



FCC RADIO TEST REPORT

Applicant : Ubiquiti Inc.
Address : 685 Third Avenue, New York, New York 10017, USA
Equipment : PoE Audio Port
Model No. : UPL-Port-W, UPL-Port-B
Trade Name : UBIQUITI
FCC ID : SWX-UPLP

I HEREBY CERTIFY THAT :

The sample was received on May. 09, 2025 and the testing was completed on May. 27, 2025 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:

Vic Hsiao / Supervisor

Laboratory Accreditation:

CerpPASS Technology Corporation Test Laboratory





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History of this test report

Report No.	Issued Date	Description
25040713-TRFCC06	Jul. 01, 2025	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

*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

Frequency Range	BT/BLE: 2400-2483.5MHz 802.11b/g/n/ax: 2400-2483.5MHz 802.11a/n/ac/ax: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Center Frequency Range	BT/BLE: 2402-2480MHz 802.11b/g/n/ax: 2412MHz-2462MHz 802.11a/n/ac/ax: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Modulation Type	BT: GFSK, $\pi/4$ -DQPSK, 8DPSK BLE: GFSK WLAN: 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 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
Modulation Technology	FHSS, DTS, DSSS, OFDM, OFDMA
Data Rate	BT: GFSK: 1Mbps, $\pi/4$ -DQPSK: 2Mbps, 8DPSK: 3Mbps BLE: GFSK: 1Mbps WLAN: 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ax: 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	BT/BLE: Dipole Antenna WLAN 2.4GHz/5GHz: PIFA Antenna
Antenna Gain	BT/BLE: 2400MHz-2500MHz: 1.0dBi WLAN: 2400MHz-2500MHz: ANT A: 2.0dBi; ANT B: 2.0dBi 5180MHz-5850MHz: ANT A: 6.0dBi; ANT B: 6.0dBi
Adapter	UBIQUITI \ ADS-18LD-12 12018EPCU

Note:

1. EUT support TPC Function.
2. EUT supports DFS Client Mode, without radar detection.
3. For more details, please refer to the User's manual of the EUT.

Difference description:

Model No.	Color of Enclosure
UPL-Port-W	White
UPL-Port-B	Black



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



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.
- An executive program, "iwpriv command Ver.: N/A" under Windows 10 system was executed to transmit and receive data via WLAN.
- The test Model No. is UPL-Port-B. The following test modes were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode 1	802.11ax HE40 (14.6Mbps), TX Mode, Power from Adapter (AC 120V/60Hz)
Test Mode 2	802.11ax HE40 (14.6Mbps), TX Mode, Power from PoE (AC 120V/60Hz)
Test Mode 3	802.11ax HE40 (14.6Mbps), TX Mode, Power from Adapter (AC 240V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiated Emissions (30MHz ~ 1GHz)	
Test Mode 1	802.11ax HE40 (14.6Mbps), TX Mode, Power from Adapter (AC 120V/60Hz)
Test Mode 2	802.11ax HE40 (14.6Mbps), TX Mode, Power from PoE (AC 120V/60Hz)
Test Mode 3	802.11ax HE40 (14.6Mbps), TX Mode, Power from Adapter (AC 240V/60Hz)
caused "Test Mode 1" generated the worst case, it was reported as the final data.	
Radiated Emissions (1GHz ~ 40GHz)	
Test Mode 1	TX Mode, Power from Adapter (AC 120V/60Hz)

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11a	1TX (Diversity)
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

*After engineering evaluation, SISO ANT B is the worst case.



2.4. Description of Test System

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A

Radiated Emissions (3M02-NK)				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5270	N/A	Adapter / 1.8m / NS
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A
PoE	UBIQUITI	GP-V480-032G	N/A	0.6m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A

Radiated Emissions (3M03-NK)				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A
Notebook	AUAS	P2430U	N/A	Adapter / 1.8m / NS
PoE	UBIQUITI	GP-V480-032G	N/A	0.6m / NS
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	AUAS	P2430U	N/A	Adapter / 1.8m / NS
Type-C Cable (Blue)	kolin	KEX-DLCP08	1m / NS	N/A
PoE	UBIQUITI	GP-V480-032G	N/A	0.6m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A



2.5. General Information of Test

Organization	Cerpass Technology Corp.		
☒ 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	2025/05/24	25.1°C / 58%	Leon Huang
RF Conducted	RFCON01-NK	2025/05/27	25.3°C / 51%	Leon Huang
RF Conducted	RFCON01-NK	2025/05/26	23.9°C / 53%	Leon Huang
Radiated Emissions (Above 1G)	3M02-NK	2025/05/21	18.5°C / 56%	Park Chen
Radiated Emissions (Above 1G)	3M02-NK	2025/05/22	19.6°C / 62%	Park Chen
Radiated Emissions (Below 1G)	3M03-NK	2025/05/24	19.5°C / 64%	Leon Huang
AC Power Line Conducted Emission	CON02-NK	2025/05/24	21.4°C / 59%	Leon Huang

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)	±3.2dB
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(Above 1G)				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	VULB 9168-369	2025/02/17	2026/02/16
Active Loop Antenna	EMCO	6507	00040855	2025/04/28	2026/04/27
Horn Antenna	EMCO	3116	31974	2024/10/18	2025/10/17
Horn Antenna	EMCO	3115	31589	2025/02/20	2026/02/19
Spectrum Analyzer	R&S	FSV 40-N	102151	2024/08/22	2025/08/21
EMI Receiver	R&S	ESCI	101423	2024/07/16	2025/07/15
Preamplifier	EMC INSTRUMENTS	EMC118A45V1SEE	980993	2024/10/24	2025/10/23
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2024/10/15	2025/10/14
Preamplifier	EM Electronics corp.	EM330	60820	2024/06/14	2025/06/13
Cable-4m (9k-3G)	EMEC	RG-223	18274M	2024/08/08	2025/08/07
Cable-3in1 (30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2025/02/21	2026/02/20
Cable-0.5m (1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2025/02/26	2026/02/25
Cable-3m (1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2025/02/26	2026/02/25
Cable-8m (1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2025/02/26	2026/02/25
Cable-3m (10M-40G)	HUBER SUHNER	SF102	804619/2	2024/10/14	2025/10/13
Cable-1m (10M-40G)	HUBER SUHNER	SF102	804398/2	2024/10/14	2025/10/13
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA



Test Item	Radiated Emissions(Below 1G)				
Test Site	Semi Anechoic Room(3M03-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Sunol	JB1	A020514-2	2024/07/09	2025/07/08
Active Loop Antenna	EMCO	6507	00040855	2025/04/28	2026/04/27
Horn Antenna	EMCO	3116	31974	2024/10/18	2025/10/17
Double Ridged Guide Horn Antenna	RF SPAN	DRH18-E	210309A18-ES	2024/08/28	2025/08/27
Spectrum Analyzer	R&S	FSV 40-N	102151	2024/08/22	2025/08/21
EMI Receiver	R&S	ESCI	101423	2024/07/16	2025/07/15
Preamplifier	EMC INSTRUMENTS	EMC0518A45SE	981069	2024/12/17	2025/12/16
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2024/10/15	2025/10/14
Preamplifier	EM Electronics corp.	EM330	60820	2024/06/14	2025/06/13
Cable-4m (9k-3G)	EMEC	RG-223	18274M	2024/08/08	2025/08/07
Cable-8m (10M-26.5G)	HUBER SUHNER	SF126E	587396/126E	2024/10/14	2025/10/13
Cable-3m (10M-26.5G)	HUBER SUHNER	SF126E	587399/126E	2024/10/14	2025/10/13
Cable-1m (10M-40G)	HUBER SUHNER	SF102	804398/2	2024/10/14	2025/10/13
Cable-1m (1G-26.5G)	HUBER SUHNER	SF126E	589848/126E	2024/10/14	2025/10/13
Cable-4m (30M-1G)	HUBER SUHNER	RG-214	02953M	2024/09/04	2025/09/03
Cable-1m (30M-1G)	HUBER SUHNER	RG-214	05094M	2024/09/04	2025/09/03
Cable-9m (30M-1G)	HUBER SUHNER	RG-214	00402M	2024/09/04	2025/09/03
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
High Pass Filter	Warison	WFIL-H3000-18000F-03	WRJ5CFWC2J1	2024/07/03	2025/07/02
Highpass Filter	WOKEN	WFIL-H7000-18000F-01	WR377WC2B2	2024/10/15	2025/10/14



Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP 40	100047	2025/03/03	2026/03/02
Attenuator	KEYSIGHT	8491B	MY39250703	2025/02/12	2026/02/11
Cable-0.5m (30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2024/10/24	2025/10/23
Power Meter	Anritsu	ML2495A	1224005	2025/02/12	2026/02/11
Power Sensor	Anritsu	MA2411B	1207295	2025/02/12	2026/02/11
Switch Box	Theda	1-4	TW5451159	NA	NA

Test Item	AC Power Line Conducted Emission				
Test Site	CON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	101423	2024/07/16	2025/07/15
Cable-4m (9k-3G)	EMEC	RG-223	18274M	2024/08/08	2025/08/07
LISN	Schwarzbeck	NSLK 8127	8127740	2024/08/27	2025/08/26
Two-Line V-Network	R&S	ENV216	102185	2024/08/27	2025/08/26



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	ANT A: 6.0dBi; ANT B: 6.0dBi

SISO-ANT A:
5150-5250MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5250-5350MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5470-5725MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5725-5850MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi

SISO-ANT B:
5150-5250MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5250-5350MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5470-5725MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi
5725-5850MHz
For Power directional gain= $G_{ant} = 6.00$ dBi
For PSD directional gain = $G_{ant} = 6.00$ dBi



MIMO:
5150-5250MHz
For Power directional gain= $G_{ant}= 6.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 9.01 dBi
5250-5350MHz
For Power directional gain= $G_{ant}= 6.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 9.01 dBi
5470-5725MHz
For Power directional gain= $G_{ant}= 6.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 9.01 dBi
5725-5850MHz
For Power directional gain= $G_{ant}= 6.00$ dBi For PSD directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ = 9.01 dBi

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



5. Test of AC Power Line Conducted Emission

5.1. Test Limit

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

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

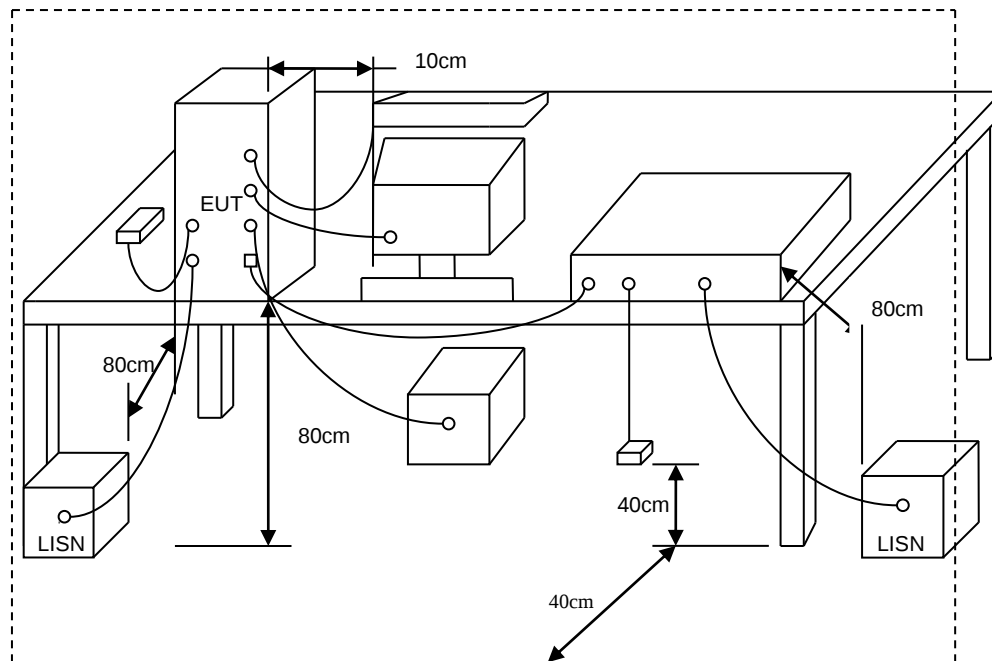
*Decreases with the logarithm of the frequency.

5.2. Test Procedures

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

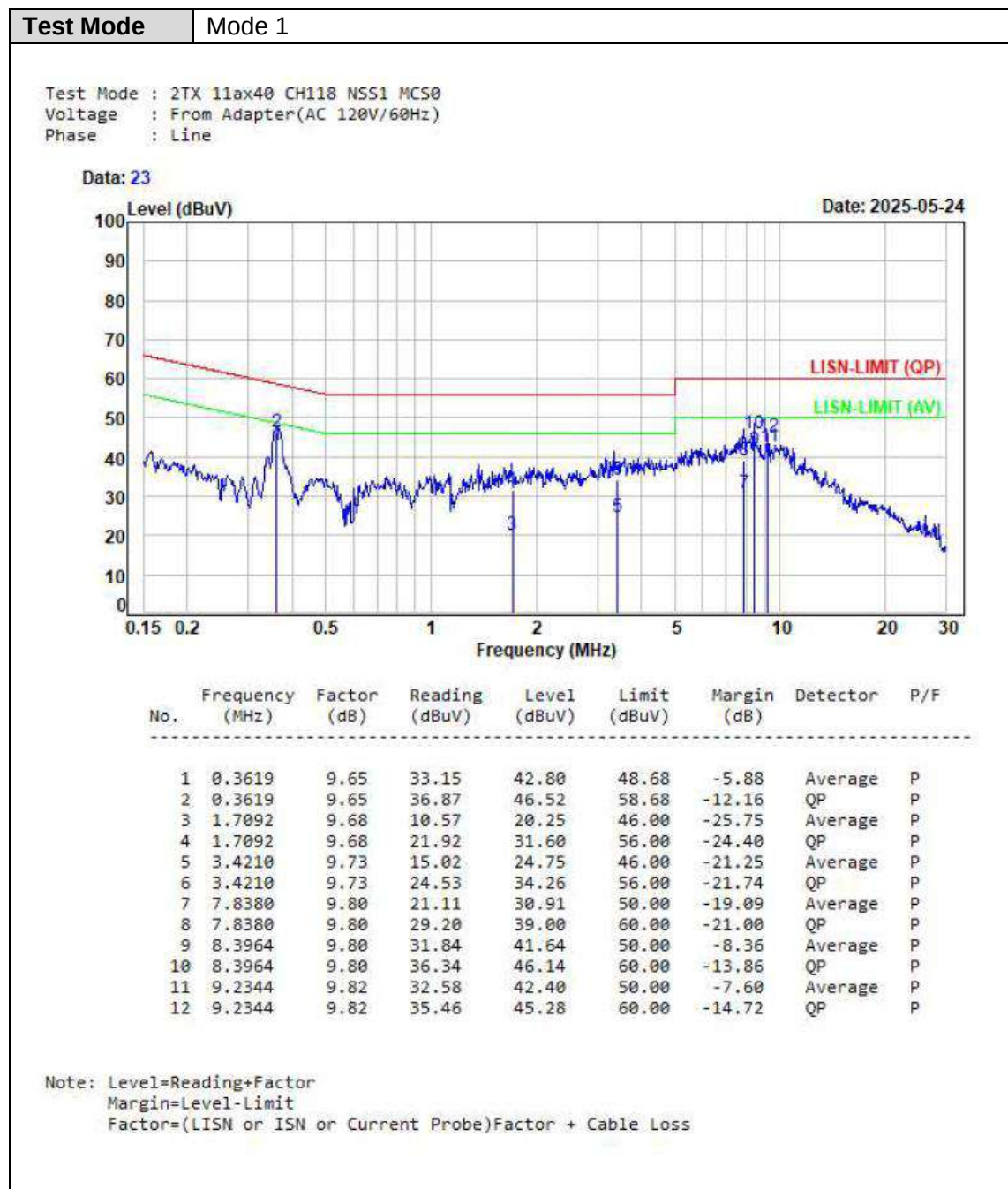


5.3. Typical Test Setup





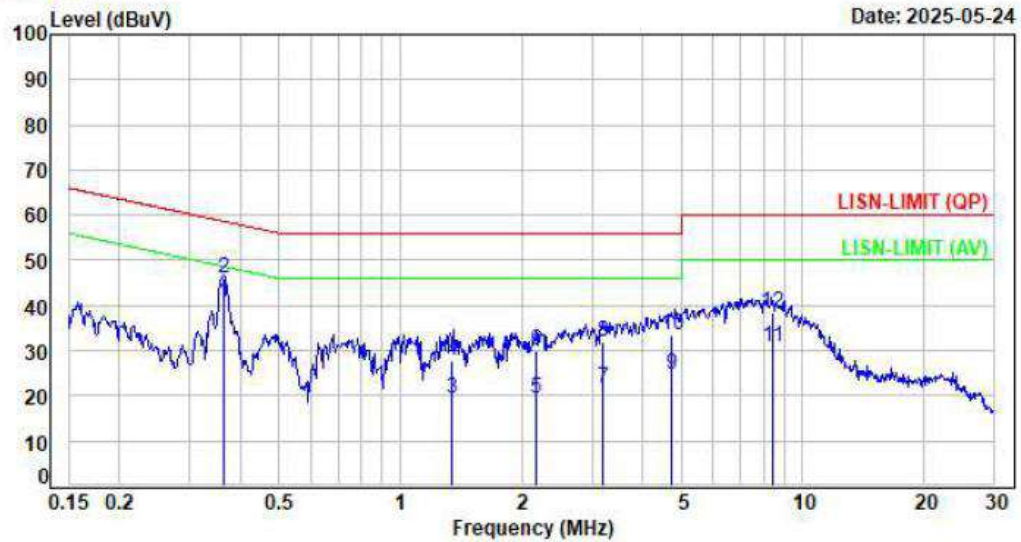
5.4. Test Result and Data



**Test Mode** Mode 1

Test Mode : 2TX 11ax40 CH118 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 24



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.3626	9.62	31.15	40.77	48.67	-7.90	Average	P
2	0.3626	9.62	36.24	45.86	58.67	-12.81	QP	P
3	1.3490	9.66	9.61	19.27	46.00	-26.73	Average	P
4	1.3490	9.66	18.13	27.79	56.00	-28.21	QP	P
5	2.1699	9.68	9.90	19.58	46.00	-26.42	Average	P
6	2.1699	9.68	20.22	29.90	56.00	-26.10	QP	P
7	3.1896	9.70	11.94	21.64	46.00	-24.36	Average	P
8	3.1896	9.70	22.23	31.93	56.00	-24.07	QP	P
9	4.7137	9.73	14.81	24.54	46.00	-21.46	Average	P
10	4.7137	9.73	23.89	33.62	56.00	-22.38	QP	P
11	8.3915	9.80	20.90	30.70	50.00	-19.30	Average	P
12	8.3915	9.80	28.60	38.40	60.00	-21.60	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.

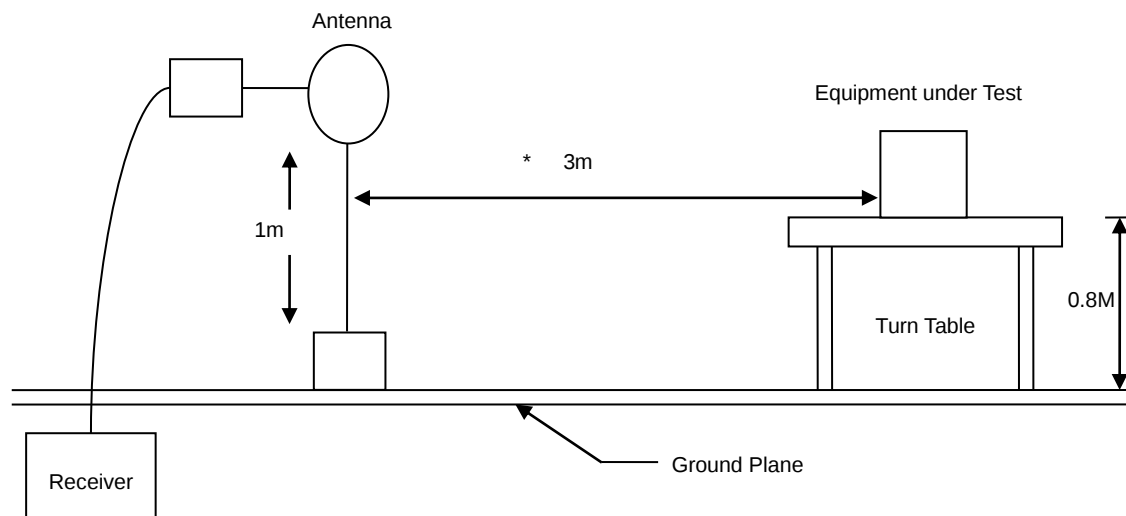
Note:

- 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.
- 2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

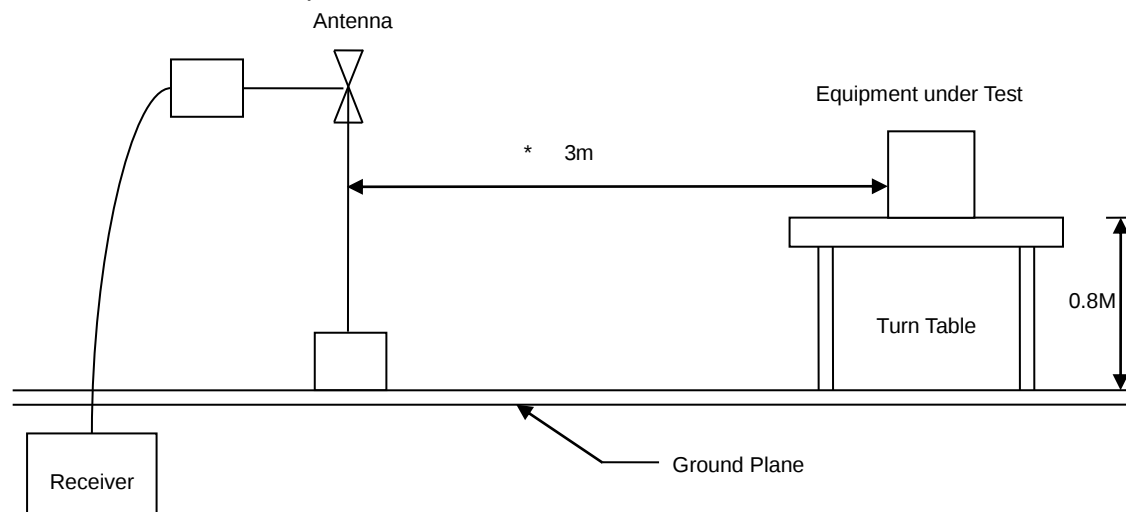


6.3. Typical Test Setup

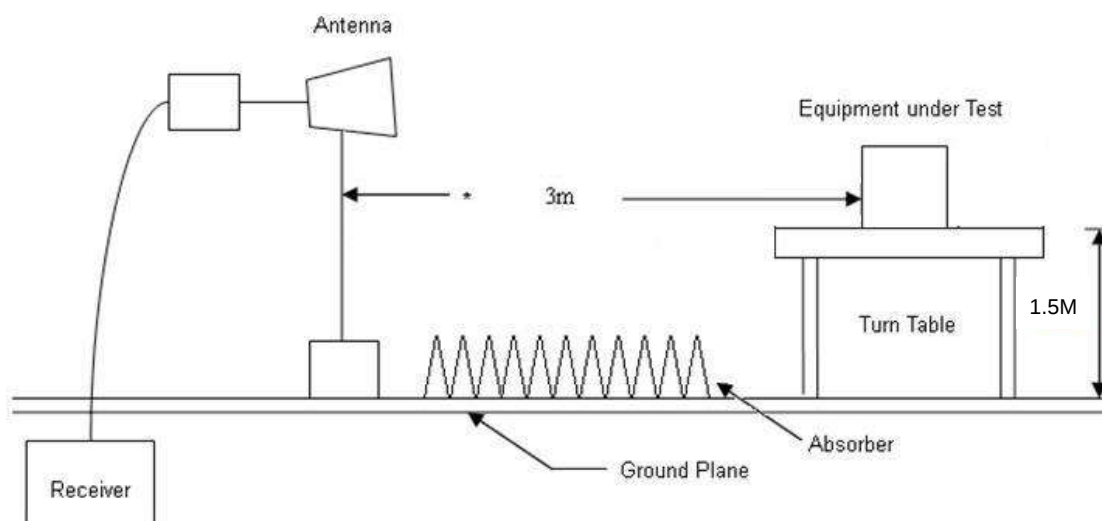
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup

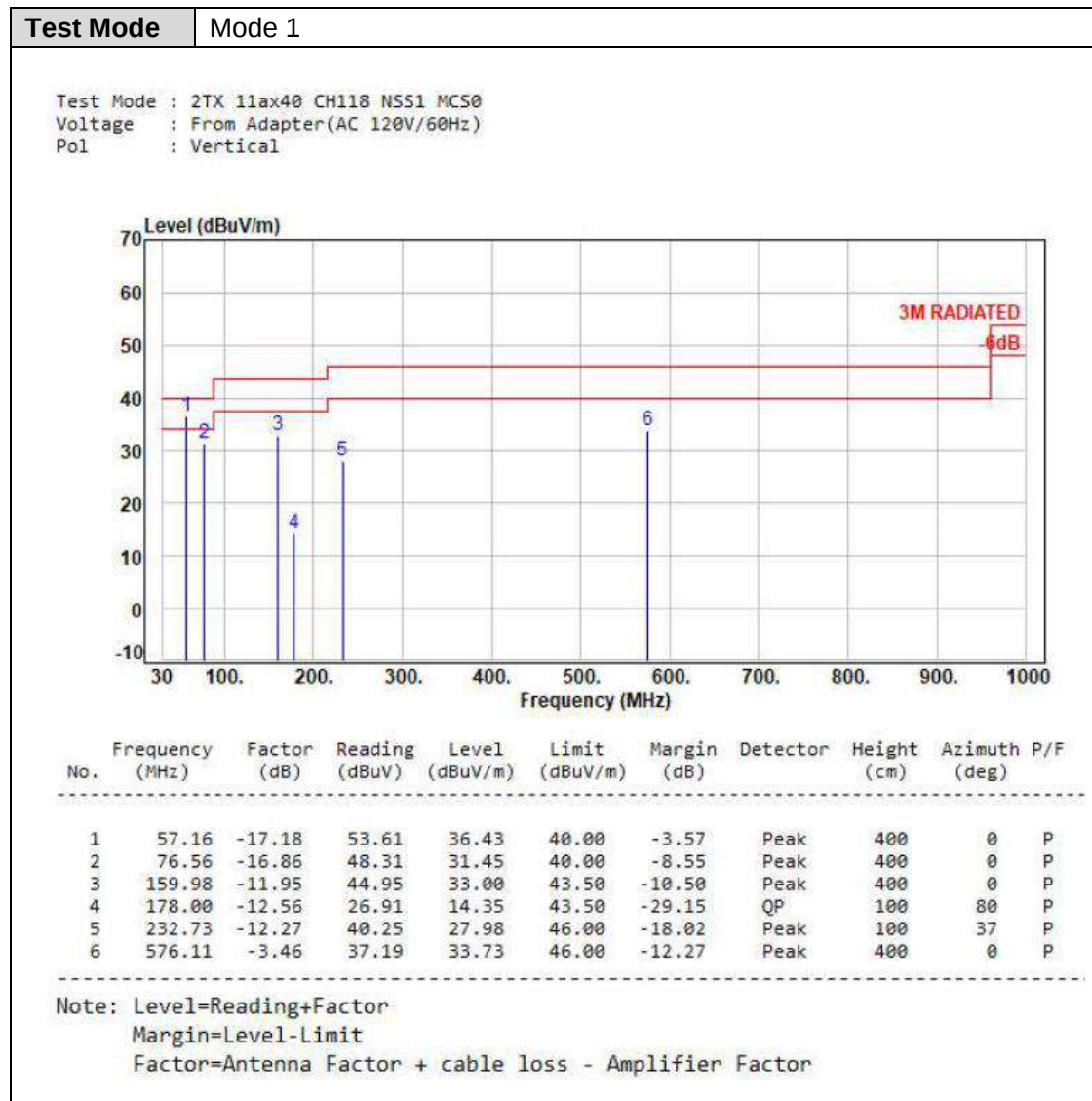


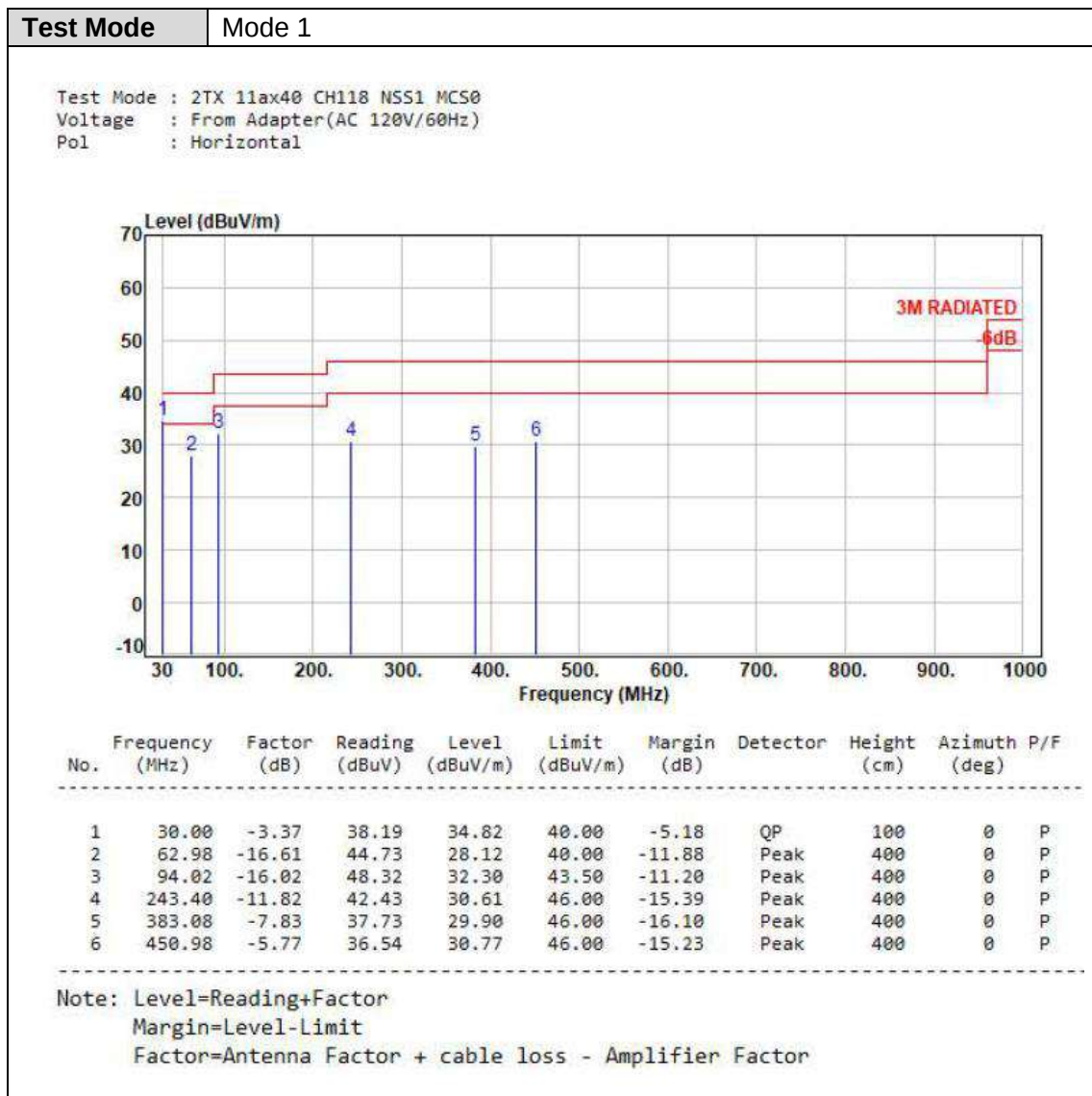


6.4. Test Result and Data (9kHz ~ 30MHz)

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

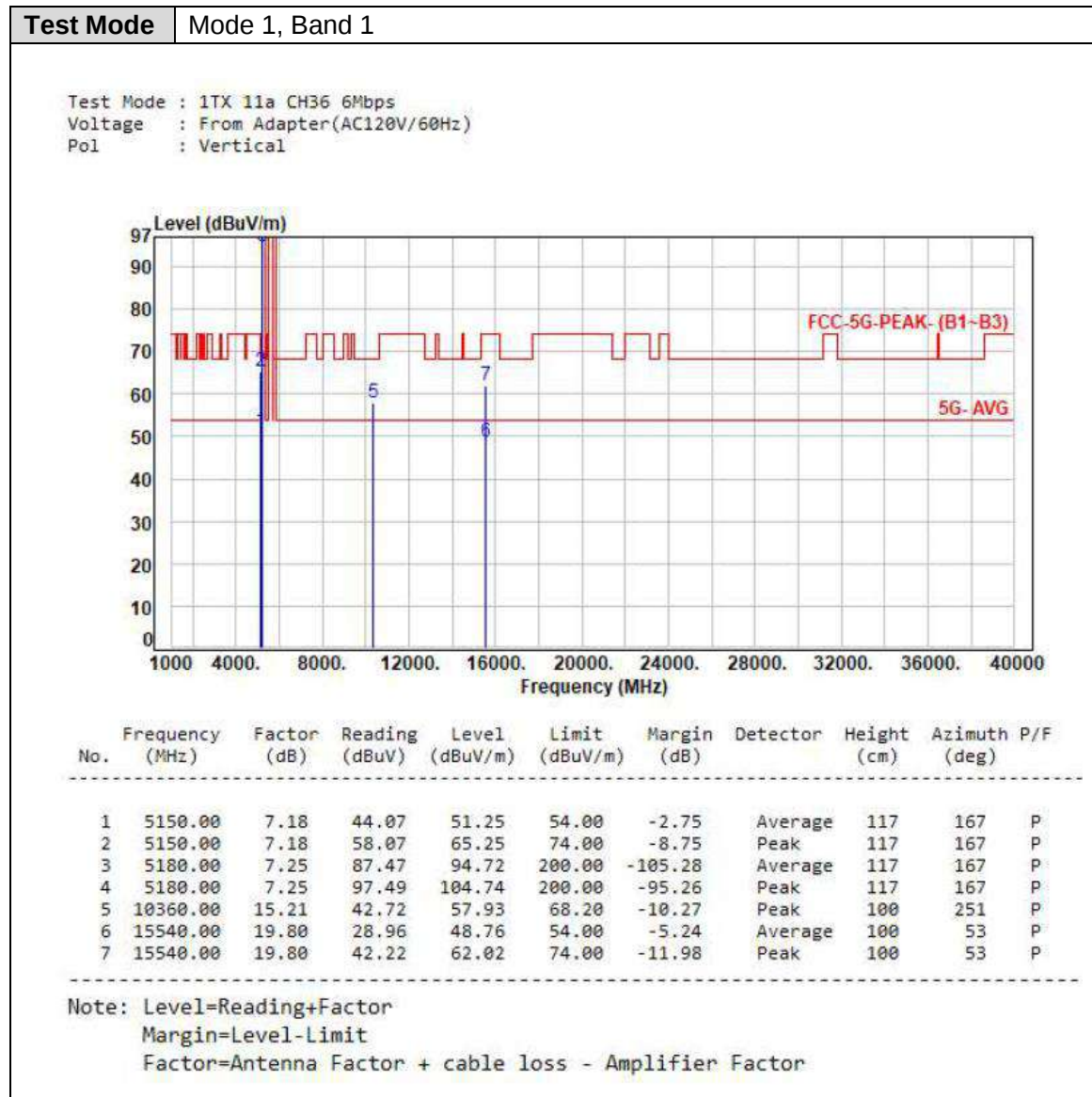
6.5. Test Result and Data (30MHz ~ 1GHz)





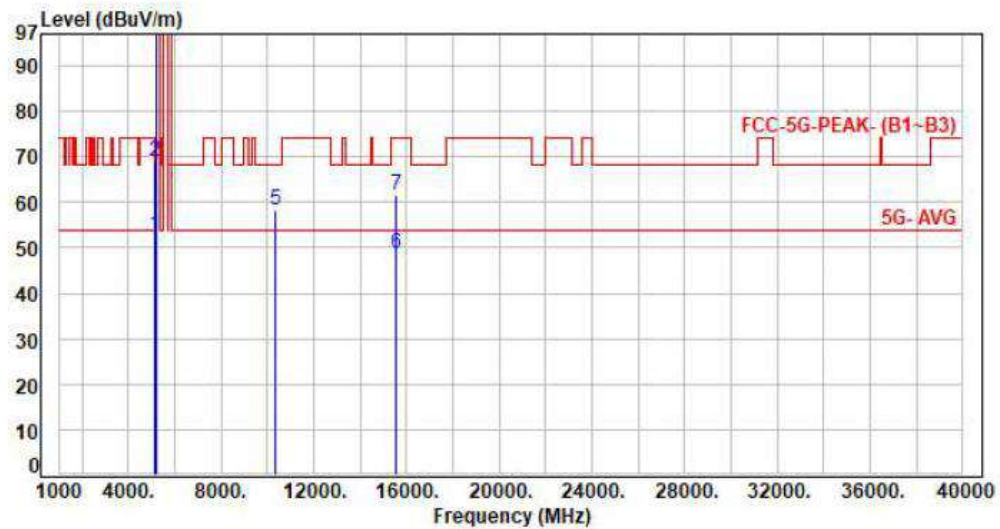


6.6. Test Result and Data (1GHz ~ 40GHz)



**Test Mode** Mode 1, Band 1

Test Mode : 1TX 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	7.18	45.45	52.63	54.00	-1.37	Average	100	316	P
2	5150.00	7.18	61.83	69.01	74.00	-4.99	Peak	100	316	P
3	5180.00	7.25	90.67	97.92	200.00	-102.08	Average	100	316	P
4	5180.00	7.25	100.68	107.93	200.00	-92.07	Peak	100	316	P
5	10360.00	15.21	43.00	58.21	68.20	-9.99	Peak	100	112	P
6	15540.00	19.80	28.89	48.69	54.00	-5.31	Average	100	35	P
7	15540.00	19.80	41.91	61.71	74.00	-12.29	Peak	100	35	P

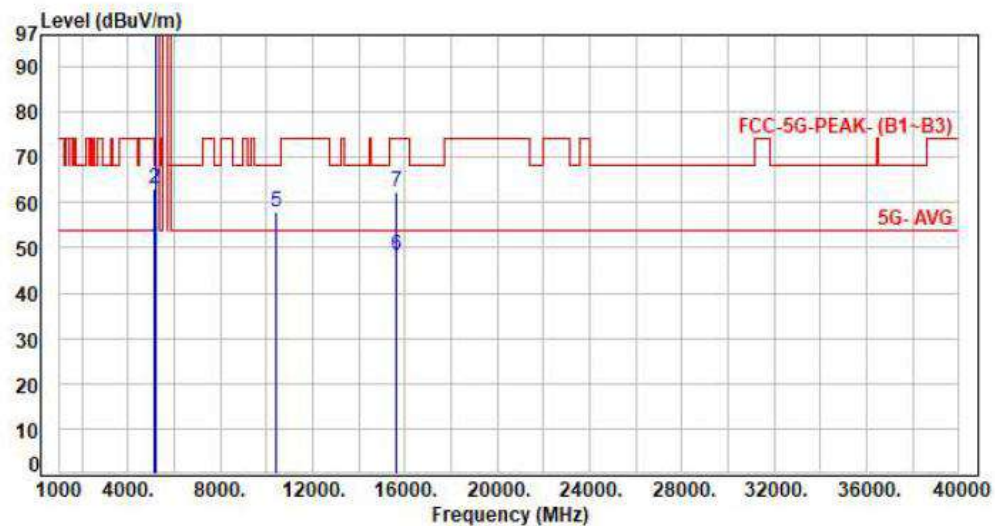
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

Test Mode : 1TX 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	7.18	42.94	50.12	54.00	-3.88	Average	181	169	P
2	5150.00	7.18	56.05	63.23	74.00	-10.77	Peak	181	169	P
3	5200.00	7.30	89.69	96.99	200.00	-103.01	Average	181	169	P
4	5200.00	7.30	99.32	106.62	200.00	-93.38	Peak	181	169	P
5	10400.00	15.16	42.93	58.09	68.20	-10.11	Peak	100	252	P
6	15600.00	19.45	28.92	48.37	54.00	-5.63	Average	100	56	P
7	15600.00	19.45	42.94	62.39	74.00	-11.61	Peak	100	56	P

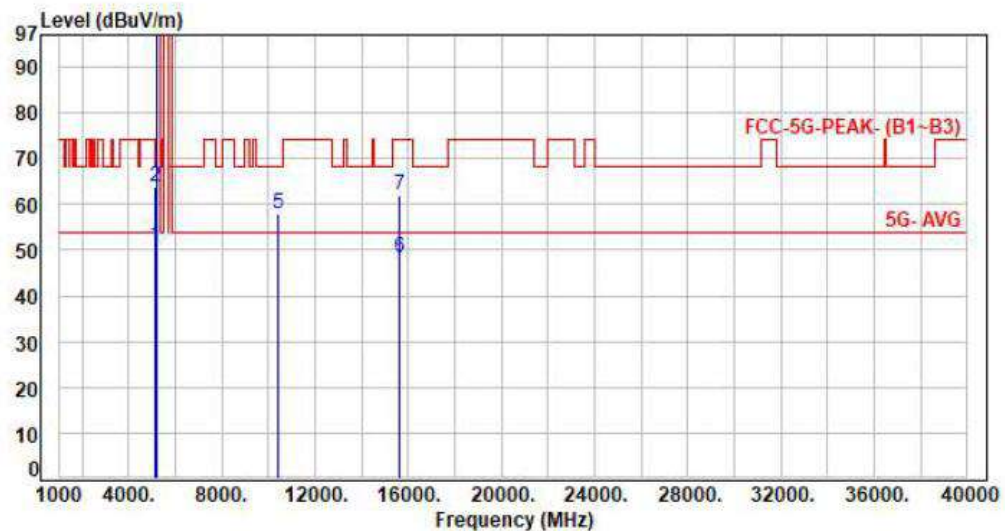
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

Test Mode : 1TX 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	7.18	43.57	50.75	54.00	-3.25	Average	110	319	P
2	5150.00	7.18	56.70	63.88	74.00	-10.12	Peak	110	319	P
3	5200.00	7.30	92.69	99.99	200.00	-100.01	Average	110	319	P
4	5200.00	7.30	102.96	110.26	200.00	-89.74	Peak	110	319	P
5	10400.00	15.16	42.71	57.87	68.20	-10.33	Peak	100	117	P
6	15600.00	19.45	28.94	48.39	54.00	-5.61	Average	100	33	P
7	15600.00	19.45	42.63	62.08	74.00	-11.92	Peak	100	33	P

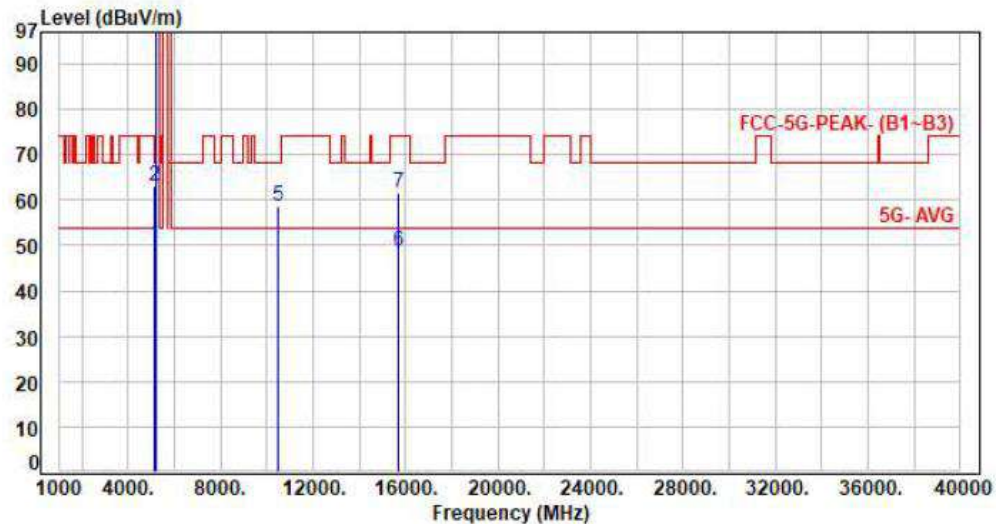
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

Test Mode : 1TX 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	7.18	42.85	50.03	54.00	-3.97	Average	176	166	P
2	5150.00	7.18	55.77	62.95	74.00	-11.05	Peak	176	166	P
3	5240.00	7.32	89.36	96.68	200.00	-103.32	Average	176	166	P
4	5240.00	7.32	99.07	106.39	200.00	-93.61	Peak	176	166	P
5	10480.00	15.44	43.06	58.50	68.20	-9.70	Peak	100	253	P
6	15720.00	19.61	28.89	48.50	54.00	-5.50	Average	100	52	P
7	15720.00	19.61	41.99	61.60	74.00	-12.40	Peak	100	52	P

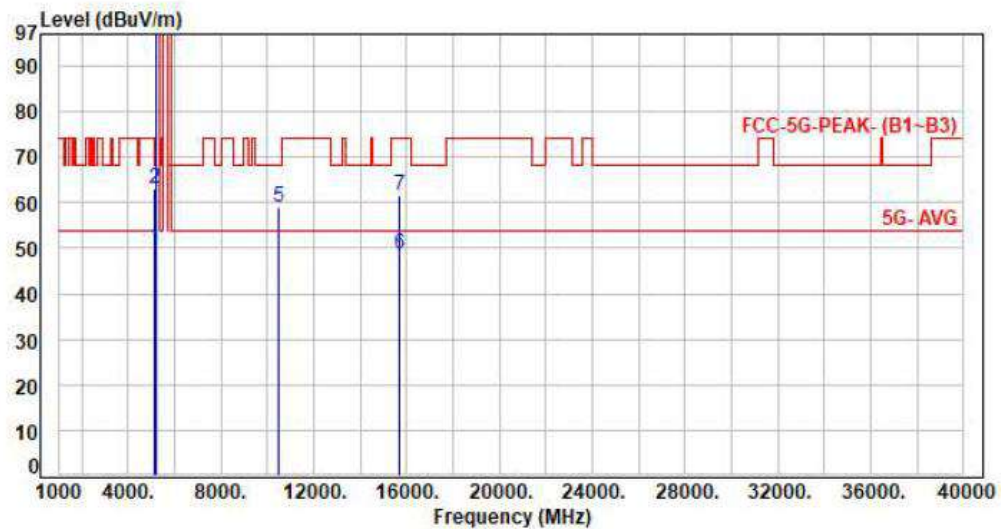
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

Test Mode : 1TX 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	7.18	42.86	50.04	54.00	-3.96	Average	100	317	P
2	5150.00	7.18	56.06	63.24	74.00	-10.76	Peak	100	317	P
3	5240.00	7.32	92.00	99.32	200.00	-100.68	Average	100	317	P
4	5240.00	7.32	101.90	109.22	200.00	-90.78	Peak	100	317	P
5	10480.00	15.44	43.66	59.10	68.20	-9.10	Peak	100	114	P
6	15720.00	19.61	29.07	48.68	54.00	-5.32	Average	100	31	P
7	15720.00	19.61	42.03	61.64	74.00	-12.36	Peak	100	31	P

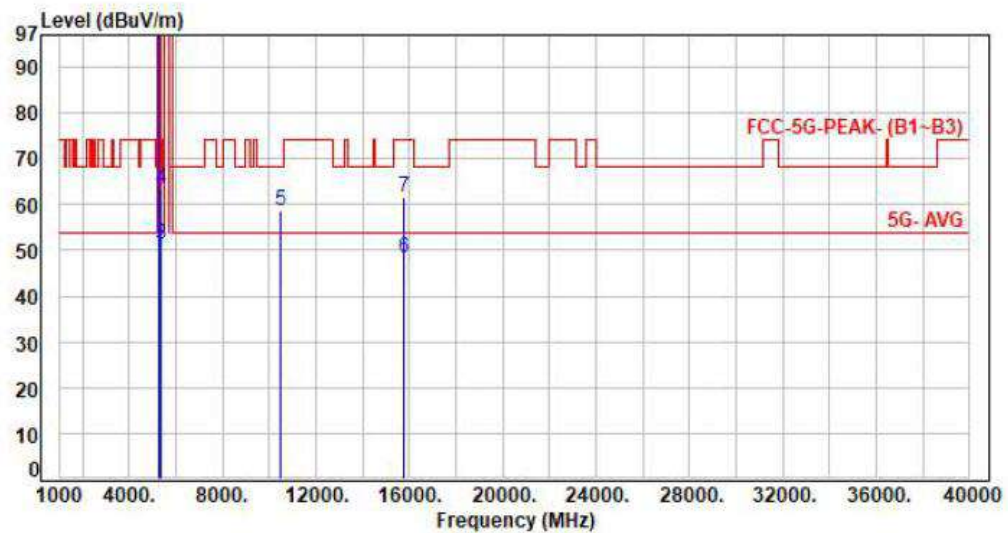
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.37	89.16	96.53	200.00	-103.47	Average	107	168	P
2	5260.00	7.37	99.57	106.94	200.00	-93.06	Peak	107	168	P
3	5350.00	7.67	43.51	51.18	54.00	-2.82	Average	107	168	P
4	5350.00	7.67	55.76	63.43	74.00	-10.57	Peak	107	168	P
5	10520.00	15.59	43.04	58.63	68.20	-9.57	Peak	100	247	P
6	15780.00	19.34	29.14	48.48	54.00	-5.52	Average	100	53	P
7	15780.00	19.34	42.25	61.59	74.00	-12.41	Peak	100	53	P

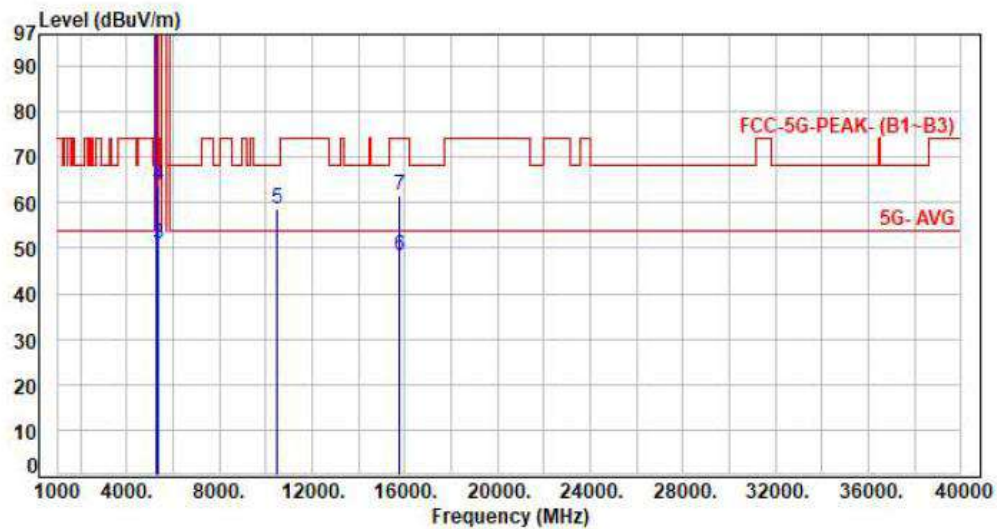
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.37	92.14	99.51	200.00	-100.49	Average	100	11	P
2	5260.00	7.37	101.84	109.21	200.00	-90.79	Peak	100	11	P
3	5350.00	7.67	43.10	50.77	54.00	-3.23	Average	100	11	P
4	5350.00	7.67	55.99	63.66	74.00	-10.34	Peak	100	11	P
5	10520.00	15.59	43.20	58.79	68.20	-9.41	Peak	100	116	P
6	15780.00	19.34	29.01	48.35	54.00	-5.65	Average	100	31	P
7	15780.00	19.34	42.43	61.77	74.00	-12.23	Peak	100	31	P

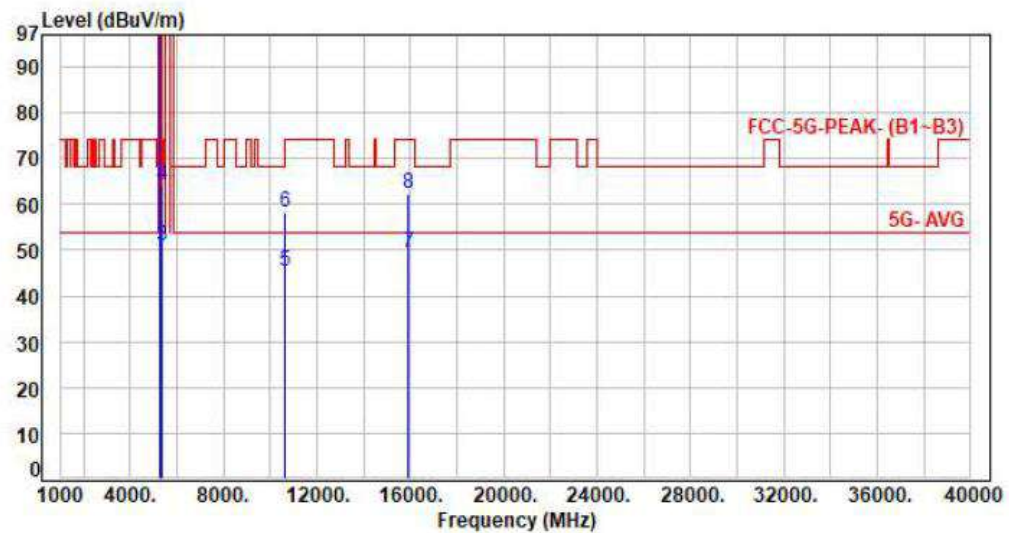
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.55	89.45	97.00	200.00	-103.00	Average	120	163	P
2	5300.00	7.55	99.36	106.91	200.00	-93.09	Peak	120	163	P
3	5350.00	7.67	43.34	51.01	54.00	-2.99	Average	120	163	P
4	5350.00	7.67	56.68	64.35	74.00	-9.65	Peak	120	163	P
5	10600.00	15.69	29.57	45.26	54.00	-8.74	Average	100	253	P
6	10600.00	15.69	42.71	58.40	74.00	-15.60	Peak	100	253	P
7	15900.00	19.12	30.26	49.38	54.00	-4.62	Average	100	55	P
8	15900.00	19.12	43.27	62.39	74.00	-11.61	Peak	100	55	P

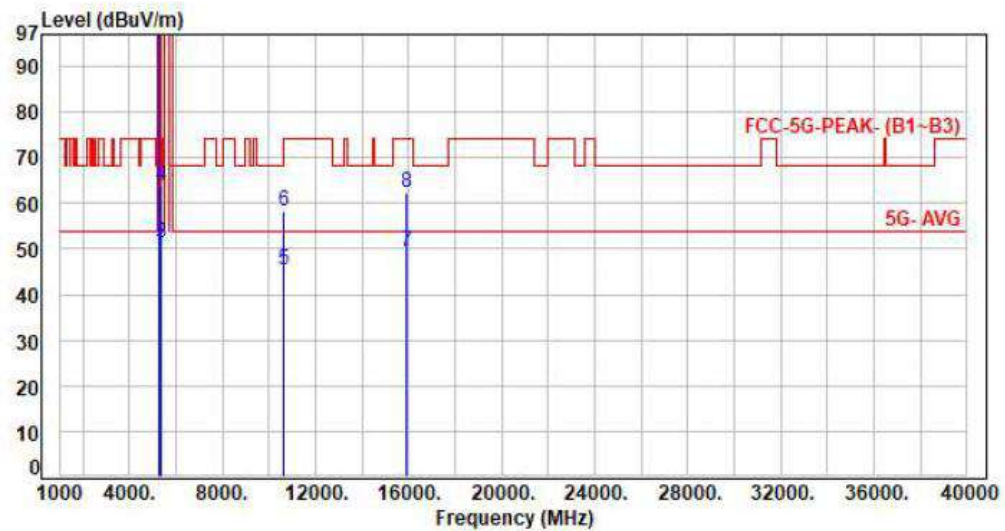
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.55	91.85	99.40	200.00	-100.60	Average	106	316	P
2	5300.00	7.55	101.46	109.01	200.00	-90.99	Peak	106	316	P
3	5350.00	7.67	43.69	51.36	54.00	-2.64	Average	106	316	P
4	5350.00	7.67	56.32	63.99	74.00	-10.01	Peak	106	316	P
5	10600.00	15.69	29.56	45.25	54.00	-8.75	Average	100	114	P
6	10600.00	15.69	42.58	58.27	74.00	-15.73	Peak	100	114	P
7	15900.00	19.12	30.31	49.43	54.00	-4.57	Average	100	31	P
8	15900.00	19.12	43.26	62.38	74.00	-11.62	Peak	100	31	P

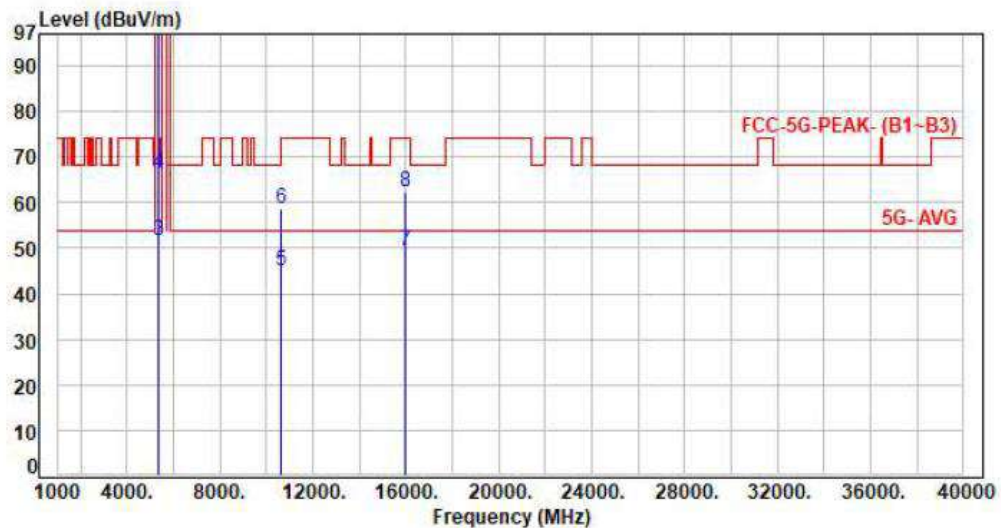
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.60	86.98	94.58	200.00	-105.42	Average	104	129	P
2	5320.00	7.60	96.58	104.18	200.00	-95.82	Peak	104	129	P
3	5350.00	7.67	44.07	51.74	54.00	-2.26	Average	104	129	P
4	5350.00	7.67	58.67	66.34	74.00	-7.66	Peak	104	129	P
5	10640.00	15.73	29.34	45.07	54.00	-8.93	Average	100	249	P
6	10640.00	15.73	42.83	58.56	74.00	-15.44	Peak	100	249	P
7	15960.00	19.05	30.21	49.26	54.00	-4.74	Average	100	54	P
8	15960.00	19.05	43.45	62.50	74.00	-11.50	Peak	100	54	P

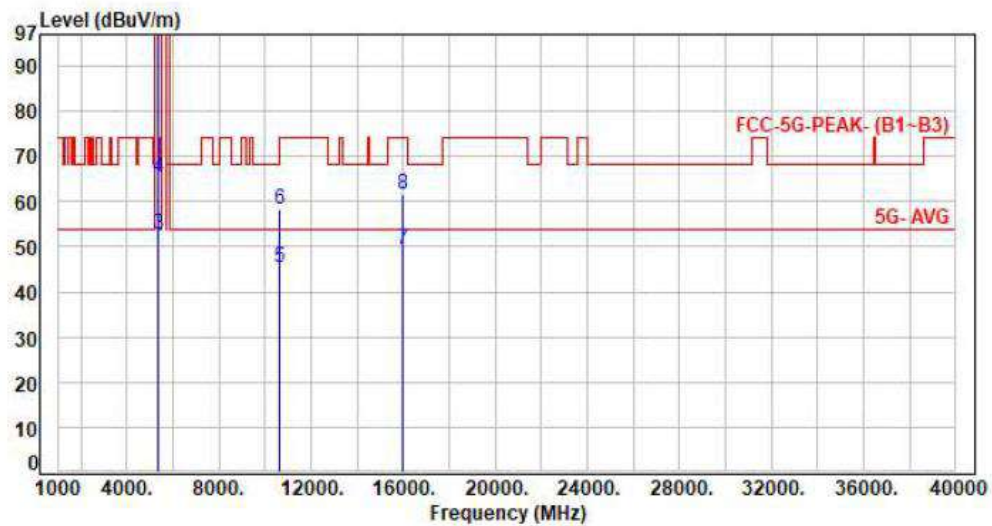
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

Test Mode : 1TX 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	7.60	90.01	97.61	200.00	-102.39	Average	100	12	P
2	5320.00	7.60	99.83	107.43	200.00	-92.57	Peak	100	12	P
3	5350.00	7.67	44.96	52.63	54.00	-1.37	Average	100	12	P
4	5350.00	7.67	57.75	65.42	74.00	-8.58	Peak	100	12	P
5	10640.00	15.73	29.55	45.28	54.00	-8.72	Average	100	115	P
6	10640.00	15.73	42.46	58.19	74.00	-15.81	Peak	100	115	P
7	15960.00	19.05	30.24	49.29	54.00	-4.71	Average	100	36	P
8	15960.00	19.05	42.70	61.75	74.00	-12.25	Peak	100	36	P

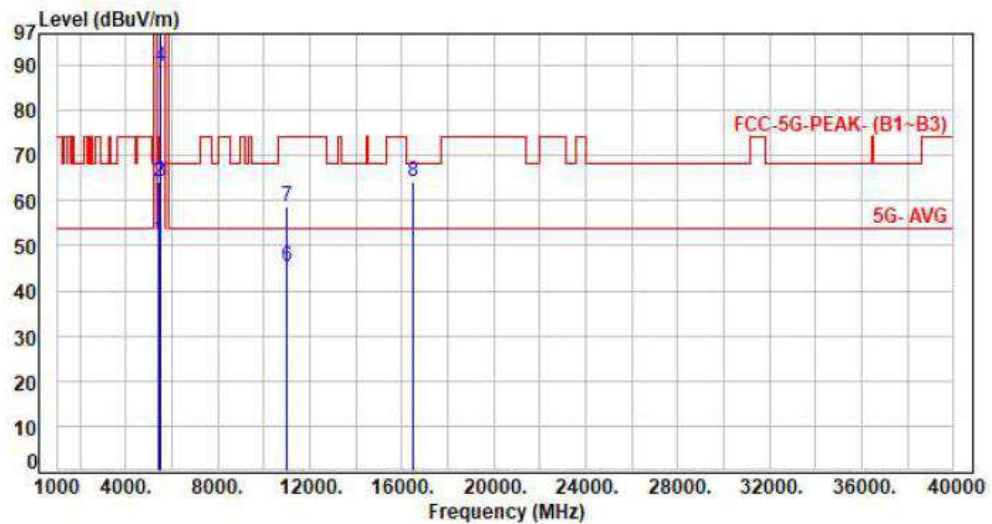
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.72	43.44	51.16	54.00	-2.84	Average	119	163	P
2	5460.00	7.72	56.62	64.34	74.00	-9.66	Peak	119	163	P
3	5470.00	7.72	56.60	64.32	68.20	-3.88	Peak	119	163	P
4	5500.00	7.73	82.06	89.79	200.00	-110.21	Average	119	163	P
5	5500.00	7.73	91.81	99.54	200.00	-100.46	Peak	119	163	P
6	11000.00	15.79	29.40	45.19	54.00	-8.81	Average	100	248	P
7	11000.00	15.79	42.67	58.46	74.00	-15.54	Peak	100	248	P
8	16500.00	20.93	43.21	64.14	68.20	-4.06	Peak	100	50	P

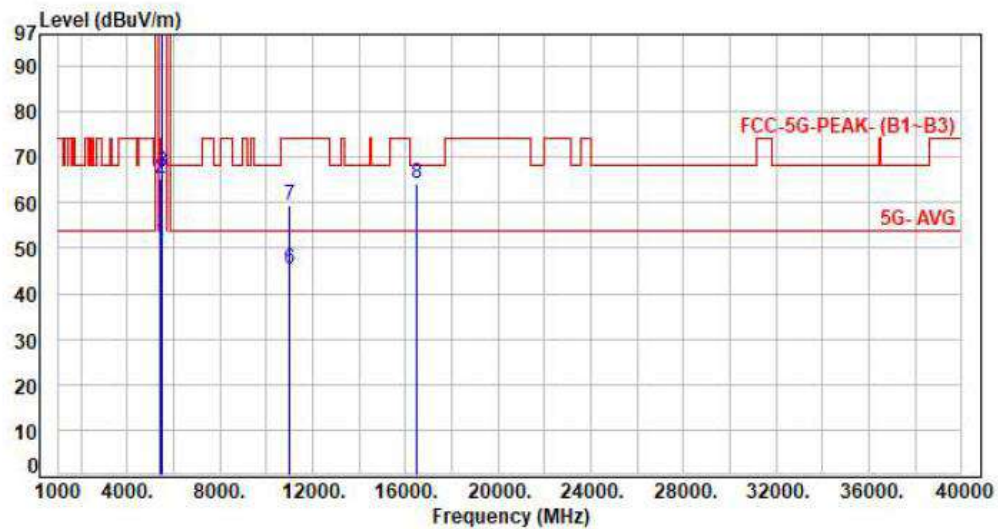
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.72	43.49	51.21	54.00	-2.79	Average	100	301	P
2	5460.00	7.72	57.43	65.15	74.00	-8.85	Peak	100	301	P
3	5470.00	7.72	59.02	66.74	68.20	-1.46	Peak	100	301	P
4	5500.00	7.73	88.80	96.53	200.00	-103.47	Average	100	301	P
5	5500.00	7.73	99.36	107.09	200.00	-92.91	Peak	100	301	P
6	11000.00	15.79	29.42	45.21	54.00	-8.79	Average	100	112	P
7	11000.00	15.79	43.54	59.33	74.00	-14.67	Peak	100	112	P
8	16500.00	20.93	43.24	64.17	68.20	-4.03	Peak	100	35	P

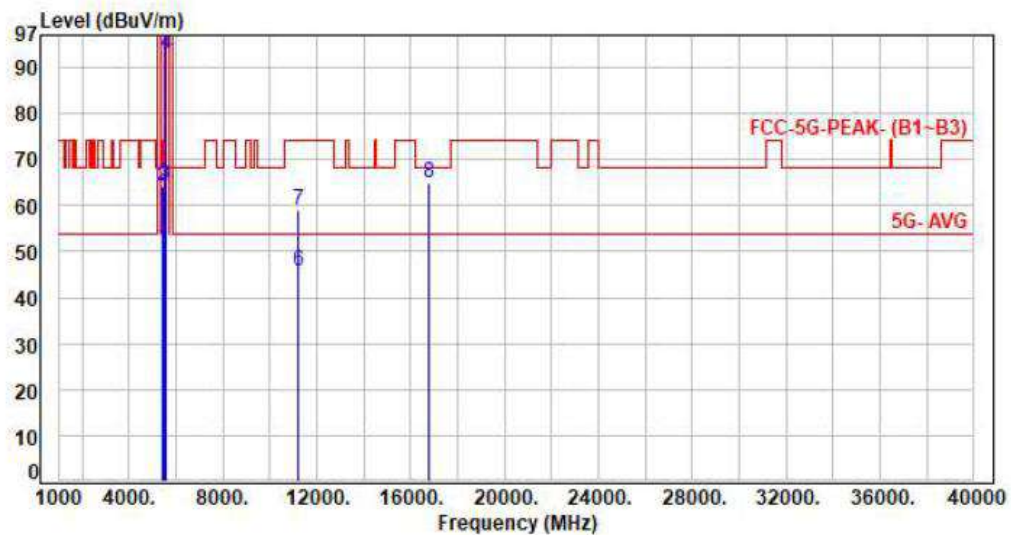
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.72	43.34	51.06	54.00	-2.94	Average	100	80	P
2	5460.00	7.72	56.44	64.16	74.00	-9.84	Peak	100	80	P
3	5470.00	7.72	56.75	64.47	68.20	-3.73	Peak	100	80	P
4	5600.00	7.47	85.52	92.99	200.00	-107.01	Average	100	80	P
5	5600.00	7.47	94.98	102.45	200.00	-97.55	Peak	100	80	P
6	11200.00	16.18	29.41	45.59	54.00	-8.41	Average	100	251	P
7	11200.00	16.18	42.66	58.84	74.00	-15.16	Peak	100	251	P
8	16800.00	22.69	42.20	64.89	68.20	-3.31	Peak	100	53	P

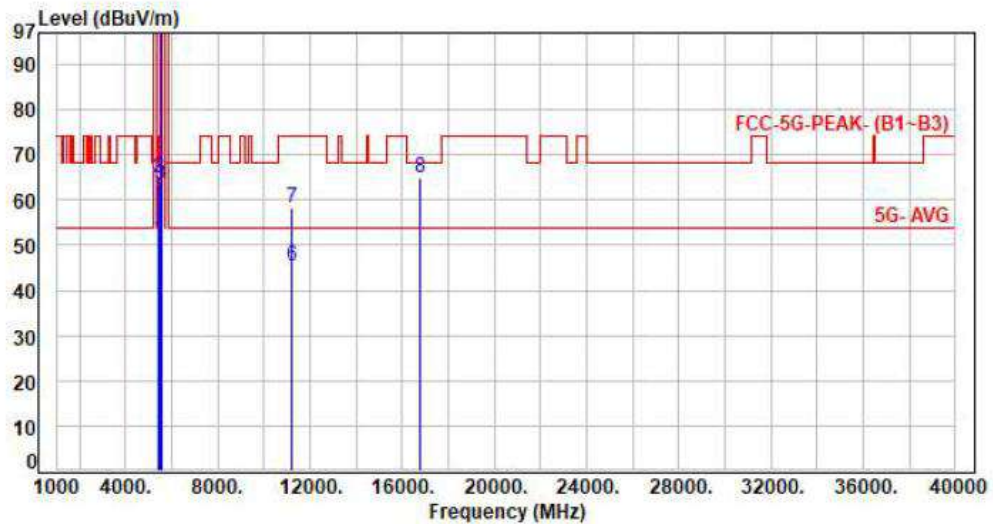
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.72	43.45	51.17	54.00	-2.83	Average	303	310	P
2	5460.00	7.72	57.04	64.76	74.00	-9.24	Peak	303	310	P
3	5470.00	7.72	55.84	63.56	68.20	-4.64	Peak	303	310	P
4	5600.00	7.47	93.74	101.21	200.00	-98.79	Average	303	310	P
5	5600.00	7.47	103.64	111.11	200.00	-88.89	Peak	303	310	P
6	11200.00	16.18	29.32	45.50	54.00	-8.50	Average	100	115	P
7	11200.00	16.18	42.24	58.42	74.00	-15.58	Peak	100	115	P
8	16800.00	22.69	42.29	64.98	68.20	-3.22	Peak	100	33	P

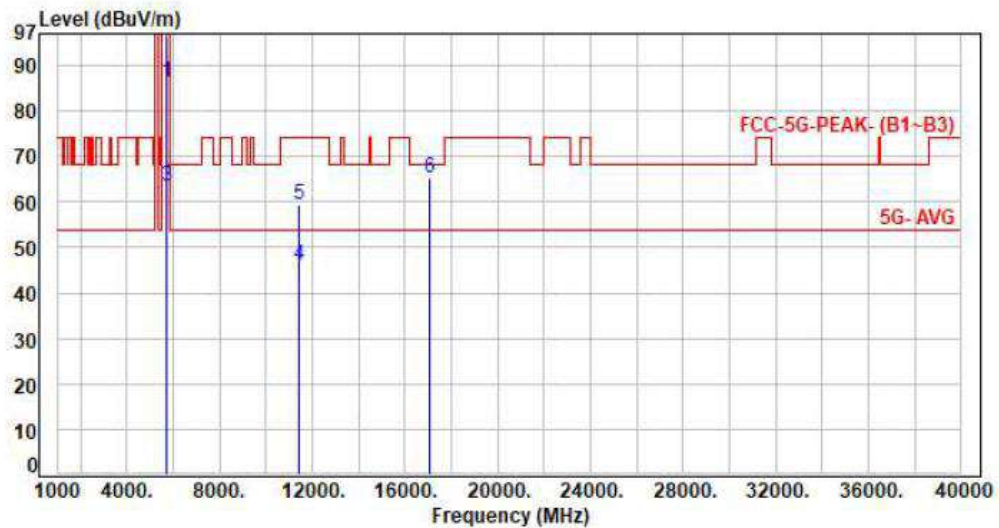
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.41	79.05	86.46	200.00	-113.54	Average	100	330	P
2	5700.00	7.41	88.75	96.16	200.00	-103.84	Peak	100	330	P
3	5725.00	7.39	55.95	63.34	68.20	-4.86	Peak	100	330	P
4	11400.00	16.59	29.37	45.96	54.00	-8.04	Average	100	246	P
5	11400.00	16.59	42.78	59.37	74.00	-14.63	Peak	100	246	P
6	17100.00	23.97	41.26	65.23	68.20	-2.97	Peak	100	52	P

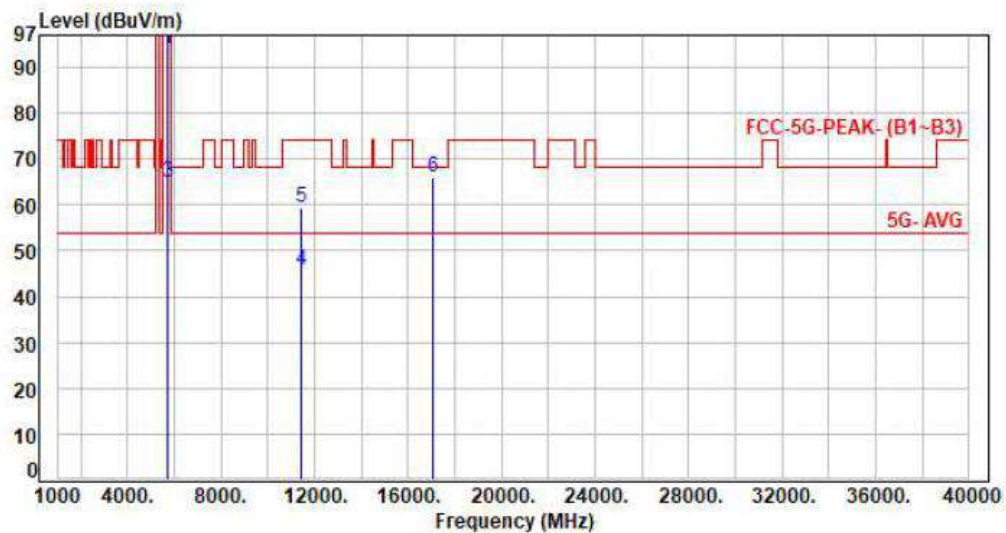
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 1TX 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	7.41	86.76	94.17	200.00	-105.83	Average	293	311	P
2	5700.00	7.41	96.99	104.40	200.00	-95.60	Peak	293	311	P
3	5725.00	7.39	57.42	64.81	68.20	-3.39	Peak	293	311	P
4	11400.00	16.59	29.22	45.81	54.00	-8.19	Average	100	112	P
5	11400.00	16.59	42.64	59.23	74.00	-14.77	Peak	100	112	P
6	17100.00	23.97	41.96	65.93	68.20	-2.27	Peak	100	37	P

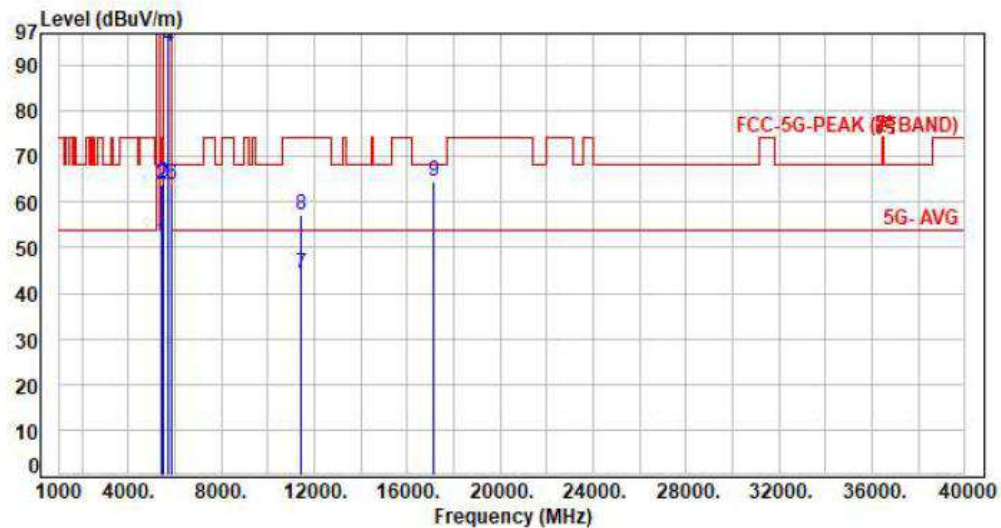
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3: Straddle Channel

Test Mode : 1TX 11a CH144 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	7.72	43.43	51.15	54.00	-2.85	Average	100	330	P
2	5460.00	7.72	56.17	63.89	74.00	-10.11	Peak	100	330	P
3	5470.00	7.72	56.64	64.36	68.20	-3.84	Peak	100	330	P
4	5720.00	7.39	86.53	93.92	200.00	-106.08	Average	100	330	P
5	5720.00	7.39	96.67	104.06	200.00	-95.94	Peak	100	330	P
6	5850.00	7.30	56.55	63.85	68.20	-4.35	Peak	100	330	P
7	11440.00	16.63	27.45	44.08	54.00	-9.92	Average	100	254	P
8	11440.00	16.63	40.38	57.01	74.00	-16.99	Peak	100	254	P
9	17160.00	24.42	40.02	64.44	68.20	-3.76	Peak	100	50	P

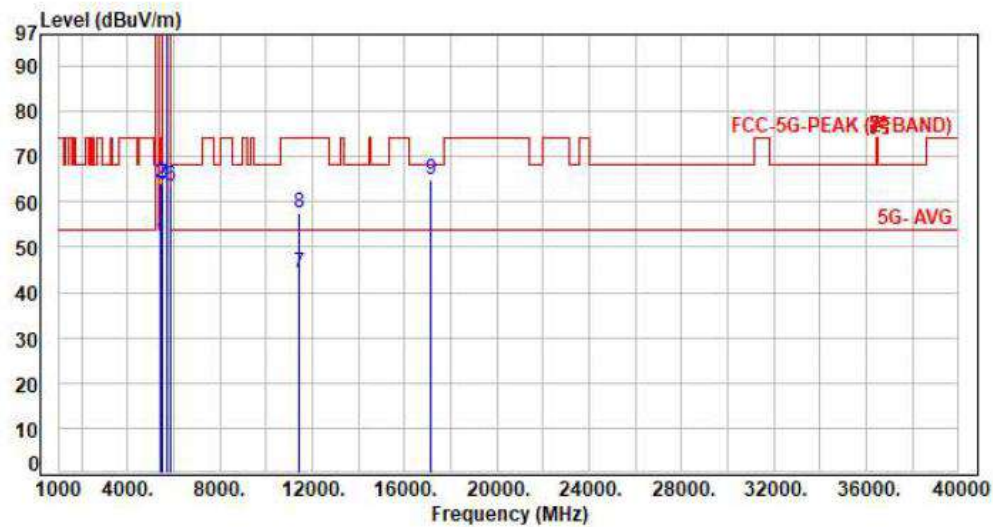
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3: Straddle Channel

Test Mode : 1TX 11a CH144 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	7.72	43.42	51.14	54.00	-2.86	Average	100	313	P
2	5460.00	7.72	56.54	64.26	74.00	-9.74	Peak	100	313	P
3	5470.00	7.72	56.02	63.74	68.20	-4.46	Peak	100	313	P
4	5720.00	7.39	93.49	100.88	200.00	-99.12	Average	100	313	P
5	5720.00	7.39	103.52	110.91	200.00	-89.09	Peak	100	313	P
6	5850.00	7.30	56.16	63.46	68.20	-4.74	Peak	100	313	P
7	11440.00	16.63	27.68	44.31	54.00	-9.69	Average	100	117	P
8	11440.00	16.63	40.94	57.57	74.00	-16.43	Peak	100	117	P
9	17160.00	24.42	40.41	64.83	68.20	-3.37	Peak	100	33	P

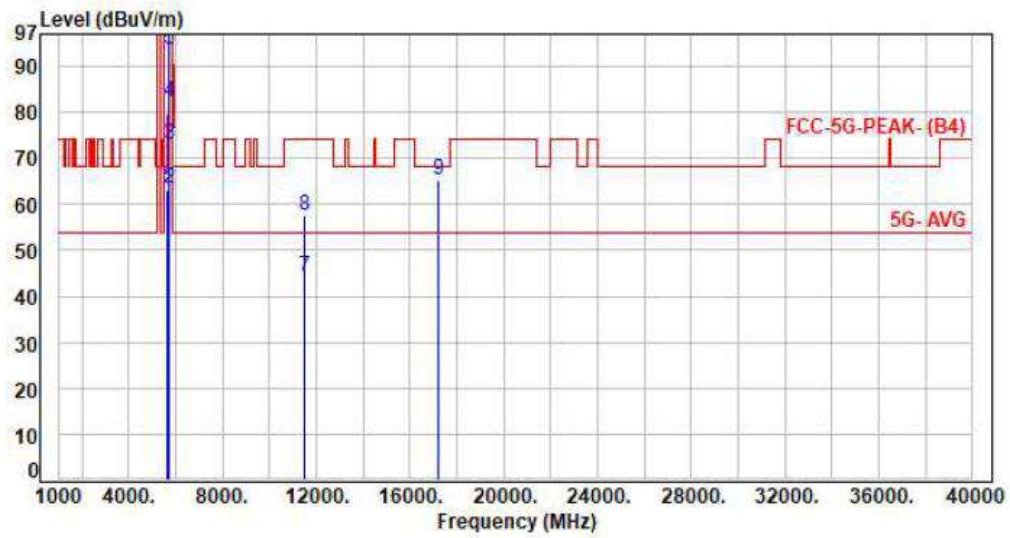
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH149 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	5650.00	7.54	55.46	63.00	68.20	-5.20	Peak	100	91	P
2	5700.00	7.41	55.85	63.26	105.20	-41.94	Peak	100	91	P
3	5720.00	7.39	65.53	72.92	110.80	-37.88	Peak	100	91	P
4	5725.00	7.39	74.71	82.10	122.20	-40.10	Peak	100	91	P
5	5745.00	7.38	86.44	93.82	200.00	-106.18	Average	100	91	P
6	5745.00	7.38	96.38	103.76	200.00	-96.24	Peak	100	91	P
7	11490.00	16.75	27.47	44.22	54.00	-9.78	Average	100	254	P
8	11490.00	16.75	40.62	57.37	74.00	-16.63	Peak	100	254	P
9	17235.00	24.83	40.50	65.33	68.20	-2.87	Peak	100	48	P

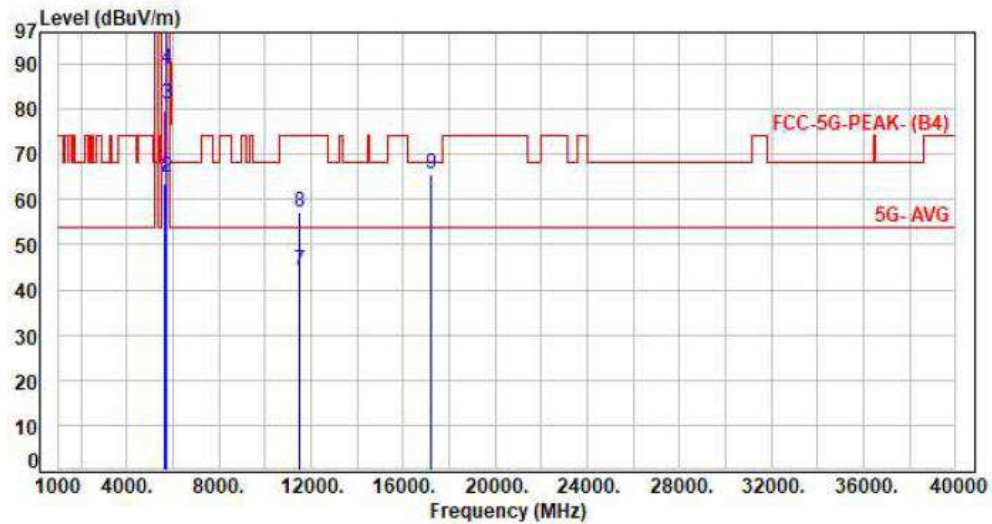
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH149 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	5650.00	7.54	55.82	63.36	68.20	-4.84	Peak	100	320	P
2	5700.00	7.41	57.53	64.94	105.20	-40.26	Peak	100	320	P
3	5720.00	7.39	73.76	81.15	110.80	-29.65	Peak	100	320	P
4	5725.00	7.39	81.42	88.81	122.20	-33.39	Peak	100	320	P
5	5745.00	7.38	93.10	100.48	200.00	-99.52	Average	100	320	P
6	5745.00	7.38	102.86	110.24	200.00	-89.76	Peak	100	320	P
7	11490.00	16.75	27.53	44.28	54.00	-9.72	Average	100	114	P
8	11490.00	16.75	40.33	57.08	74.00	-16.92	Peak	100	114	P
9	17235.00	24.83	40.66	65.49	68.20	-2.71	Peak	100	38	P

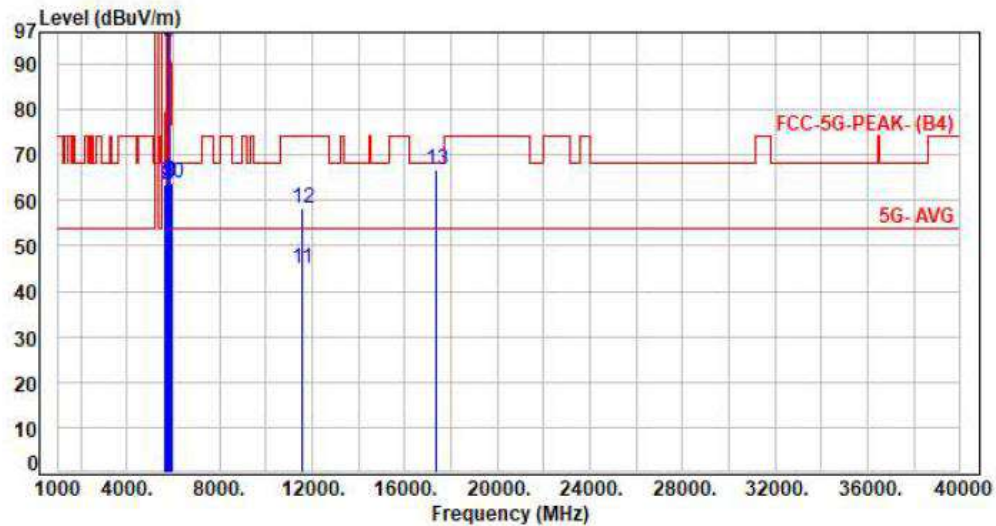
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH157 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	5650.00	7.54	55.83	63.37	68.20	-4.83	Peak	102	333	P
2	5700.00	7.41	56.08	63.49	105.20	-41.71	Peak	102	333	P
3	5720.00	7.39	56.62	64.01	110.80	-46.79	Peak	102	333	P
4	5725.00	7.39	56.31	63.70	122.20	-58.50	Peak	102	333	P
5	5785.00	7.34	87.41	94.75	200.00	-105.25	Average	102	333	P
6	5785.00	7.34	97.30	104.64	200.00	-95.36	Peak	102	333	P
7	5850.00	7.30	56.24	63.54	122.20	-58.66	Peak	102	333	P
8	5855.00	7.32	56.43	63.75	110.80	-47.05	Peak	102	333	P
9	5875.00	7.39	56.79	64.18	105.20	-41.02	Peak	102	333	P
10	5925.00	7.51	56.18	63.69	68.20	-4.51	Peak	102	333	P
11	11570.00	17.65	27.49	45.14	54.00	-8.86	Average	100	254	P
12	11570.00	17.65	40.56	58.21	74.00	-15.79	Peak	100	254	P
13	17355.00	25.69	41.16	66.85	68.20	-1.35	Peak	100	57	P

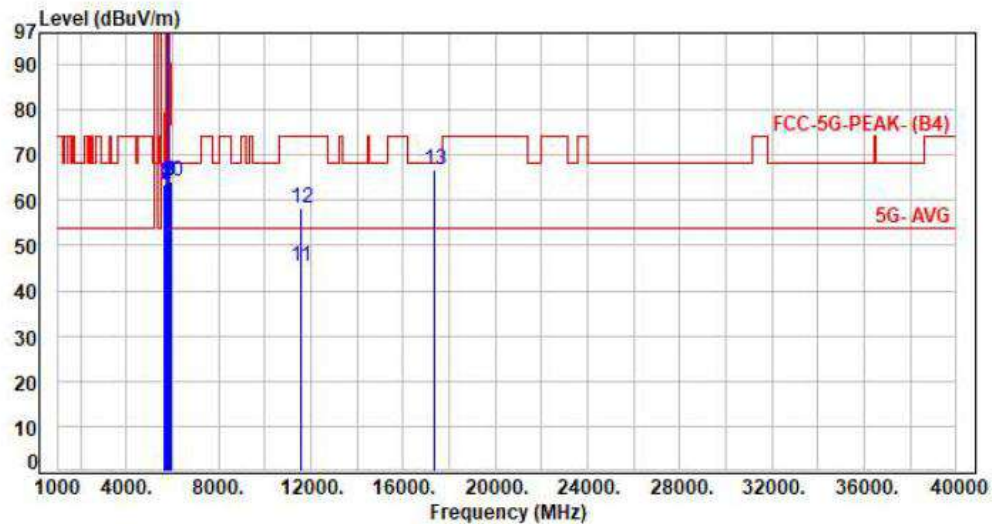
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH157 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

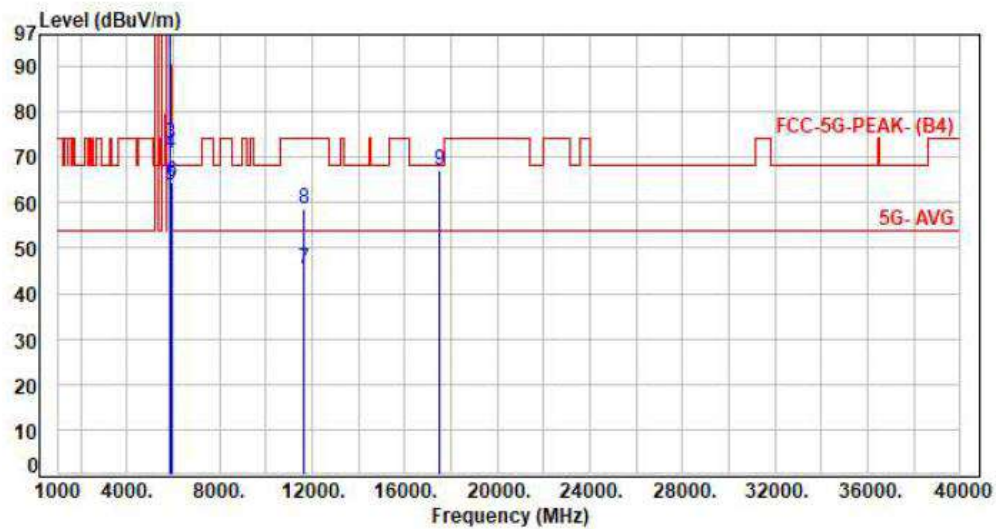


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5650.00	7.54	55.92	63.46	68.20	-4.74	Peak	285	317	P
2	5700.00	7.41	56.12	63.53	105.20	-41.67	Peak	285	317	P
3	5720.00	7.39	56.59	63.98	110.80	-46.82	Peak	285	317	P
4	5725.00	7.39	56.52	63.91	122.20	-58.29	Peak	285	317	P
5	5785.00	7.34	94.23	101.57	200.00	-98.43	Average	285	317	P
6	5785.00	7.34	104.37	111.71	200.00	-88.29	Peak	285	317	P
7	5850.00	7.30	57.05	64.35	122.20	-57.85	Peak	285	317	P
8	5855.00	7.32	56.89	64.21	110.80	-46.59	Peak	285	317	P
9	5875.00	7.39	56.62	64.01	105.20	-41.19	Peak	285	317	P
10	5925.00	7.51	56.65	64.16	68.20	-4.04	Peak	285	317	P
11	11570.00	17.65	27.75	45.40	54.00	-8.60	Average	100	113	P
12	11570.00	17.65	40.52	58.17	74.00	-15.83	Peak	100	113	P
13	17355.00	25.69	40.96	66.65	68.20	-1.55	Peak	100	31	P

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

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH165 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

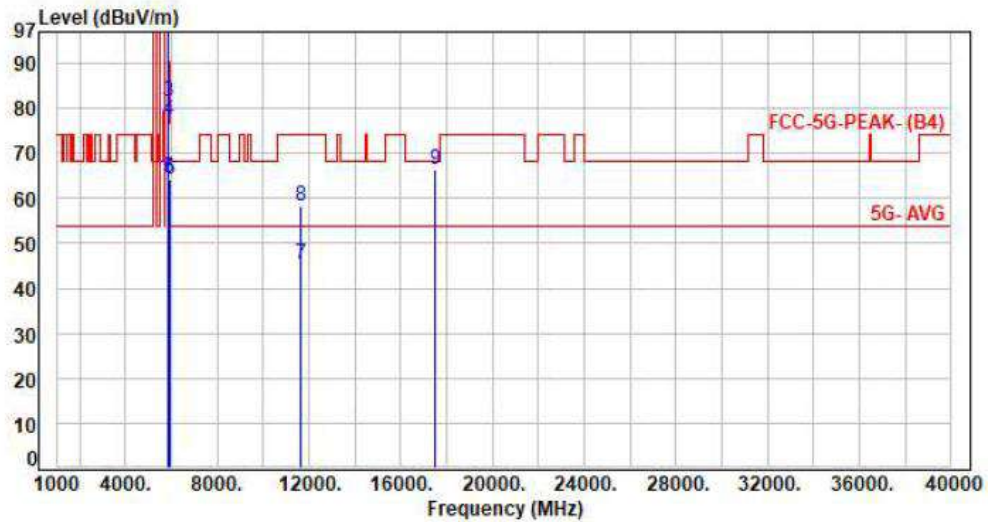


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5825.00	7.32	85.84	93.16	200.00	-106.84	Average	100	165	P
2	5825.00	7.32	96.28	103.60	200.00	-96.40	Peak	100	165	P
3	5850.00	7.30	65.60	72.90	122.20	-49.30	Peak	100	165	P
4	5855.00	7.32	63.41	70.73	110.80	-40.07	Peak	100	165	P
5	5875.00	7.39	56.29	63.68	105.20	-41.52	Peak	100	165	P
6	5925.00	7.51	56.88	64.39	68.20	-3.81	Peak	100	165	P
7	11650.00	17.74	27.71	45.45	54.00	-8.55	Average	100	254	P
8	11650.00	17.74	40.88	58.62	74.00	-15.38	Peak	100	254	P
9	17475.00	26.42	40.77	67.19	68.20	-1.01	Peak	100	56	P

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

**Test Mode** Mode 1, Band 4

Test Mode : 1TX 11a CH165 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	5825.00	7.32	94.11	101.43	200.00	-98.57	Average	282	305	P
2	5825.00	7.32	103.97	111.29	200.00	-88.71	Peak	282	305	P
3	5850.00	7.30	74.34	81.64	122.20	-40.56	Peak	282	305	P
4	5855.00	7.32	70.30	77.62	110.80	-33.18	Peak	282	305	P
5	5875.00	7.39	57.01	64.40	105.20	-40.80	Peak	282	305	P
6	5925.00	7.51	56.65	64.16	68.20	-4.04	Peak	282	305	P
7	11650.00	17.74	27.49	45.23	54.00	-8.77	Average	100	120	P
8	11650.00	17.74	40.45	58.19	74.00	-15.81	Peak	100	120	P
9	17475.00	26.42	40.14	66.56	68.20	-1.64	Peak	100	34	P

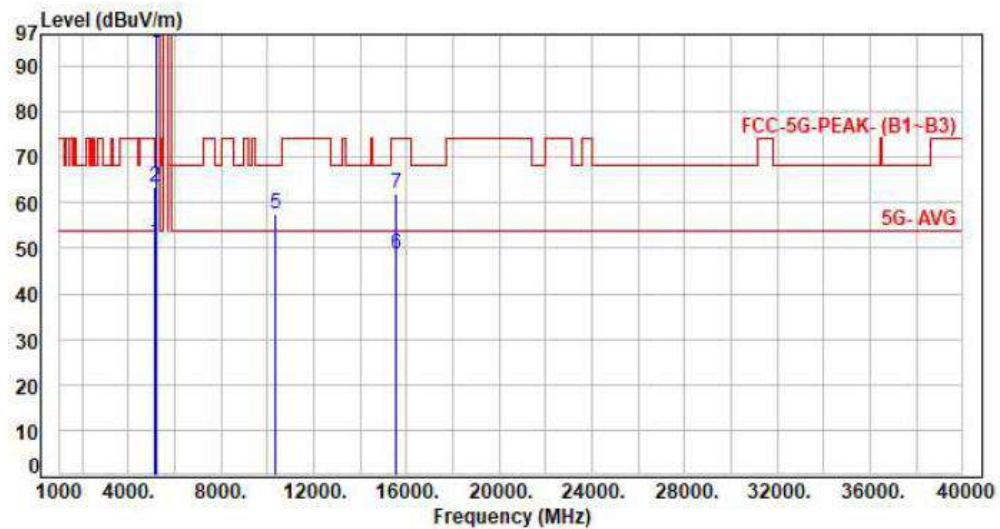
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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	7.18	44.12	51.30	54.00	-2.70	Average	115	165	P
2	5150.00	7.18	56.33	63.51	74.00	-10.49	Peak	115	165	P
3	5180.00	7.25	88.01	95.26	200.00	-104.74	Average	115	165	P
4	5180.00	7.25	100.18	107.43	200.00	-92.57	Peak	115	165	P
5	10360.00	15.21	42.50	57.71	68.20	-10.49	Peak	100	355	P
6	15540.00	19.80	28.87	48.67	54.00	-5.33	Average	100	121	P
7	15540.00	19.80	42.21	62.01	74.00	-11.99	Peak	100	121	P

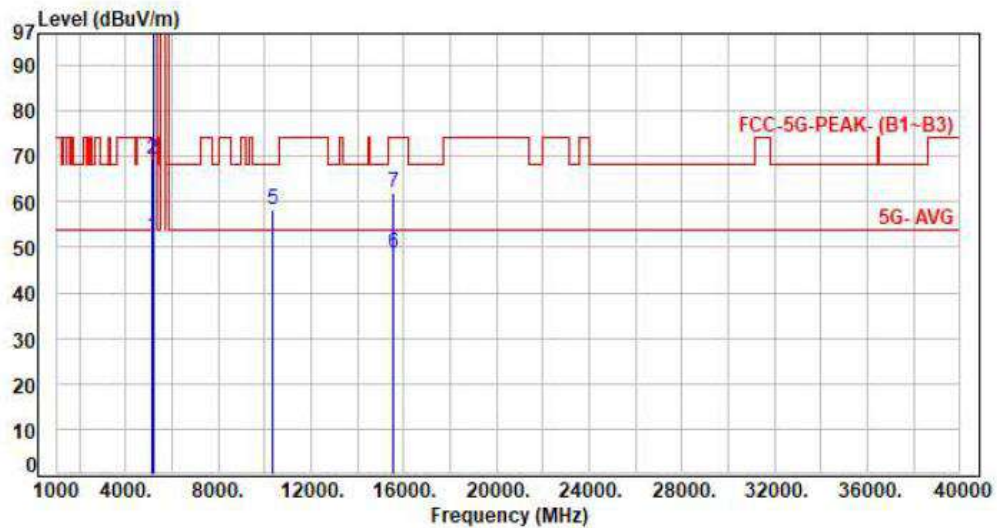
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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

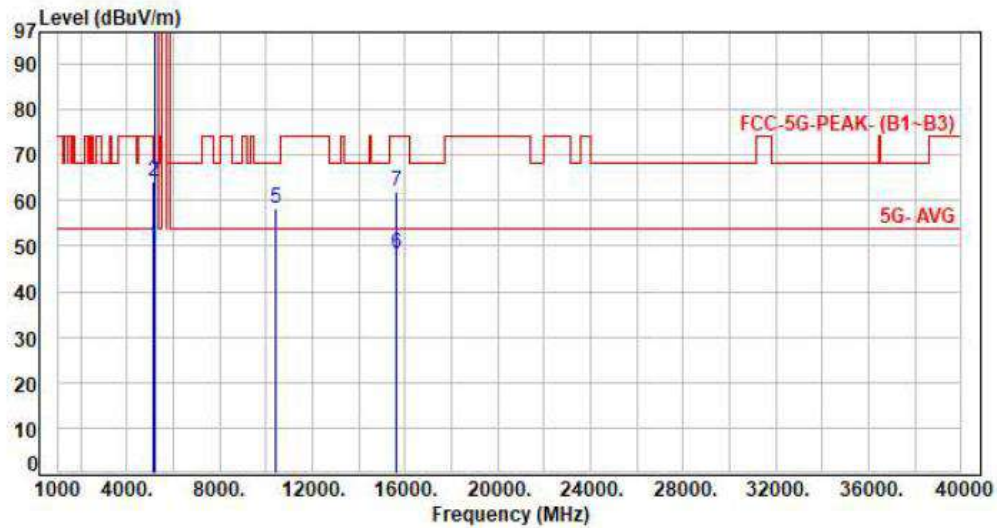


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	7.18	45.27	52.45	54.00	-1.55	Average	100	289	P
2	5150.00	7.18	62.25	69.43	74.00	-4.57	Peak	100	289	P
3	5180.00	7.25	92.53	99.78	200.00	-100.22	Average	100	289	P
4	5180.00	7.25	104.35	111.60	200.00	-88.40	Peak	100	289	P
5	10360.00	15.21	42.99	58.20	68.20	-10.00	Peak	100	51	P
6	15540.00	19.80	28.85	48.65	54.00	-5.35	Average	100	58	P
7	15540.00	19.80	41.98	61.78	74.00	-12.22	Peak	100	58	P

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

**Test Mode** Mode 1, Band 1

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

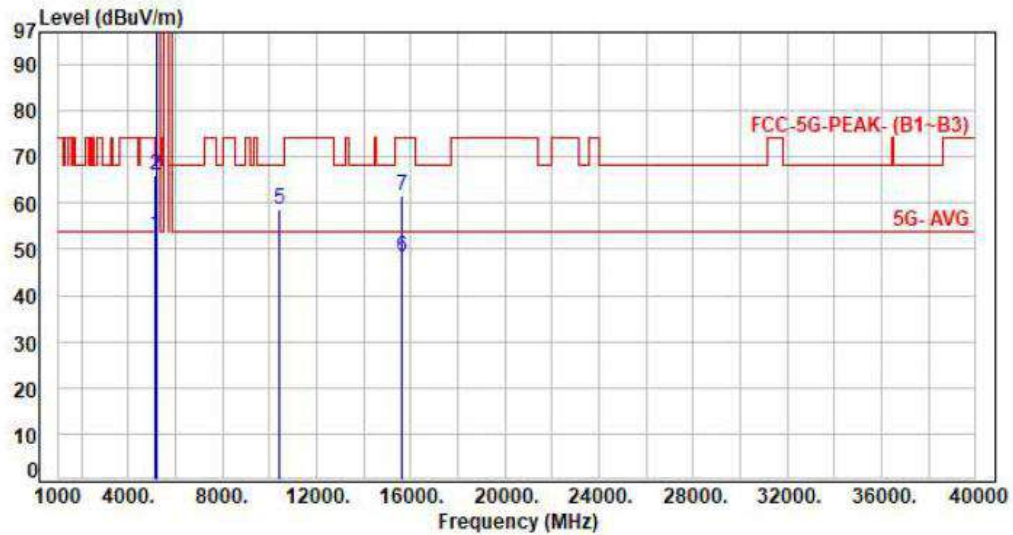


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	7.18	43.16	50.34	54.00	-3.66	Average	128	328	P
2	5150.00	7.18	57.11	64.29	74.00	-9.71	Peak	128	328	P
3	5200.00	7.30	92.34	99.64	200.00	-100.36	Average	128	328	P
4	5200.00	7.30	104.50	111.80	200.00	-88.20	Peak	128	328	P
5	10400.00	15.16	42.98	58.14	68.20	-10.06	Peak	100	360	P
6	15600.00	19.45	28.89	48.34	54.00	-5.66	Average	100	121	P
7	15600.00	19.45	42.46	61.91	74.00	-12.09	Peak	100	121	P

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

**Test Mode** Mode 1, Band 1

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

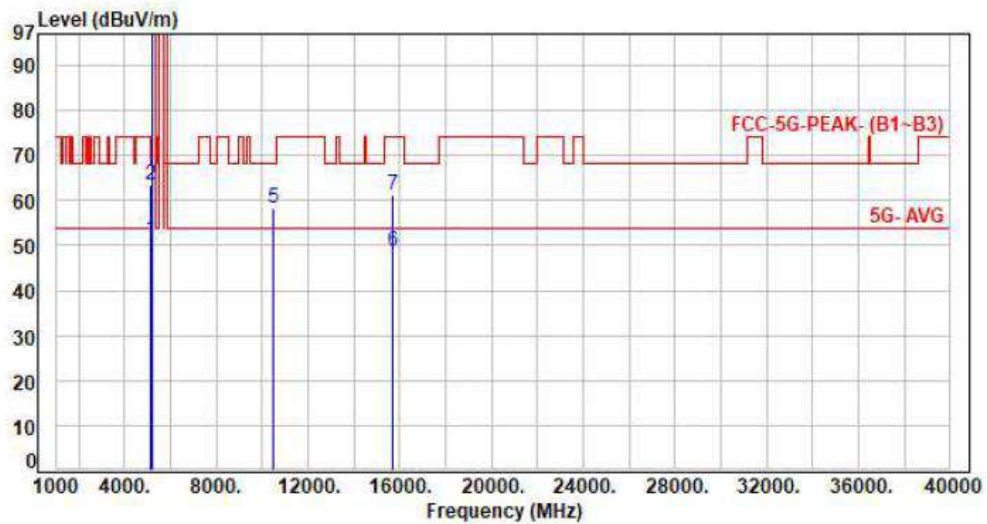


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	7.18	45.76	52.94	54.00	-1.06	Average	107	286	P
2	5150.00	7.18	59.00	66.18	74.00	-7.82	Peak	107	286	P
3	5200.00	7.30	96.36	103.66	200.00	-96.34	Average	107	286	P
4	5200.00	7.30	108.17	115.47	200.00	-84.53	Peak	107	286	P
5	10400.00	15.16	43.64	58.80	68.20	-9.40	Peak	100	52	P
6	15600.00	19.45	28.92	48.37	54.00	-5.63	Average	100	56	P
7	15600.00	19.45	42.16	61.61	74.00	-12.39	Peak	100	56	P

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

**Test Mode** Mode 1, Band 1

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	7.18	43.98	51.16	54.00	-2.84	Average	101	325	P
2	5150.00	7.18	56.33	63.51	74.00	-10.49	Peak	101	325	P
3	5240.00	7.32	92.23	99.55	200.00	-100.45	Average	101	325	P
4	5240.00	7.32	104.37	111.69	200.00	-88.31	Peak	101	325	P
5	10480.00	15.44	42.85	58.29	68.20	-9.91	Peak	100	358	P
6	15720.00	19.61	29.00	48.61	54.00	-5.39	Average	100	123	P
7	15720.00	19.61	41.78	61.39	74.00	-12.61	Peak	100	123	P

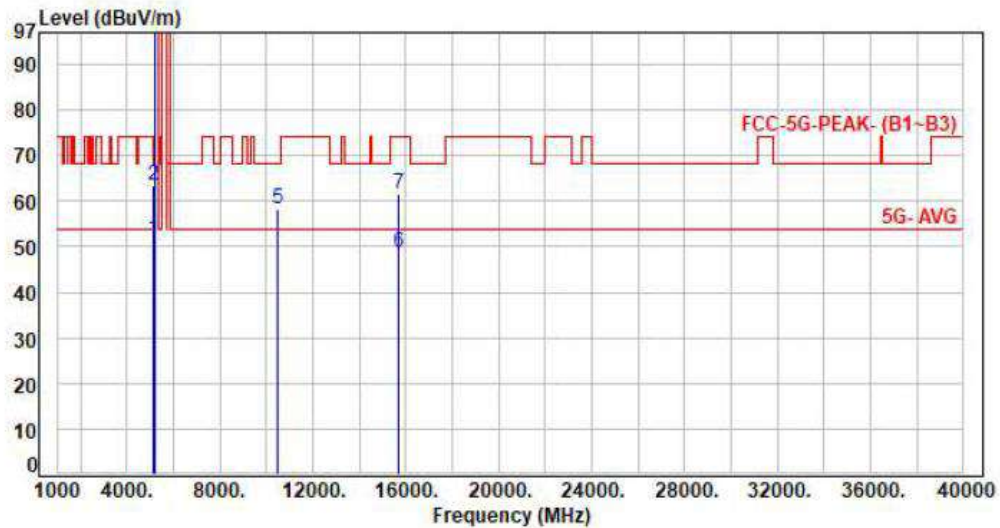
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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

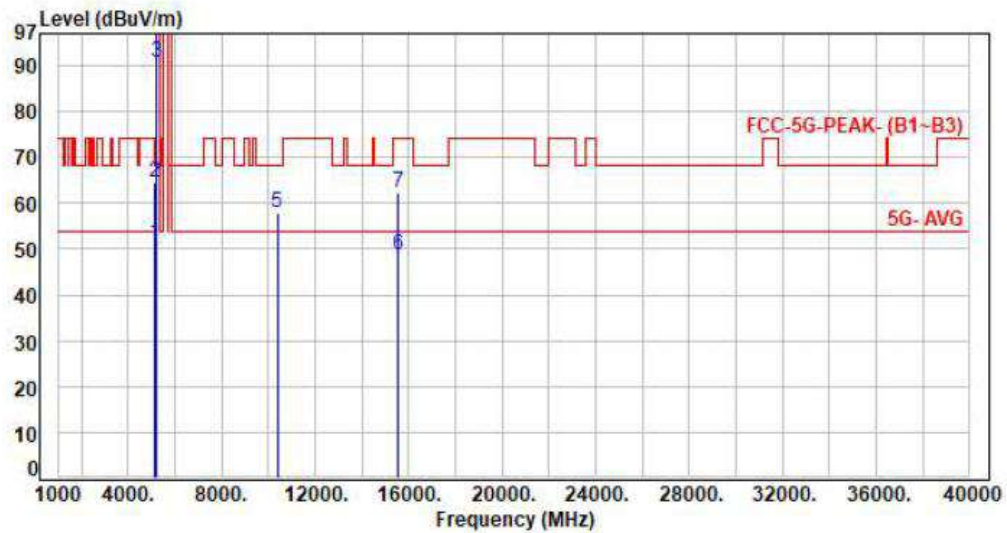


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	7.18	44.40	51.58	54.00	-2.42	Average	100	284	P
2	5150.00	7.18	56.38	63.56	74.00	-10.44	Peak	100	284	P
3	5240.00	7.32	96.48	103.80	200.00	-96.20	Average	100	284	P
4	5240.00	7.32	107.69	115.01	200.00	-84.99	Peak	100	284	P
5	10480.00	15.44	42.67	58.11	68.20	-10.09	Peak	100	52	P
6	15720.00	19.61	28.90	48.51	54.00	-5.49	Average	100	54	P
7	15720.00	19.61	42.16	61.77	74.00	-12.23	Peak	100	54	P

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

**Test Mode** Mode 1, Band 1

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	7.18	44.03	51.21	54.00	-2.79	Average	107	332	P
2	5150.00	7.18	57.54	64.72	74.00	-9.28	Peak	107	332	P
3	5190.00	7.28	83.51	90.79	200.00	-109.21	Average	107	332	P
4	5190.00	7.28	95.19	102.47	200.00	-97.53	Peak	107	332	P
5	10380.00	15.19	42.71	57.90	68.20	-10.30	Peak	100	354	P
6	15570.00	19.60	28.91	48.51	54.00	-5.49	Average	100	121	P
7	15570.00	19.60	42.63	62.23	74.00	-11.77	Peak	100	121	P

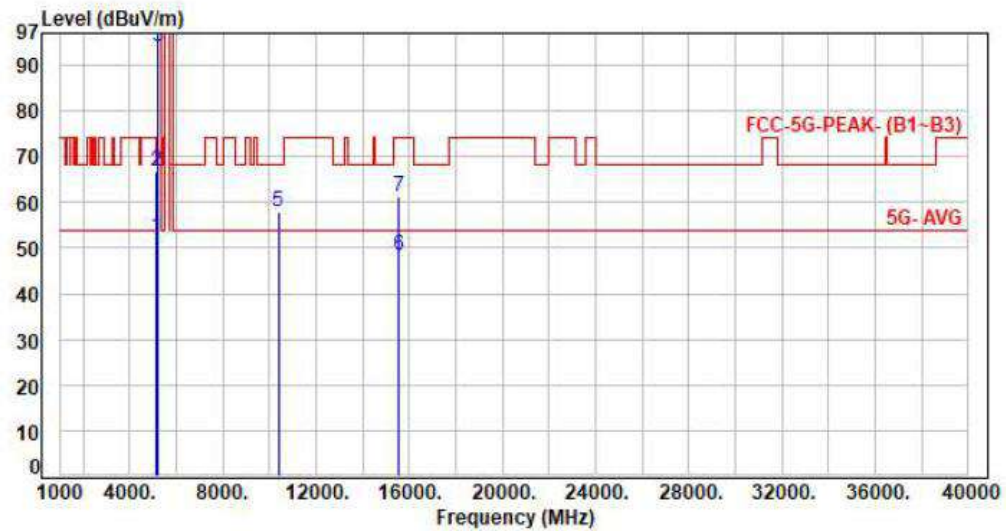
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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	7.18	45.14	52.32	54.00	-1.68	Average	102	290	P
2	5150.00	7.18	59.69	66.87	74.00	-7.13	Peak	102	290	P
3	5190.00	7.28	86.61	93.89	200.00	-106.11	Average	102	290	P
4	5190.00	7.28	99.29	106.57	200.00	-93.43	Peak	102	290	P
5	10380.00	15.19	42.54	57.73	68.20	-10.47	Peak	100	46	P
6	15570.00	19.60	28.89	48.49	54.00	-5.51	Average	100	57	P
7	15570.00	19.60	41.69	61.29	74.00	-12.71	Peak	100	57	P

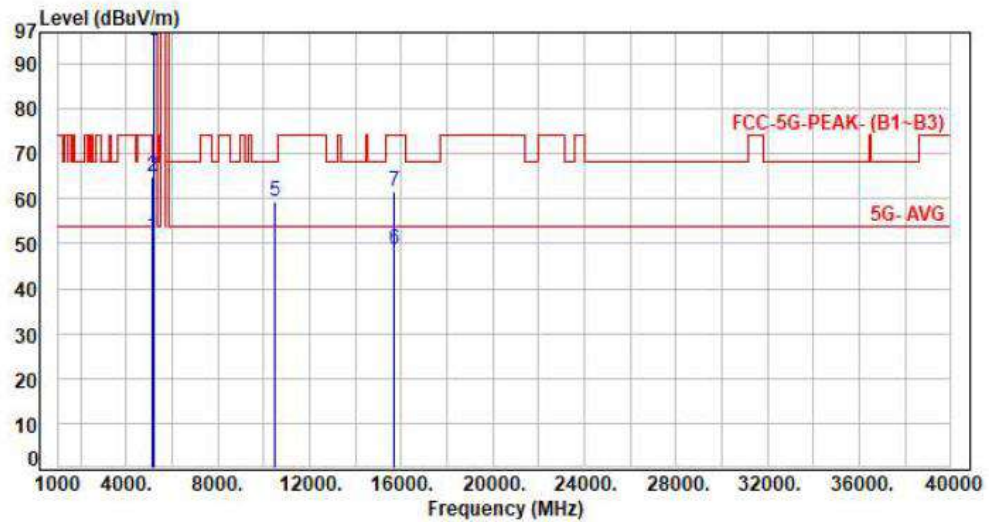
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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	7.18	44.56	51.74	54.00	-2.26	Average	100	350	P
2	5150.00	7.18	57.87	65.05	74.00	-8.95	Peak	100	350	P
3	5230.00	7.31	87.83	95.14	200.00	-104.86	Average	100	350	P
4	5230.00	7.31	99.37	106.68	200.00	-93.32	Peak	100	350	P
5	10460.00	15.32	44.10	59.42	68.20	-8.78	Peak	100	359	P
6	15690.00	19.60	28.94	48.54	54.00	-5.46	Average	100	124	P
7	15690.00	19.60	42.10	61.70	74.00	-12.30	Peak	100	124	P

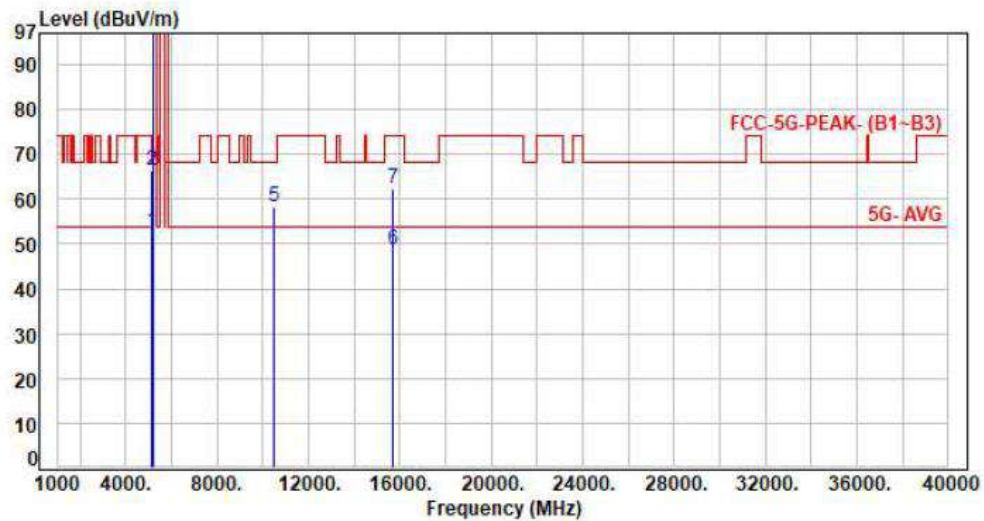
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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

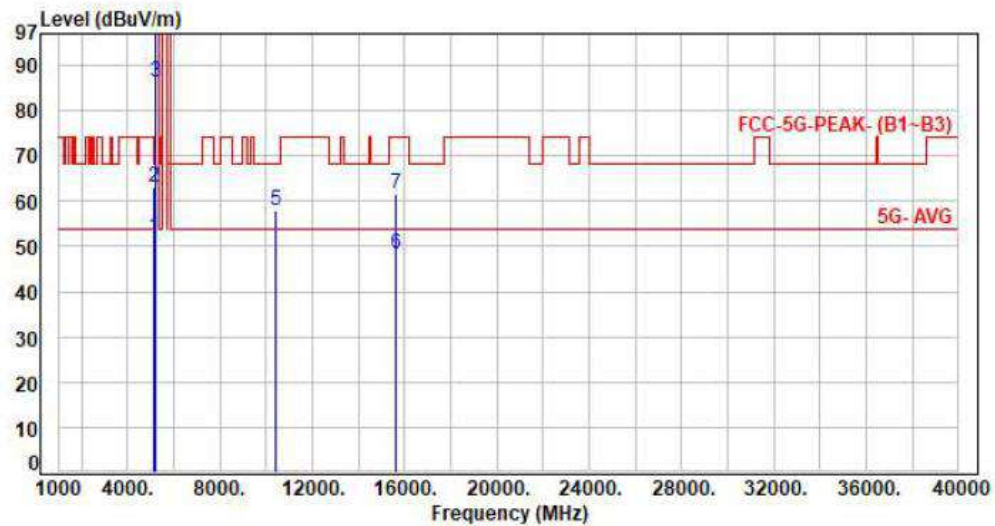


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	7.18	45.50	52.68	54.00	-1.32	Average	100	285	P
2	5150.00	7.18	59.26	66.44	74.00	-7.56	Peak	100	285	P
3	5230.00	7.31	91.93	99.24	200.00	-100.76	Average	100	285	P
4	5230.00	7.31	103.53	110.84	200.00	-89.16	Peak	100	285	P
5	10460.00	15.32	42.96	58.28	68.20	-9.92	Peak	100	50	P
6	15690.00	19.60	28.93	48.53	54.00	-5.47	Average	100	57	P
7	15690.00	19.60	42.61	62.21	74.00	-11.79	Peak	100	57	P

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

**Test Mode** Mode 1, Band 1

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	7.18	44.96	52.14	54.00	-1.86	Average	118	326	P
2	5150.00	7.18	56.04	63.22	74.00	-10.78	Peak	118	326	P
3	5210.00	7.31	79.05	86.36	200.00	-113.64	Average	118	326	P
4	5210.00	7.31	90.53	97.84	200.00	-102.16	Peak	118	326	P
5	10420.00	15.19	42.62	57.81	68.20	-10.39	Peak	100	357	P
6	15630.00	19.44	28.93	48.37	54.00	-5.63	Average	100	122	P
7	15630.00	19.44	42.04	61.48	74.00	-12.52	Peak	100	122	P

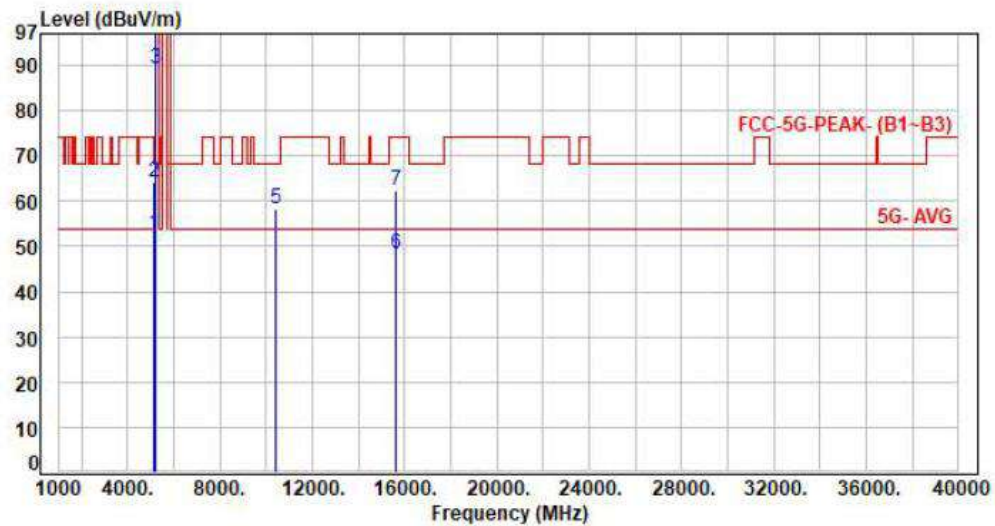
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 1

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	7.18	45.45	52.63	54.00	-1.37	Average	100	287	P
2	5150.00	7.18	56.81	63.99	74.00	-10.01	Peak	100	287	P
3	5210.00	7.31	82.07	89.38	200.00	-110.62	Average	100	287	P
4	5210.00	7.31	92.82	100.13	200.00	-99.87	Peak	100	287	P
5	10420.00	15.19	42.95	58.14	68.20	-10.06	Peak	100	52	P
6	15630.00	19.44	28.90	48.34	54.00	-5.66	Average	100	56	P
7	15630.00	19.44	42.91	62.35	74.00	-11.65	Peak	100	56	P

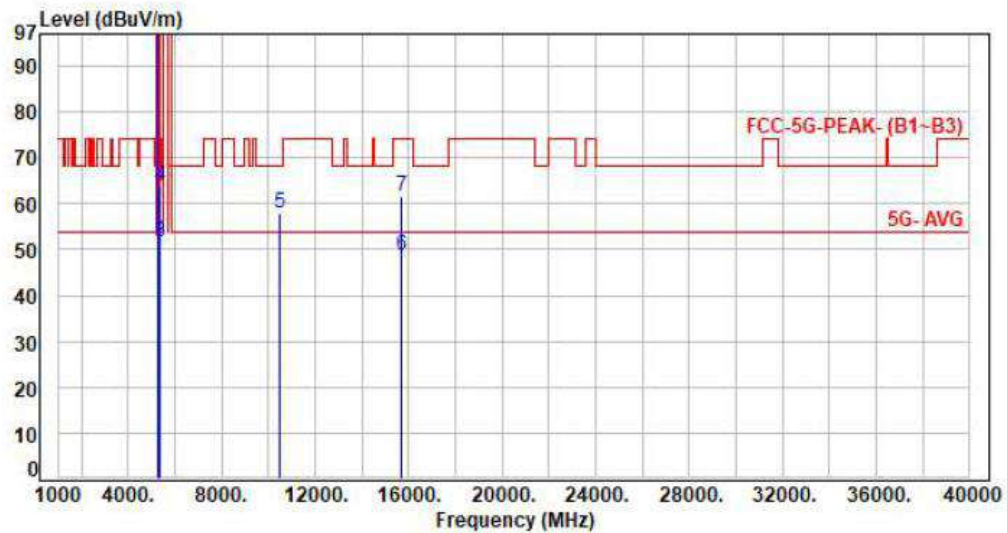
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.37	91.69	99.06	200.00	-100.94	Average	112	327	P
2	5260.00	7.37	103.76	111.13	200.00	-88.87	Peak	112	327	P
3	5350.00	7.67	43.99	51.66	54.00	-2.34	Average	112	327	P
4	5350.00	7.67	56.12	63.79	74.00	-10.21	Peak	112	327	P
5	10520.00	15.59	42.24	57.83	68.20	-10.37	Peak	100	357	P
6	15720.00	19.61	28.91	48.52	54.00	-5.48	Average	100	126	P
7	15720.00	19.61	42.07	61.68	74.00	-12.32	Peak	100	126	P

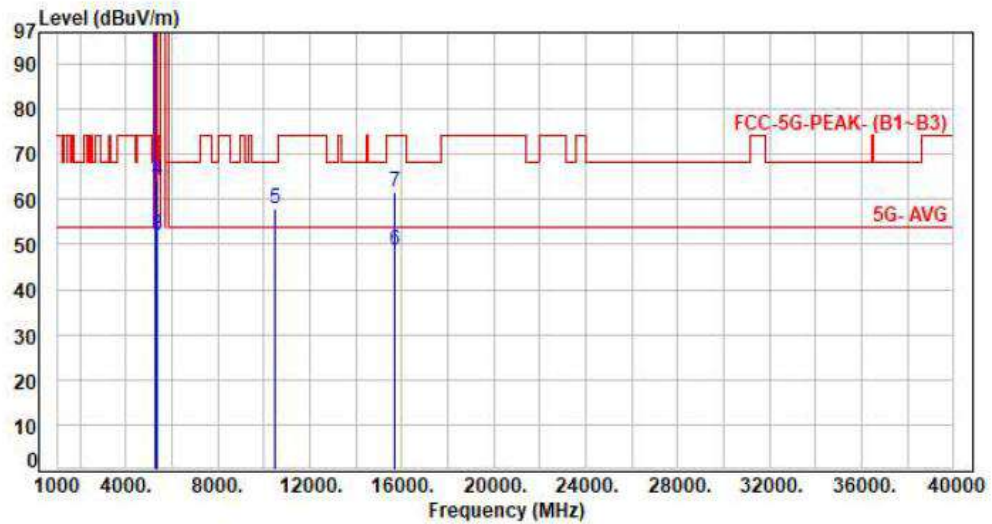
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.37	95.64	103.01	200.00	-96.99	Average	100	284	P
2	5260.00	7.37	107.40	114.77	200.00	-85.23	Peak	100	284	P
3	5350.00	7.67	44.23	51.90	54.00	-2.10	Average	100	284	P
4	5350.00	7.67	56.53	64.20	74.00	-9.80	Peak	100	284	P
5	10520.00	15.59	42.18	57.77	68.20	-10.43	Peak	100	51	P
6	15720.00	19.61	28.93	48.54	54.00	-5.46	Average	100	59	P
7	15720.00	19.61	42.15	61.76	74.00	-12.24	Peak	100	59	P

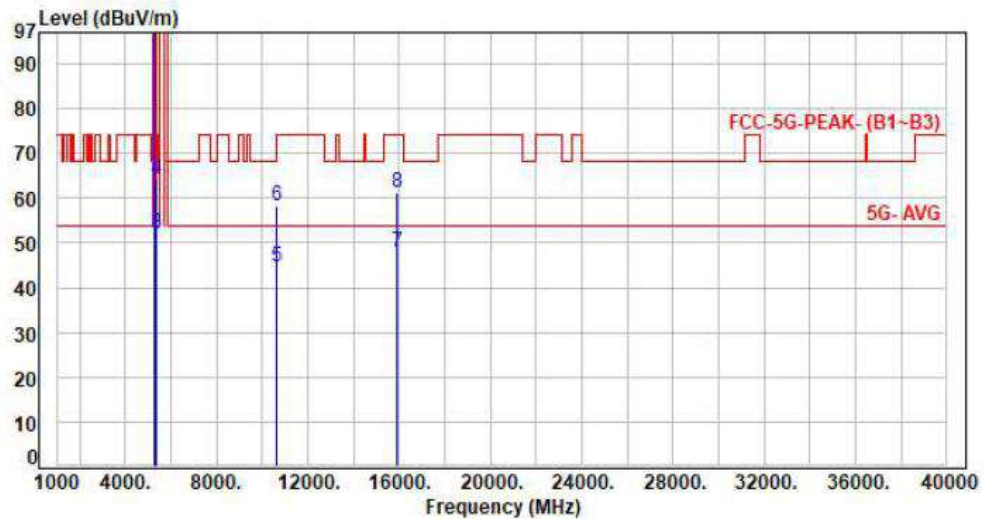
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.55	92.29	99.84	200.00	-100.16	Average	125	321	P
2	5300.00	7.55	104.21	111.76	200.00	-88.24	Peak	125	321	P
3	5350.00	7.67	44.44	52.11	54.00	-1.89	Average	125	321	P
4	5350.00	7.67	56.69	64.36	74.00	-9.64	Peak	125	321	P
5	10600.00	15.69	29.11	44.80	54.00	-9.20	Average	100	354	P
6	10600.00	15.69	42.46	58.15	74.00	-15.85	Peak	100	354	P
7	15900.00	19.12	28.92	48.04	54.00	-5.96	Average	100	124	P
8	15900.00	19.12	41.99	61.11	74.00	-12.89	Peak	100	124	P

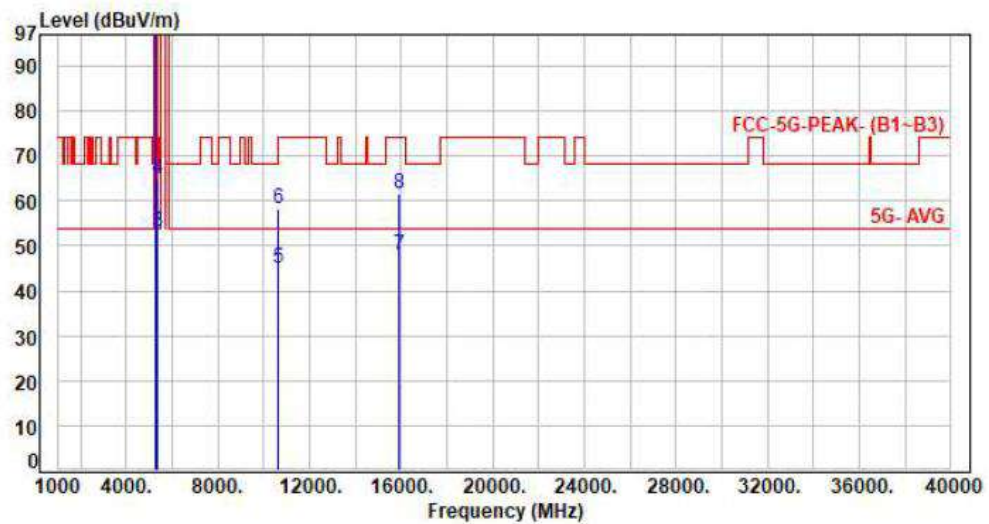
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.55	95.92	103.47	200.00	-96.53	Average	110	286	P
2	5300.00	7.55	107.65	115.20	200.00	-84.80	Peak	110	286	P
3	5350.00	7.67	45.26	52.93	54.00	-1.07	Average	110	286	P
4	5350.00	7.67	57.42	65.09	74.00	-8.91	Peak	110	286	P
5	10600.00	15.69	29.20	44.89	54.00	-9.11	Average	100	51	P
6	10600.00	15.69	42.49	58.18	74.00	-15.82	Peak	100	51	P
7	15900.00	19.12	28.83	47.95	54.00	-6.05	Average	100	56	P
8	15900.00	19.12	42.39	61.51	74.00	-12.49	Peak	100	56	P

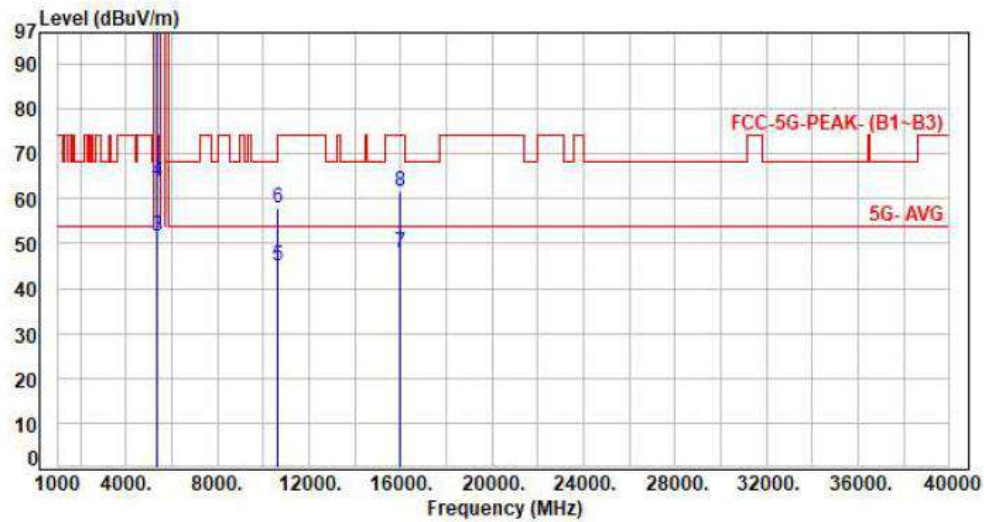
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.60	86.90	94.50	200.00	-105.50	Average	100	323	P
2	5320.00	7.60	99.10	106.70	200.00	-93.30	Peak	100	323	P
3	5350.00	7.67	43.96	51.63	54.00	-2.37	Average	100	323	P
4	5350.00	7.67	56.26	63.93	74.00	-10.07	Peak	100	323	P
5	10640.00	15.73	29.18	44.91	54.00	-9.09	Average	100	360	P
6	10640.00	15.73	42.15	57.88	74.00	-16.12	Peak	100	360	P
7	15960.00	19.05	29.05	48.10	54.00	-5.90	Average	100	124	P
8	15960.00	19.05	42.71	61.76	74.00	-12.24	Peak	100	124	P

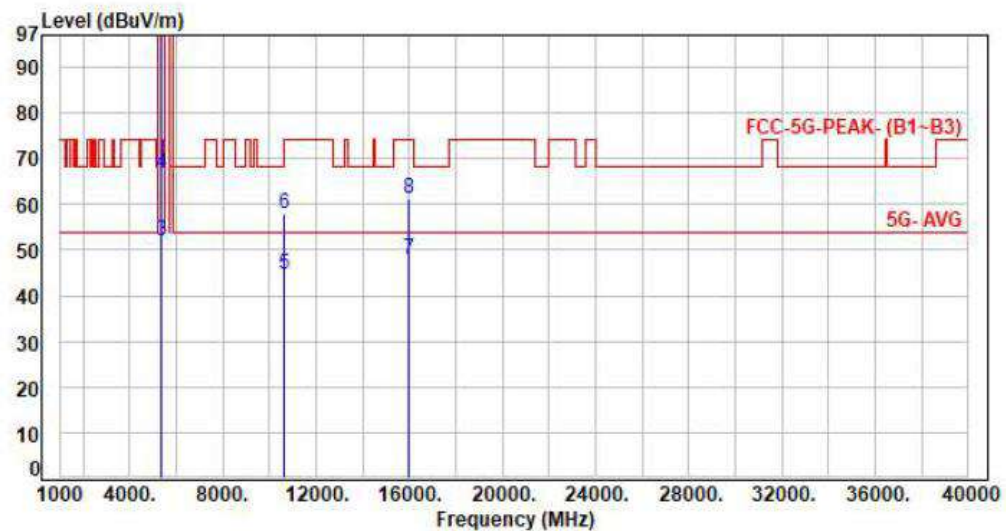
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.60	91.13	98.73	200.00	-101.27	Average	108	285	P
2	5320.00	7.60	103.61	111.21	200.00	-88.79	Peak	108	285	P
3	5350.00	7.67	44.49	52.16	54.00	-1.84	Average	108	285	P
4	5350.00	7.67	59.00	66.67	74.00	-7.33	Peak	108	285	P
5	10640.00	15.73	29.03	44.76	54.00	-9.24	Average	100	52	P
6	10640.00	15.73	42.06	57.79	74.00	-16.21	Peak	100	52	P
7	15960.00	19.05	29.06	48.11	54.00	-5.89	Average	100	62	P
8	15960.00	19.05	42.33	61.38	74.00	-12.62	Peak	100	62	P

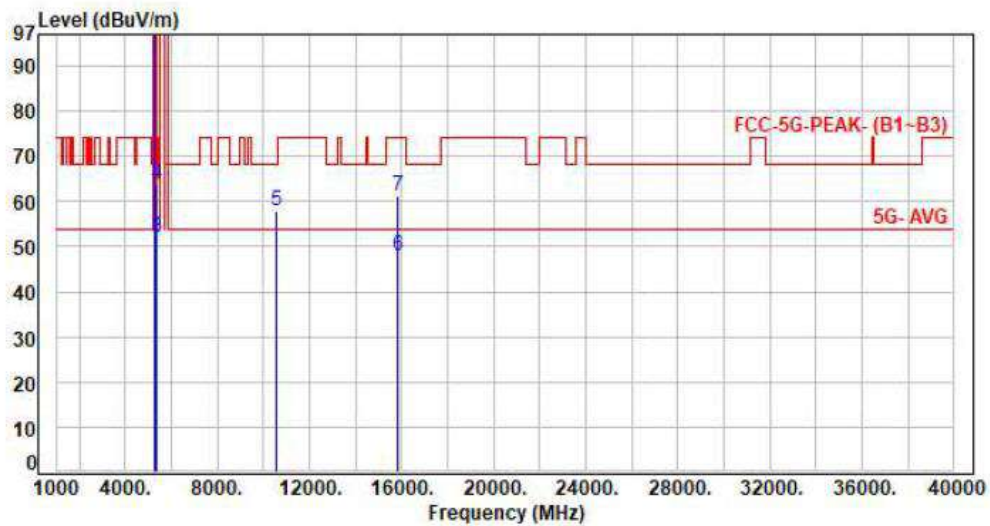
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.42	88.15	95.57	200.00	-104.43	Average	106	327	P
2	5270.00	7.42	100.08	107.50	200.00	-92.50	Peak	106	327	P
3	5350.00	7.67	44.46	52.13	54.00	-1.87	Average	106	327	P
4	5350.00	7.67	56.23	63.90	74.00	-10.10	Peak	106	327	P
5	10540.00	15.61	42.46	58.07	68.20	-10.13	Peak	100	358	P
6	15810.00	19.17	28.88	48.05	54.00	-5.95	Average	100	121	P
7	15810.00	19.17	42.00	61.17	74.00	-12.83	Peak	100	121	P

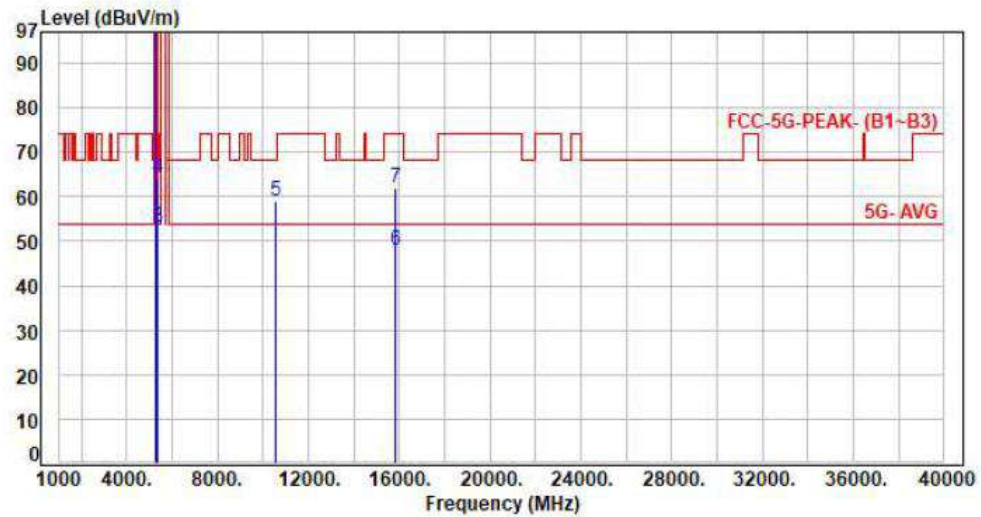
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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

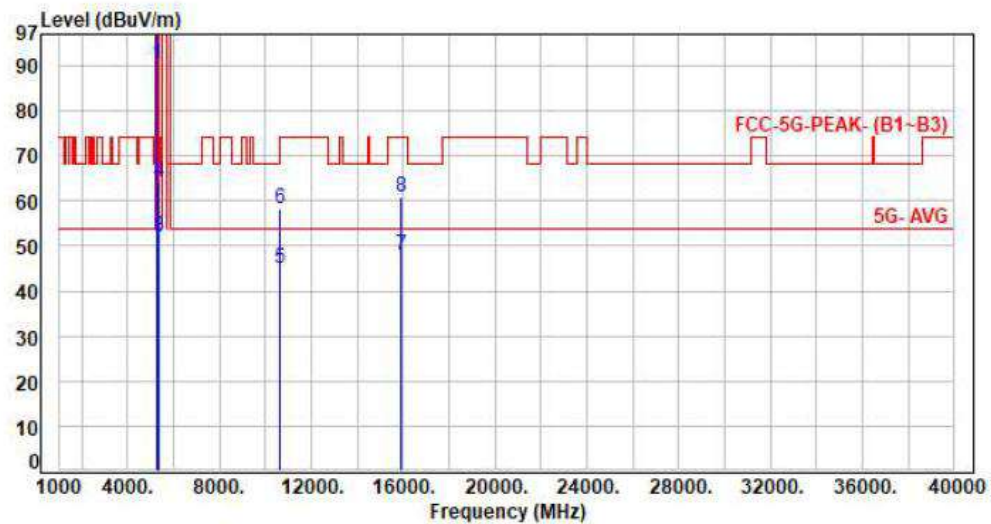


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5270.00	7.42	91.26	98.68	200.00	-101.32	Average	107	287	P
2	5270.00	7.42	103.13	110.55	200.00	-89.45	Peak	107	287	P
3	5350.00	7.67	45.29	52.96	54.00	-1.04	Average	107	287	P
4	5350.00	7.67	56.52	64.19	74.00	-9.81	Peak	107	287	P
5	10540.00	15.61	43.34	58.95	68.20	-9.25	Peak	100	59	P
6	15810.00	19.17	28.82	47.99	54.00	-6.01	Average	100	59	P
7	15810.00	19.17	42.62	61.79	74.00	-12.21	Peak	100	59	P

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

**Test Mode** Mode 1, Band 2

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	7.57	82.70	90.27	200.00	-109.73	Average	103	321	P
2	5310.00	7.57	95.27	102.84	200.00	-97.16	Peak	103	321	P
3	5350.00	7.67	44.42	52.09	54.00	-1.91	Average	103	321	P
4	5350.00	7.67	56.37	64.04	74.00	-9.96	Peak	103	321	P
5	10620.00	15.70	29.14	44.84	54.00	-9.16	Average	100	360	P
6	10620.00	15.70	42.63	58.33	74.00	-15.67	Peak	100	360	P
7	15930.00	19.08	28.96	48.04	54.00	-5.96	Average	100	120	P
8	15930.00	19.08	41.63	60.71	74.00	-13.29	Peak	100	120	P

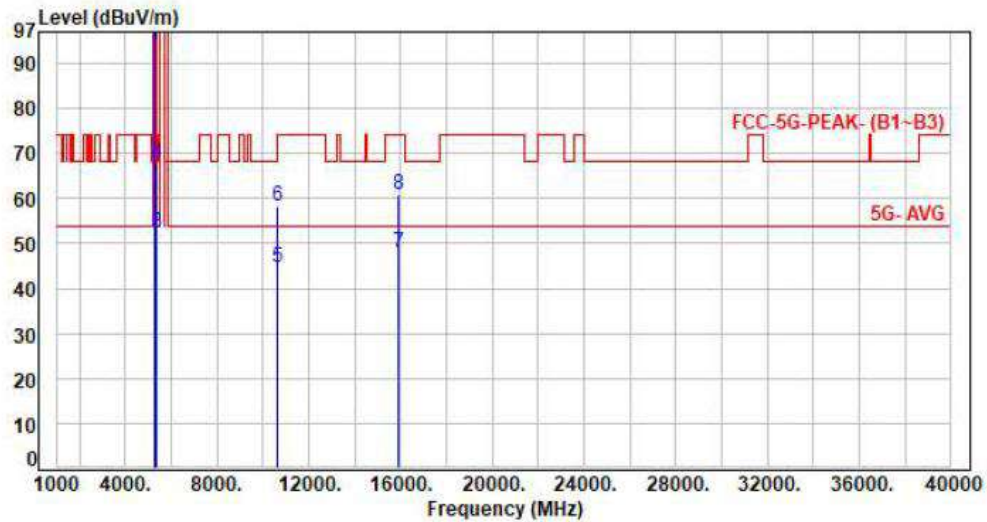
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.57	86.50	94.07	200.00	-105.93	Average	100	287	P
2	5310.00	7.57	99.56	107.13	200.00	-92.87	Peak	100	287	P
3	5350.00	7.67	44.71	52.38	54.00	-1.62	Average	100	287	P
4	5350.00	7.67	60.25	67.92	74.00	-6.08	Peak	100	287	P
5	10620.00	15.70	29.03	44.73	54.00	-9.27	Average	100	55	P
6	10620.00	15.70	42.50	58.20	74.00	-15.80	Peak	100	55	P
7	15930.00	19.08	28.91	47.99	54.00	-6.01	Average	100	61	P
8	15930.00	19.08	41.83	60.91	74.00	-13.09	Peak	100	61	P

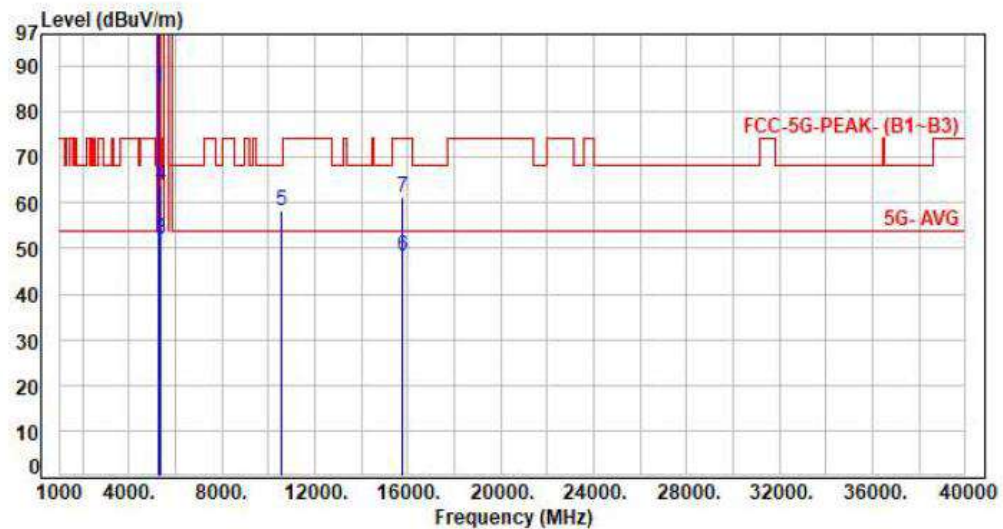
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.50	77.83	85.33	200.00	-114.67	Average	114	324	P
2	5290.00	7.50	89.56	97.06	200.00	-102.94	Peak	114	324	P
3	5350.00	7.67	44.37	52.04	54.00	-1.96	Average	114	324	P
4	5350.00	7.67	56.30	63.97	74.00	-10.03	Peak	114	324	P
5	10580.00	15.66	42.50	58.16	68.20	-10.04	Peak	100	351	P
6	15770.00	19.42	28.79	48.21	54.00	-5.79	Average	100	118	P
7	15770.00	19.42	41.81	61.23	74.00	-12.77	Peak	100	118	P

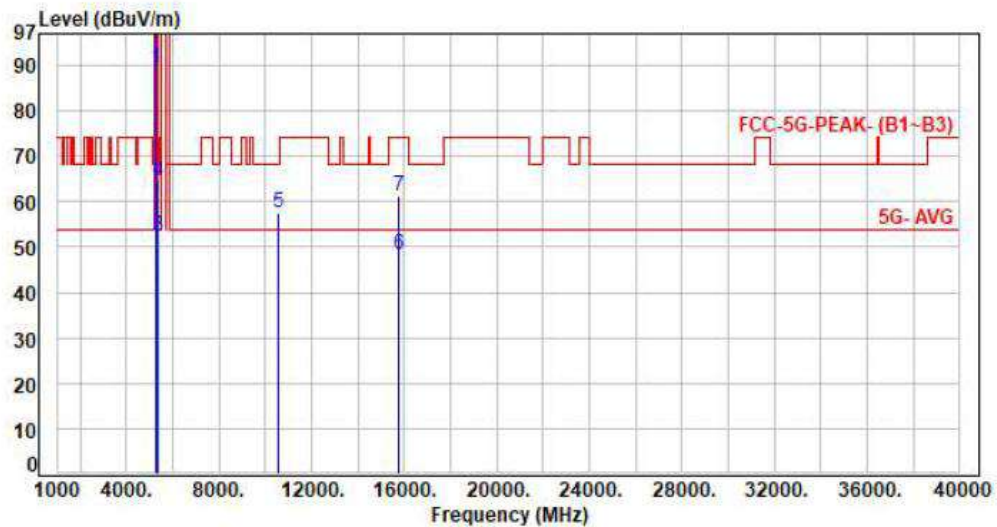
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 2

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	7.50	81.91	89.41	200.00	-110.59	Average	100	287	P
2	5290.00	7.50	93.73	101.23	200.00	-98.77	Peak	100	287	P
3	5350.00	7.67	44.79	52.46	54.00	-1.54	Average	100	287	P
4	5350.00	7.67	56.84	64.51	74.00	-9.49	Peak	100	287	P
5	10580.00	15.66	41.98	57.64	68.20	-10.56	Peak	100	52	P
6	15770.00	19.42	29.01	48.43	54.00	-5.57	Average	100	57	P
7	15770.00	19.42	41.78	61.20	74.00	-12.80	Peak	100	57	P

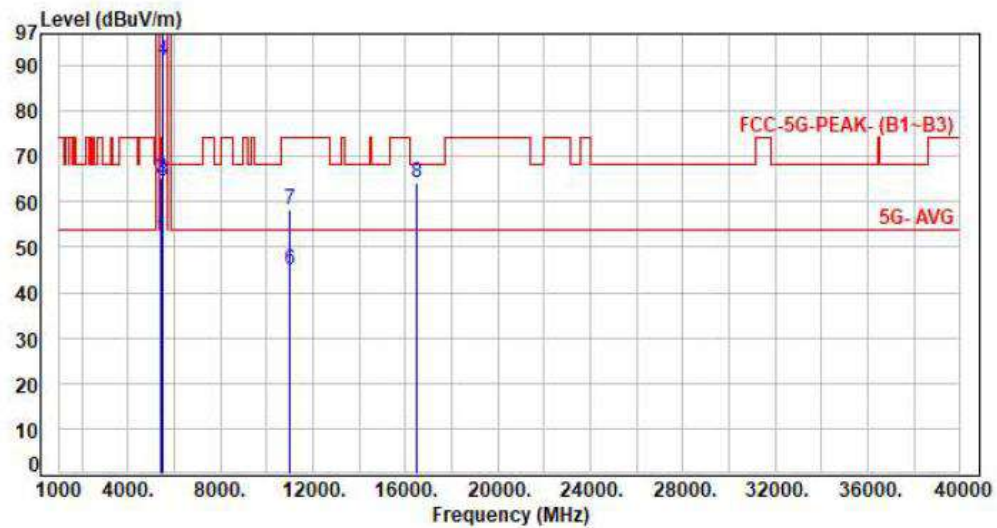
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.26	51.98	54.00	-2.02	Average	118	355	P
2	5460.00	7.72	57.45	65.17	74.00	-8.83	Peak	118	355	P
3	5470.00	7.72	56.72	64.44	68.20	-3.76	Peak	118	355	P
4	5500.00	7.73	83.54	91.27	200.00	-108.73	Average	118	355	P
5	5500.00	7.73	96.89	104.62	200.00	-95.38	Peak	118	355	P
6	11000.00	15.79	29.20	44.99	54.00	-9.01	Average	100	351	P
7	11000.00	15.79	42.51	58.30	74.00	-15.70	Peak	100	351	P
8	16500.00	20.93	43.36	64.29	68.20	-3.91	Peak	100	128	P

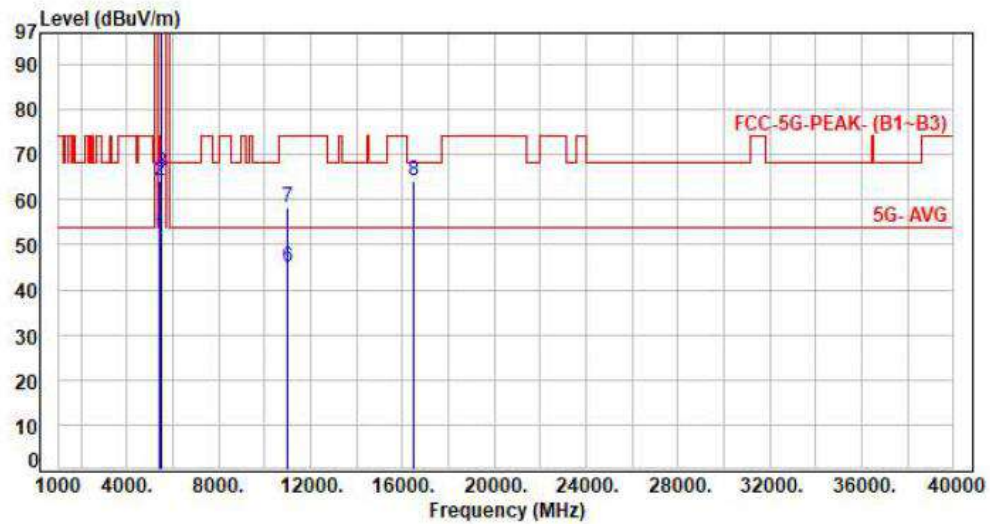
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.25	51.97	54.00	-2.03	Average	100	281	P
2	5460.00	7.72	56.52	64.24	74.00	-9.76	Peak	100	281	P
3	5470.00	7.72	58.19	65.91	68.20	-2.29	Peak	100	281	P
4	5500.00	7.73	89.15	96.88	200.00	-103.12	Average	100	281	P
5	5500.00	7.73	101.77	109.50	200.00	-90.50	Peak	100	281	P
6	11000.00	15.79	29.26	45.05	54.00	-8.95	Average	100	50	P
7	11000.00	15.79	42.63	58.42	74.00	-15.58	Peak	100	50	P
8	16500.00	20.93	43.33	64.26	68.20	-3.94	Peak	100	64	P

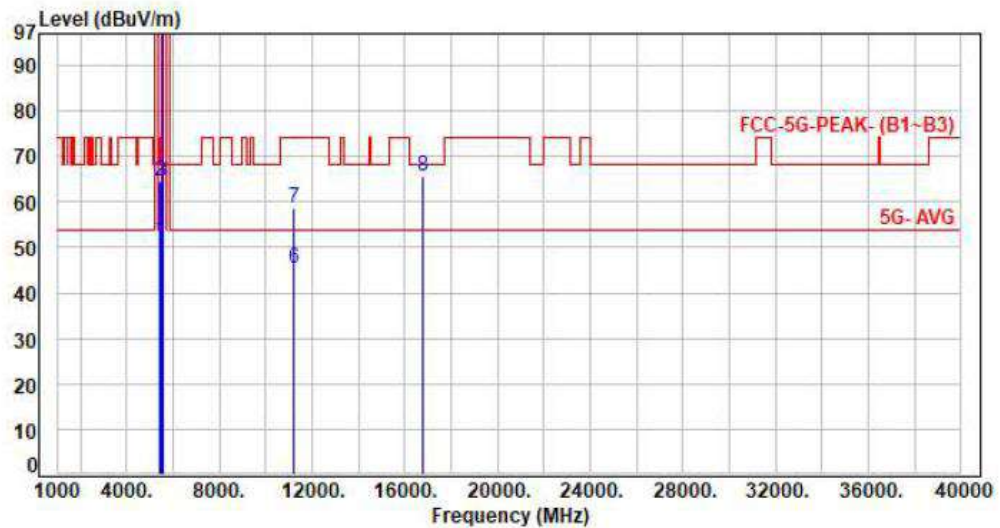
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.08	51.80	54.00	-2.20	Average	100	218	P
2	5460.00	7.72	57.00	64.72	74.00	-9.28	Peak	100	218	P
3	5470.00	7.72	56.88	64.60	68.20	-3.60	Peak	100	218	P
4	5600.00	7.47	89.92	97.39	200.00	-102.61	Average	100	218	P
5	5600.00	7.47	101.63	109.10	200.00	-90.90	Peak	100	218	P
6	11200.00	16.18	29.16	45.34	54.00	-8.66	Average	100	351	P
7	11200.00	16.18	42.51	58.69	74.00	-15.31	Peak	100	351	P
8	16800.00	22.69	42.80	65.49	68.20	-2.71	Peak	100	121	P

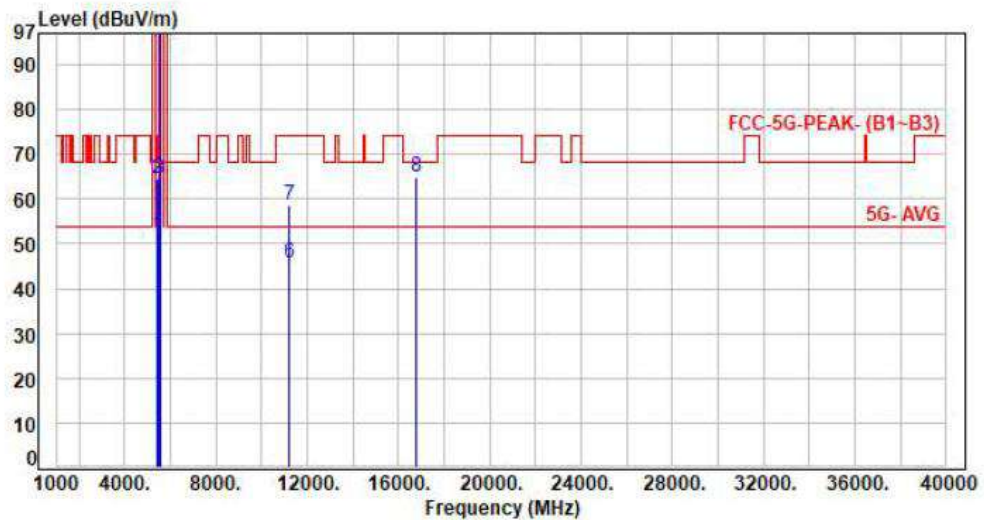
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.31	52.03	54.00	-1.97	Average	106	287	P
2	5460.00	7.72	56.69	64.41	74.00	-9.59	Peak	106	287	P
3	5470.00	7.72	56.73	64.45	68.20	-3.75	Peak	106	287	P
4	5600.00	7.47	94.97	102.44	200.00	-97.56	Average	106	287	P
5	5600.00	7.47	106.57	114.04	200.00	-85.96	Peak	106	287	P
6	11200.00	16.18	29.43	45.61	54.00	-8.39	Average	100	54	P
7	11200.00	16.18	42.52	58.70	74.00	-15.30	Peak	100	54	P
8	16800.00	22.69	42.23	64.92	68.20	-3.28	Peak	100	60	P

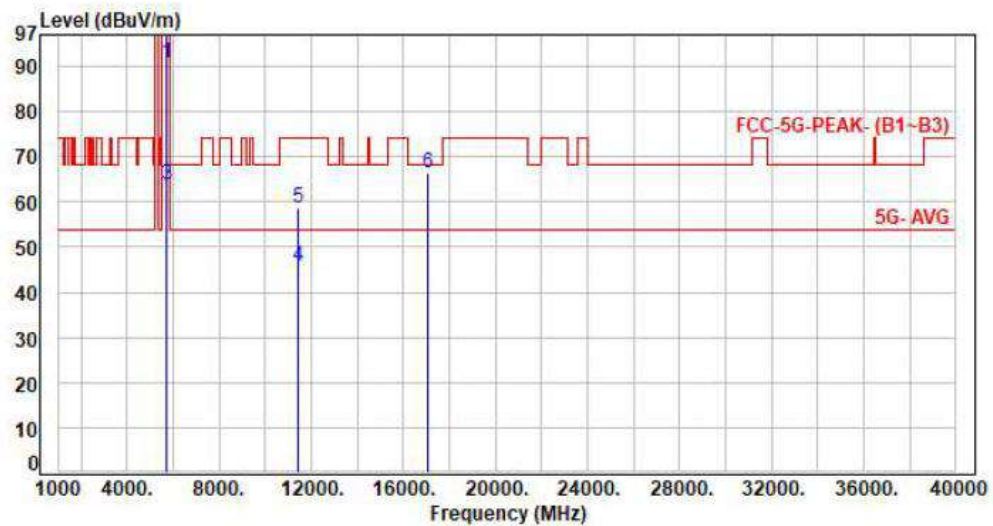
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.41	83.19	90.60	200.00	-109.40	Average	102	317	P
2	5700.00	7.41	95.49	102.90	200.00	-97.10	Peak	102	317	P
3	5725.00	7.39	56.25	63.64	68.20	-4.56	Peak	102	317	P
4	11400.00	16.59	29.24	45.83	54.00	-8.17	Average	100	355	P
5	11400.00	16.59	42.22	58.81	74.00	-15.19	Peak	100	355	P
6	17100.00	23.97	42.60	66.57	68.20	-1.63	Peak	100	121	P

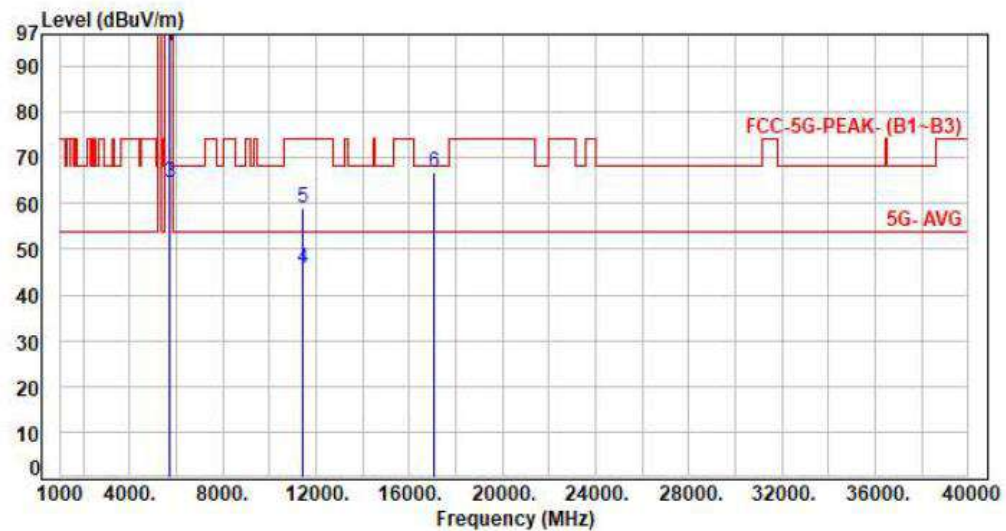
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.41	86.99	94.40	200.00	-105.60	Average	109	310	P
2	5700.00	7.41	99.30	106.71	200.00	-93.29	Peak	109	310	P
3	5725.00	7.39	57.07	64.46	68.20	-3.74	Peak	109	310	P
4	11400.00	16.59	29.25	45.84	54.00	-8.16	Average	100	46	P
5	11400.00	16.59	42.26	58.85	74.00	-15.15	Peak	100	46	P
6	17100.00	23.97	42.79	66.76	68.20	-1.44	Peak	100	64	P

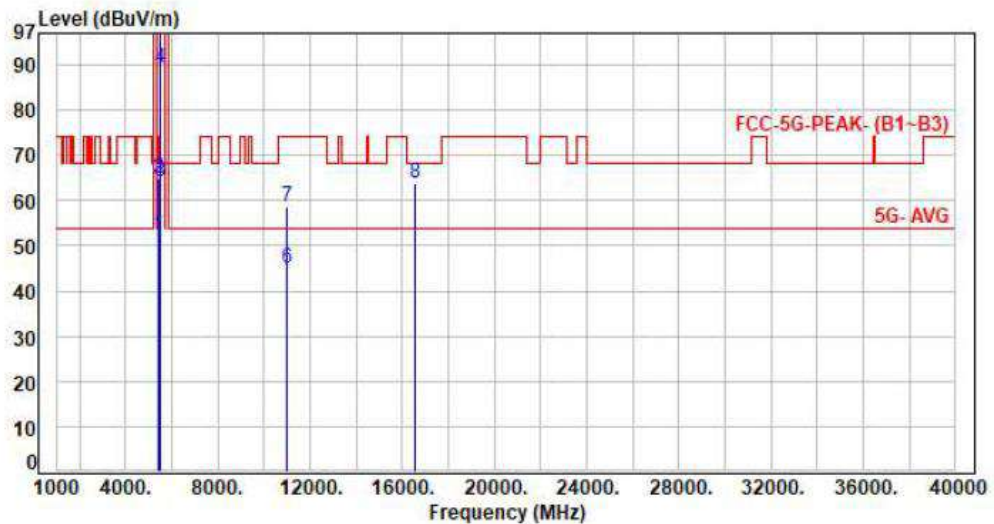
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.47	52.19	54.00	-1.81	Average	278	316	P
2	5460.00	7.72	57.20	64.92	74.00	-9.08	Peak	278	316	P
3	5470.00	7.72	56.50	64.22	68.20	-3.98	Peak	278	316	P
4	5510.00	7.70	81.44	89.14	200.00	-110.86	Average	278	316	P
5	5510.00	7.70	93.08	100.78	200.00	-99.22	Peak	278	316	P
6	11020.00	15.82	29.24	45.06	54.00	-8.94	Average	100	348	P
7	11020.00	15.82	42.97	58.79	74.00	-15.21	Peak	100	348	P
8	16530.00	20.97	42.74	63.71	68.20	-4.49	Peak	100	116	P

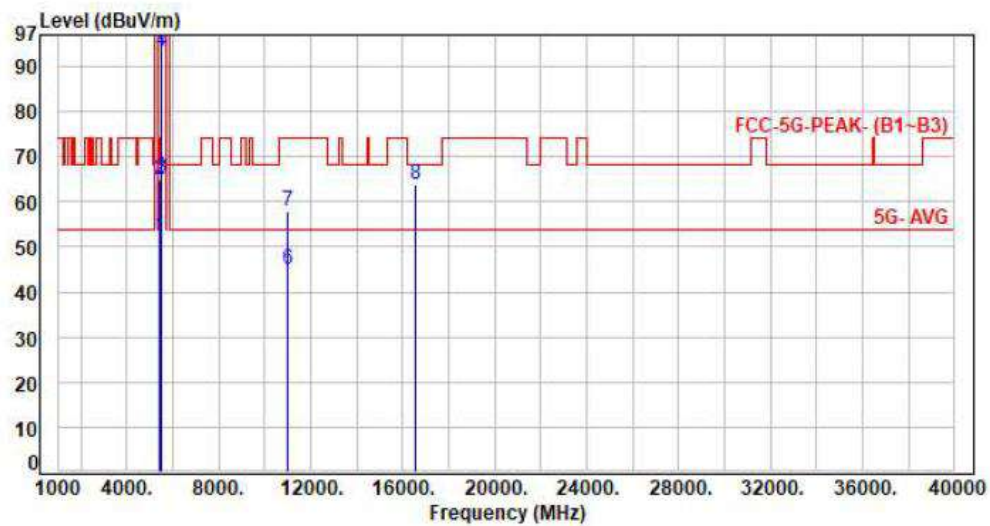
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.67	52.39	54.00	-1.61	Average	100	286	P
2	5460.00	7.72	57.05	64.77	74.00	-9.23	Peak	100	286	P
3	5470.00	7.72	57.46	65.18	68.20	-3.02	Peak	100	286	P
4	5510.00	7.70	85.57	93.27	200.00	-106.73	Average	100	286	P
5	5510.00	7.70	97.67	105.37	200.00	-94.63	Peak	100	286	P
6	11020.00	15.82	29.29	45.11	54.00	-8.89	Average	100	55	P
7	11020.00	15.82	42.14	57.96	74.00	-16.04	Peak	100	55	P
8	16530.00	20.97	42.98	63.95	68.20	-4.25	Peak	100	62	P

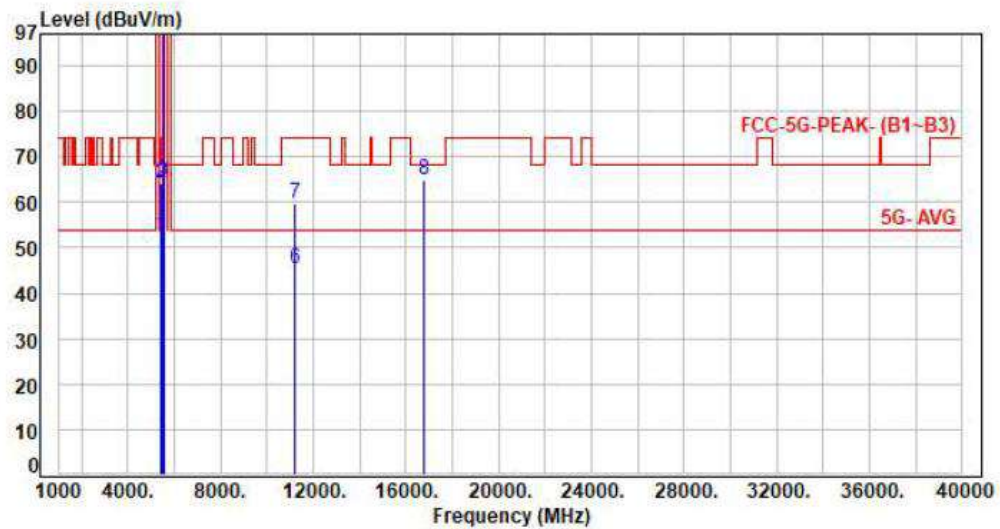
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	45.17	52.89	54.00	-1.11	Average	245	320	P
2	5460.00	7.72	56.45	64.17	74.00	-9.83	Peak	245	320	P
3	5470.00	7.72	56.79	64.51	68.20	-3.69	Peak	245	320	P
4	5590.00	7.49	89.74	97.23	200.00	-102.77	Average	245	320	P
5	5590.00	7.49	101.91	109.40	200.00	-90.60	Peak	245	320	P
6	11180.00	16.11	29.34	45.45	54.00	-8.55	Average	100	354	P
7	11180.00	16.11	43.48	59.59	74.00	-14.41	Peak	100	354	P
8	16770.00	22.45	42.53	64.98	68.20	-3.22	Peak	100	122	P

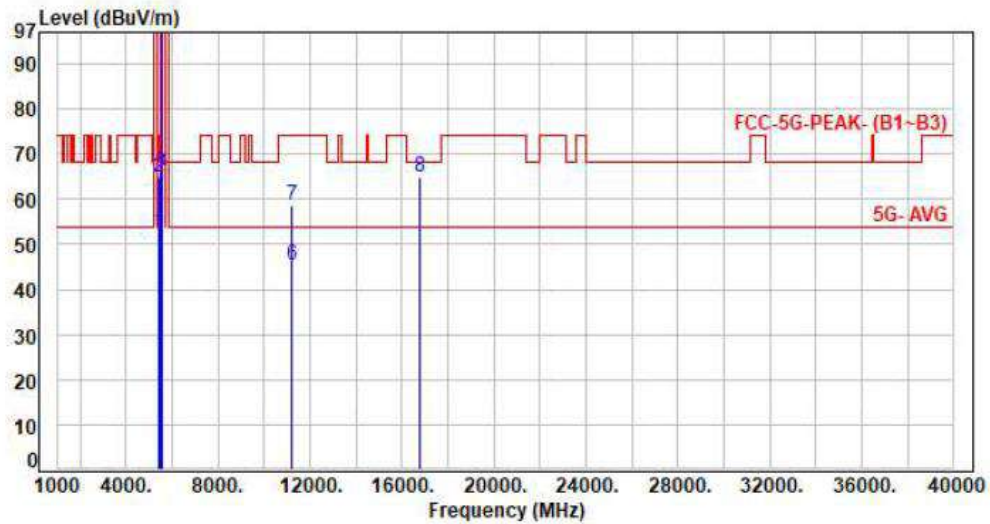
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	44.91	52.63	54.00	-1.37	Average	100	288	P
2	5460.00	7.72	57.37	65.09	74.00	-8.91	Peak	100	288	P
3	5470.00	7.72	58.40	66.12	68.20	-2.08	Peak	100	288	P
4	5590.00	7.49	92.50	99.99	200.00	-100.01	Average	100	288	P
5	5590.00	7.49	104.18	111.67	200.00	-88.33	Peak	100	288	P
6	11180.00	16.11	29.24	45.35	54.00	-8.65	Average	100	48	P
7	11180.00	16.11	42.44	58.55	74.00	-15.45	Peak	100	48	P
8	16770.00	22.45	42.32	64.77	68.20	-3.43	Peak	100	57	P

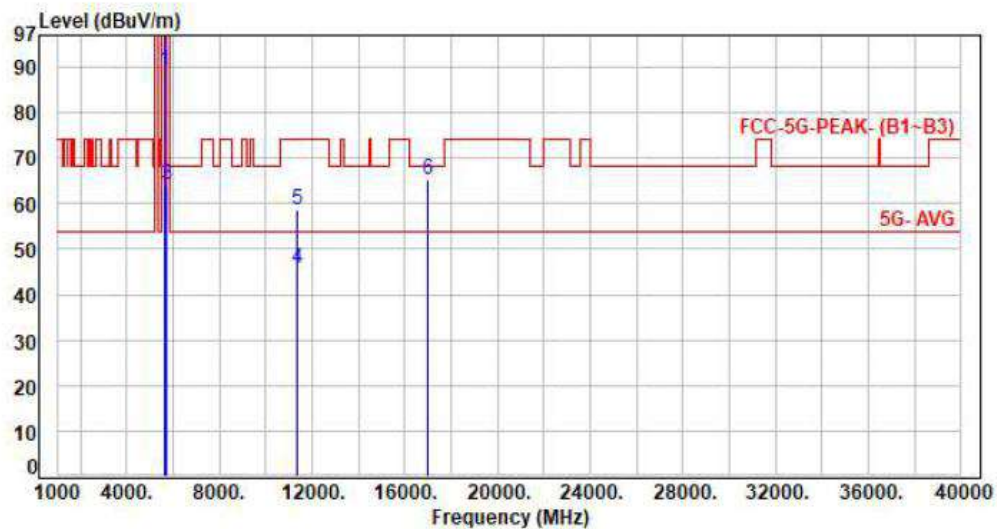
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	81.78	89.26	200.00	-110.74	Average	149	317	P
2	5670.00	7.48	93.83	101.31	200.00	-98.69	Peak	149	317	P
3	5725.00	7.39	56.77	64.16	68.20	-4.04	Peak	149	317	P
4	11340.00	16.42	29.27	45.69	54.00	-8.31	Average	100	360	P
5	11340.00	16.42	42.08	58.50	74.00	-15.50	Peak	100	360	P
6	17010.00	23.73	41.69	65.42	68.20	-2.78	Peak	100	125	P

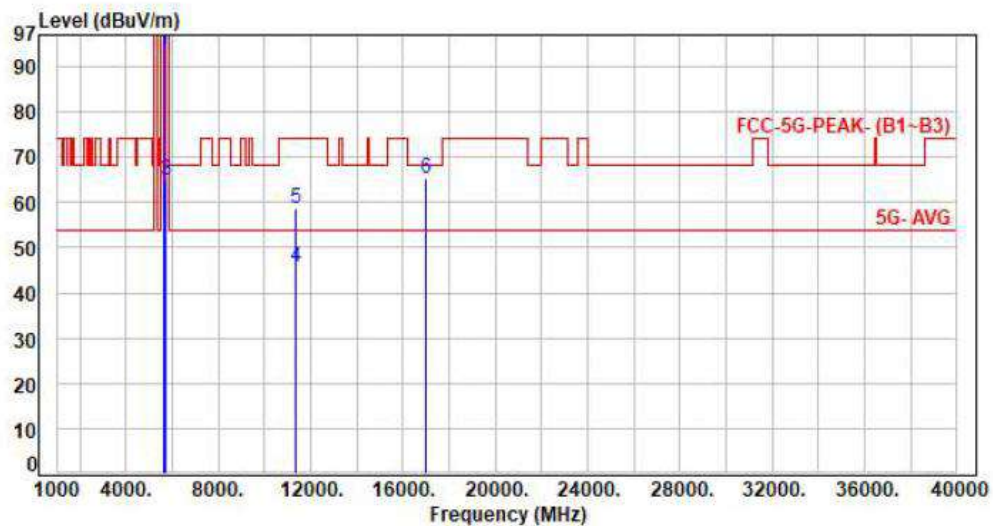
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	86.36	93.84	200.00	-106.16	Average	100	285	P
2	5670.00	7.48	98.17	105.65	200.00	-94.35	Peak	100	285	P
3	5725.00	7.39	57.51	64.90	68.20	-3.30	Peak	100	285	P
4	11340.00	16.42	29.26	45.68	54.00	-8.32	Average	100	50	P
5	11340.00	16.42	42.33	58.75	74.00	-15.25	Peak	100	50	P
6	17010.00	23.73	41.45	65.18	68.20	-3.02	Peak	100	63	P

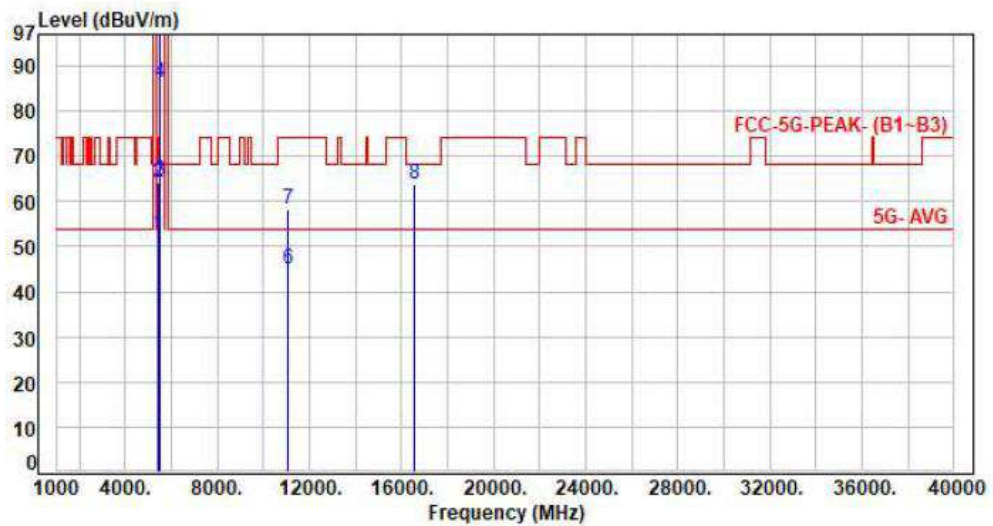
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

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	7.72	45.16	52.88	54.00	-1.12	Average	130	322	P
2	5460.00	7.72	56.60	64.32	74.00	-9.68	Peak	130	322	P
3	5470.00	7.72	56.82	64.54	68.20	-3.66	Peak	130	322	P
4	5530.00	7.65	78.83	86.48	200.00	-113.52	Average	130	322	P
5	5530.00	7.65	90.02	97.67	200.00	-102.33	Peak	130	322	P
6	11060.00	15.92	29.20	45.12	54.00	-8.88	Average	100	352	P
7	11060.00	15.92	42.41	58.33	74.00	-15.67	Peak	100	352	P
8	16590.00	21.06	42.80	63.86	68.20	-4.34	Peak	100	119	P

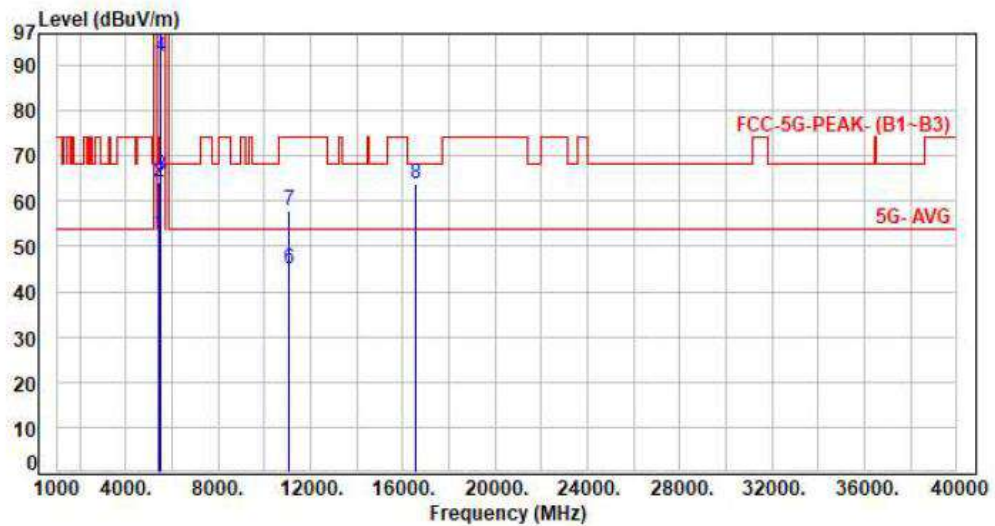
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 2TX 11ax80 CH106 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	7.72	45.02	52.74	54.00	-1.26	Average	100	282	P
2	5460.00	7.72	56.45	64.17	74.00	-9.83	Peak	100	282	P
3	5470.00	7.72	57.97	65.69	68.20	-2.51	Peak	100	282	P
4	5530.00	7.65	84.01	91.66	200.00	-108.34	Average	100	282	P
5	5530.00	7.65	95.71	103.36	200.00	-96.64	Peak	100	282	P
6	11060.00	15.92	29.22	45.14	54.00	-8.86	Average	100	51	P
7	11060.00	15.92	42.12	58.04	74.00	-15.96	Peak	100	51	P
8	16590.00	21.06	42.61	63.67	68.20	-4.53	Peak	100	54	P

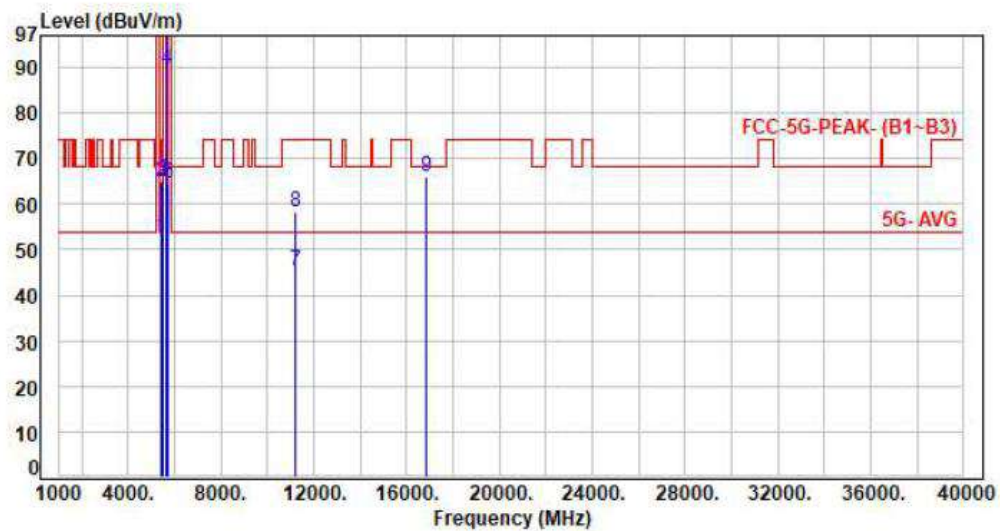
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor

**Test Mode** Mode 1, Band 3

Test Mode : 2TX 11ax80 CH122 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	7.72	44.98	52.70	54.00	-1.30	Average	243	319	P
2	5460.00	7.72	57.04	64.76	74.00	-9.24	Peak	243	319	P
3	5470.00	7.72	57.38	65.10	68.20	-3.10	Peak	243	319	P
4	5610.00	7.48	82.13	89.61	200.00	-110.39	Average	243	319	P
5	5610.00	7.48	92.29	99.77	200.00	-100.23	Peak	243	319	P
6	5725.00	7.39	57.21	64.60	68.20	-3.60	Peak	243	319	P
7	11220.00	16.19	29.14	45.33	54.00	-8.67	Average	100	358	P
8	11220.00	16.19	42.23	58.42	74.00	-15.58	Peak	100	358	P
9	16830.00	22.77	43.21	65.98	68.20	-2.22	Peak	100	116	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor