



EMC MEASUREMENT REPORT

FCC ID: 2ALJ3AP56X

Applicant: HAN Networks Co., Ltd.

Address: 01, 3rd Floor, Building 3, No.9 Compound, Yongfeng Road, Haidian District, Beijing, P.R. China

Product: HAN Access Point

Model No.: AP561

Brand Name: HAN NETWORKS, HANNETWORKS

FCC Rule Part(s): FCC Part 15 Subpart B

Test Procedure: ANSI C63.4-2014

Result: Complies

Received Date: 2025-09-26

Test Date: 2025-10-13 ~ 2025-10-14

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
R25S1115122-U101	V01	Initial Report	2026-09-23	Valid

Note: This report is a copy report based on MRT original report (Report No.: R25S1065098-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.

CONTENTS

Description	Page
1. General Information	4
1.1. Applicant.....	4
1.2. Manufacturer	4
1.3. Testing Facility.....	4
1.4. Product Information	5
2. Test Configuration	6
2.1. Test Mode	6
2.2. Configuration of Tested System.....	6
2.3. EMI Suppression Device(s)/Modifications	7
3. Measuring Instrument	8
4. Decision Rules and Measurement Uncertainty.....	9
4.1. Decision Rules	9
4.2. Measurement Uncertainty	9
5. Test Result	10
5.1. Summary	10
5.2. Conducted Emission	11
5.2.1. Test Limit	11
5.2.2. Test Setup	11
5.2.3. Test Result.....	12
5.3. Radiated Emission	16
5.3.1. Test Limit	16
5.3.2. Test Setup	16
5.3.3. Test Result.....	18
Appendix A - Test Setup Photograph	30
Appendix B - EUT Photograph	31

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

1.4. Product Information

Product Name	HAN Access Point
Model No.	AP561
Serial No.	SSZ253700014
Brand Name	HAN NETWORKS, HANNETWORKS
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
GNSS Specification	BDS, Galileo, GLONASS, GPS, SBAS
Operating Environment	Outdoor Use
Power Supply	PoE Input
Accessory(ies)	
PoE #1	Model: POE60U-1BT-X (ALE P/N: POE60U-1BT-X-R) Input: 100-240 V ~ 1.5 A, 50-60 Hz 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
PoE #2	Model: POE075U-1BT Input: 100-240 V ~ 2.0 A, 50-60 Hz POE Output 1: 56 V=0.8 A, 45 W PIN 3, 6 - +56 V PIN 1, 2 - RETURN POE Output 2: 56 V=0.8 A, 45 W PIN 4, 5 - +56 V 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.	

2. Test Configuration

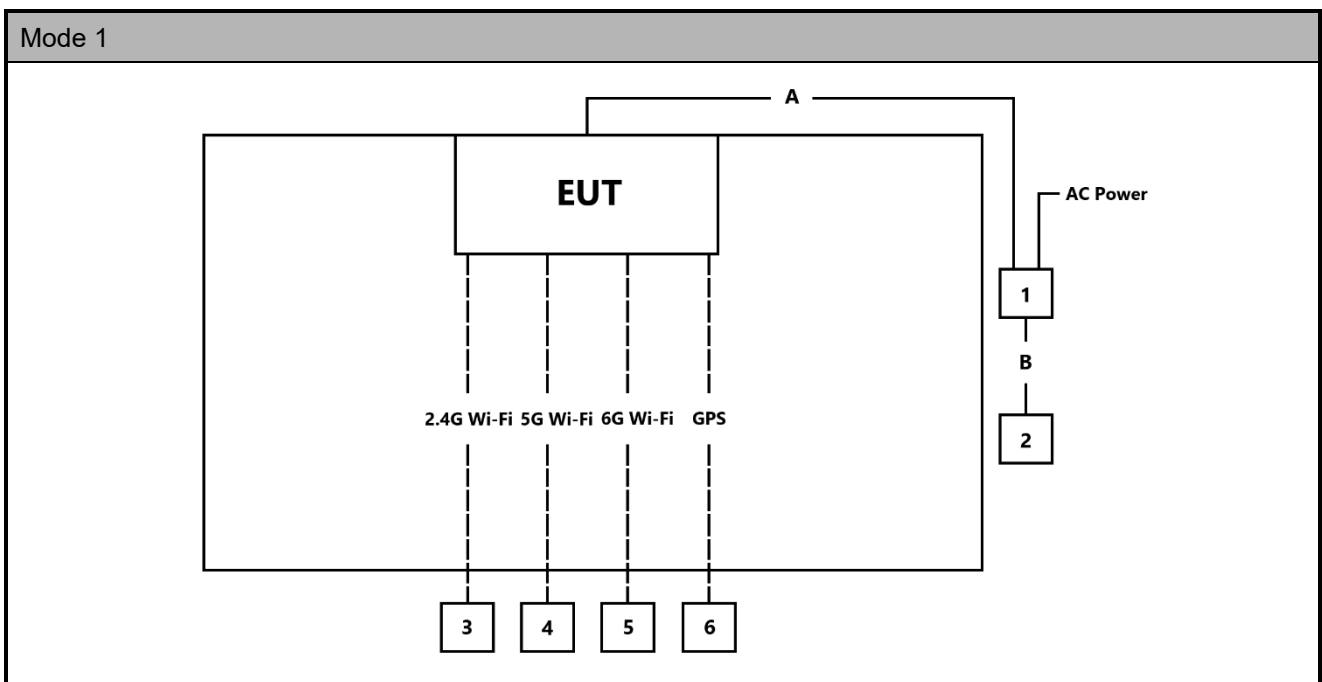
2.1. Test Mode

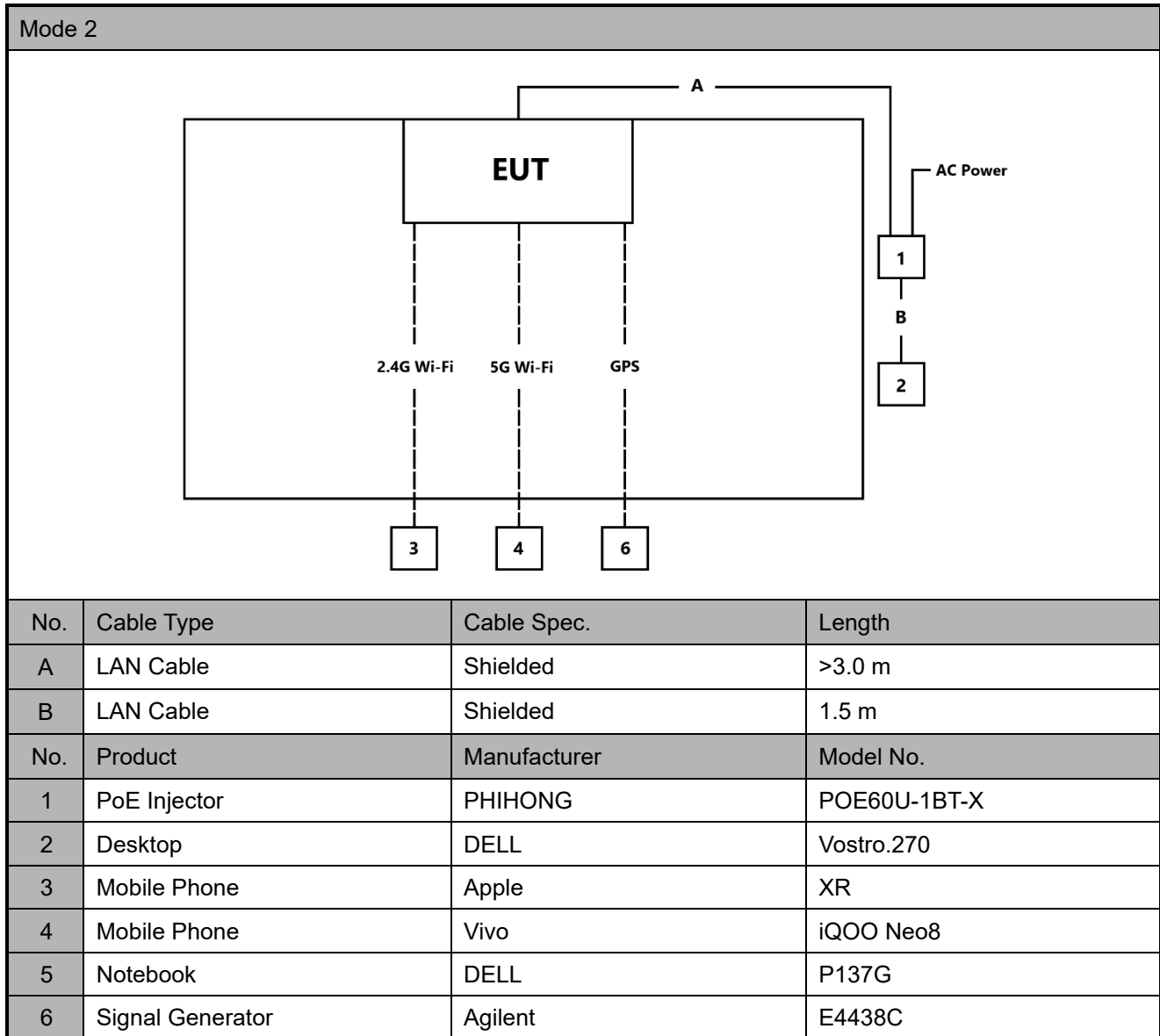
Mode 1: EUT powered by PoE via ETH0/PD port and connect to PC via PoE + Connect to mobile phones via 2.4G & 5G Wi-Fi + Connect to notebook via 6G Wi-Fi (Configuration 1) + GPS.

Mode 2: EUT powered by PoE via ETH0/PD port and connect to PC via PoE + Connect to mobile phones via 2.4G & 5G Wi-Fi (Configuration 2) + GPS.

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.





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
Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2026-05-13	SIP-AC2
Preamplifier	EMCI	EMC051845SE	MRTSUE06601	1 year	2025-11-01 2026-10-30	SIP-AC2
Thermohygrometer	testo	608-H1	MRTSUE06622	1 year	2025-10-29 2026-10-08	SIP-AC2
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06647	1 year	2026-05-15	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
EMI Test Receiver	R&S	ESR3	MRTSUE06185	1 year	2025-12-05	SIP-AC2
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2025-11-03 2026-11-02	SIP-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2026-10-01	SIP-AC2
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
Thermohygrometer	testo	608-H1	MRTSUE06621	1 year	2025-10-29 2026-10-08	SIP-SR2
Shielding Room	MIX-BEP	SIP-SR2	MRTSUE06949	5 years	2029-10-13	SIP-SR2

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

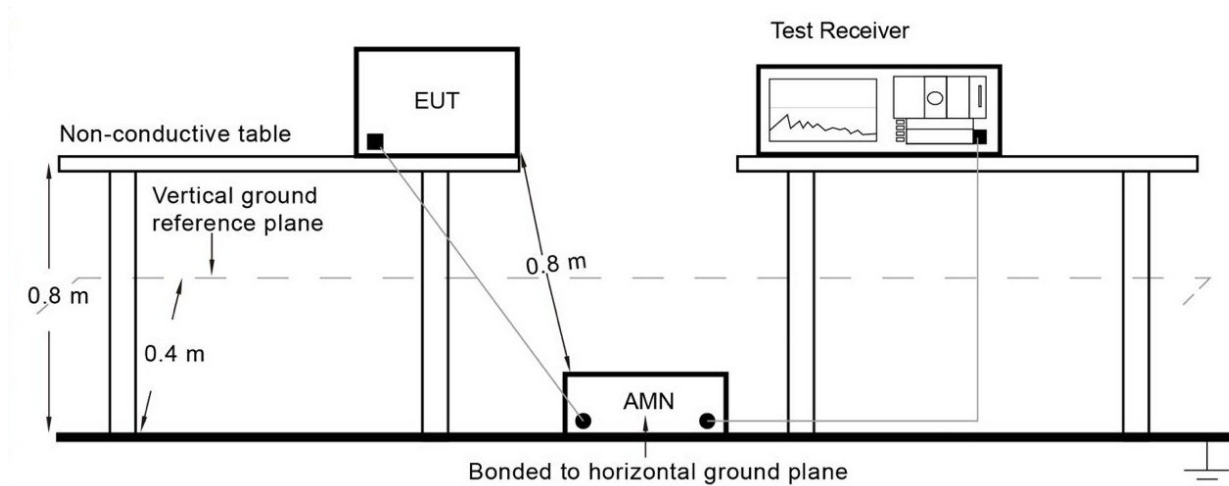
5.2.1. Test Limit

FCC Part 15.107 Class B Limits		
Frequency (MHz)	QP (dB μ V)	AV (dB μ V)
0.15 ~ 0.50	66 ~ 56	56 ~ 46
0.50 ~ 5.0	56	46
5.0 ~ 30	60	50

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

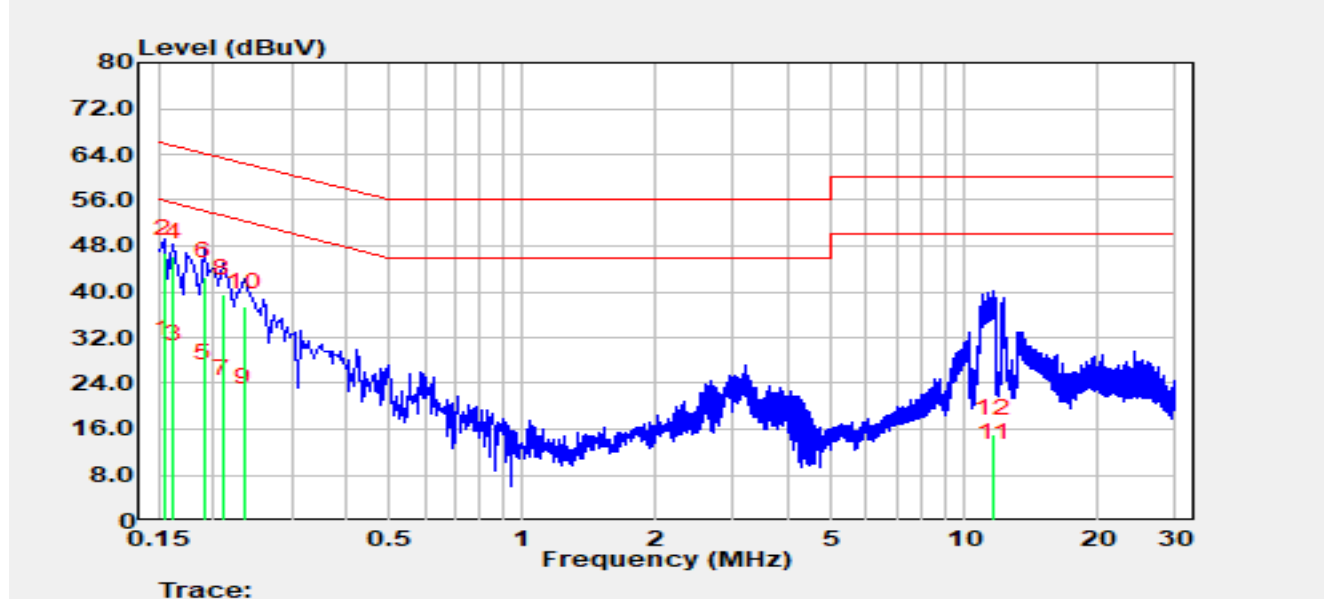
Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

5.2.2. Test Setup



5.2.3. Test Result

Site	SIP-SR2	Test Date	2025-10-13
Temperature	24.3 °C	Humidity	59.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Factor	ENV216_101684_C	Polarity	Line
Test Mode	Mode 1, Power Port	Test Voltage	By PoE

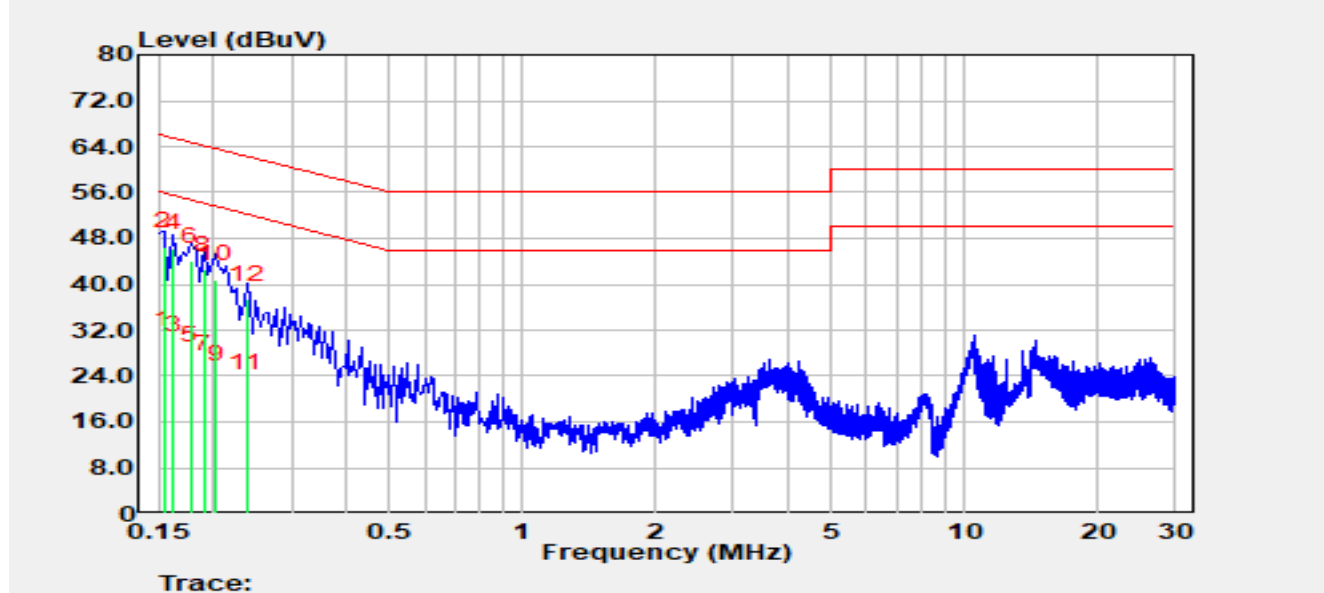


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.154	19.47	9.63	29.10	-26.68	55.78	Average
2	*	0.154	37.16	9.63	46.79	-18.99	65.78	QP
3		0.162	18.68	9.64	28.31	-27.05	55.36	Average
4		0.162	36.48	9.64	46.11	-19.25	65.36	QP
5		0.190	15.11	9.65	24.76	-29.27	54.04	Average
6		0.190	32.98	9.65	42.64	-21.40	64.04	QP
7		0.210	12.51	9.68	22.19	-31.01	53.21	Average
8		0.210	29.97	9.68	39.65	-23.56	63.21	QP
9		0.234	10.87	9.70	20.56	-31.74	52.31	Average
10		0.234	27.70	9.70	37.39	-24.91	62.31	QP
11		11.630	0.72	10.27	10.99	-39.01	50.00	Average
12		11.630	4.84	10.27	15.10	-44.90	60.00	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	2025-10-13
Temperature	24.3 °C	Humidity	59.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Factor	ENV216_101684_C	Polarity	Neutral
Test Mode	Mode 1, Power Port	Test Voltage	By PoE

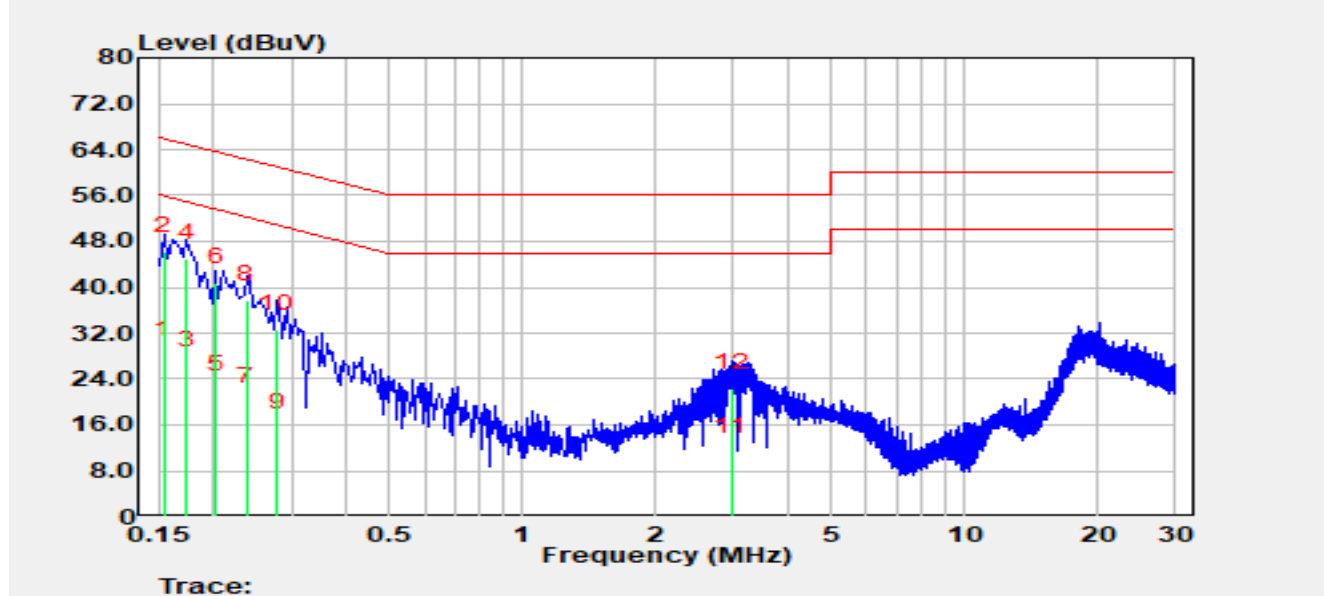


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.154	19.71	9.61	29.32	-26.46	55.78	Average
2		0.154	36.97	9.61	46.58	-19.20	65.78	QP
3		0.162	19.05	9.61	28.66	-26.70	55.36	Average
4	*	0.162	36.67	9.61	46.28	-19.08	65.36	QP
5		0.178	17.23	9.61	26.85	-27.73	54.58	Average
6		0.178	34.46	9.61	44.07	-20.51	64.58	QP
7		0.190	15.63	9.63	25.26	-28.78	54.04	Average
8		0.190	32.86	9.63	42.49	-21.54	64.04	QP
9		0.202	13.65	9.65	23.30	-30.23	53.53	Average
10		0.202	31.17	9.65	40.82	-22.71	63.53	QP
11		0.238	12.08	9.68	21.76	-30.41	52.17	Average
12		0.238	27.75	9.68	37.43	-24.74	62.17	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	2025-10-13
Temperature	24.3 °C	Humidity	59.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Factor	ENV216_101684_C	Polarity	Line
Test Mode	Mode 2, Power Port	Test Voltage	By PoE

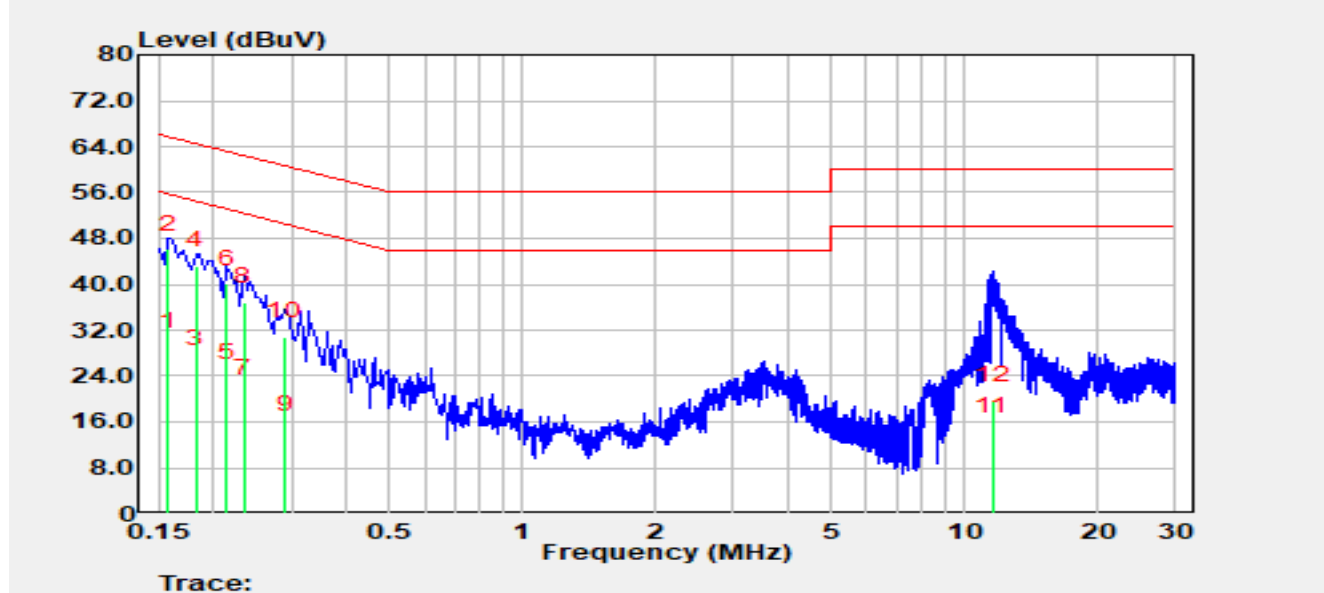


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.154	18.68	9.63	28.31	-27.47	55.78	Average
2	*	0.154	36.56	9.63	46.19	-19.59	65.78	QP
3		0.174	16.71	9.64	26.35	-28.42	54.77	Average
4		0.174	35.34	9.64	44.98	-19.78	64.77	QP
5		0.202	12.42	9.67	22.09	-31.44	53.53	Average
6		0.202	31.17	9.67	40.84	-22.69	63.53	QP
7		0.238	10.41	9.70	20.10	-32.06	52.17	Average
8		0.238	28.13	9.70	37.83	-24.34	62.17	QP
9		0.278	5.78	9.71	15.49	-35.39	50.88	Average
10		0.278	22.91	9.71	32.62	-28.26	60.88	QP
11		2.980	1.58	9.81	11.39	-34.61	46.00	Average
12		2.980	12.56	9.81	22.37	-33.63	56.00	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	2025-10-13
Temperature	24.3 °C	Humidity	59.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Factor	ENV216_101684_C	Polarity	Neutral
Test Mode	Mode 2, Power Port	Test Voltage	By PoE



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.158	19.61	9.61	29.22	-26.35	55.57	Average
2	*	0.158	36.57	9.61	46.18	-19.39	65.57	QP
3		0.182	16.44	9.62	26.06	-28.33	54.39	Average
4		0.182	33.64	9.62	43.25	-21.14	64.39	QP
5		0.214	13.97	9.66	23.63	-29.41	53.05	Average
6		0.214	30.36	9.66	40.03	-23.02	63.05	QP
7		0.234	11.40	9.68	21.07	-31.23	52.31	Average
8		0.234	27.29	9.68	36.97	-25.34	62.31	QP
9		0.290	5.08	9.69	14.77	-35.75	50.52	Average
10		0.290	21.17	9.69	30.86	-29.66	60.52	QP
11		11.570	4.20	10.28	14.48	-35.52	50.00	Average
12		11.570	9.45	10.28	19.73	-40.27	60.00	QP

Notes:

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

5.3. Radiated Emission

5.3.1. Test Limit

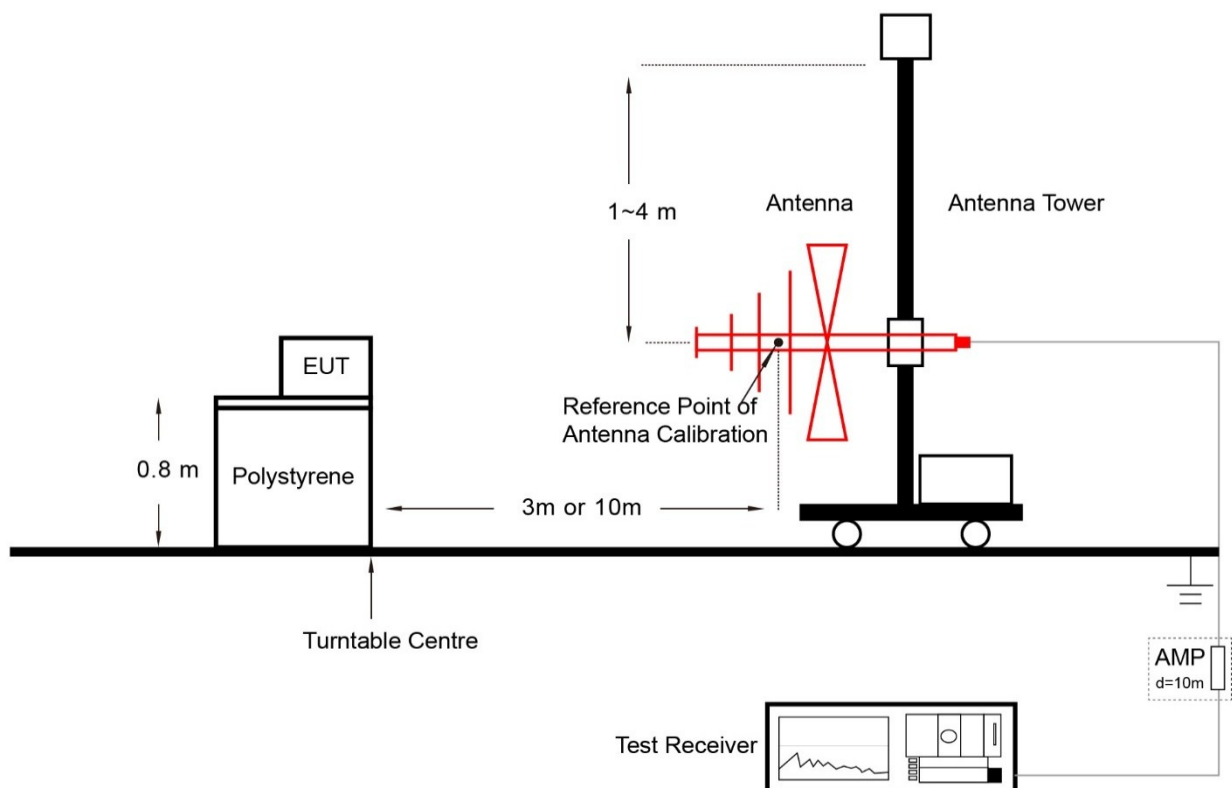
FCC Part 15.109 Class B Limits			
Frequency (MHz)	Distance (m)	Level (dB μ V/m)	Detector Function
30 ~ 88	3	40	Quasi-peak
88 ~ 216	3	43.5	Quasi-peak
216 ~ 960	3	46	Quasi-peak
960 ~ 1000	3	54	Quasi-peak
Above 1000	3	54	Average
		74	Peak

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

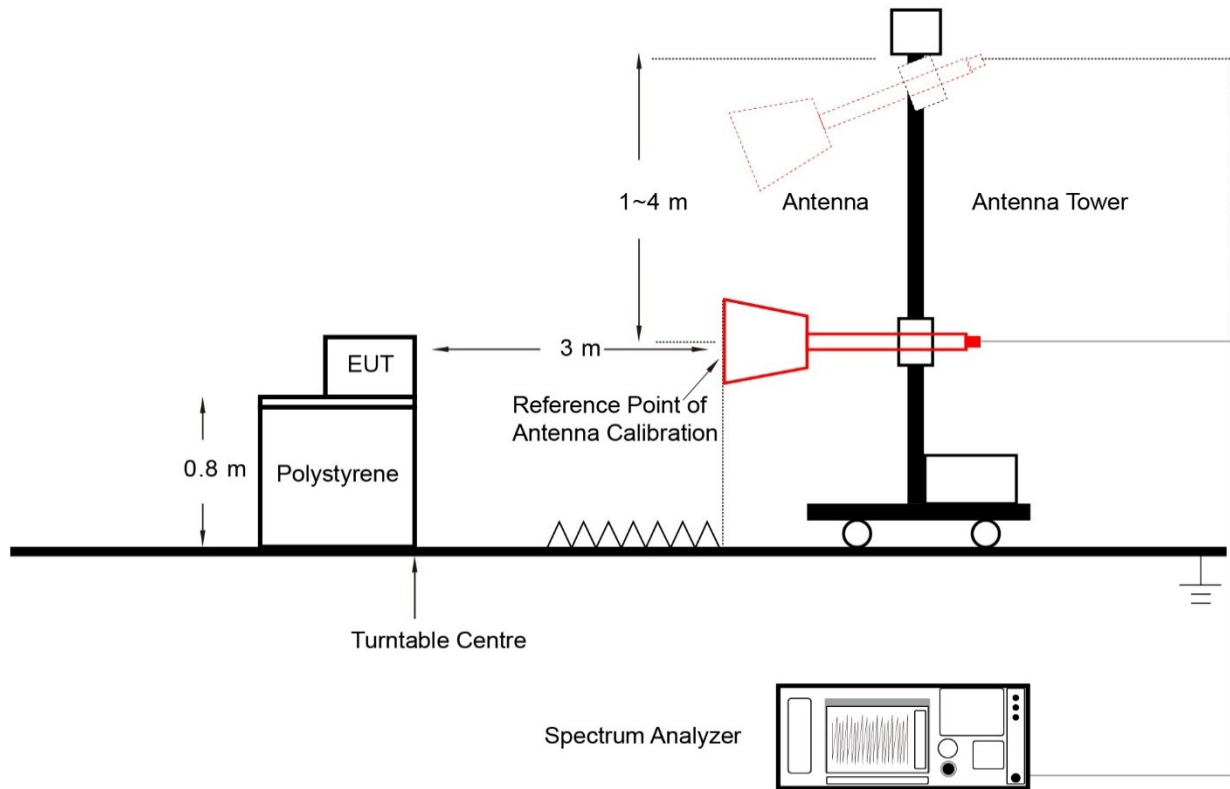
Note 2: Distance refers to the distance (in meters) between the antenna of the measuring instrument and the closest point of any part of the device or system.

5.3.2. Test Setup

Below 1 GHz Test Setup:

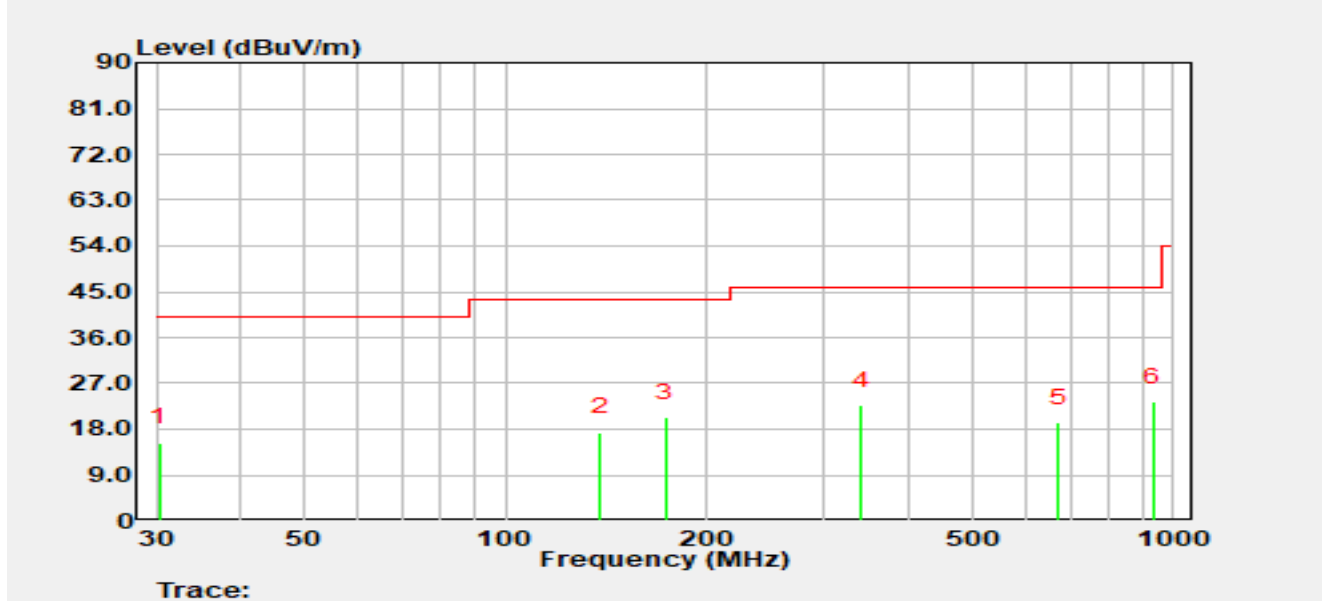


Above 1 GHz Test Setup:



5.3.3. Test Result

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	VULB 9168_00999	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

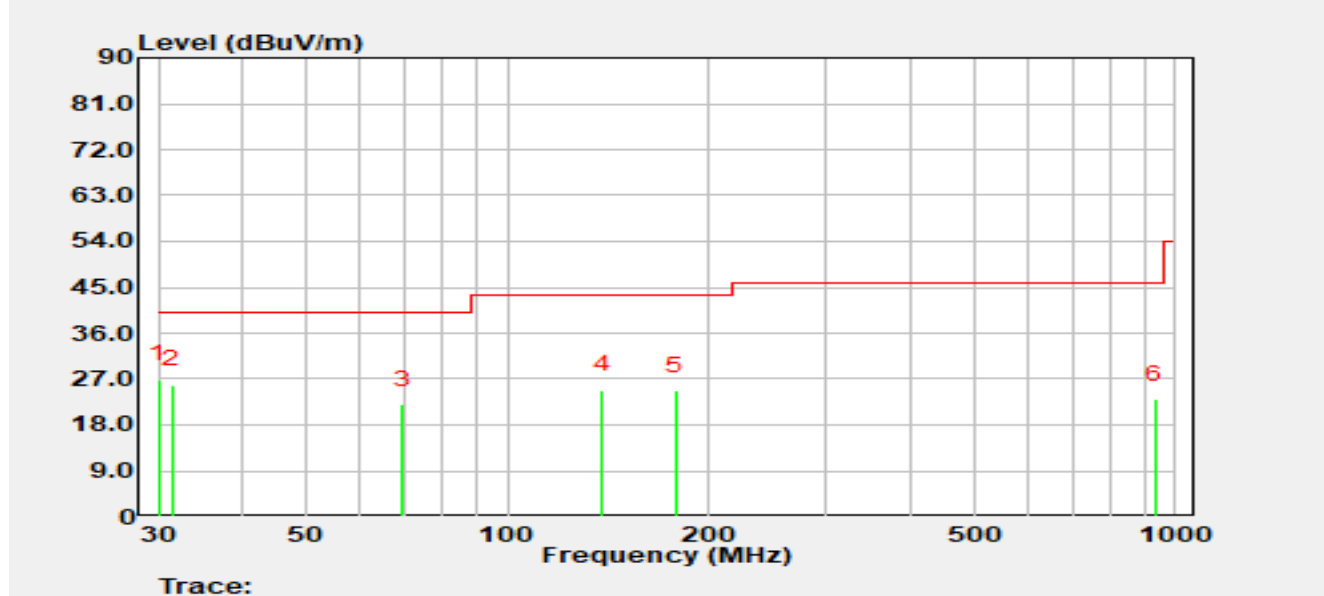


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30.254	-3.60	18.95	15.35	-24.65	40.00	QP
2		138.339	-2.20	19.60	17.40	-26.10	43.50	QP
3		173.327	1.00	19.23	20.23	-23.27	43.50	QP
4		340.304	1.10	21.62	22.72	-23.28	46.00	QP
5		672.137	-9.20	28.54	19.34	-26.66	46.00	QP
6	*	931.945	-8.90	32.24	23.34	-22.66	46.00	QP

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	VULB 9168_00999	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

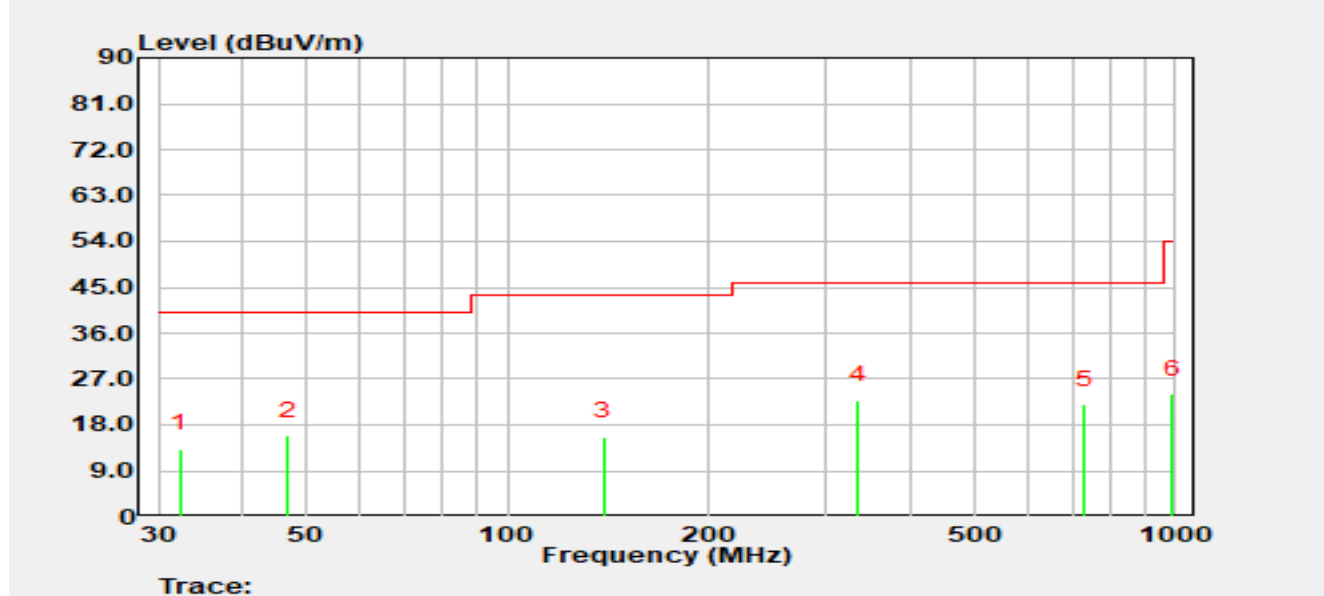


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	30.063	8.00	19.00	27.00	-13.00	40.00	QP
2		31.443	7.20	18.71	25.91	-14.09	40.00	QP
3		69.674	4.00	18.06	22.06	-17.94	40.00	QP
4		138.484	5.30	19.62	24.92	-18.58	43.50	QP
5		178.445	6.00	18.76	24.76	-18.74	43.50	QP
6		931.945	-9.20	32.24	23.04	-22.96	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	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	VULB 9168_00999	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

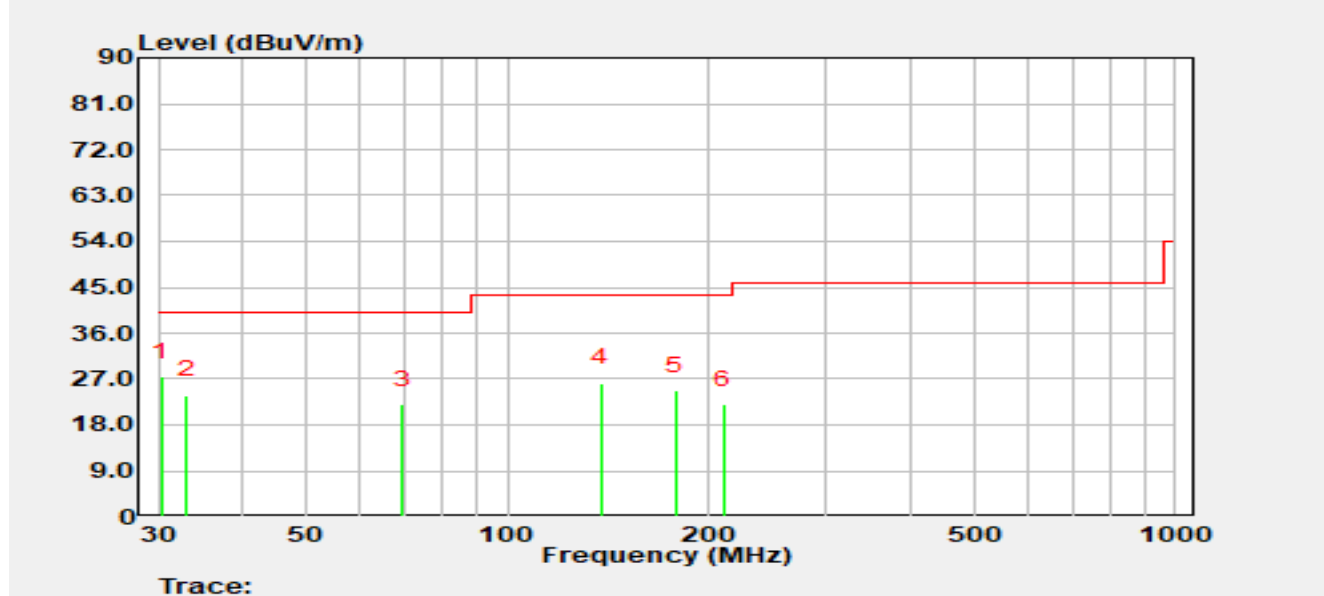


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		32.293	-5.30	18.69	13.39	-26.61	40.00	QP
2		46.962	-4.60	20.50	15.90	-24.10	40.00	QP
3		139.020	-3.90	19.66	15.76	-27.74	43.50	QP
4	*	334.507	1.20	21.66	22.86	-23.14	46.00	QP
5		730.126	-7.90	29.95	22.05	-23.95	46.00	QP
6		987.802	-8.60	32.58	23.98	-30.02	54.00	QP

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	VULB 9168_00999	Polarity	Vertical
Test Mode	Mode 2	Test Voltage	By PoE

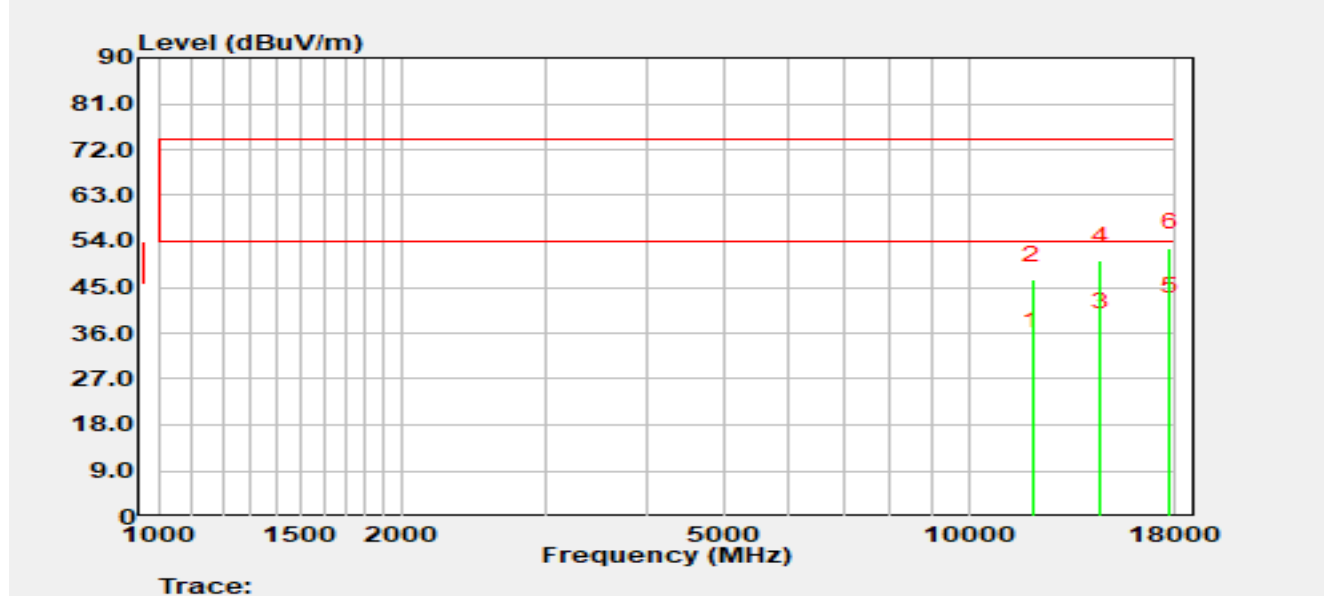


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	30.360	8.50	18.92	27.42	-12.58	40.00	QP
2		33.072	5.20	18.74	23.94	-16.06	40.00	QP
3		69.503	3.90	18.08	21.98	-18.02	40.00	QP
4		138.290	6.70	19.60	26.30	-17.20	43.50	QP
5		178.383	6.00	18.76	24.76	-18.74	43.50	QP
6		210.638	5.30	16.72	22.02	-21.48	43.50	QP

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	HF907_102862	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

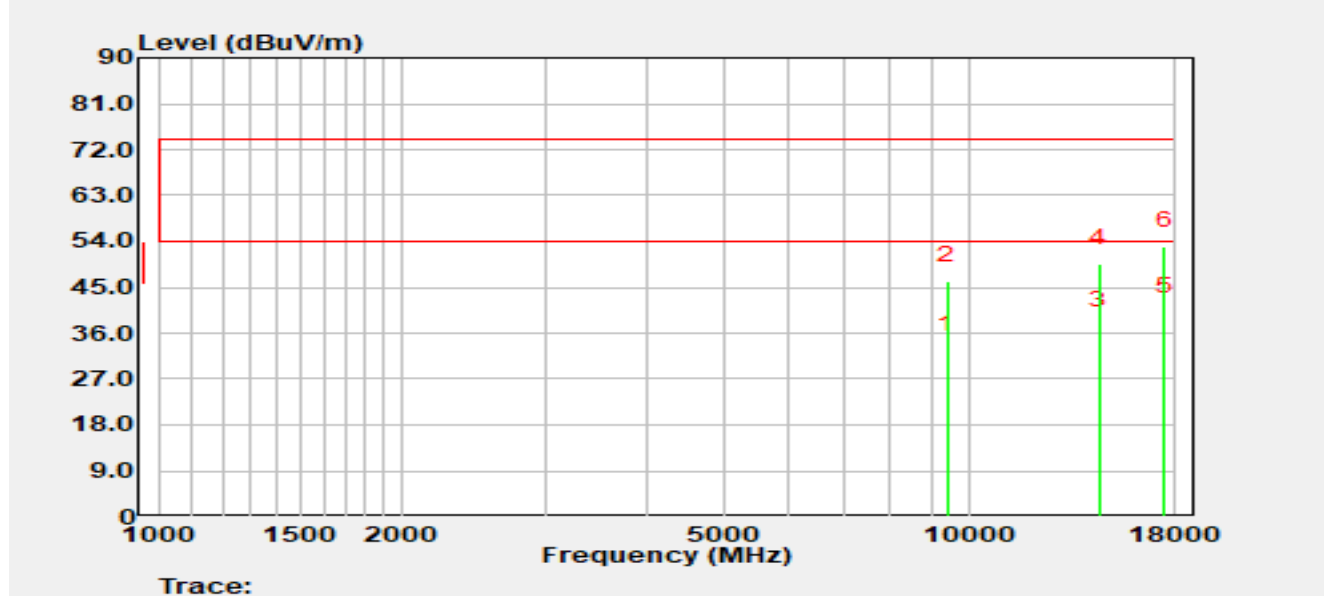


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		12007.500	27.60	5.69	33.29	-20.71	54.00	Average
2		12007.500	40.80	5.69	46.49	-27.51	74.00	Peak
3		14521.800	25.90	11.31	37.21	-16.79	54.00	Average
4		14521.800	38.87	11.31	50.18	-23.82	74.00	Peak
5	*	17707.600	24.60	15.76	40.36	-13.64	54.00	Average
6		17707.600	37.04	15.76	52.80	-21.20	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	HF907_102862	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

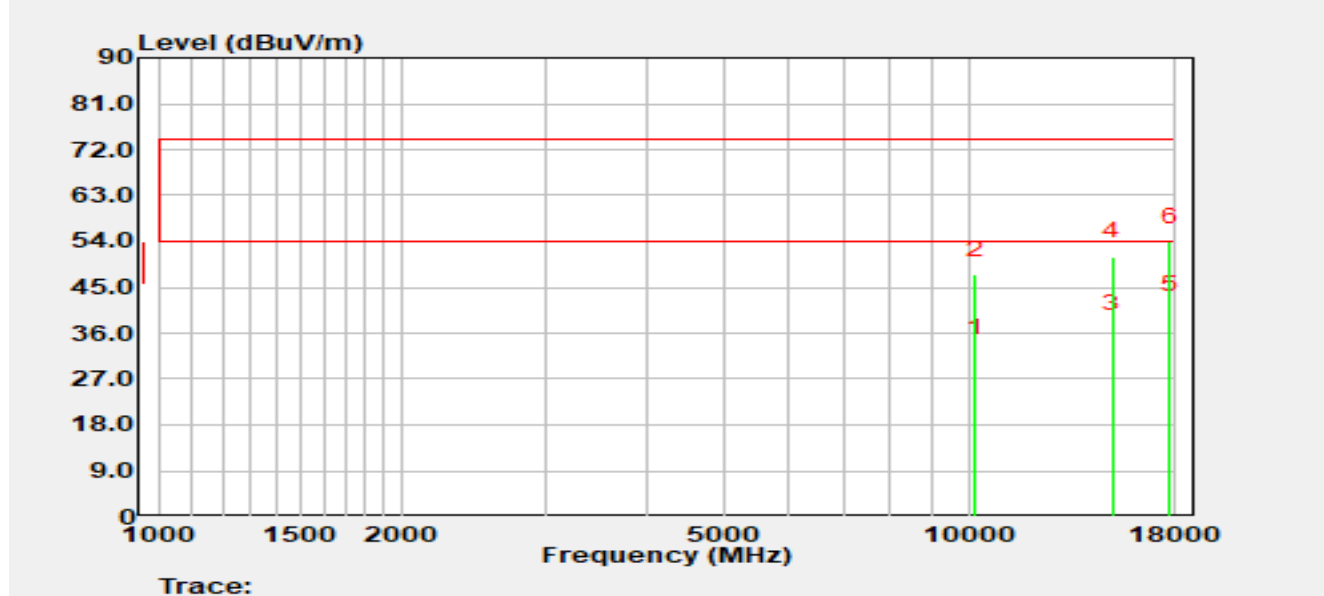


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		9430.300	28.90	3.92	32.82	-21.18	54.00	Average
2		9430.300	42.38	3.92	46.30	-27.70	74.00	Peak
3		14516.700	25.90	11.64	37.54	-16.46	54.00	Average
4		14516.700	38.10	11.64	49.75	-24.25	74.00	Peak
5	*	17456.000	24.90	15.51	40.41	-13.59	54.00	Average
6		17456.000	37.52	15.51	53.03	-20.97	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	HF907_102862	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

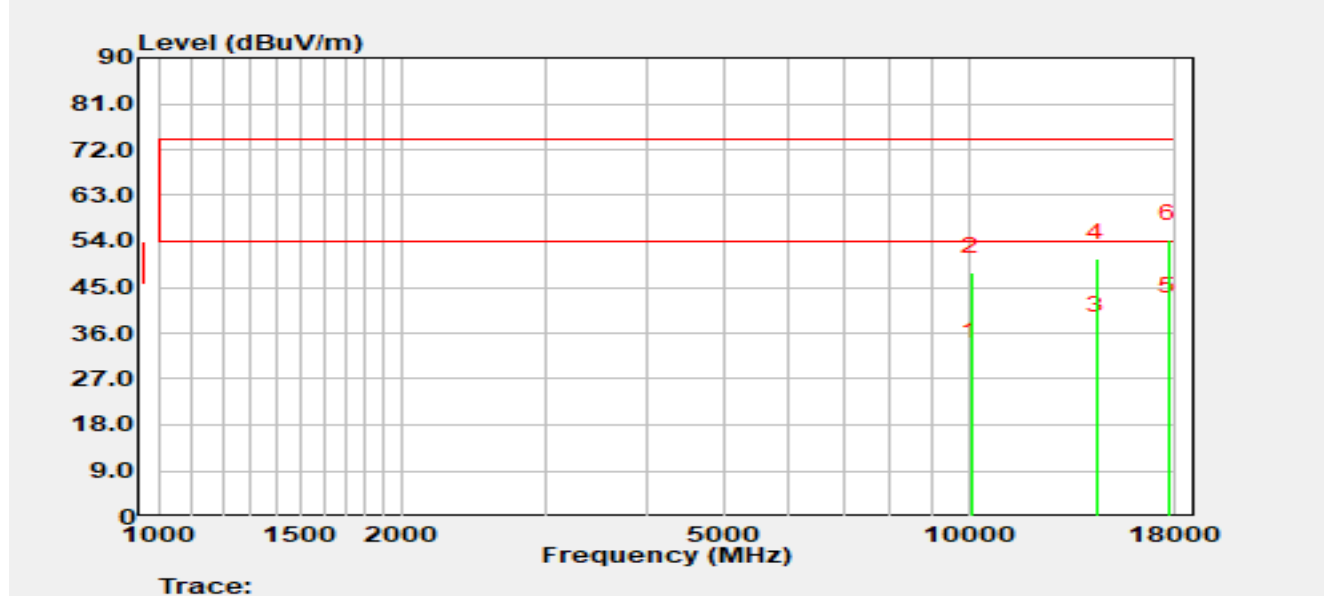


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10185.100	27.60	4.59	32.19	-21.81	54.00	Average
2		10185.100	42.92	4.59	47.50	-26.50	74.00	Peak
3		15043.700	25.80	11.07	36.87	-17.13	54.00	Average
4		15043.700	40.00	11.07	51.07	-22.93	74.00	Peak
5	*	17712.700	24.77	15.86	40.63	-13.37	54.00	Average
6		17712.700	38.12	15.86	53.98	-20.02	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	HF907_102862	Polarity	Vertical
Test Mode	Mode 2	Test Voltage	By PoE

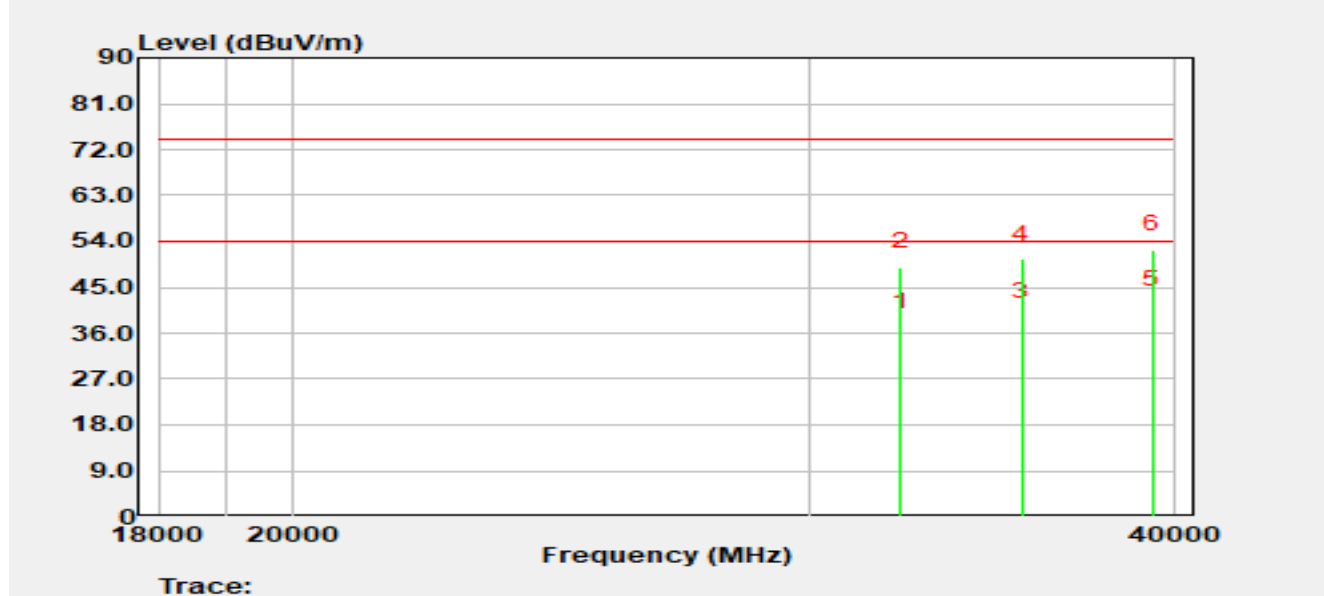


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10078.000	27.10	4.37	31.47	-22.53	54.00	Average
2		10078.000	43.54	4.37	47.91	-26.09	74.00	Peak
3		14377.300	25.78	10.88	36.66	-17.34	54.00	Average
4		14377.300	39.84	10.88	50.73	-23.27	74.00	Peak
5	*	17641.300	24.63	15.72	40.35	-13.65	54.00	Average
6		17641.300	38.78	15.72	54.50	-19.50	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Horizontal
Test Mode	Mode 1	Test Voltage	By PoE

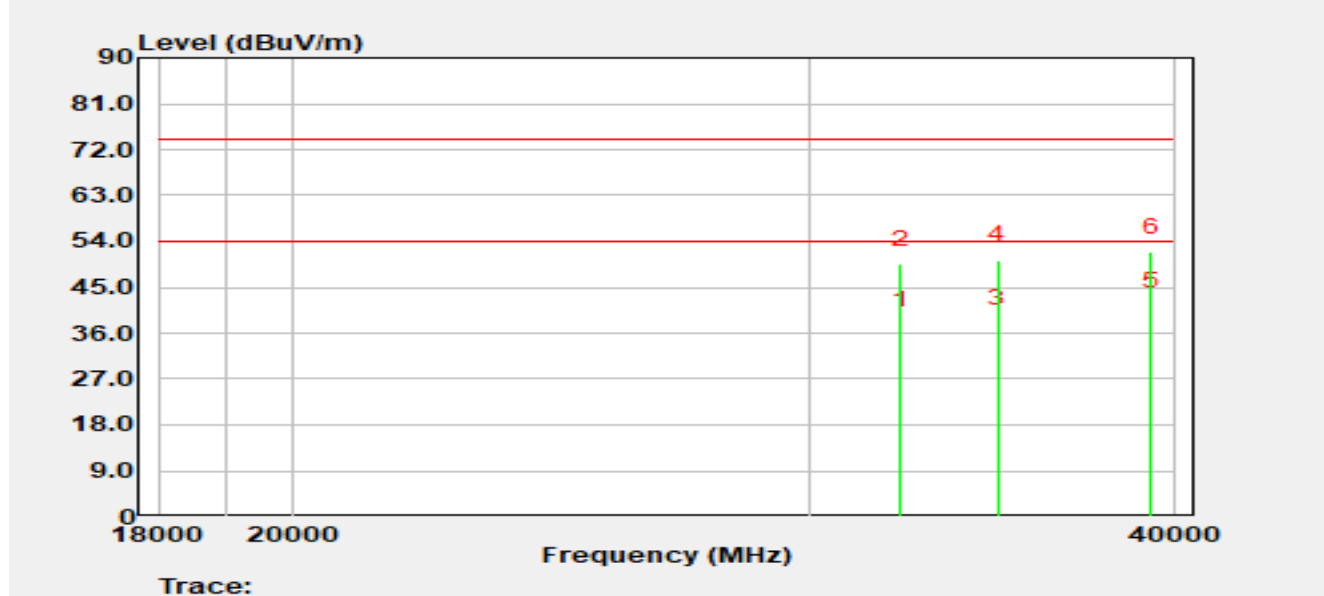


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		32242.800	45.20	-7.96	37.24	-16.76	54.00	Average
2		32242.800	56.91	-7.96	48.95	-25.05	74.00	Peak
3		35463.600	44.80	-5.68	39.12	-14.88	54.00	Average
4		35463.600	56.18	-5.68	50.49	-23.51	74.00	Peak
5	*	39304.800	40.80	0.70	41.50	-12.50	54.00	Average
6		39304.800	51.68	0.70	52.39	-21.61	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Vertical
Test Mode	Mode 1	Test Voltage	By PoE

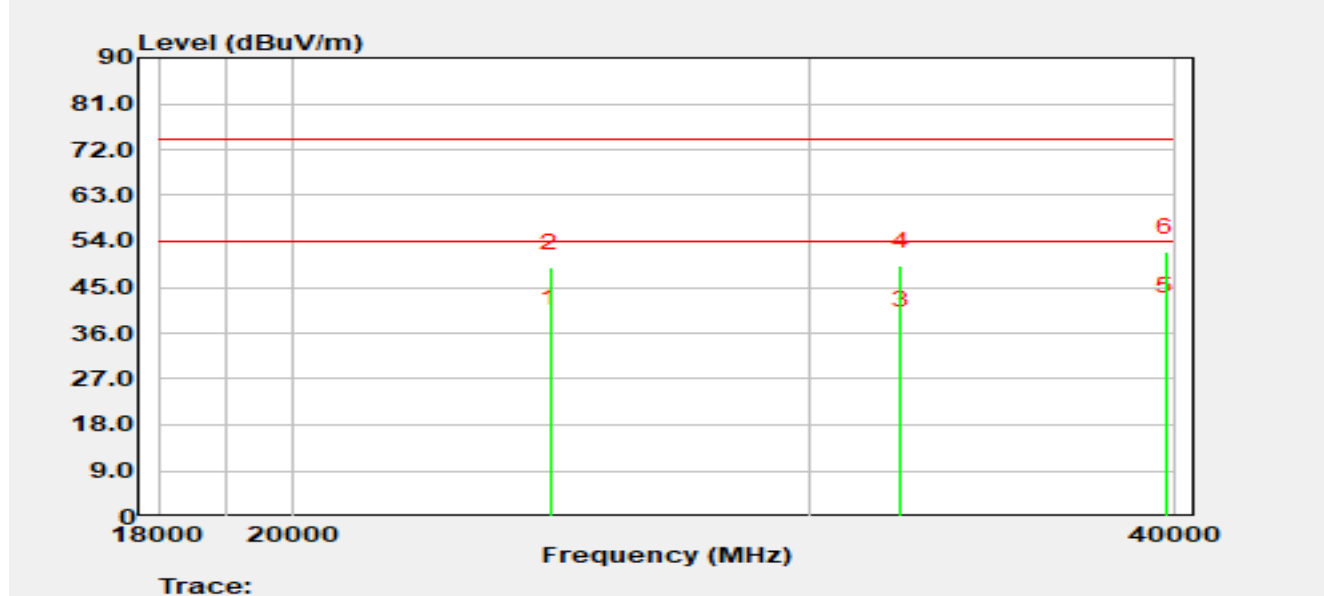


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		32236.200	44.96	-7.59	37.37	-16.63	54.00	Average
2		32236.200	57.11	-7.59	49.51	-24.49	74.00	Peak
3		34801.400	45.10	-7.20	37.90	-16.10	54.00	Average
4		34801.400	57.64	-7.20	50.43	-23.57	74.00	Peak
5	*	39225.600	40.36	0.77	41.13	-12.87	54.00	Average
6		39225.600	51.17	0.77	51.94	-22.06	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
Factor	BBHA 9170_00934	Polarity	Horizontal
Test Mode	Mode 2	Test Voltage	By PoE

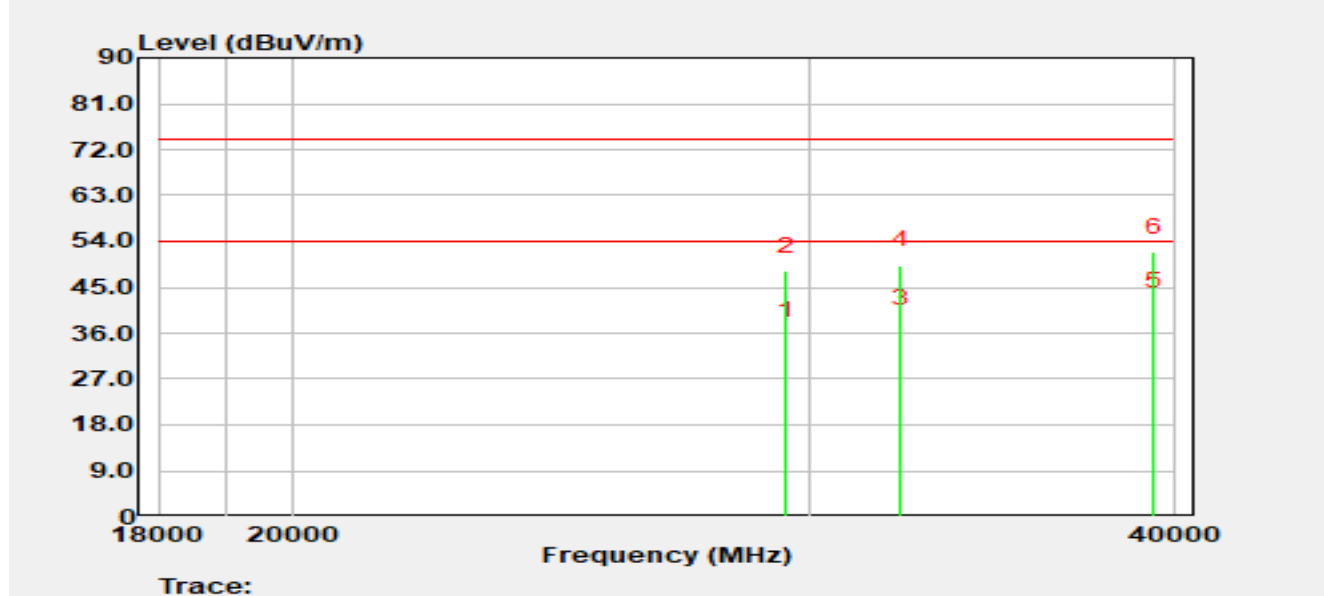


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		24474.600	44.80	-6.92	37.88	-16.12	54.00	Average
2		24474.600	55.73	-6.92	48.81	-25.19	74.00	Peak
3		32236.200	45.28	-7.59	37.69	-16.31	54.00	Average
4		32236.200	56.67	-7.59	49.08	-24.92	74.00	Peak
5	*	39683.200	40.27	0.05	40.32	-13.68	54.00	Average
6		39683.200	51.83	0.05	51.87	-22.13	74.00	Peak

Notes:

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

Site	SIP-AC2	Test Date	2025-10-14
Temperature	24.6 °C	Humidity	63.7%
Limit	FCC_Part 15.109_RE(3 m)_Class B	Test Engineer	Fusco Pan
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		29455.400	44.26	-8.82	35.44	-18.56	54.00	Average
2		29455.400	56.89	-8.82	48.08	-25.92	74.00	Peak
3		32236.200	45.33	-7.59	37.74	-16.26	54.00	Average
4		32236.200	56.93	-7.59	49.34	-24.66	74.00	Peak
5	*	39329.000	40.55	0.62	41.17	-12.83	54.00	Average
6		39329.000	51.21	0.62	51.82	-22.18	74.00	Peak

Notes:

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

Appendix A - Test Setup Photograph

Refer to "R25S1115122-UT" file.

Appendix B - EUT Photograph

Refer to "R25S1115122-UE" file.

The End
