



FCC RADIO TEST REPORT

Applicant : ELO TOUCH SOLUTIONS, INC.

Address : 670 N. McCarthy Blvd., Suite 100 Milpitas, CA
95035 USA

Equipment : Touch All-in-One Computer

Model No. : ESY15I1E

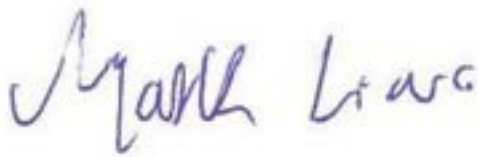
Trade Name : Elo or 

FCC ID : RBWESYQC5PAY

I HEREBY CERTIFY THAT :

The sample was received on Nov. 24, 2025 and the testing was completed on Jan. 31, 2026 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





Contents

1. Summary of Test Procedure and Test Results	5
1.1 Applicable Standards	5
2. Test Configuration of Equipment under Test	6
2.1 Feature of Equipment under Test	6
2.2 Carrier Frequency of Channels	9
2.3 Test Mode and Test Software	10
2.4 Description of Test System	13
2.5 General Information of Test	14
2.6 Measurement Uncertainty	15
3. Test Equipment and Ancillaries Used for Tests	16
4. Antenna Requirements	19
4.1 Standard Applicable	19
4.2 Antenna Construction and Directional Gain	19
5. Test of AC Power Line Conducted Emission	20
5.1 Test Limit	20
5.2 Test Procedures	20
5.3 Typical Test Setup	21
5.4 Test Result and Data	22
5.5 Test Photographs	26
6. Test of Radiated Spurious Emission	27
6.1 Test Limit	27
6.2 Test Procedures	28
6.3 Typical Test Setup	29
6.4 Test Result and Data (9KHz ~ 30MHz)	30
6.5 Test Result and Data (30MHz ~ 1GHz)	30
6.6 Test Result and Data (Bandedge)	34
6.7 Test Result and Data (1GHz ~ 3GHz)	66
6.8 Test Result and Data (3GHz ~ 18GHz)	97
6.9 Test Result and Data (18GHz ~ 25GHz)	129
6.10 Test Result and Data (1GHz ~ 25GHz)	133
6.11 Restricted Bands of Operation	157
6.12 Test Photographs (30MHz ~ 1GHz)	158
6.13 Test Photographs (1GHz ~ 25GHz)	159
7. Test of Conducted Spurious Emission	165
7.1 Test Limit	165
7.2 Test Procedure	165
7.3 Test Setup Layout	165
7.4 Test Result and Data	165
8. On Time, Duty Cycle and Measurement methods	176
8.1 Test Limit	176
8.2 Test Procedure	176
8.3 Test Setup Layout	176



8.4	Test Result and Data	176
9.	6dB Bandwidth Measurement Data	178
9.1	Test Limit	178
9.2	Test Procedures	178
9.3	Test Setup Layout	178
9.4	Test Result and Data	179
10.	Maximum Average Output Power	183
10.1	Test Limit	183
10.2	Test Procedures	183
10.3	Test Setup Layout	183
10.4	Test Result and Data	184
11.	Power Spectral Density	185
11.1	Test Limit	185
11.2	Test Procedures	185
11.3	Test Setup Layout	185
11.4	Test Result and Data	186



History of this test report

Report No.	Issued Date	Description
25110183-TRFCC03	Mar. 02, 2026	Original



1. Summary of Test Procedure and Test Results

1.1 Applicable Standards

ANSI C63.10-2020+Cor.1-2023+C63.10a-2024+Errata to C63.10a-2024

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

*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.

After engineering evaluation, Radiated Spurious Emission(Above 1GHz) & RF Conducted item Refer to original report .Original test report number: 24070407-TRFCC03.



2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

Operation Frequency Range	NFC: 13.553~13.567MHz (NFC only for 15.6 inch EUT) BT / BLE: 2400-2483.5MHz WLAN:802.11b/g/n/ax: 2400-2483.5MHz 5GHz:802.11a/n/ac/ax:5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5875MHz 6GHz: 802.11a/ax: 5925MHz~6425MHz, 6425MHz~6525MHz 6525MHz~6875MHz, 6875MHz~7125MHz
Center Frequency Range	NFC: 13.56MHz (NFC only for 15.6 inch EUT) BT / BLE: 2402MHz-2480MHz WLAN:802.11b/g/n/ax: 2412MHz-2462MHz 5GHz:802.11a/n/ac/ax:5180-5240MHz, 5260-5320MHz, 5500-5720MHz, 5745-5825MHz 6GHz: 802.11a/ax: 5955MHz~6415MHz, 6435MHz~6515MHz 6535MHz~6855MHz, 6875MHz~7115MHz
Modulation Type	NFC: ASK (NFC only for 15.6 inch EUT) 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: 802.11a/n: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 6GHz 802.11a: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Modulation Technology	DSSS, OFDM, FHSS, DTS, OFDMA
Data Rate	BT: GFSK: 1Mbps, $\pi/4$ -DQPSK: 2Mbps, 8DPSK: 3Mbps BLE: GFSK: 1Mbps, 2Mbps 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, VHT20/40/80/160 802.11ax: MCS0 – MCS11, HE20/40/80/160 6GHz 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11ax: MCS0 – MCS11, HE20/40/80/160



Antenna Type	NFC: PCB Antenna (NFC only for 15.6 inch EUT) BT/BLE/WLAN: PIFA Antenna
Antenna Gain (NFC only for 15.6 inch EUT)	For NFC:0 dBi For BT / BLE: 2400-2500MHz: ANT A: 2.72dBi For WLAN: 2400-2500MHz: ANT A: 2.72dBi, ANT B: 2.42dBi 5150-5250MHz: ANT A: 2.44dBi, ANT B: 2.65dBi 5250-5350MHz: ANT A: 1.86dBi, ANT B: 2.69dBi 5470-5725MHz: ANT A: 2.83dBi, ANT B: 2.79dBi 5725-5850MHz: ANT A: 2.63dBi, ANT B: 2.79dBi 5925~6500MHz:ANT A: 2.53dBi, ANT B: 2.48dBi 6400~6600MHz:ANT A: 2.42dBi, ANT B: 2.44dBi 6500~6900MHz:ANT A: 2.42dBi, ANT B: 2.44dBi 6800~7125MHz:ANT A: 2.59dBi, ANT B: 2.44dBi

EUT powered by

Adapter	ESY15I1E
Brand: Billion Model: BA090-190474MBX	☒
Brand: Billion Model: BA070-190342MBX	☒
Brand: Delta Model: ADP-65JH HB	☒

Flip Stand Without Panel powered by

Adapter	ESY15I1E
Brand: Billion Model: BS180-240625MBX	☒
Brand: Delta Model: ADP-150EH B	☒

Power Cable(EU)*2	Brand: I-SHENG Model: CAB-PWR-EU-3 LOBE-1.8M-BLK-R
Power Cable(US)*2	Brand: I-SHENG Model: CAB-PWR-US-3 LOBE-1.8M-BLK-R
Flip Stand Without Panel	Brand: ELO Model: E767356 KIT, Z20-POS-STAND-GEN2-15
Type-C Cable	Brand: Hotron Model: E113033 CAB, USB-C TO USB-C, Z20 Gen2 15,330mm,HT
Poe Module	Brand: ELO Model: E669163, ELO-KIT-POE-ADAPTER-5.0
Panel	Brand: BOE Model: BOE PV156FHM-N20 Brand: LG Model: LP156WFC-SPDZ Brand: K&D Model: KD156N29-30NI-A022



Note:

1. EUT support TPC Function.
2. EUT supports DFS Client Mode, without radar detection.
3. WLAN and BT can simultaneously transmission.
4. The device not support Channel Puncturing or Bandwidth Reduction mechanisms supported
5. 802.11ax EUT Only Support Full RU
6. EUT Operating mode : Indoor Client.
7. For more details, please refer to the User's manual of the EUT.



2.2 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n HT20, 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, 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

- During testing, the interface cables and equipment positions were varied according to ANSI C63.10.
- The complete test system included remote workstation and EUT for RF test. The remote workstation included Notebook.
- An executive program, " Qualcomm Radio Control Tool ver. 4.0.00138.0" under Windows OS system was executed to transmit and receive data via WLAN.
- The following test modes were performed for the test:

24070407-TRFCC03

Radiation Emissions (1GHz ~ 25GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps), Power from Adapter
2	802.11g (6Mbps), Power from Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 1~4" generated the worst case, they were reported as the final data.	

There are six types of Adapters + one PoE power supply mode .After engineering evaluation:
For Radiated Spurious Emission(Above 1G), BA070-190342MBX 22 inch without Docking is worst case.

Adapter	Brand: Billion Model: BS180-240625MBX
Adapter	Brand: Billion Model: BA090-190474MBX
Adapter	Brand: Billion Model: BA070-190342MBX
Adapter	Brand: Delta Model: ADP-65JH HB
Adapter	Brand: Delta Model: ADP-150EH B
Adapter	Brand: Billion Model: BA090-240375MBX
POE	Brand: Bluewave Model: JS-100GT



For 25110183-TRFCC03

SISO(ANT-A)

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11b (1Mbps), From Adapter
2	802.11g (6Mbps), From Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 2" generated the worst case, it was reported as the final data.	
Radiation Emissions (9KHz ~30MHz & 30MHz ~ 1GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps), Power from Adapter
2	802.11g (6Mbps), Power from Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 2" generated the worst case, they were reported as the final data.	
Radiation Emissions (1GHz ~ 25GHz) ,For Validated data	
Test Mode	Operating Description
1	802.11b (1Mbps), Power from Adapter
2	802.11g (6Mbps), Power from Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 1~2" generated the worst case, they were reported as the final data.	

Note:1. There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.

MIMO

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11b (1Mbps), From Adapter
2	802.11g (6Mbps), From Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 3" generated the worst case, it was reported as the final data.	
Radiation Emissions (9KHz ~30MHz & 30MHz ~ 1GHz)	
Test Mode	Operating Description
1	802.11b (1Mbps), Power from Adapter
2	802.11g (6Mbps), Power from Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 3" generated the worst case, they were reported as the final data.	
Radiation Emissions (1GHz ~ 25GHz) ,For Validated data	
Test Mode	Operating Description
1	802.11b (1Mbps), Power from Adapter
2	802.11g (6Mbps), Power from Adapter
3	802.11ax HE20 (7.3Mbps), From Adapter
4	802.11ax HE40 (14.6Mbps), From Adapter
caused "Test Mode 3~4" generated the worst case, they were reported as the final data.	

Note:1. There are two kinds of test voltage: AC 120V / 60Hz and AC 240V / 60Hz.



worst case (V)

Test Item /test voltage	AC 120V / 60Hz	AC 240V / 60Hz.
AC Power Line Conducted Emission	V	
Radiation Emissions (Below 1GHz)	V	

There are five types of Adapters+ one PoE power supply mode .After engineering evaluation:

For Radiated Spurious Emission(Below 1G), ADP-150EH B 15 inch with Docking is worst case.

For AC Power Line Conducted Emission, BA070-190342MBX 15 inch without Docking is worst case.

Adapter	Brand: Billion Model: BS180-240625MBX
Adapter	Brand: Billion Model: BA090-190474MBX
Adapter	Brand: Billion Model: BA070-190342MBX
Adapter	Brand: Delta Model: ADP-65JH HB
Adapter	Brand: Delta Model: ADP-150EH B
POE	Brand: Bluewave Model: JS-100GT

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11b	1TX(Diversity)
802.11g	1TX(Diversity)
802.11n HT20	2TX
802.11n HT40	2TX
802.11ax HE20	2TX
802.11ax HE40	2TX



2.4 Description of Test System

For 24070407-TRFCC03

RF Conducted				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	lenovo	S1GL2W	N/A	N/A
USB Cable (A to A)	BENEVO	E210567AWM	1m / NS	N/A
Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
Notebook	DELL	Latitude E5450	N/A	Adapter / 1.8m / NS
USB Cable (A to A)	BENEVO	E210567AWM	1m / NS	N/A
RJ45 Cable	TE CONNECTIVITY	CAT5E	1.2m / NS	N/A
HDD	TOSHIBA	TS1TSJ25M3S	N/A	N/A
Type-C Cable	DXDC	C8A1M3A02G1M0	0.4m/NA	N/A
POE	Bluewave	JS-100GT	N/A	N/A

For 25110183-TRFCC03

Radiated Emissions				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
USB Cable	YD-teah	A-A	0.8m / NS	N/A
POE	Bluewave	JS-100GT	N/A	N/A
Notebook	lenovo	S1GL2W	N/A	N/A
AC Power Line Conducted Emission				
Equipment	Brand	Model	Length/Type	Power cord/Length/Type
USB Cable	YD-teah	A-A	0.8m / NS	N/A
POE	Bluewave	JS-100GT	N/A	N/A
Notebook	lenovo	S1GL2W	N/A	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
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 9kHz to 25,000MHz	
Test Distance	The test distance of radiated emission from antenna to EUT is 3 M.	

For 24070407-TRFCC03

SISO(ANT A)

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2024/08/27	28.3°C / 49%	Leon Huang
RF Conducted	RFCON01-NK	2024/08/28	28.1°C / 48%	Leon Huang
RF Conducted	RFCON01-NK	2024/09/16	26.9°C / 45%	Leon Huang
Radiated Emissions	3M02-NK	2024/09/10	19.6°C / 50%	Leon Huang
Radiated Emissions	3M02-NK	2024/10/08	22.1°C / 53%	Leon Huang

SISO(ANT B)

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2024/08/27	28.3°C / 49%	Leon Huang
RF Conducted	RFCON01-NK	2024/08/28	28.1°C / 48%	Leon Huang
RF Conducted	RFCON01-NK	2024/09/18	28.1°C / 43%	Leon Huang

MIMO(ANT A , B)

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2024/08/25	26.5°C / 46%	Leon Huang
RF Conducted	RFCON01-NK	2024/08/26	26.7°C / 43%	Leon Huang
RF Conducted	RFCON01-NK	2024/09/12	27.2°C / 42%	Leon Huang
Radiated Emissions	3M02-NK	2024/09/10	19.6°C / 50%	Leon Huang
Radiated Emissions	3M02-NK	2024/10/08	22.1°C / 53%	Leon Huang

For 25110183-TRFCC03

Test Item	Test Site	Test Period	Environmental Conditions	Tested By
Radiated Emissions	3M02-NK	2026/01/13	19.2°C / 52%	Leon Huang
Radiated Emissions	3M02-NK	2026/01/31	21.3°C / 45%	Leon Huang
AC Power Line Conducted Emission	CON02-NK	2026/01/31	23.5°C / 64%	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))

For 24070407-TRFCC03

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.12dB
Radiated Spurious Emission(9KHz~30MHz)	±3.5dB
Radiated Spurious Emission(30MHz~1GHz)	±5.1dB
Radiated Spurious Emission(1GHz~40GHz)	±5.2dB
Conducted Spurious Emission	±2.1dB
6dB Bandwidth	±5.4%
20dB Bandwidth	±4.4%
Occupied Bandwidth	±4.5%
Peak Output Power(Conducted Power Meter)	±1.1dB
Dwell Time / Deactivation Time	±7.6%
Power Spectral Density	±2.0dB
Duty Cycle	±3.5%

For 25110183-TRFCC03

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.2dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
Radiated Spurious Emission(30MHz~1GHz)	±5.2dB
Radiated Spurious Emission(1GHz~40GHz)	±5.2dB
Peak Output Power(Conducted Power Meter)	±1.1dB



3. Test Equipment and Ancillaries Used for Tests

For 24070407-TRFCC03

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M02-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Schwarzbeck	VULB9168	369	2024/02/19	2025/02/18
Active Loop Antenna	Schwarzbeck	FMZB 1513	414	2024/01/16	2025/01/15
Horn Antenna	EMCO	3115	31589	2024/02/26	2025/02/25
Horn Antenna	EMCO	3116	31974	2023/10/16	2024/10/15
EMI Receiver	ROHDE & SCHWARZ	ESR 7	101906	2024/05/13	2025/05/12
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	101329	2024/07/16	2025/07/15
Preamplifier	Agilent	8449B	3008A01954	2024/03/01	2025/02/28
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2023/10/13	2024/10/12
Preamplifier	EM Electronics corp.	EM330	60659	2024/02/17	2025/02/16
Cable-6m(9k~300M)	N/A	EMC5D-BM-BM-6	130606	2024/03/13	2025/03/12
Cable-3in1(30M-1G)	HARBOUR INDUSTRIES	LL142	CCE1315	2024/02/23	2025/02/22
Cable-0.5m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2024/03/05	2025/03/04
Cable-3m(1G-40G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2024/03/05	2025/03/04
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2024/03/05	2025/03/04
Cable-1m(1G-40G)	HUBER SUHNER	HUBER SUHNER / SF102	804398/2	2023/10/12	2024/10/11
Cable-3m(1G-40G)	HUBER SUHNER	HUBER SUHNER / SF102	804619/2	2023/10/12	2024/10/11
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
Highpass Filter	Warison	WFIL-H3000-18000F-03	WRJ5CFWC2J1	2024/07/03	2025/07/02
Notch Filter	Warison	WFIL-N5925-7125F-04	WRQ4BFWC4M1	2024/03/11	2025/03/10
Hipass Filter	Warison	WFIL-H7500-18000F	WRQ4BFWC2J1	2024/03/11	2025/03/10

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



For 25110183-TRFCC03

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	VULB 9168-369	2025/02/17	2026/02/16
Active Loop Antenna	Schwarzbeck	FMZB 1513	00414	2025/02/18	2026/02/17
Horn Antenna	EMCO	3116	31974	2025/02/20	2026/02/19
Horn Antenna	EMCO	3115	31589	2025/02/20	2026/02/19
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	102151	2025/08/18	2026/08/17
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2025/07/10	2026/07/09
Preamplifier	EM Electronics corp.	EMC0518A45SE	981069	2025/12/18	2026/12/17
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2025/10/13	2026/10/12
Preamplifier	EM Electronics corp.	EM330	60659	2025/12/18	2026/12/17
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2025/07/02	2026/07/01
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-1m(1G-40G)	HUBER SUHNER	SF102E	602125	2025/07/19	2026/07/18
Cable-3m(1G-40G)	HUBER SUHNER	SF102E	552450	2025/07/09	2026/07/08
Highpass Filter	Warison	WFIL-H7500-18000F	WRQ4BFWC2J1	2025/02/21	2026/02/20
Notch Filter	Warison	WFIL-N5925-7125F-04	WRQ4BFWC4M1	2025/02/11	2026/02/10
High Pass Filter	Warison	WFIL-H3000-18000F-03	WRJ5CFWC2J1	2025/07/09	2026/07/08
E3	AUDIX	v8.2014-8-6	RK-000529	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	ROHDE & SCHWARZ	ESR 7	101906	2025/05/19	2026/05/18
Line Impedance Stabilization Network	Schwarzbeck	NSLK 8127	1197	2025/02/26	2026/02/25
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101584	2025/02/26	2026/02/25
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2025/07/02	2026/07/01
E3	AUDIX	v8.2014-8-6	RK-000536	NA	NA



4. Antenna Requirements

4.1 Standard Applicable

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

And according to FCC 47 CFR Section 15.247 (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	PIFA Antenna
Antenna Gain	2400-2500MHz: ANT A: 2.72dBi, ANT B: 2.42dBi

SISO-ANT A

2412-2462MHz
For Power directional gain= G_{ant} = 2.72 dBi
For PSD directional gain = G_{ant} = 2.72 dBi

SISO-ANT B

2412-2462MHz
For Power directional gain= G_{ant} = 2.42 dBi
For PSD directional gain = G_{ant} = 2.42 dBi

MIMO

2412-2462MHz
For Power directional gain= G_{ant} = 2.72 dBi
For PSD directional gain = $10 \log[(10^{G^1/20} + 10^{G^2/20} + \dots + 10^{G^N/20})^2 / N_{ANT}]$ = 5.58 (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 C63.10-2020+Cor.1-2023 and ANSI C63.10a-2024. 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

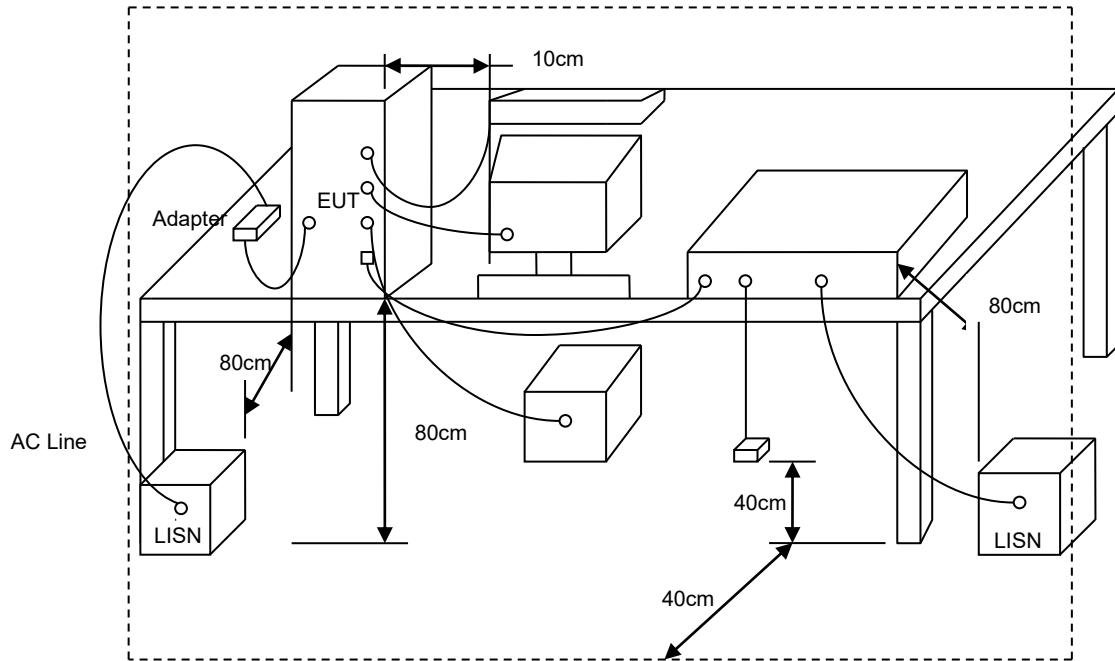
*Decreases with the logarithm of the frequency.

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



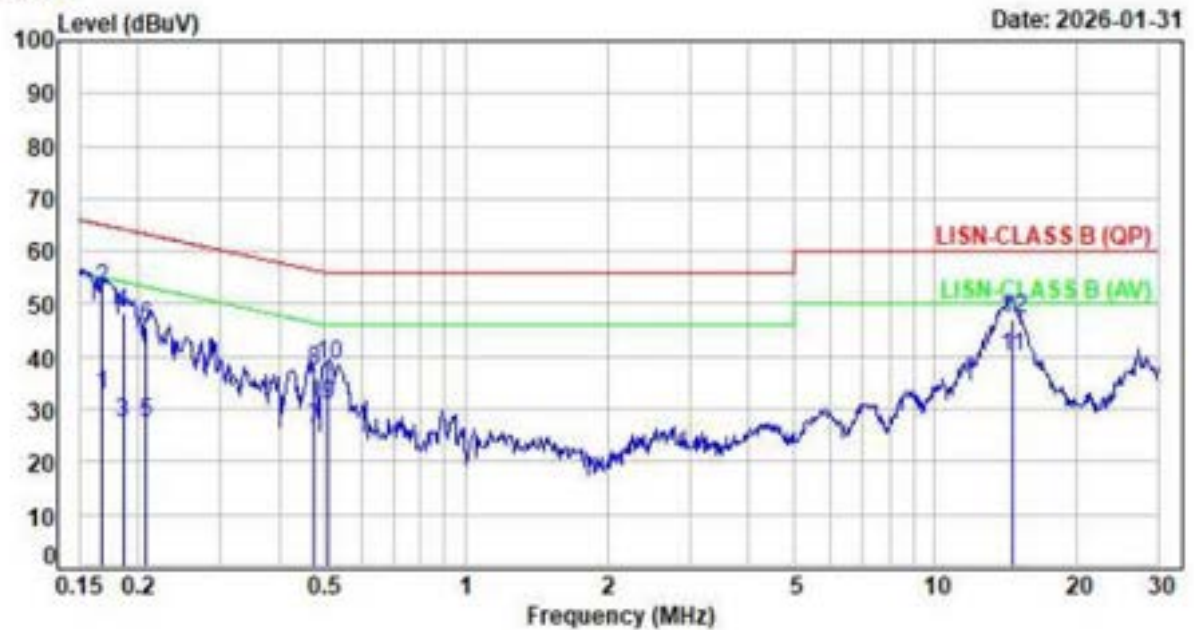


5.4 Test Result and Data

MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Phase : Line

Data: 9



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1680	9.78	22.89	32.67	55.06	-22.39	Average	P
2	0.1680	9.78	42.94	52.72	65.06	-12.34	QP	P
3	0.1857	9.79	17.76	27.55	54.23	-26.68	Average	P
4	0.1857	9.79	38.68	48.47	64.23	-15.76	QP	P
5	0.2077	9.79	17.44	27.23	53.30	-26.07	Average	P
6	0.2077	9.79	35.70	45.49	63.30	-17.81	QP	P
7	0.4730	9.79	16.48	26.27	46.46	-20.19	Average	P
8	0.4730	9.79	27.42	37.21	56.46	-19.25	QP	P
9	0.5103	9.79	21.12	30.91	46.00	-15.09	Average	P
10	0.5103	9.79	28.54	38.33	56.00	-17.67	QP	P
11	14.6371	10.13	29.91	40.04	50.00	-9.96	Average	P
12	14.6371	10.13	37.14	47.27	60.00	-12.73	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

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

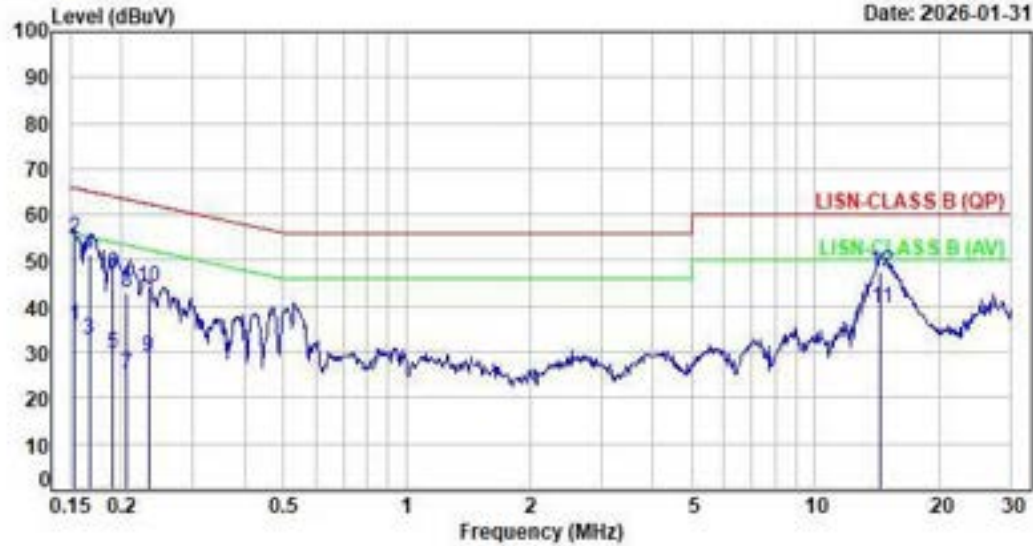


MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 10

Date: 2026-01-31



No.	Frequency (MHz)	Factor (dB)	Reading (dBUV)	Level (dBUV)	Limit (dBUV)	Margin (dB)	Detector	P/F
1	0.1527	9.79	25.83	35.62	55.85	-20.23	Average	P
2	0.1527	9.79	44.84	54.63	65.85	-11.22	QP	P
3	0.1667	9.79	22.85	32.64	55.12	-22.48	Average	P
4	0.1667	9.79	41.41	51.20	65.12	-13.92	QP	P
5	0.1906	9.80	20.03	29.83	54.01	-24.18	Average	P
6	0.1906	9.80	37.50	47.30	64.01	-16.71	QP	P
7	0.2066	9.80	15.33	25.13	53.34	-28.21	Average	P
8	0.2066	9.80	33.19	42.99	63.34	-20.35	QP	P
9	0.2328	9.80	19.15	28.95	52.35	-23.40	Average	P
10	0.2328	9.80	34.25	44.05	62.35	-18.30	QP	P
11	14.5006	10.15	29.47	39.62	50.00	-10.38	Average	P
12	14.5006	10.15	37.23	47.38	60.00	-12.62	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

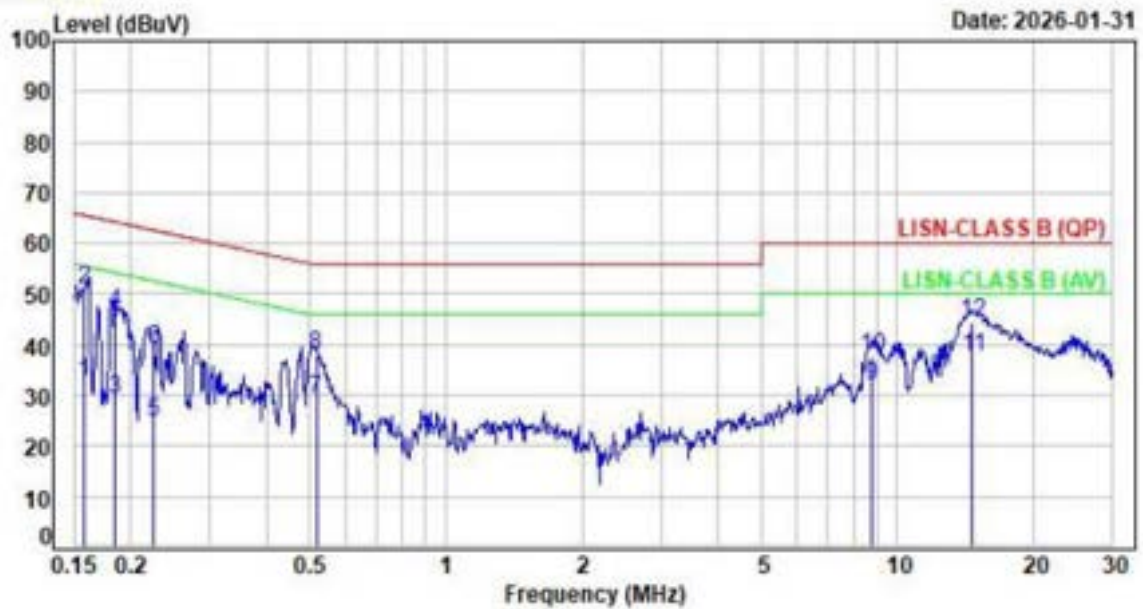
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC 120V/60Hz)
Phase : Line

Data: 13



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1573	9.78	23.02	32.80	55.60	-22.80	Average	P
2	0.1573	9.78	41.24	51.02	65.60	-14.58	QP	P
3	0.1849	9.79	19.33	29.12	54.26	-25.14	Average	P
4	0.1849	9.79	36.76	46.55	64.26	-17.71	QP	P
5	0.2246	9.79	14.82	24.61	52.65	-28.04	Average	P
6	0.2246	9.79	29.36	39.15	62.65	-23.50	QP	P
7	0.5158	9.79	19.34	29.13	46.00	-16.87	Average	P
8	0.5158	9.79	28.25	38.04	56.00	-17.96	QP	P
9	8.7927	9.98	21.86	31.84	50.00	-18.16	Average	P
10	8.7927	9.98	27.75	37.73	60.00	-22.27	QP	P
11	14.6737	10.13	27.46	37.59	50.00	-12.41	Average	P
12	14.6737	10.13	34.30	44.43	60.00	-15.57	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

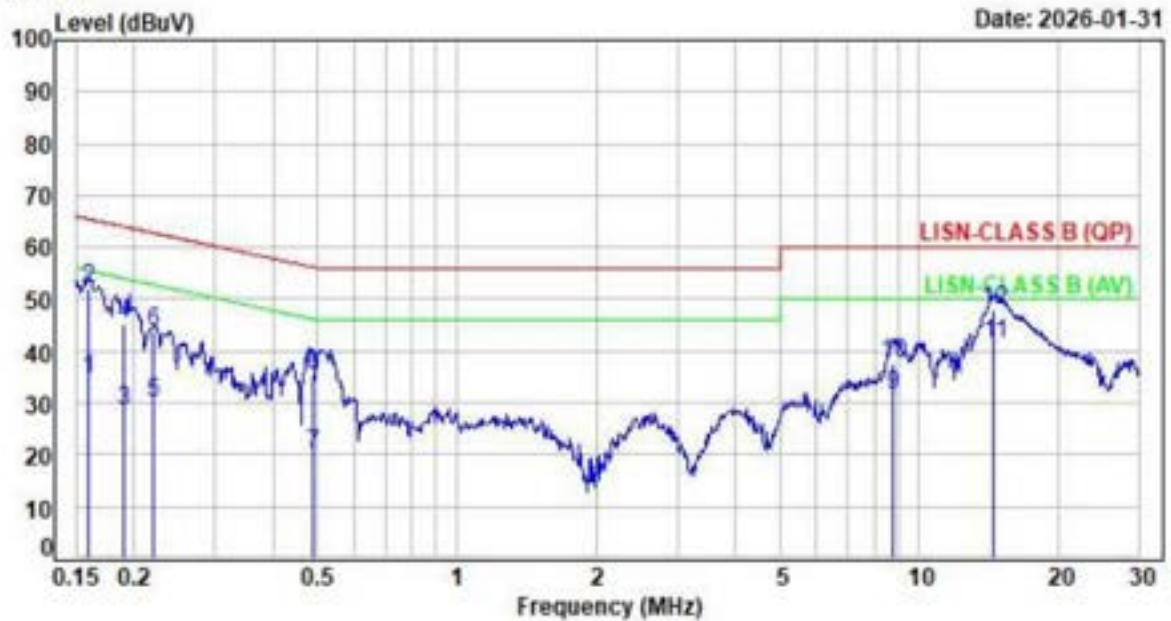
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 14



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1595	9.79	24.63	34.42	55.49	-21.07	Average	P
2	0.1595	9.79	42.30	52.09	65.49	-13.40	QP	P
3	0.1912	9.80	18.70	28.50	53.98	-25.48	Average	P
4	0.1912	9.80	35.46	45.26	63.98	-18.72	QP	P
5	0.2207	9.80	20.26	30.06	52.79	-22.73	Average	P
6	0.2207	9.80	33.76	43.56	62.79	-19.23	QP	P
7	0.4878	9.80	10.18	19.98	46.21	-26.23	Average	P
8	0.4878	9.80	25.64	35.44	56.21	-20.77	QP	P
9	8.7762	9.98	21.47	31.45	50.00	-18.55	Average	P
10	8.7762	9.98	27.52	37.50	60.00	-22.50	QP	P
11	14.5363	10.15	31.11	41.26	50.00	-8.74	Average	P
12	14.5363	10.15	37.76	47.91	60.00	-12.09	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.

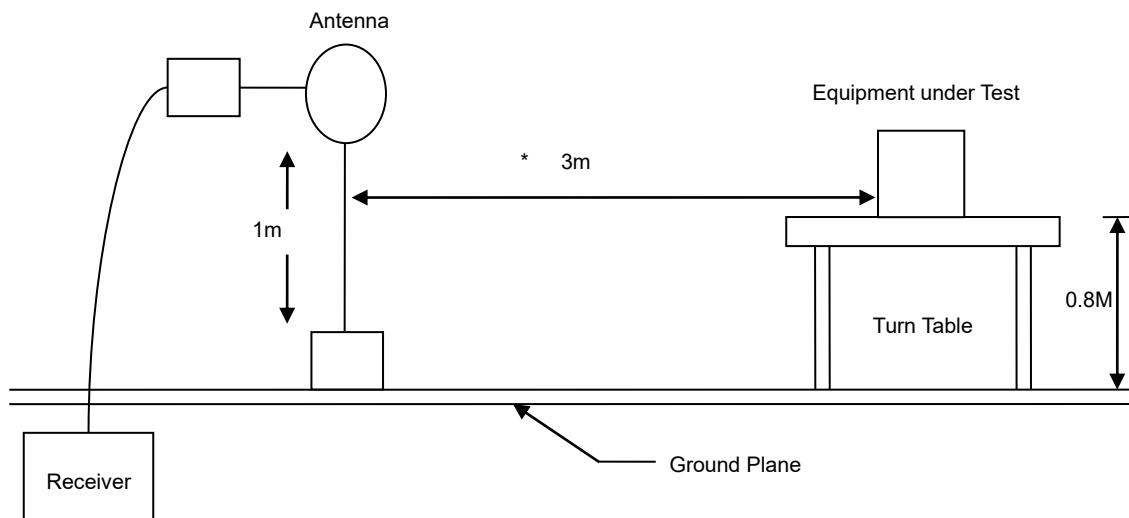
Note:

- 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.
LF:with Docking is worst
HF:Z-AXIS is 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.

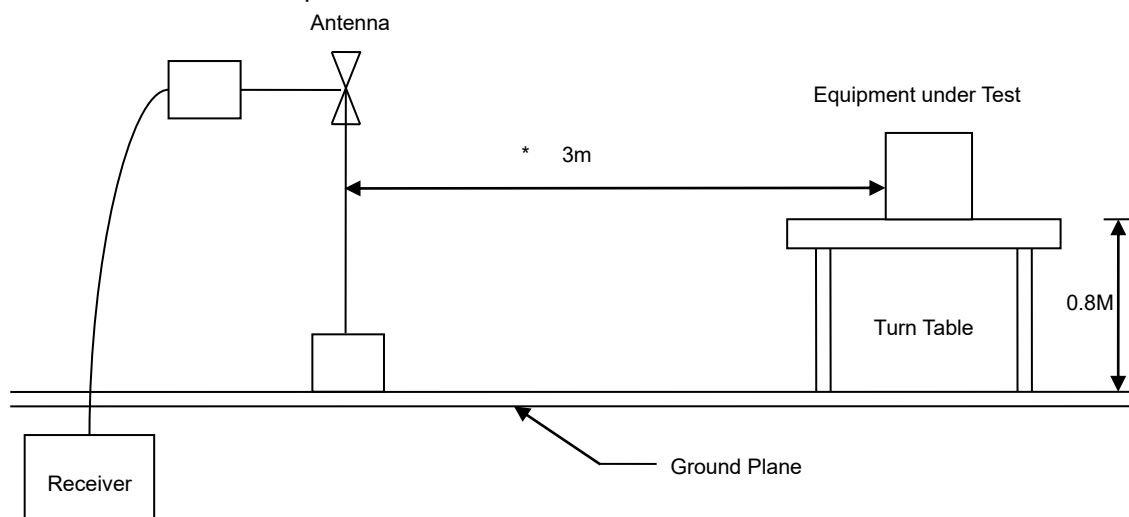


6.3 Typical Test Setup

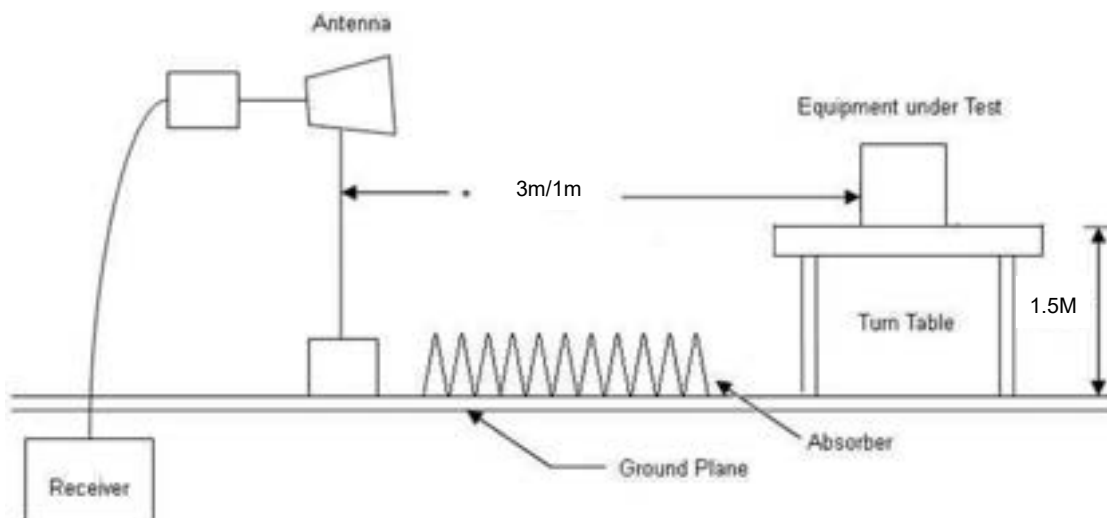
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup





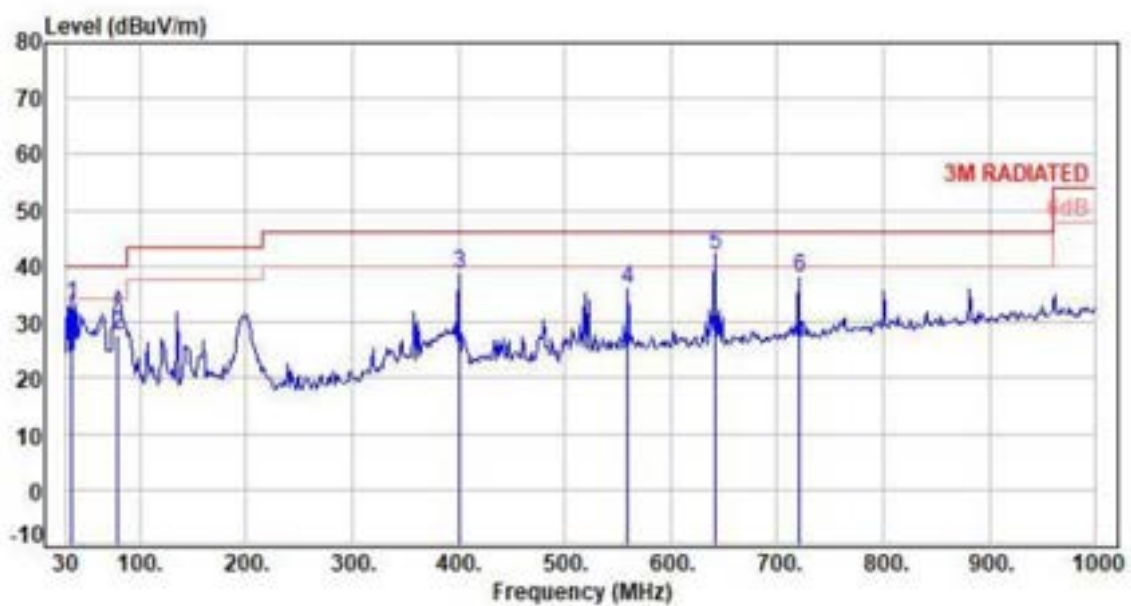
6.4 Test Result and Data (9KHz ~ 30MHz)

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

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

For MIMO

Test Mode : 2TX 11ax20 CH11 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	35.82	-10.30	43.49	33.19	40.00	-6.81	QP	100	280	P
2	78.50	-14.18	41.90	27.72	40.00	-12.28	QP	100	0	P
3	400.54	-4.99	43.66	38.67	46.00	-7.33	Peak	400	0	P
4	559.62	-1.29	37.10	35.81	46.00	-10.19	Peak	400	0	P
5	641.10	0.37	41.80	42.17	46.00	-3.83	QP	100	109	P
6	720.64	1.58	36.37	37.95	46.00	-8.05	Peak	400	0	P

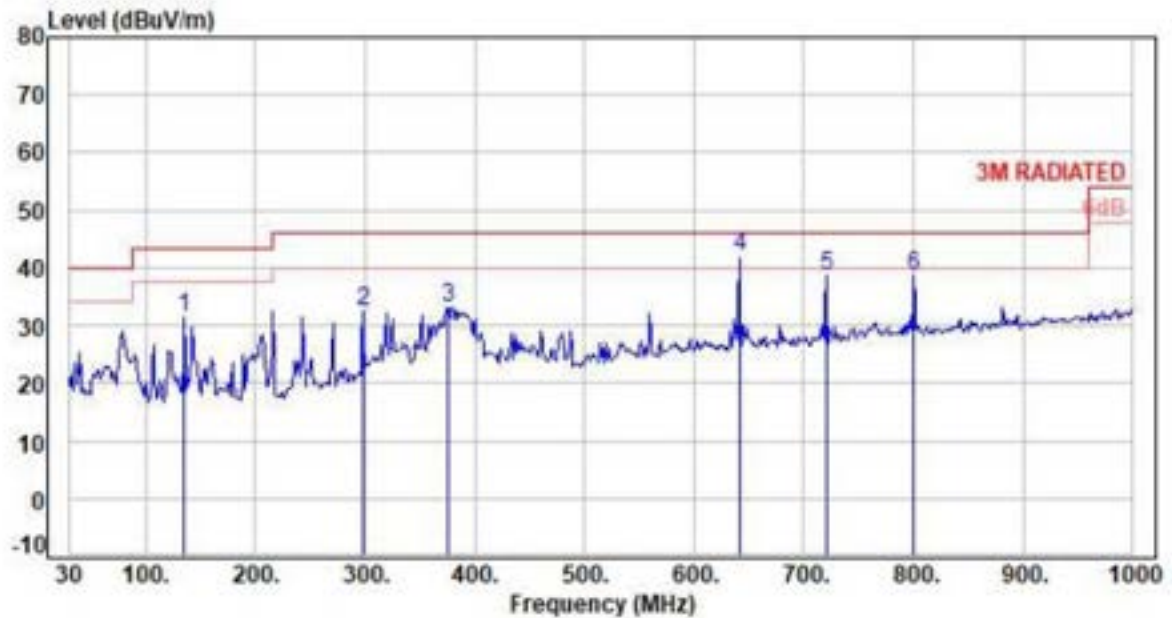
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ax20 CH11 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	134.76	-10.86	42.20	31.34	43.50	-12.16	Peak	400	360	P
2	297.72	-8.12	40.60	32.48	46.00	-13.52	Peak	400	360	P
3	375.32	-5.55	38.79	33.24	46.00	-12.76	Peak	400	360	P
4	641.10	0.37	41.60	41.97	46.00	-4.03	QP	118	61	P
5	720.64	1.58	36.92	38.50	46.00	-7.50	Peak	400	360	P
6	800.18	3.19	35.56	38.75	46.00	-7.25	Peak	400	360	P

Note: Level=Reading+Factor

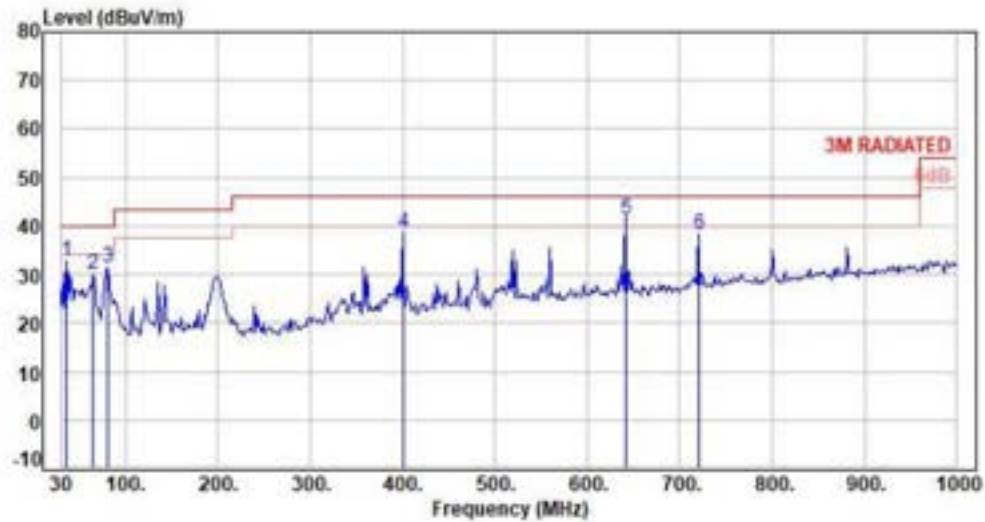
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



For SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
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	35.82	-10.30	43.13	32.83	40.00	-7.17	Peak	400	0	P
2	64.92	-10.62	40.83	30.21	40.00	-9.79	Peak	400	0	P
3	80.44	-14.60	46.17	31.57	40.00	-8.43	Peak	400	0	P
4	400.54	-4.99	43.50	38.51	46.00	-7.49	Peak	400	0	P
5	641.10	0.37	41.05	41.42	46.00	-4.58	QP	100	120	P
6	720.64	1.58	36.51	38.09	46.00	-7.91	Peak	400	0	P

Note: Level=Reading+Factor

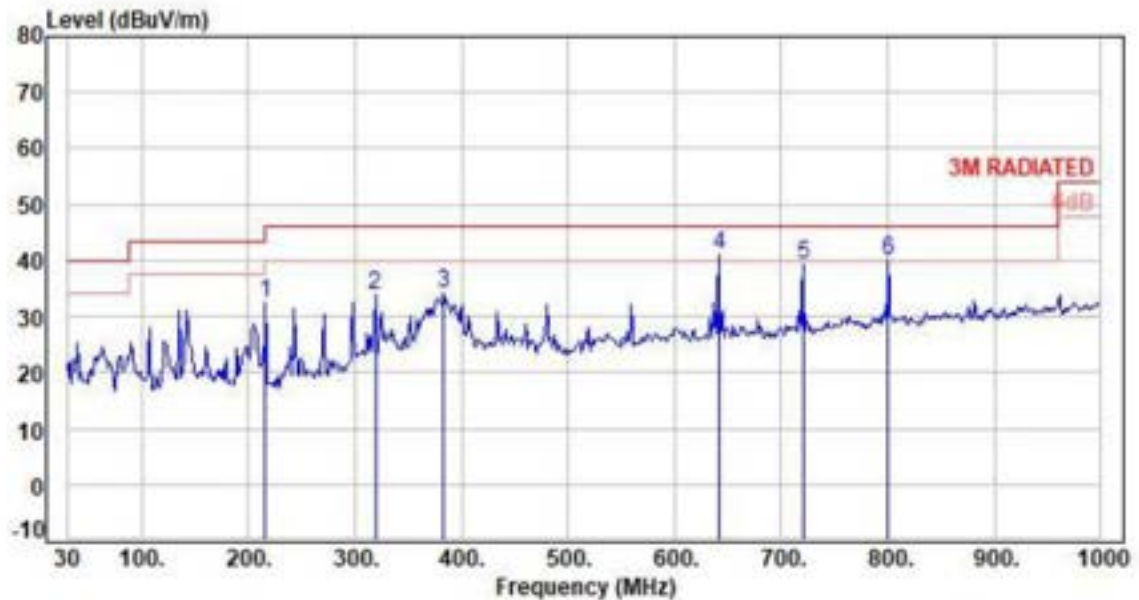
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
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	216.24	-12.33	44.81	32.48	46.00	-13.52	Peak	400	360	P
2	319.06	-7.28	41.18	33.90	46.00	-12.10	Peak	400	360	P
3	383.08	-5.50	39.47	33.97	46.00	-12.03	Peak	400	360	P
4	641.10	0.37	40.68	41.05	46.00	-4.95	QP	120	62	P
5	720.64	1.58	37.65	39.23	46.00	-6.77	Peak	400	360	P
6	800.18	3.19	36.63	39.82	46.00	-6.18	Peak	400	360	P

Note: Level=Reading+Factor

Margin=Level-Limit

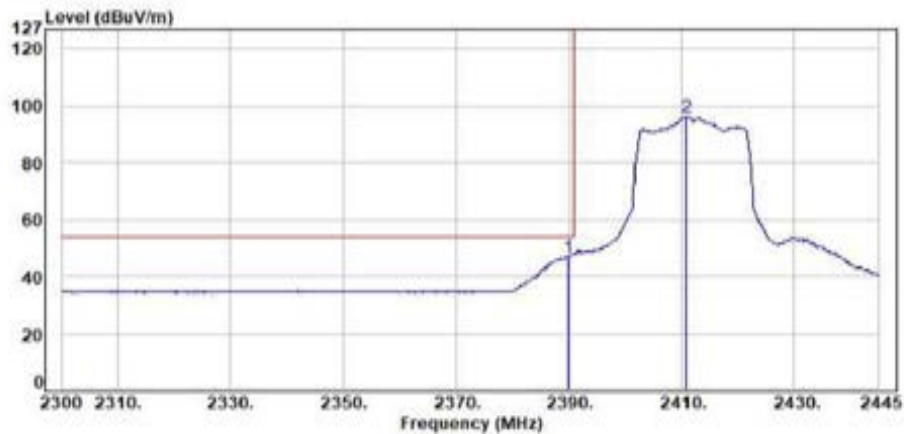
Factor=Antenna Factor + cable loss - Amplifier Factor



6.6 Test Result and Data (Bandedge)

For Validated data-MIMO

Test Mode : 2TX 11x20 CH01 N551 MC50
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical

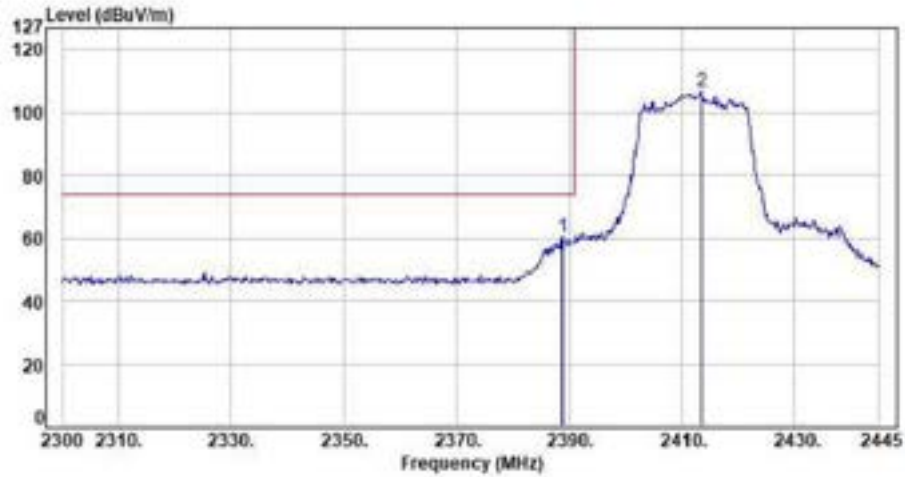


No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2389.90	-6.88	53.84	46.96	54.00	-7.04	Average	400	360	P
2	2410.93	-7.02	103.16	96.14	200.00	-103.86	Average	400	360	P

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



Test Mode : 2TX 11ax20 CH01 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



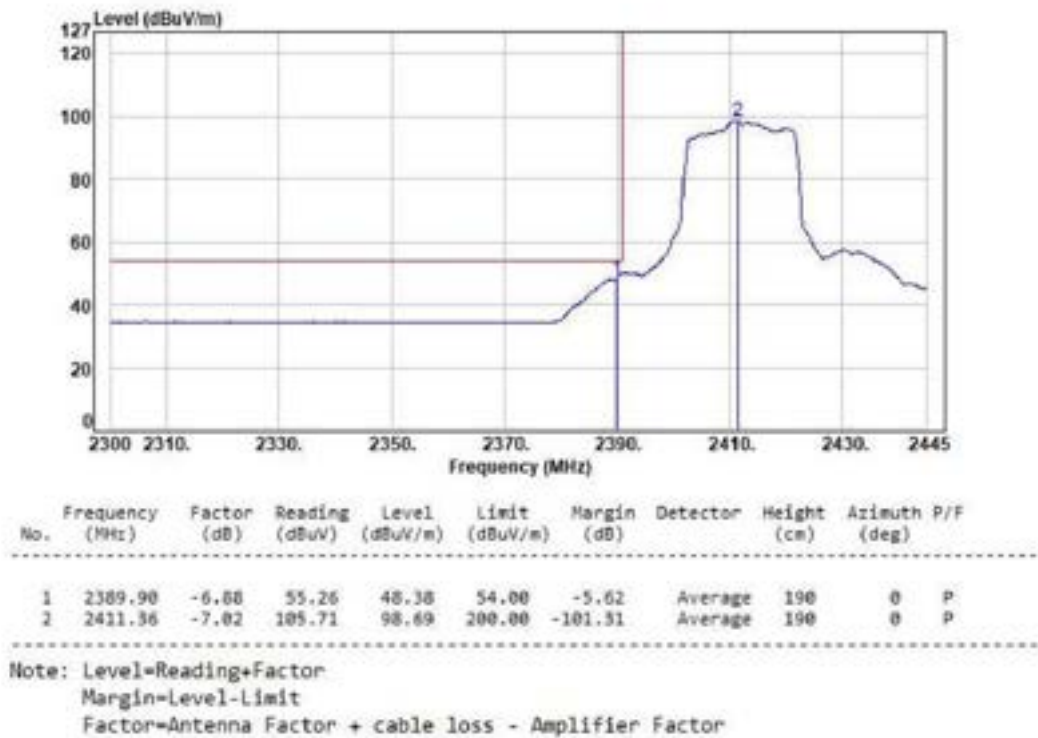
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2388.74	-6.68	67.06	60.18	74.00	-13.82	Peak	400	0	P
2	2413.54	-7.01	113.54	106.53	200.00	-93.47	Peak	400	0	P

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



MIMO

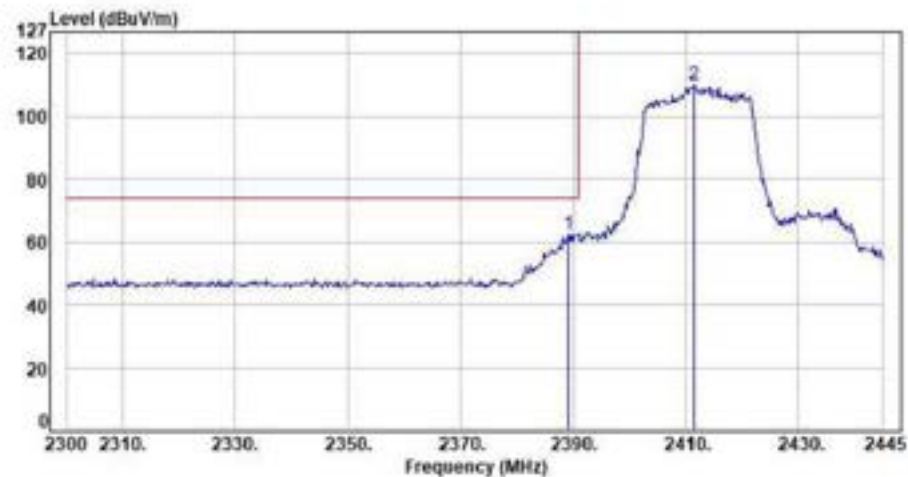
Test Mode : 2TX 11ax20 CH01 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





MIMO

Test Mode : 2TX 11ax20 CH01 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	2389.03	-6.68	69.35	62.47	74.00	-11.53	Peak	190	360	P
2	2411.36	-7.02	117.04	110.02	200.00	-89.98	Peak	190	360	P

Note: Level=Reading+Factor

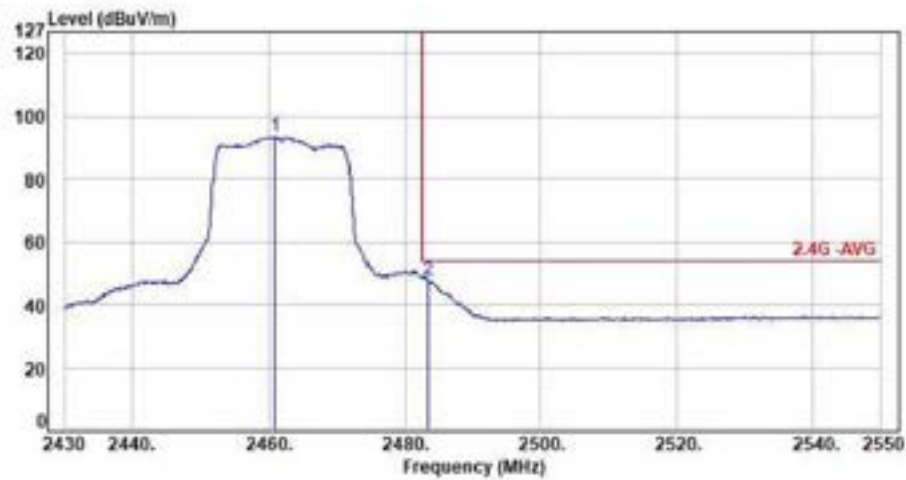
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



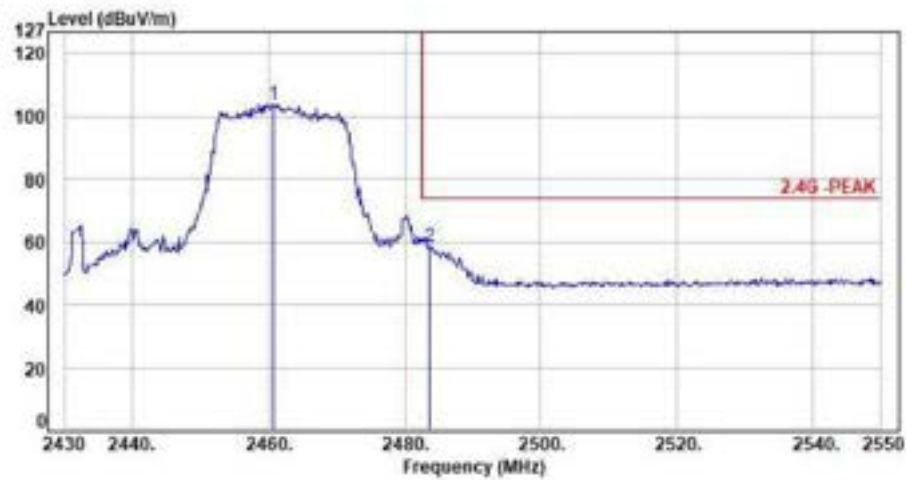
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2460.96	-7.07	100.98	93.91	200.00	-106.09	Average	386	360	P
2	2483.52	-7.13	54.83	47.70	54.00	-6.30	Average	386	360	P

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



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



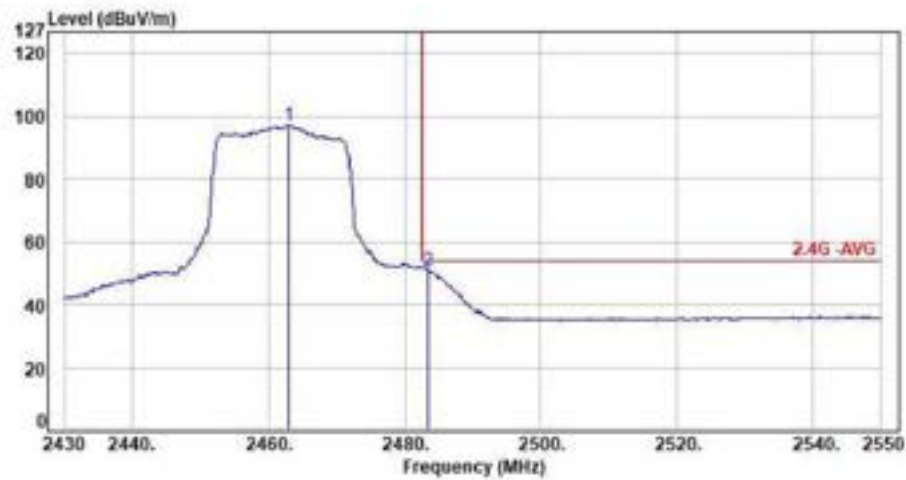
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2460.84	-7.07	111.07	104.00	200.00	-96.00	Peak	386	360	P
2	2483.76	-7.13	65.68	58.47	74.00	-15.53	Peak	386	360	P

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



MIMO

Test Mode : 2TX 11ax20 CH11 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	2463.00	-7.08	104.35	97.27	200.00	-102.73	Average	183	360	P
2	2483.52	-7.13	57.83	50.70	54.00	-3.30	Average	183	360	P

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



MIMO

Test Mode : 2TX 11ax20 CH11 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





MIMO

Test Mode : 2TX 11ax40 CHB3 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





MIMO

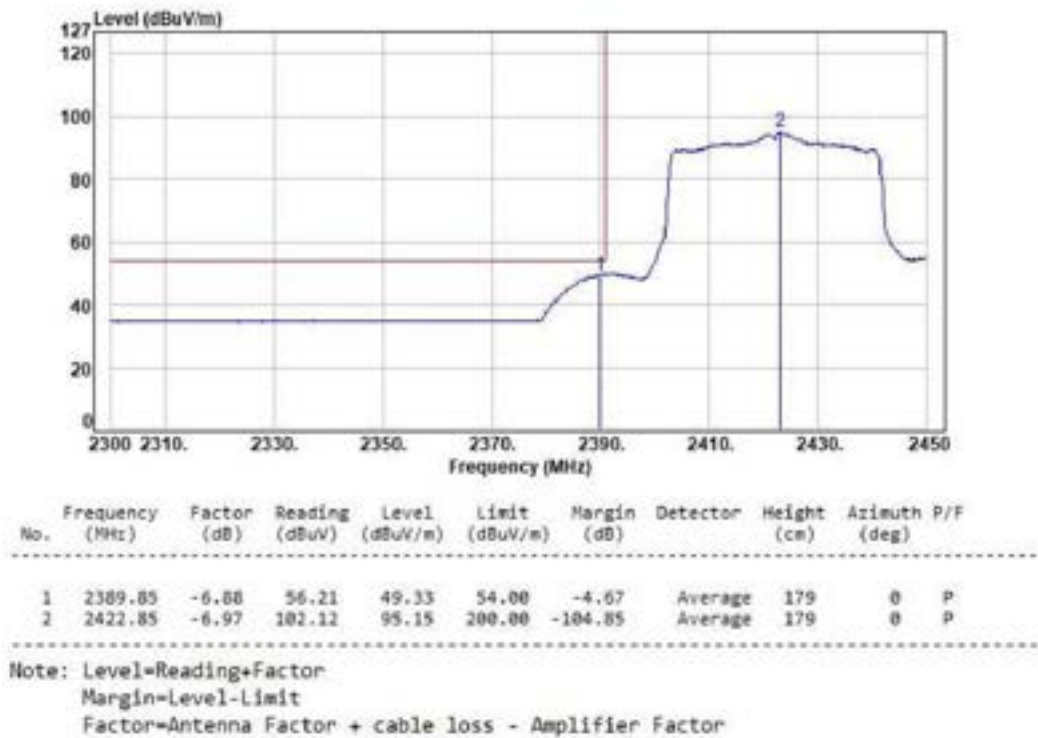
Test Mode : 2TX 11ax40 CHB3 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





MIMO

Test Mode : 2TX 11ax40 CHB3 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





MIMO

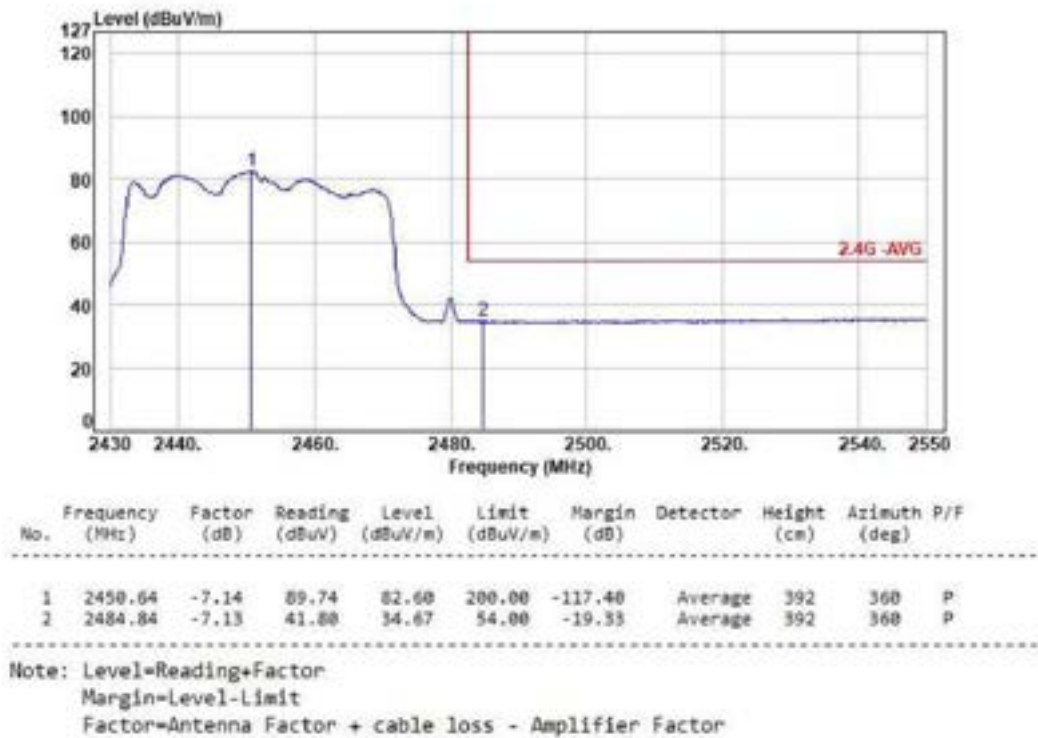
Test Mode : 2TX 11ax40 CHB3 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





MIMO

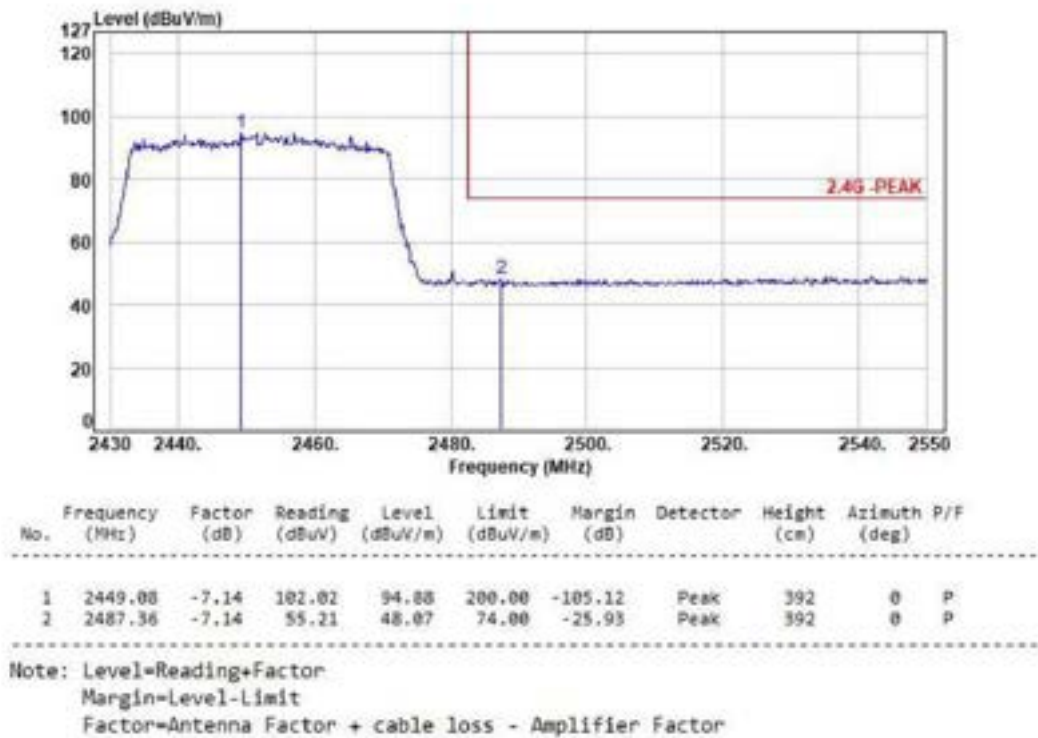
Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





MIMO

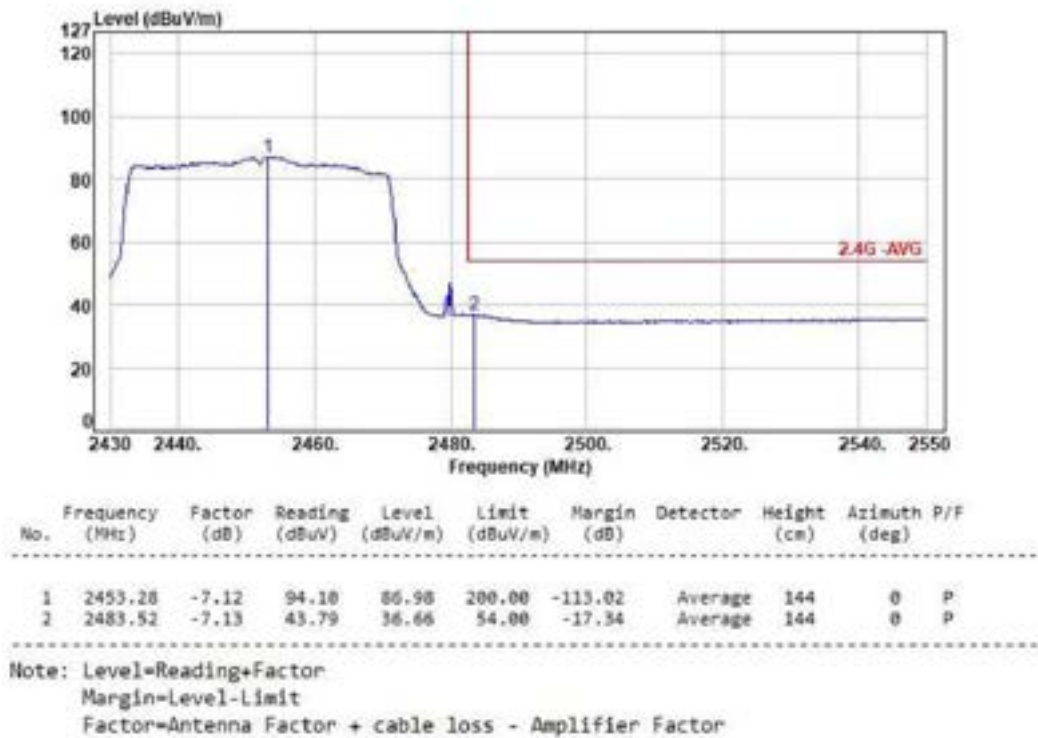
Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





MIMO

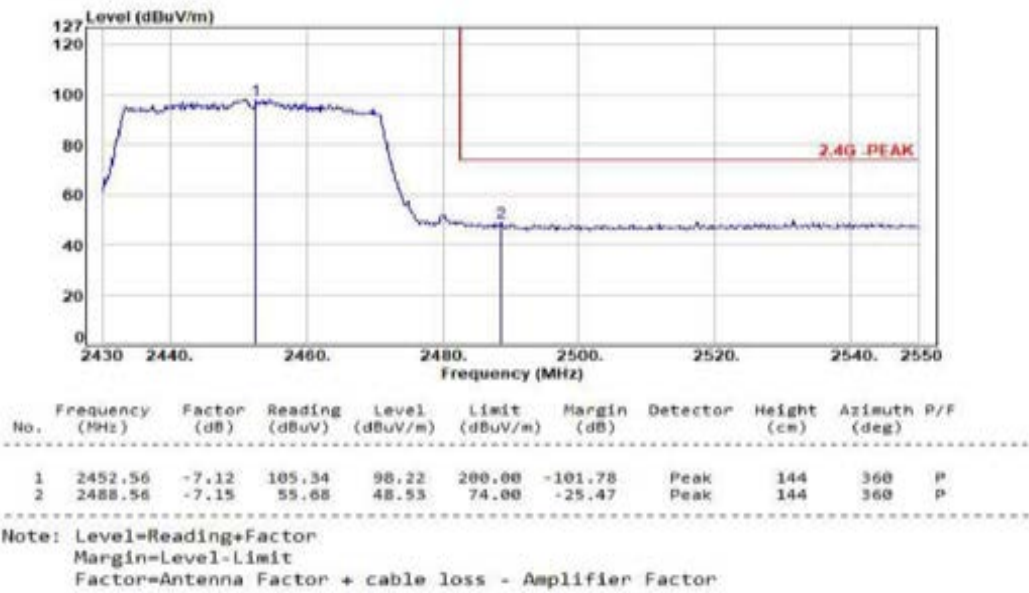
Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





MIMO

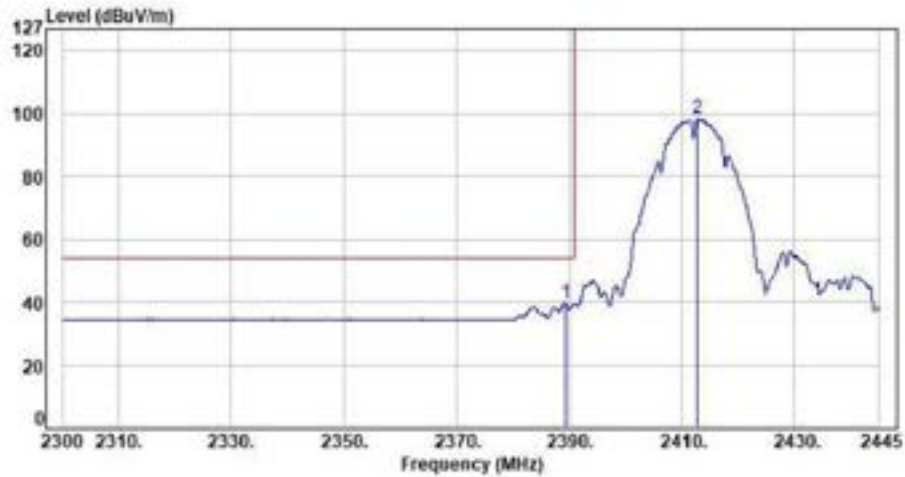
Test Mode : 2TX 11ax40 CH09 NSS1 MCS0
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





For Validated data
SISO ANT A

Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC110V/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	2389.32	-6.68	46.58	39.78	54.00	-14.38	Average	400	360	P
2	2412.81	-7.02	105.64	98.62	200.00	-101.38	Average	400	360	P

Note: Level=Reading+Factor

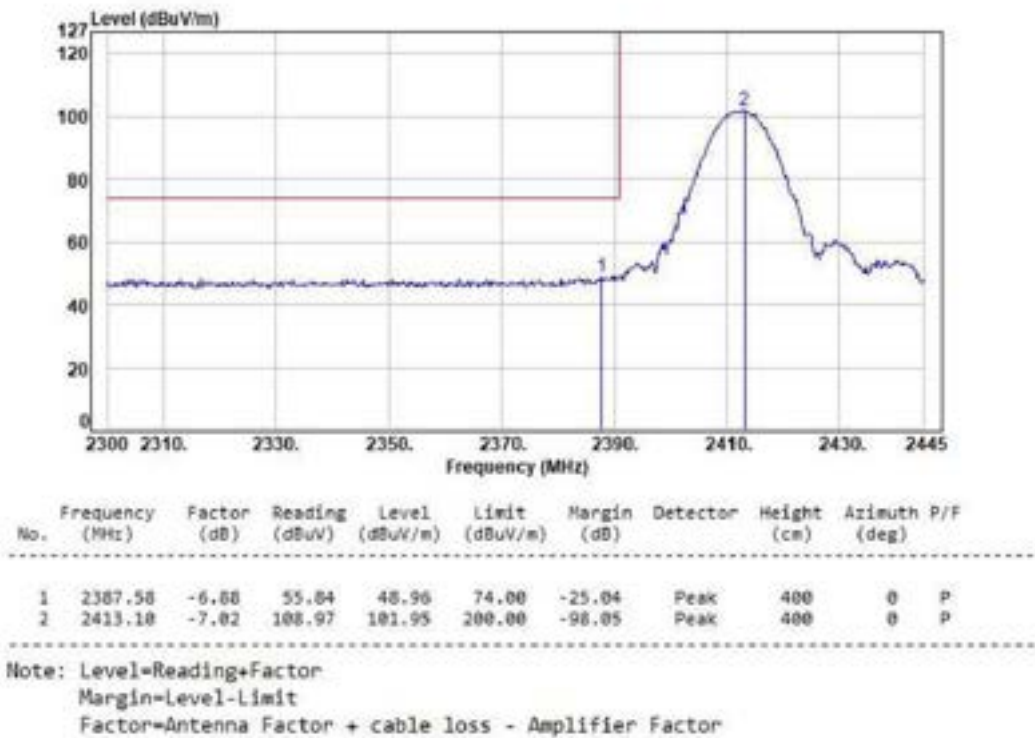
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



SISO ANT A

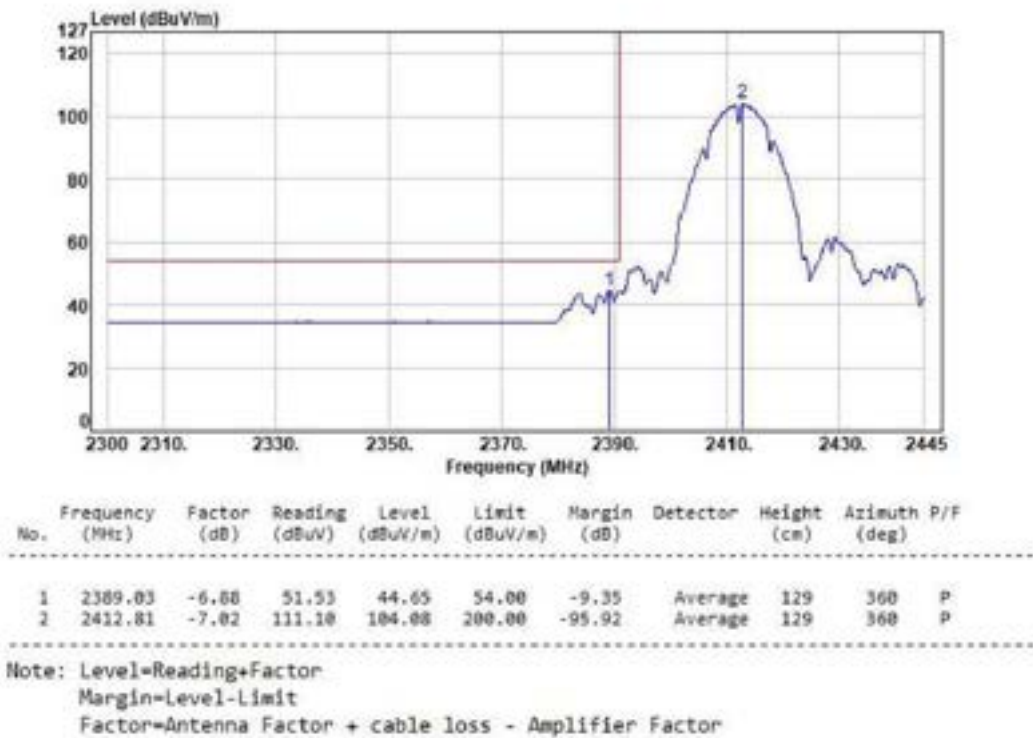
Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





SISO ANT A

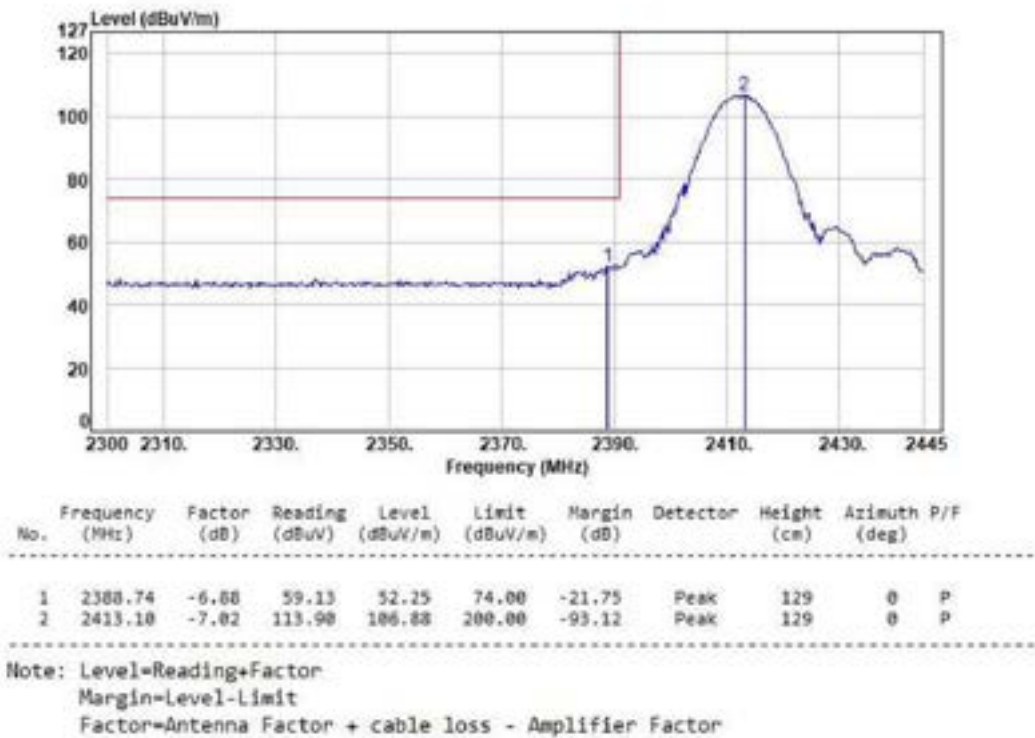
Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





SISO ANT A

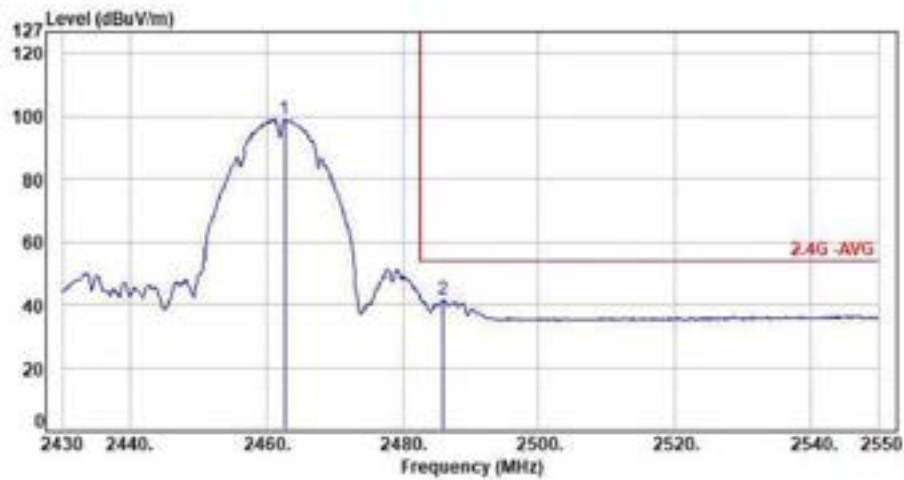
Test Mode : 1TX 11b CH01 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal





SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical



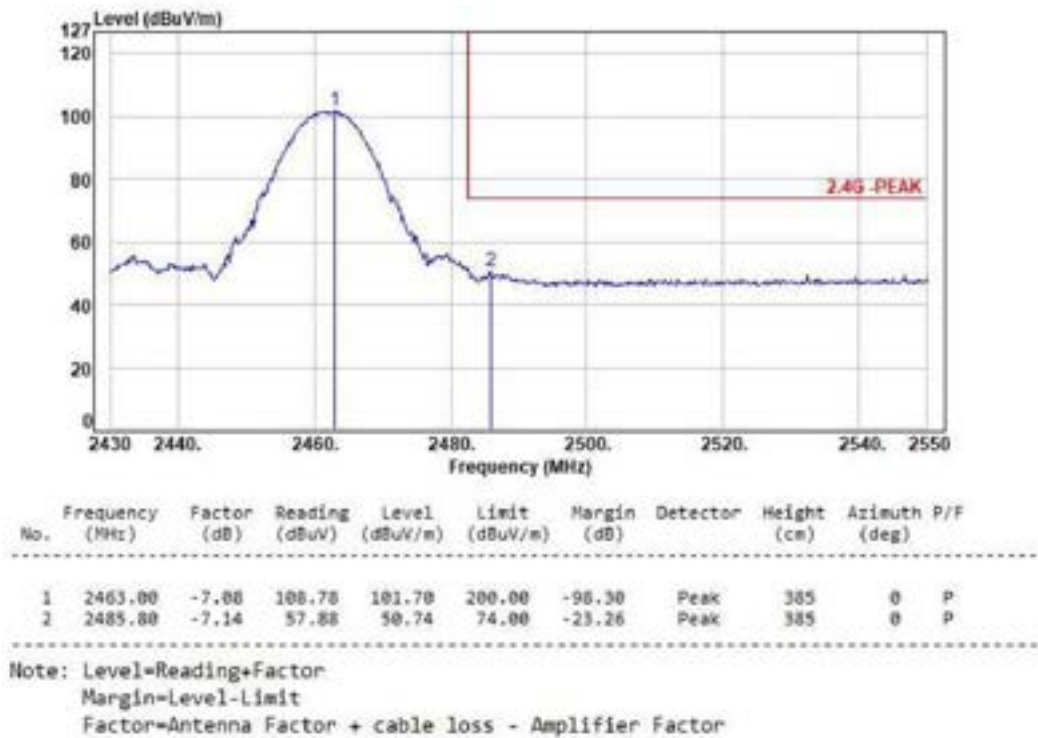
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.64	-7.88	106.26	99.18	200.00	-100.82	Average	385	360	P
2	2485.80	-7.14	48.45	41.31	54.00	-12.69	Average	385	360	P

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



SISO ANT A

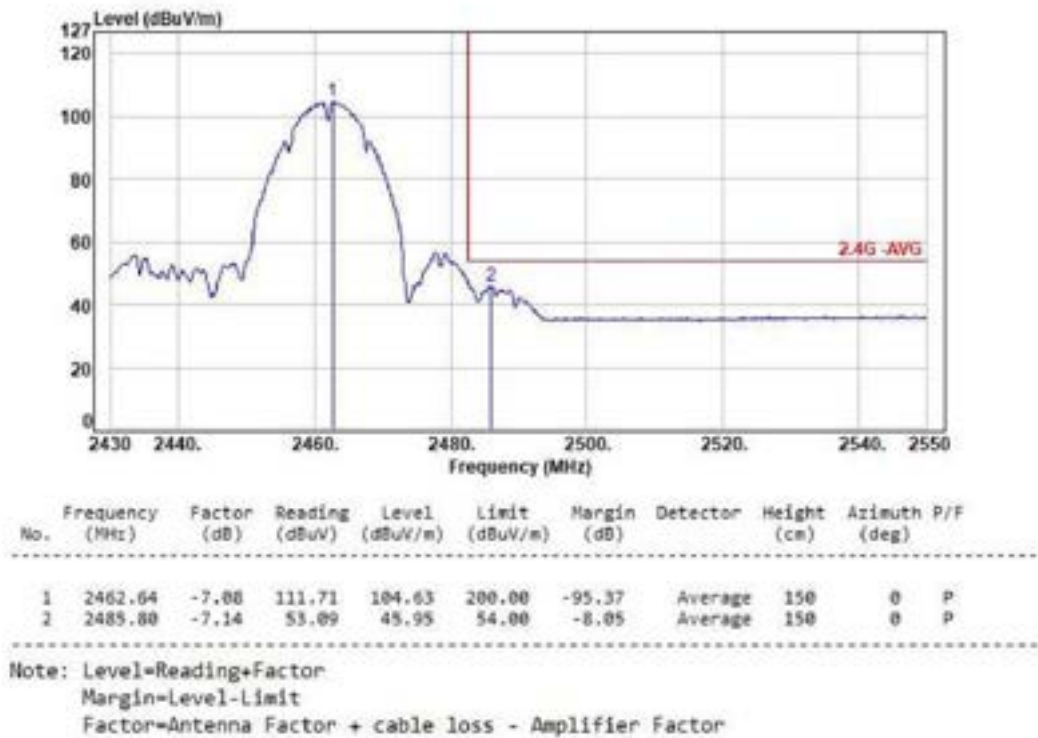
Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





SISO ANT A

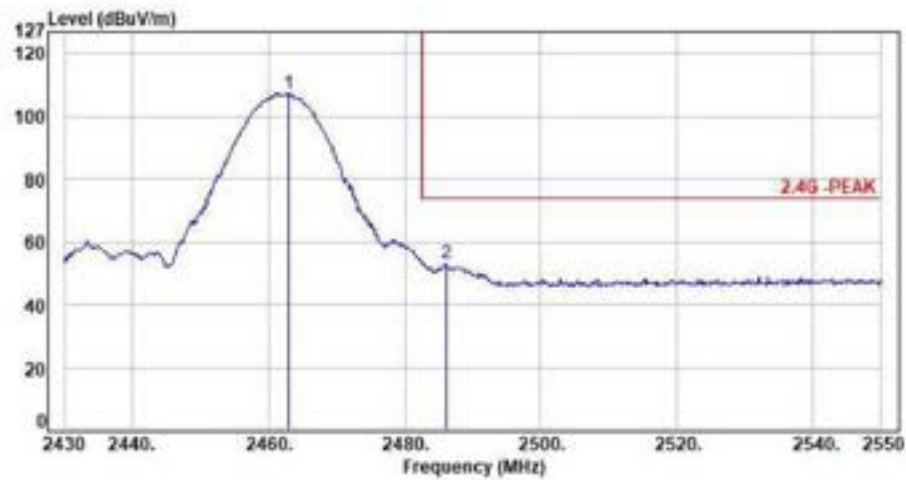
Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC128V/60Hz)
Pol : Horizontal





SISO ANT A

Test Mode : 1TX 11b CH11 1Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal



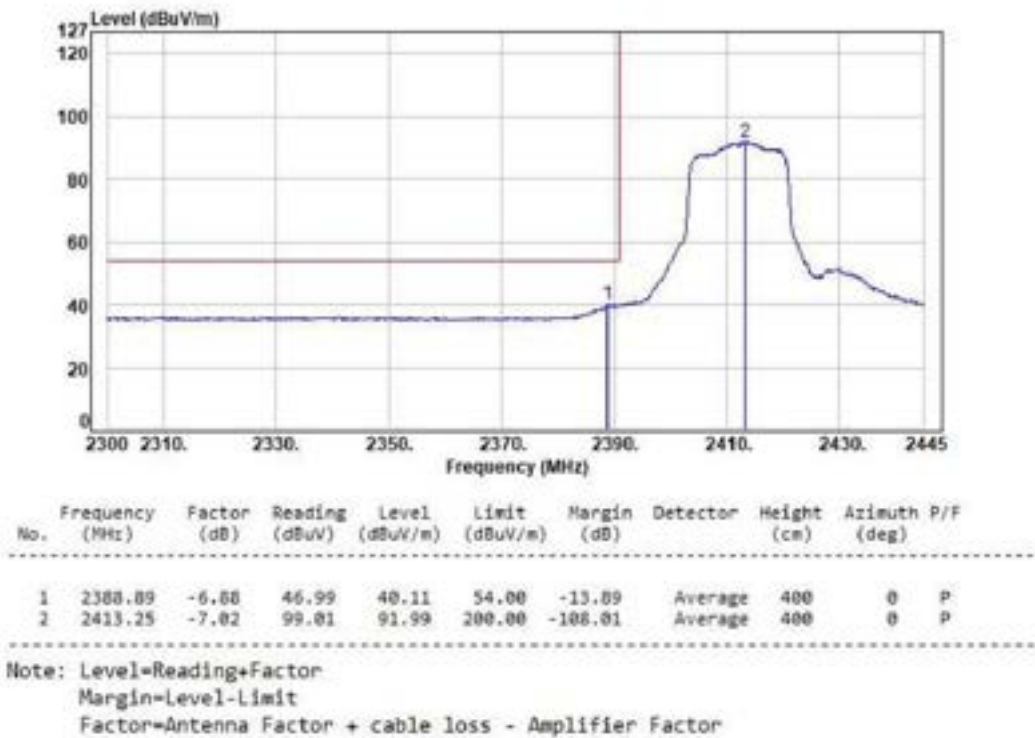
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	2462.88	-7.88	114.25	107.17	200.00	-92.83	Peak	150	360	P
2	2486.04	-7.14	60.04	52.90	74.00	-21.10	Peak	150	360	P

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



SISO ANT A

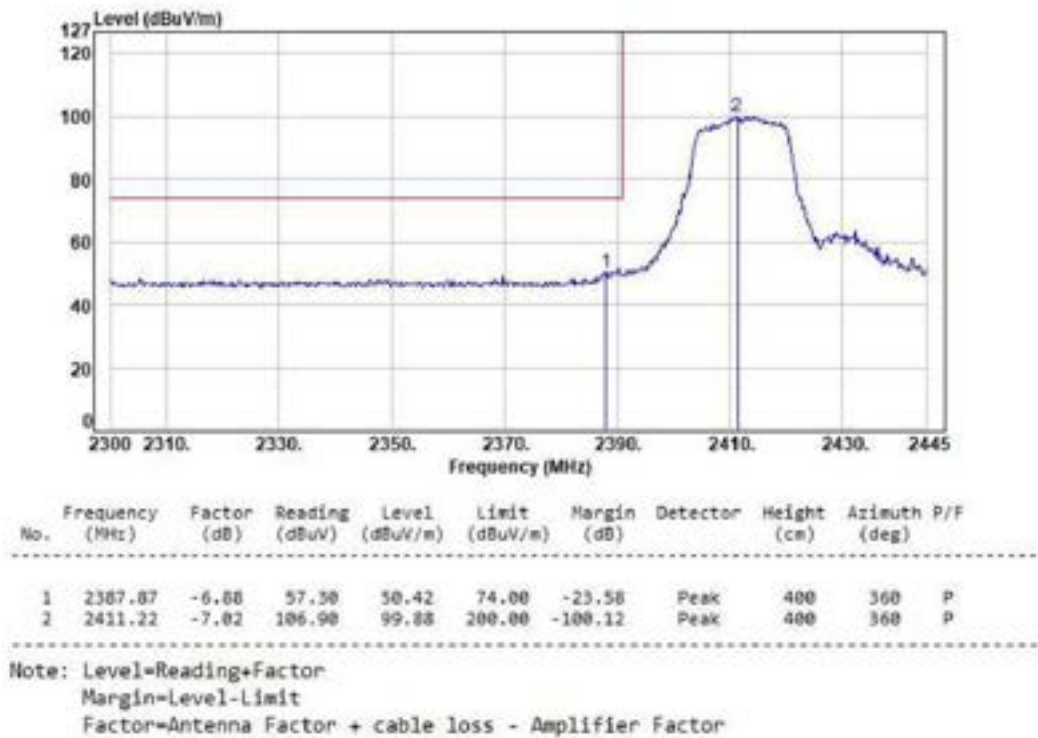
Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC128V/60Hz)
Pol : Vertical





SISO ANT A

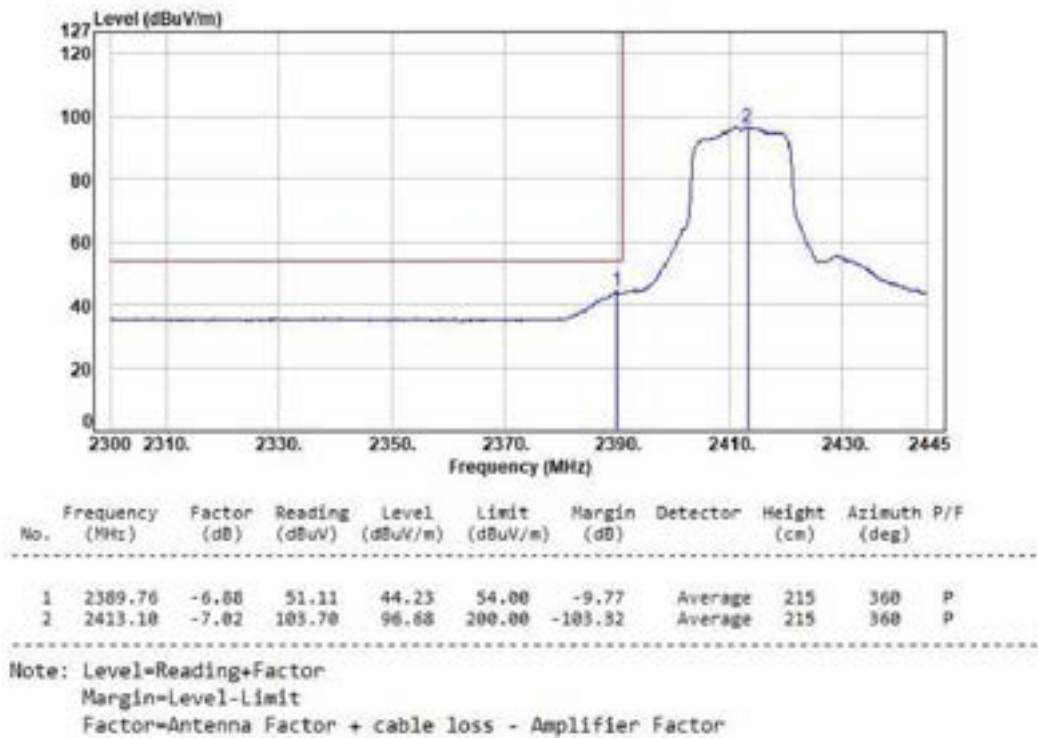
Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Vertical





SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC128V/60Hz)
Pol : Horizontal





SISO ANT A

Test Mode : 1TX 11g CH01 6Mbps
Voltage : From Adapter(AC120V/60Hz)
Pol : Horizontal

