



EMC MEASUREMENT REPORT

Applicant: HAN Networks Co., Ltd.
Address: 101, 3rd Floor, Building 3, No.9 Compound, Yongfeng Road, Haidian District, Beijing, P.R. China
Product: HAN Access Point
Model No.: AP541
Brand Name: HAN NETWORKS, HANNETWORKS
FCC Rule Part(s): FCC Part 15 Subpart B
Test Procedure: ANSI C63.4-2014
Result: Complies
Received Date: 2025-11-25
Test Date: 2025-12-15 ~ 2026-04-14

Reviewed By:

Vincent Yu

Vincent Yu

Approved By:

Robin Wu

Robin Wu



The test results relate only to the samples tested.

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report. Testing was performed in accordance with the applicable measurement procedures. The test results reported herein apply only to the specific item(s) tested.

The test report shall not be reproduced except in full without the written approval of MRT Technology (Suzhou) Co., Ltd.

Revision History

Report No.	Version	Description	Issue Date	Note
R26S1032073-U101	V01	Initial Report	2026-09-30	Valid

Note: This report is based on the original MRT report (No.: R25S1060119-U101). The applicant, manufacturer, and product information (including product name, model number, and brand name) have been updated. The test data related to ICES-003 and RSS-Gen have been removed. All other contents remain unchanged, and all test results are directly copied from the original report.

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1. General Information

1.1. Applicant

HAN Networks Co., Ltd.

101, 3rd Floor, Building 3, No.9 Compound, Yongfeng Road, Haidian District, Beijing, P.R. China

1.2. Manufacturer

HAN Networks Co., Ltd.

101, 3rd Floor, Building 3, No.9 Compound, Yongfeng Road, Haidian District, Beijing, P.R. China

1.3. Testing Facility

☒	Test Site - MRT Suzhou Laboratory ☐ Laboratory Location (Suzhou - Wuzhong) D8 Building, No.2 Tian'edang Rd., Wuzhong Economic Development Zone, Suzhou, China ☐ Laboratory Location (Suzhou - SIP) 4b Building, Liando U Valley, No.200 Xingpu Rd., Shengpu Town, Suzhou Industrial Park, China ☒ Laboratory Location (Suzhou - Wujiang) Building 1, No.1 Xingdong Road, Wujiang, Suzhou, Jiangsu, People's Republic of China Laboratory Accreditations <table border="0"> <tr> <td>A2LA: 3628.01</td> <td>CNAS: L10551</td> </tr> <tr> <td>FCC: CN1166</td> <td>ISED: CN0001</td> </tr> </table>	A2LA: 3628.01	CNAS: L10551	FCC: CN1166	ISED: CN0001
A2LA: 3628.01	CNAS: L10551				
FCC: CN1166	ISED: CN0001				
☐	Test Site - MRT Shenzhen Laboratory Laboratory Location (Shenzhen) 1G, Building A, Junxiangda Building, Zhongshanyuan Road West, Nanshan District, Shenzhen, China Laboratory Accreditations <table border="0"> <tr> <td>A2LA: 3628.02</td> <td></td> </tr> <tr> <td>FCC: CN1284</td> <td>ISED: CN0105</td> </tr> </table>	A2LA: 3628.02		FCC: CN1284	ISED: CN0105
A2LA: 3628.02					
FCC: CN1284	ISED: CN0105				

1.4. Product Information

Product Name	HAN Access Point
Model No.	AP541
Brand Name	HAN NETWORKS, HANNETWORKS
EUT Identification	20251125Sample#02 & 20251125Sample#01
Bluetooth Specification	Bluetooth_LE
ZigBee Specification	802.15.4
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
GNSS Specification	GPS, GLONASS, Beidou, Galileo, SBAS
Operating Temperature	0 °C ~ 50 °C
Power Type	AC/DC Adapter or PoE Injector
Accessory(ies)	
AC/DC Adapter	Model No.: AA65U-540A Input Power: 100-240 V ~ 50/60 Hz, 1.6 A Output Power: 54 V = 1.2 A, 64.8 W
PoE Injector	Model: POE60U-1BT-X Input: 100-240 V ~ 50/60 Hz, 1.5 A Output: 56 V, 0.535 A, 30 W PIN 3, 6+ PIN 1, 2 Return Output: 56 V, 0.535 A, 30 W PIN 4, 5+ PIN 7, 8 Return
Remarks: 1. The information of the EUT (Equipment Under Test) was provided by the manufacturer. The accuracy, completeness, and validity of the information are solely the responsibility of the manufacturer. 2. The Adapter and PoE Injector are not sold with product.	

2. Test Configuration

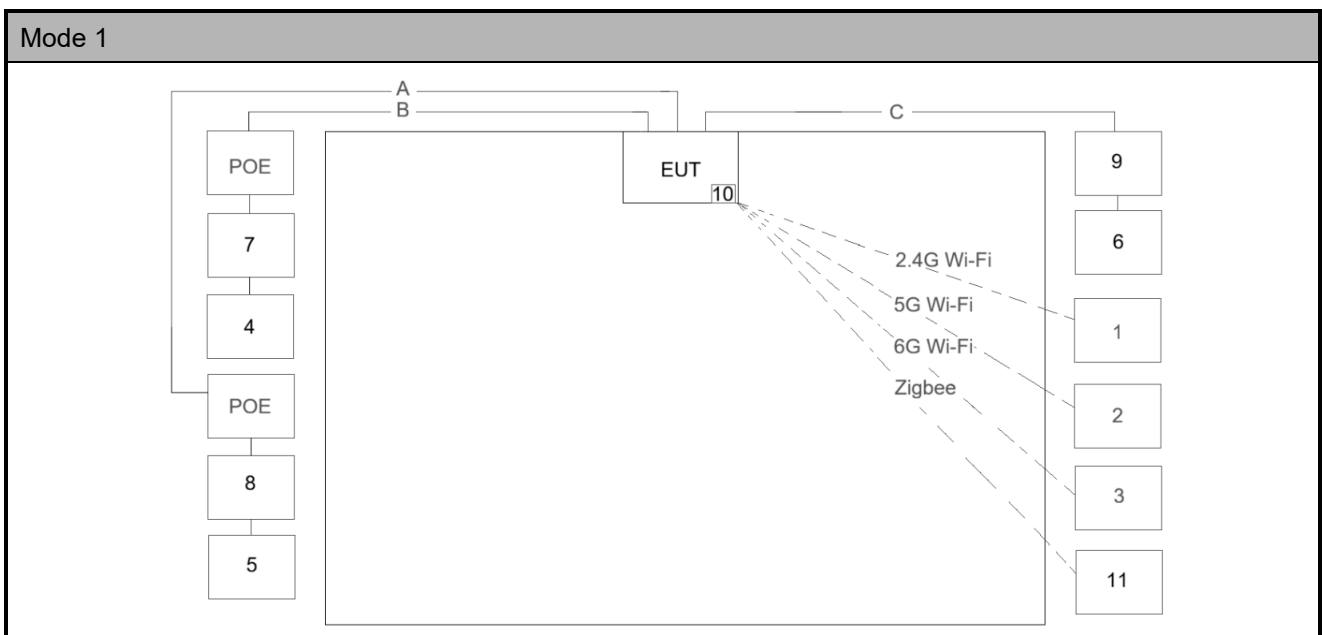
2.1. Test Mode

Mode 1: Dual PoE power supply + ping 2.4G, 5G, 6G Wi-Fi + ping Fiber to Network Port + ping Eth0 + ping Eth1 + USB reading and writing + Zigbee connection + GPS monitoring (built-in).

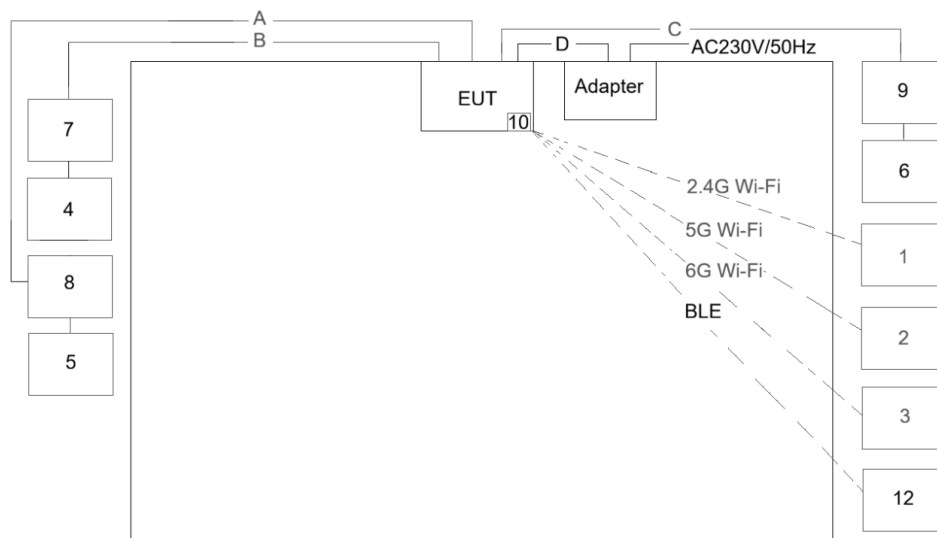
Mode 2: Adapter power supply + ping 2.4G, 5G, 6G Wi-Fi + ping Fiber to Network Port + ping Eth0 + ping Eth1 + USB reading and writing + BLE connection + GPS monitoring (external).

2.2. Configuration of Tested System

The measurement procedures and appropriate EUT setup described in the ANSI C63.4-2014 was used in the measurement.



Mode 2



No.	Cable Type	Cable Spec.	Length
A	Power Cable	Shielding	> 10.0 m
B	LAN Cable	Shielding	> 10.0 m
C	Optical fiber Cable	Non-Shielding	> 10.0 m
D	Power Cable	Non-Shielding	1.5 m
No.	Product	Manufacturer	Model No.
1	PC	HP	6J7D8PA#AB2
2	PC	HP	487D69A#AB2
3	PC	DELL	Latitude 5440
4	PC	Lenovo	ThinkBook 16G5 IRH
5	PC	Lenovo	ThinkBook 16G5 IRH
6	PC	HP	Desktop M01-F375rcn PC
7	Switch	TP-LINK	TL-SL1005
8	Switch	TP-LINK	TL-SL2005
9	Fiber Optical Transceiver	Guangbida	FT-W10G-F
10	U disk	SanDisk	SDDDC3-128G-Z46P
11	AP	Huaxin Aotian Network	AP 1541
12	Phone	vivo	Iqoo Neo8 V2301A

2.3. EMI Suppression Device(s)/Modifications

No EMI suppression device(s) were added and/or no modifications were made during testing.

3. Measuring Instrument

Instrument Name	Manufacturer	Model No.	Asset No.	Cali. Interval	Cal. Due Date	Test Site
Thermohygrometer	testo	608-H1	MRTSUE11315	1 year	2026-06-16	WJ-AC2
Anechoic Chamber	TDK	WJ-AC2	MRTSUE07117	1 year	2026-05-12	WJ-AC2
TRILOG Broad Band Antenna	Schwarzbeck	VULB 9163	MRTSUE07097	1 year	2026-04-20	WJ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE07110	1 year	2026-04-19	WJ-AC2
Horn Antenna	RFSPIN	DRH18-E	MRTSUE07105	1 year	2026-05-12	WJ-AC2
Pre-Amplifier	EMCI	EMC118A45SEE	MRTSUE07102	1 year	2026-04-09 2027-04-08	WJ-AC2
Broadband Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE07100	1 year	2026-04-09 2027-04-08	WJ-AC2
Pre-Amplifier	EMCI	EMC184045SEE	MRTSUE07103	1 year	2026-04-09 2027-04-08	WJ-AC2
Signal Analyzer	Keysight	N9010B	MRTSUE07285	1 year	2026-02-18 2027-02-17	WJ-AC2
Signal Analyzer	Keysight	N9010B	MRTSUE07285	1 year	2026-02-18 2027-02-17	WJ-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE07110	1 year	2026-04-19	WJ-SR5
Two-Line V-Network	R&S	ENV216	MRTSUE07201	1 year	2026-05-26	WJ-SR5
Two-Line V-Network	R&S	ENV216	MRTSUE07202	1 year	2026-05-26	WJ-SR5
EMC Cable	HUBER+SUHNER	RG 233/U	MRTSUE11310	1 year	2026-05-24	WJ-SR5
Thermohygrometer	R&S	608-H1	MRTSUE11317	1 year	2026-06-05	WJ-SR5
Impedance Stabilisation Network	Schwarzbeck	CDN ISN S8 RJ45	MRTSUE07186	1 year	2026-05-29	WJ-SR5

Software	Version	Function
e3	230711	RE/CE
CONTROLLER CO3000	1.03.02	RE Antenna & Turntable
ELEKTRA	5.20.1	RE/CE

4. Decision Rules and Measurement Uncertainty

4.1. Decision Rules

The Decision Rule is based on Simple Acceptance in accordance with ISO Guide 98-4: 2012 Clause 8.2.
(Measurement uncertainty is not taken into account when stating conformity with a specified requirement.)

4.2. Measurement Uncertainty

Where relevant, the following test uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2. This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of $k = 2$.

Conducted Emission Measurement
The maximum measurement uncertainty is evaluated as: 9 kHz ~ 150 kHz: 3.59 dB 150 kHz ~ 30 MHz: 3.20 dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Horizontal: 30 MHz ~ 200 MHz: 3.48 dB 200 MHz ~ 1 GHz: 4.17 dB 1 GHz ~ 40 GHz: 5.01 dB Vertical: 30 MHz ~ 200 MHz: 4.09 dB 200 MHz ~ 1 GHz: 5.30 dB 1 GHz ~ 40 GHz: 4.85 dB

5. Test Result

5.1. Summary

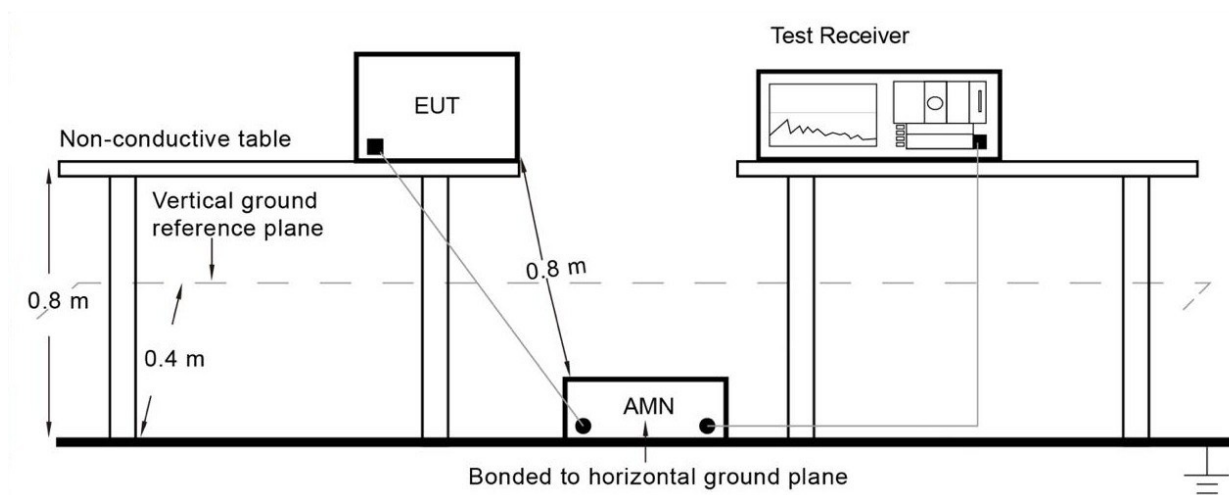
FCC Part Section(s)	Test Description	Result
15.107	Conducted Emission	Pass
15.109	Radiated Emission	Pass

5.2. Conducted Emission

5.2.1. Test Limit

FCC Part 15.107 Conducted Emission Limits				
Frequency Range (MHz)	Class A Limits		Class B Limits	
	QP dB(μ V)	AV dB(μ V)	QP dB(μ V)	AV dB(μ V)
0.15 ~ 0.5	79	66	66 to 56	56 to 46
0.5 ~ 5	73	60	56	46
5 ~ 30	73	60	60	50

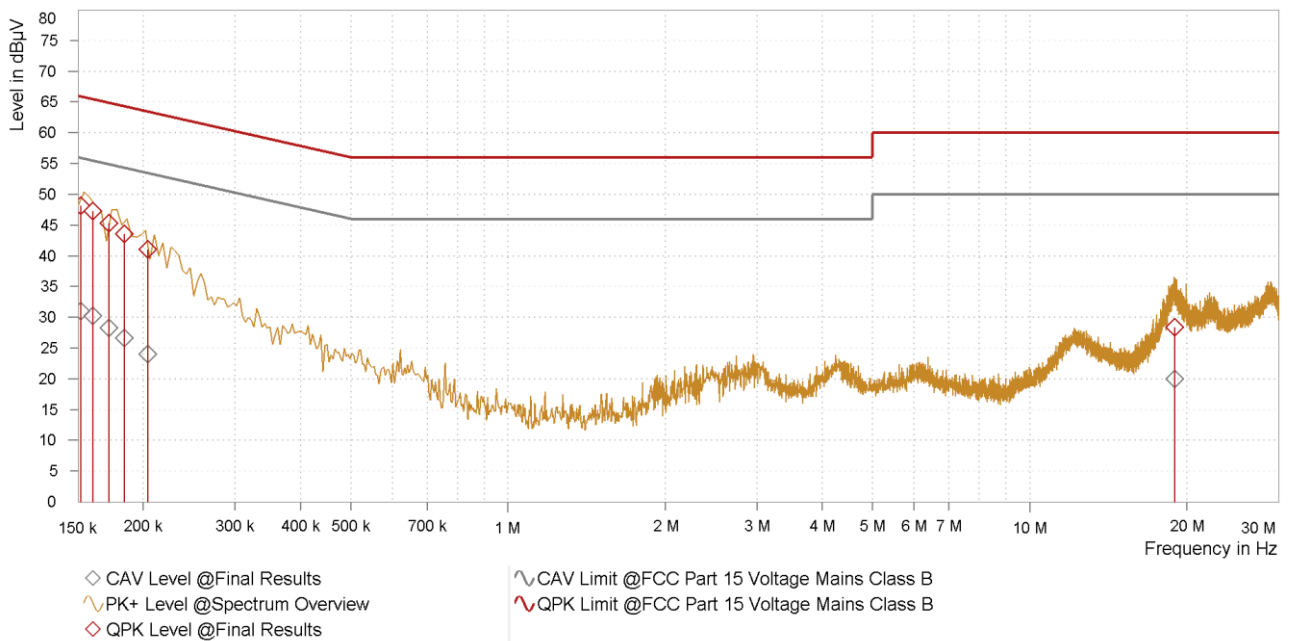
5.2.2. Test Setup



5.2.3. Test Result

Note	Mode 1
Test Voltage	AC 120 V/60 Hz
Test Engineer	Cora Wang
Test Date	2025-12-15
Temp	19.7 °C
Humi	33.7%
Polarity	L
Test Site	WJ-SR5

Spectrum Overview



Final Results

Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	QPK Raw Lvl [dBμV]	CAV Level [dBμV]	CAV Limit [dBμV]	CAV Margin [dB]	CAV Raw Lvl [dBμV]	Correction [dB]	Line
0.152	48.15	65.89	17.74	38.42	31.04	55.89	24.85	21.31	9.73	L1
0.160	47.23	65.46	18.23	37.50	30.21	55.46	25.25	20.48	9.73	L1
0.172	45.31	64.86	19.56	35.56	28.32	54.86	26.54	18.58	9.74	L1
0.184	43.57	64.30	20.73	33.83	26.61	54.30	27.69	16.86	9.75	L1
0.204	41.02	63.45	22.43	31.26	24.06	53.45	29.39	14.30	9.76	L1
18.945	28.37	60.00	31.63	17.98	19.98	50.00	30.02	9.59	10.39	L1

Notes

1. QPK Level [dB μ V]=QPK Raw Lvl [dB μ V] + Correction [dB]
2. CAV Level [dB μ V]=CAV Raw Lvl [dB μ V] + Correction [dB]
3. Correction [dB]= LISN Factor [dB] + Cable Loss [dB]

Note Mode 1

Test Voltage AC 120 V/60 Hz

Test Engineer Cora Wang

Test Date 2025-12-15

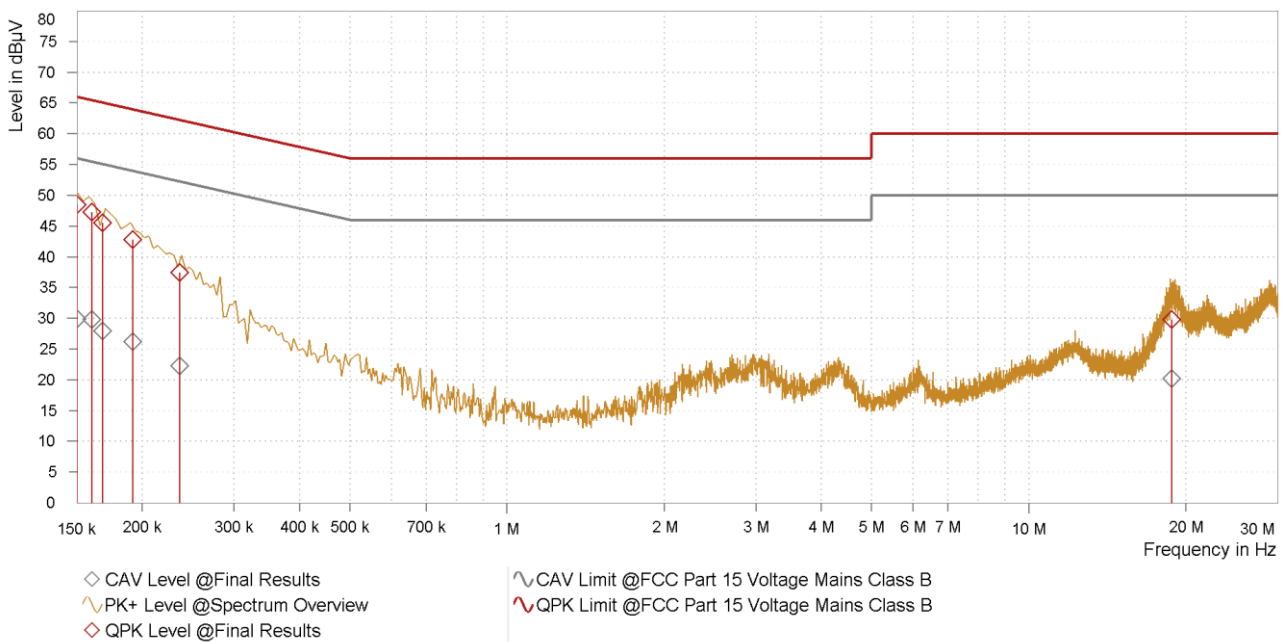
Temp 19.7 °C

Humi 33.7%

Polarity N

Test Site WJ-SR5

Spectrum Overview



Final Results

Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	QPK Raw Lvl [dBμV]	CAV Level [dBμV]	CAV Limit [dBμV]	CAV Margin [dB]	CAV Raw Lvl [dBμV]	Correction [dB]	Line
0.150	48.44	66.00	17.56	38.77	29.93	56.00	26.07	20.26	9.67	N
0.160	47.26	65.46	18.20	37.59	29.84	55.46	25.62	20.16	9.68	N
0.168	45.53	65.06	19.53	35.85	27.95	55.06	27.11	18.26	9.69	N
0.192	42.77	63.95	21.18	33.06	26.16	53.95	27.79	16.45	9.71	N
0.236	37.43	62.24	24.81	27.70	22.28	52.24	29.96	12.56	9.72	N
18.815	29.83	60.00	30.17	19.35	20.22	50.00	29.78	9.74	10.48	N

Notes

1. QPK Level [dB μ V]=QPK Raw Lvl [dB μ V] + Correction [dB]
2. CAV Level [dB μ V]=CAV Raw Lvl [dB μ V] + Correction [dB]
3. Correction [dB]= LISN Factor [dB] + Cable Loss [dB]

Note Mode 2

Test Voltage AC 120 V/60 Hz

Test Engineer Daisy Zhou

Test Date 2025-12-15

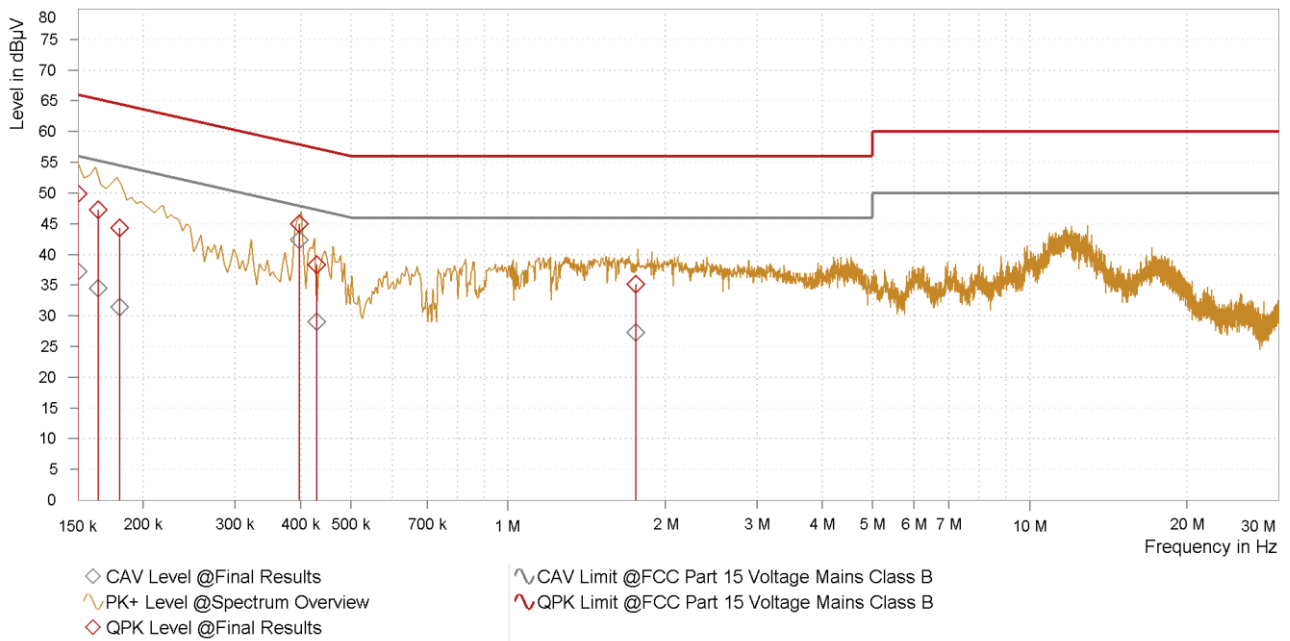
Temp 19.7 °C

Humi 33.7%

Polarity L

Test Site WJ-SR5

Spectrum Overview



Final Results

Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	QPK Raw Lvl [dBμV]	CAV Level [dBμV]	CAV Limit [dBμV]	CAV Margin [dB]	CAV Raw Lvl [dBμV]	Correction [dB]	Line
0.150	49.83	66.00	16.17	40.10	37.20	56.00	18.80	27.47	9.73	L1
0.164	47.22	65.26	18.04	37.49	34.45	55.26	20.81	24.71	9.74	L1
0.180	44.27	64.49	20.21	34.53	31.44	54.49	23.05	21.69	9.75	L1
0.398	44.94	57.90	12.95	35.16	42.29	47.90	5.60	32.51	9.78	L1
0.430	38.35	57.25	18.91	28.56	29.03	47.25	18.22	19.24	9.79	L1
1.756	35.09	56.00	20.91	24.98	27.29	46.00	18.71	17.18	10.11	L1

Notes

1. QPK Level [dBμV]=QPK Raw Lvl [dBμV] + Correction [dB]
2. CAV Level [dBμV]=CAV Raw Lvl [dBμV] + Correction [dB]
3. Correction [dB]= LISN Factor [dB] + Cable Loss [dB]

Note Mode 2

Test Voltage AC 120 V/60 Hz

Test Engineer Daisy Zhou

Test Date 2025-12-15

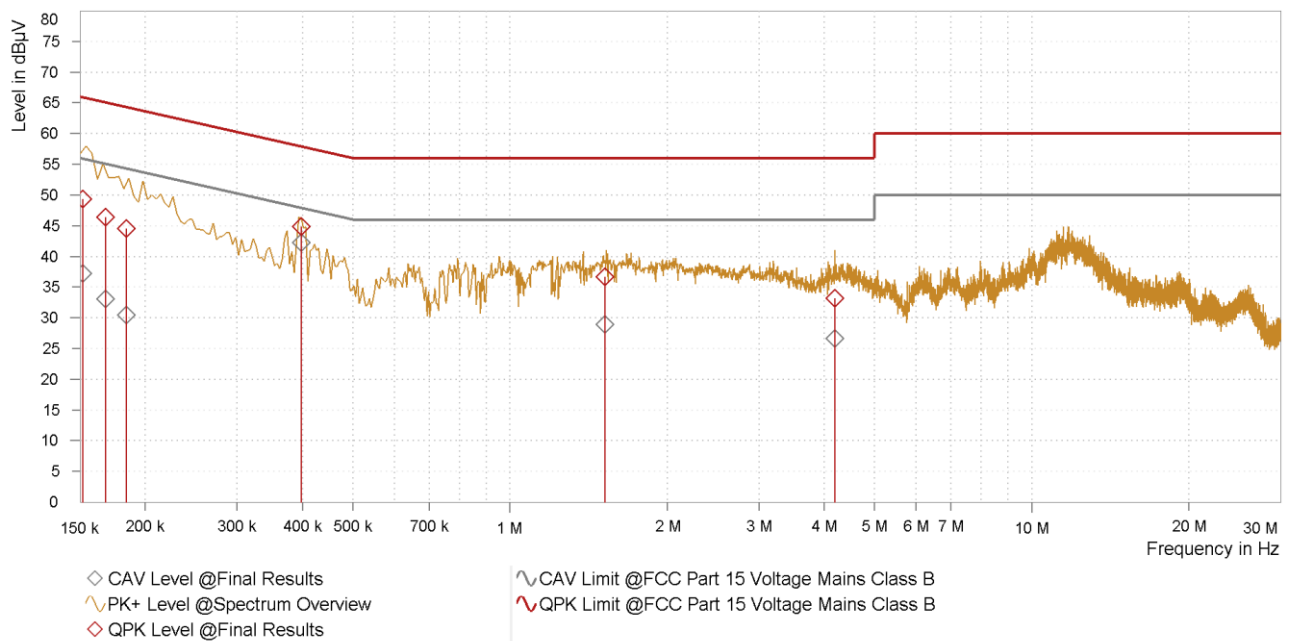
Temp 19.7 °C

Humi 33.7%

Polarity N

Test Site WJ-SR5

Spectrum Overview



Final Results

Frequency [MHz]	QPK Level [dBµV]	QPK Limit [dBµV]	QPK Margin [dB]	QPK Raw Lvl [dBµV]	CAV Level [dBµV]	CAV Limit [dBµV]	CAV Margin [dB]	CAV Raw Lvl [dBµV]	Correction [dB]	Line
0.152	49.33	65.89	16.56	39.66	37.22	55.89	18.67	27.55	9.67	N
0.168	46.34	65.06	18.72	36.65	33.08	55.06	21.98	23.39	9.69	N
0.184	44.55	64.30	19.76	34.84	30.41	54.30	23.90	20.70	9.70	N
0.398	44.89	57.90	13.01	35.11	42.27	47.90	5.63	32.49	9.78	N
1.519	36.69	56.00	19.31	26.61	28.97	46.00	17.03	18.88	10.09	N
4.192	33.20	56.00	22.80	23.08	26.65	46.00	19.35	16.53	10.12	N

Notes

1. QPK Level [dBµV]=QPK Raw Lvl [dBµV] + Correction [dB]

2. CAV Level [dB μ V]=CAV Raw Lvl [dB μ V] + Correction [dB]

3. Correction [dB]= LISN Factor [dB] + Cable Loss [dB]

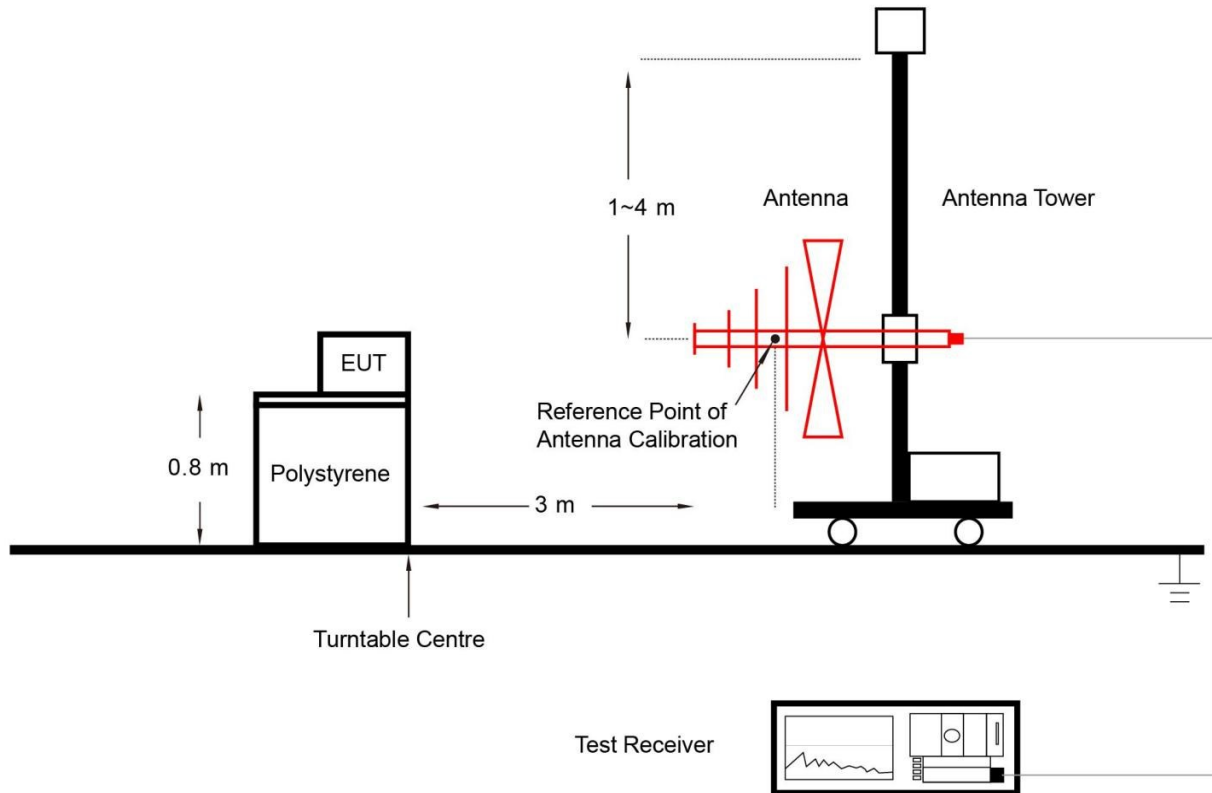
5.3. Radiated Emission

5.3.1. Test Limit

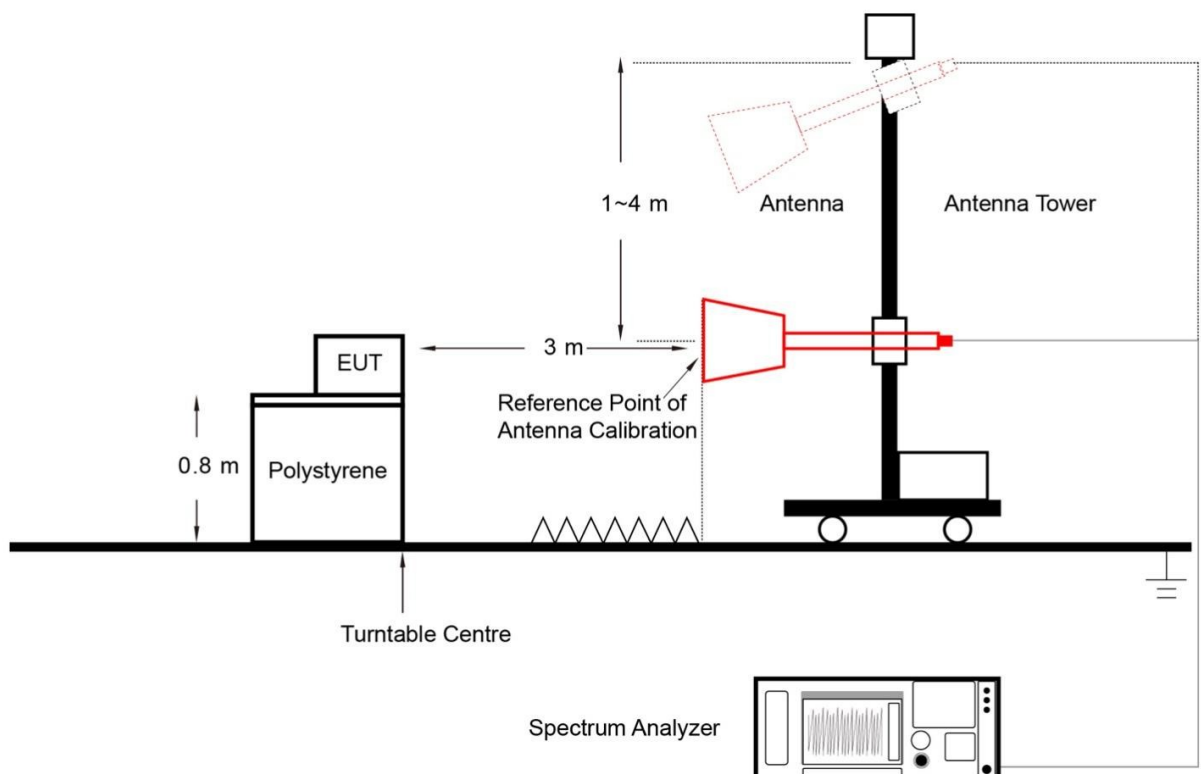
FCC Part 15.109 Class B Limits			
Frequency (MHz)	Distance (m)	Level (dBμV/m)	Detector Function
30 ~ 88	3	40	Quasi-peak
88 ~ 216	3	43.5	Quasi-peak
216 ~ 230	3	46	Quasi-peak
230 ~ 960	3	46	Quasi-peak
960 ~ 1000	3	54	Quasi-peak
Above 1000	3	54	Average
		74	Peak
Note 1: The lower limit shall apply at the transition frequency.			
Note 2: Distance refers to the distance (in meters) between the antenna of the measuring instrument and the closest point of any part of the device or system.			

5.3.2. Test Setup

Below 1 GHz Test Setup:

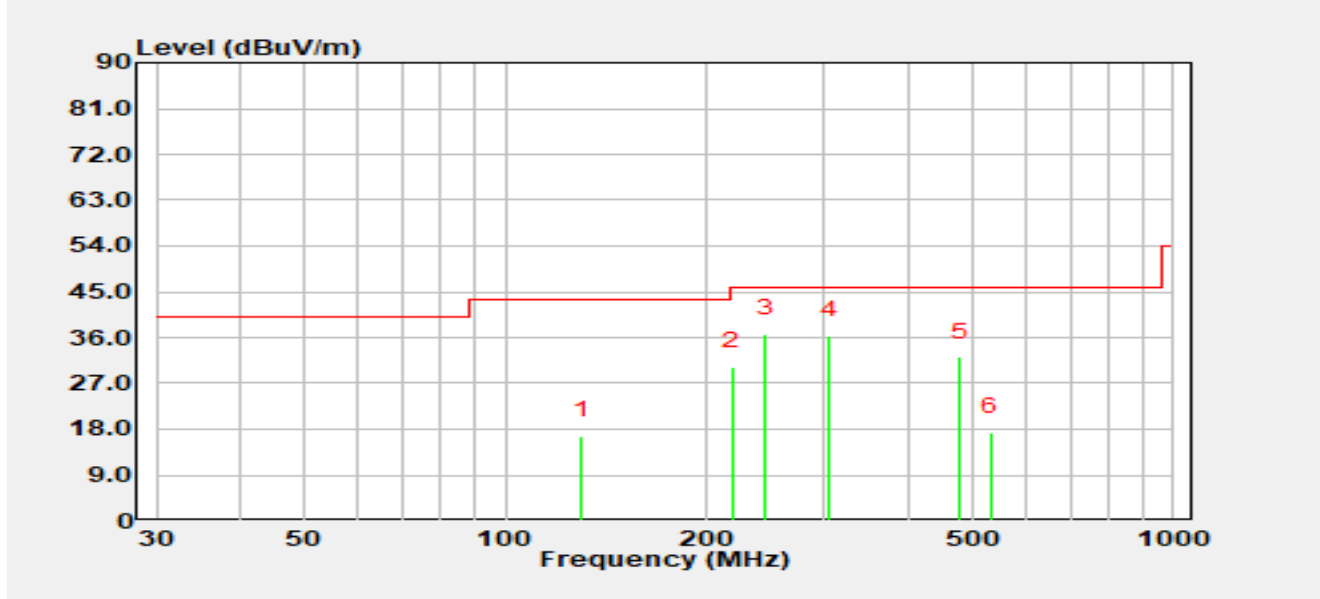


Above 1 GHz Test Setup:



5.3.3. Test Result

Site	WJ-AC2	Test Date	2025-12-17
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

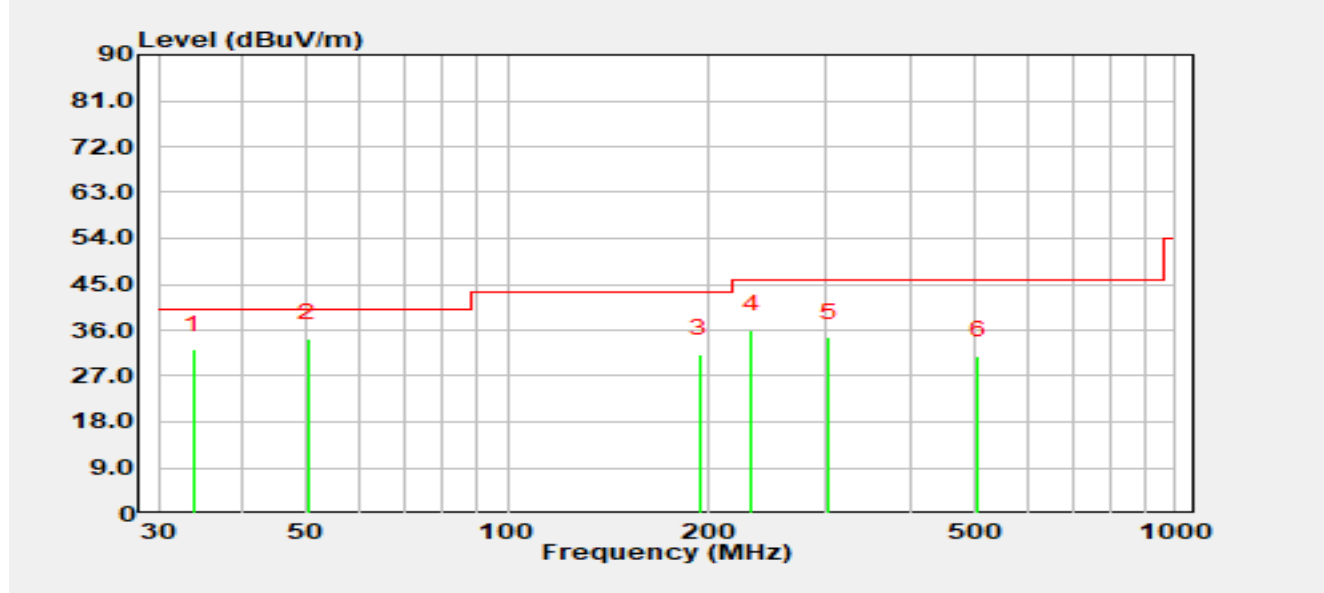


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		129.70	1.60	15.05	16.65	-26.85	43.50	QP
2		218.39	12.50	17.82	30.32	-15.68	46.00	QP
3	*	244.49	17.60	19.09	36.69	-9.31	46.00	QP
4		305.79	16.40	20.10	36.50	-9.50	46.00	QP
5		479.35	8.50	23.70	32.20	-13.80	46.00	QP
6		531.96	-7.20	24.65	17.45	-28.55	46.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-12-17
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

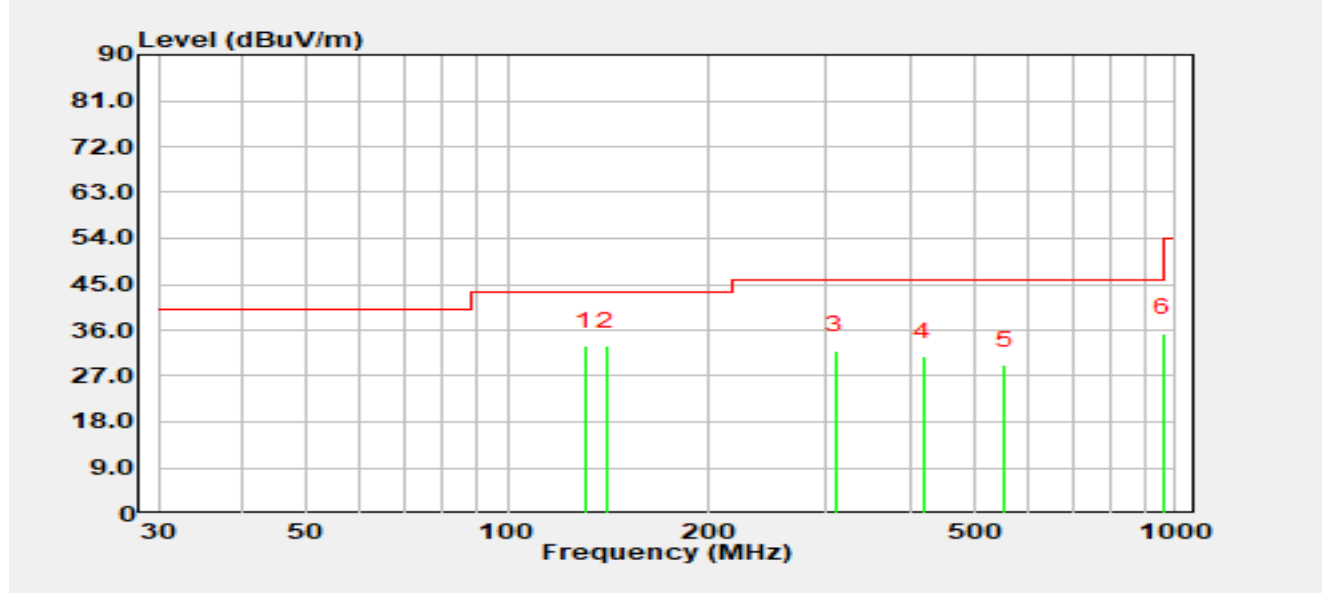


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		33.81	14.90	17.31	32.21	-7.79	40.00	QP
2	*	50.14	14.50	19.95	34.45	-5.55	40.00	QP
3		193.70	13.40	17.85	31.25	-12.25	43.50	QP
4		231.39	17.50	18.55	36.05	-9.95	46.00	QP
5		302.59	14.50	20.05	34.55	-11.45	46.00	QP
6		507.01	6.60	24.35	30.95	-15.05	46.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	23.2 °C	Humidity	60.5%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

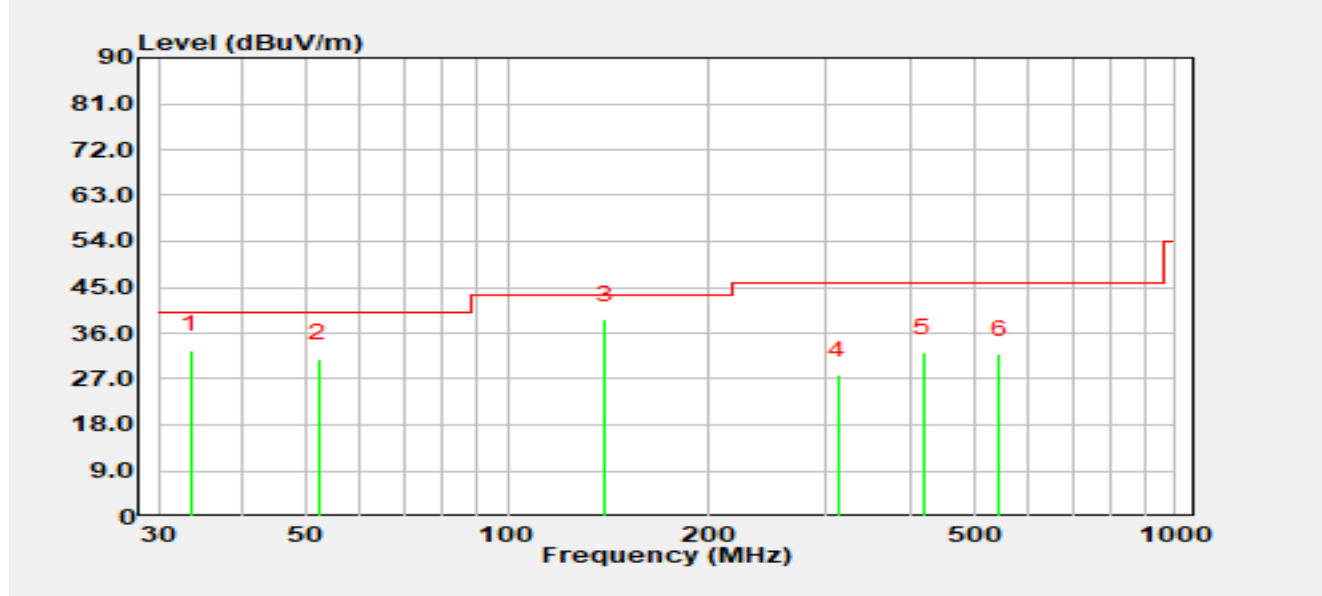


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	130.88	17.95	14.96	32.91	-10.59	43.50	QP
2		140.74	18.70	14.20	32.90	-10.60	43.50	QP
3		309.56	11.94	20.05	31.99	-14.01	46.00	QP
4		419.99	8.10	22.73	30.83	-15.17	46.00	QP
5		555.02	4.33	24.83	29.15	-16.85	46.00	QP
6		960.14	5.74	29.69	35.43	-18.57	54.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	23.2 °C	Humidity	60.5%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		

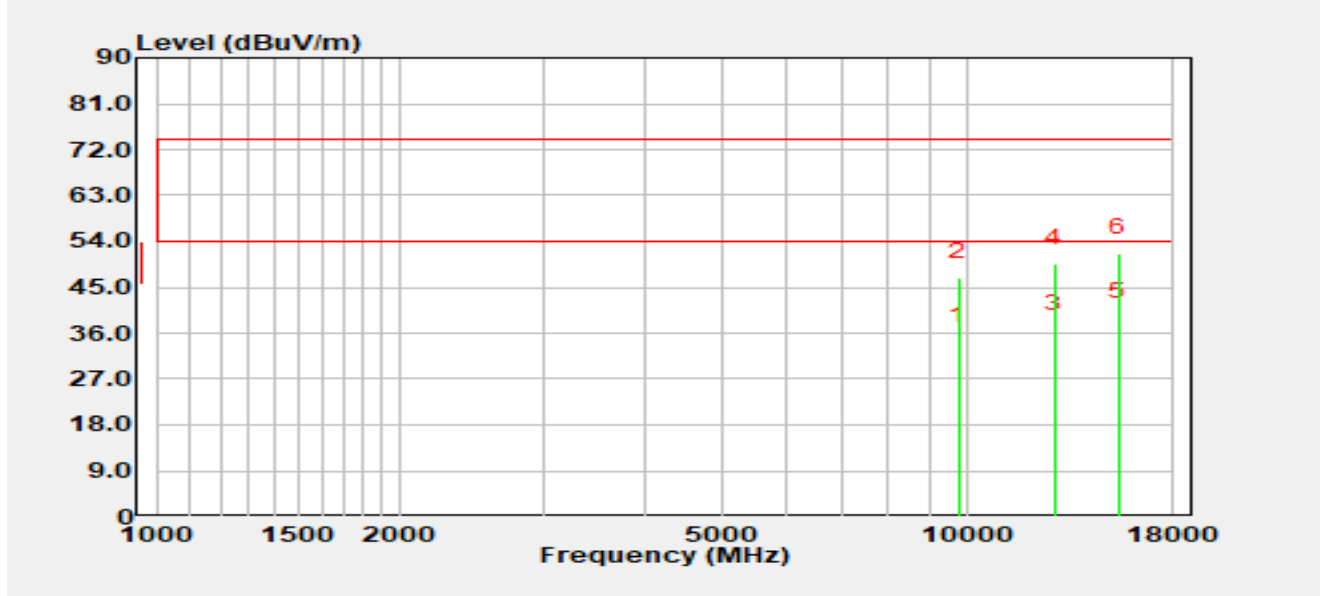


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		33.48	16.20	16.52	32.72	-7.28	40.00	QP
2		52.04	11.37	19.68	31.05	-8.95	40.00	QP
3	*	139.65	24.30	14.26	38.56	-4.94	43.50	QP
4		313.06	7.70	20.14	27.84	-18.16	46.00	QP
5		420.14	9.37	22.73	32.10	-13.90	46.00	QP
6		545.37	7.17	24.63	31.80	-14.20	46.00	QP

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-12-17
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

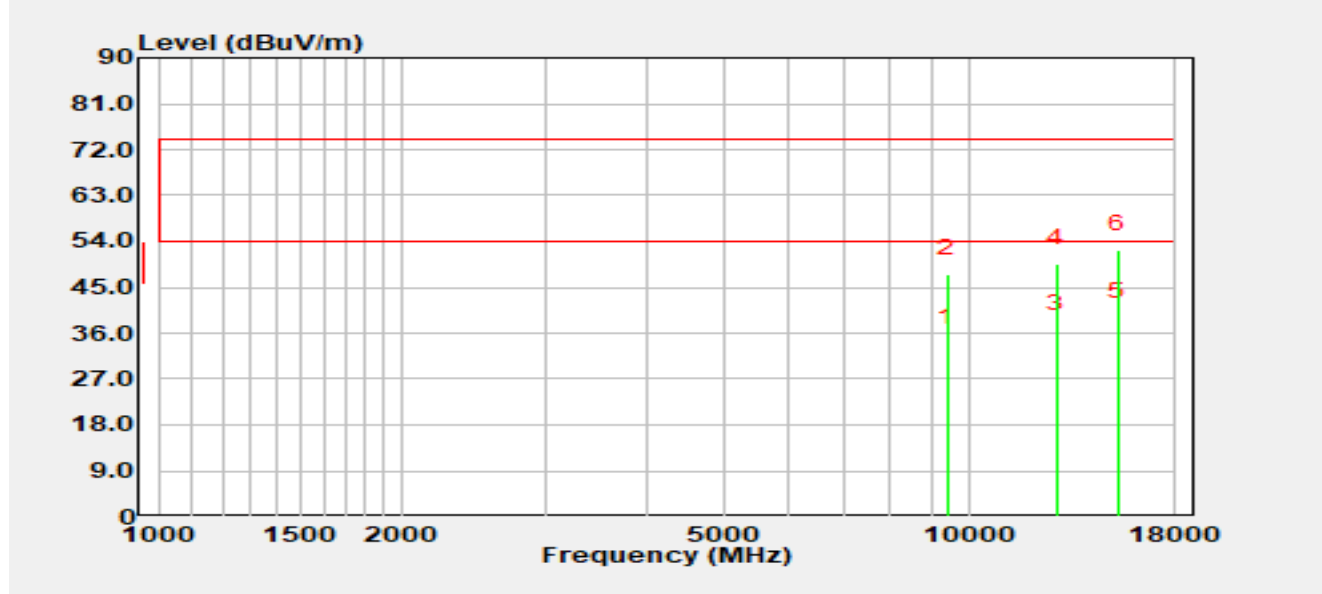


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		9775.40	27.99	6.47	34.46	-19.54	54.00	Average
2		9775.40	40.51	6.47	46.98	-27.02	74.00	Peak
3		12821.80	31.44	5.45	36.89	-17.11	54.00	Average
4		12821.80	44.28	5.45	49.73	-24.27	74.00	Peak
5	*	15376.90	32.68	6.53	39.21	-14.79	54.00	Average
6		15376.90	45.26	6.53	51.78	-22.22	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-12-17
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

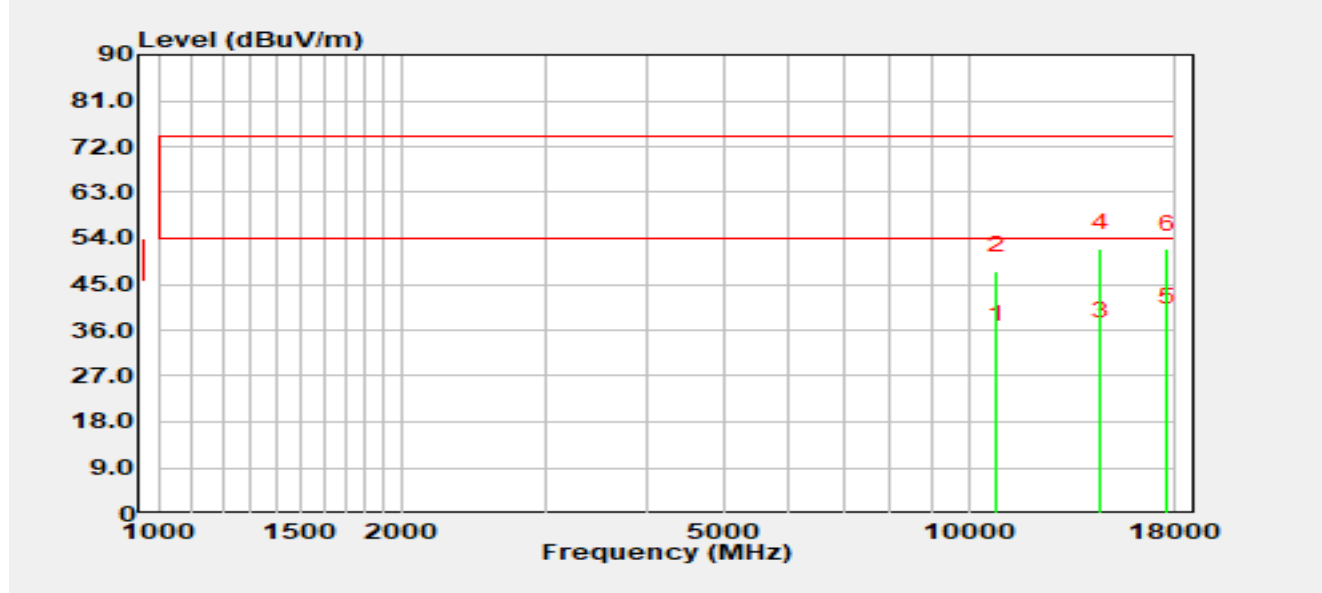


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		9411.60	27.47	6.53	34.00	-20.00	54.00	Average
2		9411.60	41.13	6.53	47.66	-26.34	74.00	Peak
3		12849.00	31.52	5.50	37.02	-16.98	54.00	Average
4		12849.00	44.14	5.50	49.63	-24.37	74.00	Peak
5	*	15286.80	32.74	6.52	39.26	-14.74	54.00	Average
6		15286.80	45.92	6.52	52.45	-21.55	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	19.7 °C	Humidity	27.9%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

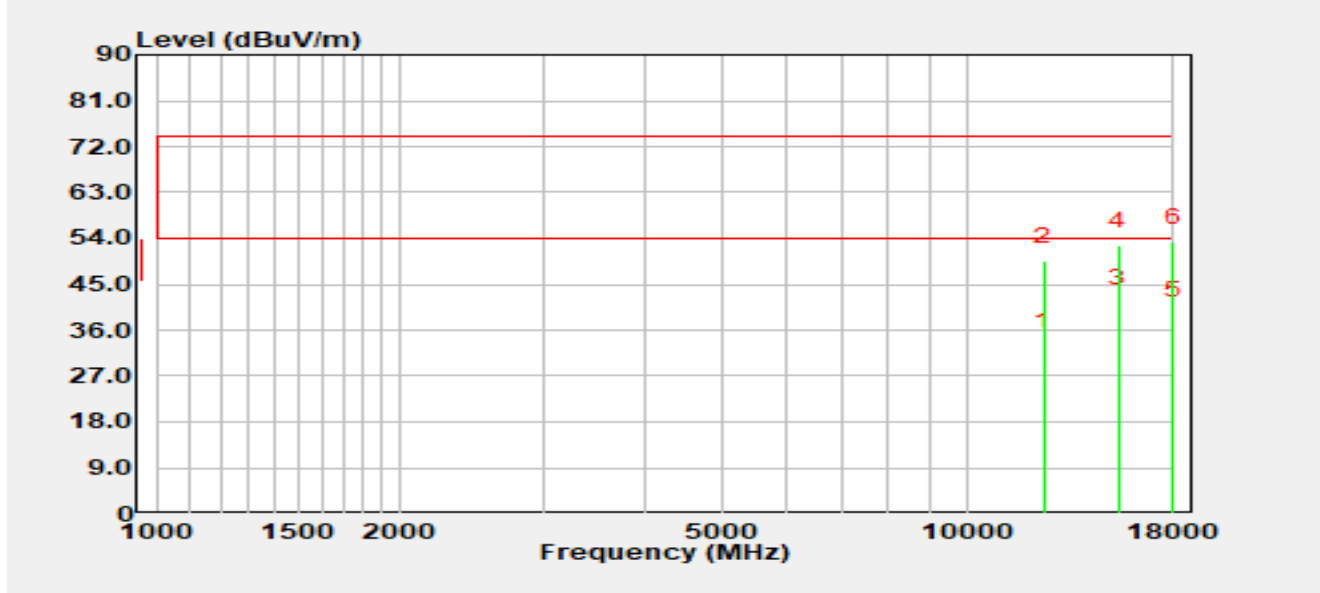


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10822.60	28.66	5.49	34.15	-19.85	54.00	Average
2		10822.60	42.20	5.49	47.70	-26.30	74.00	Peak
3		14549.00	28.96	5.99	34.95	-19.05	54.00	Average
4		14549.00	46.07	5.99	52.05	-21.95	74.00	Peak
5	*	17602.20	33.64	3.93	37.57	-16.43	54.00	Average
6		17602.20	47.89	3.93	51.82	-22.18	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	19.7 °C	Humidity	27.9%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		

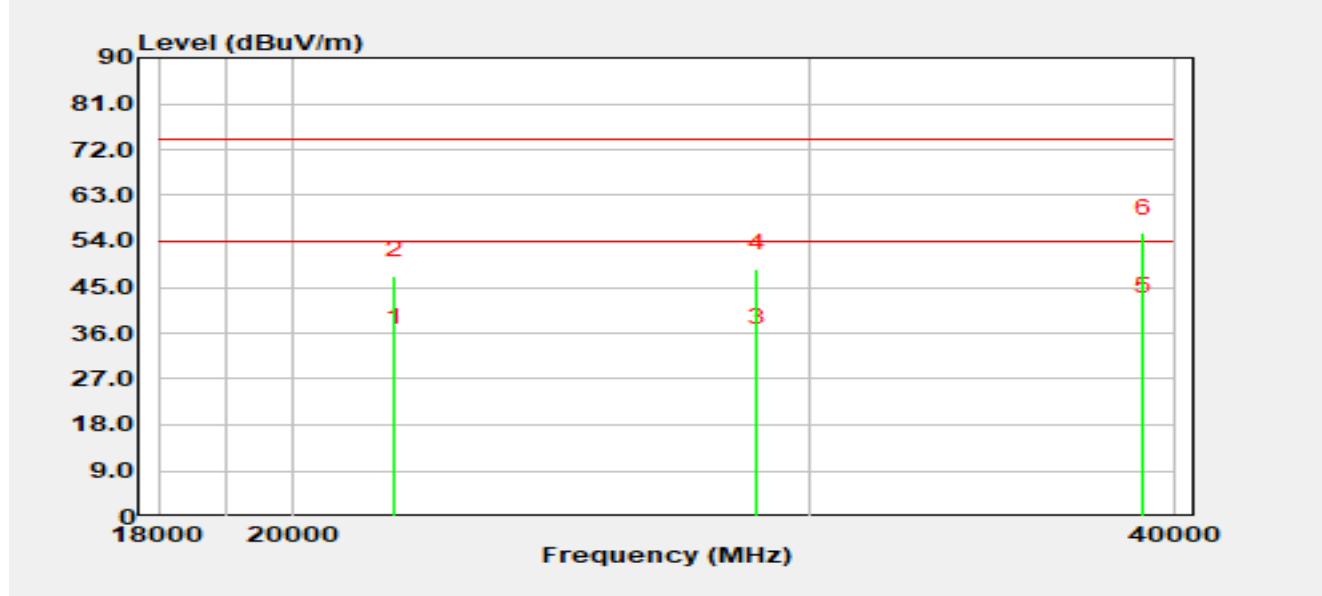


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		12451.20	27.79	5.06	32.86	-21.14	54.00	Average
2		12451.20	44.52	5.06	49.58	-24.42	74.00	Peak
3	*	15390.50	34.66	6.56	41.21	-12.79	54.00	Average
4		15390.50	46.03	6.56	52.58	-21.42	74.00	Peak
5		17962.60	33.84	5.04	38.88	-15.12	54.00	Average
6		17962.60	48.13	5.04	53.18	-20.82	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-12-18
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

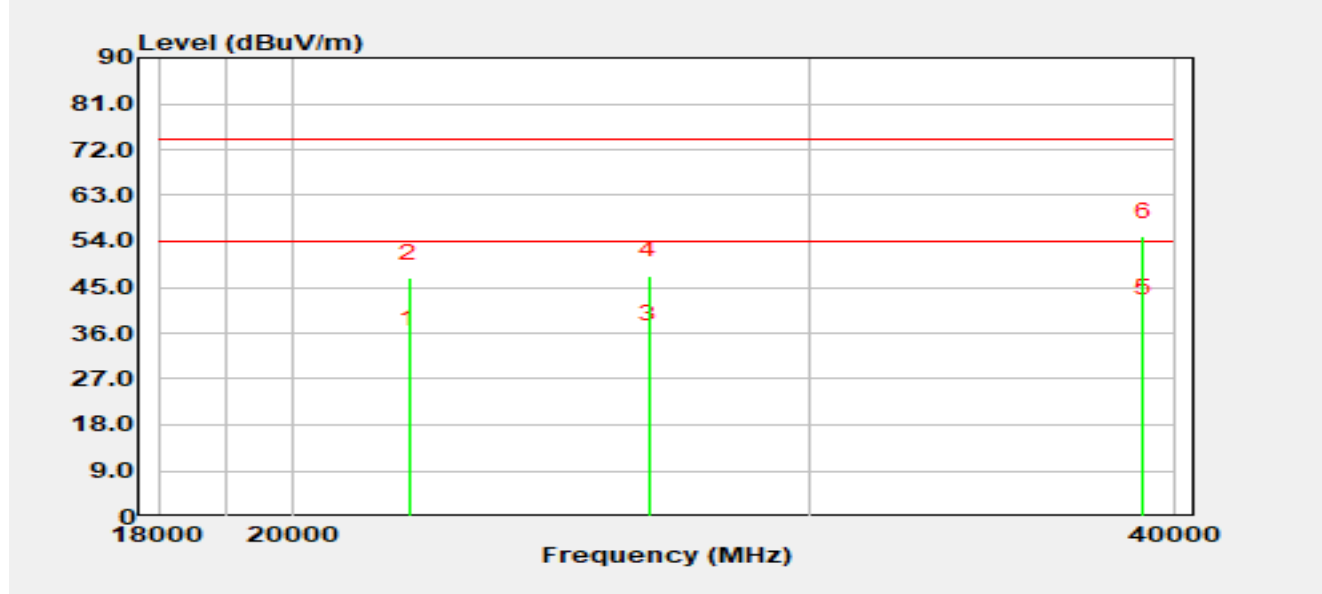


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		21674.00	39.22	-4.94	34.28	-19.72	54.00	Average
2		21674.00	52.20	-4.94	47.27	-26.73	74.00	Peak
3		28791.00	37.44	-3.46	33.98	-20.02	54.00	Average
4		28791.00	52.13	-3.46	48.67	-25.33	74.00	Peak
5	*	38979.20	37.44	2.78	40.22	-13.78	54.00	Average
6		38979.20	52.89	2.78	55.67	-18.33	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2025-12-18
Temperature	25.7 °C	Humidity	25.3%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

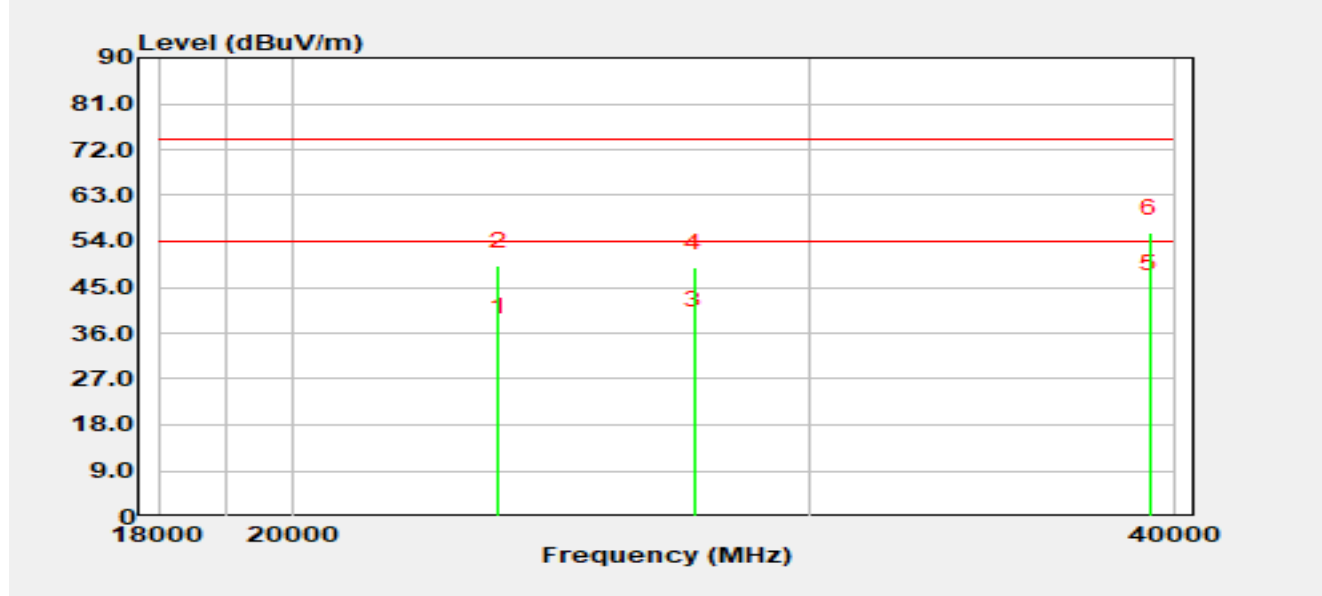


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		21927.00	38.44	-4.74	33.70	-20.30	54.00	Average
2		21927.00	51.50	-4.74	46.76	-27.24	74.00	Peak
3		26450.20	38.02	-3.27	34.75	-19.25	54.00	Average
4		26450.20	50.62	-3.27	47.35	-26.65	74.00	Peak
5	*	39014.40	37.11	2.72	39.83	-14.17	54.00	Average
6		39014.40	52.30	2.72	55.02	-18.98	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement(dBμV/m) = Reading(dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	19.7 °C	Humidity	27.9%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

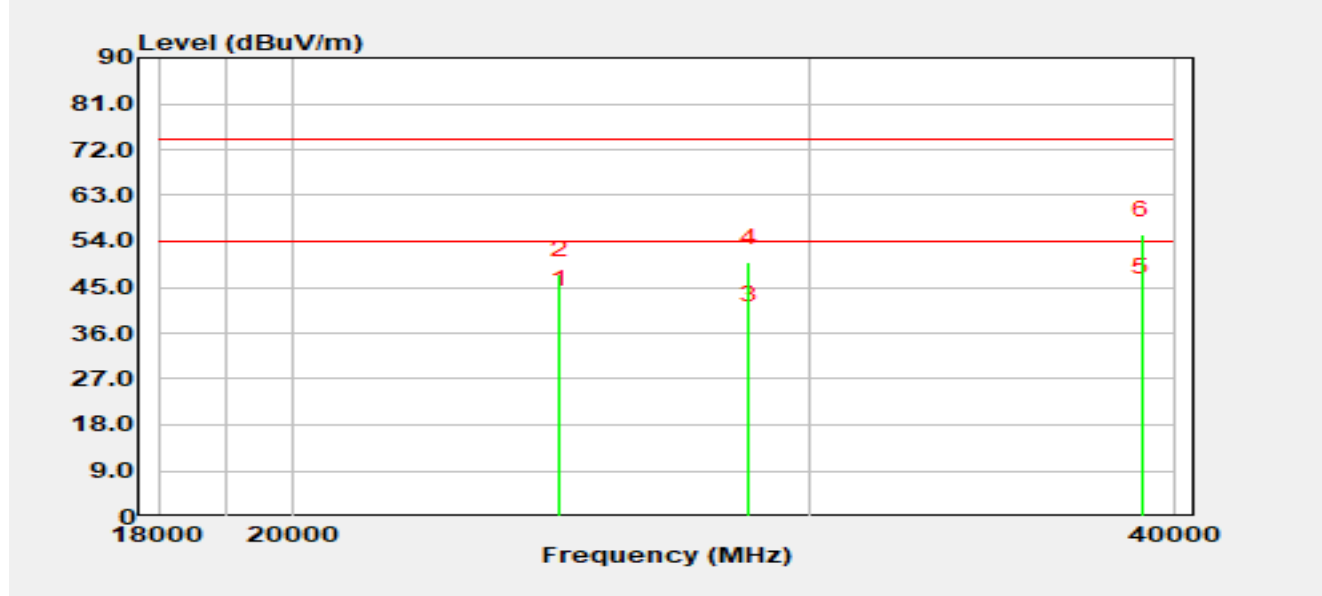


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		23504.40	40.37	-4.14	36.23	-17.77	54.00	Average
2		23504.40	53.30	-4.14	49.16	-24.84	74.00	Peak
3		27427.00	41.27	-3.85	37.42	-16.58	54.00	Average
4		27427.00	52.65	-3.85	48.80	-25.20	74.00	Peak
5	*	39197.00	42.35	2.18	44.53	-9.47	54.00	Average
6		39197.00	53.46	2.18	55.64	-18.36	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Site	WJ-AC2	Test Date	2026-04-14
Temperature	19.7 °C	Humidity	27.9%
Limit	FCC_Part 15.109_RE (3 m)_Class B	Test Engineer	Bob Zhang
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		24668.20	45.27	-3.73	41.53	-12.47	54.00	Average
2		24668.20	51.18	-3.73	47.44	-26.56	74.00	Peak
3		28630.40	42.14	-3.73	38.41	-15.59	54.00	Average
4		28630.40	53.51	-3.73	49.78	-24.22	74.00	Peak
5	*	38959.40	42.77	1.34	44.10	-9.90	54.00	Average
6		38959.40	53.90	1.34	55.23	-18.77	74.00	Peak

Notes:

1. "*" indicates the worst-case emission level observed during the measurement.
2. C.F (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - AMP (dB).
3. Measurement (dBμV/m) = Reading (dBμV) + C.F (dB/m).

Appendix A - Test Setup Photograph

Refer to "R26S1032073-UT" file.

Appendix B - EUT Photograph

Refer to "R26S1032073-UE" file.

The End
