



FCC RADIO TEST REPORT

Applicant : Acer Incorporated

Address : 8F, 88, Sec. 1, Xintai 5th Rd., Xizhi Dist., New Taipei
City, 22181, Taiwan

Equipment : Notebook Computer

Model No. : N26ED1*** (* can be 0-9, a-z, A-Z, "(", ")", "-", "/", "\",
"_" or blank for the marketing purpose)

Marketing Name : AL16-63P, AL16-63T, AL16-64P, AL16-64T,
AL16-57P

Trade Name : Acer

FCC ID : 2BFLD-CDW61852BEOO

I HEREBY CERTIFY THAT :

The sample was received on Apr. 16, 2026 and the testing was completed on Jun. 01, 2026 at Cerpass Technology Corp. The test result refers exclusively to the test presented test model / sample. Without written approval of Cerpass Technology Corp., the test report shall not be reproduced except in full.

Approved by:

Mark Liao / Supervisor

Laboratory Accreditation:

Cerpass Technology Corporation Test Laboratory



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History of this test report

Report No.	Issued Date	Description
26040238-TRFCC04	Jun. 05, 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 E §15.407

KDB 789033

FCC Rule	Description of Test	Result
15.207(a)	AC Power Line Conducted Emission	PASS
15.407(b) 15.209	Radiated Spurious Emission	PASS
15.407 (a) & (a)(3)	Average Power	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.

*This EUT has been also tested and compiled with the requirement of FCC Part 15, Subpart B, recorded in a separate test report(26040238-TEFV01).



2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

Operation Frequency Range	BT / BLE: 2400-2483.5MHz 2.4GHz: 802.11b/g/n/ax: 2400-2483.5MHz 5GHz: 802.11a/n/ac/ax: 5150-5250MHz, 5725-5850MHz
Center Frequency Range	BT / BLE: 2402MHz-2480MHz 2.4GHz: 802.11b/g/n/ax: 2412MHz-2472MHz 5GHz: 802.11a/n/ac/ax: 5180-5240MHz, 5745-5825MHz
Modulation Type	BT: GFSK, $\pi/4$ -DQPSK, 8DPSK BLE: GFSK 2.4GHz: 802.11b: CCK, DQPSK, DBPSK 802.11g/n: BPSK, QPSK, 16QAM, 64QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM 5GHz: 802.11n/a: BPSK, QPSK, 16QAM, 64QAM 802.11ac: BPSK, QPSK, 16QAM, 64QAM, 256QAM 802.11ax: BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM
Modulation Technology	DSSS, OFDM, FHSS, DTS, OFDMA
Data Rate	BT: GFSK: 1Mbps, $\pi/4$ -DQPSK: 2Mbps, 8DPSK: 3Mbps BLE: 1Mbps, 2Mbps 2.4GHz: 802.11b: 1, 2, 5.5, 11Mbps 802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ax: MCS0 – MCS11, HE20/40 5GHz: 802.11a: 6, 9, 12, 18, 24, 36, 48, 54Mbps 802.11n: MCS0 – MCS15, HT20/40 802.11ac: MCS0 – MCS9, VHT20/40/80 802.11ax: MCS0 – MCS11, HE20/40/80
Antenna Type	FPC Antenna
Antenna Gain	For BT/BLE: 2400-2483.5MHz: ANT Aux: 1.93dBi For WLAN: 2400-2483.5MHz: ANT Main: 1.20dB, ANT Aux: 1.93dBi 5150-5250MHz: ANT Main: 0.42dBi, ANT Aux: 2.10dBi 5725-5850MHz: ANT Main: 0.67dBi, ANT Aux: 1.95dBi

Note:

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



The devices can be installed inside the EUT are listed below (For this M/B with AMD CPU):

Component	Vendor	Description
M/B	UMA	EM_AKK327_441B
CPU	AMD	Product Description of Processor Manufacturer and Max Speed up to and include 2GHz.
Panel	K&D	KD160YYYYY (Y=0-9, A-Z or blank)
	CSOT	MNG007YYYYY (Y=0-9, A-Z or blank)
Memory		On board
SSD		Up to 1024GB
Battery		One re-chargeable battery pack
WLAN	Realtek	CDW-61852BE-00
Camera		HD Camera
Adapter	DELTA	ADP-65KE D
	LITE-ON	PA-1650-58
	CHICONY	A20-065N3A

* Test Model: 1. For Model No: N26ED1, Marketing Name: AL16-63P (RF Module: CDW-61852BE-00)

2. Test Panel: CSOT \ MNG007QS2-3 is worst case.

3. Test Adapter : CHICONY/ A20-065N3A is worst case.

The I/O ports are listed below:

I/O Port Type	Quantity
HDMI Port	one
Type-C Port	two
USB 3.0 Port	two
Audio	one
Micro SD Slot	one

2.2. The Difference of Model No.

The differences between model numbers is marketing purpose.



2.3. Carrier Frequency of Channels

Band: 5150MHz-5250MHz

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

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*42	5210

Band: 5725MHz-5850MHz

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

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

802.11n HT40, 802.11ac VHT40, 802.11ax HE40

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

802.11ac VHT80, 802.11ax HE80

Channel	Frequency(MHz)
*155	5775

Note: Channels remarked * are selected to perform test.



(For Above 1GHz)

Below test Channel generated the worst case, they were reported as the final data.

WIFI 5GHz	Channel	Frequency (MHz)	Bandedge	1GHz ~ 5.9GHz	5.9GHz ~ 18GHz	18GHz ~ 40GHz
20Mhz	36	5180	v	v	v	--
	40	5220	v	v	v	--
	48	5240	v	v	v	v
40Mhz	38	5190	v	v	v	--
	46	5230	v	v	v	--
80Mhz	42	5210	v	v	v	--



2.4. 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, "Ax series Mp toolkit ver. 1.0.73" under Windows OS system was executed to transmit and receive data via WLAN.
- The following test modes were performed for the test:

For SISO

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11a (6Mbps) ,From Adapter ,TX Mode
Radiation Emissions (Below 1GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps) ,From Adapter ,TX Mode
Radiation Emissions ((Above 1GHz)	
Test Mode	Operating Description
1	802.11a (6Mbps) ,From Adapter ,TX Mode

Note:

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

For AC Power Line Conducted Emission, AC 120V / 60Hz is worst case.(AUX)

For AC Power Line Conducted Emission, AC 240V / 60Hz is worst case.(Main)

For Radiated Spurious Emission(Below 1GHz)&(Above 1GHz), AC 120V / 60Hz is worst case.



For MIMO

Conducted Emissions from the AC mains power ports	
Test Mode	Operating Description
1	802.11ax HE20 (7.3Mbps) ,From Adapter ,TX Mode
Radiation Emissions (Below 1GHz)	
Test Mode	Operating Description
1	802.11ax HE20 (7.3Mbps) ,From Adapter ,TX Mode
Radiation Emissions ((Above 1GHz)	
Test Mode	Operating Description
1	802.11ax HE20 (7.3Mbps) ,From Adapter ,TX Mode
2	802.11ax HE40 (14.6Mbps) ,From Adapter ,TX Mode
3	802.11ax HE80 (30.6Mbps) ,From Adapter ,TX Mode

Note:

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

For AC Power Line Conducted Emission, AC 240V / 60Hz is worst case.

For Radiated Spurious Emission(Below 1GHz)&(Above 1GHz), AC 120V / 60Hz is worst case.

The EUT incorporates a MIMO function

Modulation Type	TX CONFIGURATION
802.11a	1TX Diversity
802.11n HT20	2TX
802.11n HT40	2TX
802.11ac VHT20	2TX
802.11ac VHT40	2TX
802.11ac VHT80	2TX
802.11ax HE20	2TX
802.11ax HE40	2TX
802.11ax HE80	2TX

2.5. Description of Test System

N/A



2.6. General Information of Test

Organization	Cerpass Technology Corp.	
☒ Test Site	Cerpass Technology Corporation Test Laboratory Address: No.10, Ln. 2, Lianfu St., Luzhu Dist., Taoyuan City 33848, Taiwan (R.O.C.) Tel: +886-3-3226-888 Fax: +886-3-3226-881	
	FCC	TW1439, TW1079
	ISED Company Number	4934E
	ISED CAB identifier	TW1439
Frequency Range Investigated	Conducted: from 150kHz to 30 MHz Radiation: from 9 kHz to 40,000MHz	
Test Distance	The test distance of radiated emission from antenna to EUT is 3 M.	

Test Item	Test Site	Test period	Environmental Conditions	Tested By
RF Conducted	RFCON01-NK	2026/04/24	25.4°C / 48%	Bart Tsai
Radiated Emissions	3M03-NK	2026/05/21	24.1°C / 50%	Leon Huang
Radiated Emissions	3M03-NK	2026/05/26	25.6°C / 53%	Leon Huang
AC Power Line Conducted Emission	CON02-NK	2026/06/01	24.6°C/58%	Leon Huang



2.7. Measurement Uncertainty

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

Measurement Item	Uncertainty
AC Power Line Conduction(150K~30MHz)	±3.2dB
Radiated Spurious Emission(9KHz~30MHz)	±3.4dB
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

Test Item	Radiated Emissions				
Test Site	Semi Anechoic Room(3M03-NK)				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
Bilog Antenna	Sunol	JB1	A020514-1	2025/06/11	2026/06/10
Active Loop Antenna	Schwarzbeck	FMZB 1513	00414	2026/02/04	2027/02/03
Horn Antenna	EMCO	3116	31974	2025/10/07	2026/10/06
Horn Antenna	EMCO	3115	00031589	2026/03/11	2027/03/10
Spectrum Analyzer	ROHDE & SCHWARZ	FSV 40-N	101329	2025/06/10	2026/06/09
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2025/07/10	2026/07/09
Preamplifier	EMC INSTRUMENTS	EMC118A45V1SEE	981070	2026/04/02	2027/04/01
Preamplifier	EMC INSTRUMENTS	EMC184045	980065	2025/10/13	2026/10/12
Preamplifier	EM Electronics corp.	EM330	060659	2025/12/18	2026/12/17
Cable-4m(9k-3G)	EMEC	RG-223	18274M	2025/07/02	2026/07/01
Cable-0.5m(1G-18G)	HUBER SUHNER	SUCOFLEX 104	805443/4	2026/03/09	2027/03/08
Cable-3m(1G-18G)	HUBER SUHNER	SUCOFLEX 104	805796/4	2026/03/09	2027/03/08
Cable-3m(10M-40G)	HUBER SUHNER	SF102	804619/2	2025/10/13	2026/10/12
Cable-1m(10M-40G)	HUBER SUHNER	SF102	804398/2	2025/10/13	2026/10/12
Cable-8m(1G-26.5G)	WOKEN	WCBA-WCA203SM	CCE1374	2026/03/09	2027/03/08
Cable-4m(30M-1G)	HUBER SUHNER	RG-214	02953M	2025/07/11	2026/07/10
Cable-1m(30M-1G)	HUBER SUHNER	RG-214	05094M	2025/07/11	2026/07/10
Cable-9m(30M-1G)	HUBER SUHNER	RG-214	00402M	2025/07/11	2026/07/10
E3	AUDIX	v8.2014-8-6	RK-000529	NA	NA
High Pass Filter	Warison	WFIL-H3000-18000F-03	WR377WC2 B1	2025/10/15	2026/10/14
Highpass Filter	WOKEN	WFIL-H7000-18000F-01	WR377WC2 B2	2025/10/15	2026/10/14

Test Item	RF Conducted				
Test Site	RFCON01-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EXA Signal Analyzer	KEYSIGHT	N9010A	MY54200207	2026/04/01	2027/03/31
Power Meter	Anritsu	ML2495A	1224005	2026/01/27	2027/01/26
Power Sensor	Anritsu	MA2411B	1207295	2026/01/27	2027/01/26
Attenuator	KEYSIGHT	8491B	MY39250703	2026/01/29	2027/01/28

Test Item	AC Power Line Conducted Emission				
Test Site	CON02-NK				
Instrument	Manufacturer	Model No	Serial No	Calibration Date	Valid Date
EMI Receiver	ROHDE & SCHWARZ	ESCI	101423	2025/07/10	2026/07/09
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	102185	2025/08/28	2026/08/27
Two-Line V-Network	ROHDE & SCHWARZ	ENV216	101584	2026/01/15	2027/01/14
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 15.407 (a), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

**4.2. Antenna Construction and Directional Gain**

Antenna Type	FPC Antenna
Antenna Gain	5150-5250MHz: ANT Main:0.42dBi, ANT Aux:2.10dBi 5725-5850MHz: ANT Main: 0.67dBi, ANT Aux:1.95dBi

5150MHz -5250MHz
For Power directional gain= G_{ant} = 2.10 dBi For PSD directional gain = 4.31 (dBi)
5725MHz -5850MHz
For Power directional gain= G_{ant} = 1.95 dBi For PSD directional gain = 4.34(dBi)

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



5. Test of AC Power Line Conducted Emission

5.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz, according to the methods defined in ANSI C63.10-2020+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

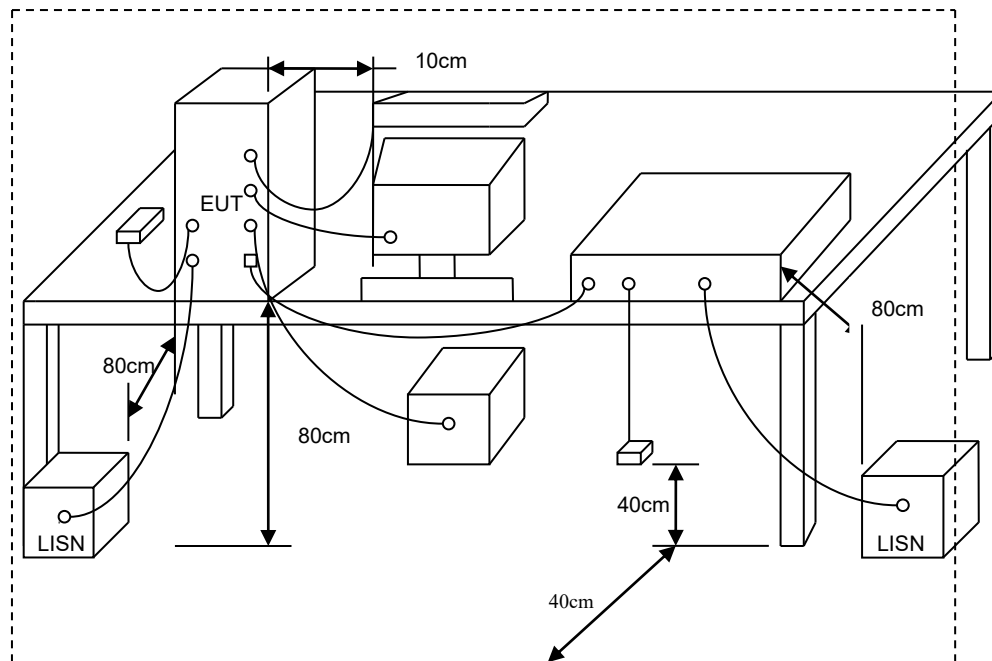
*Decreases with the logarithm of the frequency.

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



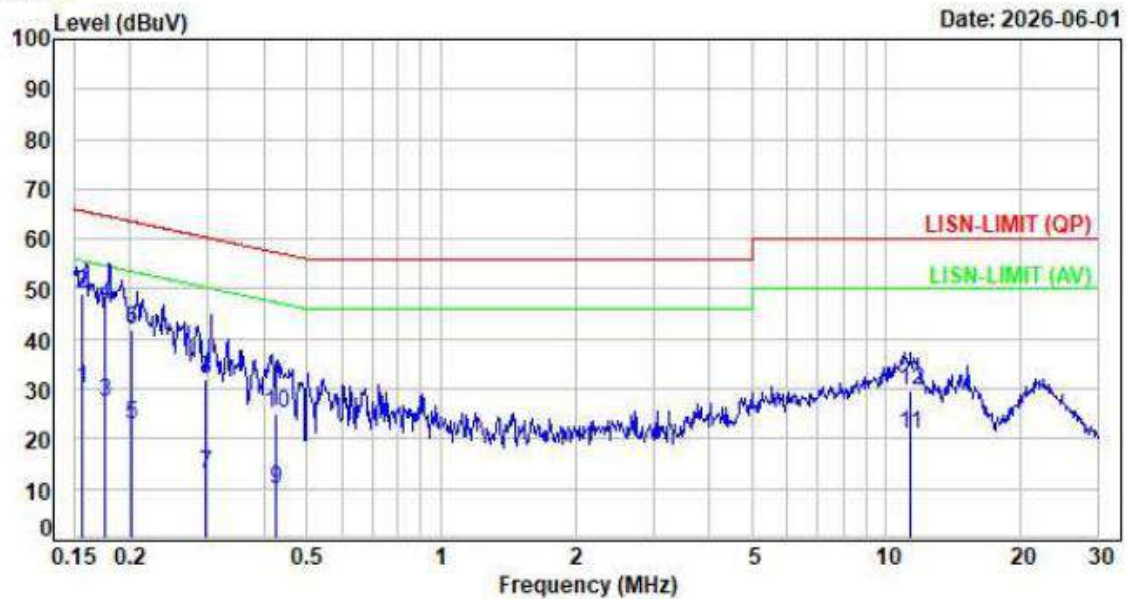


5.4. Test Result and Data

For SISO AUX

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Phase : Line

Data: 17



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1568	9.78	20.14	29.92	55.63	-25.71	Average	P
2	0.1568	9.78	39.11	48.89	65.63	-16.74	QP	P
3	0.1757	9.79	17.66	27.45	54.69	-27.24	Average	P
4	0.1757	9.79	36.93	46.72	64.69	-17.97	QP	P
5	0.2022	9.79	13.04	22.83	53.52	-30.69	Average	P
6	0.2022	9.79	31.98	41.77	63.52	-21.75	QP	P
7	0.2960	9.78	3.21	12.99	50.35	-37.36	Average	P
8	0.2960	9.78	22.01	31.79	60.35	-28.56	QP	P
9	0.4274	9.79	0.08	9.87	47.30	-37.43	Average	P
10	0.4274	9.79	15.31	25.10	57.30	-32.20	QP	P
11	11.2946	10.04	11.02	21.06	50.00	-28.94	Average	P
12	11.2946	10.04	19.54	29.58	60.00	-30.42	QP	P

Note: Level=Reading+Factor

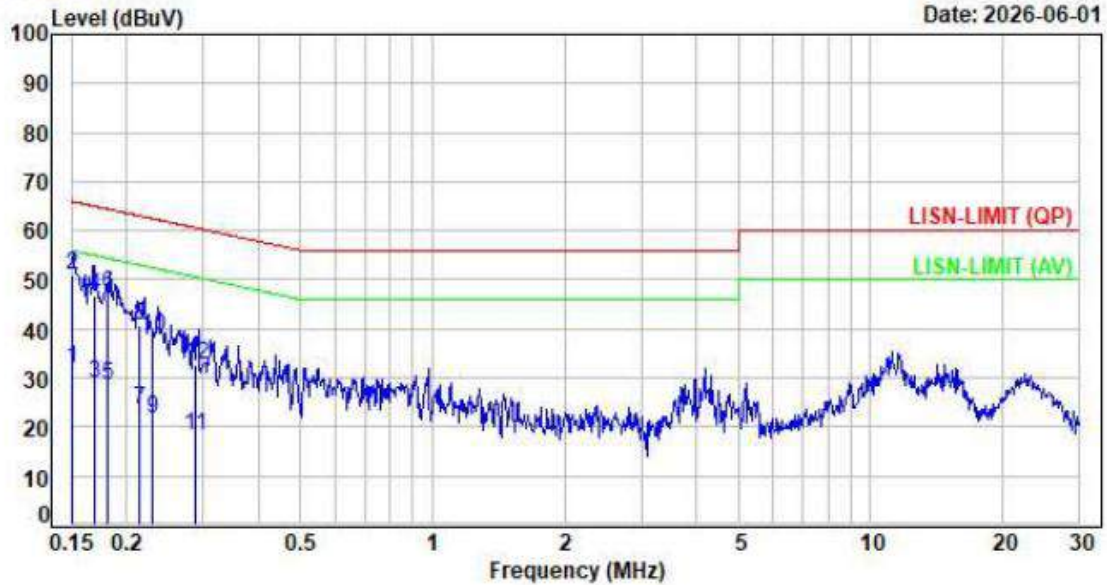
Margin=Level-Limit

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



Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Phase : Neutral

Data: 18



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1504	9.79	21.97	31.76	55.98	-24.22	Average	P
2	0.1504	9.79	41.03	50.82	65.98	-15.16	QP	P
3	0.1685	9.79	19.27	29.06	55.03	-25.97	Average	P
4	0.1685	9.79	36.82	46.61	65.03	-18.42	QP	P
5	0.1815	9.80	18.82	28.62	54.42	-25.80	Average	P
6	0.1815	9.80	37.53	47.33	64.42	-17.09	QP	P
7	0.2149	9.80	13.72	23.52	53.01	-29.49	Average	P
8	0.2149	9.80	30.93	40.73	63.01	-22.28	QP	P
9	0.2300	9.80	12.06	21.86	52.45	-30.59	Average	P
10	0.2300	9.80	28.69	38.49	62.45	-23.96	QP	P
11	0.2873	9.79	8.55	18.34	50.60	-32.26	Average	P
12	0.2873	9.79	22.92	32.71	60.60	-27.89	QP	P

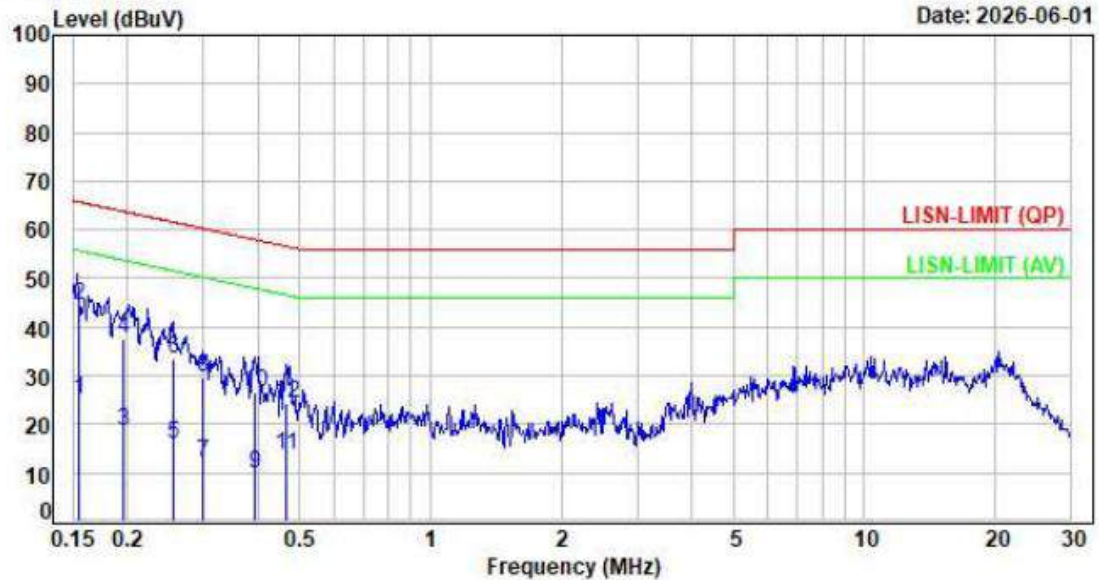
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



For SISO Main

Test Mode : 1TX 11a CH157 6Mbps
Voltage : From Adapter(AC 240V/60Hz)
Phase : Line

Data: 23



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1549	9.78	15.30	25.08	55.73	-30.65	Average	P
2	0.1549	9.78	34.75	44.53	65.73	-21.20	QP	P
3	0.1963	9.79	8.77	18.56	53.76	-35.20	Average	P
4	0.1963	9.79	27.86	37.65	63.76	-26.11	QP	P
5	0.2550	9.79	6.05	15.84	51.59	-35.75	Average	P
6	0.2550	9.79	23.79	33.58	61.59	-28.01	QP	P
7	0.2983	9.78	2.33	12.11	50.29	-38.18	Average	P
8	0.2983	9.78	20.03	29.81	60.29	-30.48	QP	P
9	0.3924	9.79	0.06	9.85	48.01	-38.16	Average	P
10	0.3924	9.79	16.78	26.57	58.01	-31.44	QP	P
11	0.4647	9.79	3.71	13.50	46.61	-33.11	Average	P
12	0.4647	9.79	14.52	24.31	56.61	-32.30	QP	P

Note: Level=Reading+Factor

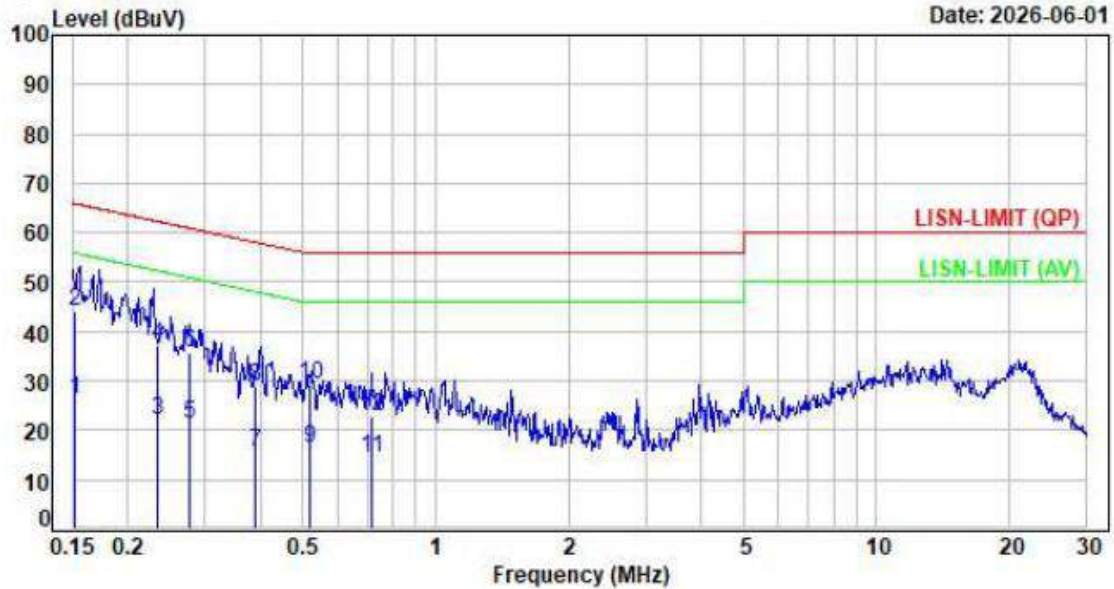
Margin=Level-Limit

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



Test Mode : 1TX 11a CH157 6Mbps
Voltage : From Adapter(AC 240V/60Hz)
Phase : Neutral

Data: 24



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1525	9.79	16.36	26.15	55.86	-29.71	Average	P
2	0.1525	9.79	34.37	44.16	65.86	-21.70	QP	P
3	0.2337	9.80	12.19	21.99	52.32	-30.33	Average	P
4	0.2337	9.80	27.51	37.31	62.32	-25.01	QP	P
5	0.2759	9.80	11.48	21.28	50.94	-29.66	Average	P
6	0.2759	9.80	26.05	35.85	60.94	-25.09	QP	P
7	0.3903	9.80	5.79	15.59	48.06	-32.47	Average	P
8	0.3903	9.80	19.26	29.06	58.06	-29.00	QP	P
9	0.5191	9.80	6.55	16.35	46.00	-29.65	Average	P
10	0.5191	9.80	19.39	29.19	56.00	-26.81	QP	P
11	0.7134	9.80	4.77	14.57	46.00	-31.43	Average	P
12	0.7134	9.80	13.06	22.86	56.00	-33.14	QP	P

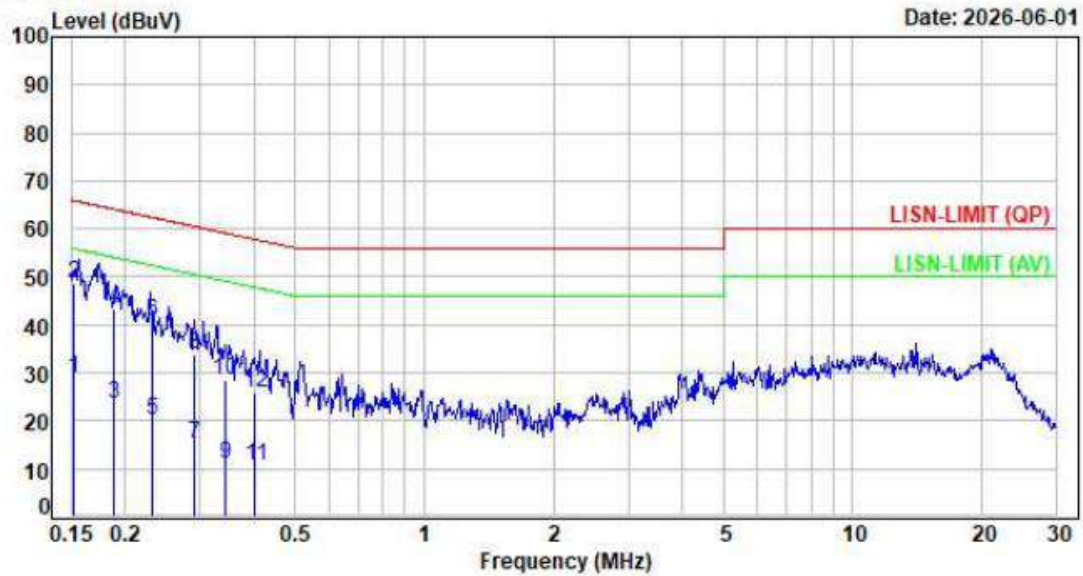
Note: Level=Reading+Factor
Margin=Level-Limit
Factor=(LISN or ISN or Current Probe)Factor + Cable Loss



For MIMO

Test Mode : 2TX 11ax20 CH48 MCS0
Voltage : From Adapter(AC 240V/60Hz)
Phase : Line

Data: 31



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1522	9.78	19.19	28.97	55.88	-26.91	Average	P
2	0.1522	9.78	38.74	48.52	65.88	-17.36	QP	P
3	0.1891	9.79	13.84	23.63	54.08	-30.45	Average	P
4	0.1891	9.79	33.65	43.44	64.08	-20.64	QP	P
5	0.2321	9.79	10.52	20.31	52.38	-32.07	Average	P
6	0.2321	9.79	30.90	40.69	62.38	-21.69	QP	P
7	0.2892	9.78	5.54	15.32	50.55	-35.23	Average	P
8	0.2892	9.78	23.88	33.66	60.55	-26.89	QP	P
9	0.3416	9.79	1.21	11.00	49.16	-38.16	Average	P
10	0.3416	9.79	18.67	28.46	59.16	-30.70	QP	P
11	0.4021	9.79	0.78	10.57	47.81	-37.24	Average	P
12	0.4021	9.79	15.90	25.69	57.81	-32.12	QP	P

Note: Level=Reading+Factor

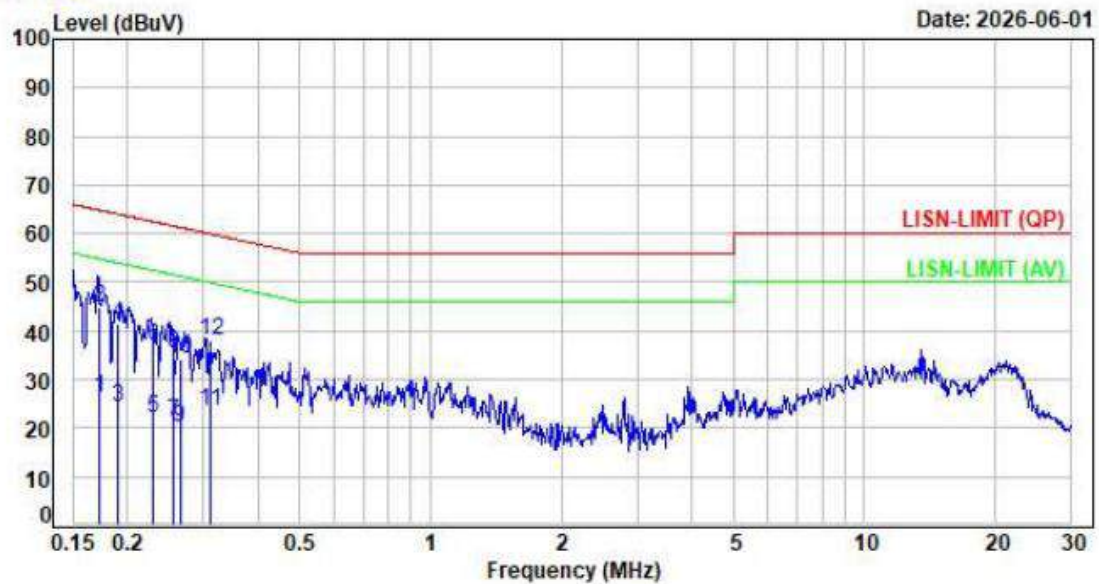
Margin=Level-Limit

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



Test Mode : 2TX 11ax20 CH48 MCS0
Voltage : From Adapter(AC 240V/60Hz)
Phase : Neutral

Data: 32



No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1724	9.79	16.37	26.16	54.84	-28.68	Average	P
2	0.1724	9.79	34.92	44.71	64.84	-20.13	QP	P
3	0.1907	9.80	14.57	24.37	54.01	-29.64	Average	P
4	0.1907	9.80	31.74	41.54	64.01	-22.47	QP	P
5	0.2302	9.80	12.19	21.99	52.44	-30.45	Average	P
6	0.2302	9.80	27.16	36.96	62.44	-25.48	QP	P
7	0.2566	9.80	11.44	21.24	51.54	-30.30	Average	P
8	0.2566	9.80	25.39	35.19	61.54	-26.35	QP	P
9	0.2644	9.80	10.23	20.03	51.29	-31.26	Average	P
10	0.2644	9.80	24.52	34.32	61.29	-26.97	QP	P
11	0.3097	9.79	13.63	23.42	49.98	-26.56	Average	P
12	0.3097	9.79	28.13	37.92	59.98	-22.06	QP	P

Note: Level=Reading+Factor

Margin=Level-Limit

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



6. Test of Spurious Emission (Radiated)

6.1. Test Limit

Undesirable emission limits. Except as shown in paragraph (b)(7) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

- (1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
- (4) For transmitters operating in the 5.725-5.85 GHz band:
All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27dBm/MHz at the band edge.
- (5) The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
- (6) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.
- (7) The provisions of §15.205 apply to intentional radiators operating under this section.
- (8) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the upper and lower frequency band edges as the design of the equipment permits.



6.2. Test Procedures

- a. The EUT was placed on a rotatable table top 0.8 meter above ground.
- b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- c. The table was rotated 360 degrees to determine the position of the highest radiation.
- d. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- e. For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- h. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- i. "Cone of radiation" has been considered to be 3dB bandwidth of the measurement antenna.

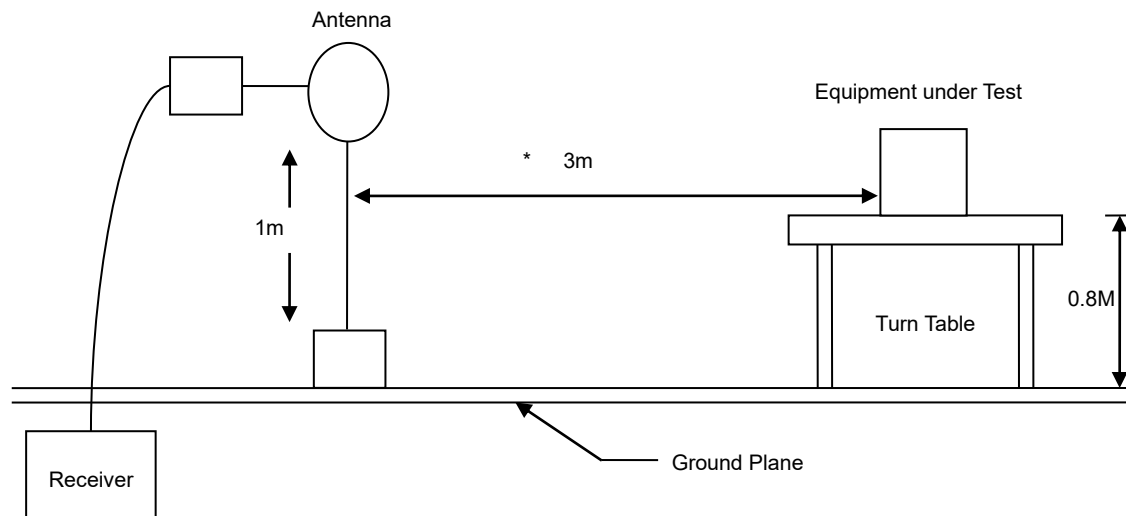
Note:

- 1.The supporting fixture shall permit orientation of the EUT in each of three orthogonal axis positions such that emissions from the EUT are maximized.
- 2.Due to the test software function limit the operation band setting(200dBuV/m). There's no corresponding limitation in the actual test item.

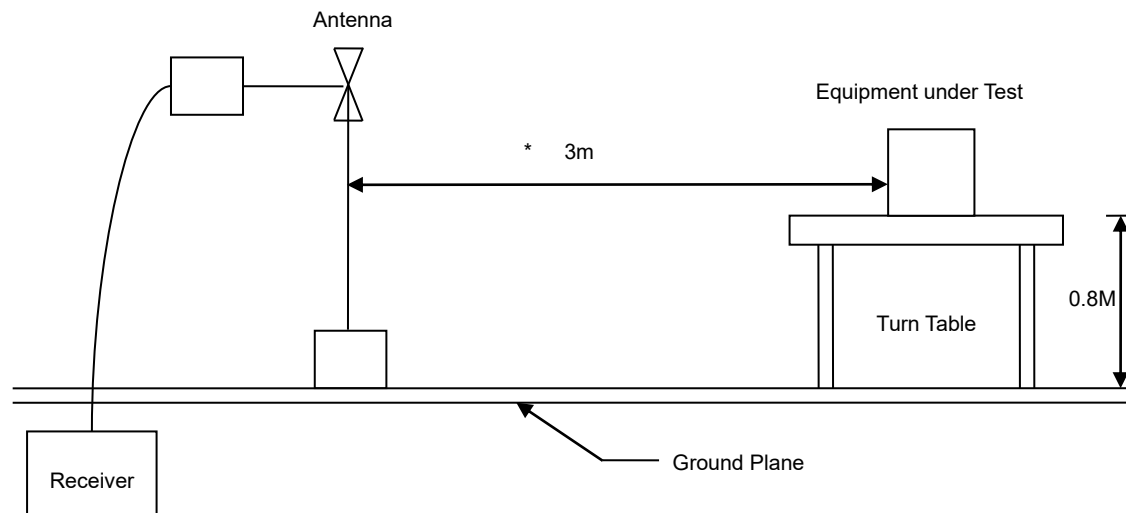


6.3. Typical Test Setup

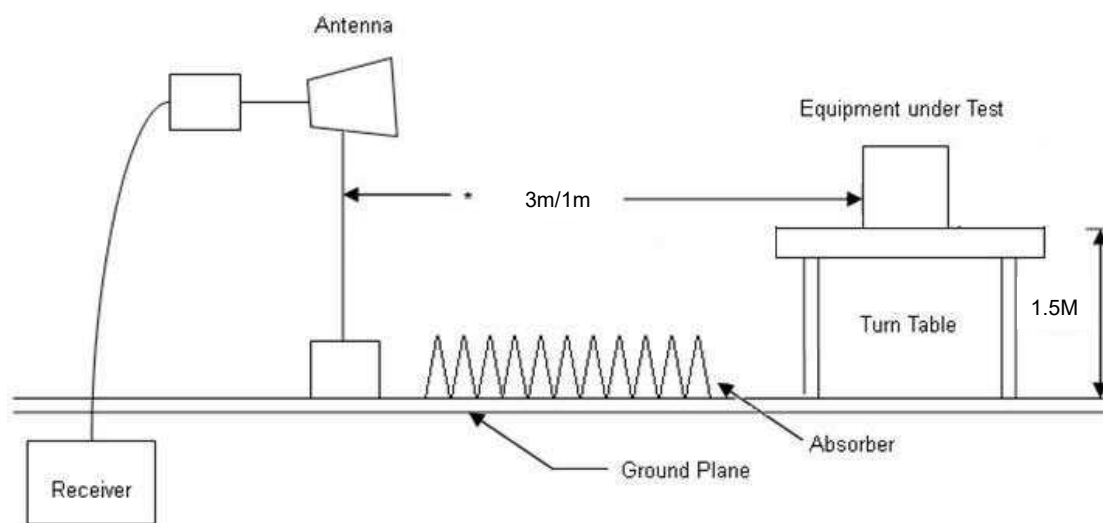
Below 30MHz test setup



30MHz- 1GHz Test Setup



Above 1GHz Test Setup





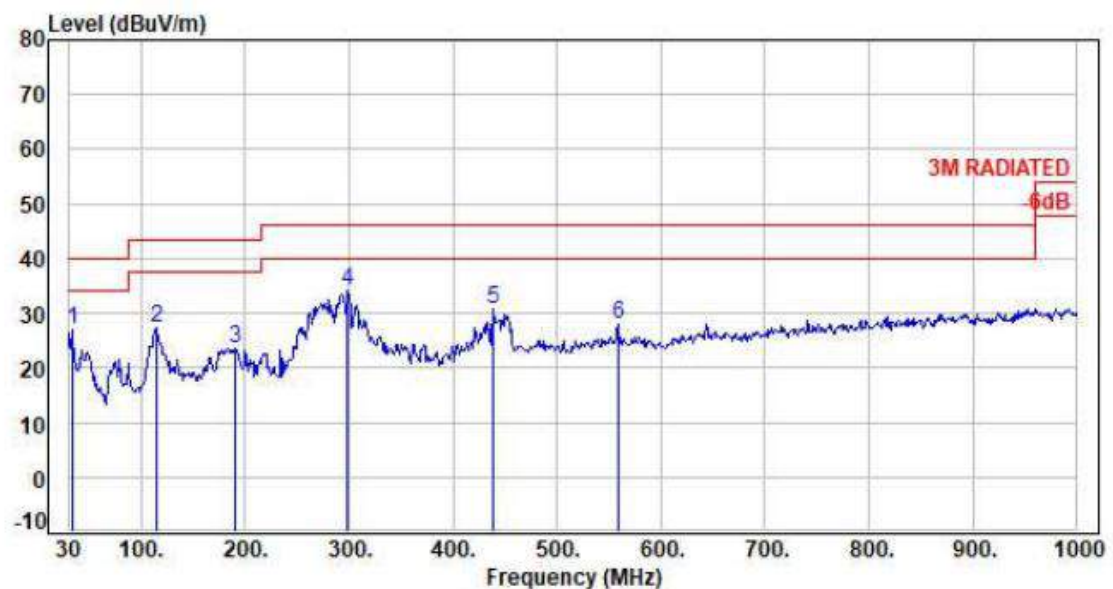
6.4. Test Result and Data (9kHz ~ 30MHz)

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

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

For SISO AUX

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/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	33.88	-5.74	32.84	27.10	40.00	-12.90	Peak	400	0	P
2	114.39	-8.87	36.14	27.27	43.50	-16.23	Peak	400	0	P
3	190.05	-10.66	34.31	23.65	43.50	-19.85	Peak	400	0	P
4	298.69	-8.24	42.44	34.20	46.00	-11.80	Peak	400	0	P
5	439.34	-4.57	35.39	30.82	46.00	-15.18	Peak	400	0	P
6	558.65	-2.50	30.49	27.99	46.00	-18.01	Peak	400	0	P

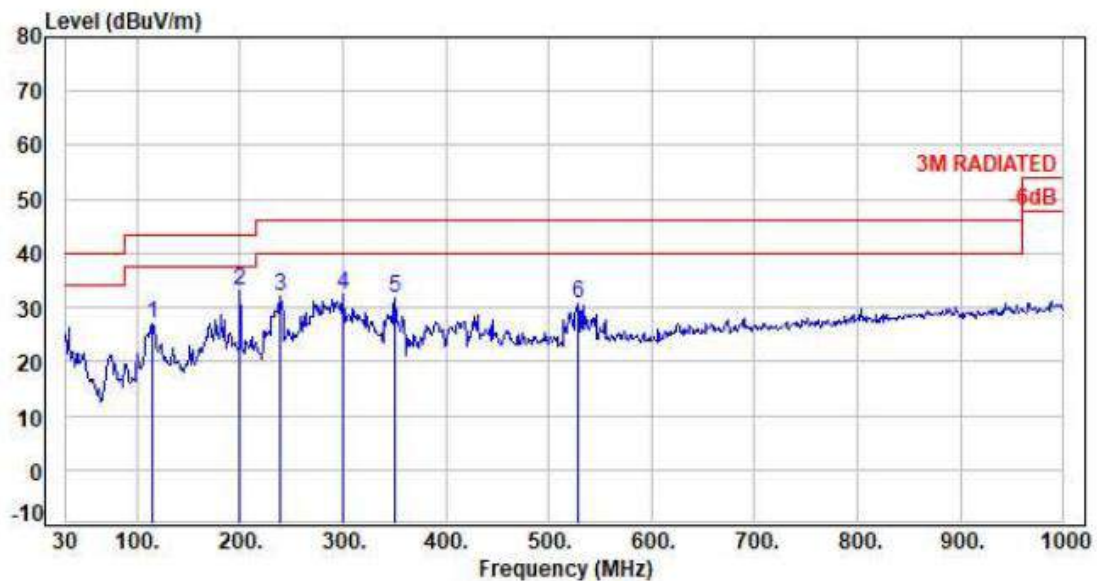
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/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	114.39	-8.87	35.77	26.90	43.50	-16.60	Peak	400	0	P
2	199.75	-9.01	42.06	33.05	43.50	-10.45	Peak	400	0	P
3	239.52	-10.36	42.61	32.25	46.00	-13.75	Peak	400	0	P
4	299.66	-8.22	40.54	32.32	46.00	-13.68	Peak	400	0	P
5	350.10	-7.29	38.87	31.58	46.00	-14.42	Peak	400	0	P
6	528.58	-3.04	33.77	30.73	46.00	-15.27	Peak	400	0	P

Note: Level=Reading+Factor

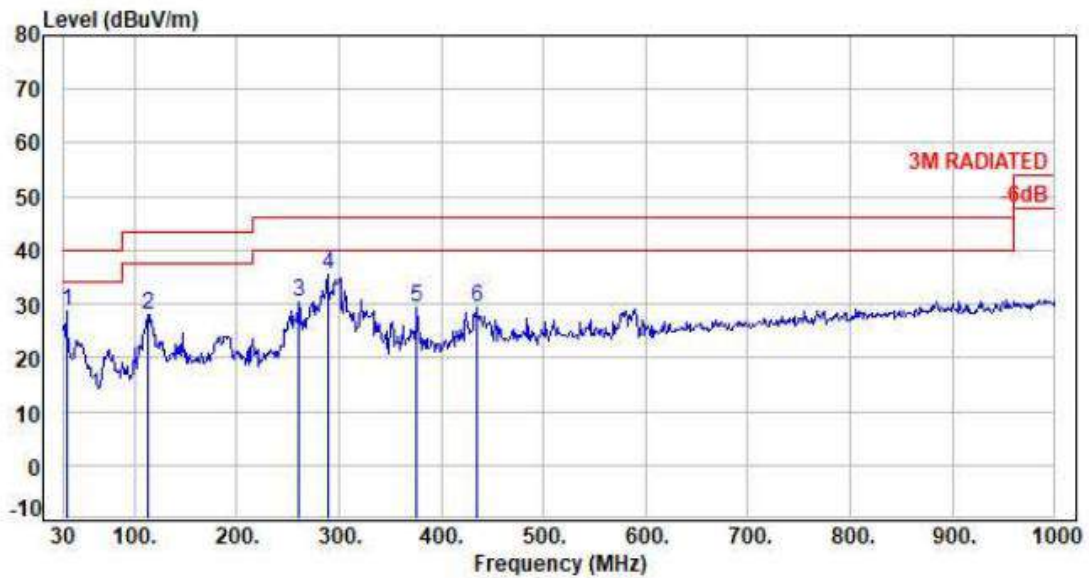
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



For SISO Main

Test Mode : 1TX 11a CH157 6Mbps
Voltage : From Adapter(AC 120V/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	33.88	-5.74	34.30	28.56	40.00	-11.44	Peak	400	0	P
2	113.42	-9.03	36.99	27.96	43.50	-15.54	Peak	400	0	P
3	260.86	-9.67	39.93	30.26	46.00	-15.74	Peak	400	0	P
4	288.99	-8.36	43.97	35.61	46.00	-10.39	Peak	400	0	P
5	376.29	-6.45	35.87	29.42	46.00	-16.58	Peak	400	0	P
6	434.49	-4.69	34.21	29.52	46.00	-16.48	Peak	400	0	P

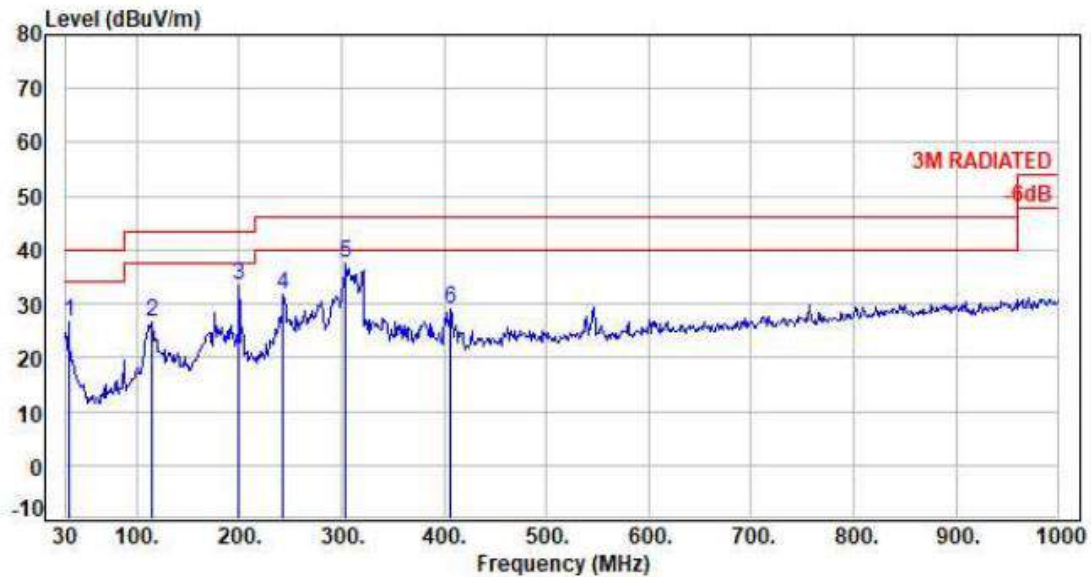
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 1TX 11a CH157 6Mbps
Voltage : From Adapter(AC 120V/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	33.88	-5.74	32.30	26.56	40.00	-13.44	Peak	400	0	P
2	114.39	-8.87	35.55	26.68	43.50	-16.82	Peak	400	0	P
3	199.75	-9.01	42.64	33.63	43.50	-9.87	Peak	400	0	P
4	243.40	-10.27	42.06	31.79	46.00	-14.21	Peak	400	0	P
5	304.51	-8.20	45.86	37.66	46.00	-8.34	Peak	400	0	P
6	406.36	-5.54	34.51	28.97	46.00	-17.03	Peak	400	0	P

Note: Level=Reading+Factor

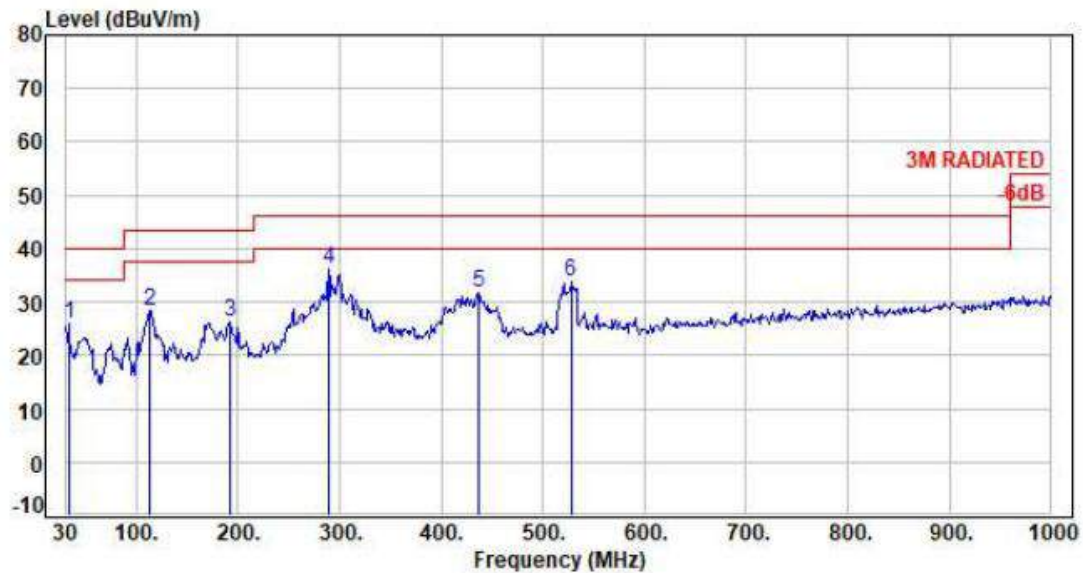
Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



For MIMO

Test Mode : 2TX 11ax20 CH48 MCS0
Voltage : From Adapter(AC 120V/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	33.88	-5.74	31.53	25.79	40.00	-14.21	Peak	400	0	P
2	113.42	-9.03	37.46	28.43	43.50	-15.07	Peak	400	0	P
3	191.99	-10.45	36.65	26.20	43.50	-17.30	Peak	400	0	P
4	289.96	-8.34	44.68	36.34	46.00	-9.66	Peak	400	0	P
5	437.40	-4.61	36.40	31.79	46.00	-14.21	Peak	400	0	P
6	527.61	-3.08	36.84	33.76	46.00	-12.24	Peak	400	0	P

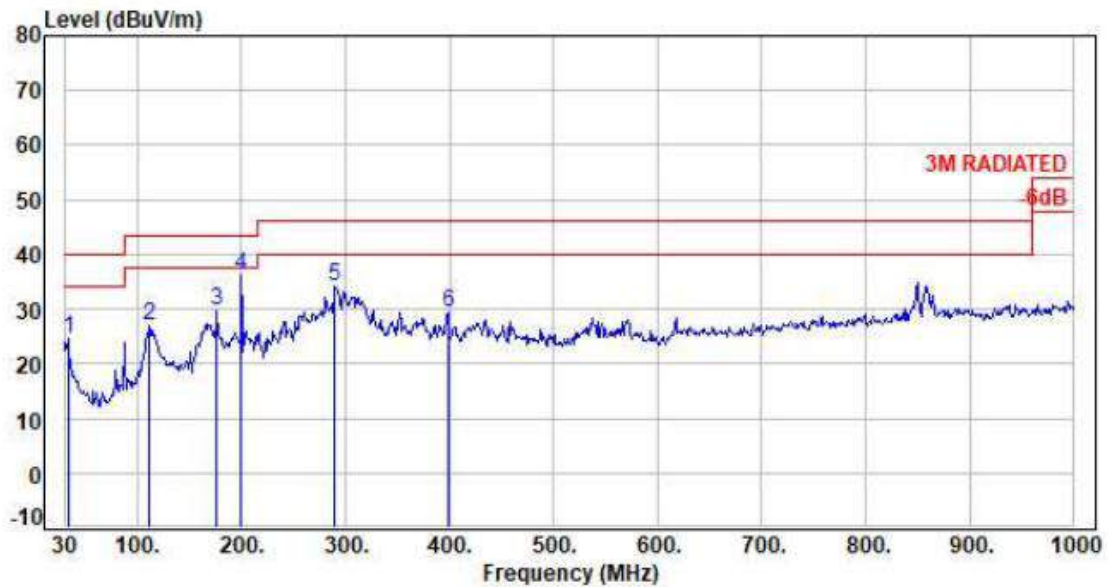
Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



Test Mode : 2TX 11ax20 CH48 MCS0
Voltage : From Adapter(AC 120V/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	33.88	-5.74	30.43	24.69	40.00	-15.31	Peak	400	0	P
2	111.48	-9.43	36.34	26.91	43.50	-16.59	Peak	400	0	P
3	176.47	-10.78	40.60	29.82	43.50	-13.68	Peak	400	0	P
4	199.75	-9.01	45.12	36.11	43.50	-7.39	Peak	400	0	P
5	289.96	-8.34	42.35	34.01	46.00	-11.99	Peak	400	0	P
6	398.60	-5.85	35.27	29.42	46.00	-16.58	Peak	400	0	P

Note: Level=Reading+Factor

Margin=Level-Limit

Factor=Antenna Factor + cable loss - Amplifier Factor



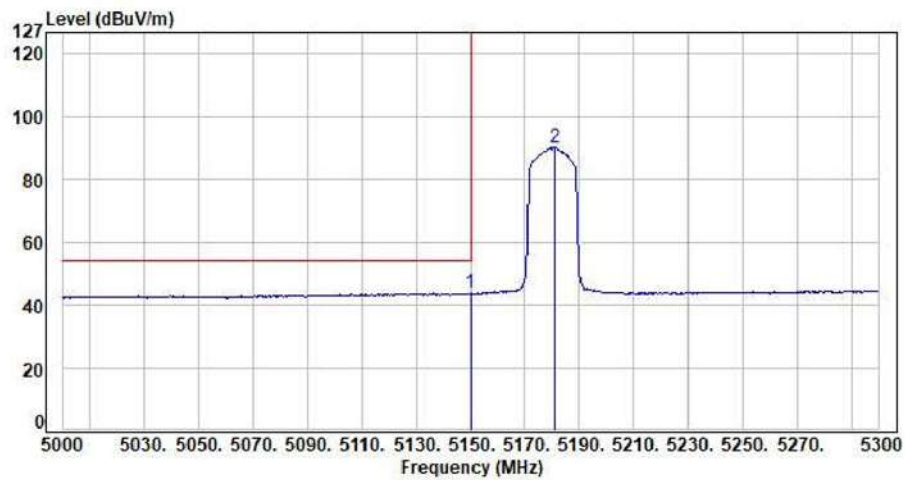
6.6. Test Result and Data (Bandedge)

For SISO AUX



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



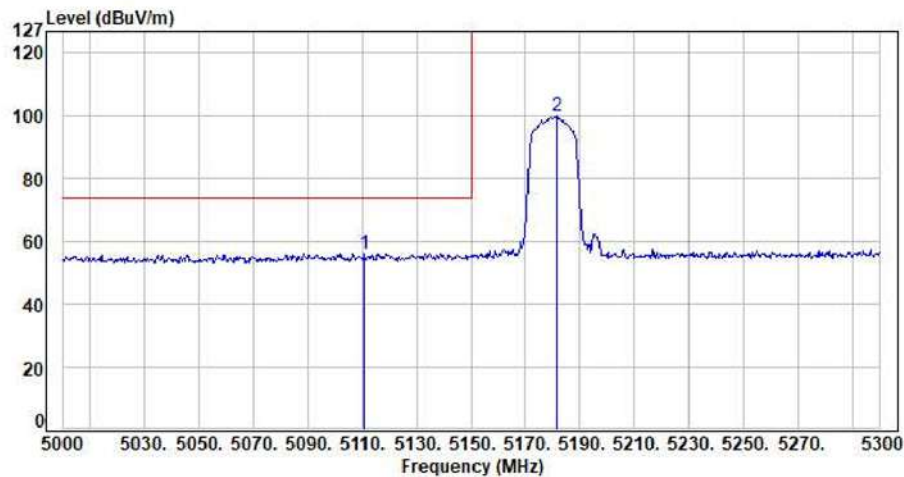
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5150.00	2.76	41.09	43.85	54.00	-10.15	Average	100	205	P
2	5180.90	2.77	87.55	90.32	200.00	-109.68	Average	100	205	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



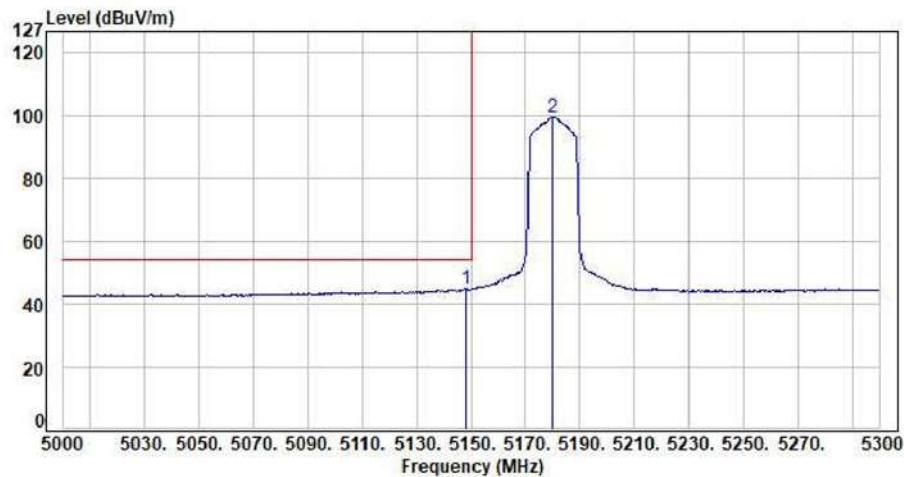
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5111.00	2.76	53.45	56.21	74.00	-17.79	Peak	100	205	P
2	5181.20	2.77	96.95	99.72	200.00	-100.28	Peak	100	205	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



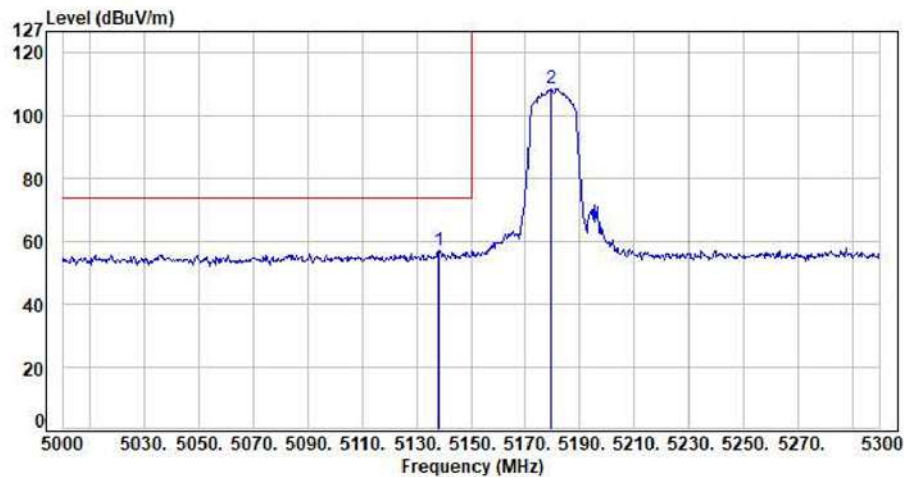
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	2.76	42.08	44.84	54.00	-9.16	Average	100	360	P
2	5179.70	2.77	96.55	99.32	200.00	-100.68	Average	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



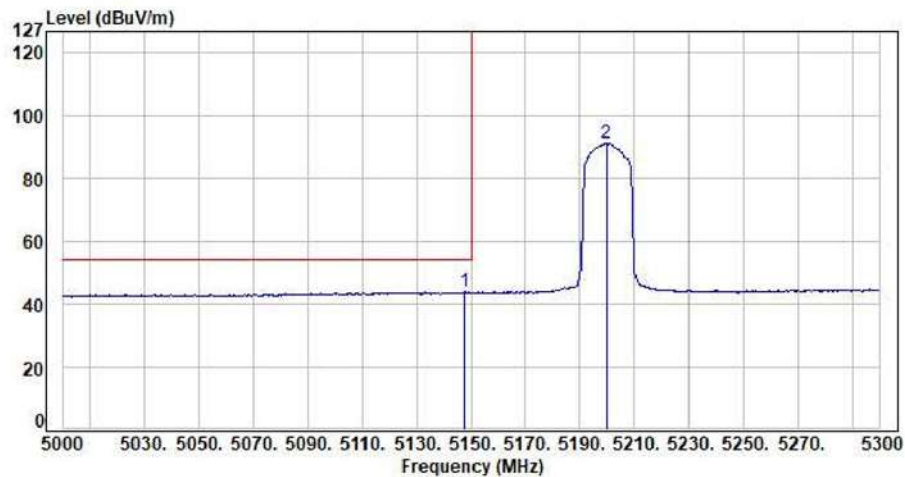
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5138.30	2.76	54.30	57.06	74.00	-16.94	Peak	100	360	P
2	5179.10	2.77	105.78	108.55	200.00	-91.45	Peak	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



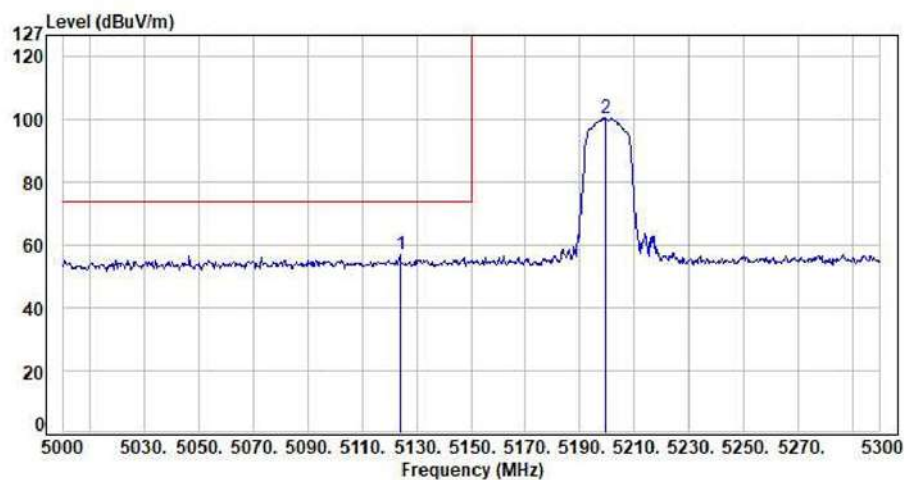
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.30	2.76	41.05	43.81	54.00	-10.19	Average	100	191	P
2	5199.50	2.77	88.52	91.29	200.00	-108.71	Average	100	191	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



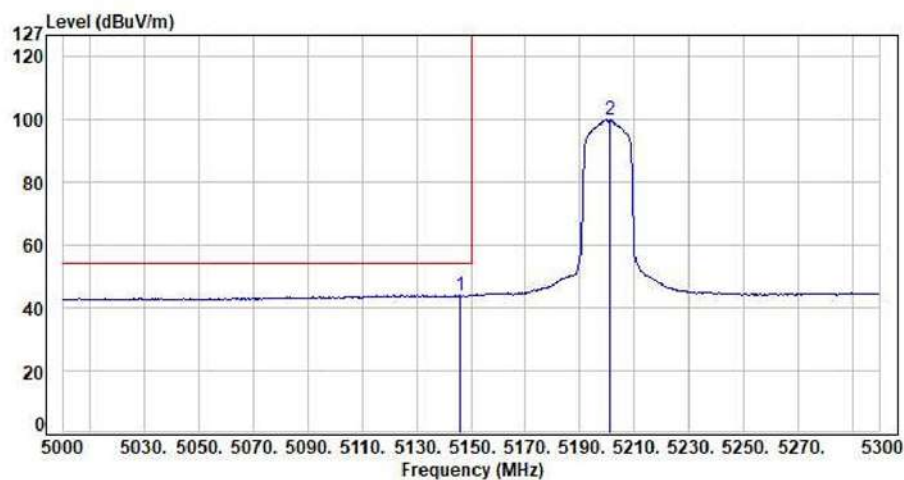
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5123.90	2.76	54.00	56.76	74.00	-17.24	Peak	100	191	P
2	5199.20	2.77	97.67	100.44	200.00	-99.56	Peak	100	191	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



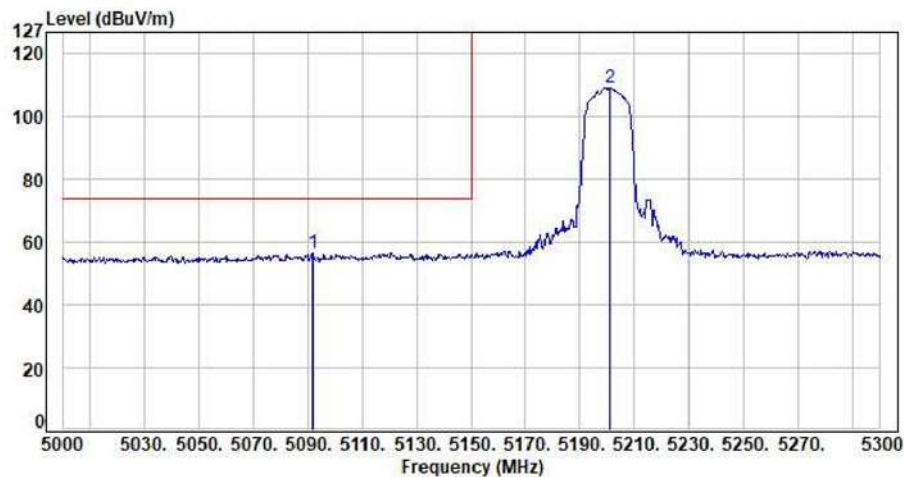
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.80	2.76	41.36	44.12	54.00	-9.88	Average	116	360	P
2	5201.00	2.77	97.14	99.91	200.00	-100.09	Average	116	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



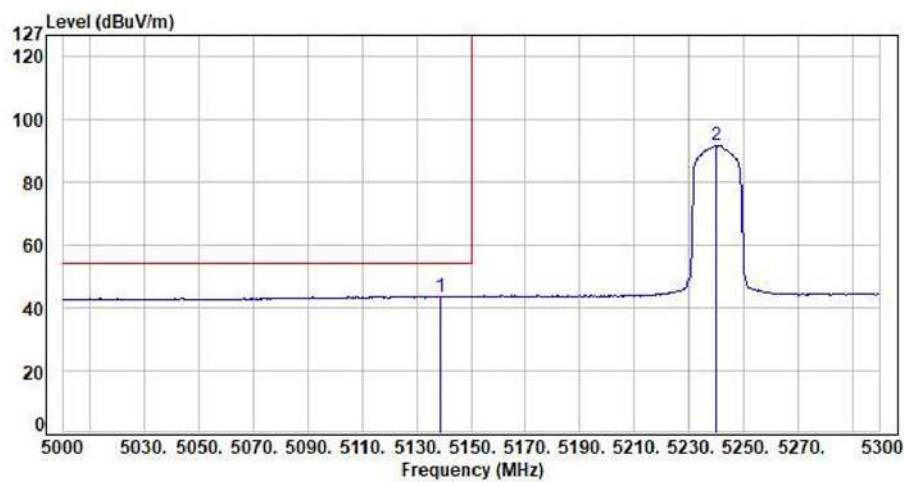
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5091.80	2.71	53.99	56.70	74.00	-17.30	Peak	116	360	P
2	5201.00	2.77	106.53	109.30	200.00	-90.70	Peak	116	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



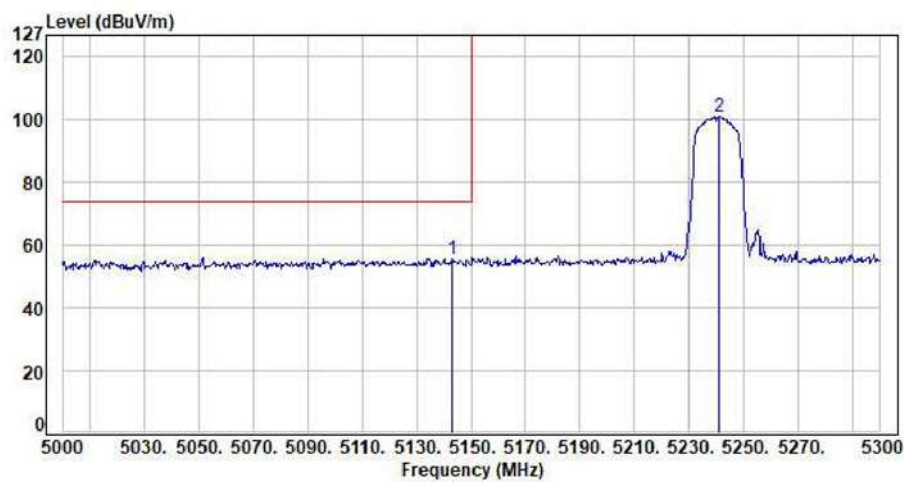
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5138.60	2.76	40.92	43.68	54.00	-10.32	Average	394	236	P
2	5239.70	2.85	88.86	91.71	200.00	-108.29	Average	394	236	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



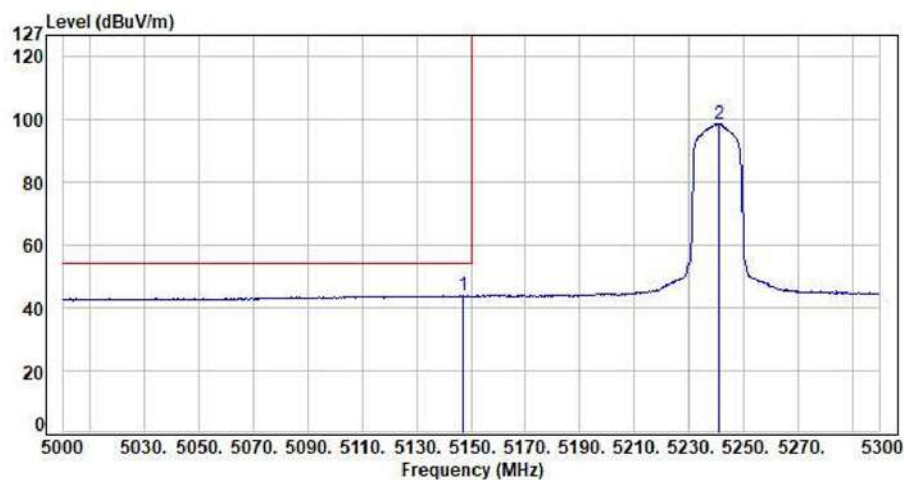
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5143.10	2.77	52.97	55.74	74.00	-18.26	Peak	394	236	P
2	5241.20	2.85	98.12	100.97	200.00	-99.03	Peak	394	236	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



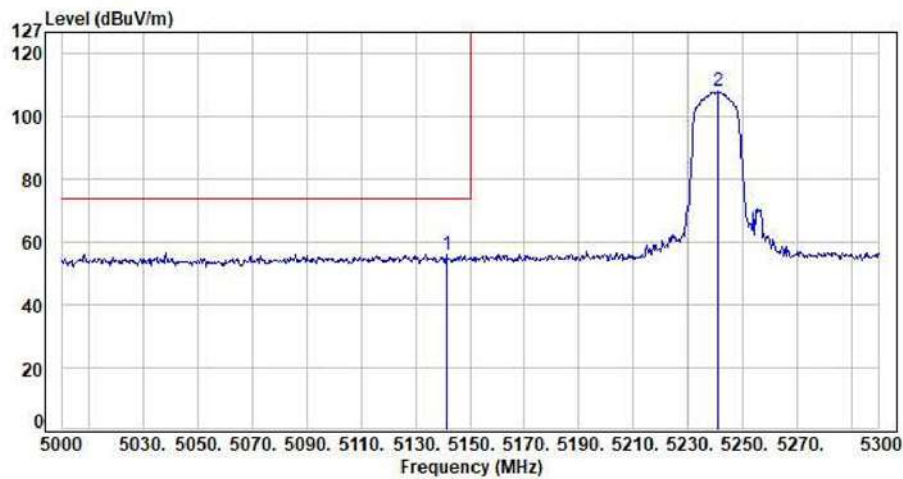
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.00	2.76	40.98	43.74	54.00	-10.26	Average	132	0	P
2	5240.90	2.85	95.90	98.75	200.00	-101.25	Average	132	0	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/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	5141.30	2.76	53.47	56.23	74.00	-17.77	Peak	132	0	P
2	5240.90	2.85	105.17	108.02	200.00	-91.98	Peak	132	0	P

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

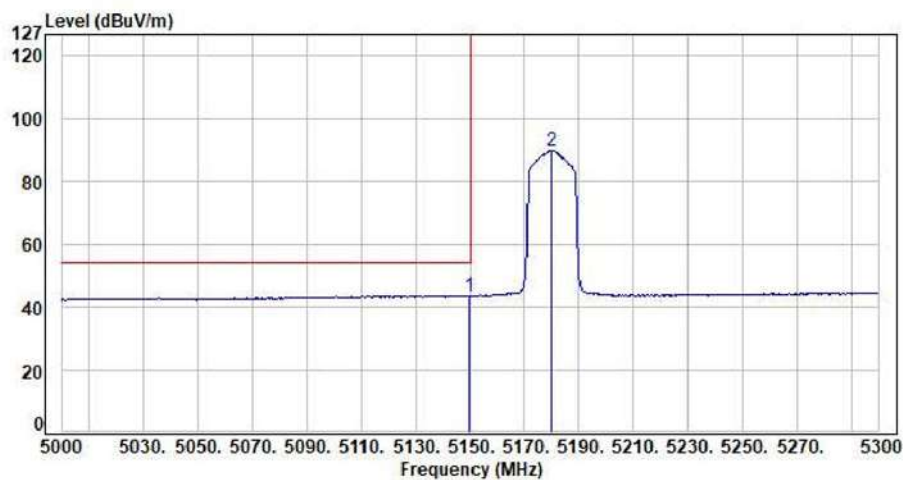


For SISO Main



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



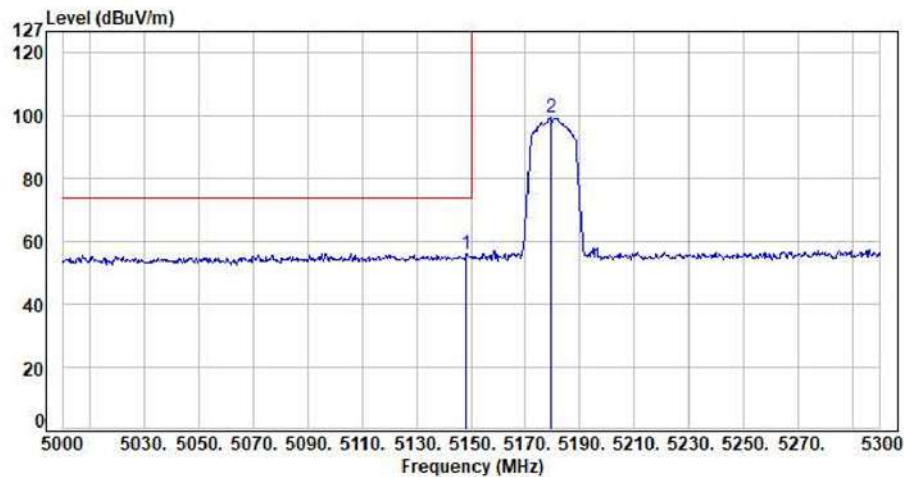
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5149.70	2.76	40.93	43.69	54.00	-10.31	Average	100	95	P
2	5179.70	2.77	87.09	89.86	200.00	-110.14	Average	100	95	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



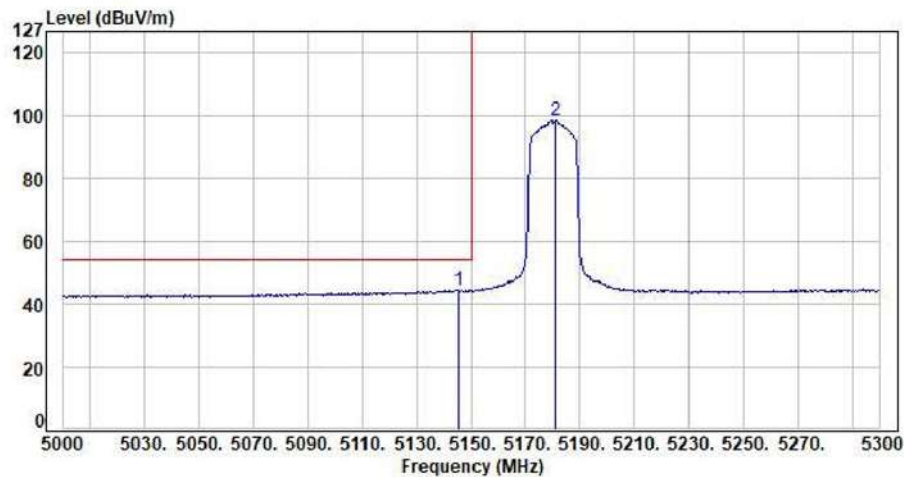
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	2.76	53.41	56.17	74.00	-17.83	Peak	100	95	P
2	5179.10	2.77	96.53	99.30	200.00	-100.70	Peak	100	95	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



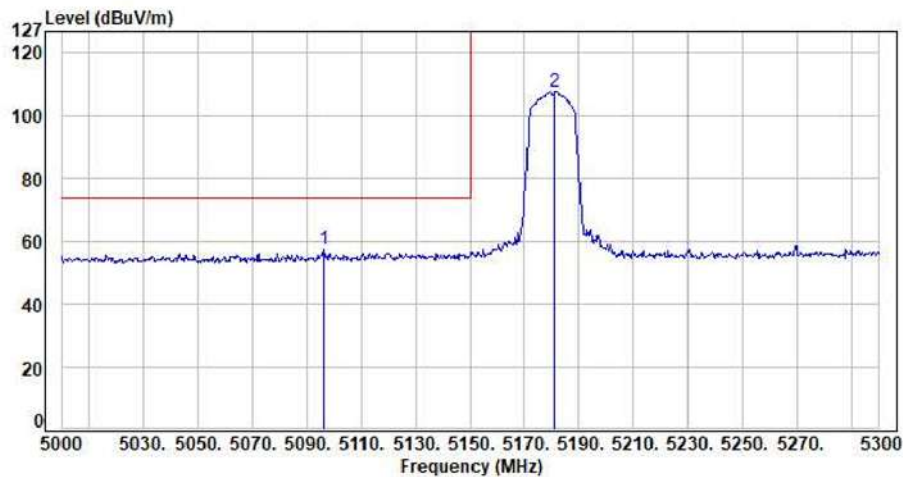
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.20	2.76	41.78	44.54	54.00	-9.46	Average	100	360	P
2	5180.90	2.77	95.63	98.40	200.00	-101.60	Average	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH36 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



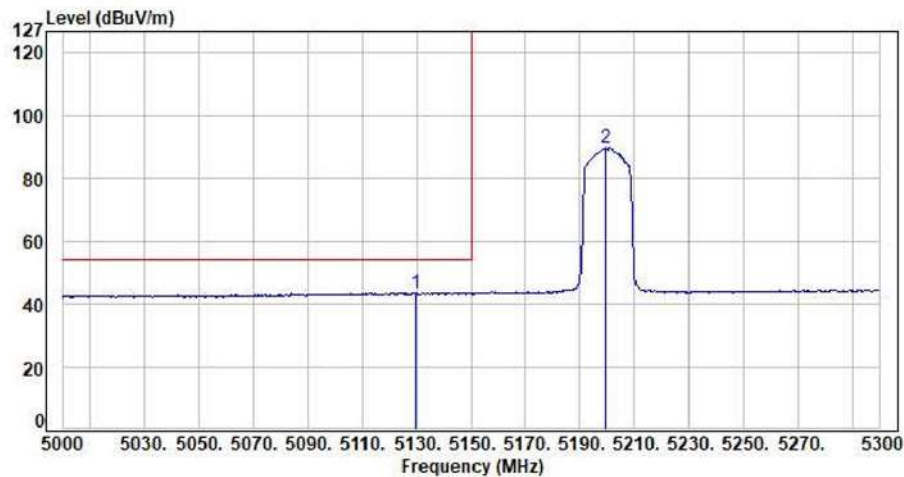
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5096.60	2.74	54.56	57.30	74.00	-16.70	Peak	100	360	P
2	5180.90	2.77	104.92	107.69	200.00	-92.31	Peak	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



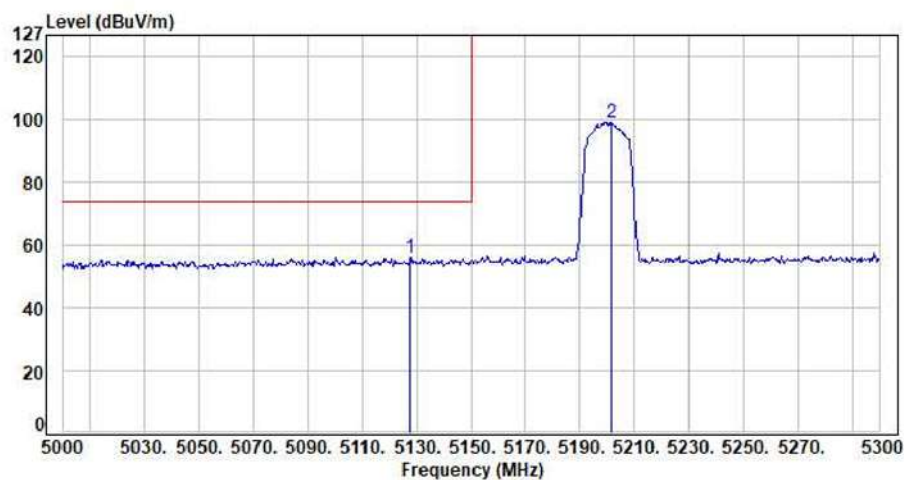
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5129.90	2.76	40.79	43.55	54.00	-10.45	Average	100	100	P
2	5199.20	2.77	86.92	89.69	200.00	-110.31	Average	100	100	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



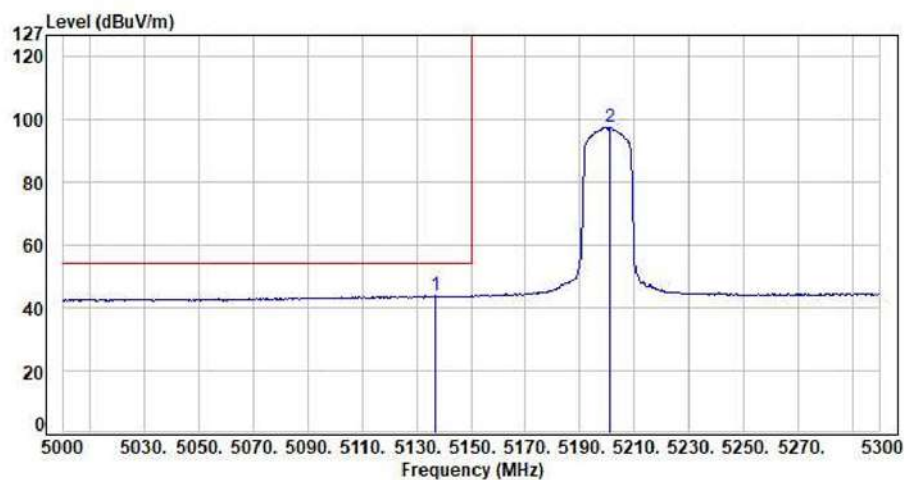
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5127.50	2.76	53.39	56.15	74.00	-17.85	Peak	100	100	P
2	5201.30	2.77	96.14	98.91	200.00	-101.09	Peak	100	100	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



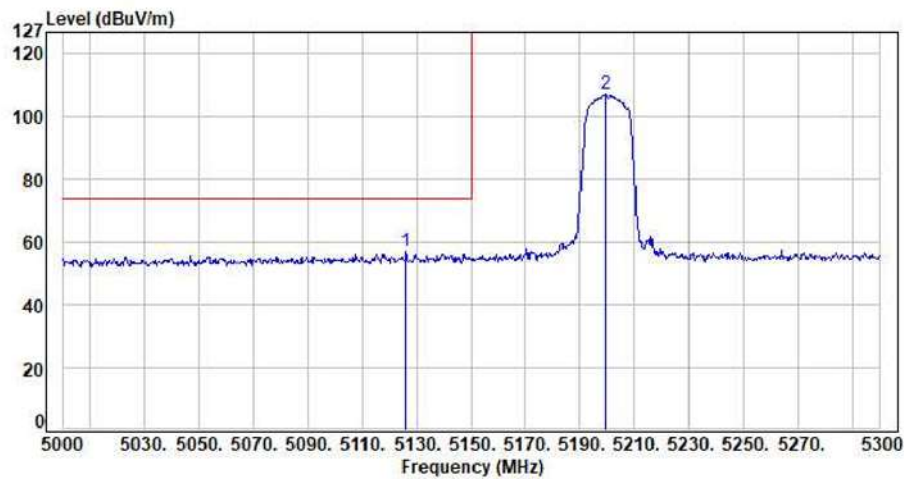
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5137.10	2.76	40.99	43.75	54.00	-10.25	Average	131	360	P
2	5201.00	2.77	94.96	97.73	200.00	-102.27	Average	131	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH40 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



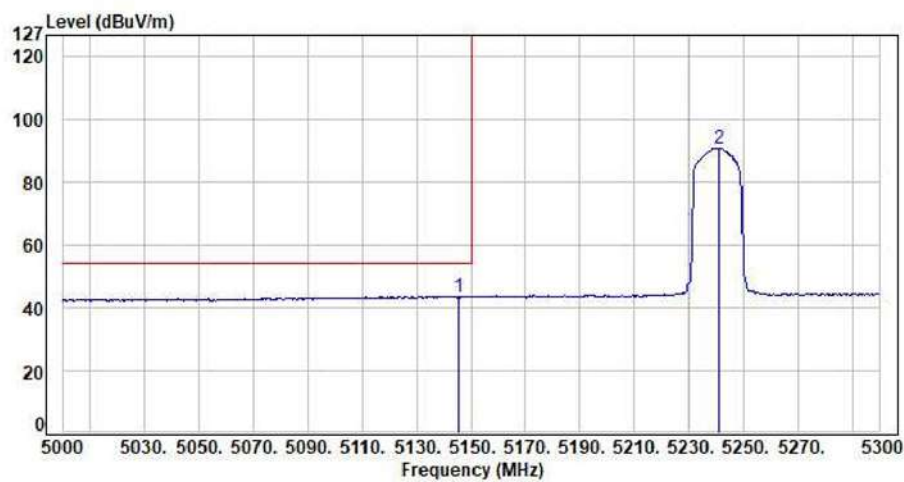
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5126.00	2.76	54.11	56.87	74.00	-17.13	Peak	131	360	P
2	5199.20	2.77	104.20	106.97	200.00	-93.03	Peak	131	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



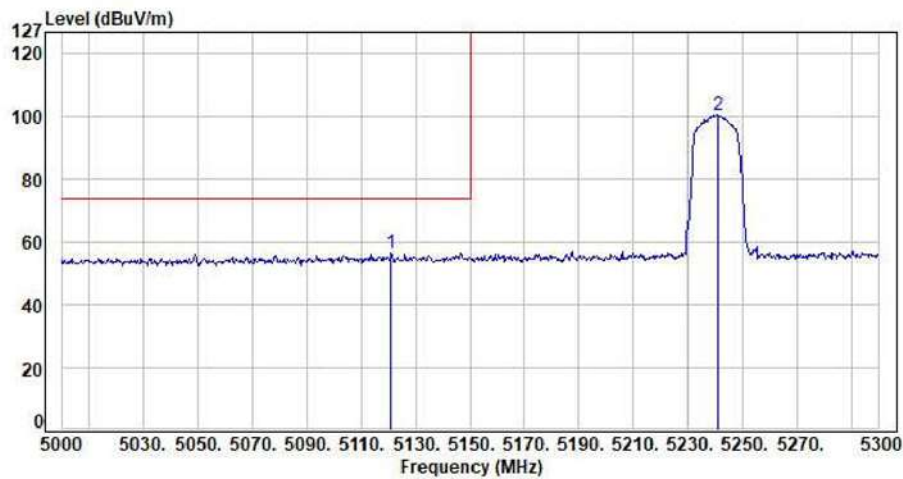
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.20	2.76	40.92	43.68	54.00	-10.32	Average	100	98	P
2	5241.20	2.85	88.17	91.02	200.00	-108.98	Average	100	98	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



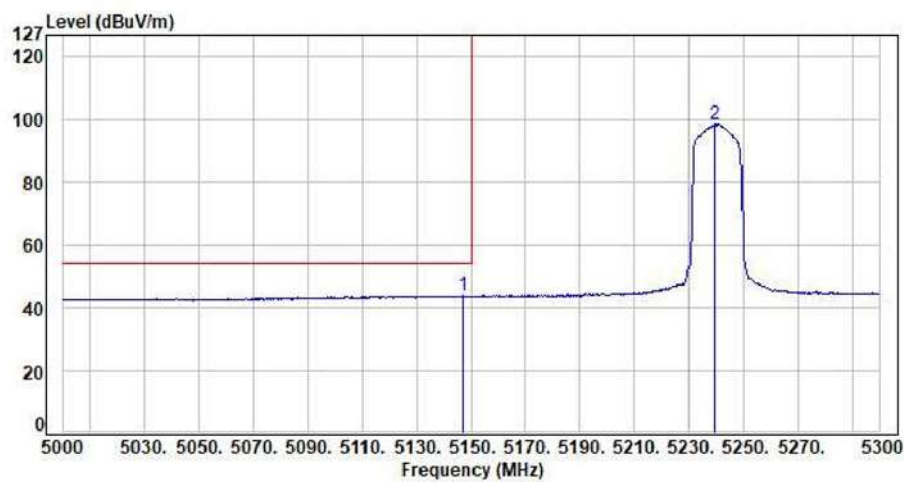
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5120.90	2.76	53.68	56.44	74.00	-17.56	Peak	100	98	P
2	5240.90	2.85	97.56	100.41	200.00	-99.59	Peak	100	98	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



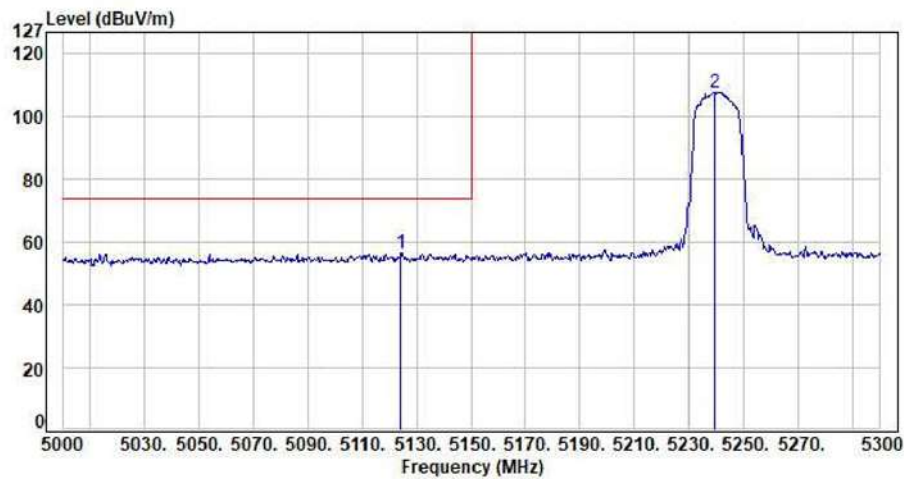
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.00	2.76	41.08	43.84	54.00	-10.16	Average	100	360	P
2	5239.10	2.85	95.63	98.48	200.00	-101.52	Average	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 1TX 11a CH48 6Mbps
Voltage : From Adapter(AC 120V/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	5124.20	2.76	53.71	56.47	74.00	-17.53	Peak	100	360	P
2	5239.10	2.85	104.90	107.75	200.00	-92.25	Peak	100	360	P

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

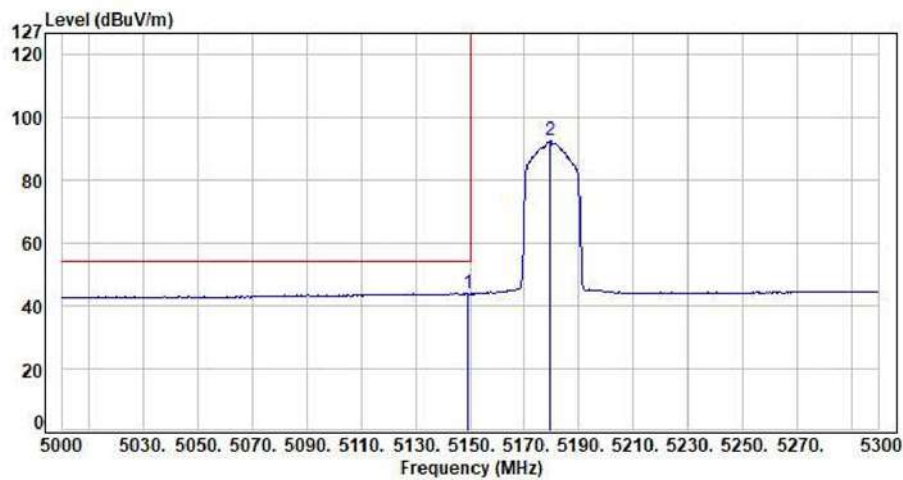


For MIMO



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



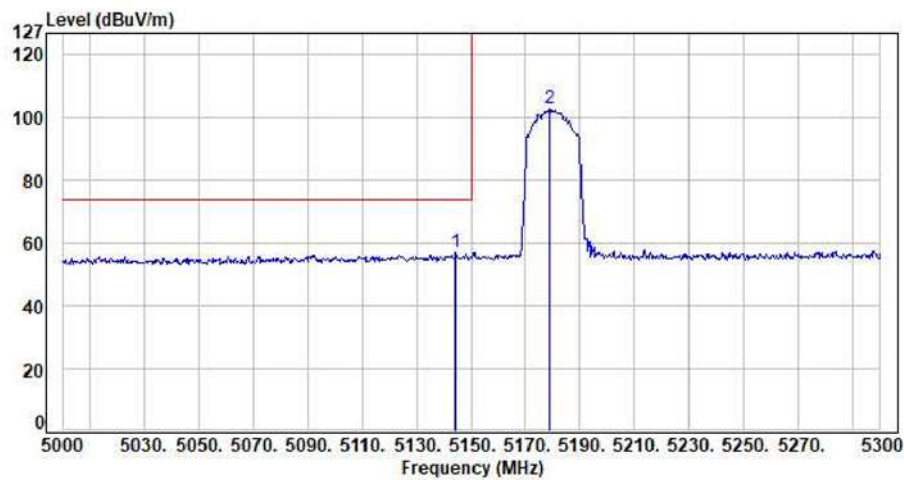
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5149.10	2.76	41.29	44.05	54.00	-9.95	Average	121	98	P
2	5179.10	2.77	89.74	92.51	200.00	-107.49	Average	121	98	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



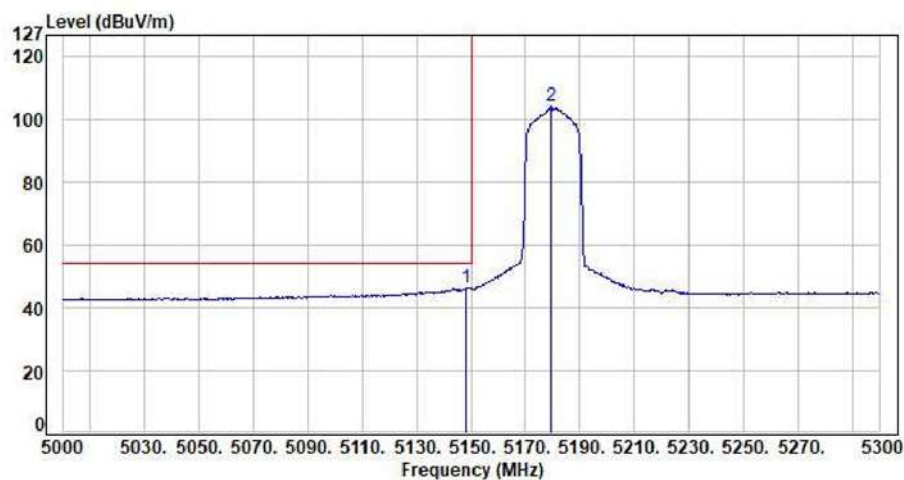
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5144.30	2.76	54.02	56.78	74.00	-17.22	Peak	121	98	P
2	5178.80	2.77	99.97	102.74	200.00	-97.26	Peak	121	98	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



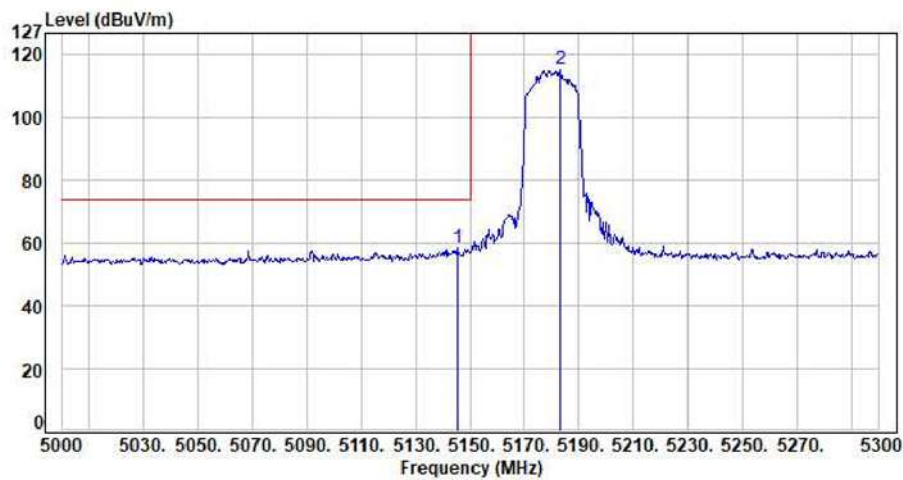
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	2.76	43.57	46.33	54.00	-7.67	Average	100	360	P
2	5179.10	2.77	101.29	104.06	200.00	-95.94	Average	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH36 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



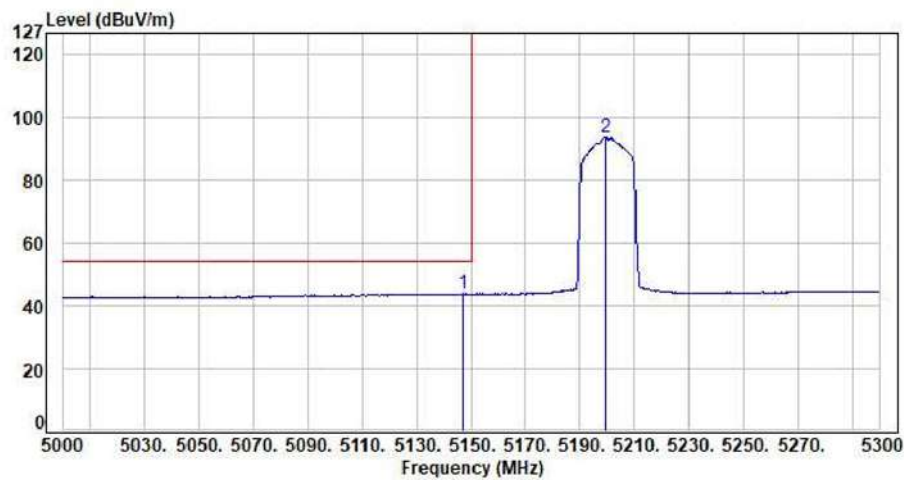
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5145.20	2.76	55.82	58.58	74.00	-15.42	Peak	100	360	P
2	5183.00	2.76	112.45	115.21	200.00	-84.79	Peak	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



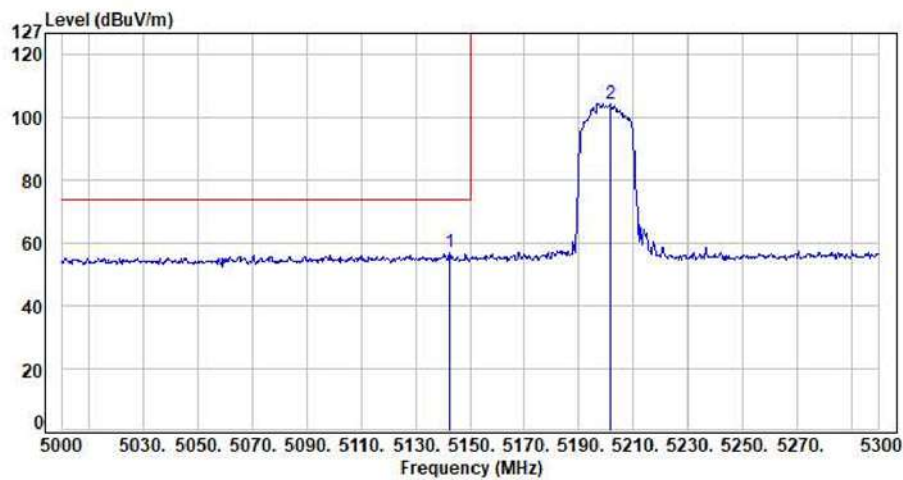
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5147.00	2.76	41.08	43.84	54.00	-10.16	Average	355	94	P
2	5199.20	2.77	91.14	93.91	200.00	-106.09	Average	355	94	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Vertical



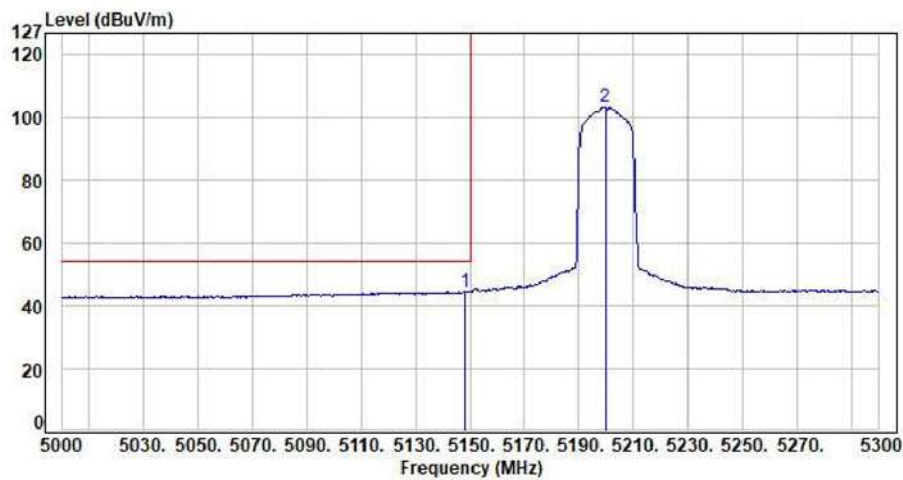
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5142.50	2.77	54.05	56.82	74.00	-17.18	Peak	355	94	P
2	5201.30	2.77	101.71	104.48	200.00	-95.52	Peak	355	94	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC 120V/60Hz)
Pol : Horizontal



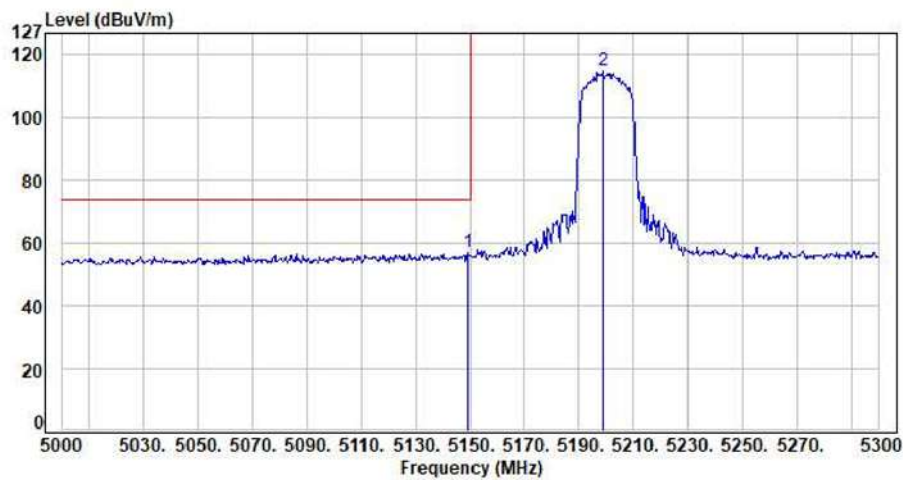
No.	Frequency (MHz)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Azimuth (deg)	P/F
1	5148.20	2.76	41.81	44.57	54.00	-9.43	Average	100	360	P
2	5199.50	2.77	100.78	103.55	200.00	-96.45	Average	100	360	P

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



CERPASS TECHNOLOGY CORP.

Test Mode : 2TX 11ax20 CH40 NSS1 MCS0
Voltage : From Adapter(AC 120V/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	5149.10	2.76	53.99	56.75	74.00	-17.25	Peak	100	360	P
2	5198.60	2.76	112.32	115.08	200.00	-84.92	Peak	100	360	P

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