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.:	AP571
Product Family Models:	AP571e
Brand Name:	HAN NETWORKS, HANNETWORKS
FCC Rule Part(s):	FCC Part 15 Subpart B
Test Procedure:	ANSI C63.4-2014
Result:	Complies
Received Date:	2025-06-09
Test Date:	2025-08-15 ~ 2025-08-26

Reviewed By: Vincent Yu

Vincent Yu

Approved By: Robin Wu

Robin Wu

ilac-MRA

ACCREDITED
TESTING LABORATORY
CERTIFICATE #3628.01

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
R25S1073095-U101	V01	Initial Report	2025-12-22	Valid

Note: This report is a copy report based on MRT original report (Report No.: R25S1009065-U101). Only applicant & manufacturer information and product information (name, model and brand name) has changed in this report, others are identical. The test data are all 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	
	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	
	A2LA: 3628.02	CNAS: L10551
	FCC: CN1284	ISED: CN0105
☐	**Test Site - MRT Taiwan Laboratory**	
	Laboratory Location (Taiwan) No. 38, Fuxing 2nd Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)	
	Laboratory Accreditations	
	TAF: 3261	
	FCC: 291082, TW3261	ISED: TW3261

1.4. Product Information

Product	HAN Access Point
Model No.	AP571
Product Family Models	AP571e
Brand Name	HAN NETWORKS, HANNETWORKS
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Zigbee Specification	802.15.4
GNSS Specification	BDS, Galileo, GLONASS, GPS, SBAS
Bluetooth Specification	Bluetooth-LE only
Operating Environment	Outdoor Use
Power Supply	PoE Input
Accessories	
PoE #1	Model: POE60U-1BT-X Input: 100-240V ~ 1.5A, 50-60Hz Output: 56V⎓0.535A, 30W PIN 3, 6+ PIN 1, 2 Return Output: 56V⎓0.535A, 30W PIN 4, 5+ PIN 7, 8 Return
PoE #2	Model: POE075U-1BT Input: 100-240V ~ 2.0A, 50-60Hz POE Output 1: 56V⎓0.8A, 45W PIN 3, 6 - +56V PIN 1, 2 - RETURN POE Output 2: 56V⎓0.8A, 45W PIN 4, 5 - +56V PIN 7, 8 - RETURN

Notes:

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. PoE Injectors are not marketed in conjunction with the device.
3. The two models share the same schematic diagram and PCB mainboard, with generally identical structure and enclosure. The differences are as follows:
   Wi-Fi Antenna difference: AP571 features an internal omnidirectional antenna; AP571e features an external omnidirectional antenna. The BLE/ZigBee antennas are completely identical.

Compared to AP571, the AP571e includes external antenna connectors as part of the structural components.

2. Test Configuration

2.1. Test Mode

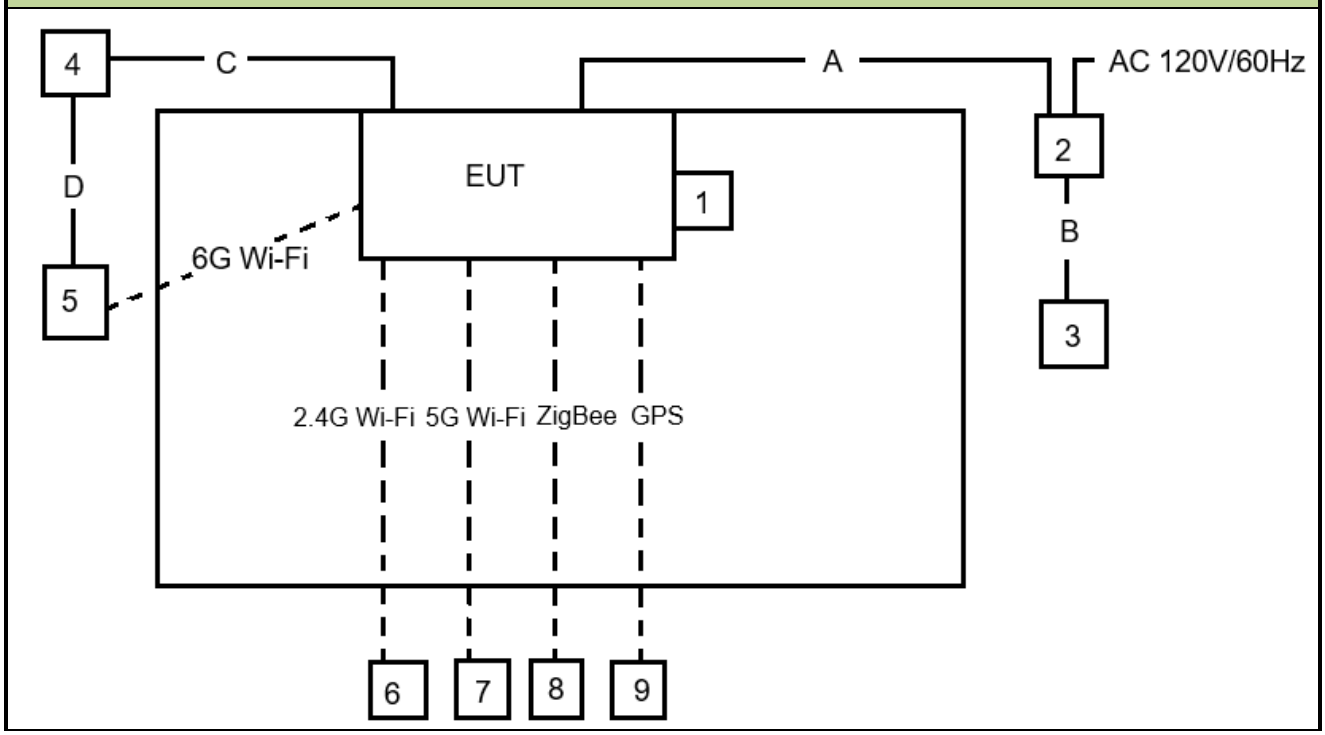
Mode 1: AP571e powered by PoE via ETH0/PD port and connect to desktop computer via PoE + connect to switch via ETH1/PSE port and connect to notebook via switch + Connect to mobile phones via 2.4G & 5G Wi-Fi + Connect to notebook via 6G Wi-Fi (Configuration 1) + Connect to signal generator via Zigbee + GPS+ Plug USB flash and make it reading/writing.

Mode 2: AP571e powered by PoE + connect to switch via ETH1/PSE port and connect to notebook via switch + Connect to mobile phones via 2.4G & 5G Wi-Fi (Configuration 2) + Ping through the SFP + port+ Connect to mobile phone via BLE + GPS + Plug USB flash and make it reading/writing.

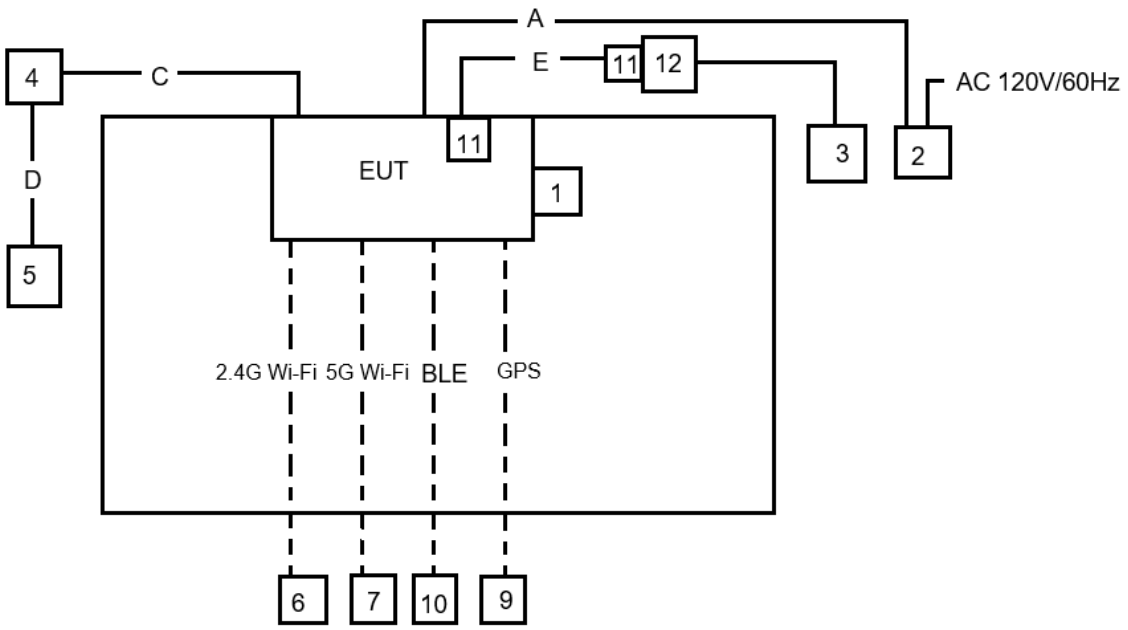
2.2. Configuration of Tested System

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

Mode 1



Mode 2



Cable Type		Cable Spec.	Length
A	LAN Cable	Shielded	>3.0 m
B	LAN Cable	Shielded	1.5 m
C	LAN Cable	Shielded	>3.0 m
D	LAN Cable	Shielded	1.5 m
E	Fiber optic Cable	Non-Shielded	>5.0 m
F	LAN Cable	Shielded	1.5 m
Product		Manufacturer	Model No.
1	USB flash disk	Kingston	32GB
2	PoE Injector	PHIHONG	POE60U-1BT-X
3	Desktop	DELL	Vostro.270
4	Switch	KeepLINK	KP-9000-108GS
5	Notebook	DELL	P137G
6	Mobile Phone	Apple	XR
7	Mobile Phone	Vivo	iQOO Neo8
8	Signal Generator	R&S	SMU200A
9	Signal Generator	Agilent	E4438C
10	Mobile Phone	Apple	iPhone 13
11	Optical module	ETERN	FLS10I110S
12	Switch	XIAOMI	SW-106T-A

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
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2026-04-29	SIP-SR2
EMI Test Receiver	R&S	ESR3	MRTSUE06612	1 year	2026-04-29	SIP-SR2
Four-Line V-Network	R&S	ENV432	MRTSUE06614	1 year	2025-10-13	SIP-SR2
Thermohygrometer	testo	608-H1	MRTSUE06621	1 year	2025-10-29	SIP-SR2
Shielding Room	MIX-BEP	SIP-SR2	MRTSUE06949	5 years	2029-10-13	SIP-SR2
Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2025-12-20	SIP-AC1
Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2026-05-13	SIP-AC1
Thermohygrometer	testo	608-H1	MRTSUE06616	1 year	2025-10-16	SIP-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06645	1 year	2026-06-26	SIP-AC1
Preamplifier	MRT	AMP-AC1	MRTSUE11265	1 year	2025-11-05	SIP-AC1
Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2026-01-21	SIP-AC1
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2025-12-05	SIP-AC1
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06648	1 year	2025-10-20	SIP-AC2
Preamplifier	EMCI	EMC051845SE	MRTSUE06601	1 year	2025-11-01	SIP-AC2
Thermohygrometer	testo	608-H1	MRTSUE06622	1 year	2025-10-29	SIP-AC2
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2025-12-20	SIP-AC2
Signal Analyzer	Keysight	N9020B	MRTSUE06604	1 year	2026-01-21	SIP-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2025-11-03	SIP-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2025-10-08	SIP-AC2

Software	Version	Function
e3	230711	RE & CE
Controller_MF 7802BS	1.02	RE Antenna & Turntable

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: 3.58 dB 150 kHz ~ 30 MHz: 3.20 dB
Radiated Emission Measurement
The maximum measurement uncertainty is evaluated as: Horizontal: 30 MHz ~ 200 MHz: 3.47 dB 200 MHz ~ 1 GHz: 4.17 dB 1 GHz ~ 40 GHz: 4.97 dB Vertical: 30 MHz ~ 200 MHz: 4.07 dB 200 MHz ~ 1 GHz: 5.28 dB 1 GHz ~ 40 GHz: 4.84 dB

5. Test Result

5.1. Summary

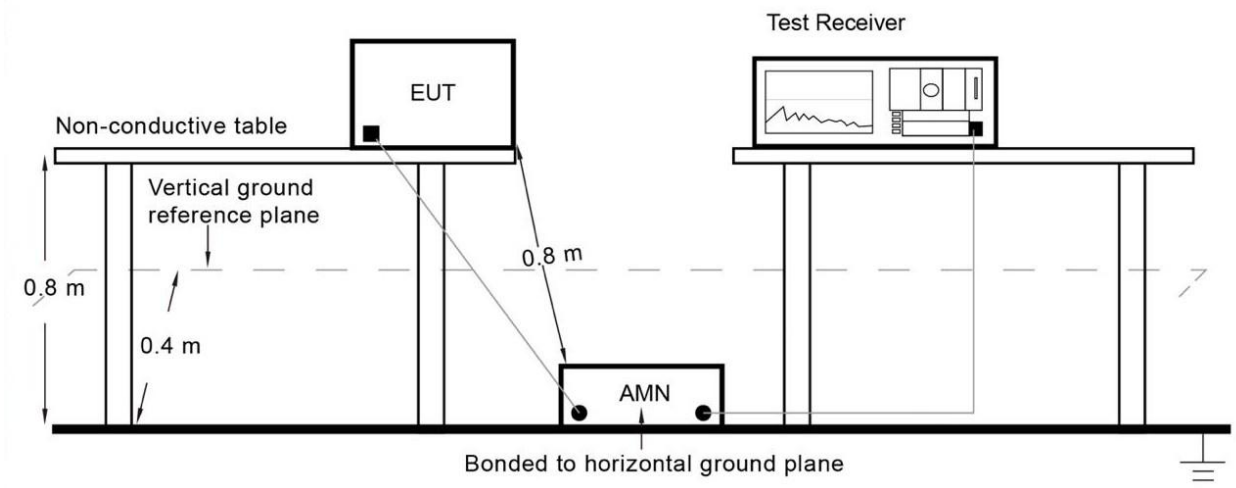
FCC Part Section(s)	Test Description	Result
15.107	Conducted Emission	Pass
15.109	Radiated Emission	Pass

5.2. Conducted Emission

5.2.1. Test Limit

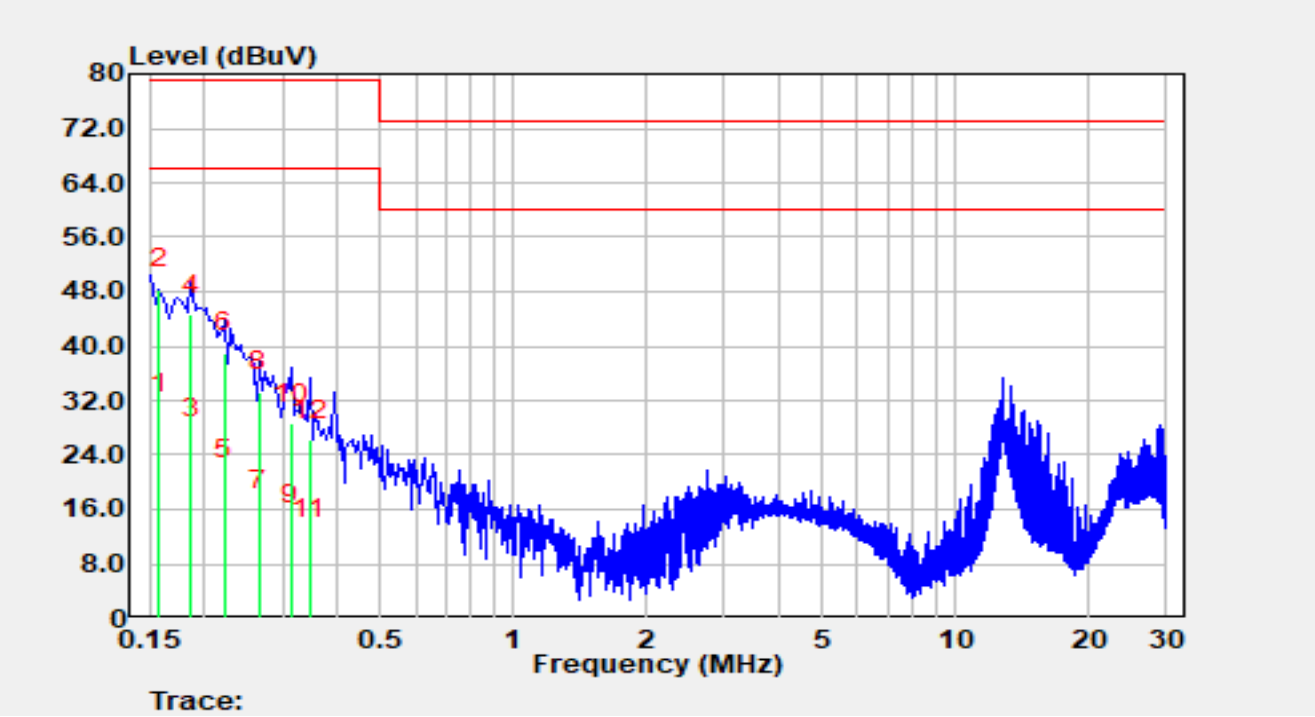
FCC Part 15.107				
Frequency (MHz)	Class A Limits		Class B Limits	
	QP (dBμV)	AV (dBμV)	QP (dBμV)	AV (dBμV)
0.15 - 0.50	79	66	66 ~ 56	56 ~ 46
0.50 - 5.0	73	60	56	46
5.0 - 30	73	60	60	50
Note 1: The lower limit shall apply at the transition frequencies. Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.				

5.2.2. Test Setup



5.2.3. Test Result

Site	SIP-SR2	Test Date	2025-08-15
Temperature	22.3 °C	Humidity	63.8%
Limit	FCC Part 15.107_CE_Mains_Class A	Test Engineer	Poli Cai
Factor	ENV216_101684_Filter off	Polarity	Line
Test Mode	Mode 1, Power Port	Test Voltage	AC 120 V/60 Hz

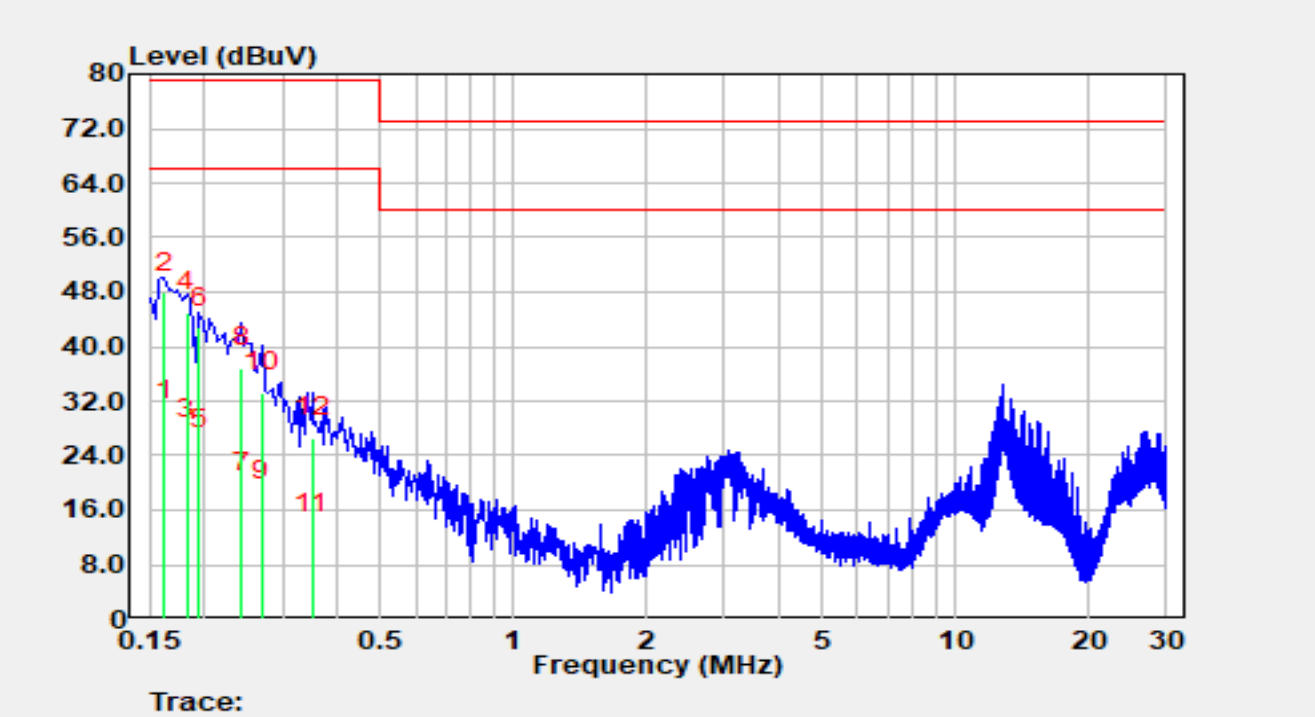


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.158	20.43	9.57	30.00	-36.00	66.00	Average
2	*	0.158	38.73	9.57	48.31	-30.69	79.00	QP
3		0.186	16.77	9.59	26.36	-39.64	66.00	Average
4		0.186	35.04	9.59	44.63	-34.37	79.00	QP
5		0.222	10.76	9.63	20.39	-45.61	66.00	Average
6		0.222	29.37	9.63	39.00	-40.00	79.00	QP
7		0.266	6.35	9.65	16.00	-50.00	66.00	Average
8		0.266	23.63	9.65	33.29	-45.71	79.00	QP
9		0.314	4.04	9.67	13.72	-52.28	66.00	Average
10		0.314	18.92	9.67	28.60	-50.40	79.00	QP
11		0.346	2.04	9.67	11.71	-54.29	66.00	Average
12		0.346	16.57	9.67	26.25	-52.75	79.00	QP

Notes:

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

Site	SIP-SR2	Test Date	2025-08-15
Temperature	22.3 °C	Humidity	63.8%
Limit	FCC Part 15.107_CE_Mains_Class A	Test Engineer	Poli Cai
Factor	ENV216_101684_Filter off	Polarity	Neutral
Test Mode	Mode 1, Power Port	Test Voltage	AC 120 V/60 Hz



No	Mark	Frequency (MHz)	Reading (dBµV)	C.F (dB)	Measurement (dBµV)	Margin (dB)	Limit (dBµV)	Detector
1		0.162	19.46	9.58	29.04	-36.96	66.00	Average
2	*	0.162	38.30	9.58	47.88	-31.12	79.00	QP
3		0.182	16.83	9.58	26.42	-39.58	66.00	Average
4		0.182	35.54	9.58	45.12	-33.88	79.00	QP
5		0.194	15.27	9.60	24.86	-41.14	66.00	Average
6		0.194	33.17	9.60	42.76	-36.24	79.00	QP
7		0.242	8.86	9.65	18.51	-47.49	66.00	Average
8		0.242	27.23	9.65	36.88	-42.12	79.00	QP
9		0.270	7.63	9.65	17.28	-48.72	66.00	Average
10		0.270	23.71	9.65	33.36	-45.64	79.00	QP
11		0.350	2.86	9.66	12.53	-53.47	66.00	Average
12		0.350	16.93	9.66	26.59	-52.41	79.00	QP

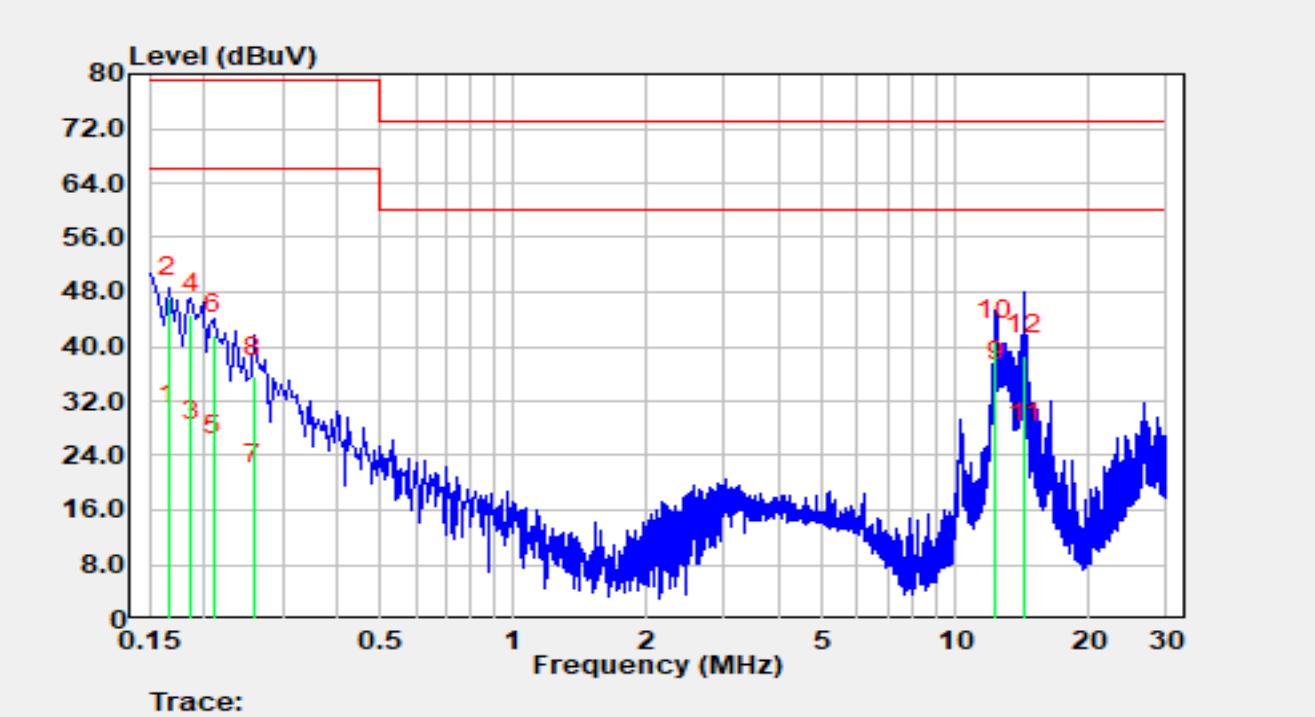
Notes:

1. " * " indicates the worst-case emission level observed during the measurement.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	SIP-SR2	Test Date	2025-08-15
Temperature	22.3 °C	Humidity	63.8%
Limit	FCC Part 15.107_CE_Mains_Class A	Test Engineer	Poli Cai
Factor	ENV216_101684_Filter off	Polarity	Line
Test Mode	Mode 2, Power Port	Test Voltage	AC 120 V/60 Hz



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.166	18.90	9.58	28.47	-37.53	66.00	Average
2		0.166	37.61	9.58	47.19	-31.81	79.00	QP
3		0.186	16.67	9.59	26.26	-39.74	66.00	Average
4		0.186	35.19	9.59	44.78	-34.22	79.00	QP
5		0.210	14.51	9.62	24.14	-41.86	66.00	Average
6		0.210	32.09	9.62	41.71	-37.29	79.00	QP
7		0.258	10.05	9.65	19.70	-46.30	66.00	Average
8		0.258	25.93	9.65	35.58	-43.42	79.00	QP
9	*	12.320	24.68	10.12	34.80	-25.20	60.00	Average
10		12.320	30.75	10.12	40.87	-32.13	73.00	QP
11		14.320	15.60	10.16	25.76	-34.24	60.00	Average
12		14.320	28.58	10.16	38.75	-34.25	73.00	QP

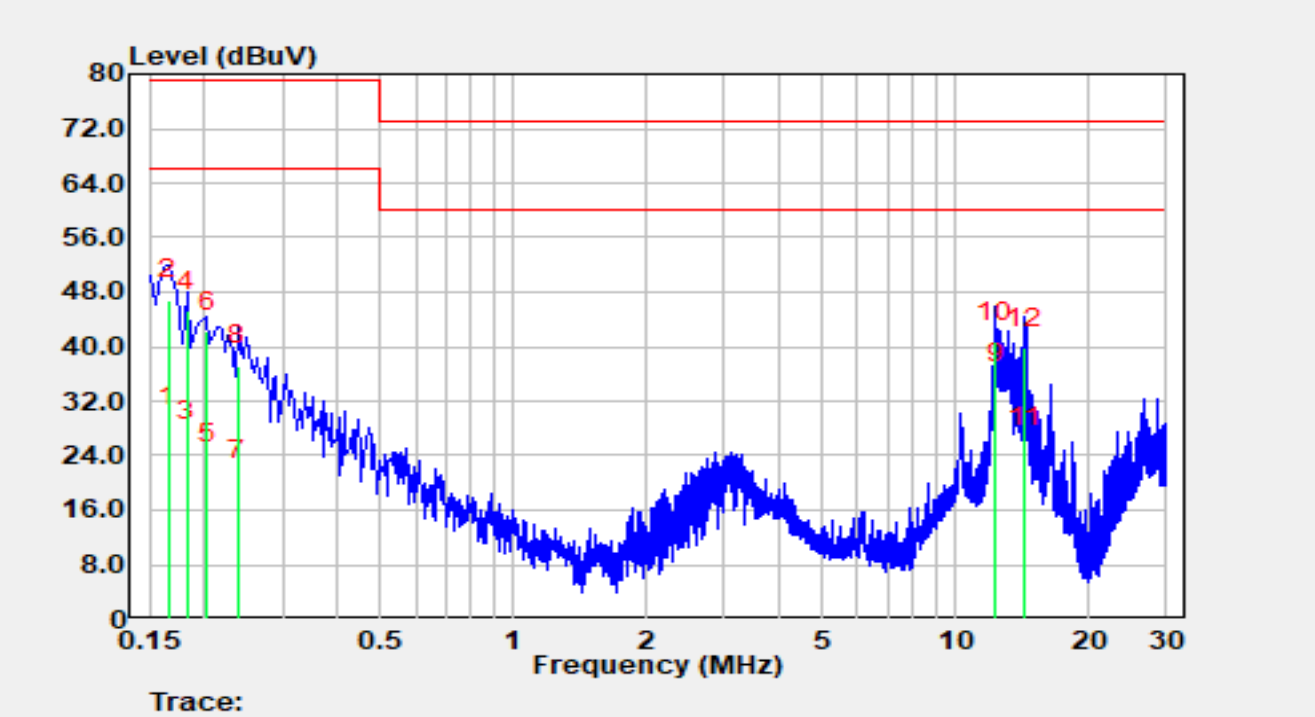
Notes:

1. " * " indicates the worst-case emission level observed during the measurement.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

Site	SIP-SR2	Test Date	2025-08-15
Temperature	22.3 °C	Humidity	63.8%
Limit	FCC Part 15.107_CE_Mains_Class A	Test Engineer	Poli Cai
Factor	ENV216_101684_Filter off	Polarity	Neutral
Test Mode	Mode 2, Power Port	Test Voltage	AC 120 V/60 Hz



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.166	18.67	9.58	28.25	-37.75	66.00	Average
2		0.166	37.36	9.58	46.94	-32.06	79.00	QP
3		0.182	16.67	9.58	26.26	-39.74	66.00	Average
4		0.182	35.63	9.58	45.21	-33.79	79.00	QP
5		0.202	13.26	9.61	22.87	-43.13	66.00	Average
6		0.202	32.58	9.61	42.19	-36.81	79.00	QP
7		0.238	10.68	9.65	20.32	-45.68	66.00	Average
8		0.238	27.62	9.65	37.27	-41.73	79.00	QP
9	*	12.320	24.50	10.12	34.62	-25.38	60.00	Average
10		12.320	30.55	10.12	40.67	-32.33	73.00	QP
11		14.350	14.94	10.17	25.11	-34.89	60.00	Average
12		14.350	29.54	10.17	39.71	-33.29	73.00	QP

Notes:

1. " * " indicates the worst-case emission level observed during the measurement.

2. C.F (dB) = LISN Factor (dB) + Cable Loss (dB).

3. Measurement (dBμV) = Reading (dBμV) + C.F (dB).

5.3. Radiated Emission

5.3.1. Test Limit

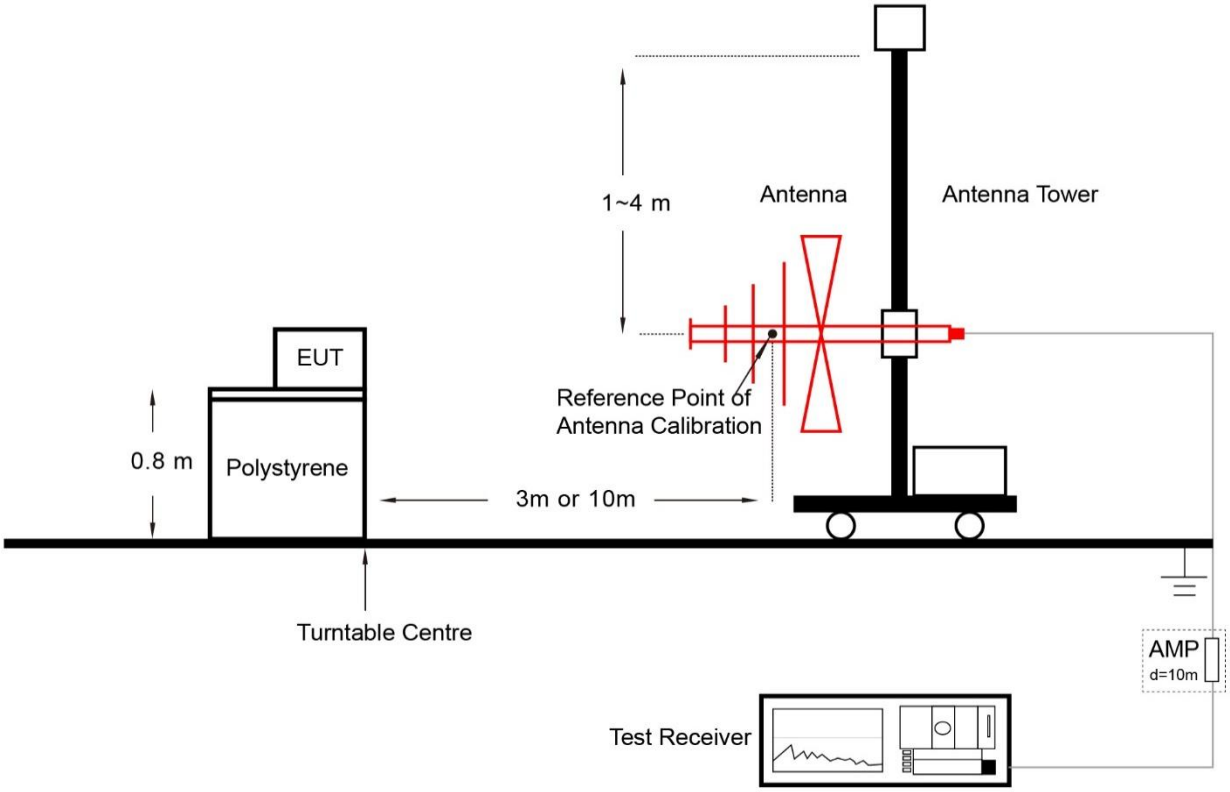
FCC Part 15.109 Limits					
Frequency Range (MHz)	Class A (dBμV/m)		Class B (dBμV/m)		Detector Function
	3 meters	10 meters	3 meters	10 meters	
30 - 88	49.0	39.0	40.0	30.0	Quasi-peak
88 - 216	53.5	43.5	43.5	33.5	Quasi-peak
216 - 960	56.4	46.4	46.0	36.0	Quasi-peak
960 - 1000	59.5	49.5	54.0	44.0	Quasi-peak
Above 1000	59.5	49.5	54.0	44.0	Average
	79.5	69.5	74.0	64.0	Peak

Note 1: The lower limit shall apply at the transition frequency.

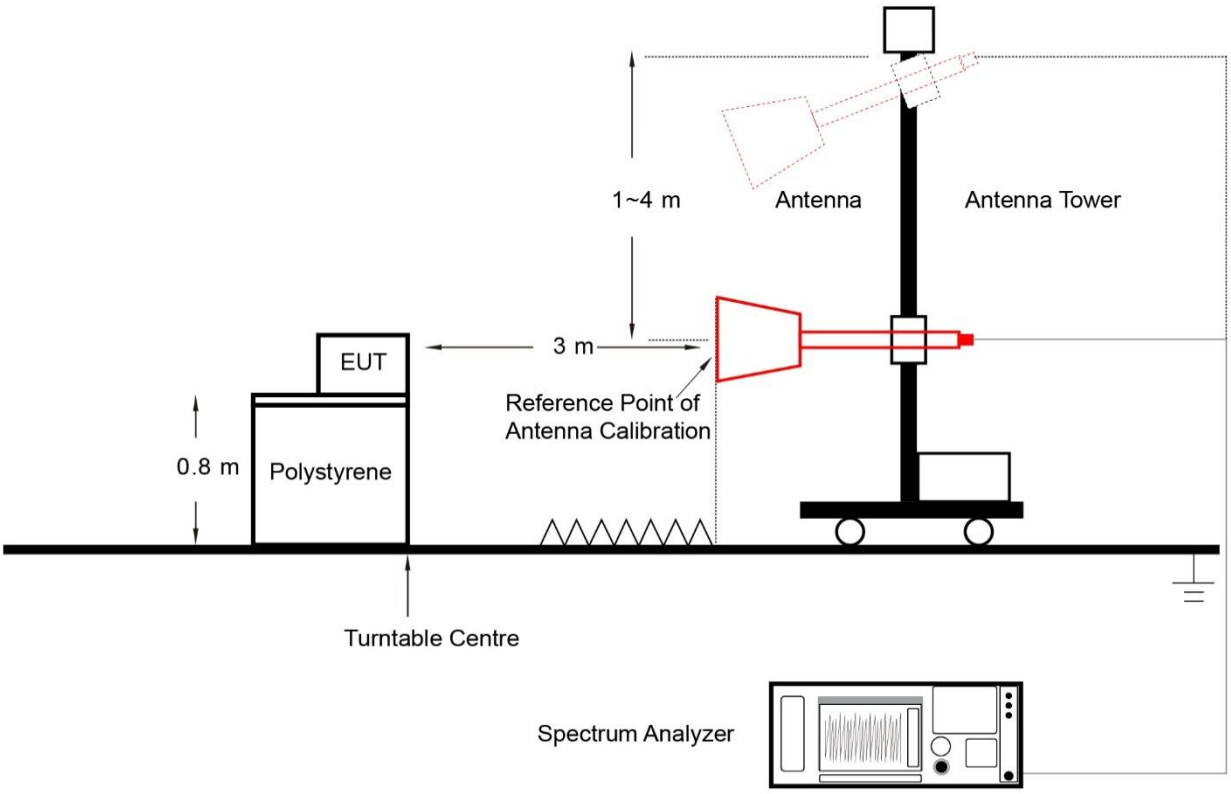
Note 2: Distance refers to the distance (in meters) between the antenna of the measuring instrument and the closest point of any part of the device or system.

5.3.2. Test Setup

Below 1 GHz Test Setup:

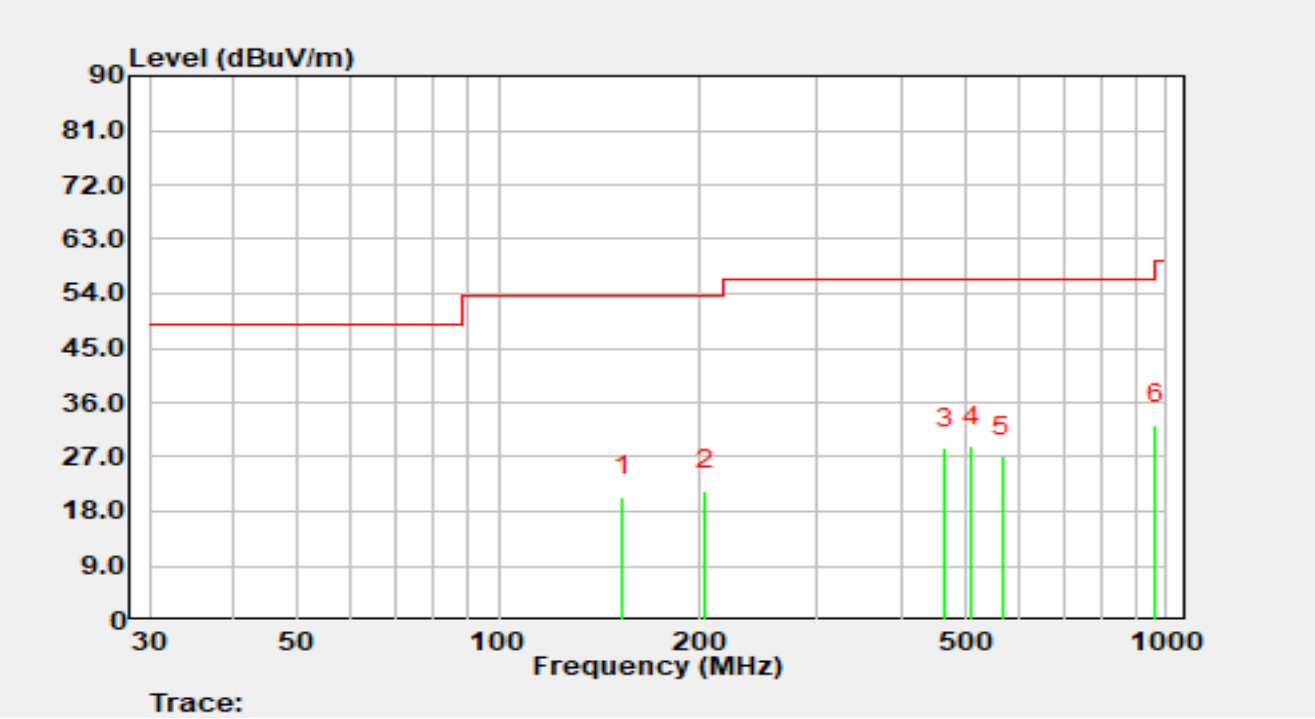


Above 1 GHz Test Setup:



5.3.3. Test Result

Site	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	VULB 9168_00998	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

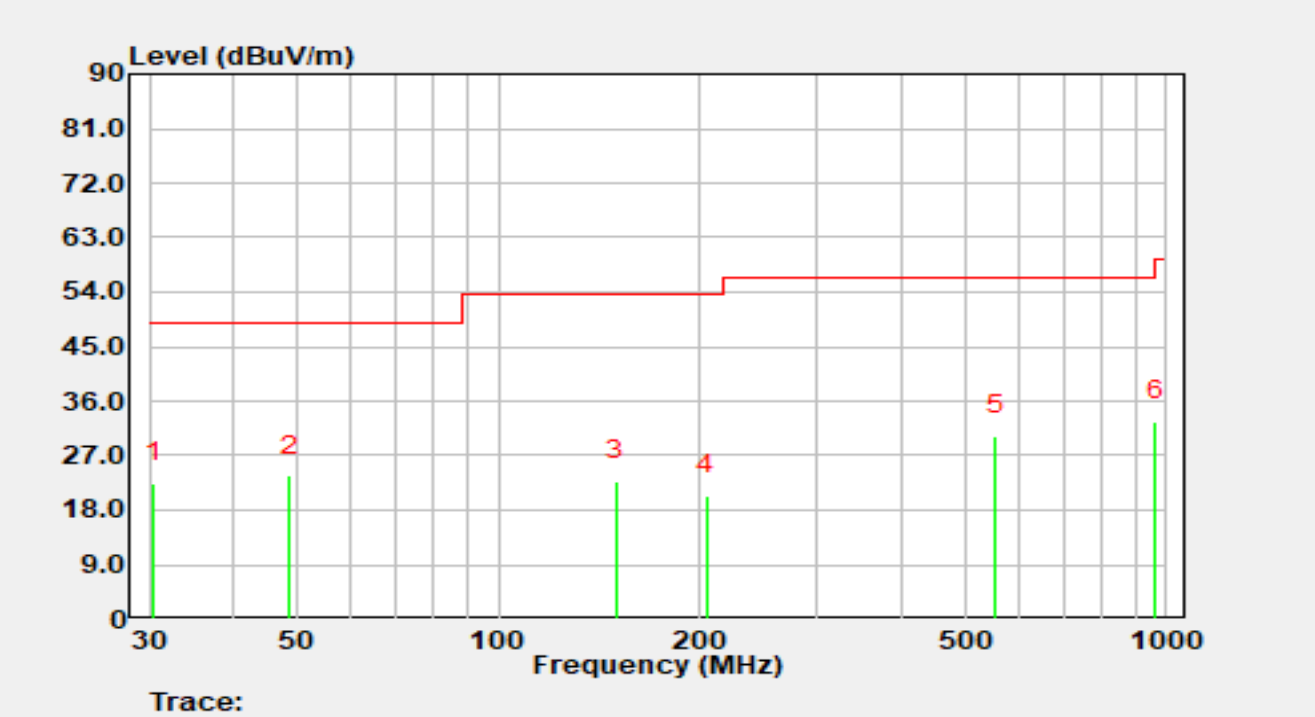


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		153.147	1.80	18.62	20.42	-33.08	53.50	QP
2		203.594	6.50	14.93	21.43	-32.07	53.50	QP
3		465.599	5.20	23.21	28.41	-27.99	56.40	QP
4		511.297	4.50	24.32	28.82	-27.58	56.40	QP
5		568.214	1.80	25.23	27.03	-29.37	56.40	QP
6	*	962.500	0.60	31.74	32.34	-27.16	59.50	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	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	VULB 9168_00998	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

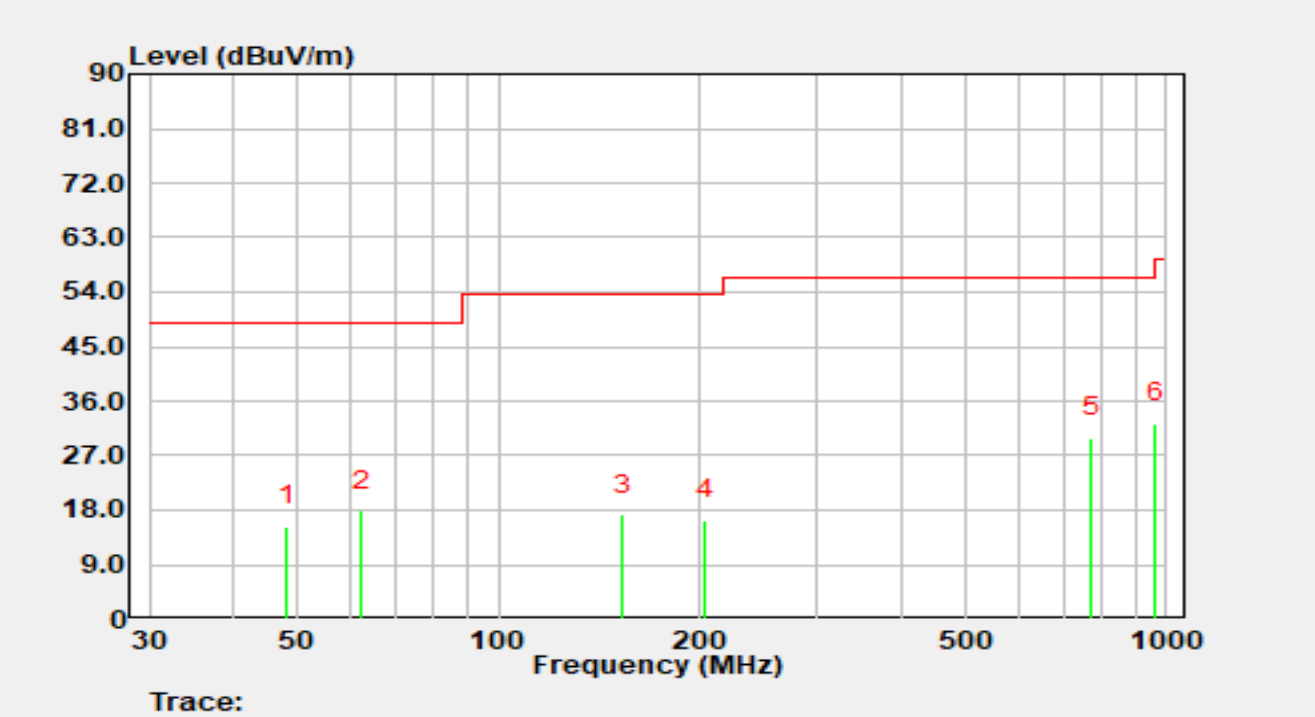


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30.381	5.50	17.07	22.57	-26.43	49.00	QP
2	*	48.553	5.50	18.21	23.71	-25.29	49.00	QP
3		150.116	4.10	18.66	22.76	-30.74	53.50	QP
4		204.596	5.60	14.93	20.53	-32.97	53.50	QP
5		554.825	5.40	24.93	30.33	-26.07	56.40	QP
6		961.825	0.90	31.74	32.64	-26.86	59.50	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	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	VULB 9168_00998	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

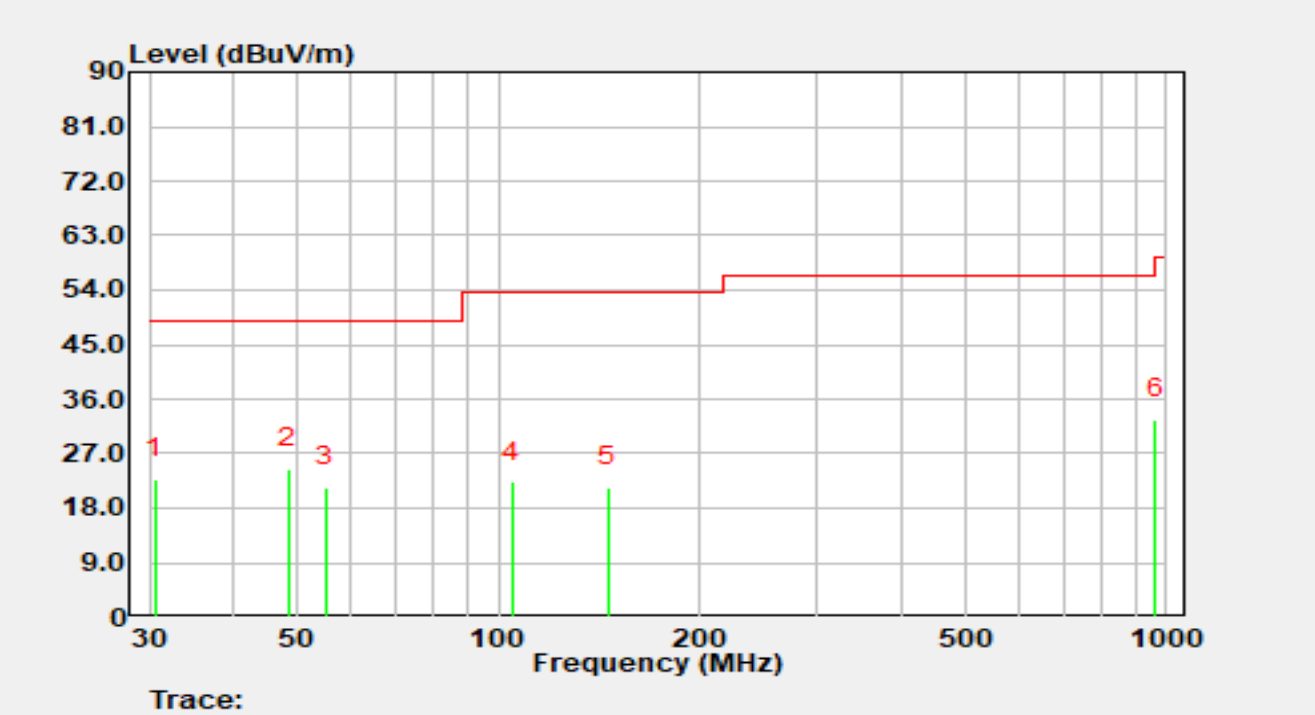


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		48.213	-2.90	18.20	15.30	-33.70	49.00	QP
2		62.475	0.50	17.40	17.90	-31.10	49.00	QP
3		153.685	-1.30	18.60	17.30	-36.20	53.50	QP
4		203.451	1.50	14.93	16.43	-37.07	53.50	QP
5	*	770.908	0.50	29.39	29.89	-26.51	56.40	QP
6		961.488	0.60	31.75	32.35	-27.15	59.50	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	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	VULB 9168_00998	Polarity	Vertical
Test Mode	Mode 2	Test Voltage	By PoE

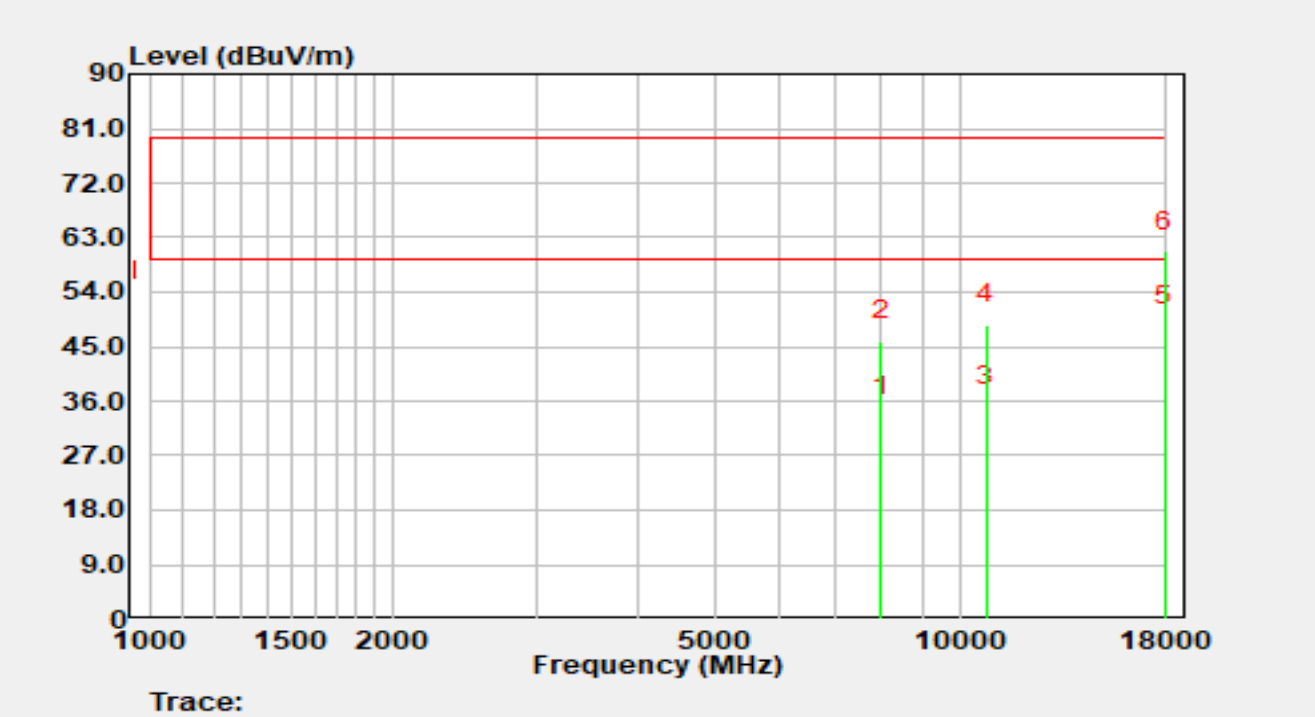


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30.616	5.70	17.07	22.77	-26.23	49.00	QP
2	*	48.400	6.40	18.20	24.60	-24.40	49.00	QP
3		54.989	3.30	18.14	21.44	-27.56	49.00	QP
4		104.756	7.90	14.50	22.40	-31.10	53.50	QP
5		146.066	3.10	18.47	21.57	-31.93	53.50	QP
6		961.825	0.90	31.74	32.64	-26.86	59.50	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	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	HF907_102862	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

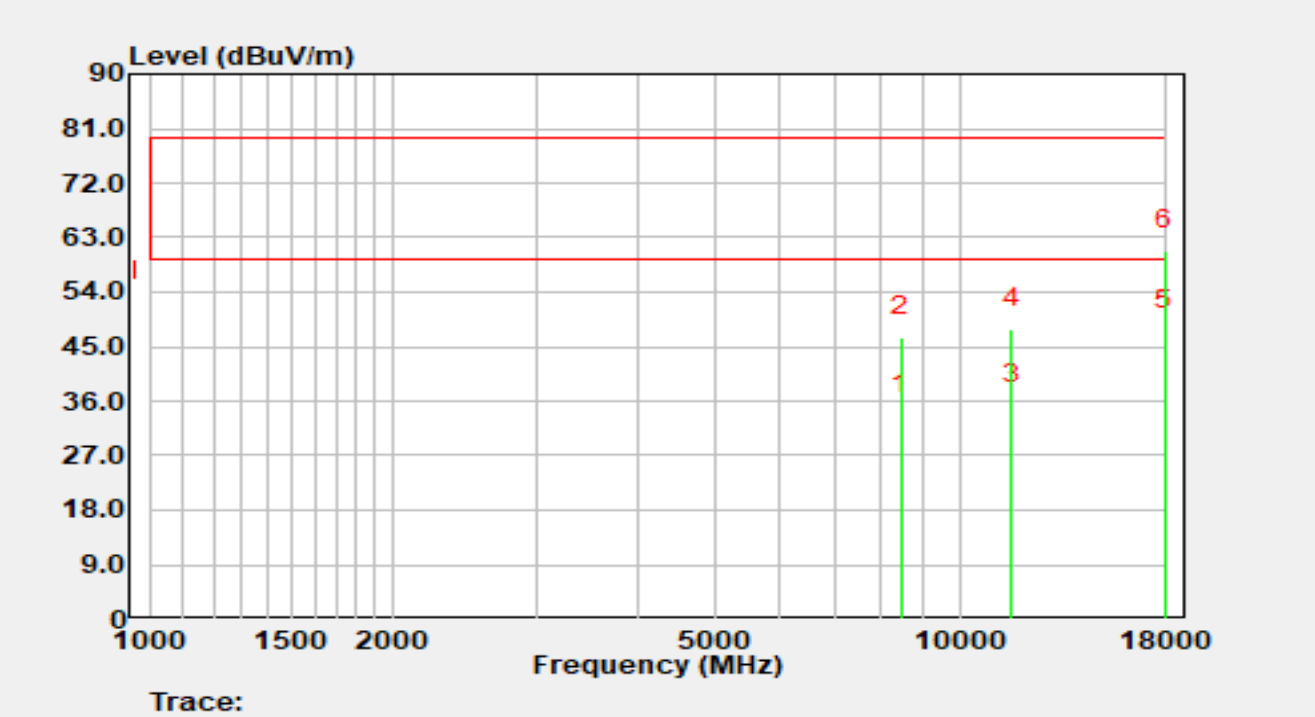


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7985.300	23.57	9.83	33.40	-26.10	59.50	Average
2		7985.300	36.04	9.83	45.87	-33.63	79.50	Peak
3		10781.800	21.59	13.55	35.14	-24.36	59.50	Average
4		10781.800	35.04	13.55	48.59	-30.91	79.50	Peak
5	*	17949.000	22.79	25.62	48.41	-11.09	59.50	Average
6		17949.000	35.04	25.62	60.66	-18.84	79.50	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	SIP-AC1	Test Date	2025-08-20
Temperature	24.5 °C	Humidity	67.1%
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	HF907_102862	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

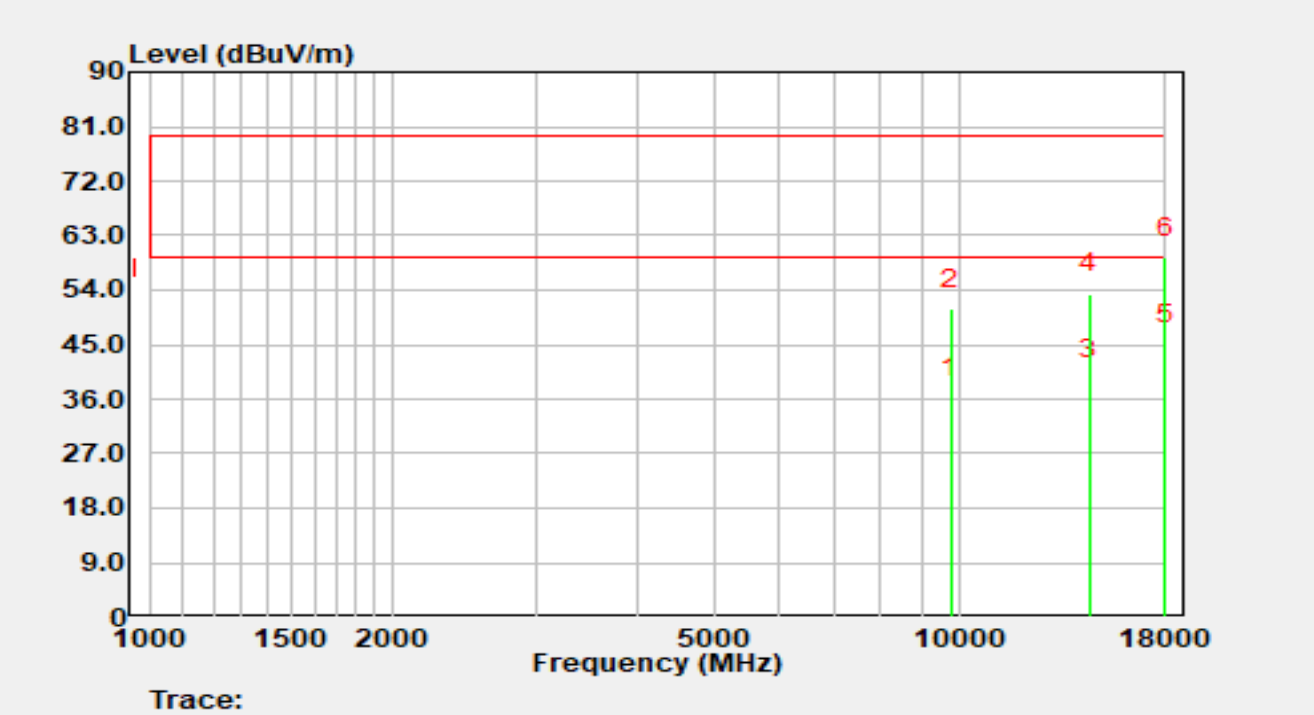


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		8466.400	23.96	9.70	33.66	-25.84	59.50	Average
2		8466.400	36.99	9.70	46.69	-32.81	79.50	Peak
3		11594.400	21.89	13.55	35.44	-24.06	59.50	Average
4		11594.400	34.41	13.55	47.96	-31.54	79.50	Peak
5	*	17932.000	22.88	24.76	47.64	-11.86	59.50	Average
6		17932.000	36.05	24.76	60.81	-18.69	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9120D_02042	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

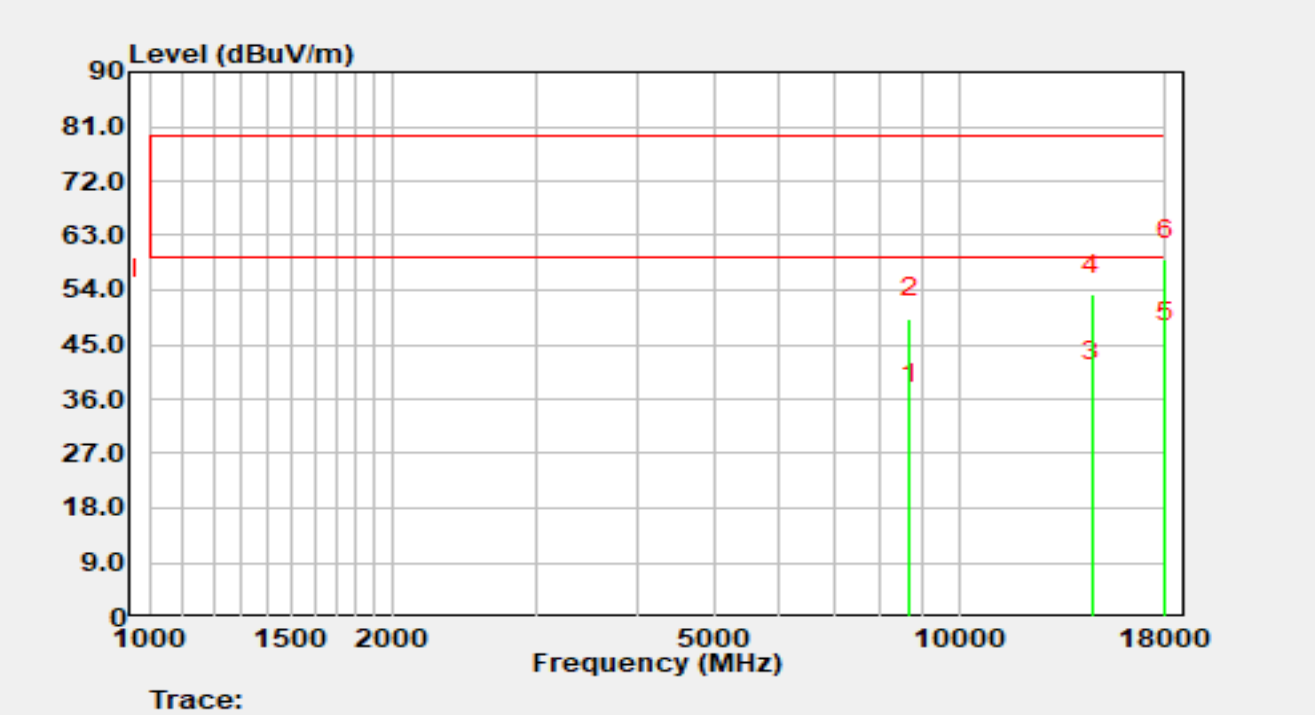


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		9766.900	30.19	5.98	36.17	-23.33	59.50	Average
2		9766.900	44.82	5.98	50.81	-28.69	79.50	Peak
3		14516.700	26.38	12.81	39.19	-20.31	59.50	Average
4		14516.700	40.57	12.81	53.39	-26.11	79.50	Peak
5	*	17977.900	25.08	20.04	45.12	-14.38	59.50	Average
6		17977.900	39.34	20.04	59.38	-20.12	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9120D_02042	Polarity	Vertical
Test Mode	Mode 2	Test Voltage	By PoE

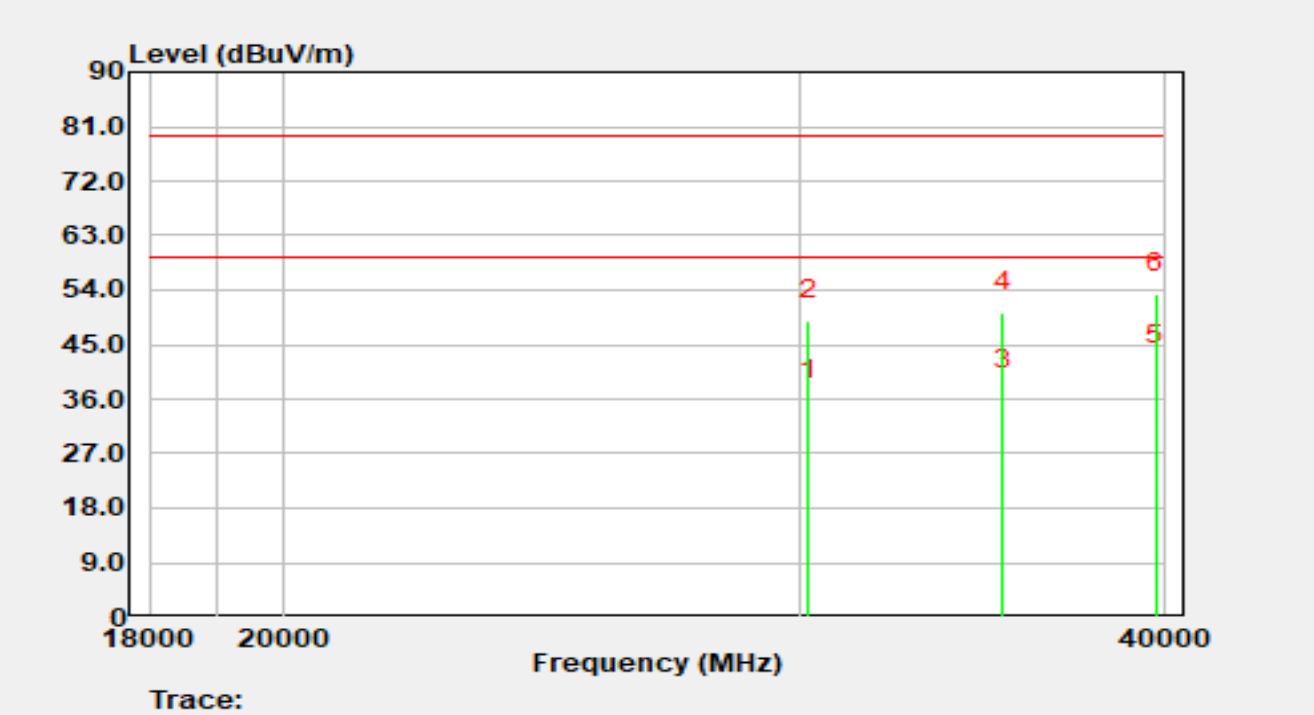


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		8699.300	30.23	4.81	35.04	-24.46	59.50	Average
2		8699.300	44.50	4.81	49.31	-30.19	79.50	Peak
3		14579.600	26.77	12.14	38.91	-20.59	59.50	Average
4		14579.600	41.10	12.14	53.24	-26.26	79.50	Peak
5	*	17979.600	25.11	20.10	45.21	-14.29	59.50	Average
6		17979.600	38.90	20.10	59.00	-20.50	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

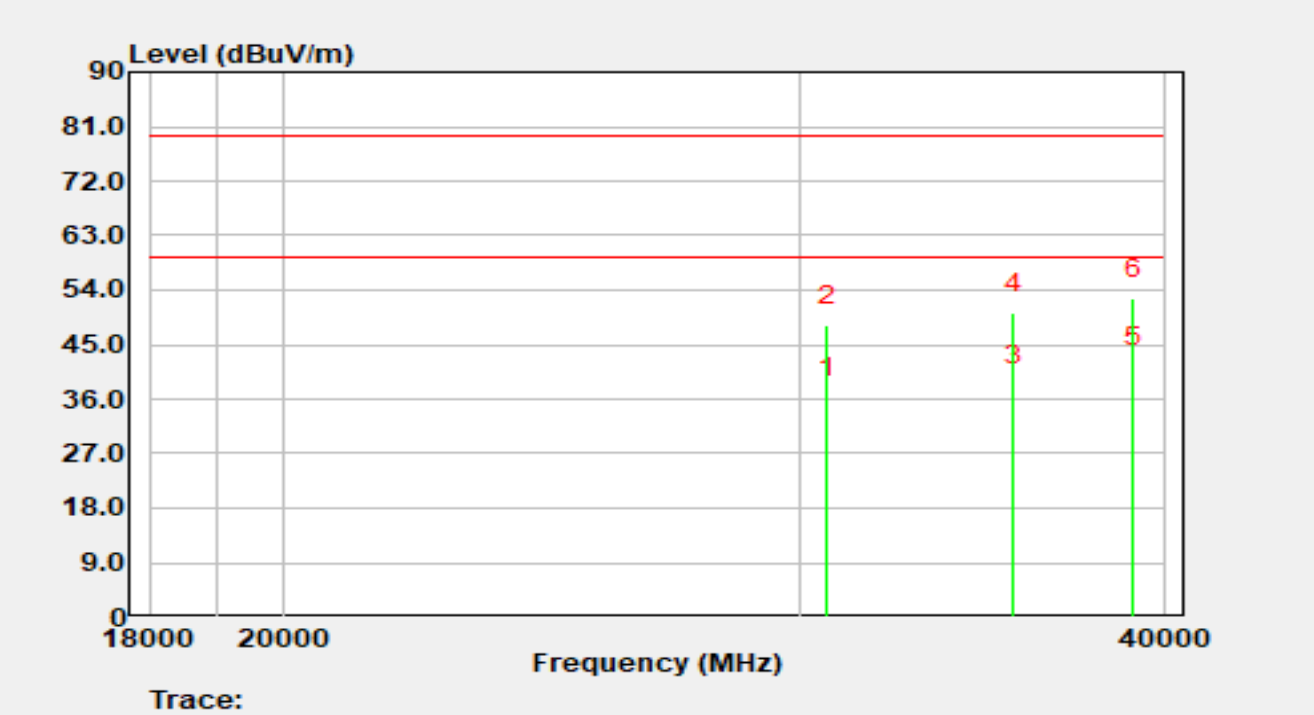


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30216.600	44.69	-8.69	36.00	-23.50	59.50	Average
2		30216.600	57.61	-8.69	48.91	-30.59	79.50	Peak
3		35201.800	44.28	-6.86	37.42	-22.08	59.50	Average
4		35201.800	57.28	-6.86	50.42	-29.08	79.50	Peak
5	*	39716.200	41.27	0.43	41.70	-17.80	59.50	Average
6		39716.200	52.93	0.43	53.36	-26.14	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

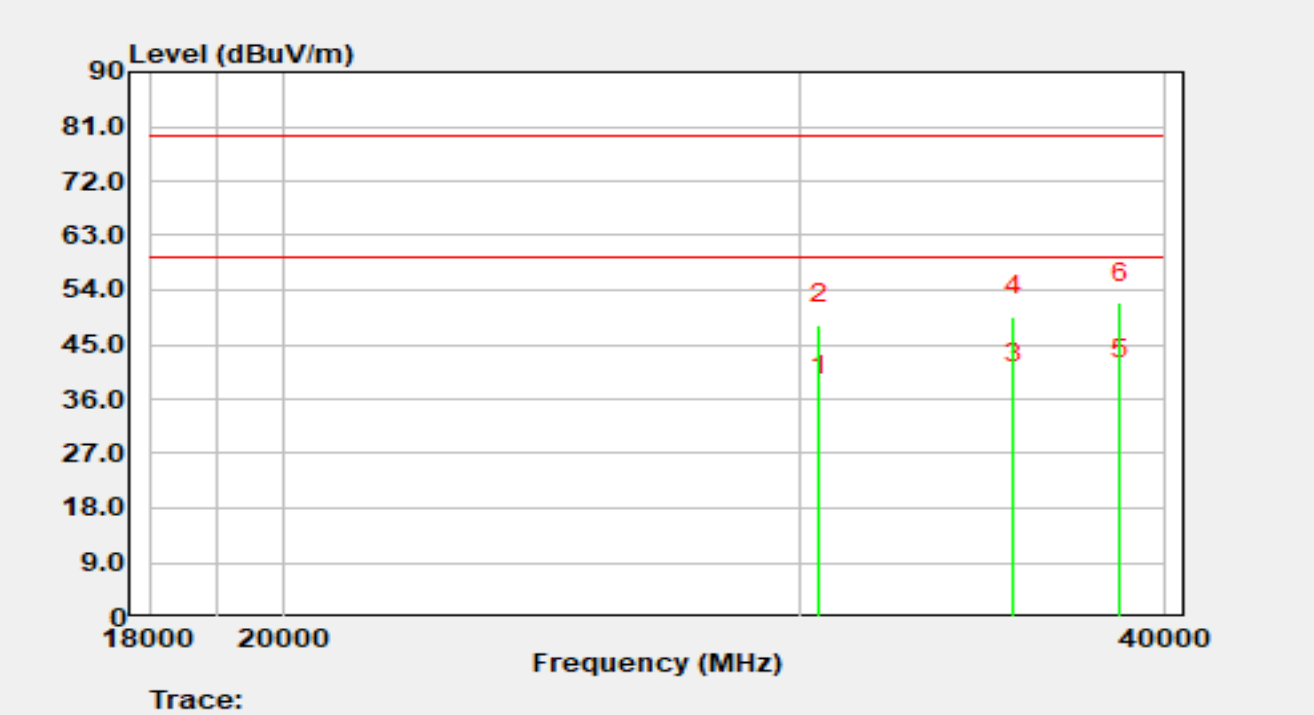


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30656.600	44.74	-8.49	36.25	-23.25	59.50	Average
2		30656.600	56.62	-8.49	48.14	-31.36	79.50	Peak
3		35494.400	44.21	-5.86	38.35	-21.15	59.50	Average
4		35494.400	55.96	-5.86	50.10	-29.40	79.50	Peak
5	*	38981.400	41.31	-0.10	41.21	-18.29	59.50	Average
6		38981.400	52.71	-0.10	52.60	-26.90	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

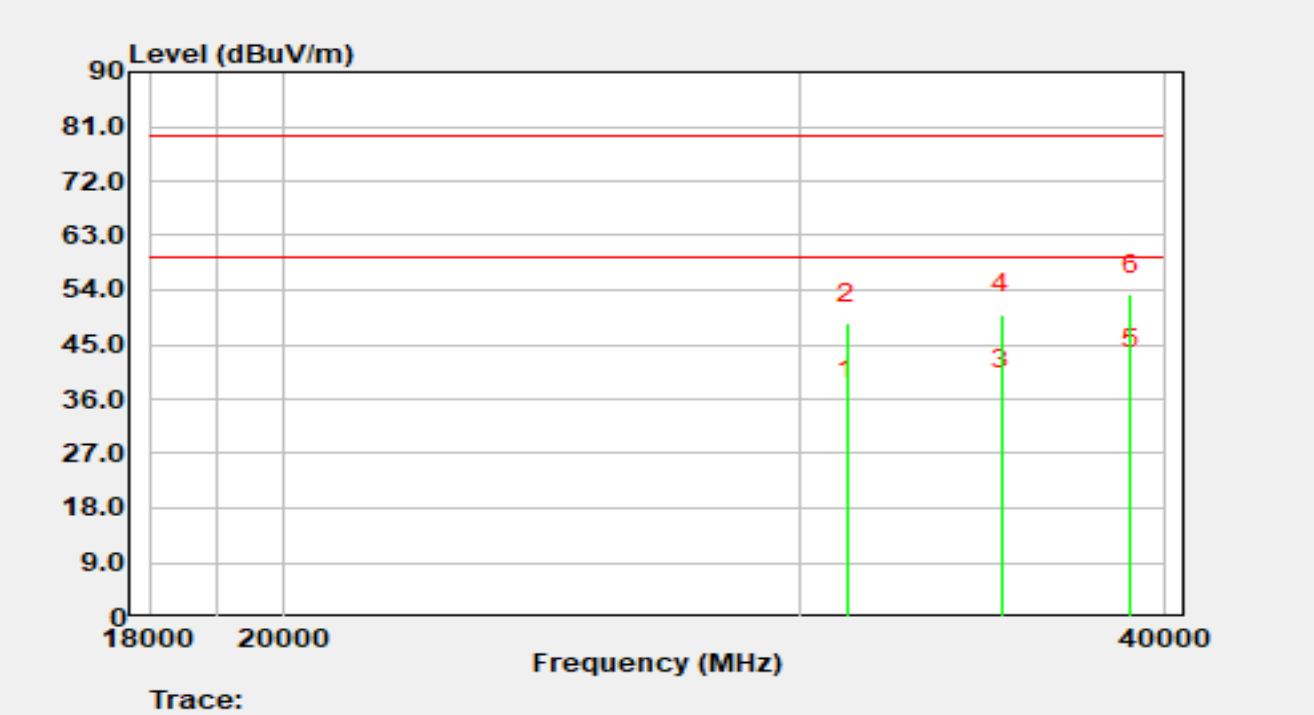


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30465.200	44.61	-8.26	36.35	-23.15	59.50	Average
2		30465.200	56.57	-8.26	48.31	-31.19	79.50	Peak
3		35490.000	44.22	-5.75	38.47	-21.03	59.50	Average
4		35490.000	55.45	-5.75	49.70	-29.80	79.50	Peak
5	*	38576.600	41.09	-1.87	39.22	-20.28	59.50	Average
6		38576.600	53.75	-1.87	51.88	-27.62	79.50	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	SIP-AC2	Test Date	2025-08-26
Temperature	23.2 °C	Humidity	58.7 %
Limit	FCC_Part 15.109_RE(3 m)_Class A	Test Engineer	Mero Zhou
Factor	BBHA 9170_00934	Polarity	Vertical
Test Mode	Mode 2	Test Voltage	By PoE



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		31129.600	44.79	-8.92	35.87	-23.63	59.50	Average
2		31129.600	57.32	-8.92	48.40	-31.10	79.50	Peak
3		35157.800	44.09	-6.61	37.48	-22.02	59.50	Average
4		35157.800	56.63	-6.61	50.02	-29.48	79.50	Peak
5	*	38928.600	41.52	-0.62	40.90	-18.60	59.50	Average
6		38928.600	53.88	-0.62	53.26	-26.24	79.50	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 “R25S1073095-UT” file.

Appendix B - EUT Photograph

Refer to “R25S1073095-UE” file.

The End