	5500.00	7.68	103.34	111.02	200.00	-88.98	Average	122	312	P
5	5500.00	7.68	113.83	121.51	200.00	-78.49	Peak	122	312	P
6	11000.00	16.20	30.35	46.55	54.00	-7.45	Average	100	334	P
7	11000.00	16.20	44.23	60.43	74.00	-13.57	Peak	100	334	P
8	16500.00	18.92	44.02	62.94	68.20	-5.26	Peak	100	134	P

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



Test Mode : 2TX 11a CH120 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

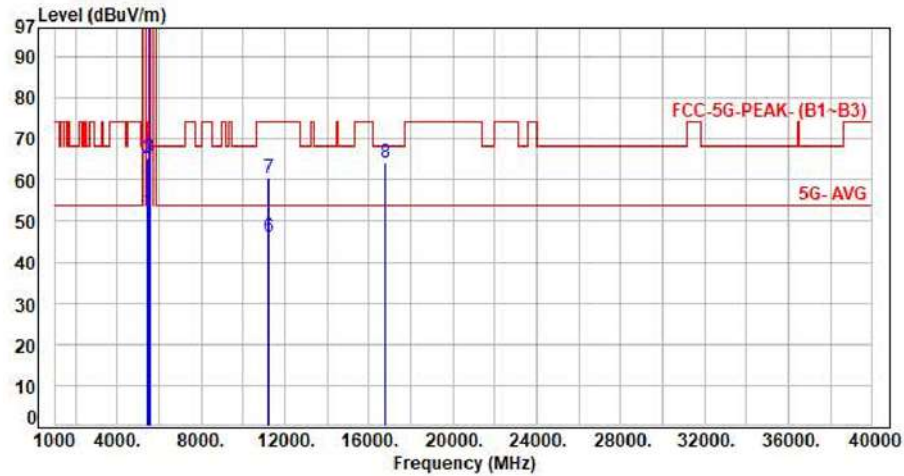


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	45.18	52.73	54.00	-1.27	Average	152	21	P
2	5460.00	7.55	58.06	65.61	74.00	-8.39	Peak	152	21	P
3	5470.00	7.58	56.71	64.29	68.20	-3.91	Peak	152	21	P
4	5600.00	7.51	99.63	107.14	200.00	-92.86	Average	152	21	P
5	5600.00	7.51	109.95	117.46	200.00	-82.54	Peak	152	21	P
6	11200.00	16.28	29.22	45.50	54.00	-8.50	Average	100	159	P
7	11200.00	16.28	43.76	60.04	74.00	-13.96	Peak	100	159	P
8	16800.00	20.60	43.67	64.27	68.20	-3.93	Peak	100	232	P

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



Test Mode : 2TX 11a CH120 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

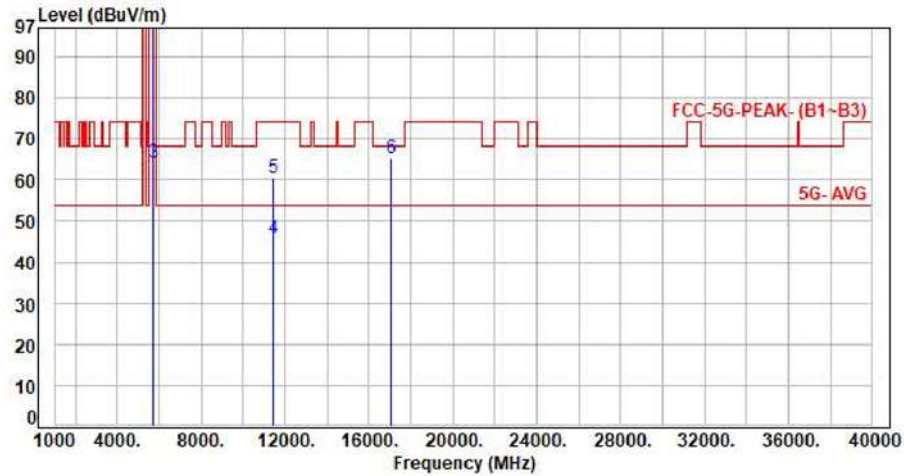


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	44.84	52.39	54.00	-1.61	Average	117	59	P
2	5460.00	7.55	57.79	65.34	74.00	-8.66	Peak	117	59	P
3	5470.00	7.58	57.89	65.47	68.20	-2.73	Peak	117	59	P
4	5600.00	7.51	101.47	108.98	200.00	-91.02	Average	117	59	P
5	5600.00	7.51	112.43	119.94	200.00	-80.06	Peak	117	59	P
6	11200.00	16.28	29.75	46.03	54.00	-7.97	Average	100	333	P
7	11200.00	16.28	44.26	60.54	74.00	-13.46	Peak	100	333	P
8	16800.00	20.60	43.72	64.32	68.20	-3.88	Peak	100	114	P

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



Test Mode : 2TX 11a CH140 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

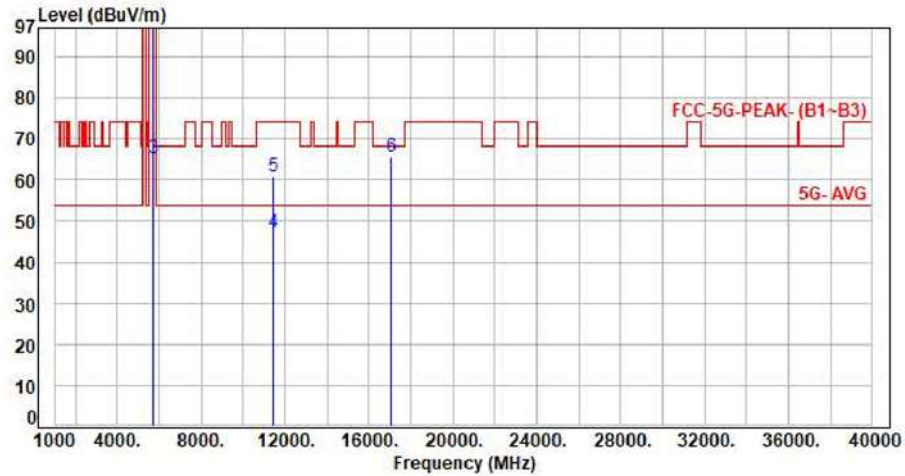


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	7.43	99.44	106.87	200.00	-93.13	Average	135	24	P
2	5700.00	7.43	109.83	117.26	200.00	-82.74	Peak	135	24	P
3	5725.00	7.43	56.69	64.12	68.20	-4.08	Peak	135	24	P
4	11400.00	16.35	29.34	45.69	54.00	-8.31	Average	100	138	P
5	11400.00	16.35	44.09	60.44	74.00	-13.56	Peak	100	138	P
6	17100.00	21.91	43.42	65.33	68.20	-2.87	Peak	100	214	P

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



Test Mode : 2TX 11a CH140 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

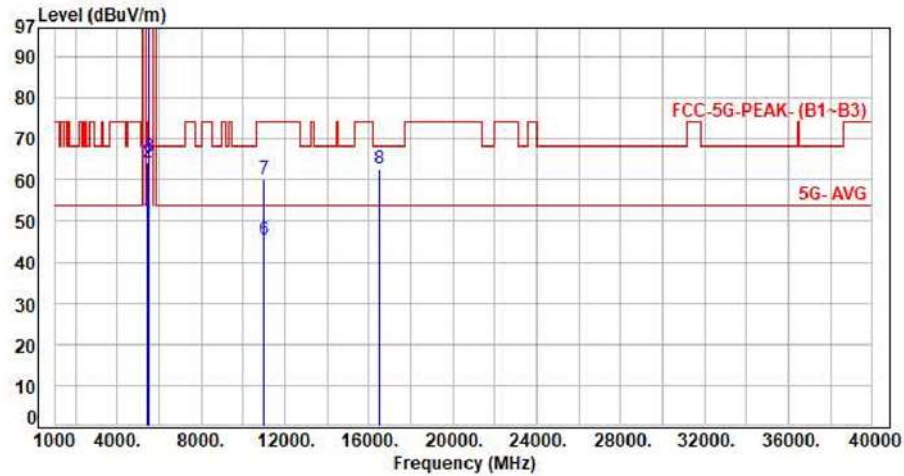


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	7.43	102.70	110.13	200.00	-89.87	Average	112	57	P
2	5700.00	7.43	113.42	120.85	200.00	-79.15	Peak	112	57	P
3	5725.00	7.43	57.74	65.17	68.20	-3.03	Peak	112	57	P
4	11400.00	16.35	30.75	47.10	54.00	-6.90	Average	100	324	P
5	11400.00	16.35	44.61	60.96	74.00	-13.04	Peak	100	324	P
6	17100.00	21.91	43.63	65.54	68.20	-2.66	Peak	100	121	P

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



Test Mode : 2TX 11ax20 CH100 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

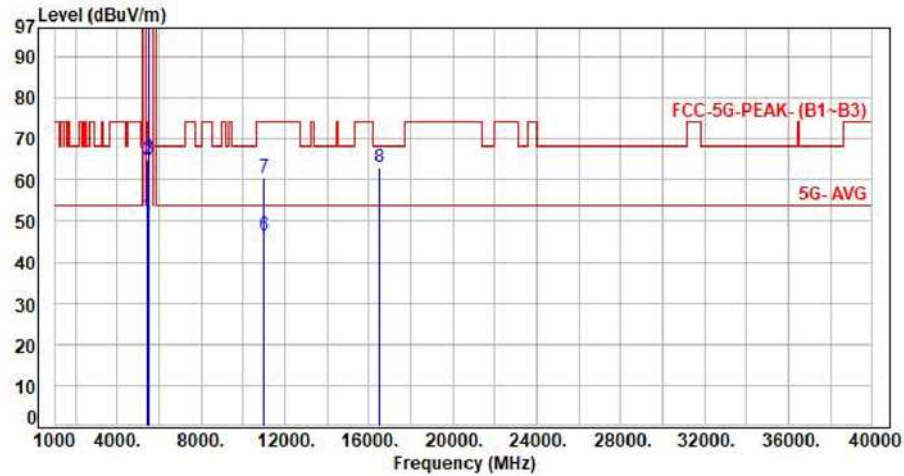


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.86	50.41	54.00	-3.59	Average	156	23	P
2	5460.00	7.55	56.63	64.18	74.00	-9.82	Peak	156	23	P
3	5470.00	7.58	57.89	65.47	68.20	-2.73	Peak	156	23	P
4	5500.00	7.68	100.31	107.99	200.00	-92.01	Average	156	23	P
5	5500.00	7.68	114.64	122.32	200.00	-77.68	Peak	156	23	P
6	11000.00	16.20	29.32	45.52	54.00	-8.48	Average	100	131	P
7	11000.00	16.20	44.09	60.29	74.00	-13.71	Peak	100	131	P
8	16500.00	18.92	43.85	62.77	68.20	-5.43	Peak	100	275	P

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



Test Mode : 2TX 11ax20 CH100 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

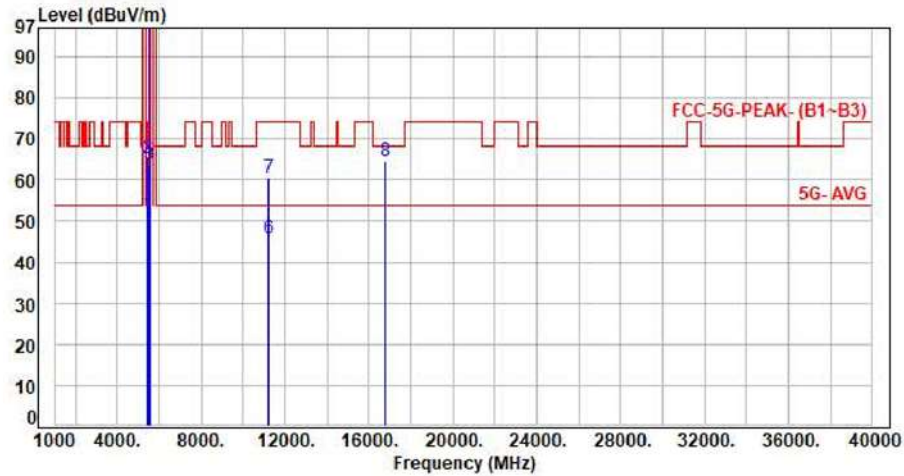


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	43.60	51.15	54.00	-2.85	Average	128	306	P
2	5460.00	7.55	57.29	64.84	74.00	-9.16	Peak	128	306	P
3	5470.00	7.58	57.76	65.34	68.20	-2.86	Peak	128	306	P
4	5500.00	7.68	102.25	109.93	200.00	-90.07	Average	128	306	P
5	5500.00	7.68	116.19	123.87	200.00	-76.13	Peak	128	306	P
6	11000.00	16.20	30.22	46.42	54.00	-7.58	Average	100	336	P
7	11000.00	16.20	44.47	60.67	74.00	-13.33	Peak	100	336	P
8	16500.00	18.92	44.23	63.15	68.20	-5.05	Peak	100	142	P

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



Test Mode : 2TX 11ax20 CH120 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

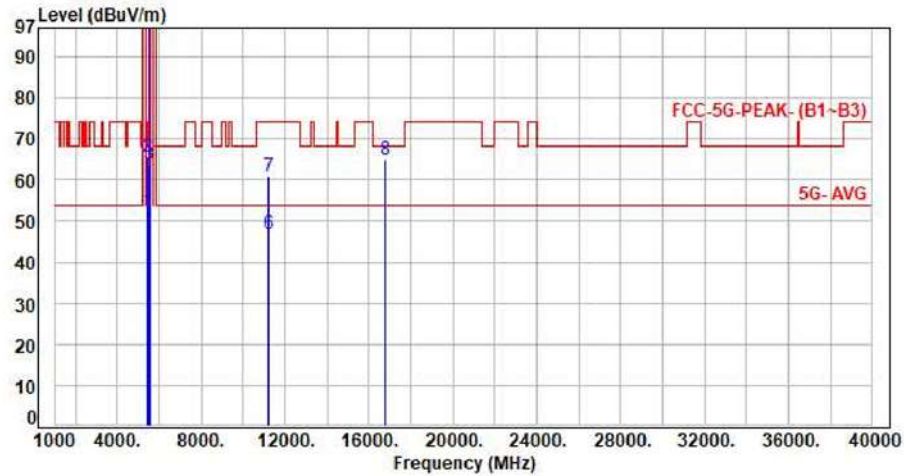


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	44.22	51.77	54.00	-2.23	Average	141	22	P
2	5460.00	7.55	57.71	65.26	74.00	-8.74	Peak	141	22	P
3	5470.00	7.58	56.41	63.99	68.20	-4.21	Peak	141	22	P
4	5600.00	7.51	97.76	105.27	200.00	-94.73	Average	141	22	P
5	5600.00	7.51	112.15	119.66	200.00	-80.34	Peak	141	22	P
6	11200.00	16.28	29.43	45.71	54.00	-8.29	Average	100	147	P
7	11200.00	16.28	44.06	60.34	74.00	-13.66	Peak	100	147	P
8	16800.00	20.60	43.86	64.46	68.20	-3.74	Peak	100	238	P

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



Test Mode : 2TX 11ax20 CH120 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

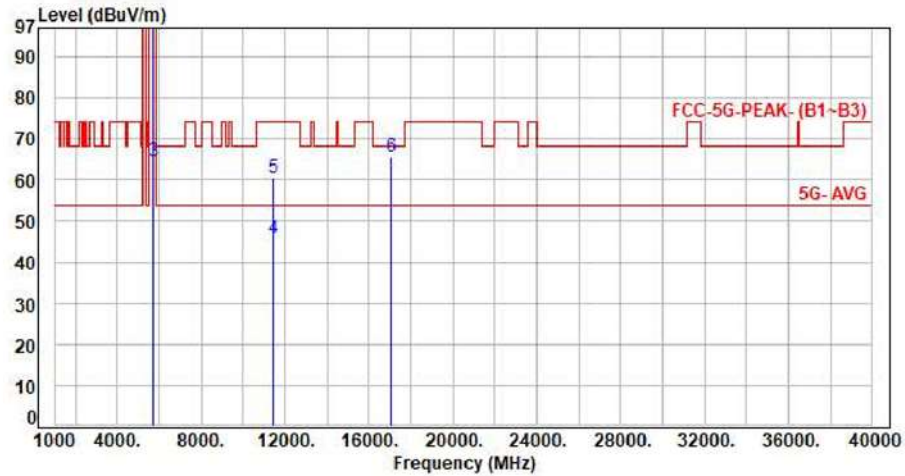


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	44.98	52.53	54.00	-1.47	Average	243	54	P
2	5460.00	7.55	58.24	65.79	74.00	-8.21	Peak	243	54	P
3	5470.00	7.58	56.29	63.87	68.20	-4.33	Peak	243	54	P
4	5600.00	7.51	98.79	106.30	200.00	-93.70	Average	243	54	P
5	5600.00	7.51	112.85	120.36	200.00	-79.64	Peak	243	54	P
6	11200.00	16.28	30.42	46.70	54.00	-7.30	Average	100	345	P
7	11200.00	16.28	44.76	61.04	74.00	-12.96	Peak	100	345	P
8	16800.00	20.60	44.34	64.94	68.20	-3.26	Peak	100	115	P

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



Test Mode : 2TX 11ax20 CH140 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

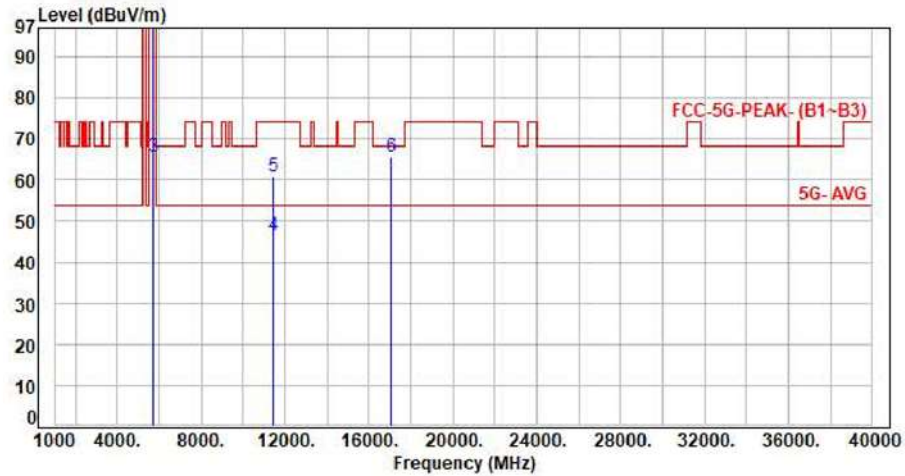


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	7.43	99.65	107.08	200.00	-92.92	Average	129	22	P
2	5700.00	7.43	113.91	121.34	200.00	-78.66	Peak	129	22	P
3	5725.00	7.43	57.09	64.52	68.20	-3.68	Peak	129	22	P
4	11400.00	16.35	29.39	45.74	54.00	-8.26	Average	100	110	P
5	11400.00	16.35	44.07	60.42	74.00	-13.58	Peak	100	110	P
6	17100.00	21.91	43.56	65.47	68.20	-2.73	Peak	100	110	P

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



Test Mode : 2TX 11ax20 CH140 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

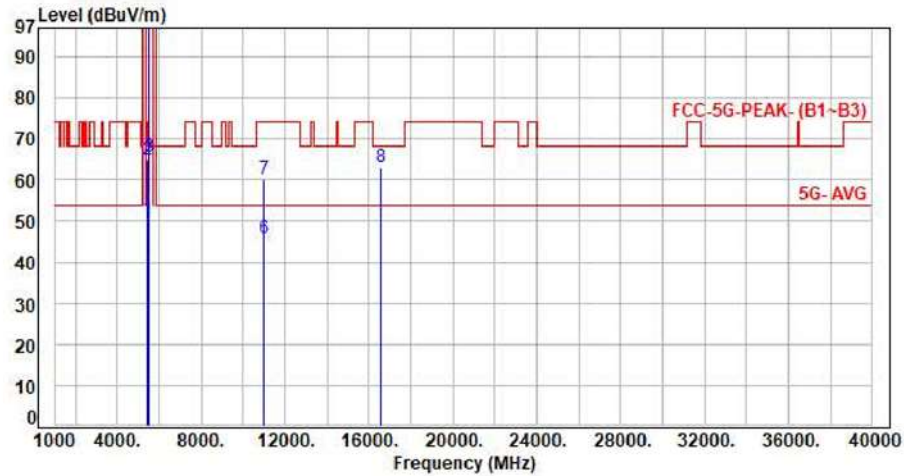


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5700.00	7.43	101.75	109.18	200.00	-90.82	Average	236	57	P
2	5700.00	7.43	116.21	123.64	200.00	-76.36	Peak	236	57	P
3	5725.00	7.43	58.28	65.71	68.20	-2.49	Peak	236	57	P
4	11400.00	16.35	30.21	46.56	54.00	-7.44	Average	100	332	P
5	11400.00	16.35	44.55	60.90	74.00	-13.10	Peak	100	332	P
6	17100.00	21.91	43.86	65.77	68.20	-2.43	Peak	100	154	P

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



Test Mode : 2TX 11ax40 CH102 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

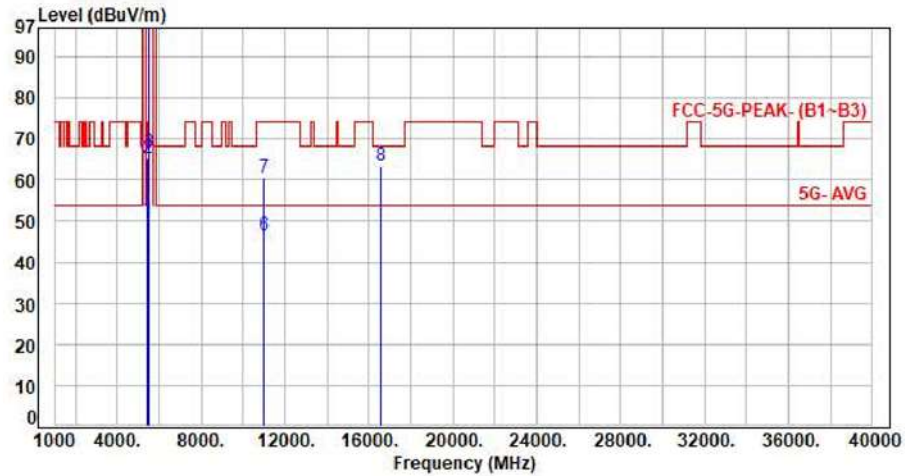


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	42.82	50.37	54.00	-3.63	Average	159	20	P
2	5460.00	7.55	57.21	64.76	74.00	-9.24	Peak	159	20	P
3	5470.00	7.58	58.17	65.75	68.20	-2.45	Peak	159	20	P
4	5510.00	7.66	97.15	104.81	200.00	-95.19	Average	159	20	P
5	5510.00	7.66	109.86	117.52	200.00	-82.48	Peak	159	20	P
6	11020.00	16.20	29.46	45.66	54.00	-8.34	Average	100	114	P
7	11020.00	16.20	44.07	60.27	74.00	-13.73	Peak	100	114	P
8	16530.00	19.08	43.86	62.94	68.20	-5.26	Peak	100	233	P

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



Test Mode : 2TX 11ax40 CH102 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

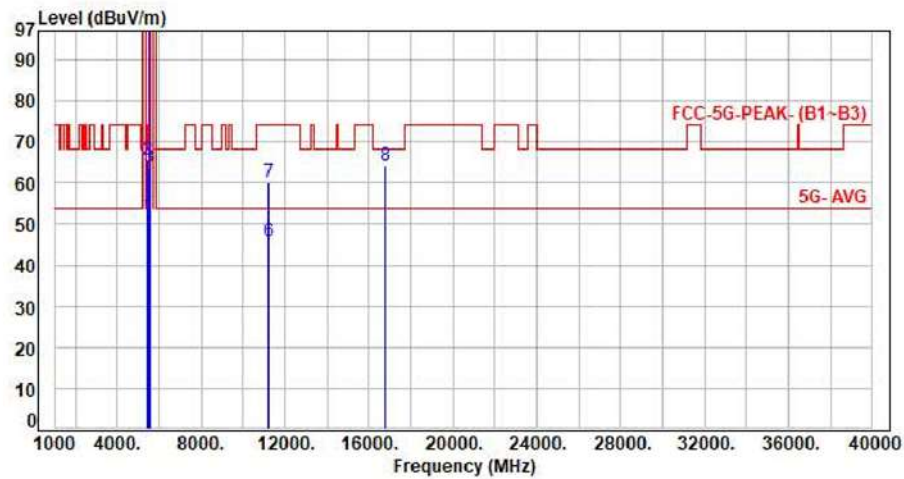


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	43.15	50.70	54.00	-3.30	Average	121	307	P
2	5460.00	7.55	57.59	65.14	74.00	-8.86	Peak	121	307	P
3	5470.00	7.58	59.08	66.66	68.20	-1.54	Peak	121	307	P
4	5510.00	7.66	98.40	106.06	200.00	-93.94	Average	121	307	P
5	5510.00	7.66	111.73	119.39	200.00	-80.61	Peak	121	307	P
6	11020.00	16.20	30.35	46.55	54.00	-7.45	Average	100	326	P
7	11020.00	16.20	44.38	60.58	74.00	-13.42	Peak	100	326	P
8	16530.00	19.08	44.39	63.47	68.20	-4.73	Peak	100	326	P

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



Test Mode : 2TX 11ax40 CH118 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



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	7.55	44.60	52.15	54.00	-1.85	Average	156	22	P
2	5460.00	7.55	57.97	65.52	74.00	-8.48	Peak	156	22	P
3	5470.00	7.58	56.37	63.95	68.20	-4.25	Peak	156	22	P
4	5590.00	7.53	100.84	108.37	200.00	-91.63	Average	156	22	P
5	5590.00	7.53	114.21	121.74	200.00	-78.26	Peak	156	22	P
6	11180.00	16.24	29.55	45.79	54.00	-8.21	Average	100	108	P
7	11180.00	16.24	43.76	60.00	74.00	-14.00	Peak	100	108	P
8	16770.00	20.39	43.95	64.34	68.20	-3.86	Peak	100	270	P

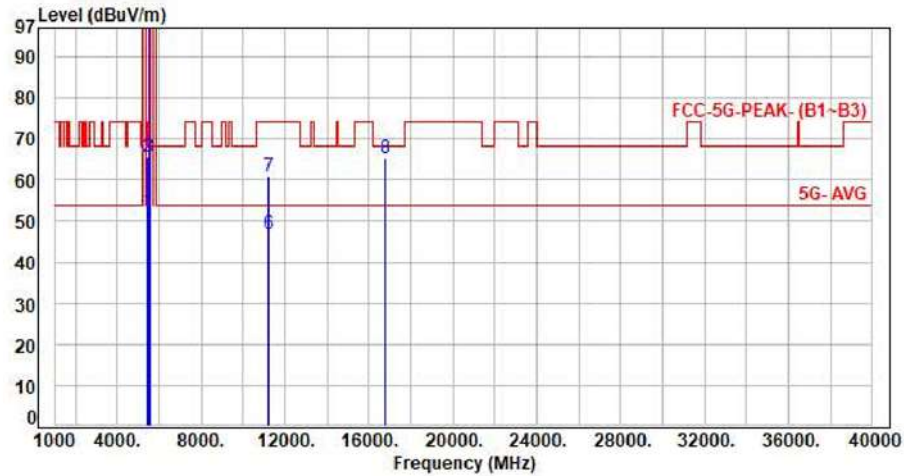
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ax40 CH118 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

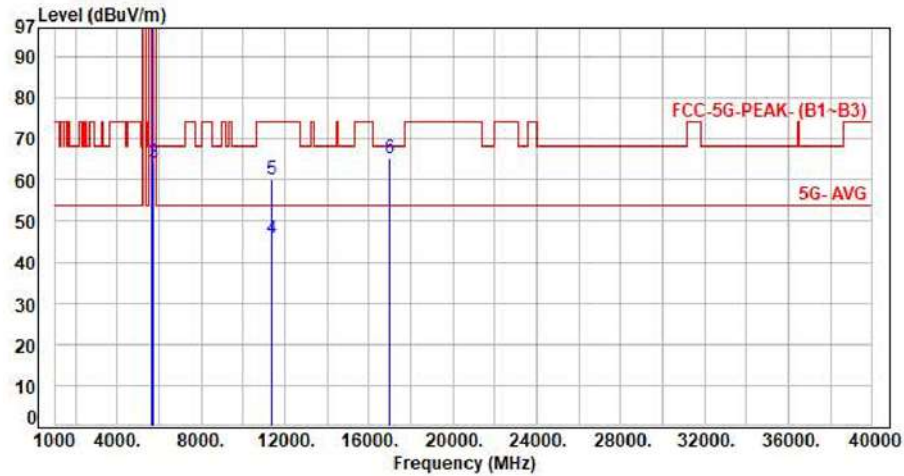


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5460.00	7.55	44.70	52.25	54.00	-1.75	Average	150	57	P
2	5460.00	7.55	57.98	65.53	74.00	-8.47	Peak	150	57	P
3	5470.00	7.58	58.04	65.62	68.20	-2.58	Peak	150	57	P
4	5590.00	7.53	102.30	109.83	200.00	-90.17	Average	150	57	P
5	5590.00	7.53	116.04	123.57	200.00	-76.43	Peak	150	57	P
6	11180.00	16.24	30.56	46.80	54.00	-7.20	Average	100	347	P
7	11180.00	16.24	44.63	60.87	74.00	-13.13	Peak	100	347	P
8	16770.00	20.39	44.77	65.16	68.20	-3.04	Peak	100	129	P

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



Test Mode : 2TX 11ax40 CH134 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

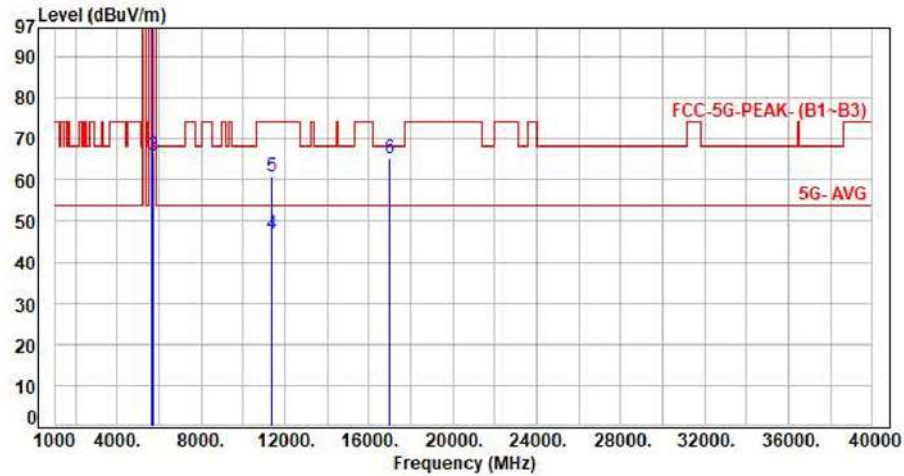


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	7.48	97.02	104.50	200.00	-95.50	Average	150	23	P
2	5670.00	7.48	109.71	117.19	200.00	-82.81	Peak	150	23	P
3	5725.00	7.43	56.61	64.04	68.20	-4.16	Peak	150	23	P
4	11340.00	16.33	29.48	45.81	54.00	-8.19	Average	100	109	P
5	11340.00	16.33	43.90	60.23	74.00	-13.77	Peak	100	109	P
6	17010.00	21.67	43.57	65.24	68.20	-2.96	Peak	100	263	P

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



Test Mode : 2TX 11ax40 CH134 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

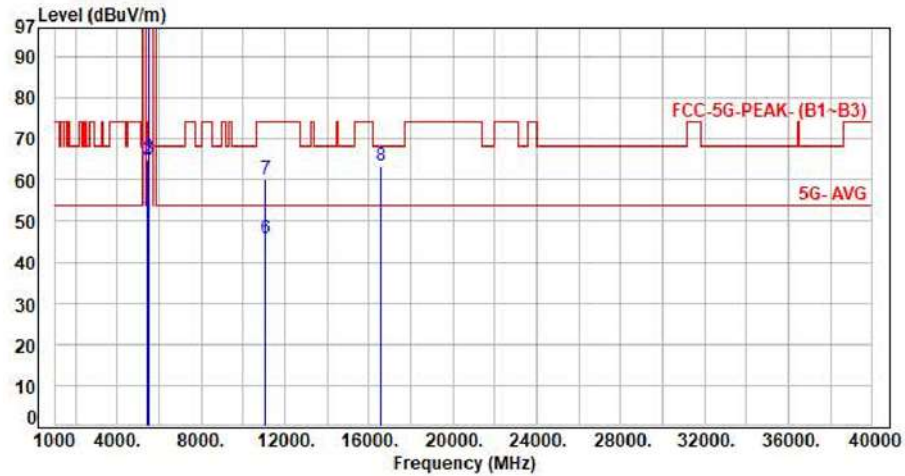


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5670.00	7.48	99.62	107.10	200.00	-92.90	Average	125	57	P
2	5670.00	7.48	114.21	121.69	200.00	-78.31	Peak	125	57	P
3	5725.00	7.43	58.47	65.90	68.20	-2.30	Peak	125	57	P
4	11340.00	16.33	30.40	46.73	54.00	-7.27	Average	100	305	P
5	11340.00	16.33	44.57	60.90	74.00	-13.10	Peak	100	305	P
6	17010.00	21.67	43.68	65.35	68.20	-2.85	Peak	100	136	P

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



Test Mode : 2TX 11ax80 CH106 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



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	7.55	43.32	50.87	54.00	-3.13	Average	163	21	P
2	5460.00	7.55	57.49	65.04	74.00	-8.96	Peak	163	21	P
3	5470.00	7.58	57.80	65.38	68.20	-2.82	Peak	163	21	P
4	5530.00	7.63	94.42	102.05	200.00	-97.95	Average	163	21	P
5	5530.00	7.63	108.10	115.73	200.00	-84.27	Peak	163	21	P
6	11060.00	16.21	29.65	45.86	54.00	-8.14	Average	100	108	P
7	11060.00	16.21	43.78	59.99	74.00	-14.01	Peak	100	108	P
8	16590.00	19.48	43.78	63.26	68.20	-4.94	Peak	100	266	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor