



FCC RADIO TEST REPORT

Applicant : COMTREND CORPORATION

Address : 3F-1, 10 Lane 609, Chongxin Rd., Section 5,
Sanchong Dist, New Taipei City 241405, Taiwan

Equipment : Home Gateway

Model No. : PBL-6201v2 、 NL-3131u 、 PRT-6302v2 、 WR-2410u

Trade Name : **COMTREND**

FCC ID : L9VPBL6201V2

I HEREBY CERTIFY THAT :

The sample was received on Sep. 30, 2022 and the testing was completed on Apr. 26, 2023 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
22090101-TRFCC04	Jul. 12, 2023	Original



1. Summary of Test Procedure and Test Results

1.1 Applicable Standards

ANSI C63.10:2013

FCC Rules and Regulations Part 15 Subpart C §15.247

FCC Rule	Description of Test	Result
15.203	. Antenna Requirement	PASS
15.207	. AC Power Line Conducted Emission	PASS
15.209 15.205	. Radiated Spurious Emission	PASS
15.247(d)	. Conducted Spurious Emission	PASS
15.247(a)(2)	. 6dB Bandwidth	PASS
15.247(b)	. Output Power	PASS
15.247(e)	. 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	802.11b/g/n/(Turbo QAM)/ax: 2400-2483.5MHz 802.11a/n/ac/ax: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5850MHz
Center Frequency Range	802.11b/g/n/(Turbo QAM)/ax: 2412MHz~2462MHz 802.11a/n/ac/ax: 5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz
Modulation Type	WLAN: 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
Modulation Technology	DSSS, OFDM, OFDMA
Data Rate	WLAN: 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – 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 – MCS31, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80/160 802.11ax: MCS0 – MCS11, HE20/40/80/160
Antenna Type	Copper tube Antenna
Antenna Gain	2400-2483.5MHz: ANT A: 3.72dBi, ANT B: 3.54dBi, ANT C: 3.74dBi, ANT D: 3.14dBi 5150-5250MHz: ANT A: 3.45dBi, ANT B: 3.13dBi, ANT C: 2.22dBi, ANT D: 1.44dBi 5250-5350MHz: ANT A: 4.59dBi, ANT B: 4.47dBi, ANT C: 2.20dBi, ANT D: 1.98dBi 5470-5725MHz: ANT A: 5.18dBi, ANT B: 6.46dBi, ANT C: 2.81dBi, ANT D: 3.15dBi 5725-5850MHz: ANT A: 5.68dBi, ANT B: 6.34dBi, ANT C: 2.36dBi, ANT D: 3.33dBi
Adapter	Brand: Amigo, Model: AMS241-1203000FU Spec.: Input: 100-240V~ 50/60Hz 1.2A Output: 12V / 3.0A

Note:

1. EUT support TPC Function.
2. WLAN 2.4G and WLAN 5G can simultaneously transmission.
3. EUT support Master Mode.
4. WLAN 2.4G Turbo QAM / 802.11ax & 5GHz 802.11ac / 11ax support beamforming Function.
5. For more details, please refer to the User's manual of the EUT.



Difference description:

Model	XDSL	Remark
PBL-6201v2	Yes	Market Segmentation.
NL-3131u		
PRT-6302v2	No	Market Segmentation.
WR-2410u		

Note:After engineering evaluation, PBL-6201v2 are worst case , hence are used at test report.

2.2 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n HT20, VHT20,802.11ax HE20 (2412MHz-2462MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
*01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	*11	2462
*06	2437	---	---

802.11n HT40, VHT40, 802.11ax HE40 (2422MHz-2452MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
*03	2422	*09	2452
04	2427	---	---
05	2432	---	---
*06	2437	---	---

Note: Channels remarked * are selected to perform test.



2.3 Test Mode and Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- b. The complete test system included remote workstation and EUT for RF test. The remote workstation included Notebook.
- c. An executive program, " AccessMTool ver. 3,1,0,1" under Windows OS system was executed to transmit and receive data via WLAN. (Non BeamForming)
- d. An executive program, " wl command" under Windows OS system was executed to transmit and receive data via WLAN. (BeamForming)
- e. The following test modes is PBL-6201v2 were performed for the test:

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11b (1Mbps) , Power from Adapter, Non BeamForming
2	802.11g (6Mbps) , Power from Adapter ,Non BeamForming
3	802.11ax HE20 (7.3Mbps) , Power from Adapter ,Non BeamForming
4	802.11ax HE40 (14.6Mbps) , Power from Adapter ,Non BeamForming
5	802.11ax HE20 (7.3Mbps) , Power from Adapter , BeamForming
6	802.11ax HE40 (14.6Mbps) , Power from Adapter , BeamForming
caused "Test Mode 2,5" generated the worst case, it was reported as the final data.	
Radiation Emissions (BELOW 1GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps) , Power from Adapter, Non BeamForming
2	802.11g (6Mbps) , Power from Adapter ,Non BeamForming
3	802.11ax HE20 (7.3Mbps) , Power from Adapter ,Non BeamForming
4	802.11ax HE40 (14.6Mbps) , Power from Adapter ,Non BeamForming
5	802.11ax HE20 (7.3Mbps) , Power from Adapter , BeamForming
6	802.11ax HE40 (14.6Mbps) , Power from Adapter , BeamForming
caused "Test Mode 2,5" generated the worst case, they were reported as the final data.	
Radiation Emissions (1GHz ~ 25GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps) , Power from Adapter, Non BeamForming
2	802.11g (6Mbps) , Power from Adapter ,Non BeamForming
3	802.11ax HE20 (7.3Mbps) , Power from Adapter ,Non BeamForming
4	802.11ax HE40 (14.6Mbps) , Power from Adapter ,Non BeamForming
5	802.11ax HE20 (7.3Mbps) , Power from Adapter , BeamForming
6	802.11ax HE40 (14.6Mbps) , Power from Adapter , BeamForming
caused "Test Mode 1~6" generated the worst case, they were reported as the final data.	

- Note:1.The EUT has two types (with XDSL and non XDSL), After engineering evaluation, XDSL are worst case, hence, are 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 & Radiation Emissions(BELOW 1GHz), AC 240V / 60Hz is worst case.
 For Radiated Spurious Emission(1GHz ~ 25GHz), AC 120V / 60Hz is worst case.



The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11b	4TX
802.11g	4TX
802.11n HT20	4TX
802.11n HT40	4TX
802.11n HT20(TurboQAM)	4TX
802.11n HT40(TurboQAM)	4TX
802.11ax HE20	4TX
802.11ax HE40	4TX



2.4 Description of Test System

Non BeamForming

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	15m / NS	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	ASUS	P2430U	N/A	Adapter / 1.8m / NS
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A

BeamForming

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable * 2	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable * 2	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
Notebook	Lenovo	S1GL2W	N/A	Adapter / 1.8m / NS
RJ45 Cable * 2	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A

**2.5 General Information of Test**

Test Site	CerpPASS Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel:+886-3-3226-888 Fax:+886-3-3226-881	
	FCC	TW1439, TW1079
	IC	4934E-1, 4934E-2
	VCCI	T-2205 for Telecommunication test C-4663 for Conducted emission test R-4218 for Radiated emission test G-10812, G-10813 for radiated disturbance above 1GHz
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 25,000MHz	
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.	

Non BeamForming

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2022/10/25~2023/01/04	24~25.9°C / 48~62%	Leon Huang
		2023/02/02~2023/02/10	22.3~25.5°C / 53~56%	Leon Huang
Radiated Emissions	3M02-NK	2022/10/20~2022/10/28	20~24°C / 35~48%	Leon Huang
		2023/04/26	21°C / 44%	Leon Huang
AC Power Line Conducted Emission	CON01-NK	2023/04/25	25°C / 55%	Leon Huang

BeamForming

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON02-NK	2022/12/23~2022/12/30	21.5~25.2°C / 44~52%	Leon Huang
Radiated Emissions	3M02-NK	2022/11/30~2022/12/02	21~24°C / 44~52%	Leon Huang
AC Power Line Conducted Emission	CON01-NK	2023/04/25	25°C / 55%	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)	±3.28dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.7dB
Radiated Spurious Emission(1GHz~25GHz)	±6.8dB
Conducted Spurious Emission	±1.8dB
6dB Bandwidth	±4.4%
20dB Bandwidth	±4.4%
Occupied Bandwidth	±4.4%
Peak Output Power(Conducted Power Meter)	±1.1dB
Dwell Time / Deactivation Time	±1.2%
Power Spectral Density	±1.8dB
Duty Cycle	±1.2%



3. Test Equipment and Ancillaries Used for Tests

Non BeamForming

Test Item	Radiated Emissions(2022/10/20~2022/10/28)				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	275	2021/11/05	2022/11/04
Active Loop Antenna	EMCO	6507	40855	2022/05/25	2023/05/24
Double Ridged Guide Horn Antenna	RF SPAN	DRH18-E	210309A18-ES	2022/08/24	2023/08/23
Horn Antenna	EMCO	3116	31970	2022/03/18	2023/03/17
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2022/07/05	2023/07/04
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	101329	2022/07/20	2023/07/19
Preamplifier	Agilent	8449B	3008A01954	2022/03/17	2023/03/16
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2021/11/16	2022/11/15
Preamplifier	EM Electronics corp.	EM330	60660	2022/04/08	2023/04/07
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2022/09/06	2023/09/05
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2022/03/21	2023/03/20
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2022/4/9	2023/4/8
Cable-3m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	MY2608/2	2022/4/9	2023/4/8
Cable-0.5m(1G-40G)	Rapidtek	40GHZ 50CM	38MS-38MS50314	2022/4/9	2023/4/8
Cable-3m(1G-40G)	Rapidtek	40GHZ 300CM	38MS-38MS300314	2022/4/9	2023/4/8
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2022/01/11	2023/01/10
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2022/01/11	2023/01/10
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2022/04/25	2023/04/24
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA



Test Item	Radiated Emissions(2023/04/26)				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	275	2022/11/18	2023/11/17
Active Loop Antenna	EMCO	6507	40855	2022/05/25	2023/05/24
Double Ridged Guide Horn Antenna	RF SPAN	DRH18-E	210309A18-ES	2022/08/24	2023/08/23
Horn Antenna	EMCO	3116	31974	2022/10/06	2023/10/05
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2022/07/05	2023/07/04
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2022/08/19	2023/08/18
Preamplifier	Agilent	8449B	3008A01954	2023/03/08	2024/03/07
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2022/11/11	2023/11/10
Preamplifier	EM Electronics corp.	EM330	60658	2022/10/04	2023/10/03
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2022/09/06	2023/09/05
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2023/02/25	2024/02/24
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2022/07/27	2023/07/26
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2023/03/07	2024/03/06
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2023/03/07	2024/03/06
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2023/03/07	2024/03/06
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2023/03/07	2024/03/06
Cable-3m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	MY2608/2	2023/03/07	2024/03/06
Cable-0.5m(1G-40G)	Rapidtek	40GHZ 50CM	38MS-38MS50314	2023/03/07	2024/03/06
Cable-3m(1G-40G)	Rapidtek	40GHZ 300CM	38MS-38MS300314	2023/03/07	2024/03/06
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA

Test Item	RF Conducted(2022/10/25~2023/01/04)				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Attenuator	KEYSIGHT	8491B	MY39250703	2022/04/12	2023/04/11
Power Meter	Anritsu	ML2495A	1224005	2022/04/12	2023/04/11
Power Sensor	Anritsu	MA2411B	1207295	2022/04/12	2023/04/11

Test Item	RF Conducted(2023/02/02~2023/02/10)				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/11/29	2023/11/28
Attenuator	KEYSIGHT	8491B	MY39250703	2022/04/12	2023/04/11
Power Meter	Anritsu	ML2495A	1224005	2022/04/12	2023/04/11
Power Sensor	Anritsu	MA2411B	1207295	2022/04/12	2023/04/11



Test Item	AC Power Line Conducted Emission				
Test Site	CON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2022/08/22	2023/08/21
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-740	2022/08/21	2023/08/20
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101933	2022/09/29	2023/09/28
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2022/09/06	2023/09/05
E3	AUDIX	v8.2014-8-6	RK-000531	NA	NA

BeamForming

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	275	2022/11/18	2023/11/17
Active Loop Antenna	EMCO	6507	40855	2022/05/25	2023/05/24
Horn Antenna	EMCO	3115	31589	2022/04/26	2023/04/25
Horn Antenna	EMCO	3116	31970	2022/03/18	2023/03/17
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2022/07/05	2023/07/04
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	101329	2022/07/20	2023/07/19
Preamplifier	Agilent	8449B	3008A01954	2022/03/17	2023/03/16
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2022/11/11	2023/11/10
Preamplifier	EM Electronics corp.	EM330	60660	2022/04/08	2023/04/07
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2022/09/06	2023/09/05
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2022/03/21	2023/03/20
Cable-0.5m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	28420/2	2022/4/9	2023/4/8
Cable-3m(30M-40G)	HUBER SUHNER	SUCOFLEX 102	MY2608/2	2022/4/9	2023/4/8
Cable-0.5m(1G-40G)	Rapidtek	40GHZ 50CM	38MS-38MS50314	2022/4/9	2023/4/8
Cable-3m(1G-40G)	Rapidtek	40GHZ 300CM	38MS-38MS300314	2022/4/9	2023/4/8
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2022/01/11	2023/01/10
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2022/01/11	2023/01/10
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2022/04/25	2023/04/24
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA

Test Item	RF Conducted				
Test Site	RFCON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
CAX Signal Analyzer	KEYSIGHT	N9000B	MY57100339	2022/01/10	2023/01/09
Attenuator	KEYSIGHT	8491B	MY39250703	2022/04/12	2023/04/11
Power Meter	Anritsu	ML2495A	1224005	2022/04/12	2023/04/11
Power Sensor	Anritsu	MA2411B	1207295	2022/04/12	2023/04/11



Test Item	AC Power Line Conducted Emission				
Test Site	CON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101200	2022/08/22	2023/08/21
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	8127-740	2022/08/21	2023/08/20
Pulse Limiter	ROHDE & SCHWARZ	ESH3-Z2	101933	2022/09/29	2023/09/28
Cable-6m(9k~300M)	NA	EMC5D-BM-BM-6	130605	2022/09/06	2023/09/05
E3	AUDIX	v8.2014-8-6	RK-000531	NA	NA



4. Antenna Requirements

4.1 Standard Applicable

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

And according to FCC 47 CFR Section 15.247 (b), 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	Copper tube Antenna
Antenna Gain	ANT A: 3.72dBi, ANT B: 3.54dBi, ANT C: 3.74dBi, ANT D: 3.14dBi

(Non-Beamforming)

For Power directional gain= 3.74 (dBi)

For PSD directional gain = 5.13 (dBi)

* Power and PSD directional gain refer to PAG Gain Report.

(Beamforming)

For Power directional gain= 5.13 (dBi)

For PSD directional gain = 5.13 (dBi)

* Power and PSD directional gain refer to PAG Gain Report.



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

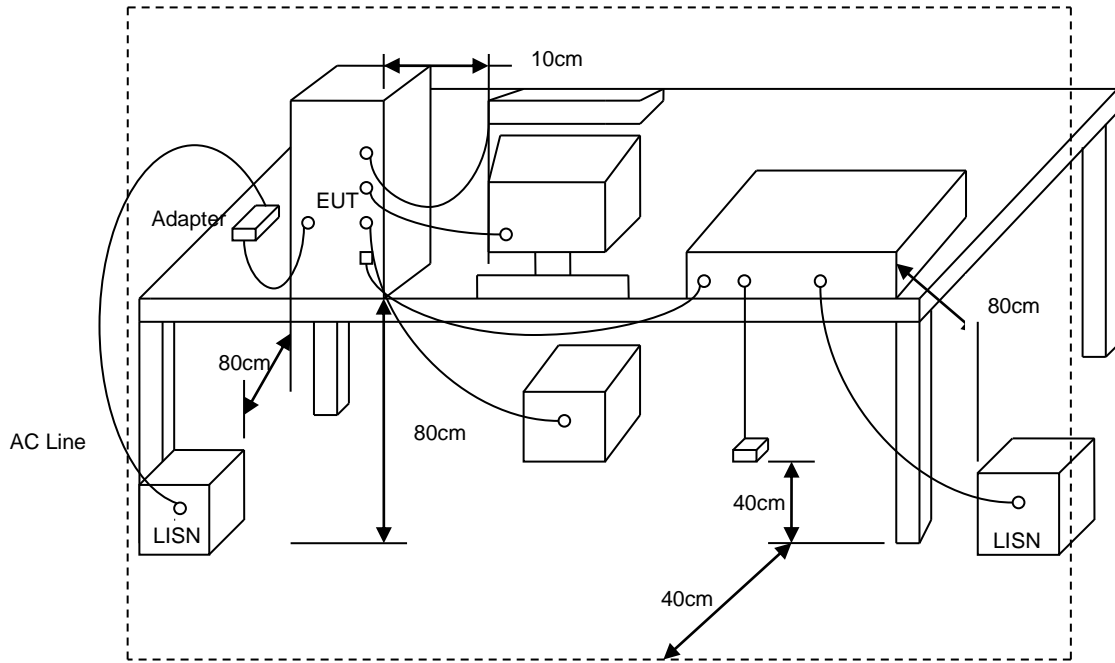
*Decreases with the logarithm of the frequency.

5.2 Test Procedures

- a. 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.
- b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- c. All the support units are connecting to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.



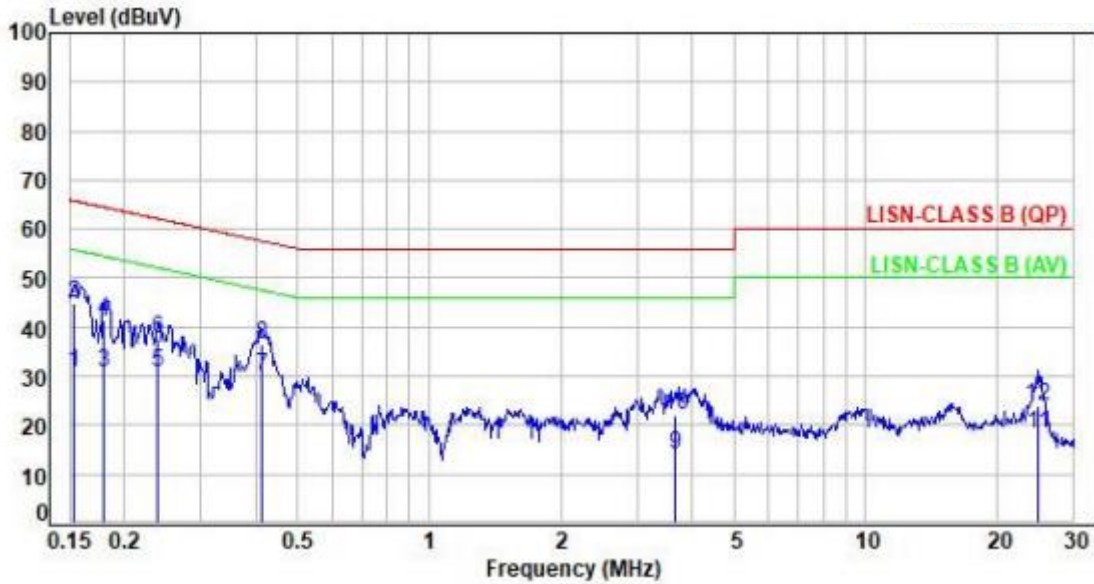
5.3 Typical Test Setup





5.4 Test Result and Data

Power	: AC 240V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 2		

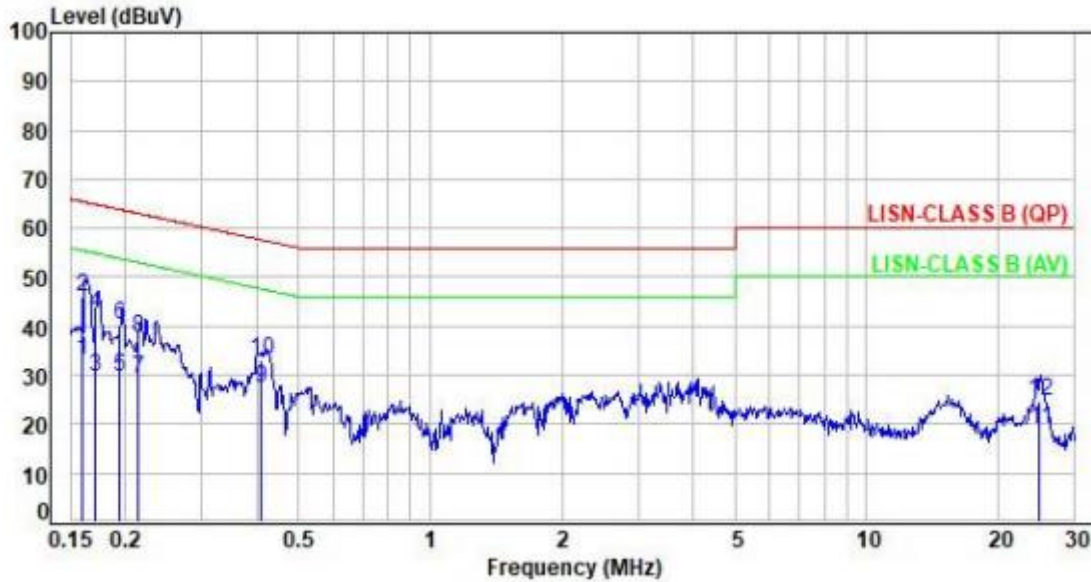


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.15	9.94	20.93	30.87	55.83	-24.96	Average	P
2	0.15	9.94	34.91	44.85	65.83	-20.98	QP	P
3	0.18	9.94	20.82	30.76	54.53	-23.77	Average	P
4	0.18	9.94	31.66	41.60	64.53	-22.93	QP	P
5	0.24	9.94	20.67	30.61	52.12	-21.51	Average	P
6	0.24	9.94	27.80	37.74	62.12	-24.38	QP	P
7	0.42	9.96	19.92	29.88	47.54	-17.66	Average	P
8	0.42	9.96	26.61	36.57	57.54	-20.97	QP	P
9	3.67	10.13	4.10	14.23	46.00	-31.77	Average	P
10	3.67	10.13	11.98	22.11	56.00	-33.89	QP	P
11	24.72	10.62	7.65	18.27	50.00	-31.73	Average	P
12	24.72	10.62	13.52	24.14	60.00	-35.86	QP	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: NEUTRAL
Test Mode	: Mode 2		

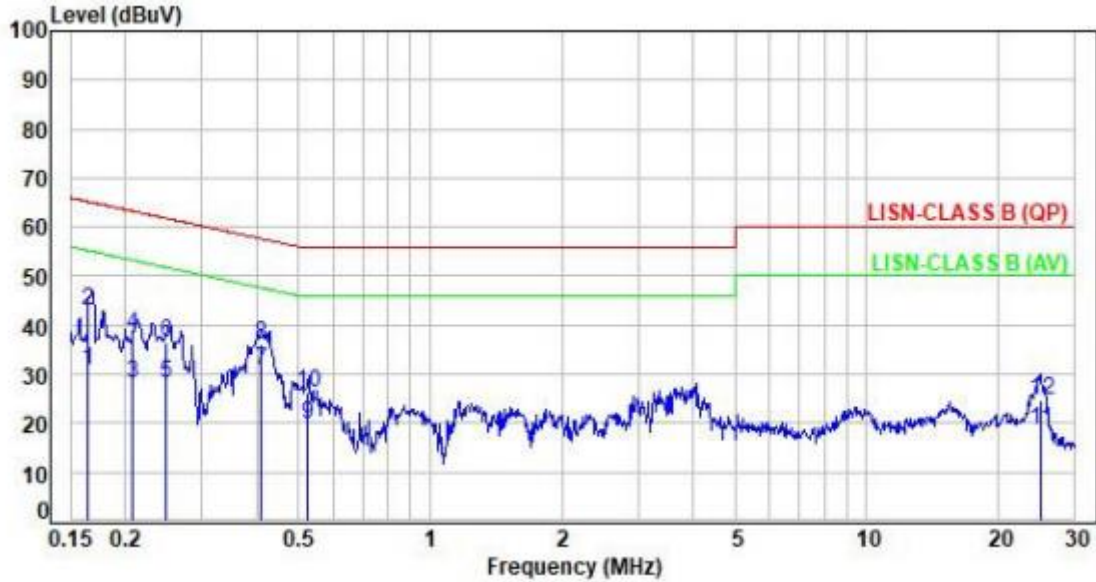


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.95	23.25	33.20	55.49	-22.29	Average	P
2	0.16	9.95	36.08	46.03	65.49	-19.46	QP	P
3	0.17	9.95	19.88	29.83	54.92	-25.09	Average	P
4	0.17	9.95	32.45	42.40	64.92	-22.52	QP	P
5	0.19	9.95	19.60	29.55	53.84	-24.29	Average	P
6	0.19	9.95	30.20	40.15	63.84	-23.69	QP	P
7	0.21	9.95	19.35	29.30	53.06	-23.76	Average	P
8	0.21	9.95	27.88	37.83	63.06	-25.23	QP	P
9	0.41	9.96	17.46	27.42	47.64	-20.22	Average	P
10	0.41	9.96	23.06	33.02	57.64	-24.62	QP	P
11	24.91	10.61	8.26	18.87	50.00	-31.13	Average	P
12	24.91	10.61	14.17	24.78	60.00	-35.22	QP	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: LINE
Test Mode	: Mode 5		:

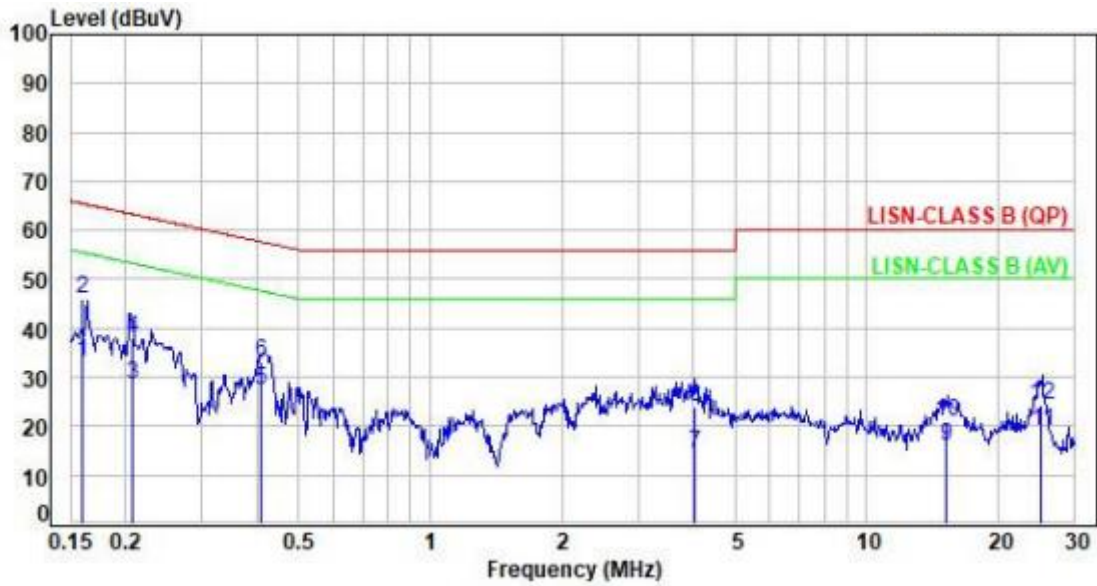


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.94	20.68	30.62	55.22	-24.60	Average	P
2	0.16	9.94	32.99	42.93	65.22	-22.29	QP	P
3	0.21	9.94	18.25	28.19	53.25	-25.06	Average	P
4	0.21	9.94	28.00	37.94	63.25	-25.31	QP	P
5	0.25	9.94	18.13	28.07	51.78	-23.71	Average	P
6	0.25	9.94	26.45	36.39	61.78	-25.39	QP	P
7	0.41	9.96	20.83	30.79	47.63	-16.84	Average	P
8	0.41	9.96	26.24	36.20	57.63	-21.43	QP	P
9	0.52	9.96	9.81	19.77	46.00	-26.23	Average	P
10	0.52	9.96	16.10	26.06	56.00	-29.94	QP	P
11	25.08	10.62	8.16	18.78	50.00	-31.22	Average	P
12	25.08	10.62	13.93	24.55	60.00	-35.45	QP	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: NEUTRAL
Test Mode	: Mode 5		



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.16	9.95	23.32	33.27	55.48	-22.21	Average	P
2	0.16	9.95	35.98	45.93	65.48	-19.55	QP	P
3	0.21	9.95	18.48	28.43	53.33	-24.90	Average	P
4	0.21	9.95	28.22	38.17	63.33	-25.16	QP	P
5	0.41	9.96	17.55	27.51	47.64	-20.13	Average	P
6	0.41	9.96	23.28	33.24	57.64	-24.40	QP	P
7	4.04	10.14	4.45	14.59	46.00	-31.41	Average	P
8	4.04	10.14	13.91	24.05	56.00	-31.95	QP	P
9	15.22	10.43	5.72	16.15	50.00	-33.85	Average	P
10	15.22	10.43	10.59	21.02	60.00	-38.98	QP	P
11	25.14	10.62	8.29	18.91	50.00	-31.09	Average	P
12	25.14	10.62	13.89	24.51	60.00	-35.49	QP	P

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



6. Test of Radiated Spurious Emission

6.1 Test Limit

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. If the transmitter measurement is based on the maximum conducted output power, the attenuation required under this paragraph shall be 30dB instead of 20dB. In addition, radiated emissions which fall in section 15.205(a) the restricted bands must also comply with the radiated emission limit specified in section 15.209(a).

Frequency (MHz)	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009 ~ 0.490	2400/F(kHz)	300
0.490 ~ 1.705	24000/F(kHz)	30
1.705 ~ 30.0	30	30
30 ~ 88	100	3
88 ~ 216	150	3
216 ~ 960	200	3
Above 960	500	3



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.

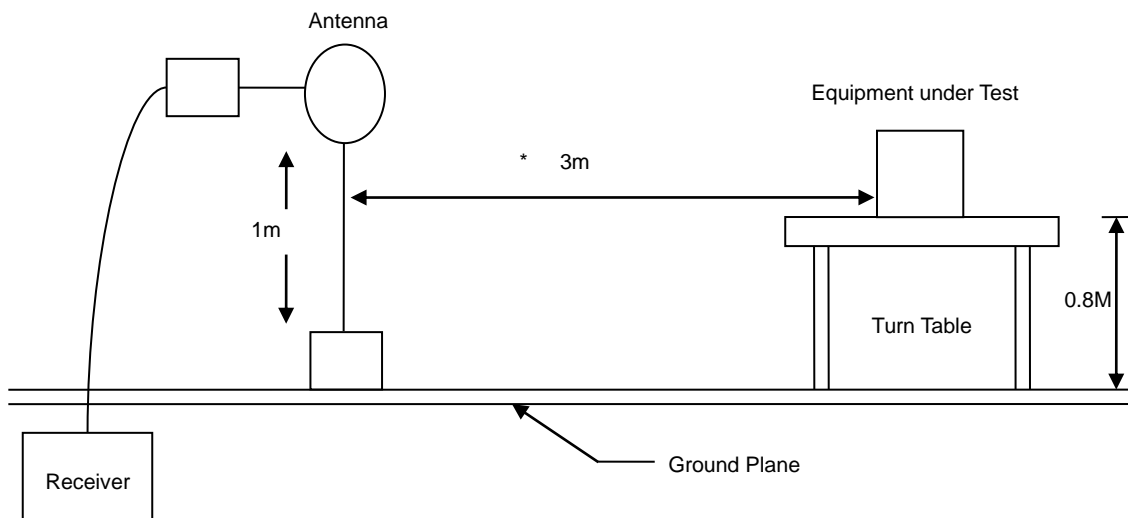
Note:

- 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.

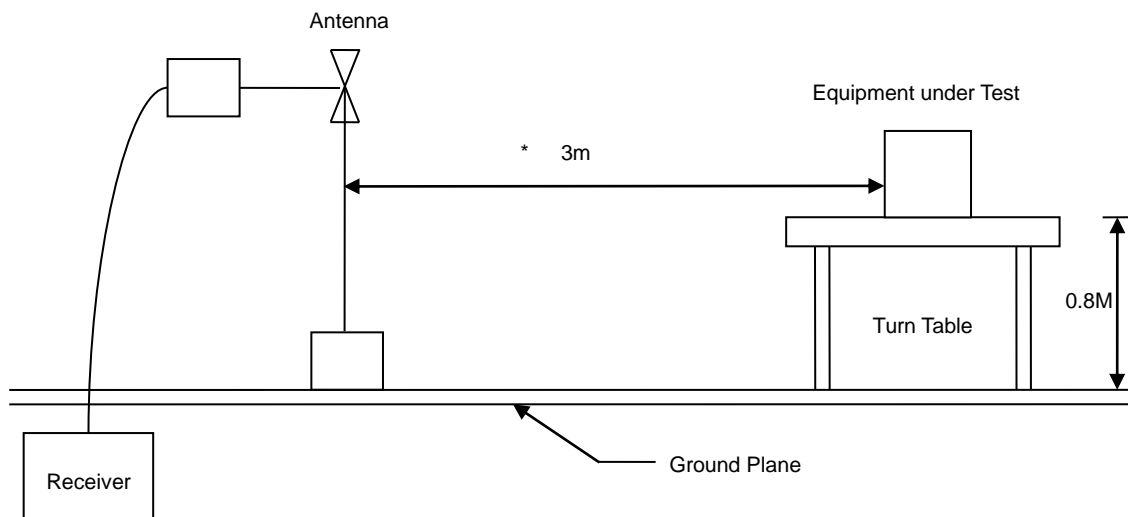


6.3 Typical Test Setup

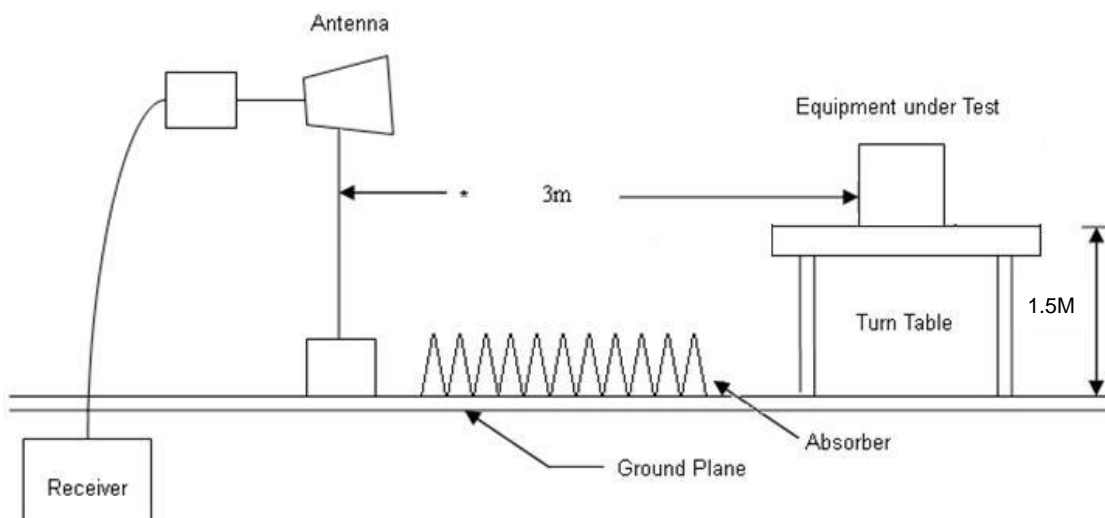
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup



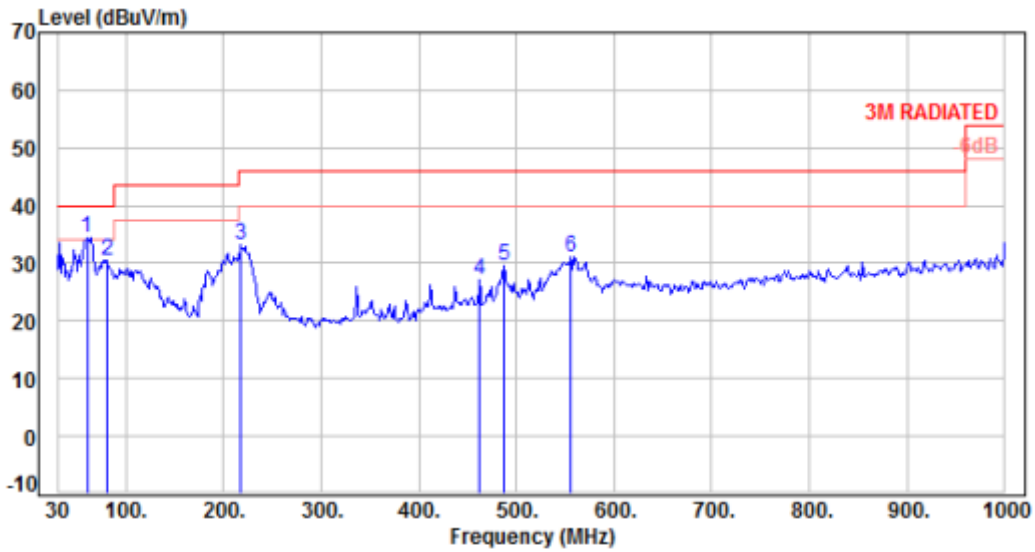


6.4 Test Result and Data (9KHz ~ 30MHz)

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

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

Power	: AC 240V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	60.07	-10.53	44.94	34.41	40.00	-5.59	Peak	100	0	P
2	80.44	-14.80	45.26	30.46	40.00	-9.54	Peak	100	0	P
3	218.18	-12.82	45.94	33.12	46.00	-12.88	Peak	100	0	P
4	462.62	-4.79	31.88	27.09	46.00	-18.91	Peak	100	0	P
5	487.84	-4.33	33.75	29.42	46.00	-16.58	Peak	100	0	P
6	555.74	-2.96	33.99	31.03	46.00	-14.97	Peak	100	0	P

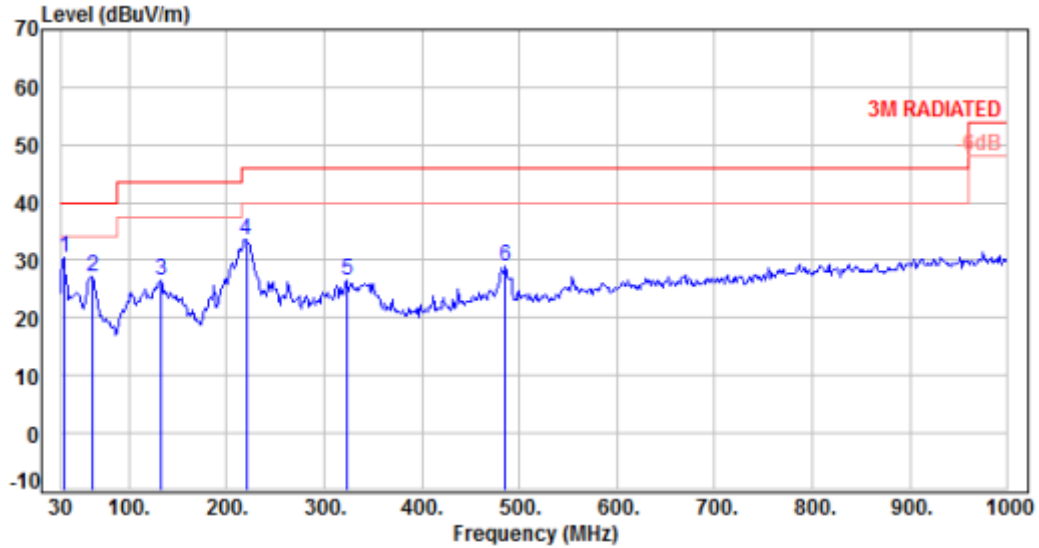
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Power	: AC 240V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2		:

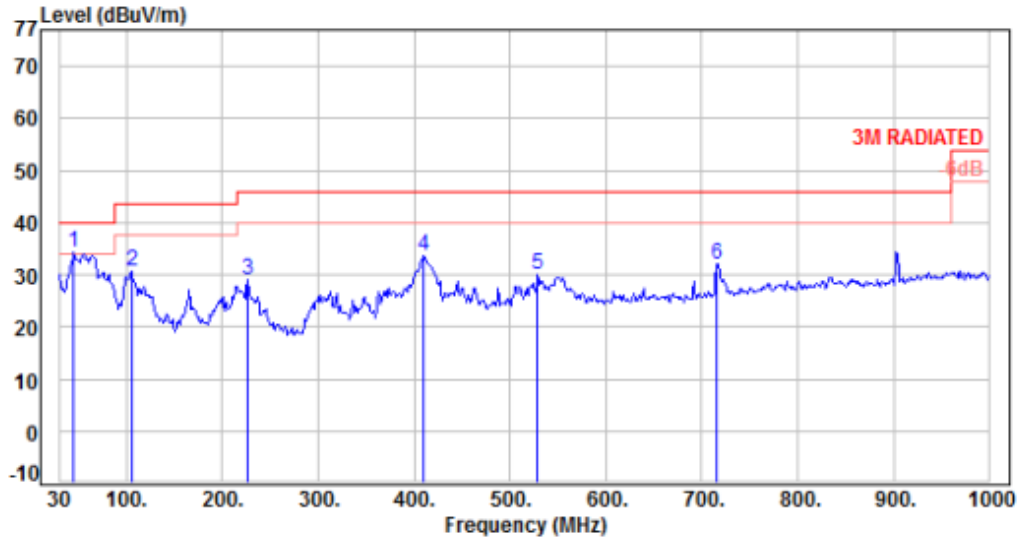


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	33.88	-11.25	41.63	30.38	40.00	-9.62	Peak	100	360	P
2	62.98	-11.12	38.35	27.23	40.00	-12.77	Peak	100	360	P
3	132.82	-11.43	37.96	26.53	43.50	-16.97	Peak	100	360	P
4	220.12	-12.86	46.31	33.45	46.00	-12.55	Peak	100	360	P
5	322.94	-8.36	34.93	26.57	46.00	-19.43	Peak	100	360	P
6	485.90	-4.37	33.42	29.05	46.00	-16.95	Peak	100	360	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5		:

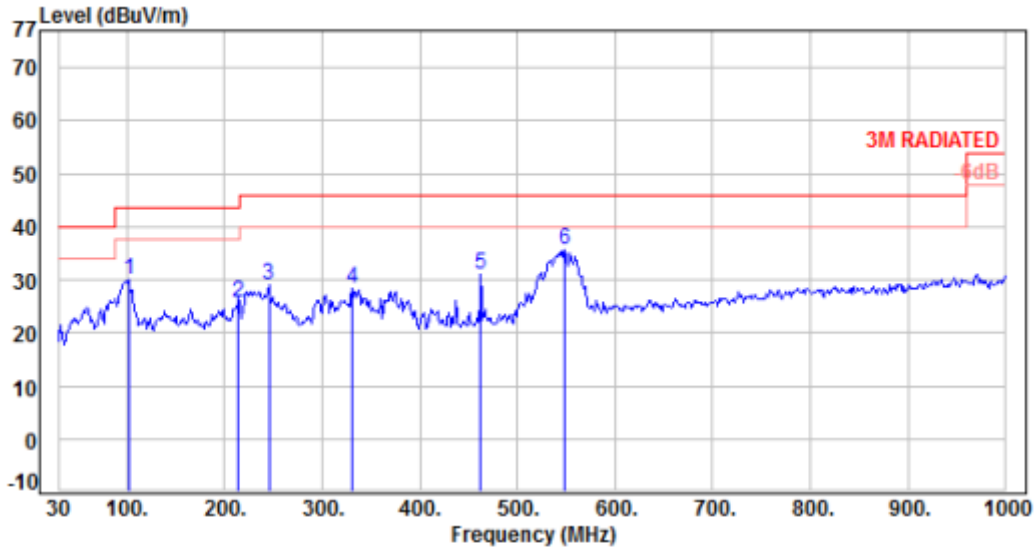


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	45.52	-10.13	44.60	34.47	40.00	-5.53	Peak	400	0	P
2	105.66	-13.65	44.30	30.65	43.50	-12.85	Peak	400	0	P
3	225.94	-12.83	41.84	29.01	46.00	-16.99	Peak	400	0	P
4	410.24	-6.12	39.76	33.64	46.00	-12.36	Peak	400	0	P
5	528.58	-3.37	33.37	30.00	46.00	-16.00	Peak	400	0	P
6	714.82	0.23	31.79	32.02	46.00	-13.98	Peak	400	0	P

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



Power	: AC 240V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5		:



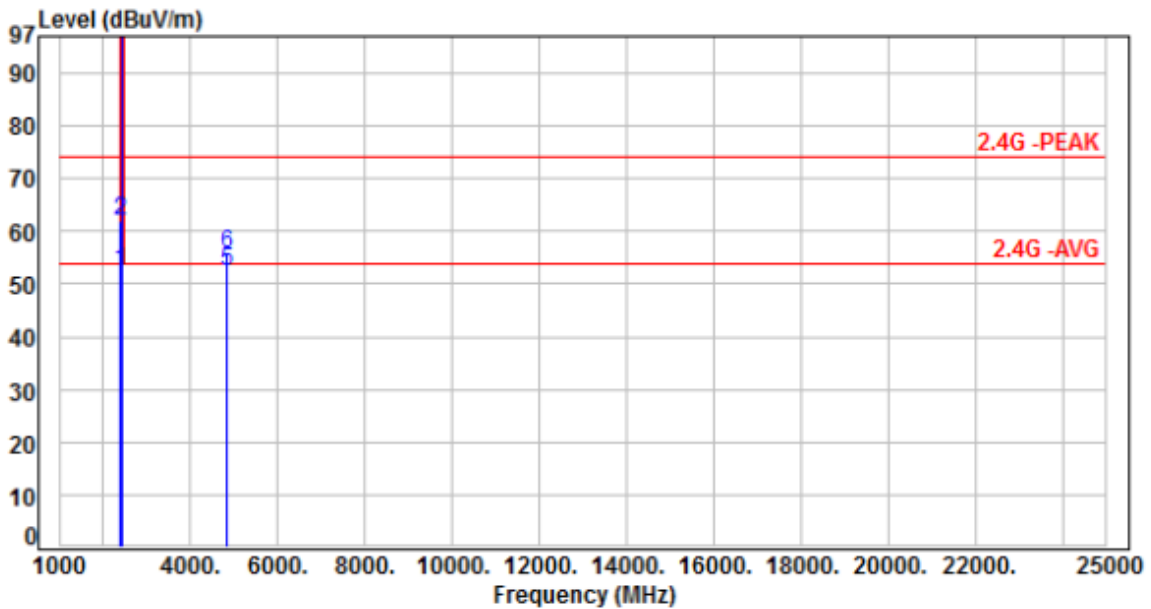
No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	101.78	-14.14	44.03	29.89	43.50	-13.61	Peak	400	0	P
2	213.33	-12.84	38.72	25.88	43.50	-17.62	Peak	400	0	P
3	245.34	-11.25	40.40	29.15	46.00	-16.85	Peak	400	0	P
4	330.70	-8.10	36.54	28.44	46.00	-17.56	Peak	400	0	P
5	462.62	-4.59	35.66	31.07	46.00	-14.93	Peak	400	0	P
6	547.98	-3.11	38.64	35.53	46.00	-10.47	Peak	400	0	P

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



6.6 Test Result and Data (1GHz ~ 25GHz)

Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH01		:

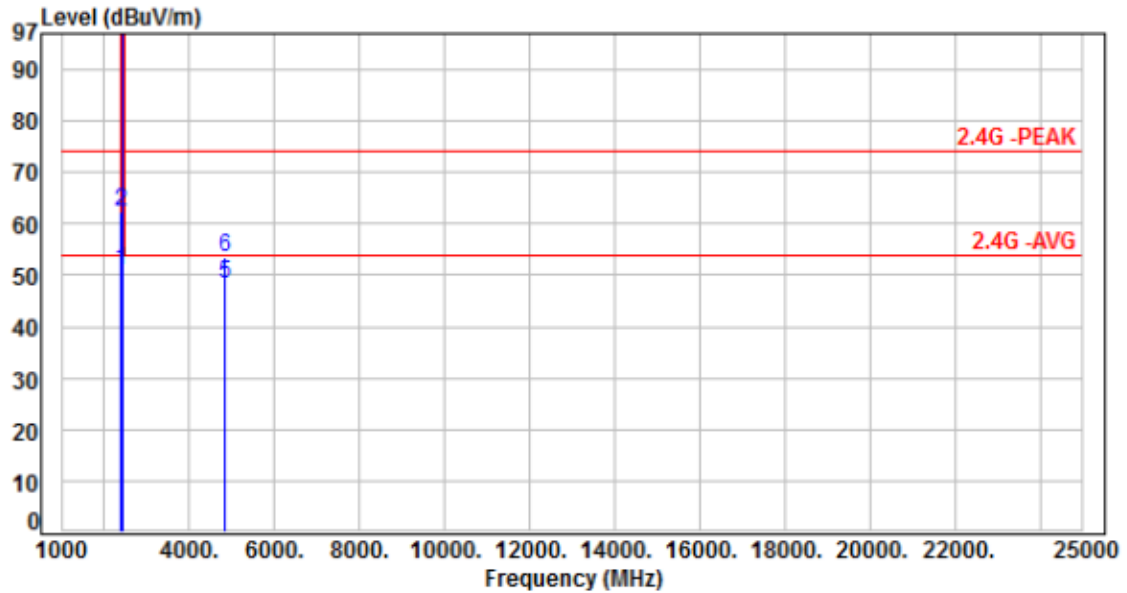


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.17	52.29	54.00	-1.71	Average	303	77	P
2	2390.00	-3.88	65.92	62.04	74.00	-11.96	Peak	303	77	P
3	2412.00	-3.92	121.24	117.32	200.00	-82.68	Average	303	77	P
4	2412.00	-3.92	123.54	119.62	200.00	-80.38	Peak	303	77	P
5	4824.00	4.48	47.75	52.23	54.00	-1.77	Average	387	101	P
6	4824.00	4.48	51.14	55.62	74.00	-18.38	Peak	387	101	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, CH01		:

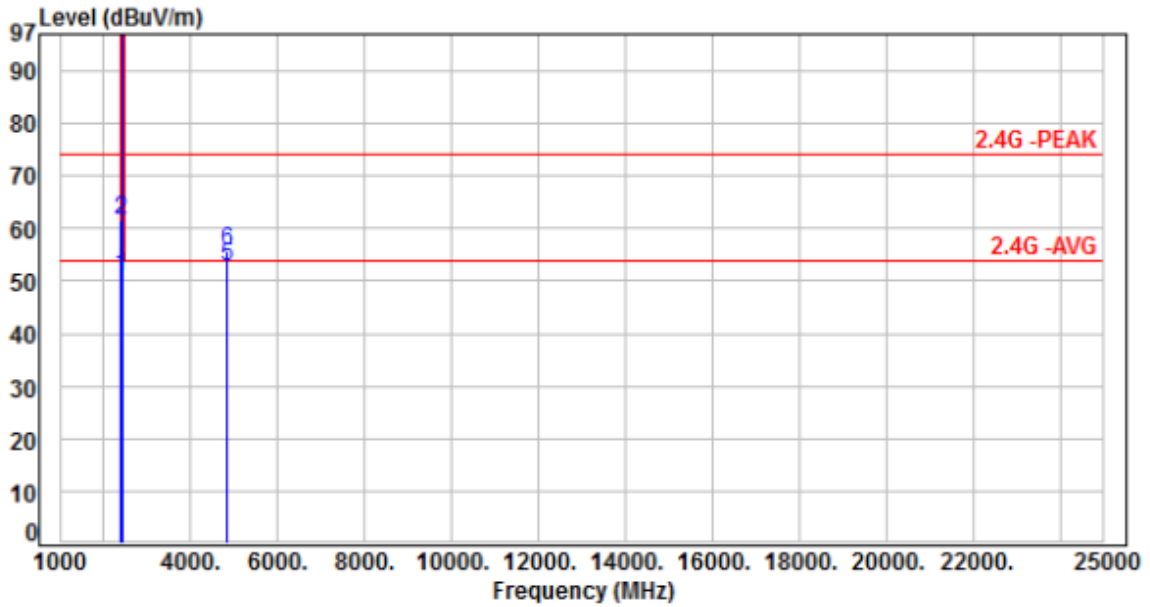


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.95	51.07	54.00	-2.93	Average	143	108	P
2	2390.00	-3.88	66.10	62.22	74.00	-11.78	Peak	143	108	P
3	2412.00	-3.92	119.48	115.56	200.00	-84.44	Average	143	108	P
4	2412.00	-3.92	121.92	118.00	200.00	-82.00	Peak	143	108	P
5	4824.00	4.48	44.00	48.48	54.00	-5.52	Average	100	102	P
6	4824.00	4.48	48.94	53.42	74.00	-20.58	Peak	100	102	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH02		:

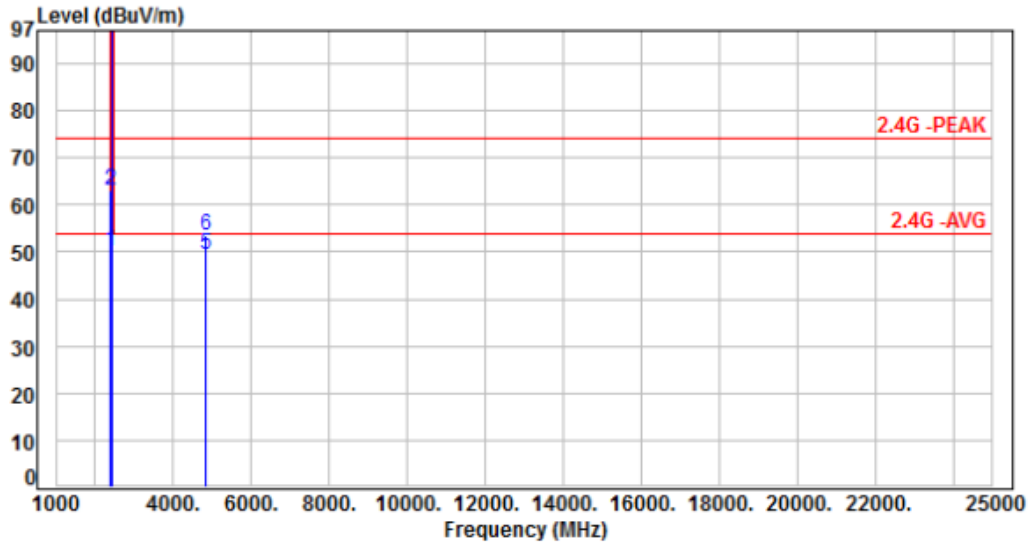


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.71	50.83	54.00	-3.17	Average	297	79	P
2	2390.00	-3.88	65.35	61.47	74.00	-12.53	Peak	297	79	P
3	2417.00	-3.92	121.82	117.90	200.00	-82.10	Average	297	79	P
4	2417.00	-3.92	124.27	120.35	200.00	-79.65	Peak	297	79	P
5	4834.00	4.53	48.08	52.61	54.00	-1.39	Average	385	98	P
6	4834.00	4.53	51.28	55.81	74.00	-18.19	Peak	385	98	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, CH02		:

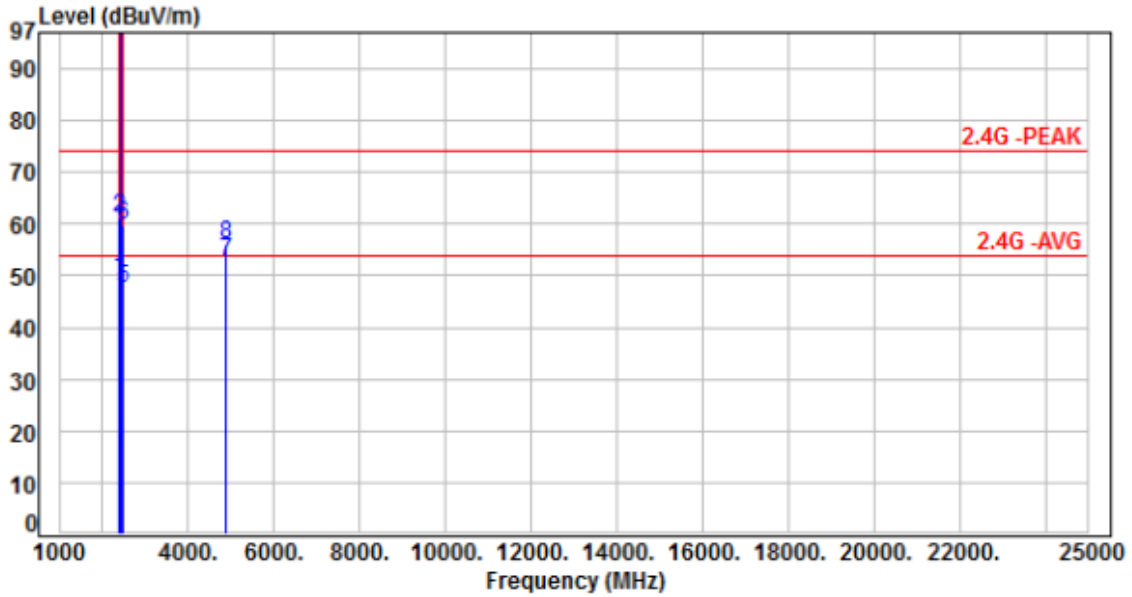


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.09	50.21	54.00	-3.79	Average	118	104	P
2	2390.00	-3.88	66.77	62.89	74.00	-11.11	Peak	118	104	P
3	2417.00	-3.92	119.49	115.57	200.00	-84.43	Average	118	104	P
4	2417.00	-3.92	121.96	118.04	200.00	-81.96	Peak	118	104	P
5	4834.00	4.53	44.79	49.32	54.00	-4.68	Average	100	104	P
6	4834.00	4.53	48.92	53.45	74.00	-20.55	Peak	100	104	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH06		:

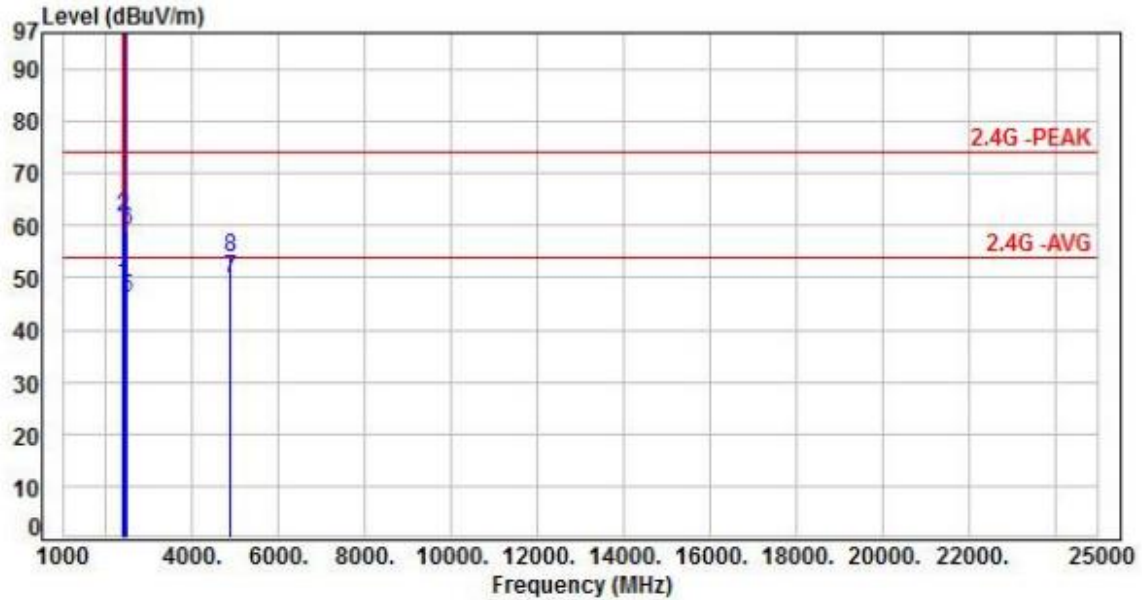


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	53.14	49.26	54.00	-4.74	Average	270	89	P
2	2390.00	-3.88	65.09	61.21	74.00	-12.79	Peak	270	89	P
3	2437.00	-3.94	121.77	117.83	200.00	-82.17	Average	270	89	P
4	2437.00	-3.94	124.23	120.29	200.00	-79.71	Peak	270	89	P
5	2483.50	-3.99	51.38	47.39	54.00	-6.61	Average	270	89	P
6	2483.50	-3.99	63.70	59.71	74.00	-14.29	Peak	270	89	P
7	4874.00	4.73	47.87	52.60	54.00	-1.40	Average	400	105	P
8	4874.00	4.73	51.26	55.99	74.00	-18.01	Peak	400	105	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, CH06		:

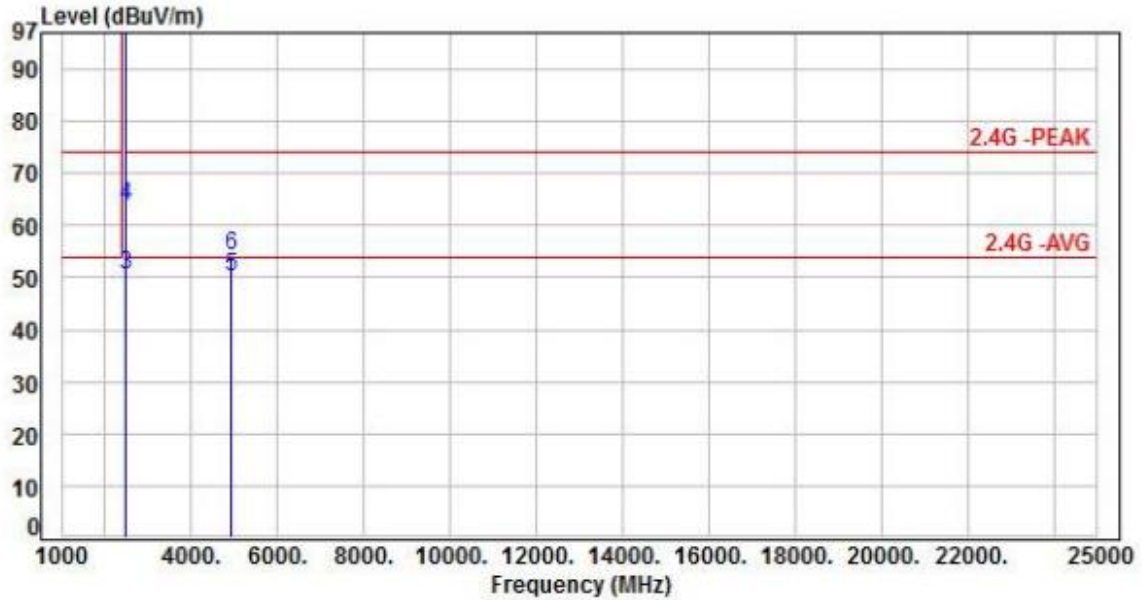


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	52.46	48.58	54.00	-5.42	Average	140	107	P
2	2390.00	-3.88	65.36	61.48	74.00	-12.52	Peak	140	107	P
3	2437.00	-3.94	119.70	115.76	200.00	-84.24	Average	140	107	P
4	2437.00	-3.94	122.05	118.11	200.00	-81.89	Peak	140	107	P
5	2483.50	-3.99	50.12	46.13	54.00	-7.87	Average	140	107	P
6	2483.50	-3.99	62.95	58.96	74.00	-15.04	Peak	140	107	P
7	4874.00	4.73	45.10	49.83	54.00	-4.17	Average	251	117	P
8	4874.00	4.73	49.29	54.02	74.00	-19.98	Peak	251	117	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH10		:

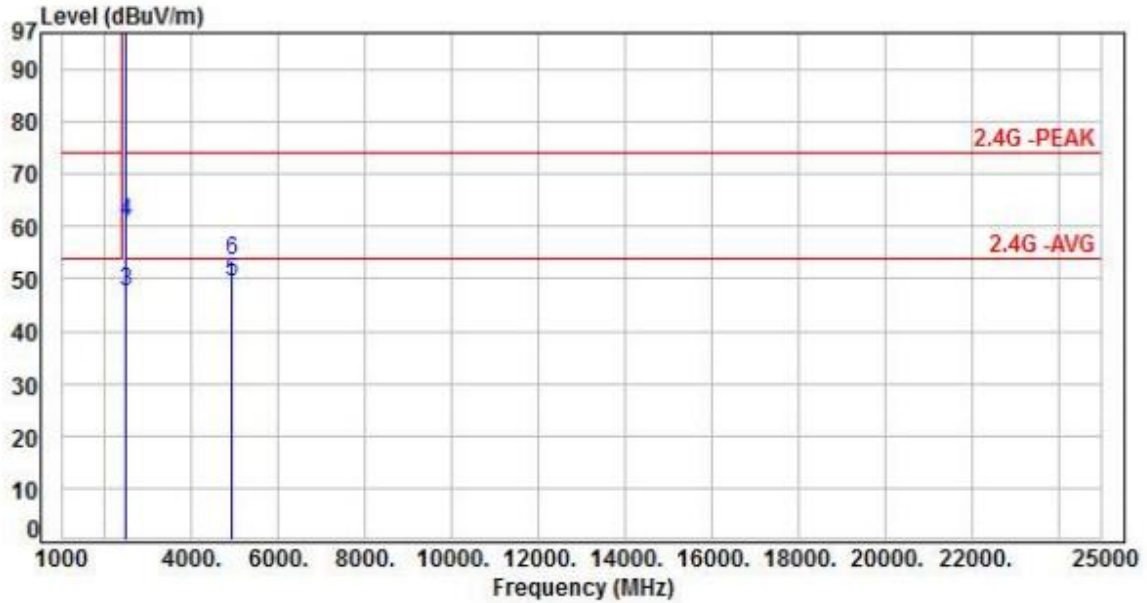


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	121.96	118.00	200.00	-82.00	Average	269	88	P
2	2457.00	-3.96	124.48	120.52	200.00	-79.48	Peak	269	88	P
3	2483.50	-3.99	54.49	50.50	54.00	-3.50	Average	269	88	P
4	2483.50	-3.99	67.89	63.90	74.00	-10.10	Peak	269	88	P
5	4914.00	4.91	45.28	50.19	54.00	-3.81	Average	394	113	P
6	4914.00	4.91	49.34	54.25	74.00	-19.75	Peak	394	113	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, CH10		:

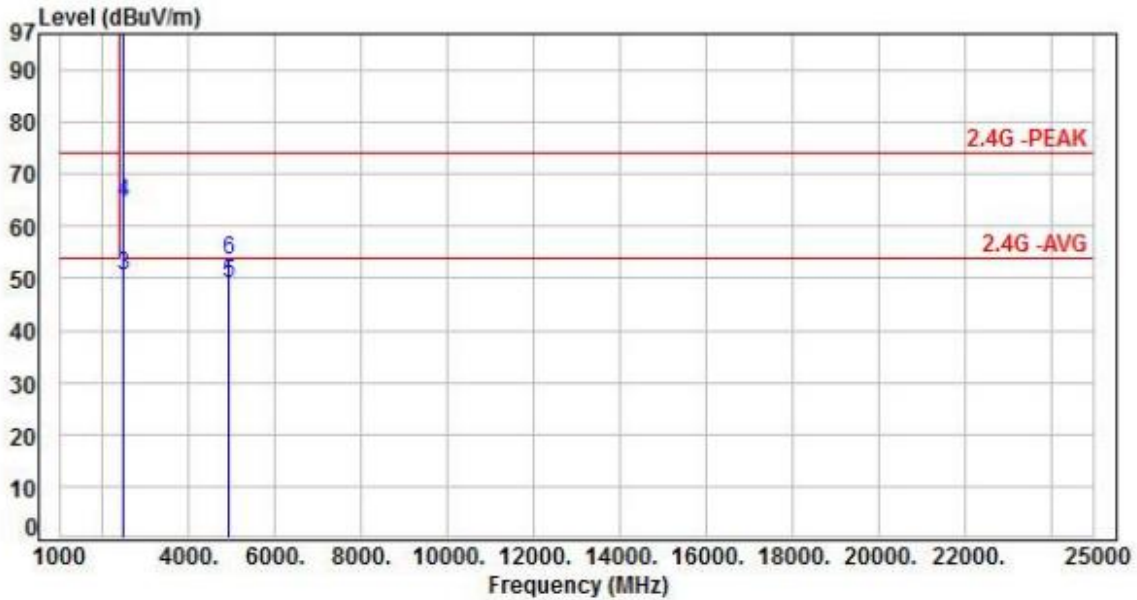


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	120.09	116.13	200.00	-83.87	Average	380	106	P
2	2457.00	-3.96	122.67	118.71	200.00	-81.29	Peak	380	106	P
3	2483.50	-3.99	51.40	47.41	54.00	-6.59	Average	380	106	P
4	2483.50	-3.99	64.69	60.70	74.00	-13.30	Peak	380	106	P
5	4914.00	4.91	44.33	49.24	54.00	-4.76	Average	251	117	P
6	4914.00	4.91	48.66	53.57	74.00	-20.43	Peak	251	117	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 1, CH11		:

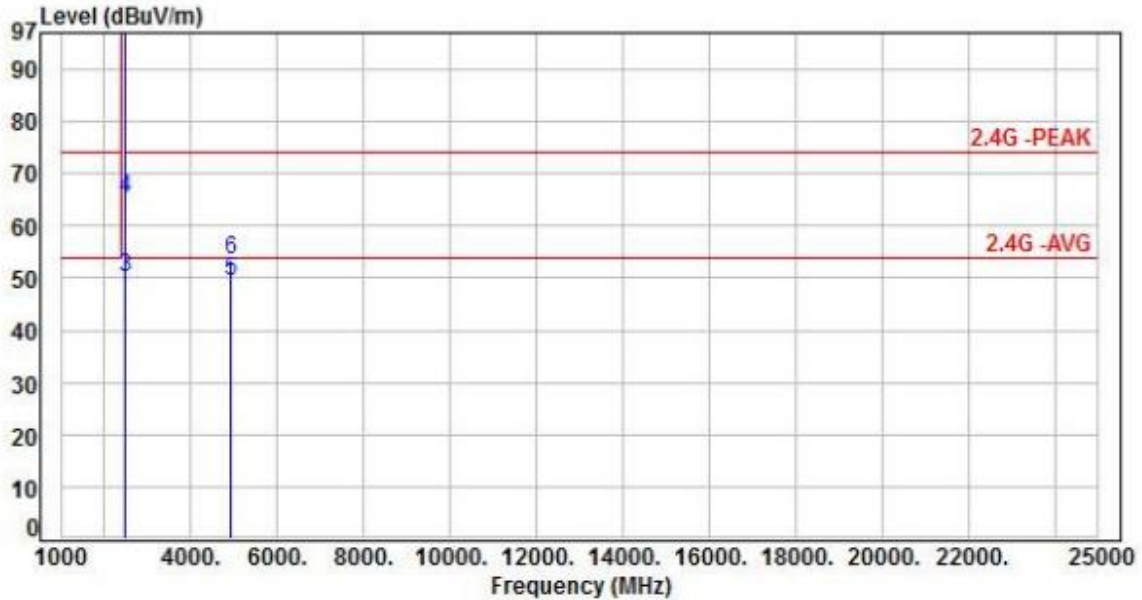


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	122.05	118.09	200.00	-81.91	Average	303	89	P
2	2462.00	-3.96	124.62	120.66	200.00	-79.34	Peak	303	89	P
3	2483.50	-3.99	54.55	50.56	54.00	-3.44	Average	303	89	P
4	2483.50	-3.99	68.42	64.43	74.00	-9.57	Peak	303	89	P
5	4924.00	4.94	44.17	49.11	54.00	-4.89	Average	392	123	P
6	4924.00	4.94	48.39	53.33	74.00	-20.67	Peak	392	123	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 1, CH11		:

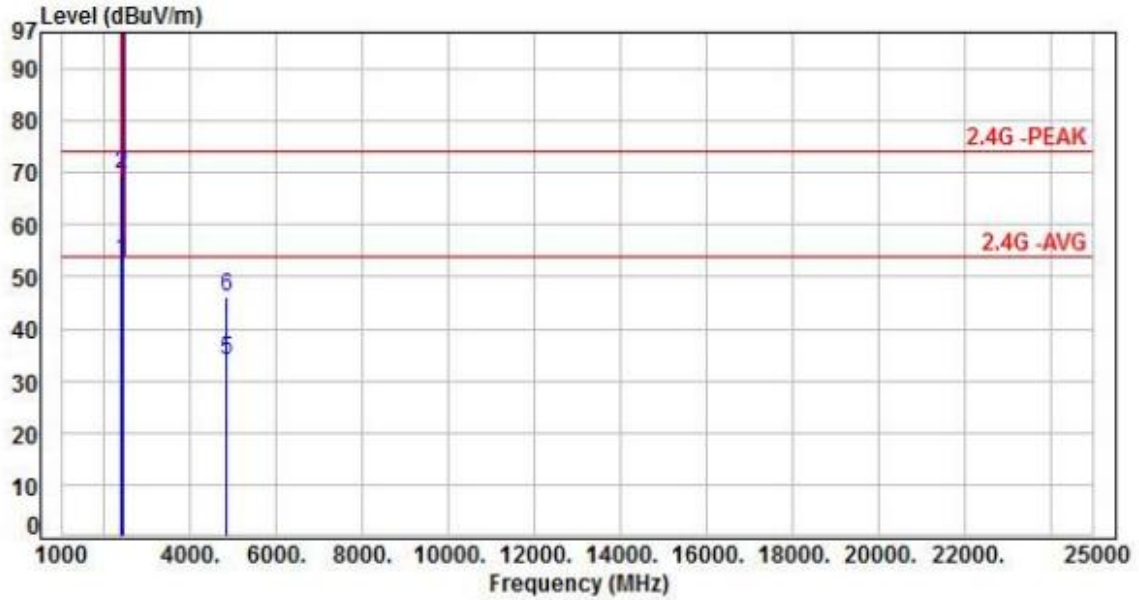


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	121.19	117.23	200.00	-82.77	Average	133	48	P
2	2462.00	-3.96	123.66	119.70	200.00	-80.30	Peak	133	48	P
3	2483.50	-3.99	54.12	50.13	54.00	-3.87	Average	133	48	P
4	2483.50	-3.99	69.42	65.43	74.00	-8.57	Peak	133	48	P
5	4924.00	4.94	44.55	49.49	54.00	-4.51	Average	255	114	P
6	4924.00	4.94	48.59	53.53	74.00	-20.47	Peak	255	114	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, CH01		:

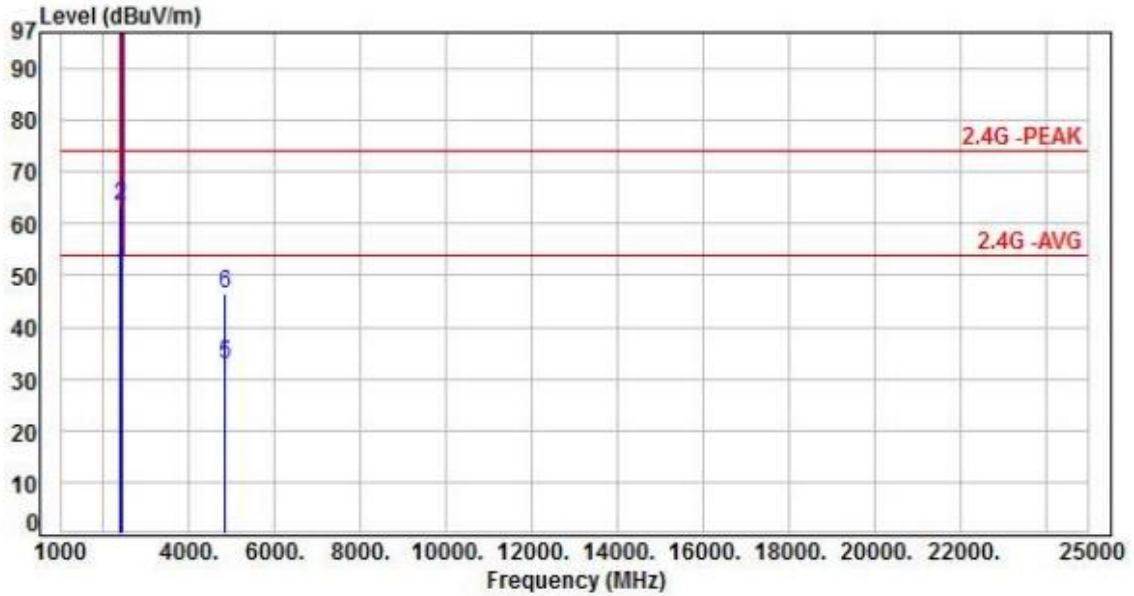


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.81	52.93	54.00	-1.07	Average	290	360	P
2	2390.00	-3.88	73.75	69.87	74.00	-4.13	Peak	290	360	P
3	2412.00	-3.92	104.06	100.14	200.00	-99.86	Average	290	360	P
4	2412.00	-3.92	115.13	111.21	200.00	-88.79	Peak	290	360	P
5	4824.00	4.48	29.36	33.84	54.00	-20.16	Average	385	126	P
6	4824.00	4.48	41.77	46.25	74.00	-27.75	Peak	385	126	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, CH01		:

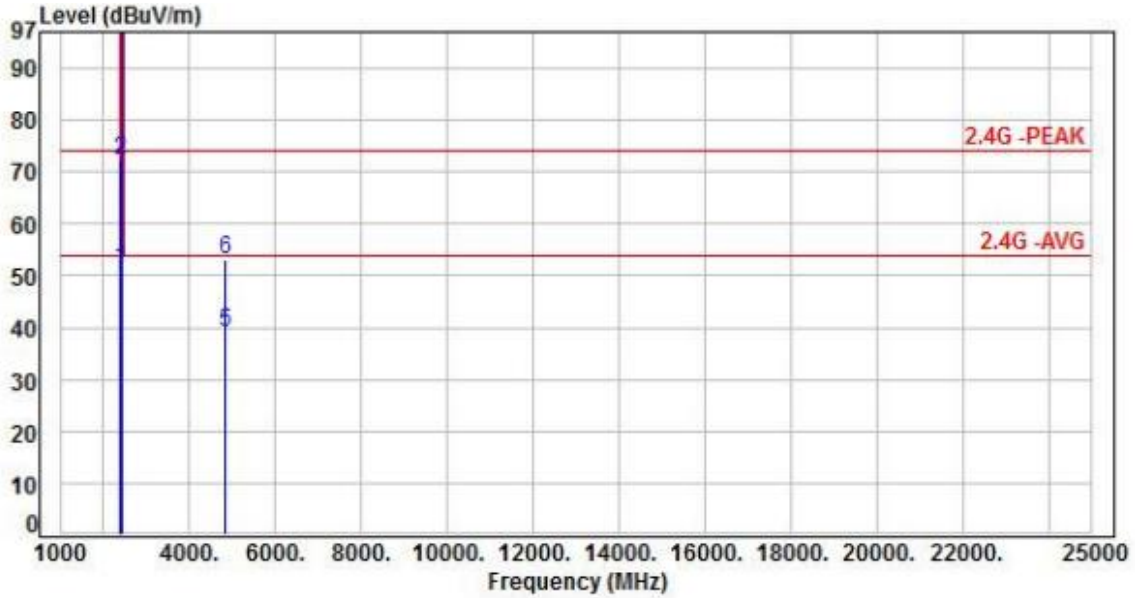


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.03	50.15	54.00	-3.85	Average	191	93	P
2	2390.00	-3.88	67.25	63.37	74.00	-10.63	Peak	191	93	P
3	2412.00	-3.92	103.50	99.58	200.00	-100.42	Average	191	93	P
4	2412.00	-3.92	114.05	110.13	200.00	-89.87	Peak	191	93	P
5	4824.00	4.48	28.51	32.99	54.00	-21.01	Average	153	115	P
6	4824.00	4.48	42.12	46.60	74.00	-27.40	Peak	153	115	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, CH02		:

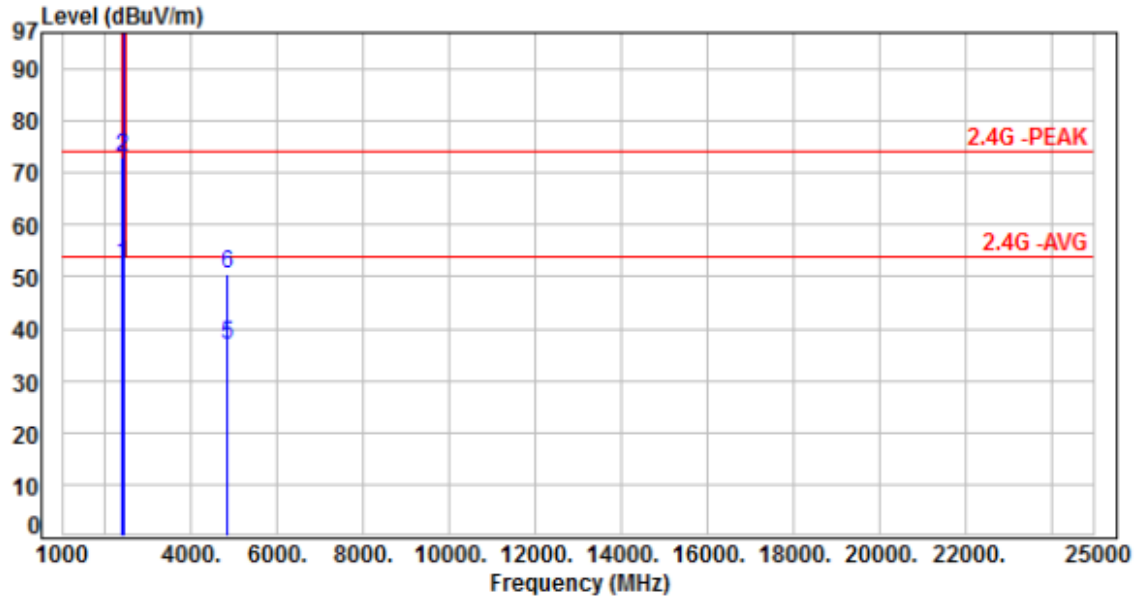


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.99	51.11	54.00	-2.89	Average	287	360	P
2	2390.00	-3.88	76.02	72.14	74.00	-1.86	Peak	287	360	P
3	2417.00	-3.92	114.75	110.83	200.00	-89.17	Average	287	360	P
4	2417.00	-3.92	125.79	121.87	200.00	-78.13	Peak	287	360	P
5	4834.00	4.53	34.58	39.11	54.00	-14.89	Average	383	107	P
6	4834.00	4.53	48.43	52.96	74.00	-21.04	Peak	383	107	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, CH02		:

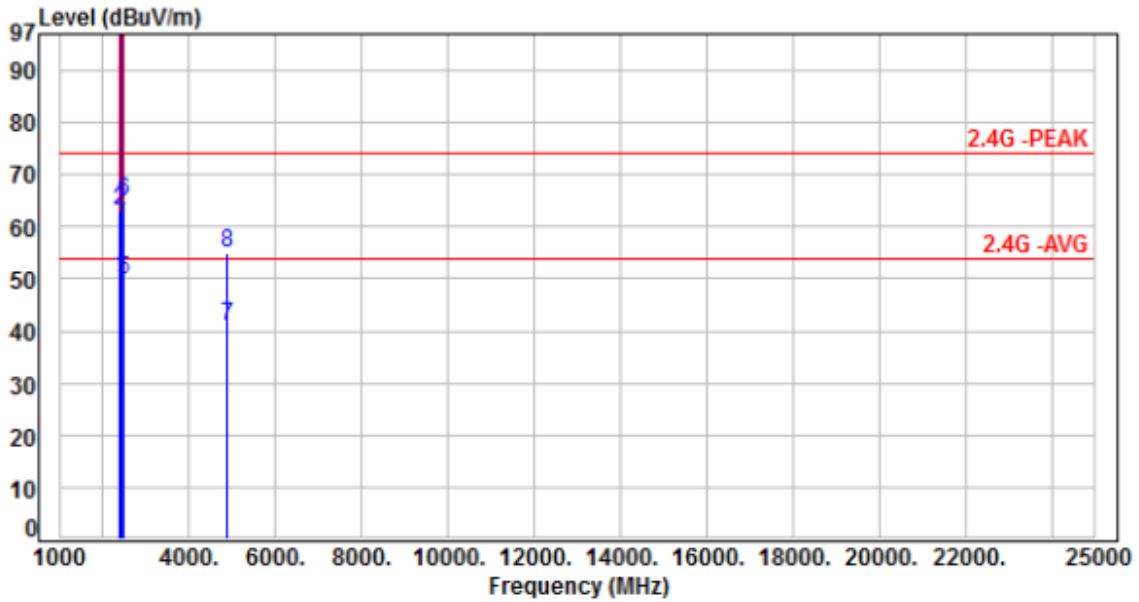


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.39	52.51	54.00	-1.49	Average	234	92	P
2	2390.00	-3.88	76.76	72.88	74.00	-1.12	Peak	234	92	P
3	2417.00	-3.92	114.15	110.23	200.00	-89.77	Average	234	92	P
4	2417.00	-3.92	124.63	120.71	200.00	-79.29	Peak	234	92	P
5	4834.00	4.53	32.48	37.01	54.00	-16.99	Average	100	103	P
6	4834.00	4.53	46.02	50.55	74.00	-23.45	Peak	100	103	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, CH06		:

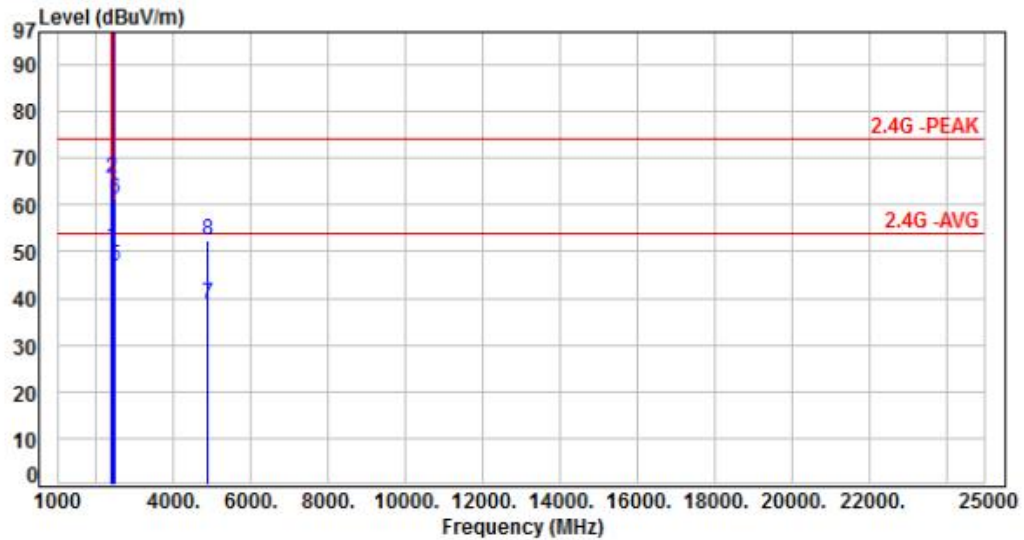


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.19	50.31	54.00	-3.69	Average	289	360	P
2	2390.00	-3.88	66.91	63.03	74.00	-10.97	Peak	289	360	P
3	2437.00	-3.94	116.28	112.34	200.00	-87.66	Average	289	360	P
4	2437.00	-3.94	126.52	122.58	200.00	-77.42	Peak	289	360	P
5	2483.50	-3.99	53.73	49.74	54.00	-4.26	Average	289	360	P
6	2483.50	-3.99	68.78	64.79	74.00	-9.21	Peak	289	360	P
7	4874.00	4.73	36.34	41.07	54.00	-12.93	Average	400	117	P
8	4874.00	4.73	50.17	54.90	74.00	-19.10	Peak	400	117	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, CH06		:

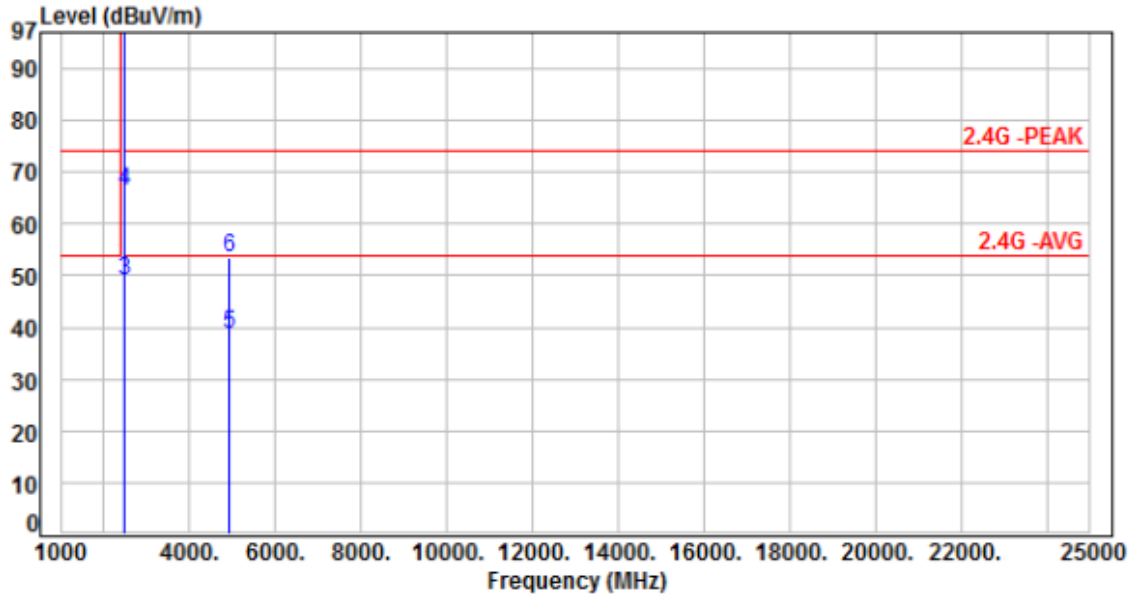


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.71	50.83	54.00	-3.17	Average	167	92	P
2	2390.00	-3.88	69.44	65.56	74.00	-8.44	Peak	167	92	P
3	2437.00	-3.94	115.06	111.12	200.00	-88.88	Average	167	92	P
4	2437.00	-3.94	125.56	121.62	200.00	-78.38	Peak	167	92	P
5	2483.50	-3.99	50.71	46.72	54.00	-7.28	Average	167	92	P
6	2483.50	-3.99	65.29	61.30	74.00	-12.70	Peak	167	92	P
7	4874.00	4.73	34.04	38.77	54.00	-15.23	Average	100	100	P
8	4874.00	4.73	47.81	52.54	74.00	-21.46	Peak	100	100	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, CH10		:

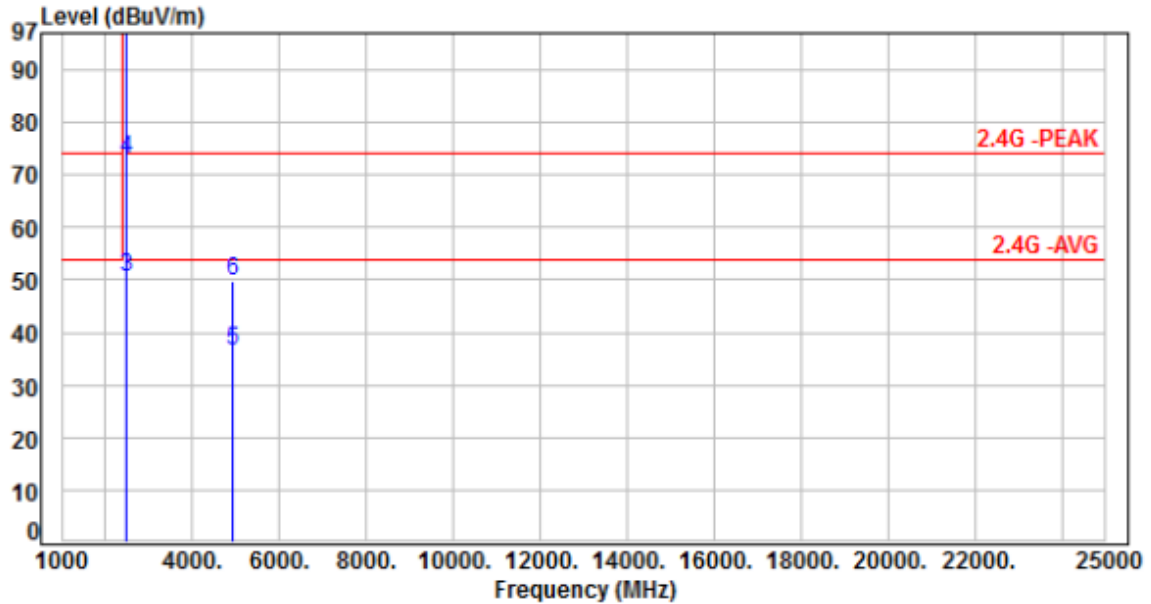


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	115.11	111.15	200.00	-88.85	Average	257	76	P
2	2457.00	-3.96	125.79	121.83	200.00	-78.17	Peak	257	76	P
3	2483.50	-3.99	53.11	49.12	54.00	-4.88	Average	257	76	P
4	2483.50	-3.99	70.31	66.32	74.00	-7.68	Peak	257	76	P
5	4914.00	4.91	33.90	38.81	54.00	-15.19	Average	395	108	P
6	4914.00	4.91	48.55	53.46	74.00	-20.54	Peak	395	108	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, CH10		:

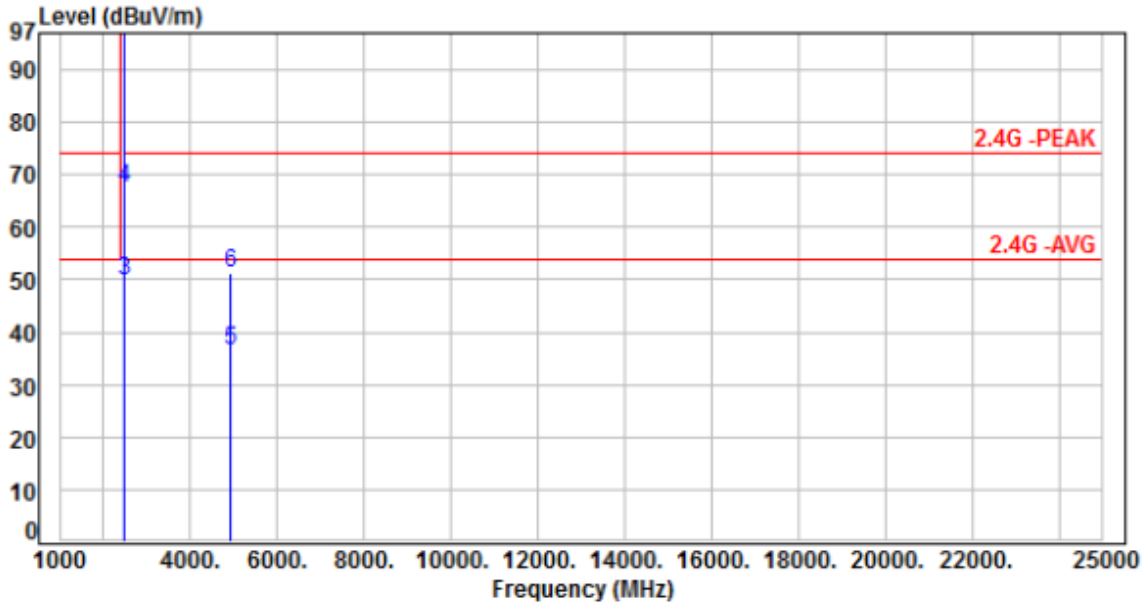


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	113.54	109.58	200.00	-90.42	Average	100	65	P
2	2457.00	-3.96	123.74	119.78	200.00	-80.22	Peak	100	65	P
3	2483.50	-3.99	54.62	50.63	54.00	-3.37	Average	100	65	P
4	2483.50	-3.99	76.97	72.98	74.00	-1.02	Peak	100	65	P
5	4914.00	4.91	31.61	36.52	54.00	-17.48	Average	100	101	P
6	4914.00	4.91	45.01	49.92	74.00	-24.08	Peak	100	101	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 2, CH11		:

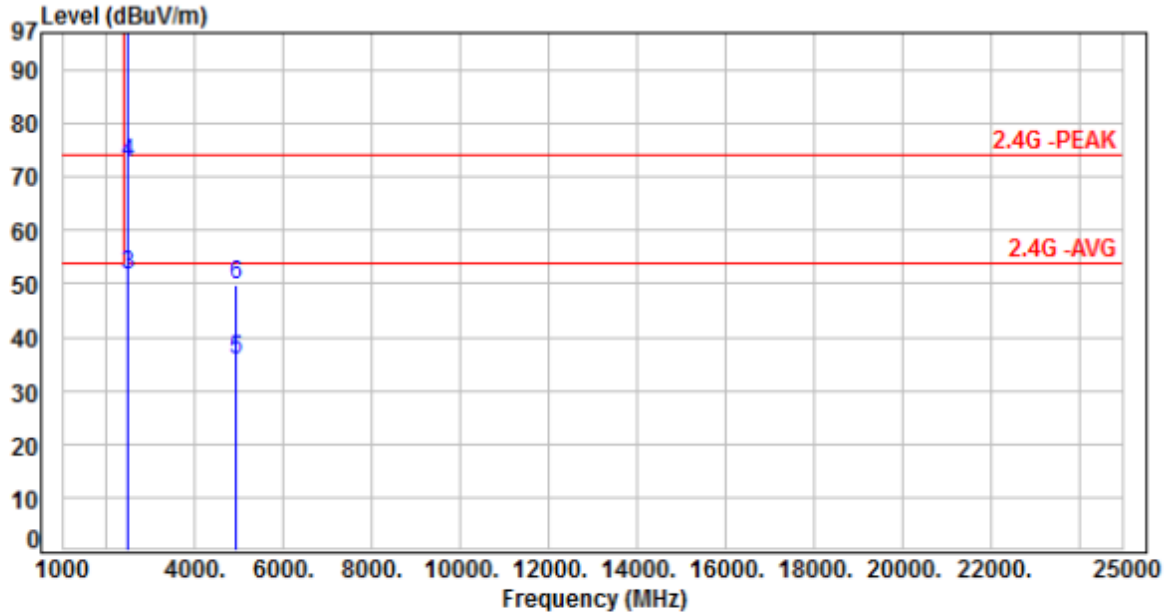


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	112.72	108.76	200.00	-91.24	Average	260	78	P
2	2462.00	-3.96	123.11	119.15	200.00	-80.85	Peak	260	78	P
3	2483.50	-3.99	53.96	49.97	54.00	-4.03	Average	260	78	P
4	2483.50	-3.99	71.57	67.58	74.00	-6.42	Peak	260	78	P
5	4924.00	4.94	31.67	36.61	54.00	-17.39	Average	392	124	P
6	4924.00	4.94	46.35	51.29	74.00	-22.71	Peak	392	124	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 2, CH11		:

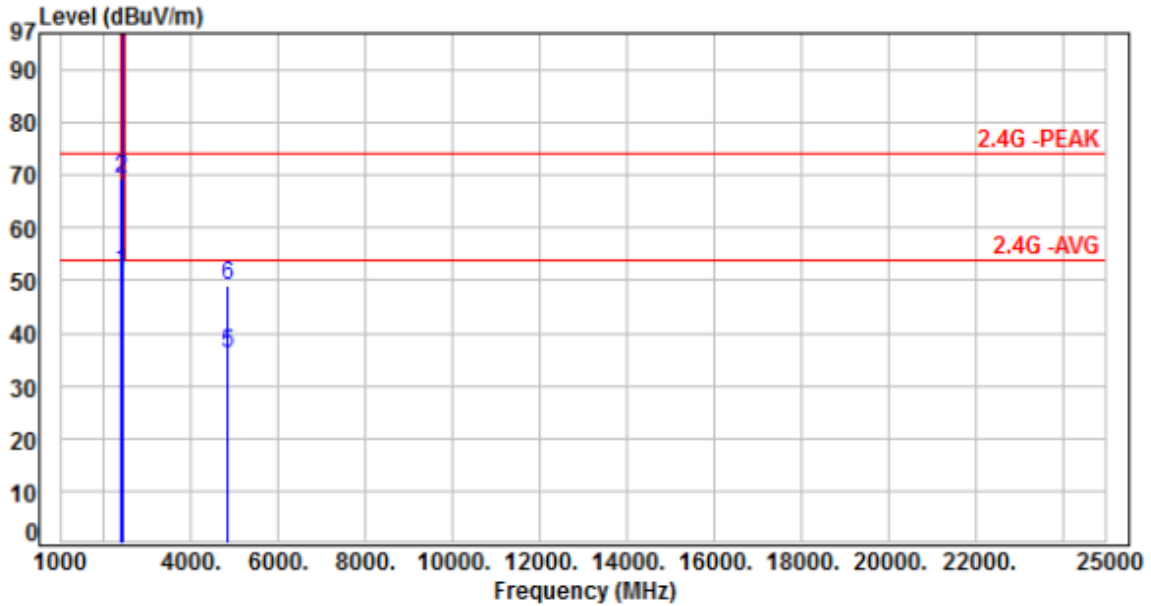


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	110.01	106.05	200.00	-93.95	Average	100	66	P
2	2462.00	-3.96	120.64	116.68	200.00	-83.32	Peak	100	66	P
3	2483.50	-3.99	55.78	51.79	54.00	-2.21	Average	100	66	P
4	2483.50	-3.99	76.51	72.52	74.00	-1.48	Peak	100	66	P
5	4924.00	4.94	30.73	35.67	54.00	-18.33	Average	100	101	P
6	4924.00	4.94	44.79	49.73	74.00	-24.27	Peak	100	101	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, CH01		:

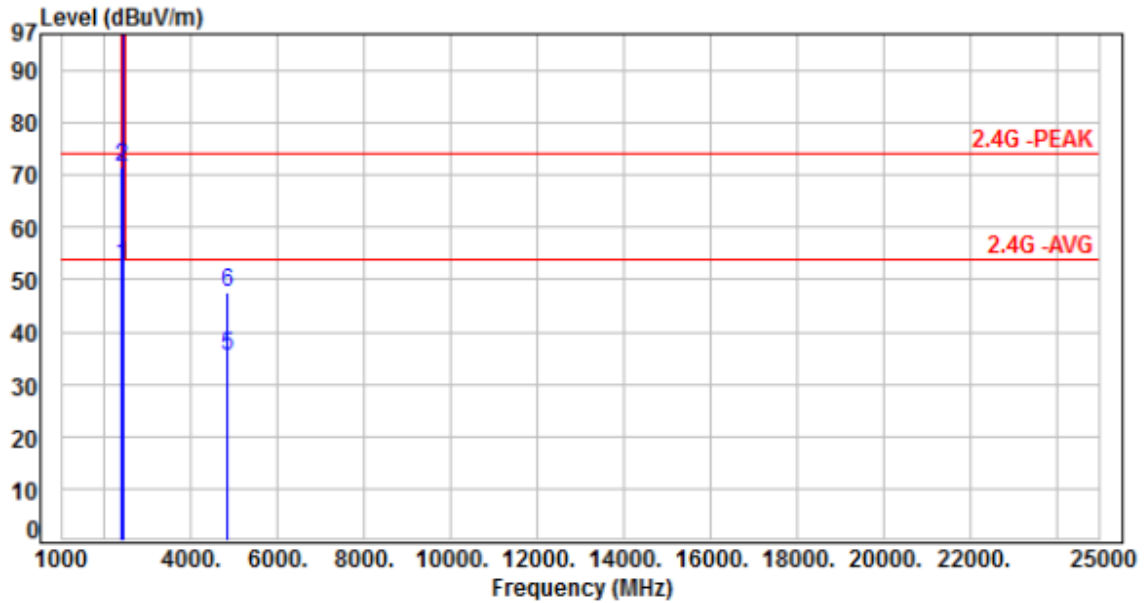


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	55.37	51.49	54.00	-2.51	Average	323	342	P
2	2390.00	-3.88	73.04	69.16	74.00	-4.84	Peak	323	342	P
3	2412.00	-3.92	109.70	105.78	200.00	-94.22	Average	323	342	P
4	2412.00	-3.92	122.03	118.11	200.00	-81.89	Peak	323	342	P
5	4824.00	4.48	31.55	36.03	54.00	-17.97	Average	384	119	P
6	4824.00	4.48	44.54	49.02	74.00	-24.98	Peak	384	119	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, CH01		:

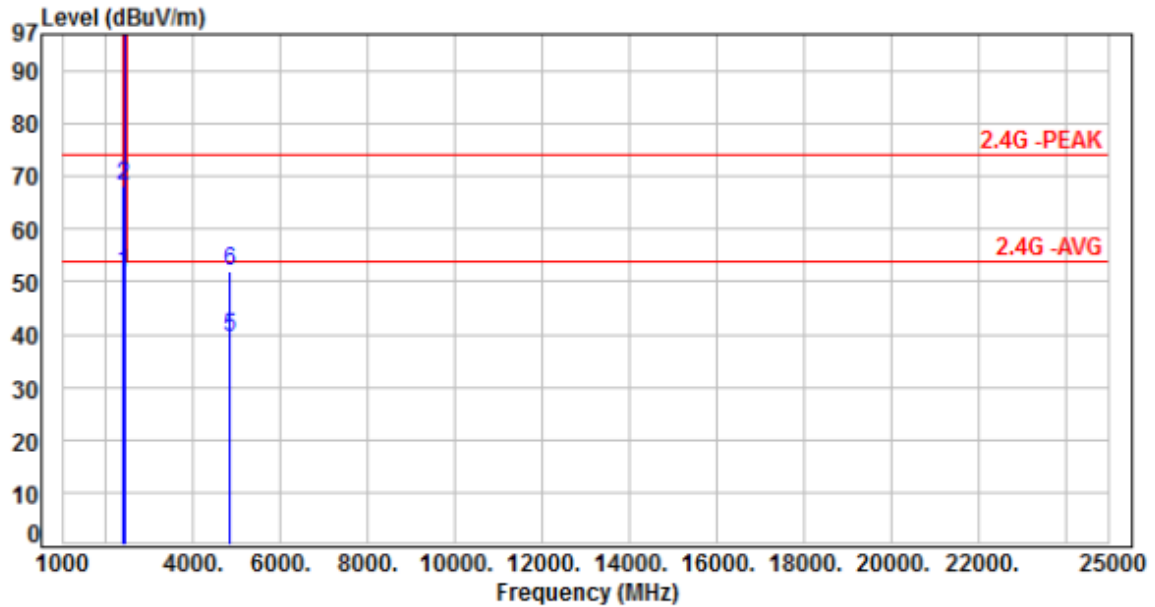


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.58	52.70	54.00	-1.30	Average	100	111	P
2	2390.00	-3.88	75.34	71.46	74.00	-2.54	Peak	100	111	P
3	2412.00	-3.92	108.45	104.53	200.00	-95.47	Average	100	111	P
4	2412.00	-3.92	121.74	117.82	200.00	-82.18	Peak	100	111	P
5	4824.00	4.48	31.10	35.58	54.00	-18.42	Average	268	104	P
6	4824.00	4.48	43.16	47.64	74.00	-26.36	Peak	268	104	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, CH02		:

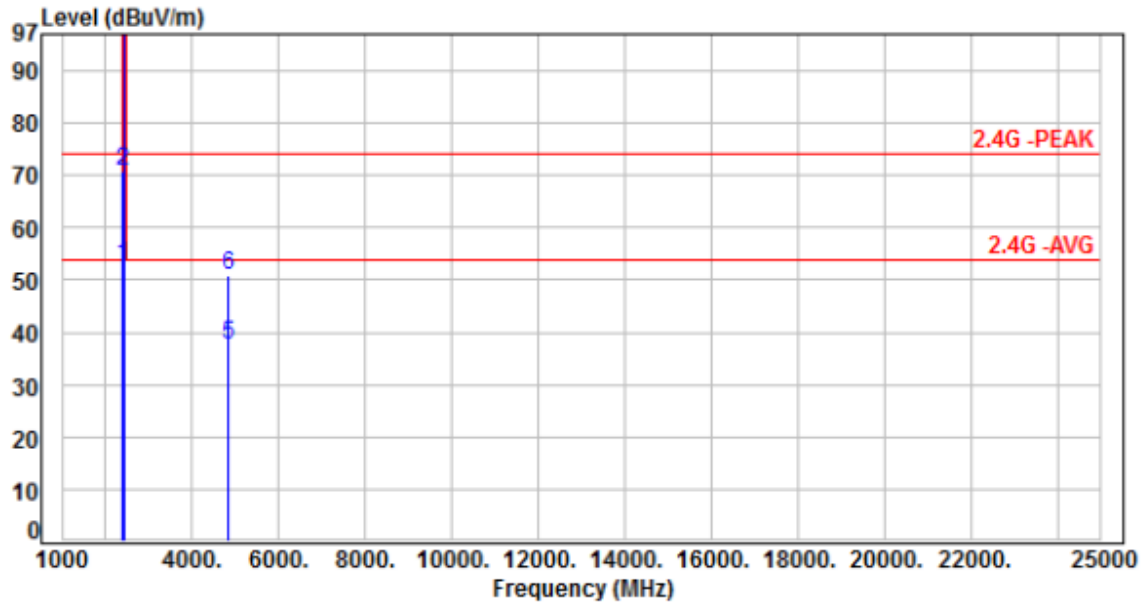


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	55.69	51.81	54.00	-2.19	Average	321	32	P
2	2390.00	-3.88	72.12	68.24	74.00	-5.76	Peak	321	32	P
3	2417.00	-3.92	112.73	108.81	200.00	-91.19	Average	321	32	P
4	2417.00	-3.92	126.00	122.08	200.00	-77.92	Peak	321	32	P
5	4834.00	4.53	34.80	39.33	54.00	-14.67	Average	383	108	P
6	4834.00	4.53	47.52	52.05	74.00	-21.95	Peak	383	108	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, CH02		:

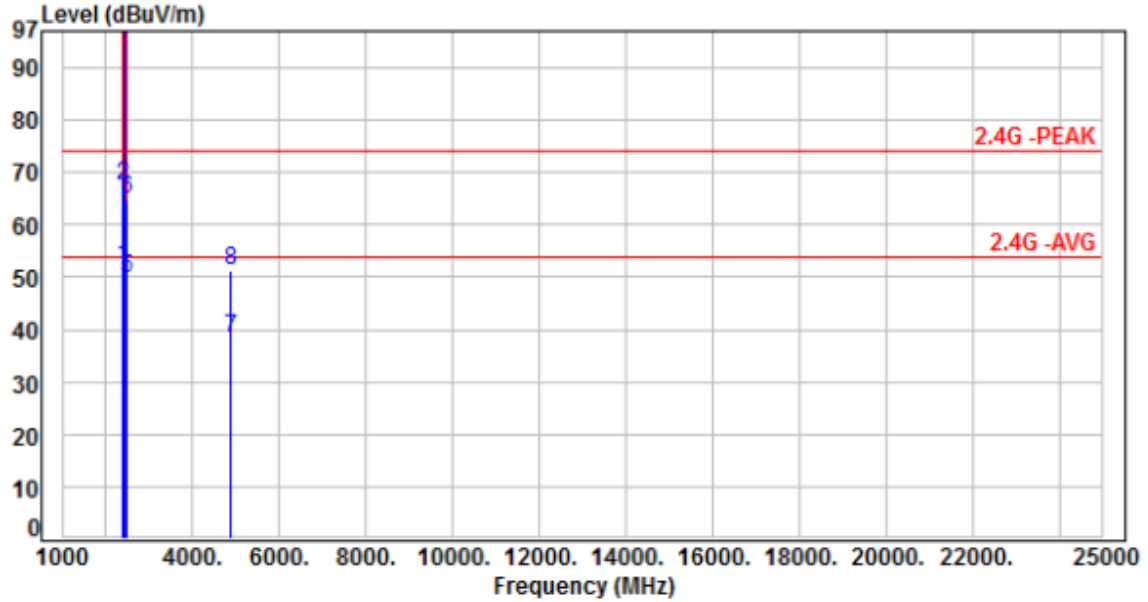


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.65	52.77	54.00	-1.23	Average	100	115	P
2	2390.00	-3.88	74.78	70.90	74.00	-3.10	Peak	100	115	P
3	2417.00	-3.92	111.34	107.42	200.00	-92.58	Average	100	115	P
4	2417.00	-3.92	124.48	120.56	200.00	-79.44	Peak	100	115	P
5	4834.00	4.53	33.25	37.78	54.00	-16.22	Average	100	98	P
6	4834.00	4.53	46.37	50.90	74.00	-23.10	Peak	100	98	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, CH06		:

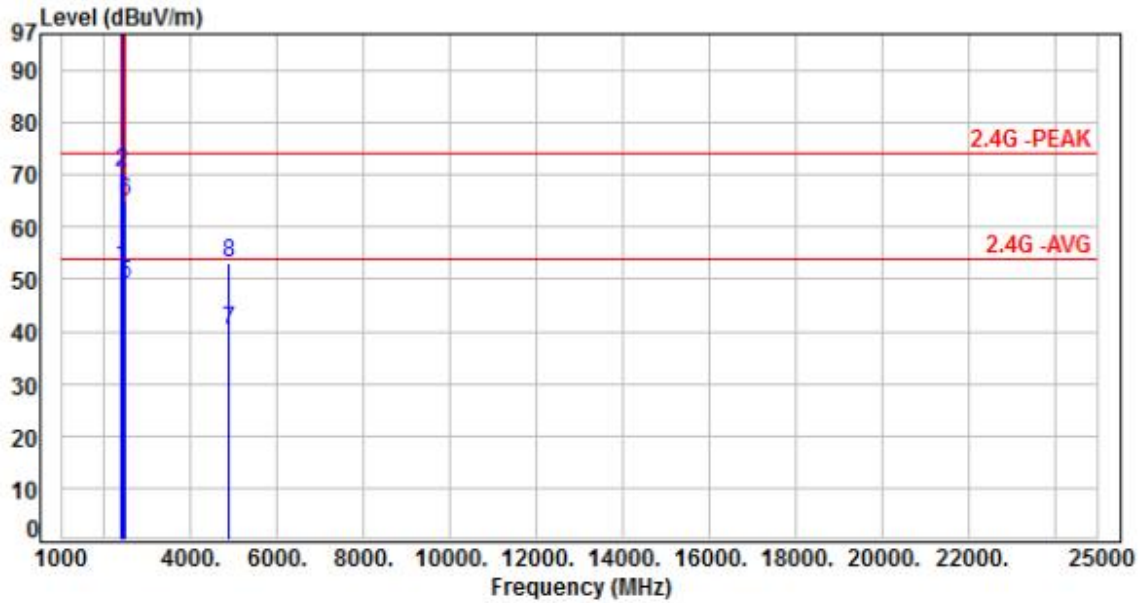


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	55.93	52.05	54.00	-1.95	Average	348	360	P
2	2390.00	-3.88	71.50	67.62	74.00	-6.38	Peak	348	360	P
3	2437.00	-3.94	116.07	112.13	200.00	-87.87	Average	348	360	P
4	2437.00	-3.94	128.46	124.52	200.00	-75.48	Peak	348	360	P
5	2483.50	-3.99	53.87	49.88	54.00	-4.12	Average	348	360	P
6	2483.50	-3.99	68.91	64.92	74.00	-9.08	Peak	348	360	P
7	4874.00	4.73	33.65	38.38	54.00	-15.62	Average	371	258	P
8	4874.00	4.73	46.53	51.26	74.00	-22.74	Peak	371	258	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, CH06		:

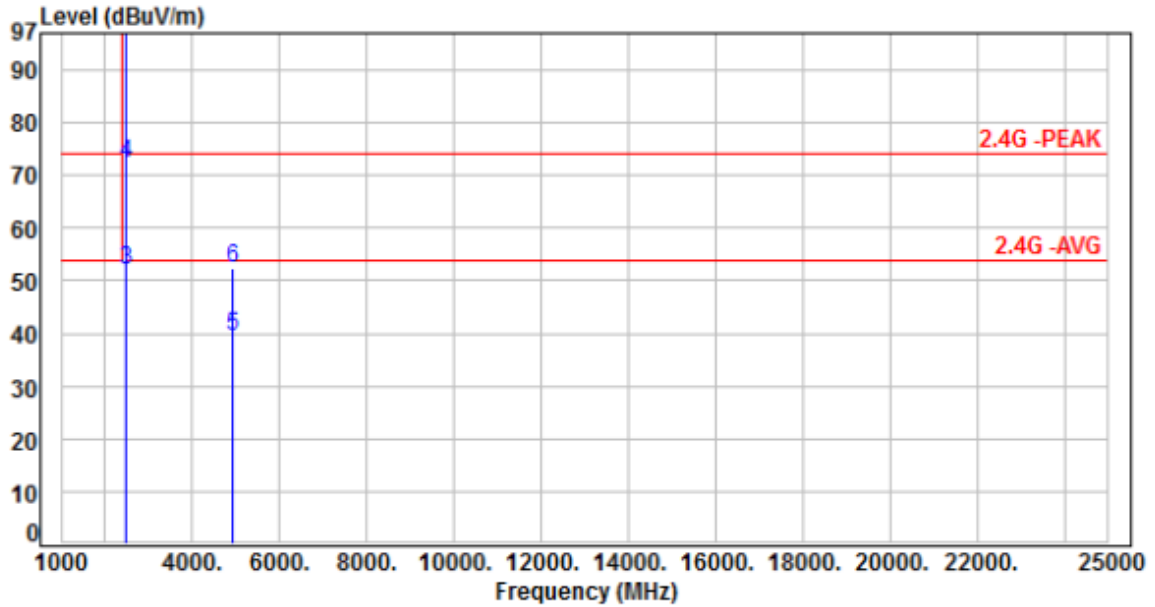


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.33	52.45	54.00	-1.55	Average	100	112	P
2	2390.00	-3.88	74.18	70.30	74.00	-3.70	Peak	100	112	P
3	2437.00	-3.94	113.99	110.05	200.00	-89.95	Average	100	112	P
4	2437.00	-3.94	126.68	122.74	200.00	-77.26	Peak	100	112	P
5	2483.50	-3.99	52.87	48.88	54.00	-5.12	Average	100	112	P
6	2483.50	-3.99	68.97	64.98	74.00	-9.02	Peak	100	112	P
7	4874.00	4.73	35.35	40.08	54.00	-13.92	Average	100	100	P
8	4874.00	4.73	48.43	53.16	74.00	-20.84	Peak	100	100	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, CH10		:

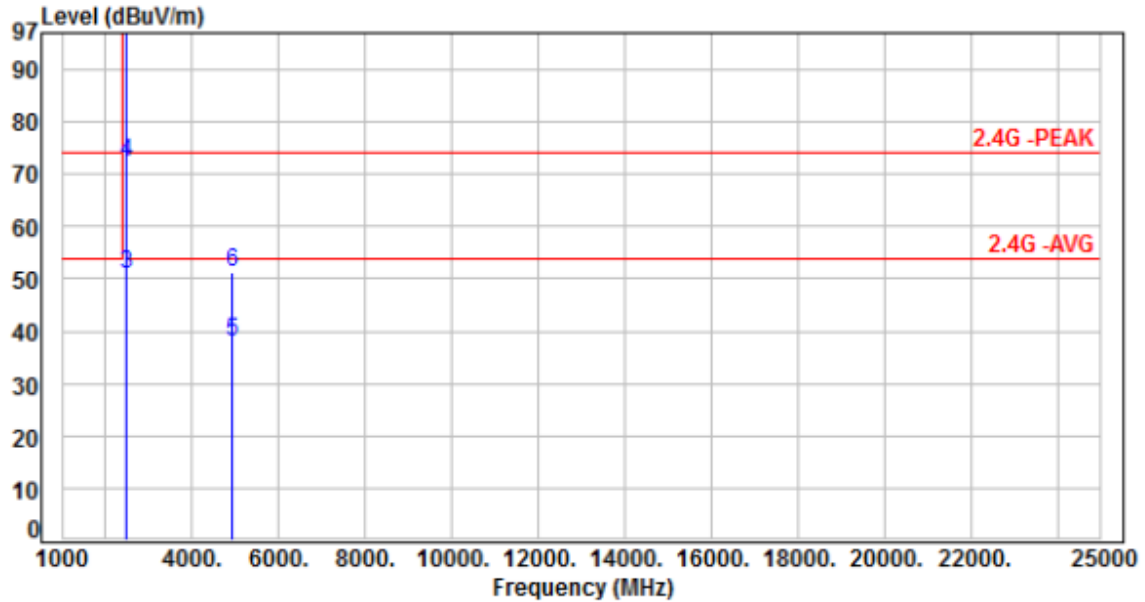


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	112.79	108.83	200.00	-91.17	Average	249	360	P
2	2457.00	-3.96	126.17	122.21	200.00	-77.79	Peak	249	360	P
3	2483.50	-3.99	55.96	51.97	54.00	-2.03	Average	249	360	P
4	2483.50	-3.99	76.12	72.13	74.00	-1.87	Peak	249	360	P
5	4914.00	4.91	34.61	39.52	54.00	-14.48	Average	392	121	P
6	4914.00	4.91	47.37	52.28	74.00	-21.72	Peak	392	121	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, CH10		:

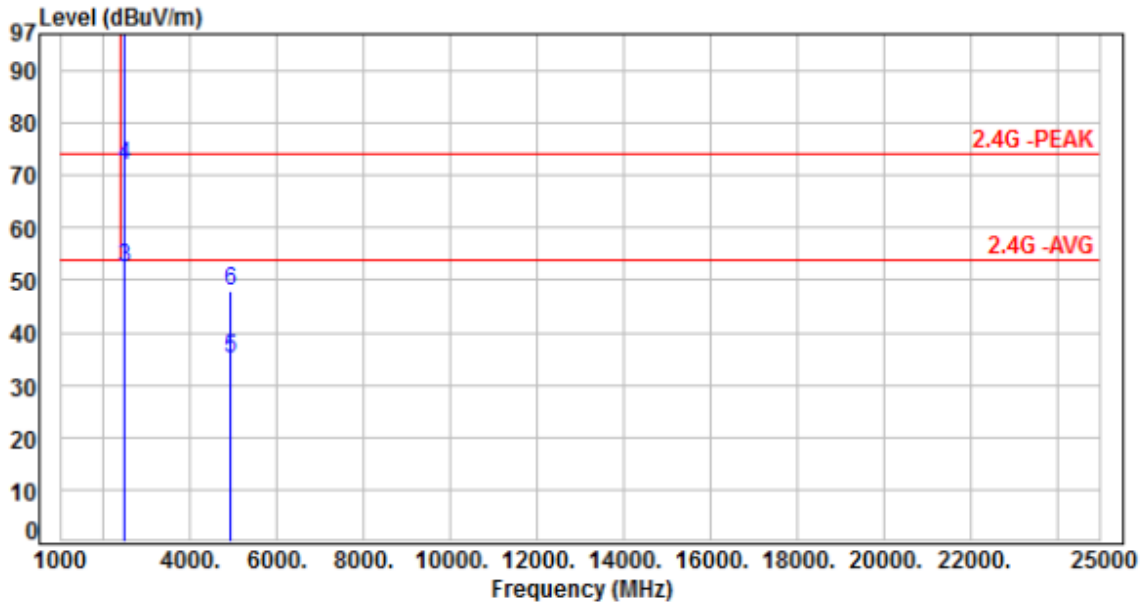


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-3.96	111.32	107.36	200.00	-92.64	Average	120	67	P
2	2457.00	-3.96	124.10	120.14	200.00	-79.86	Peak	120	67	P
3	2483.50	-3.99	54.86	50.87	54.00	-3.13	Average	120	67	P
4	2483.50	-3.99	76.34	72.35	74.00	-1.65	Peak	120	67	P
5	4914.00	4.91	32.99	37.90	54.00	-16.10	Average	100	100	P
6	4914.00	4.91	46.43	51.34	74.00	-22.66	Peak	100	100	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 3, CH11		:

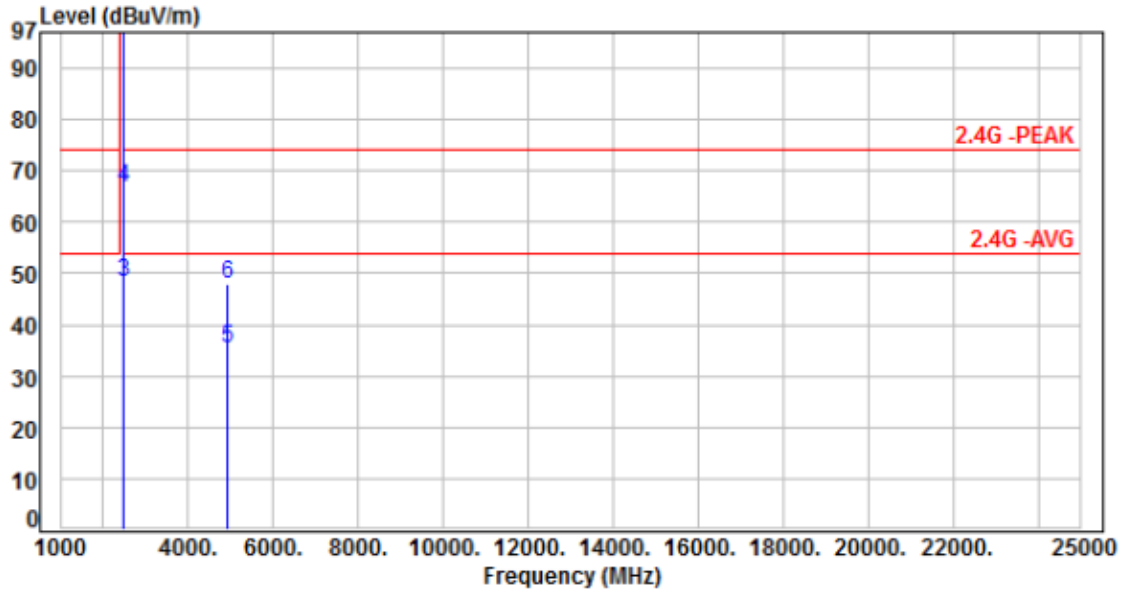


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	108.06	104.10	200.00	-95.90	Average	248	8	P
2	2462.00	-3.96	121.43	117.47	200.00	-82.53	Peak	248	8	P
3	2483.50	-3.99	56.27	52.28	54.00	-1.72	Average	248	8	P
4	2483.50	-3.99	76.04	72.05	74.00	-1.95	Peak	248	8	P
5	4924.00	4.94	30.13	35.07	54.00	-18.93	Average	364	120	P
6	4924.00	4.94	43.04	47.98	74.00	-26.02	Peak	364	120	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 3, CH11		:

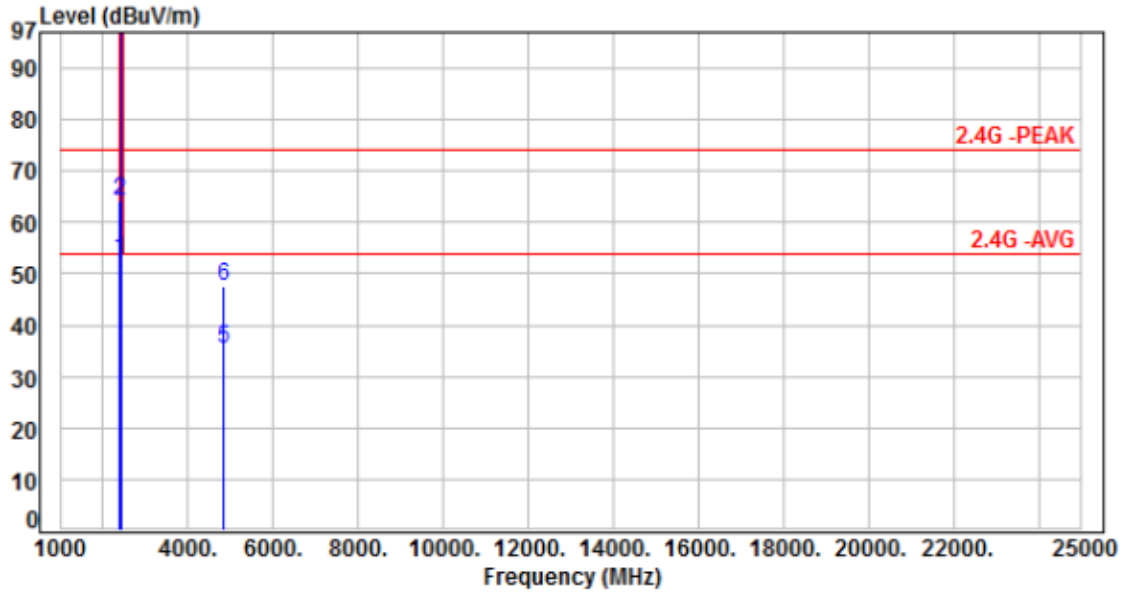


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-3.96	106.29	102.33	200.00	-97.67	Average	100	64	P
2	2462.00	-3.96	119.61	115.65	200.00	-84.35	Peak	100	64	P
3	2483.50	-3.99	52.35	48.36	54.00	-5.64	Average	100	64	P
4	2483.50	-3.99	70.87	66.88	74.00	-7.12	Peak	100	64	P
5	4924.00	4.94	30.46	35.40	54.00	-18.60	Average	100	98	P
6	4924.00	4.94	42.89	47.83	74.00	-26.17	Peak	100	98	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH03		:

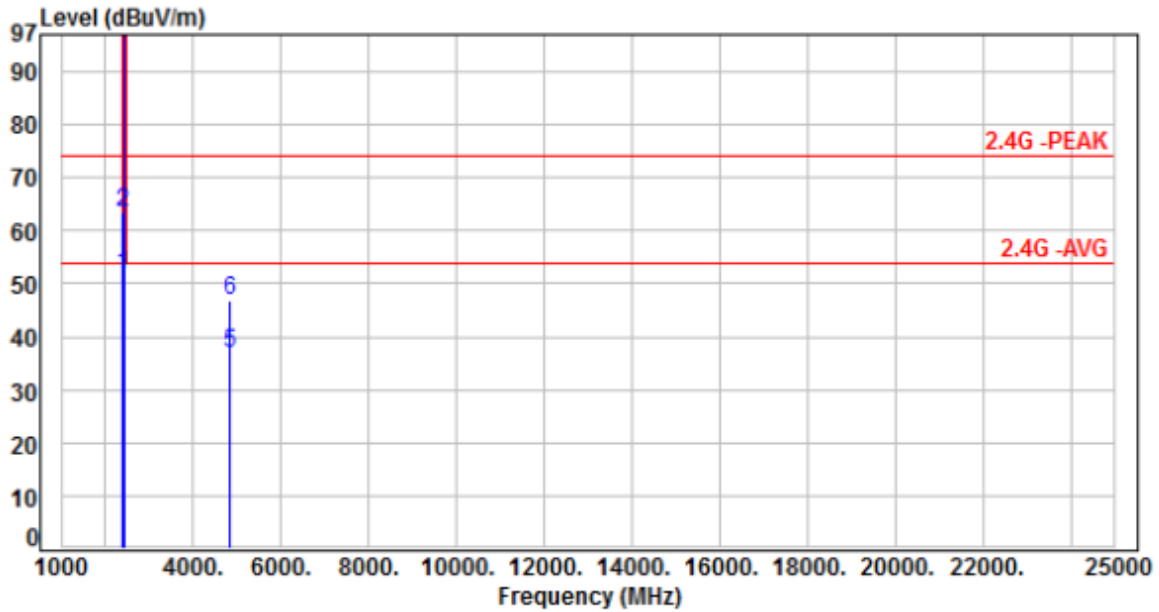


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.54	52.66	54.00	-1.34	Average	349	360	P
2	2390.00	-3.88	68.07	64.19	74.00	-9.81	Peak	349	360	P
3	2422.00	-3.93	105.08	101.15	200.00	-98.85	Average	349	360	P
4	2422.00	-3.93	116.77	112.84	200.00	-87.16	Peak	349	360	P
5	4844.00	4.58	30.75	35.33	54.00	-18.67	Average	112	100	P
6	4844.00	4.58	43.06	47.64	74.00	-26.36	Peak	112	100	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH03		:

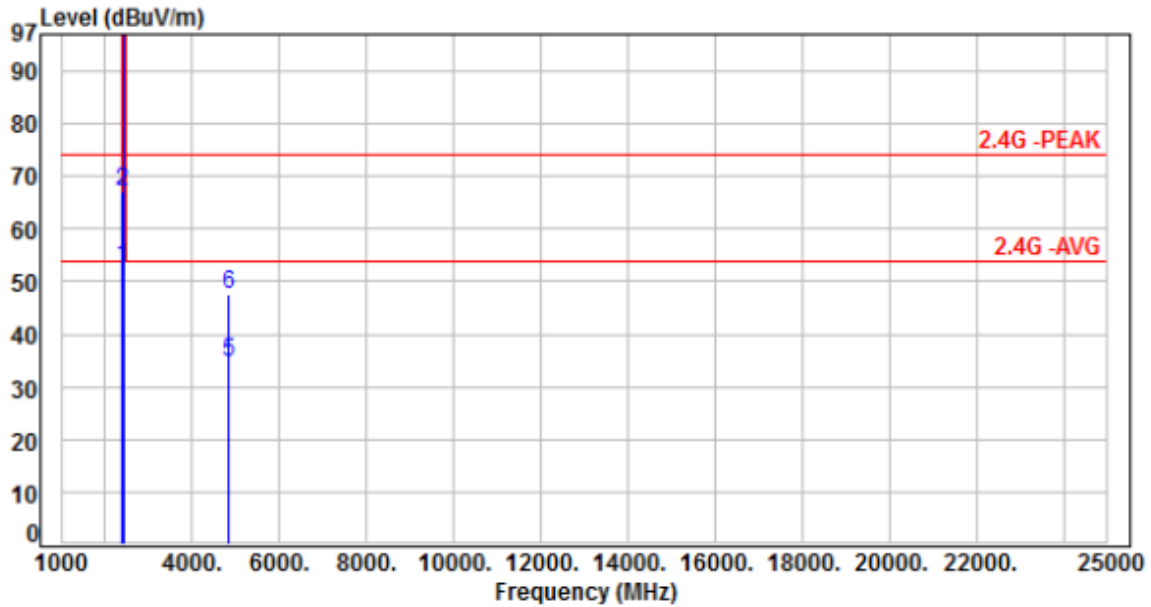


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	55.41	51.53	54.00	-2.47	Average	100	114	P
2	2390.00	-3.88	67.50	63.62	74.00	-10.38	Peak	100	114	P
3	2422.00	-3.93	103.21	99.28	200.00	-100.72	Average	100	114	P
4	2422.00	-3.93	115.57	111.64	200.00	-88.36	Peak	100	114	P
5	4844.00	4.58	32.46	37.04	54.00	-16.96	Average	100	184	P
6	4844.00	4.58	42.39	46.97	74.00	-27.03	Peak	100	184	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH04		:

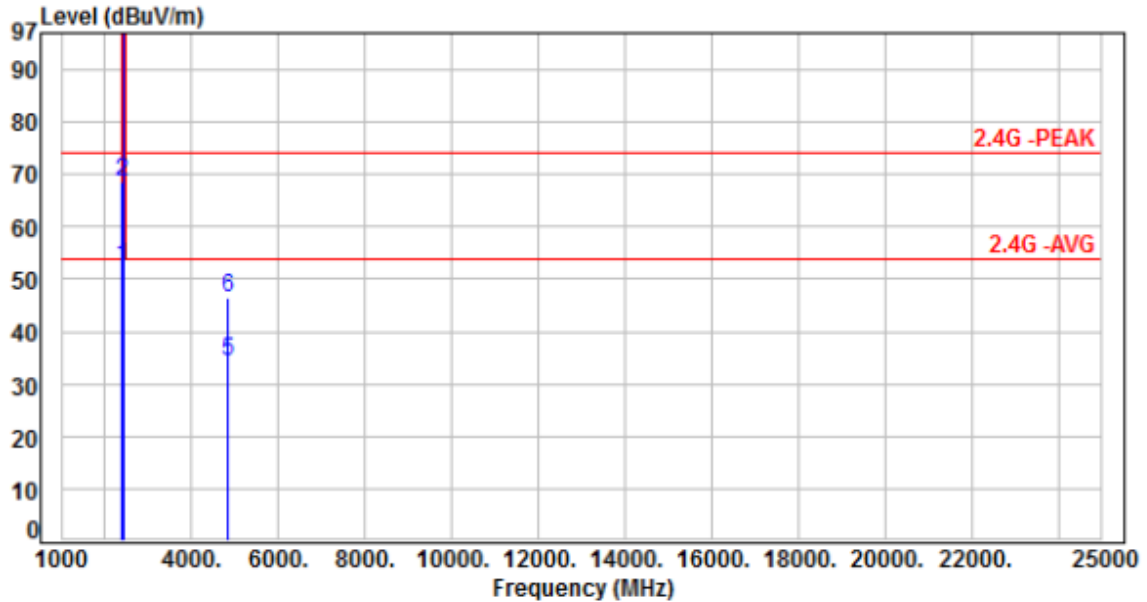


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.54	52.66	54.00	-1.34	Average	240	92	P
2	2390.00	-3.88	70.99	67.11	74.00	-6.89	Peak	240	92	P
3	2427.00	-3.93	105.01	101.08	200.00	-98.92	Average	240	92	P
4	2427.00	-3.93	117.77	113.84	200.00	-86.16	Peak	240	92	P
5	4854.00	4.63	30.08	34.71	54.00	-19.29	Average	400	119	P
6	4854.00	4.63	43.05	47.68	74.00	-26.32	Peak	400	119	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH04		:

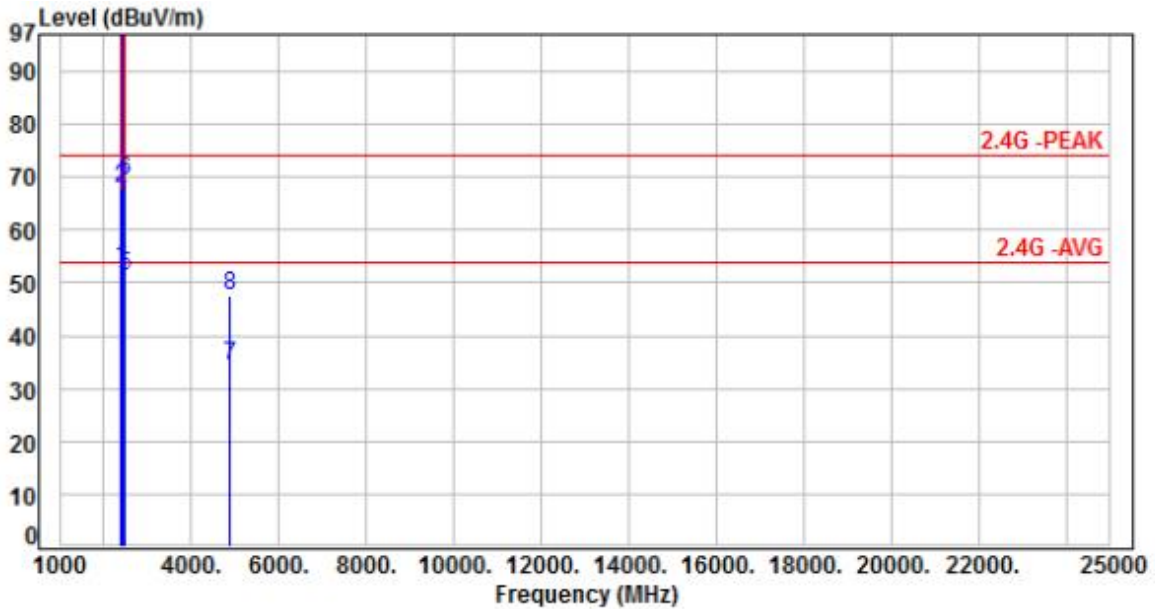


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.29	52.41	54.00	-1.59	Average	120	69	P
2	2390.00	-3.88	72.60	68.72	74.00	-5.28	Peak	120	69	P
3	2427.00	-3.93	103.90	99.97	200.00	-100.03	Average	120	69	P
4	2427.00	-3.93	117.13	113.20	200.00	-86.80	Peak	120	69	P
5	4854.00	4.63	29.60	34.23	54.00	-19.77	Average	233	110	P
6	4854.00	4.63	41.85	46.48	74.00	-27.52	Peak	233	110	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH06		:

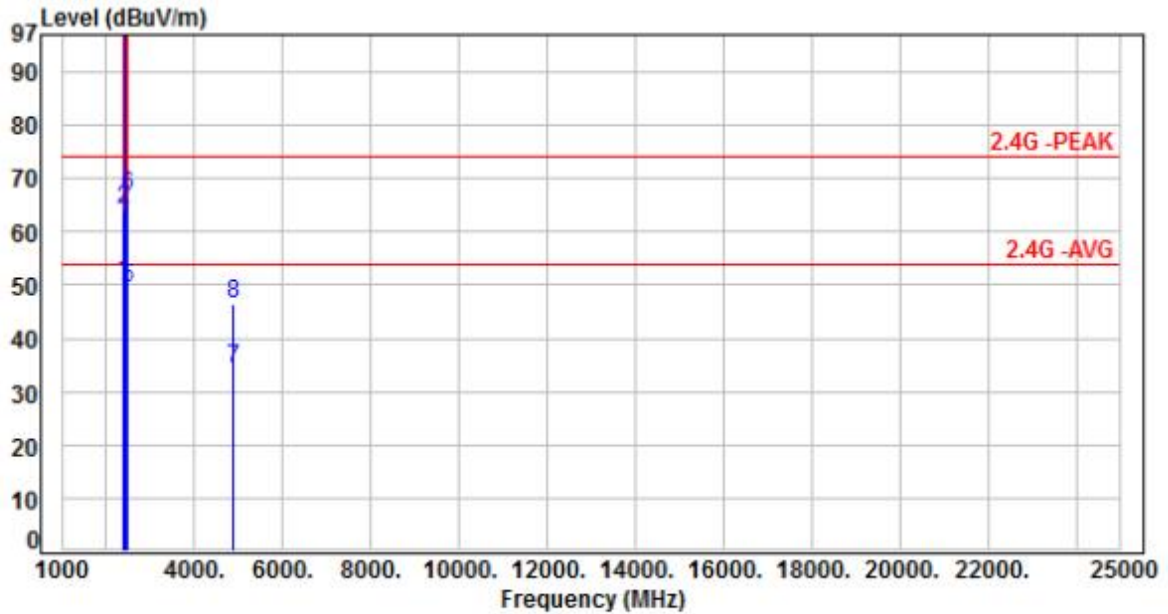


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	56.68	52.80	54.00	-1.20	Average	201	63	P
2	2390.00	-3.88	71.79	67.91	74.00	-6.09	Peak	201	63	P
3	2437.00	-3.94	106.89	102.95	200.00	-97.05	Average	201	63	P
4	2437.00	-3.94	119.42	115.48	200.00	-84.52	Peak	201	63	P
5	2483.50	-3.99	55.24	51.25	54.00	-2.75	Average	201	63	P
6	2483.50	-3.99	73.37	69.38	74.00	-4.62	Peak	201	63	P
7	4874.00	4.73	29.54	34.27	54.00	-19.73	Average	400	122	P
8	4874.00	4.73	42.80	47.53	74.00	-26.47	Peak	400	122	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH06		:

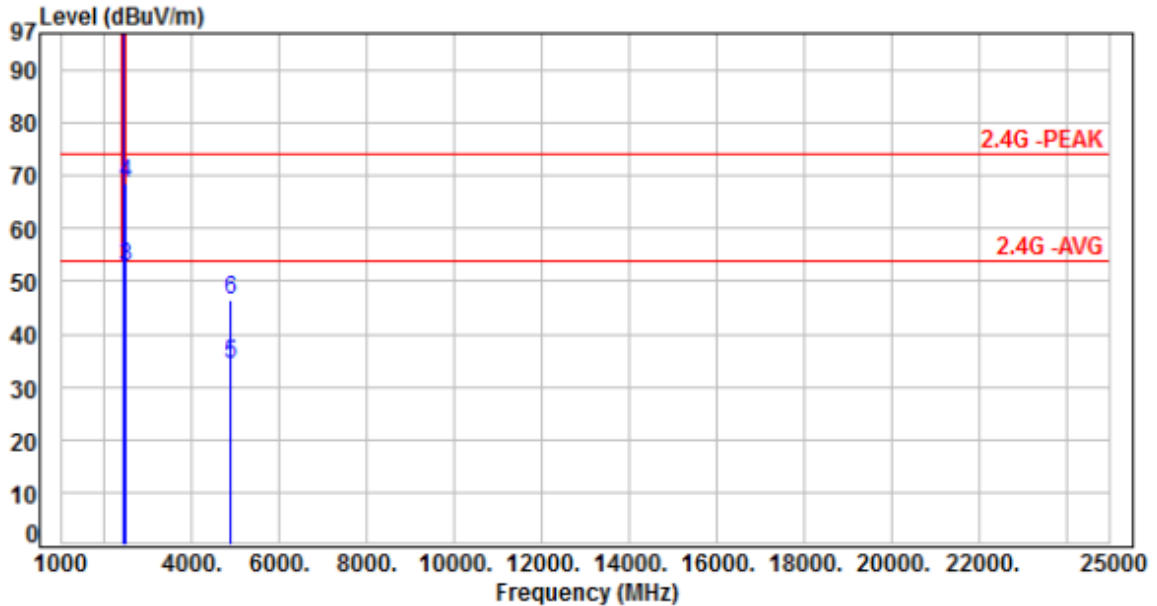


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.88	54.32	50.44	54.00	-3.56	Average	110	71	P
2	2390.00	-3.88	67.96	64.08	74.00	-9.92	Peak	110	71	P
3	2437.00	-3.94	105.28	101.34	200.00	-98.66	Average	110	71	P
4	2437.00	-3.94	118.22	114.28	200.00	-85.72	Peak	110	71	P
5	2483.50	-3.99	53.24	49.25	54.00	-4.75	Average	110	71	P
6	2483.50	-3.99	70.80	66.81	74.00	-7.19	Peak	110	71	P
7	4874.00	4.73	29.63	34.36	54.00	-19.64	Average	254	114	P
8	4874.00	4.73	41.85	46.58	74.00	-27.42	Peak	254	114	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH08		:

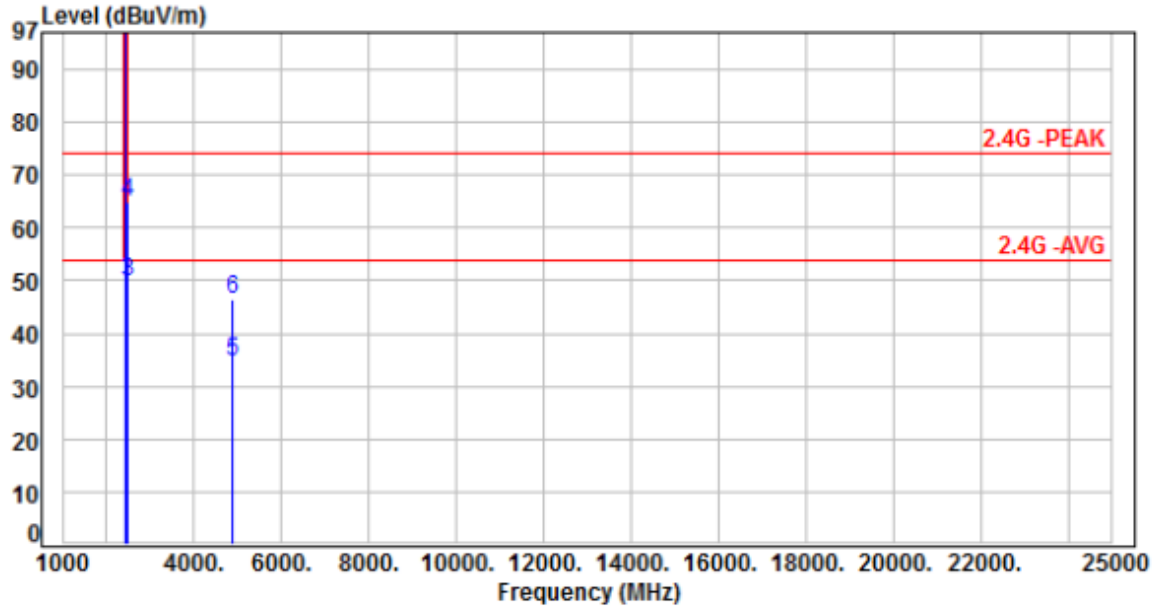


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2447.00	-3.95	104.10	100.15	200.00	-99.85	Average	173	65	P
2	2447.00	-3.95	117.30	113.35	200.00	-86.65	Peak	173	65	P
3	2483.50	-3.99	56.63	52.64	54.00	-1.36	Average	173	65	P
4	2483.50	-3.99	72.41	68.42	74.00	-5.58	Peak	173	65	P
5	4894.00	4.84	29.31	34.15	54.00	-19.85	Average	396	123	P
6	4894.00	4.84	41.79	46.63	74.00	-27.37	Peak	396	123	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH08		:

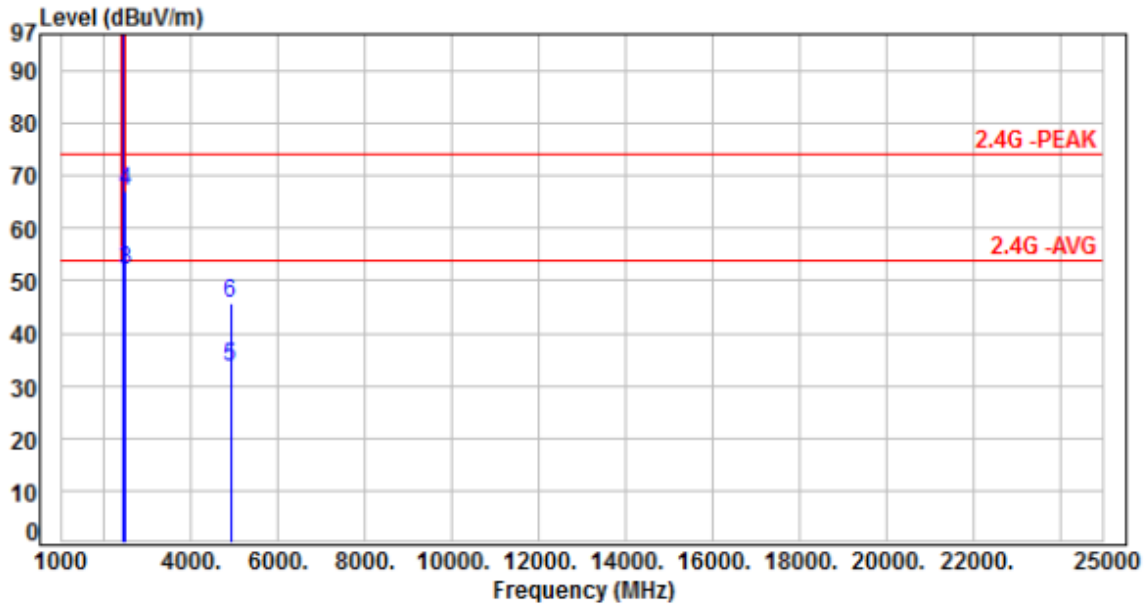


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2447.00	-3.95	103.15	99.20	200.00	-100.80	Average	100	99	P
2	2447.00	-3.95	115.01	111.06	200.00	-88.94	Peak	100	99	P
3	2483.50	-3.99	53.73	49.74	54.00	-4.26	Average	100	99	P
4	2483.50	-3.99	68.74	64.75	74.00	-9.25	Peak	100	99	P
5	4894.00	4.84	29.68	34.52	54.00	-19.48	Average	244	111	P
6	4894.00	4.84	41.45	46.29	74.00	-27.71	Peak	244	111	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 4, CH09		:

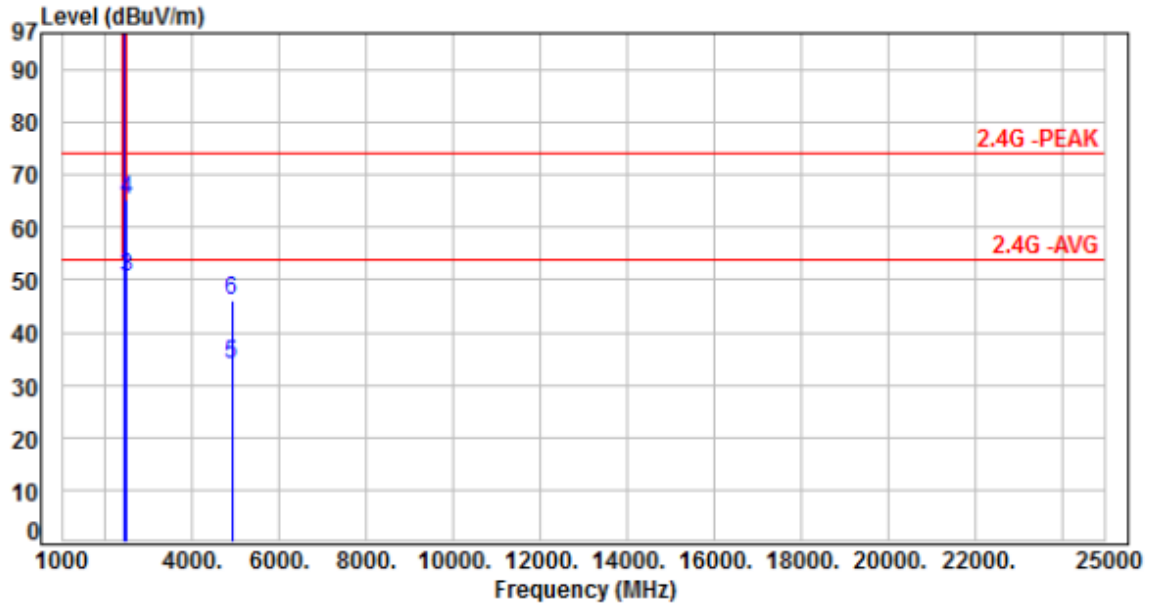


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-3.95	103.26	99.31	200.00	-100.69	Average	177	73	P
2	2452.00	-3.95	115.57	111.62	200.00	-88.38	Peak	177	73	P
3	2483.50	-3.99	56.15	52.16	54.00	-1.84	Average	177	73	P
4	2483.50	-3.99	71.04	67.05	74.00	-6.95	Peak	177	73	P
5	4904.00	4.88	28.67	33.55	54.00	-20.45	Average	392	129	P
6	4904.00	4.88	40.91	45.79	74.00	-28.21	Peak	392	129	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 4, CH09		:

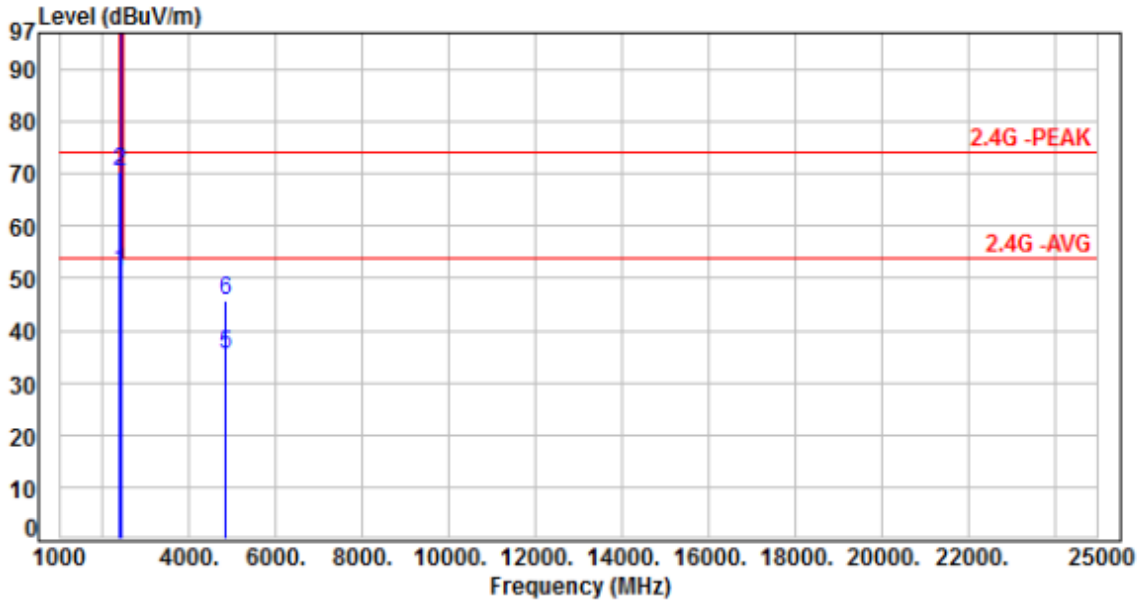


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2452.00	-3.95	102.16	98.21	200.00	-101.79	Average	180	98	P
2	2452.00	-3.95	114.60	110.65	200.00	-89.35	Peak	180	98	P
3	2483.50	-3.99	54.39	50.40	54.00	-3.60	Average	180	98	P
4	2483.50	-3.99	69.38	65.39	74.00	-8.61	Peak	180	98	P
5	4904.00	4.88	29.09	33.97	54.00	-20.03	Average	229	107	P
6	4904.00	4.88	41.36	46.24	74.00	-27.76	Peak	229	107	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH01		:

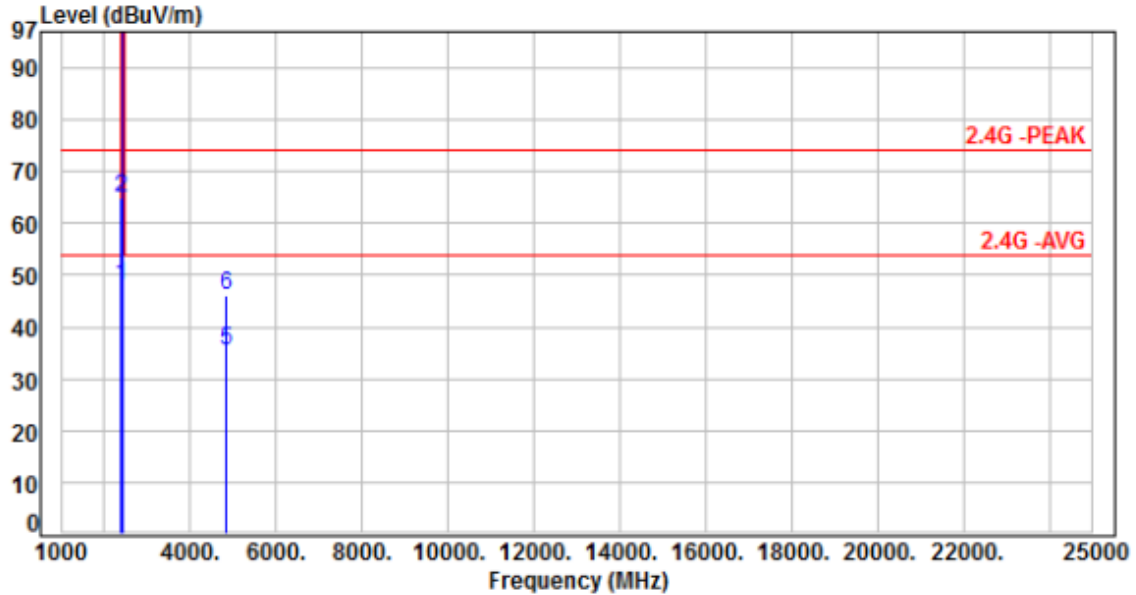


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	54.33	51.11	54.00	-2.89	Average	133	61	P
2	2390.00	-3.22	73.80	70.58	74.00	-3.42	Peak	133	61	P
3	2412.00	-3.18	109.12	105.94	200.00	-94.06	Average	133	61	P
4	2412.00	-3.18	122.00	118.82	200.00	-81.18	Peak	133	61	P
5	4824.00	5.28	30.12	35.40	54.00	-18.60	Average	100	90	P
6	4824.00	5.28	40.58	45.86	74.00	-28.14	Peak	100	90	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH01		:

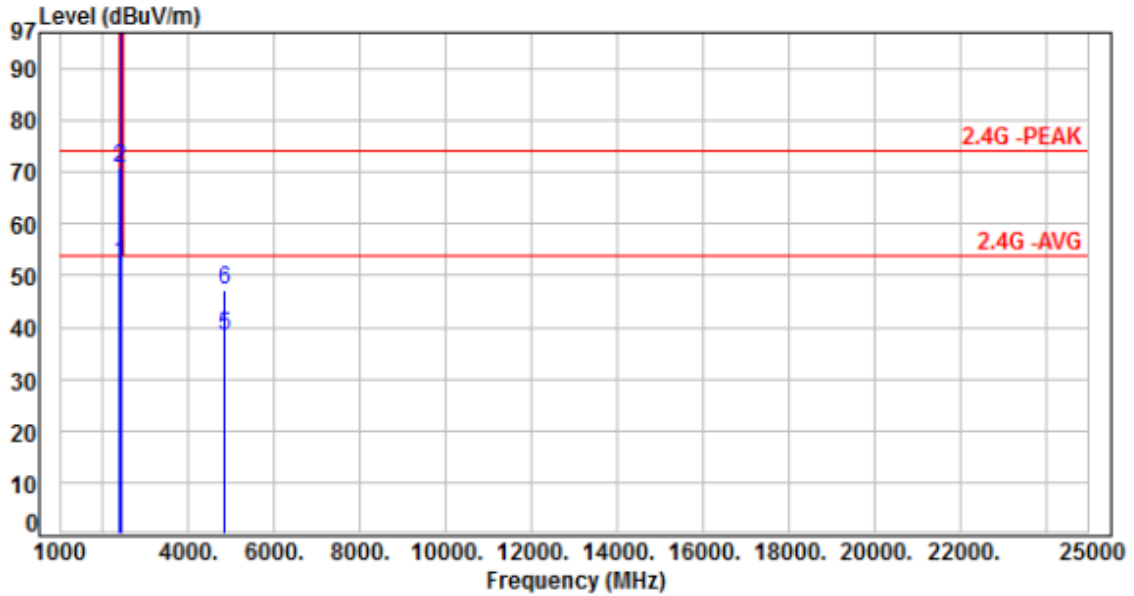


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	51.03	47.81	54.00	-6.19	Average	156	281	P
2	2390.00	-3.22	68.02	64.80	74.00	-9.20	Peak	156	281	P
3	2412.00	-3.18	107.66	104.48	200.00	-95.52	Average	156	281	P
4	2412.00	-3.18	120.83	117.65	200.00	-82.35	Peak	156	281	P
5	4824.00	5.28	29.99	35.27	54.00	-18.73	Average	100	180	P
6	4824.00	5.28	40.88	46.16	74.00	-27.84	Peak	100	180	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH02		:

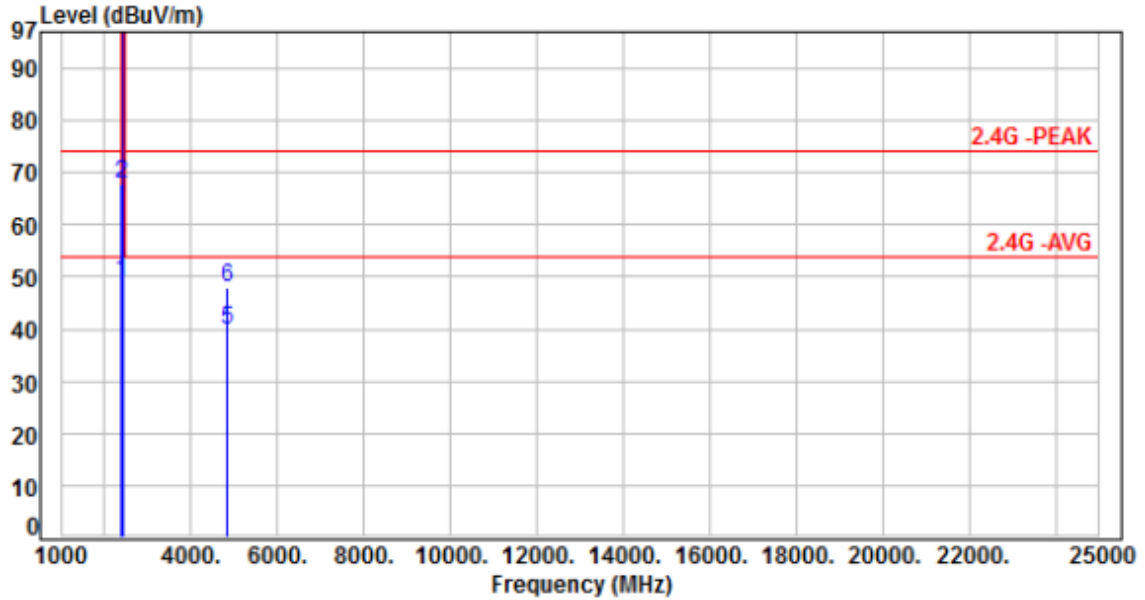


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	55.43	52.21	54.00	-1.79	Average	108	66	P
2	2390.00	-3.22	74.01	70.79	74.00	-3.21	Peak	108	66	P
3	2417.00	-3.08	111.44	108.36	200.00	-91.64	Average	108	66	P
4	2417.00	-3.08	124.87	121.79	200.00	-78.21	Peak	108	66	P
5	4834.00	5.33	33.13	38.46	54.00	-15.54	Average	100	109	P
6	4834.00	5.33	41.99	47.32	74.00	-26.68	Peak	100	109	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH02		:

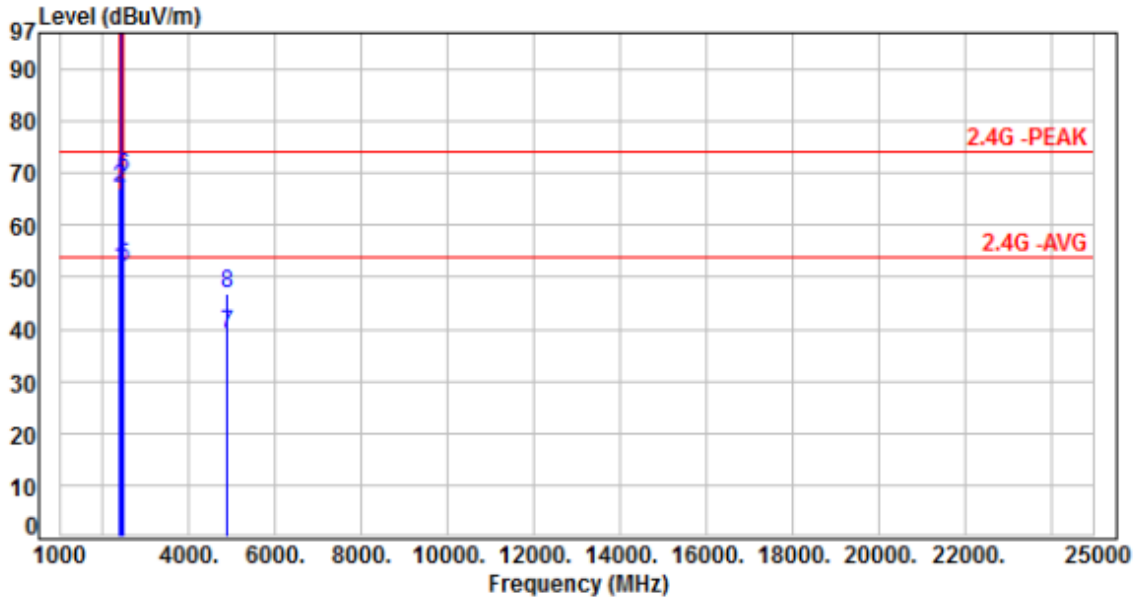


No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	52.22	49.00	54.00	-5.00	Average	100	257	P
2	2390.00	-3.22	71.13	67.91	74.00	-6.09	Peak	100	257	P
3	2417.00	-3.08	110.94	107.86	200.00	-92.14	Average	100	257	P
4	2417.00	-3.08	120.91	117.83	200.00	-82.17	Peak	100	257	P
5	4834.00	5.33	34.40	39.73	54.00	-14.27	Average	100	224	P
6	4834.00	5.33	42.70	48.03	74.00	-25.97	Peak	100	224	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH06		:

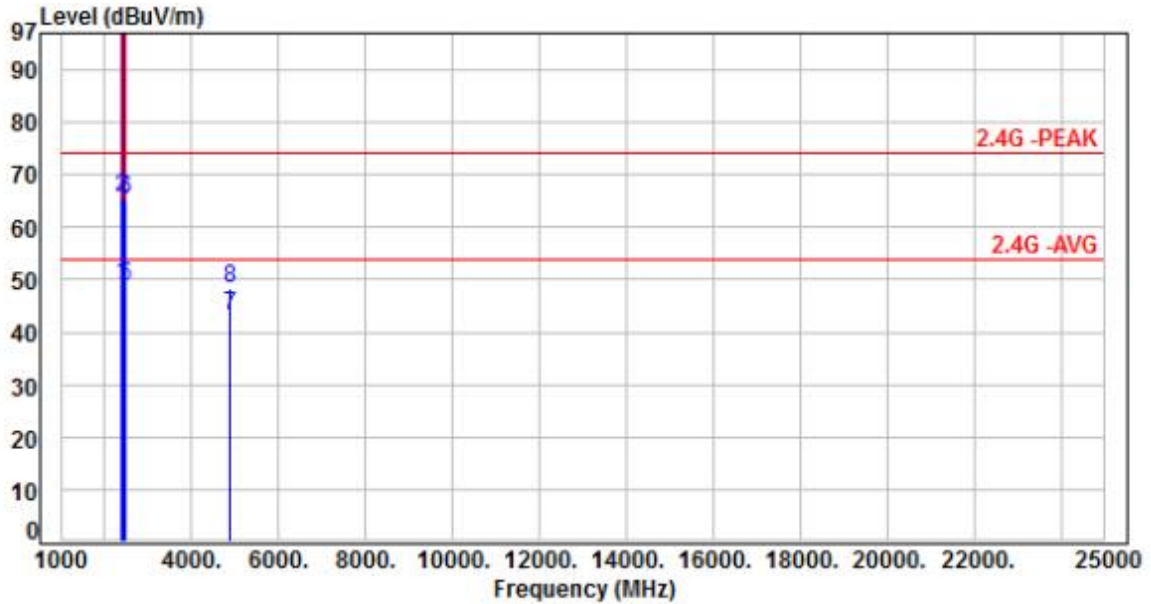


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	54.71	51.49	54.00	-2.51	Average	100	3	P
2	2390.00	-3.22	70.48	67.26	74.00	-6.74	Peak	100	3	P
3	2437.00	-2.70	113.36	110.66	200.00	-89.34	Average	100	3	P
4	2437.00	-2.70	125.55	122.85	200.00	-77.15	Peak	100	3	P
5	2483.50	-2.35	54.40	52.05	54.00	-1.95	Average	100	3	P
6	2483.50	-2.35	71.79	69.44	74.00	-4.56	Peak	100	3	P
7	4874.00	5.48	33.71	39.19	54.00	-14.81	Average	100	256	P
8	4874.00	5.48	41.39	46.87	74.00	-27.13	Peak	100	256	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH06		:

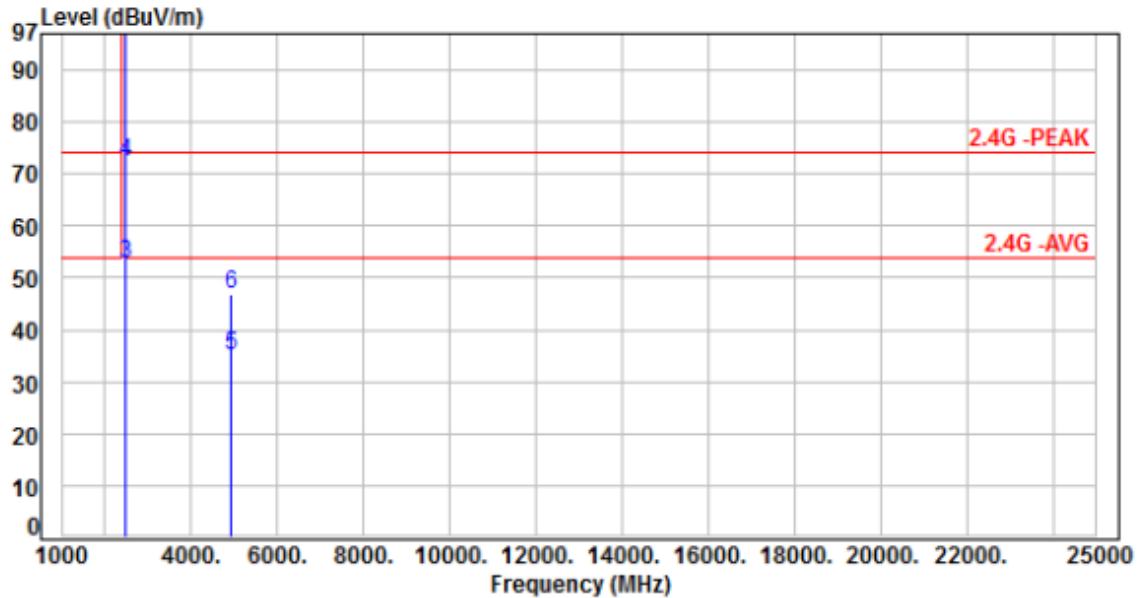


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	52.30	49.08	54.00	-4.92	Average	120	270	P
2	2390.00	-3.22	68.92	65.70	74.00	-8.30	Peak	120	270	P
3	2437.00	-2.70	114.60	111.90	200.00	-88.10	Average	120	270	P
4	2437.00	-2.70	126.09	123.39	200.00	-76.61	Peak	120	270	P
5	2483.50	-2.35	50.99	48.64	54.00	-5.36	Average	120	270	P
6	2483.50	-2.35	67.50	65.15	74.00	-8.85	Peak	120	270	P
7	4874.00	5.48	37.49	42.97	54.00	-11.03	Average	100	184	P
8	4874.00	5.48	42.84	48.32	74.00	-25.68	Peak	100	184	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH10		:

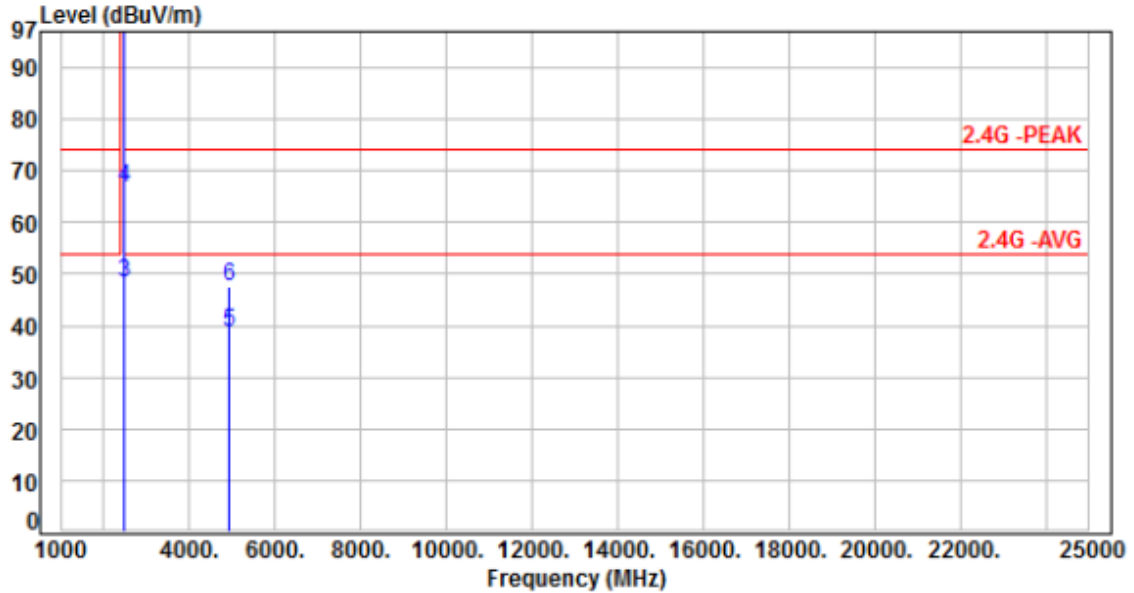


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-2.44	113.99	111.55	200.00	-88.45	Average	152	77	P
2	2457.00	-2.44	126.65	124.21	200.00	-75.79	Peak	152	77	P
3	2483.50	-2.35	55.14	52.79	54.00	-1.21	Average	152	77	P
4	2483.50	-2.35	74.81	72.46	74.00	-1.54	Peak	152	77	P
5	4914.00	5.58	29.43	35.01	54.00	-18.99	Average	100	256	P
6	4914.00	5.58	41.10	46.68	74.00	-27.32	Peak	100	256	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH10		:

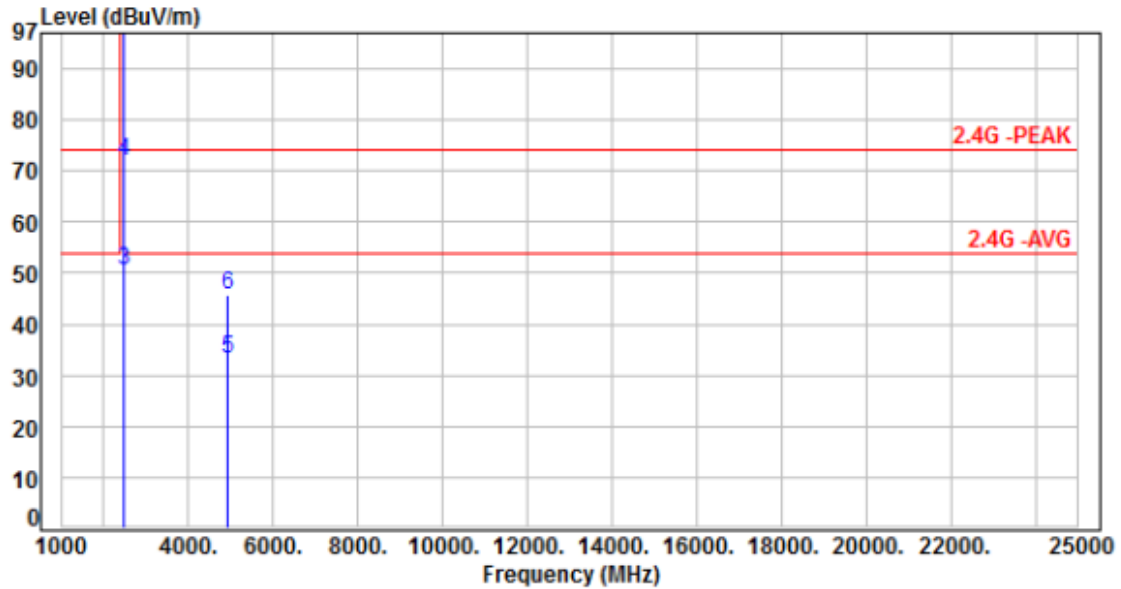


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2457.00	-2.44	109.94	107.50	200.00	-92.50	Average	100	309	P
2	2457.00	-2.44	116.84	114.40	200.00	-85.60	Peak	100	309	P
3	2483.50	-2.35	50.62	48.27	54.00	-5.73	Average	100	309	P
4	2483.50	-2.35	69.14	66.79	74.00	-7.21	Peak	100	309	P
5	4914.00	5.58	33.06	38.64	54.00	-15.36	Average	100	194	P
6	4914.00	5.58	41.90	47.48	74.00	-26.52	Peak	100	194	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 5, CH11		:

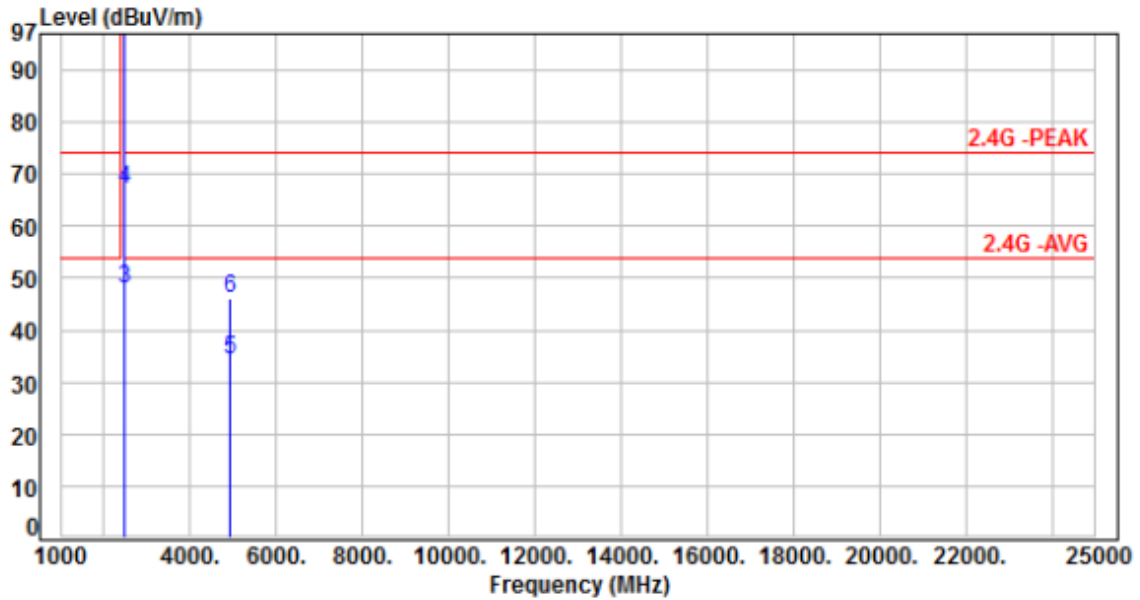


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.42	109.47	107.05	200.00	-92.95	Average	108	83	P
2	2462.00	-2.42	122.01	119.59	200.00	-80.41	Peak	108	83	P
3	2483.50	-2.35	53.05	50.70	54.00	-3.30	Average	108	83	P
4	2483.50	-2.35	74.42	72.07	74.00	-1.93	Peak	108	83	P
5	4924.00	5.59	27.66	33.25	54.00	-20.75	Average	100	256	P
6	4924.00	5.59	40.25	45.84	74.00	-28.16	Peak	100	256	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 5, CH11		:

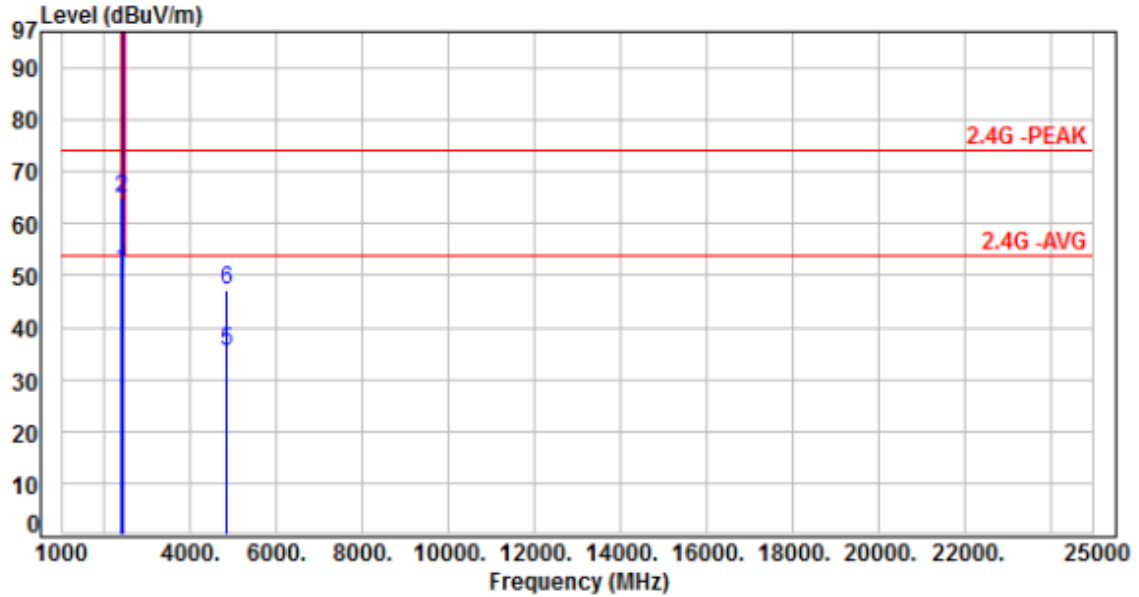


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.00	-2.42	106.69	104.27	200.00	-95.73	Average	100	57	P
2	2462.00	-2.42	113.69	111.27	200.00	-88.73	Peak	100	57	P
3	2483.50	-2.35	50.13	47.78	54.00	-6.22	Average	100	57	P
4	2483.50	-2.35	69.48	67.13	74.00	-6.87	Peak	100	57	P
5	4924.00	5.59	28.89	34.48	54.00	-19.52	Average	100	226	P
6	4924.00	5.59	40.62	46.21	74.00	-27.79	Peak	100	226	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, CH03		:

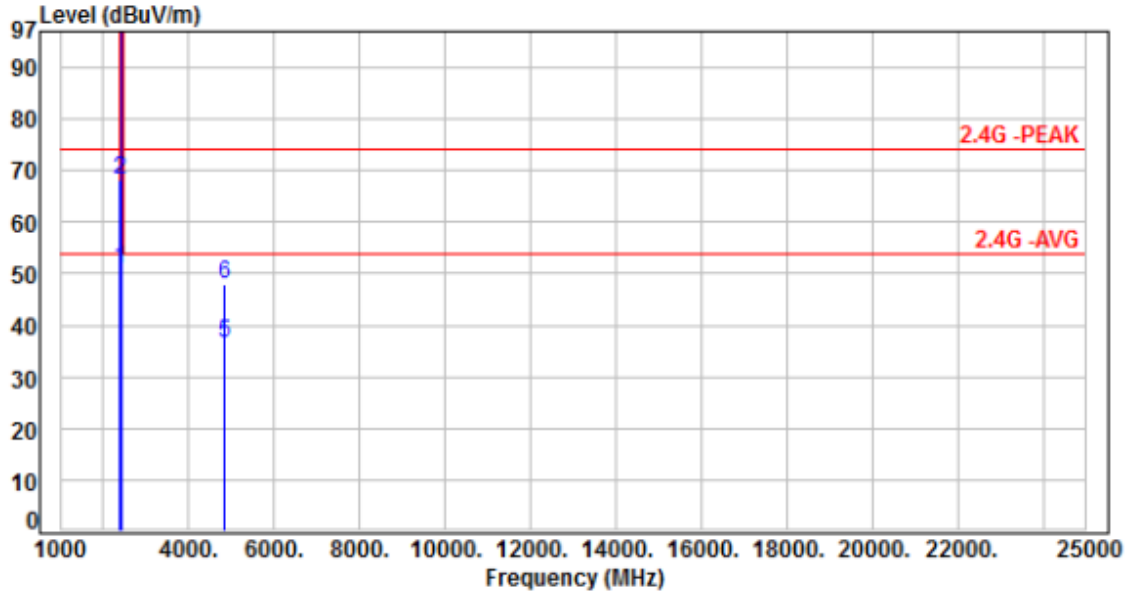


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	54.08	50.86	54.00	-3.14	Average	100	321	P
2	2390.00	-3.22	68.22	65.00	74.00	-9.00	Peak	100	321	P
3	2422.00	-2.99	103.83	100.84	200.00	-99.16	Average	100	321	P
4	2422.00	-2.99	116.40	113.41	200.00	-86.59	Peak	100	321	P
5	4844.00	5.38	29.86	35.24	54.00	-18.76	Average	210	85	P
6	4844.00	5.38	41.70	47.08	74.00	-26.92	Peak	210	85	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, CH03		:

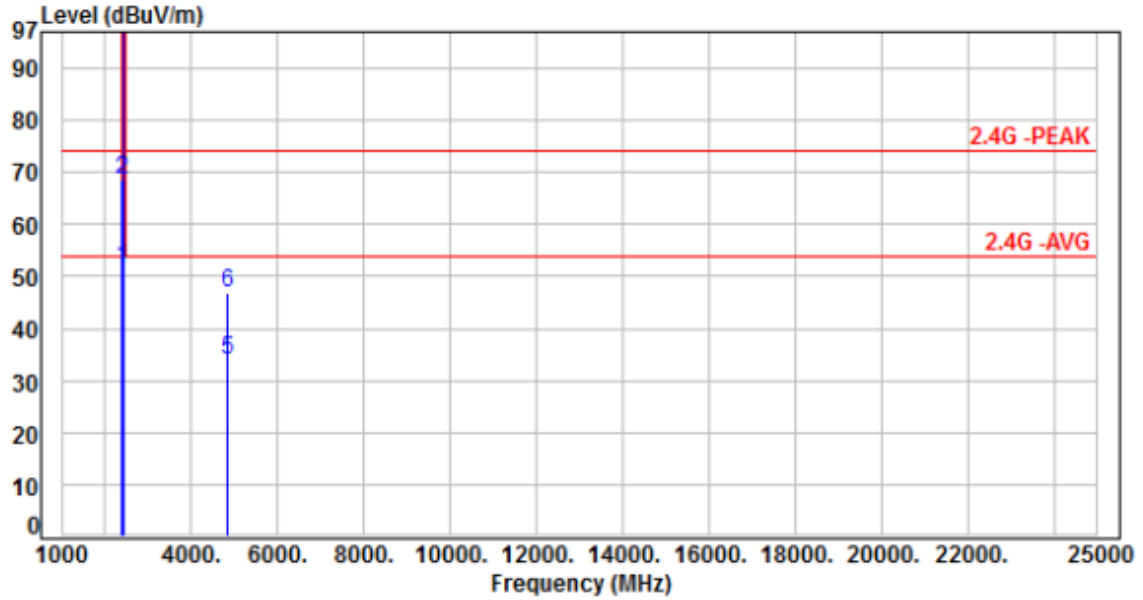


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	54.05	50.83	54.00	-3.17	Average	189	94	P
2	2390.00	-3.22	71.54	68.32	74.00	-5.68	Peak	189	94	P
3	2422.00	-2.99	107.07	104.08	200.00	-95.92	Average	189	94	P
4	2422.00	-2.99	120.09	117.10	200.00	-82.90	Peak	189	94	P
5	4844.00	5.38	31.24	36.62	54.00	-17.38	Average	100	180	P
6	4844.00	5.38	42.56	47.94	74.00	-26.06	Peak	100	180	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, CH04		:

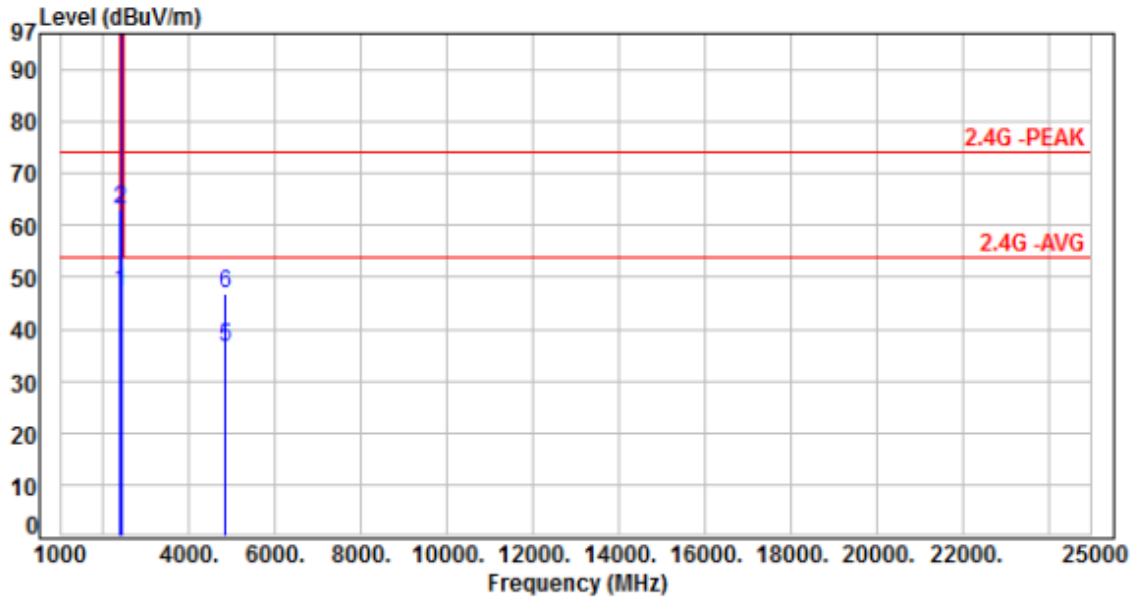


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	55.00	51.78	54.00	-2.22	Average	100	29	P
2	2390.00	-3.22	71.78	68.56	74.00	-5.44	Peak	100	29	P
3	2427.00	-2.89	104.66	101.77	200.00	-98.23	Average	100	29	P
4	2427.00	-2.89	117.75	114.86	200.00	-85.14	Peak	100	29	P
5	4854.00	5.42	28.59	34.01	54.00	-19.99	Average	100	89	P
6	4854.00	5.42	41.47	46.89	74.00	-27.11	Peak	100	89	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: HORIZONTAL
Test Mode	: Mode 6, CH04		:

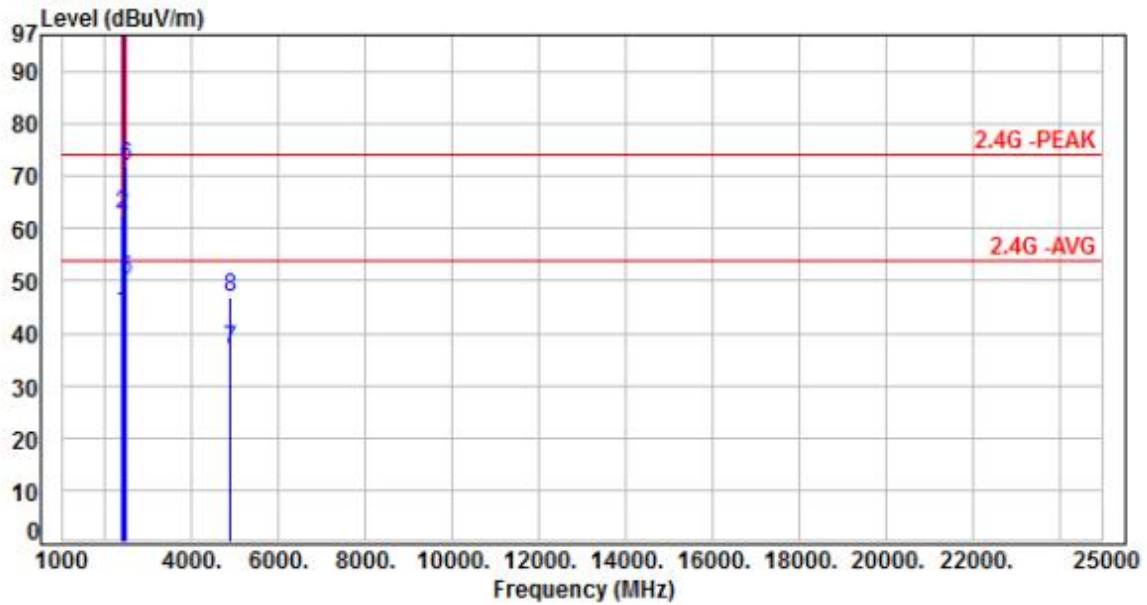


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	50.52	47.30	54.00	-6.70	Average	100	115	P
2	2390.00	-3.22	66.21	62.99	74.00	-11.01	Peak	100	115	P
3	2427.00	-2.89	105.47	102.58	200.00	-97.42	Average	100	115	P
4	2427.00	-2.89	113.94	111.05	200.00	-88.95	Peak	100	115	P
5	4854.00	5.42	31.01	36.43	54.00	-17.57	Average	100	192	P
6	4854.00	5.42	41.31	46.73	74.00	-27.27	Peak	100	192	P

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



Power	: AC 120V / 60Hz	Pol/Phase	: VERTICAL
Test Mode	: Mode 6, CH06		:



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2390.00	-3.22	47.23	44.01	54.00	-9.99	Average	100	31	P
2	2390.00	-3.22	65.98	62.76	74.00	-11.24	Peak	100	31	P
3	2437.00	-2.70	98.36	95.66	200.00	-104.34	Average	100	31	P
4	2437.00	-2.70	111.03	108.33	200.00	-91.67	Peak	100	31	P
5	2483.50	-2.35	52.34	49.99	54.00	-4.01	Average	100	31	P
6	2483.50	-2.35	74.23	71.88	74.00	-2.12	Peak	100	31	P
7	4874.00	5.48	31.28	36.76	54.00	-17.24	Average	100	129	P
8	4874.00	5.48	41.49	46.97	74.00	-27.03	Peak	100	129	P

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