



EMC MEASUREMENT REPORT

Applicant: ALE USA Inc.
Address: 2000 Corporate Center Drive
Thousand Oaks, CA 91320
Product: OmniAccess Stellar
Model No.: OAW-AP1542
Brand Name: Alcatel-Lucent Enterprise
FCC Rule Part(s): FCC Part 15 Subpart B
ISED Rule(s): ICES-003 Issue 7 (October 15, 2020)
RSS-Gen Issue 5 (February 11, 2021)
Test Procedure: ANSI C63.4-2014
Result: Complies
Received Date: 2026-01-09
Test Date: 2026-03-28 ~ 2026-04-17

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
R26S1042015-U101	V01	Initial Report	2026-05-22	Valid

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	8
3. Measuring Instrument	9
4. Decision Rules and Measurement Uncertainty.....	10
4.1. Decision Rules	10
4.2. Measurement Uncertainty	10
5. Test Result	11
5.1. Summary	11
5.2. Conducted Emission	12
5.2.1. Test Limit	12
5.2.2. Test Setup	12
5.2.3. Test Result.....	13
5.3. Radiated Emission	25
5.3.1. Test Limit	25
5.3.2. Test Setup	25
5.3.3. Test Result.....	27
Appendix A - Test Setup Photograph	57
Appendix B - EUT Photograph	58

1. General Information

1.1. Applicant

ALE USA Inc.
2000 Corporate Center Drive
Thousand Oaks, CA 91320

1.2. Manufacturer

ALE USA Inc.
2000 Corporate Center Drive
Thousand Oaks, CA 91320

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 FCC: CN1166
	CNAS: L10551 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 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 Name	OmniAccess Stellar
Model No.	OAW-AP1542
EUT Identification	Y-260126-R061-01 & 20260109Sample#01
Brand Name	Alcatel-Lucent Enterprise
Bluetooth Specification	Bluetooth_LE
ZigBee Specification	802.15.4
Wi-Fi Specification	802.11a/b/g/n/ac/ax/be
Operating Temperature	0 ~ 50 °C
Power Type	AC/DC Adapter or PoE Injector
Accessories	
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 ~ 1.5 A, 50-60 Hz, 98-104 VA 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
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. The Adapter and PoE Injector are not sold with product.	

2. Test Configuration

2.1. Test Mode

Mode 1: Dual PoE power supply and connect to notebooks via PoE + Connect to mobile phones via 2.4G & 5G Wi-Fi + Connect to notebook via 6G Wi-Fi (Configuration 1) + Ping through the SFP+ port + Plug USB flash and make it reading/writing + ZigBee connection + GPS monitoring + Connect the GPS antenna.

Mode 2: Powered by Adapter and connect to notebooks via ETH0 and ETH1 port+ Connect to mobile phones via 2.4G & 5G Wi-Fi (Configuration 2) + Ping through the SFP+ port + Plug USB flash and make it reading/writing + BLE connection + GPS monitoring.

Mode 3: Receive by 802.11b at 2412 MHz.

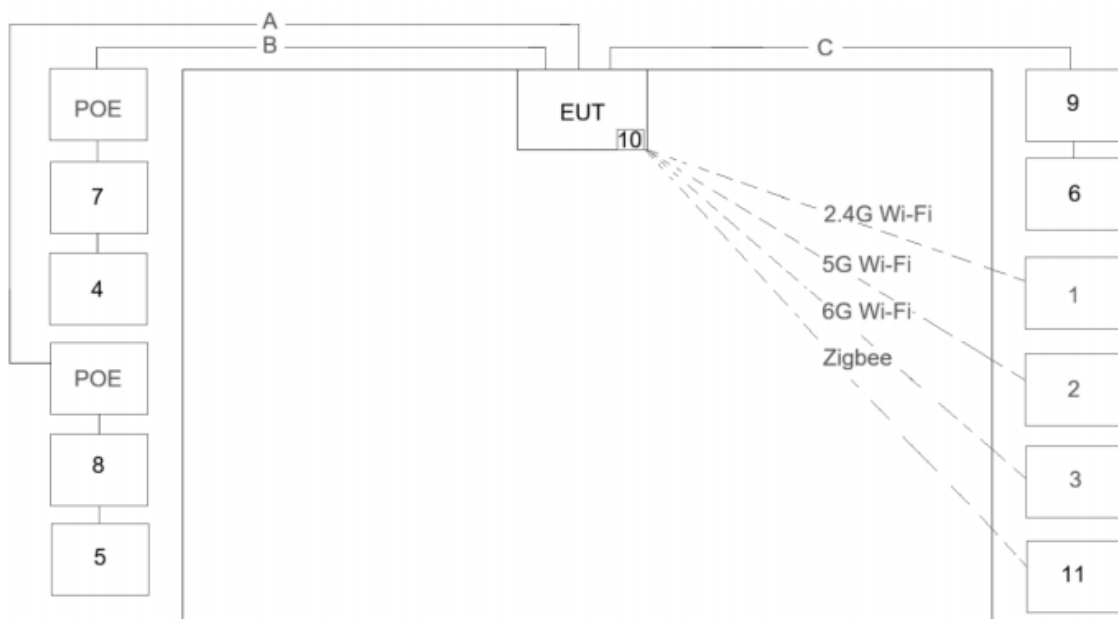
Mode 4: Receive by 802.11a at 5180 MHz.

Mode 5: Receive by 802.11ax-HE20 at 5955 MHz.

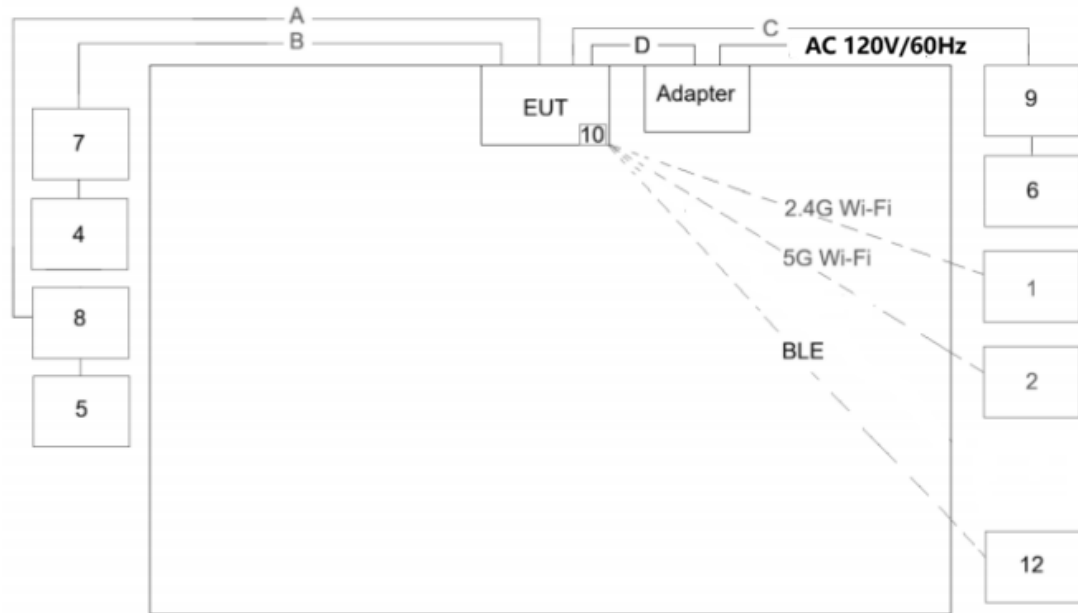
2.2. Configuration of Tested System

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

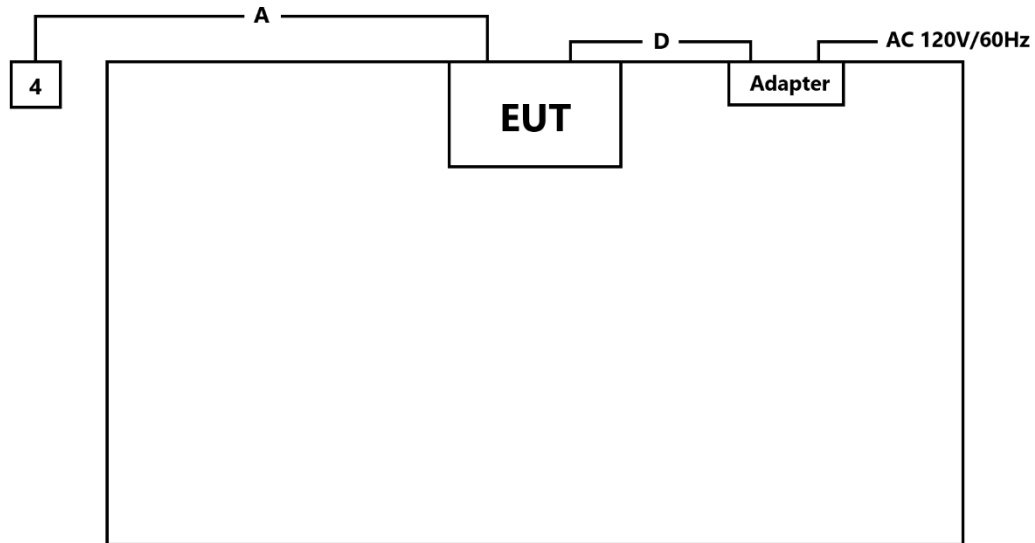
Mode 1



Mode 2



Mode 3 ~ 5



Cable Type		Cable Spec.	Length
A	LAN Cable	Shielded	>3.0 m
B	LAN Cable	Shielded	>3.0m
C	Fiber optic Cable	Non-Shielded	>5.0 m
D	Power Cable	Non-Shielded	1.5 m
Product		Manufacturer	Model No.
1	Mobile Phone	Apple	XR
2	Mobile Phone	Vivo	iQOO Neo8
3	Notebook	DELL	P137G
4	Notebook	Microsoft	Surface Laptop Go

5	Notebook	DELL	E5290
6	Desktop	DELL	Vostro.270
7	Switch	TP-LINK	TL-SL1005
8	Switch	TP-LINK	TL-SL1005
9	Fiber Optical Transceiver	Guangbida	FT-W10G-F
10	USB flash disk	Kingston	32GB
11	AP	Huaxin Aotian Network	AP 1541
12	Mobile Phone	Apple	iPhone 13

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	MRTSUE06616	1 year	2026-10-08	SIP-AC1
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06645	1 year	2026-06-26	SIP-AC1
Signal Analyzer	Keysight	N9010B	MRTSUE06603	1 year	2026-08-31	SIP-AC1
Preamplifier	MRT	AMP-AC1	MRTSUE11265	1 year	2026-10-30	SIP-AC1
Horn Antenna	R&S	HF907	MRTSUE06610	1 year	2026-05-13	SIP-AC1
Anechoic Chamber	RIKEN	SIP-AC1	MRTSUE06554	1 year	2026-12-15	SIP-AC1
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2026-11-02	SIP-AC1/SIP-AC2
EMI Test Receiver	R&S	ESR3	MRTSUE06613	1 year	2026-09-28	SIP-AC1/SIP-AC2
Preamplifier	EMCI	EMC184045SE	MRTSUE06602	1 year	2026-09-29	SIP-AC1/SIP-AC2/ SIP-AC3
Thermohygrometer	testo	608-H1	MRTSUE06622	1 year	2026-10-08	SIP-AC2
TRILOG Antenna	Schwarzbeck	VULB 9168	MRTSUE06647	1 year	2026-05-15	SIP-AC2
Horn Antenna	Schwarzbeck	BBHA 9120D	MRTSUE06648	1 year	2026-10-17	SIP-AC2
Preamplifier	EMCI	EMC051845SE	MRTSUE06601	1 year	2026-10-30	SIP-AC2
Anechoic Chamber	RIKEN	SIP-AC2	MRTSUE06781	1 year	2026-12-15	SIP-AC2
Signal Analyzer	Keysight	N9010B	MRTSUE07028	1 year	2026-09-28	SIP-AC2/SIP-AC3
Thermohygrometer	testo	608-H1	MRTSUE06619	1 year	2026-10-16	SIP-AC3
Horn Antenna	R&S	HF907	MRTSUE06611	1 year	2026-06-20	SIP-AC3
Preamplifier	EMCI	EMC012645SE	MRTSUE06642	1 year	2027-01-03	SIP-AC3
Horn Antenna	Schwarzbeck	BBHA 9170	MRTSUE06598	1 year	2026-11-02	SIP-AC3
Anechoic Chamber	RIKEN	SIP-AC3	MRTSUE06782	1 year	2026-12-15	SIP-AC3
Two-Line V-Network	R&S	ENV216	MRTSUE06003	1 year	2026-04-29	SIP-SR2
EMI Test Receiver	R&S	ESL3	MRTSUE06576	1 year	2027-03-09	SIP-SR2
Four-Line V-Network	R&S	ENV432	MRTSUE06614	1 year	2026-09-28	SIP-SR2
Thermohygrometer	testo	608-H1	MRTSUE06621	1 year	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: 3.59 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)	ISED Section(s)	Test Description	Result
15.107	ICES-003 - 3.2.1 RSS-Gen - 7.2	Conducted Emission	Pass
15.109	ICES-003 - 3.2.2 RSS-Gen - 7.3	Radiated Emission	Pass

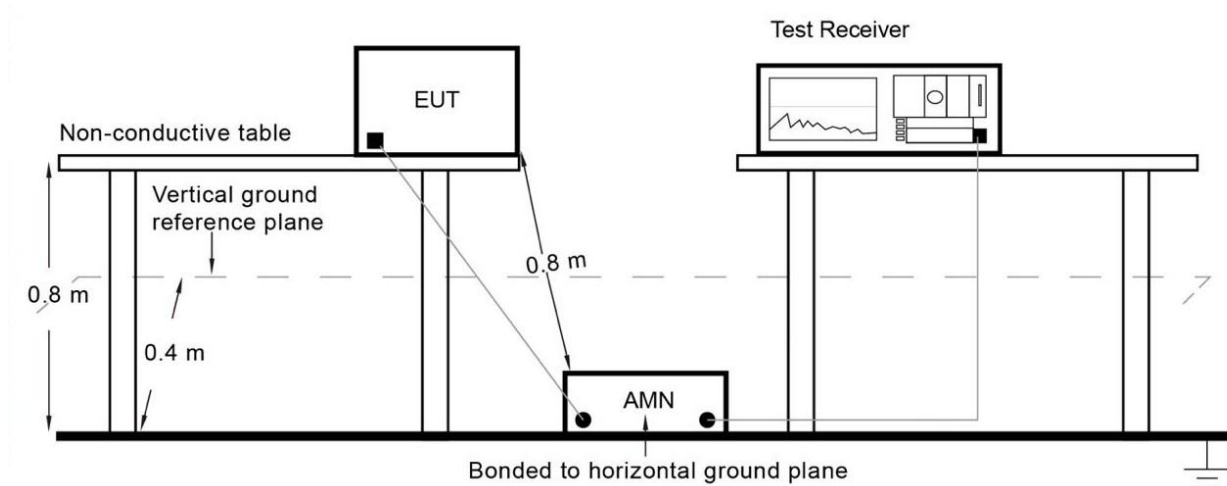
5.2. Conducted Emission

5.2.1. Test Limit

FCC Part 15.107 / ICES-003 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

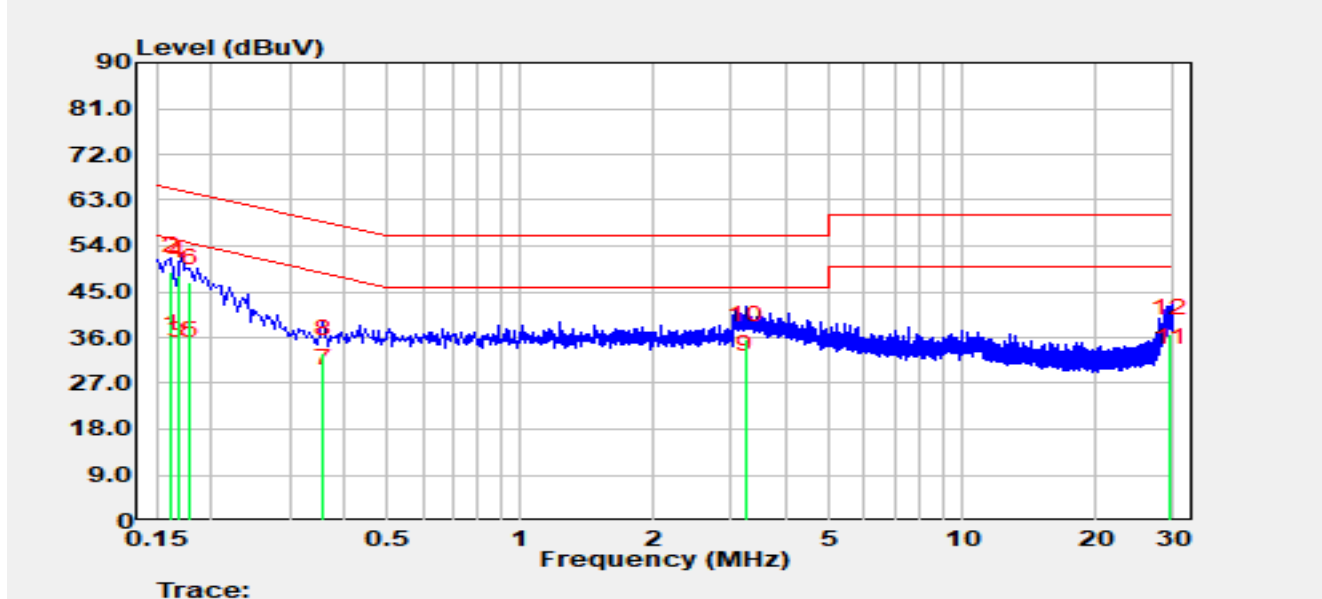
RSS-Gen Receiver Conducted Emission Limits		
Frequency Range (MHz)	QP dB(μ V)	AV dB(μ V)
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

5.2.2. Test Setup



5.2.3. Test Result

Site	SIP-SR2	Test Date	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	By PoE	Polarity	Line
Test Mode	Mode 1, Eth0/PoE Power Port		

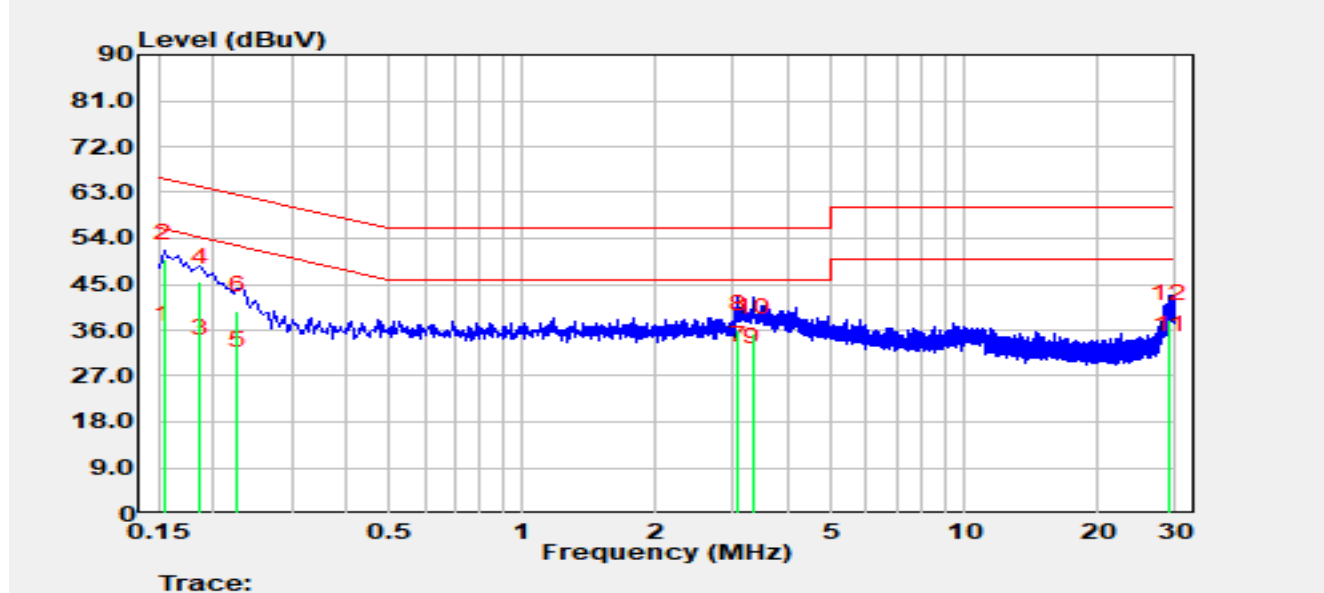


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.162	24.18	9.58	33.76	-21.60	55.36	Average
2		0.162	39.49	9.58	49.06	-16.30	65.36	QP
3		0.168	22.82	9.58	32.40	-22.64	55.04	Average
4		0.168	38.55	9.58	48.13	-16.91	65.04	QP
5		0.179	22.94	9.58	32.52	-22.02	54.54	Average
6		0.179	37.13	9.58	46.71	-17.84	64.54	QP
7		0.357	17.26	9.67	26.93	-21.86	48.79	Average
8		0.357	23.27	9.67	32.94	-25.85	58.79	QP
9	*	3.239	19.96	9.77	29.74	-16.26	46.00	Average
10		3.239	25.84	9.77	35.61	-20.39	56.00	QP
11		29.540	20.87	10.10	30.97	-19.03	50.00	Average
12		29.540	26.65	10.10	36.75	-23.25	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	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	By PoE	Polarity	Neutral
Test Mode	Mode 1, Eth0/PoE Power Port		

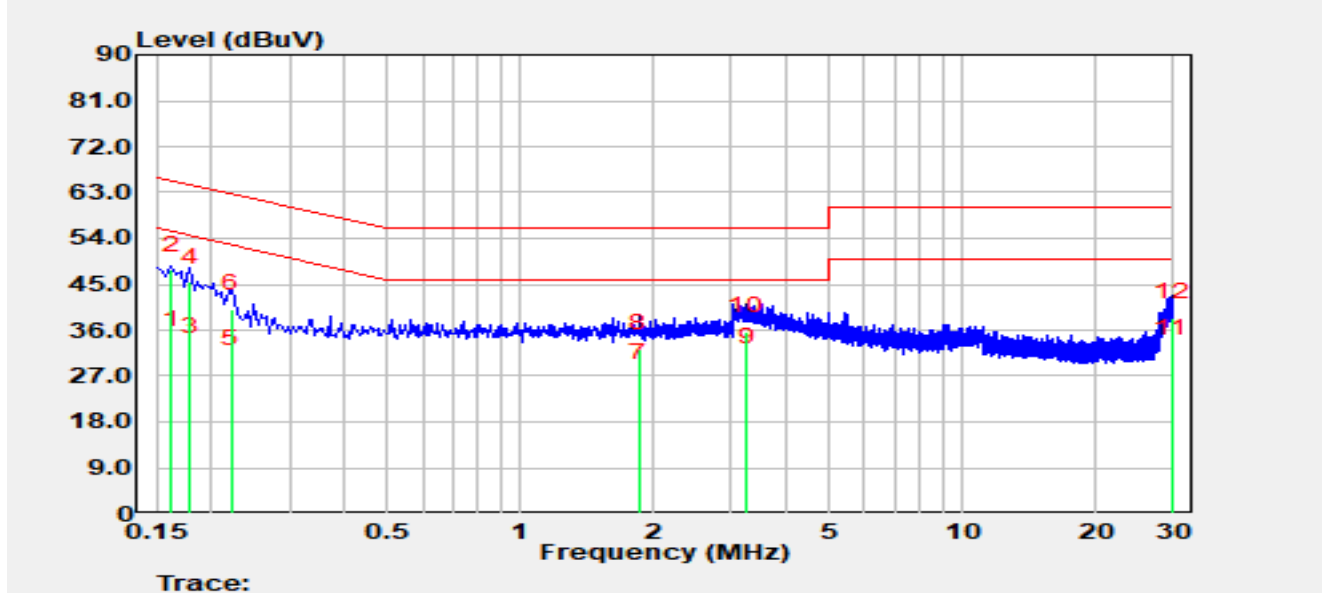


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.155	24.65	9.58	34.23	-21.52	55.75	Average
2	*	0.155	40.37	9.58	49.95	-15.80	65.75	QP
3		0.186	21.83	9.59	31.42	-22.77	54.20	Average
4		0.186	35.79	9.59	45.38	-18.82	64.20	QP
5		0.227	19.28	9.64	28.92	-23.64	52.56	Average
6		0.227	30.13	9.64	39.77	-22.79	62.56	QP
7		3.081	20.41	9.73	30.15	-15.85	46.00	Average
8		3.081	26.31	9.73	36.04	-19.96	56.00	QP
9		3.325	19.80	9.77	29.57	-16.43	46.00	Average
10		3.325	25.64	9.77	35.40	-20.60	56.00	QP
11		29.190	21.90	10.13	32.03	-17.97	50.00	Average
12		29.190	28.02	10.13	38.15	-21.85	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).

Site	SIP-SR2	Test Date	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	By PoE	Polarity	Line
Test Mode	Mode 1, Eth1/PoE Power Port		

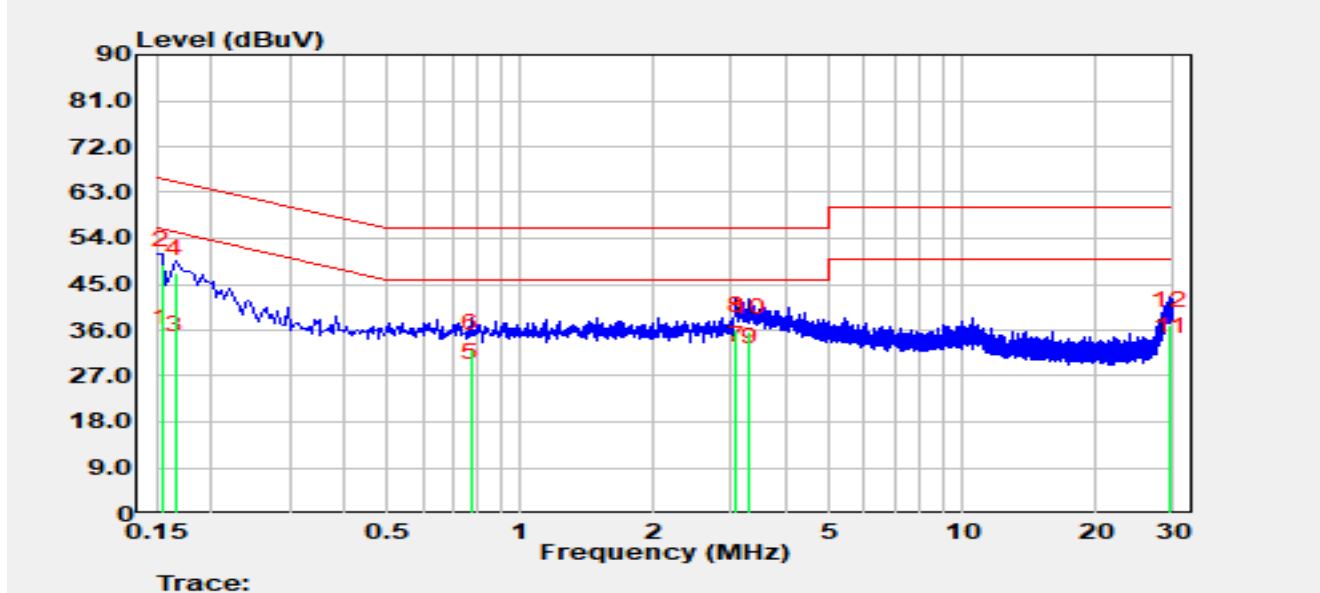


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.163	23.43	9.58	33.00	-22.33	55.33	Average
2		0.163	38.14	9.58	47.72	-17.61	65.33	QP
3		0.179	22.08	9.58	31.66	-22.89	54.56	Average
4		0.179	35.90	9.58	45.48	-19.07	64.56	QP
5		0.222	19.63	9.63	29.26	-23.48	52.75	Average
6		0.222	30.52	9.63	40.16	-22.59	62.75	QP
7		1.856	16.80	9.70	26.50	-19.50	46.00	Average
8		1.856	22.59	9.70	32.29	-23.71	56.00	QP
9	*	3.247	19.99	9.77	29.76	-16.24	46.00	Average
10		3.247	25.90	9.77	35.68	-20.32	56.00	QP
11		29.680	21.37	10.10	31.47	-18.53	50.00	Average
12		29.680	28.31	10.10	38.40	-21.60	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).

Site	SIP-SR2	Test Date	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	By PoE	Polarity	Neutral
Test Mode	Mode 1, Eth1/PoE Power Port		

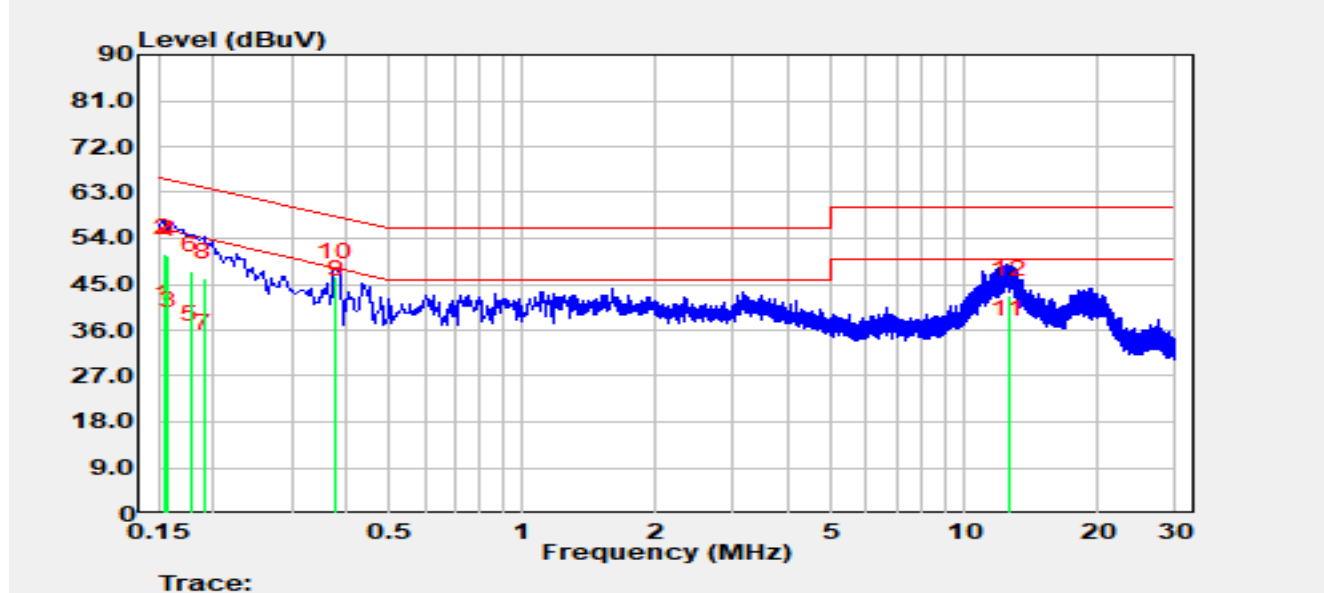


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.155	23.79	9.58	33.37	-22.38	55.75	Average
2		0.155	39.21	9.58	48.79	-16.97	65.75	QP
3		0.165	22.62	9.58	32.20	-22.98	55.19	Average
4		0.165	37.50	9.58	47.08	-18.10	65.19	QP
5		0.775	16.85	9.69	26.54	-19.46	46.00	Average
6		0.775	22.73	9.69	32.41	-23.59	56.00	QP
7	*	3.069	20.39	9.73	30.12	-15.88	46.00	Average
8		3.069	26.26	9.73	35.99	-20.01	56.00	QP
9		3.302	19.83	9.77	29.60	-16.40	46.00	Average
10		3.302	25.76	9.77	35.53	-20.47	56.00	QP
11		29.530	21.57	10.13	31.69	-18.31	50.00	Average
12		29.530	26.83	10.13	36.96	-23.04	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).

Site	SIP-SR2	Test Date	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Line
Test Mode	Mode 2, Power Port		

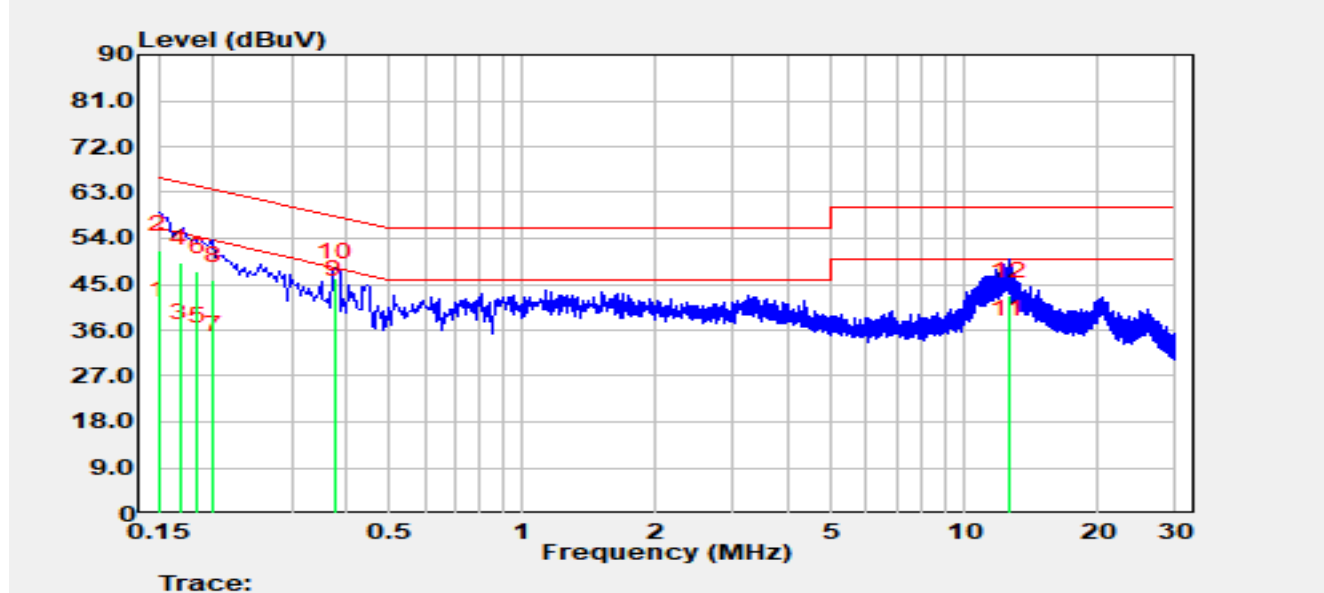


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.154	28.65	9.57	38.22	-17.55	55.78	Average
2		0.154	41.54	9.57	51.11	-14.67	65.78	QP
3		0.158	27.22	9.57	36.79	-18.77	55.56	Average
4		0.158	41.04	9.57	50.61	-14.95	65.56	QP
5		0.177	24.41	9.58	33.99	-20.64	54.63	Average
6		0.177	38.13	9.58	47.71	-16.92	64.63	QP
7		0.190	22.97	9.59	32.56	-21.49	54.05	Average
8		0.190	36.66	9.59	46.25	-17.80	64.05	QP
9	*	0.379	33.21	9.68	42.89	-5.41	48.29	Average
10		0.379	36.79	9.68	46.46	-11.83	58.29	QP
11		12.610	25.18	10.13	35.31	-14.69	50.00	Average
12		12.610	32.67	10.13	42.80	-17.20	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	2026-04-01
Temperature	23.3 °C	Humidity	53.1%
Limit	FCC Part 15.107_CE_Mains_Class B	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Neutral
Test Mode	Mode 2, Power Port		

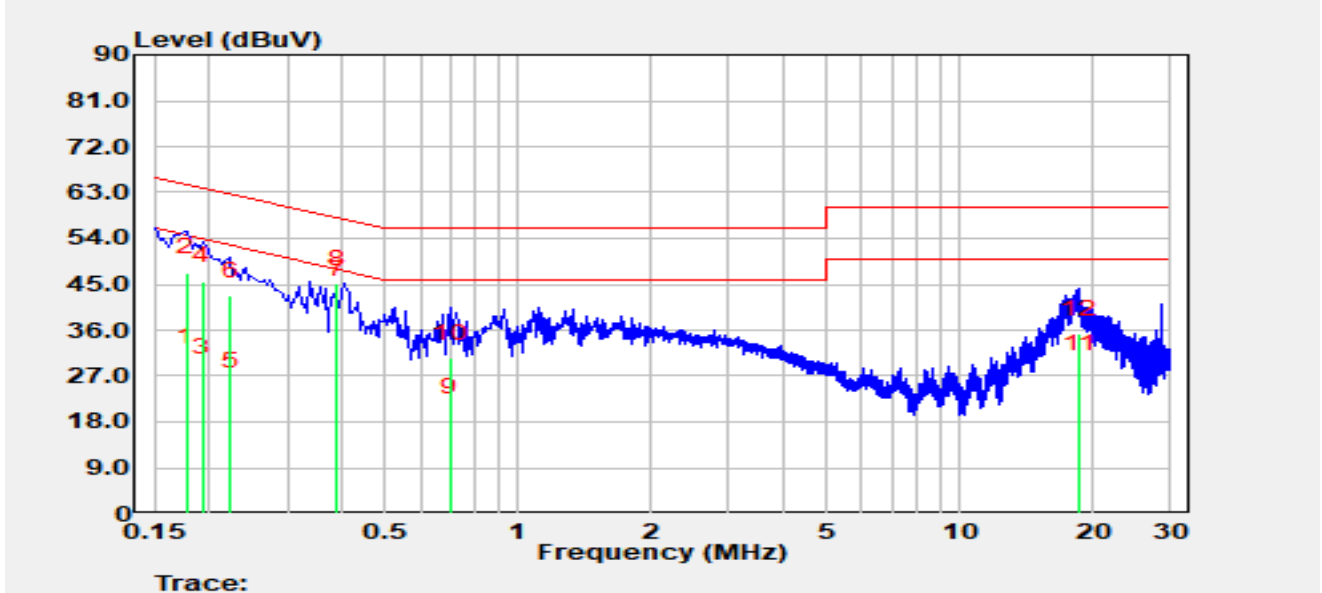


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.150	29.30	9.58	38.88	-17.12	55.99	Average
2		0.150	42.19	9.58	51.77	-14.22	65.99	QP
3		0.168	25.04	9.58	34.62	-20.42	55.04	Average
4		0.168	39.55	9.58	49.13	-15.91	65.04	QP
5		0.183	24.12	9.58	33.70	-20.63	54.33	Average
6		0.183	37.83	9.58	47.42	-16.92	64.33	QP
7		0.200	22.39	9.61	31.99	-21.61	53.61	Average
8		0.200	36.13	9.61	45.74	-17.86	63.61	QP
9	*	0.376	33.24	9.67	42.91	-5.45	48.36	Average
10		0.376	36.54	9.67	46.21	-12.15	58.36	QP
11		12.540	25.00	10.14	35.13	-14.87	50.00	Average
12		12.540	32.50	10.14	42.64	-17.36	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).

Site	SIP-SR2	Test Date	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Line
Test Mode	Mode 3, Power Port		

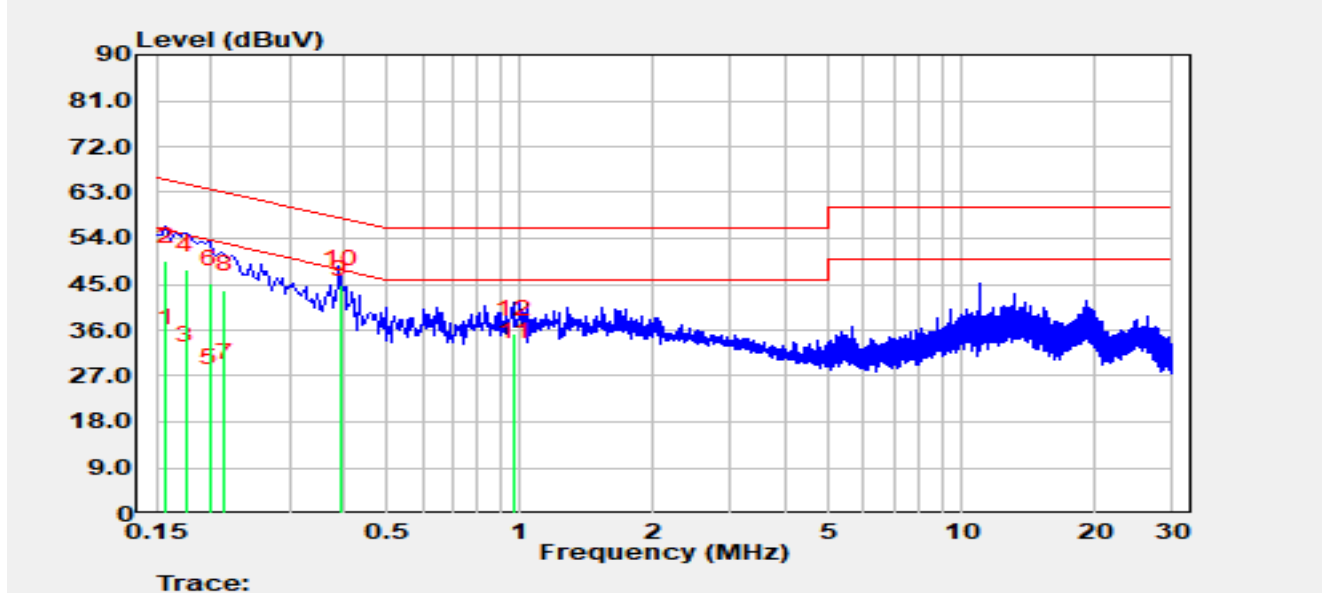


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.178	20.10	9.58	29.68	-24.91	54.60	Average
2		0.178	37.69	9.58	47.27	-17.33	64.60	QP
3		0.193	18.00	9.60	27.60	-26.29	53.89	Average
4		0.193	36.08	9.60	45.68	-18.22	63.89	QP
5		0.223	15.24	9.63	24.87	-27.85	52.72	Average
6		0.223	33.06	9.63	42.69	-20.03	62.72	QP
7	*	0.389	33.33	9.68	43.01	-5.08	48.09	Average
8		0.389	35.48	9.68	45.16	-12.93	58.09	QP
9		0.702	10.14	9.69	19.83	-26.17	46.00	Average
10		0.702	20.84	9.69	30.53	-25.47	56.00	QP
11		18.700	18.34	10.18	28.52	-21.48	50.00	Average
12		18.700	25.02	10.18	35.21	-24.79	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).

Site	SIP-SR2	Test Date	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Neutral
Test Mode	Mode 3, Power Port		

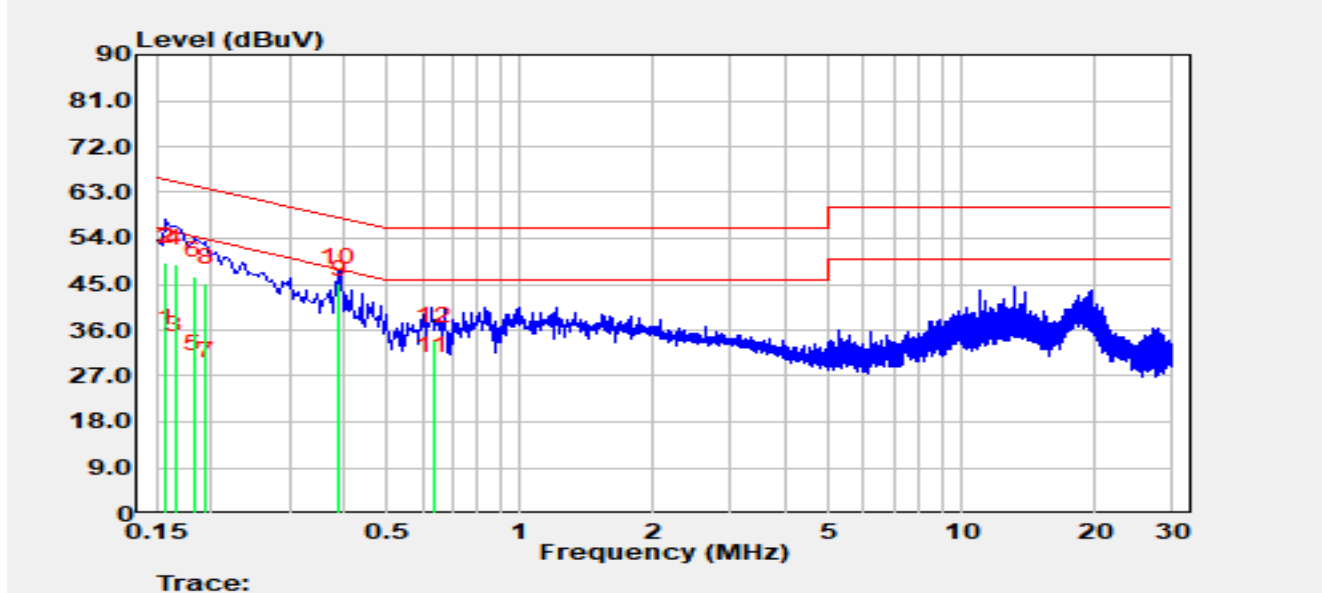


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.158	23.93	9.58	33.51	-22.07	55.58	Average
2		0.158	39.99	9.58	49.57	-16.01	65.58	QP
3		0.175	20.34	9.58	29.92	-24.80	54.72	Average
4		0.175	38.22	9.58	47.80	-16.92	64.72	QP
5		0.199	15.90	9.61	25.50	-28.16	53.66	Average
6		0.199	35.52	9.61	45.13	-18.53	63.66	QP
7		0.214	16.97	9.63	26.60	-26.45	53.04	Average
8		0.214	34.21	9.63	43.83	-19.21	63.04	QP
9	*	0.391	33.17	9.68	42.84	-5.20	48.05	Average
10		0.391	35.31	9.68	44.99	-13.05	58.05	QP
11		0.971	21.00	9.68	30.68	-15.32	46.00	Average
12		0.971	25.49	9.68	35.17	-20.83	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	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Line
Test Mode	Mode 4, Power Port		

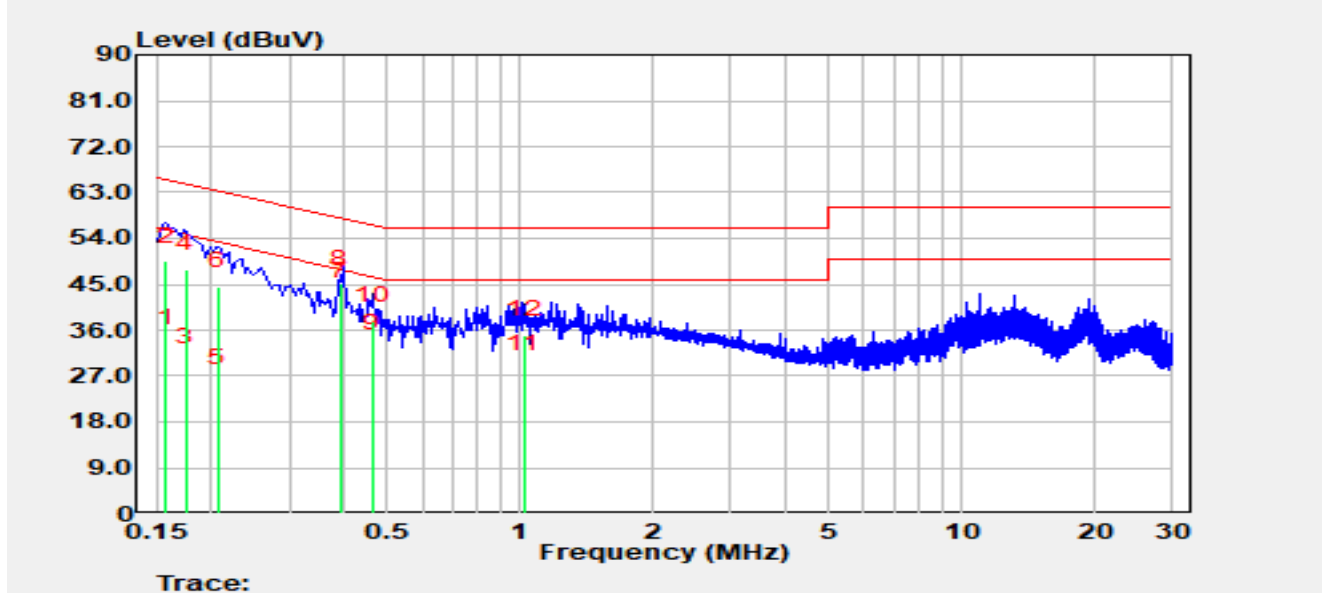


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.158	23.91	9.57	33.49	-22.09	55.58	Average
2		0.158	39.76	9.57	49.34	-16.24	65.58	QP
3		0.166	22.65	9.58	32.23	-22.94	55.17	Average
4		0.166	39.46	9.58	49.04	-16.13	65.17	QP
5		0.182	18.90	9.58	28.48	-25.90	54.38	Average
6		0.182	37.03	9.58	46.62	-17.76	64.38	QP
7		0.194	17.38	9.60	26.98	-26.89	53.87	Average
8		0.194	35.72	9.60	45.32	-18.55	63.87	QP
9	*	0.390	33.37	9.68	43.05	-5.02	48.07	Average
10		0.390	35.55	9.68	45.23	-12.84	58.07	QP
11		0.634	18.33	9.69	28.02	-17.98	46.00	Average
12		0.634	24.22	9.69	33.91	-22.09	56.00	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).

Site	SIP-SR2	Test Date	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Neutral
Test Mode	Mode 4, Power Port		

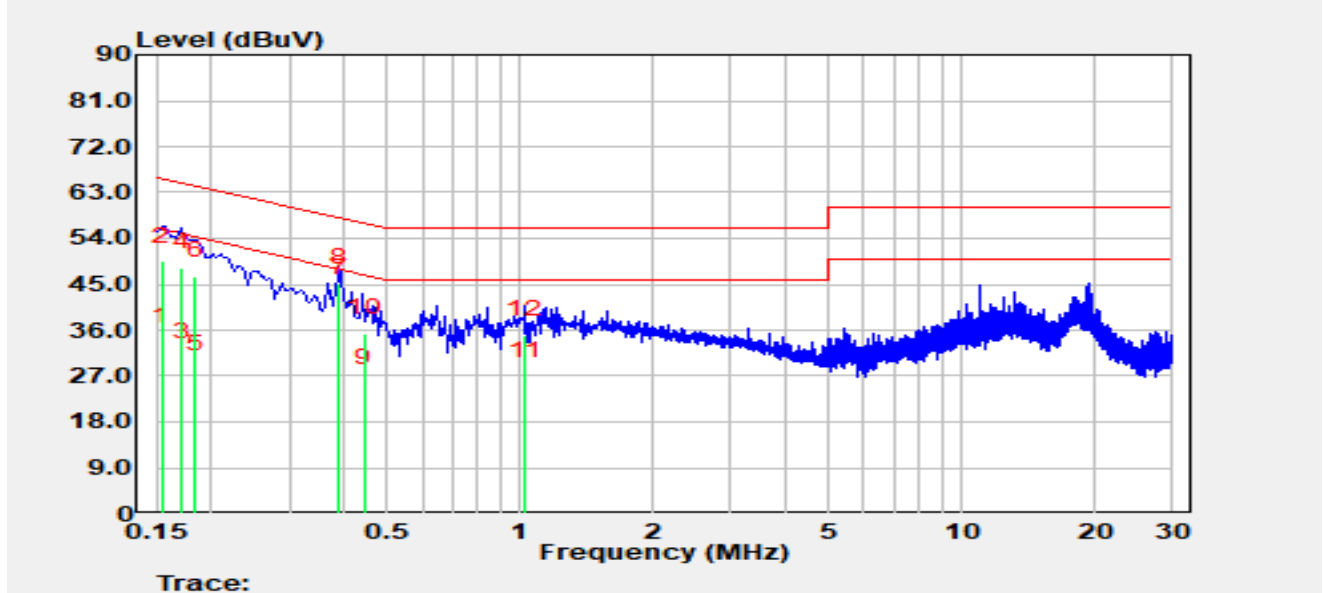


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.158	23.75	9.58	33.33	-22.23	55.57	Average
2		0.158	39.91	9.58	49.49	-16.07	65.57	QP
3		0.175	20.30	9.58	29.88	-24.84	54.71	Average
4		0.175	38.32	9.58	47.90	-16.81	64.71	QP
5		0.206	16.12	9.62	25.73	-27.62	53.35	Average
6		0.206	34.91	9.62	44.53	-18.82	63.35	QP
7	*	0.392	32.93	9.68	42.61	-5.42	48.03	Average
8		0.392	35.47	9.68	45.15	-12.88	58.03	QP
9		0.462	22.72	9.68	32.40	-14.26	46.66	Average
10		0.462	28.14	9.68	37.82	-18.84	56.66	QP
11		1.019	18.66	9.68	28.34	-17.66	46.00	Average
12		1.019	25.47	9.68	35.15	-20.85	56.00	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).

Site	SIP-SR2	Test Date	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Line
Test Mode	Mode 5, Power Port		

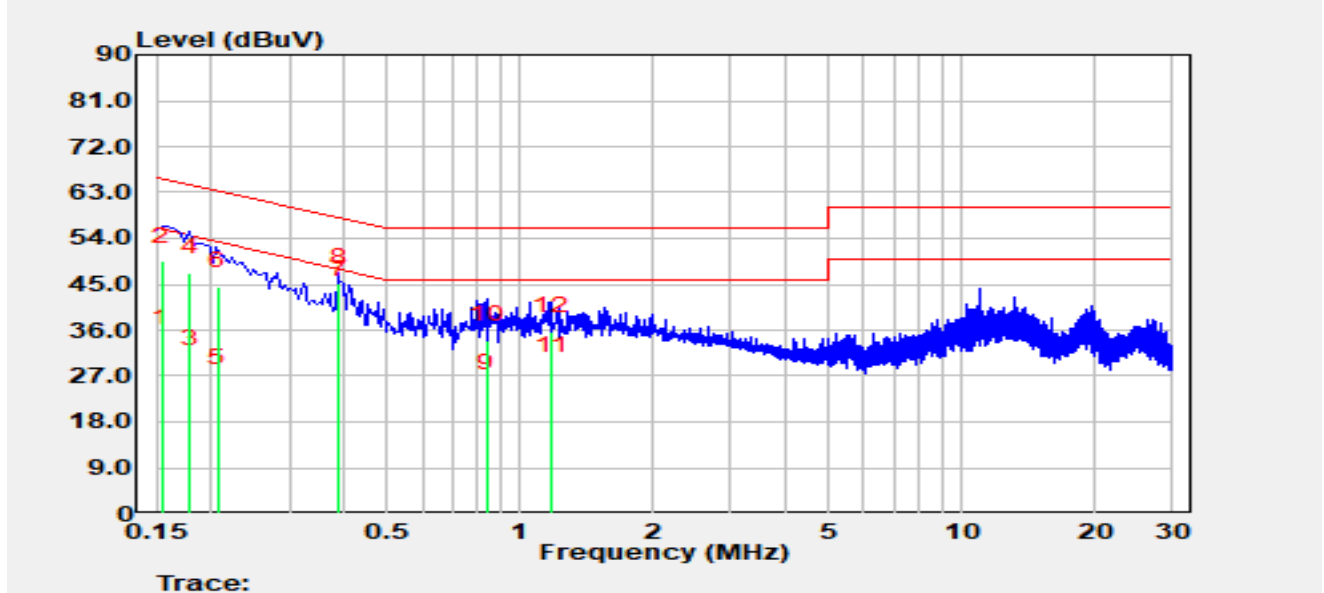


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.155	24.19	9.57	33.76	-21.99	55.75	Average
2		0.155	39.90	9.57	49.47	-16.28	65.75	QP
3		0.171	21.09	9.58	30.67	-24.25	54.92	Average
4		0.171	38.78	9.58	48.36	-16.55	64.92	QP
5		0.183	18.74	9.58	28.33	-26.01	54.34	Average
6		0.183	37.05	9.58	46.64	-17.70	64.34	QP
7	*	0.390	33.50	9.68	43.18	-4.89	48.07	Average
8		0.390	35.65	9.68	45.33	-12.74	58.07	QP
9		0.443	15.85	9.68	25.53	-21.48	47.01	Average
10		0.443	25.77	9.68	35.45	-21.56	57.01	QP
11		1.030	17.25	9.69	26.94	-19.06	46.00	Average
12		1.030	25.32	9.69	35.01	-20.99	56.00	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).

Site	SIP-SR2	Test Date	2026-04-17
Temperature	23.6 °C	Humidity	62.5%
Limit	RSS_Gen_CE_Mains	Test Engineer	Poli Cai
Test Voltage	AC 120 V/60 Hz	Polarity	Neutral
Test Mode	Mode 5, Power Port		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB)	Measurement (dBμV)	Margin (dB)	Limit (dBμV)	Detector
1		0.155	23.99	9.58	33.57	-22.18	55.75	Average
2		0.155	39.90	9.58	49.48	-16.27	65.75	QP
3		0.178	19.67	9.58	29.25	-25.31	54.56	Average
4		0.178	37.67	9.58	47.25	-17.31	64.56	QP
5		0.207	16.12	9.62	25.74	-27.57	53.32	Average
6		0.207	34.95	9.62	44.57	-18.74	63.32	QP
7	*	0.389	33.26	9.68	42.94	-5.14	48.08	Average
8		0.389	35.53	9.68	45.21	-12.87	58.08	QP
9		0.842	14.80	9.68	24.48	-21.52	46.00	Average
10		0.842	24.39	9.68	34.07	-21.93	56.00	QP
11		1.180	18.19	9.69	27.88	-18.12	46.00	Average
12		1.180	26.14	9.69	35.83	-20.17	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).

5.3. Radiated Emission

5.3.1. Test Limit

FCC Part 15.109 / RSS-Gen / ICES-003 Issue 7 - 3.2.2 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 ~ 230	3	46	Quasi-peak
230 ~ 960	3	46 / 47 Note 3	Quasi-peak
960 ~ 1000	3	54	Quasi-peak
Above 1000	3	54	Average
		74	Peak

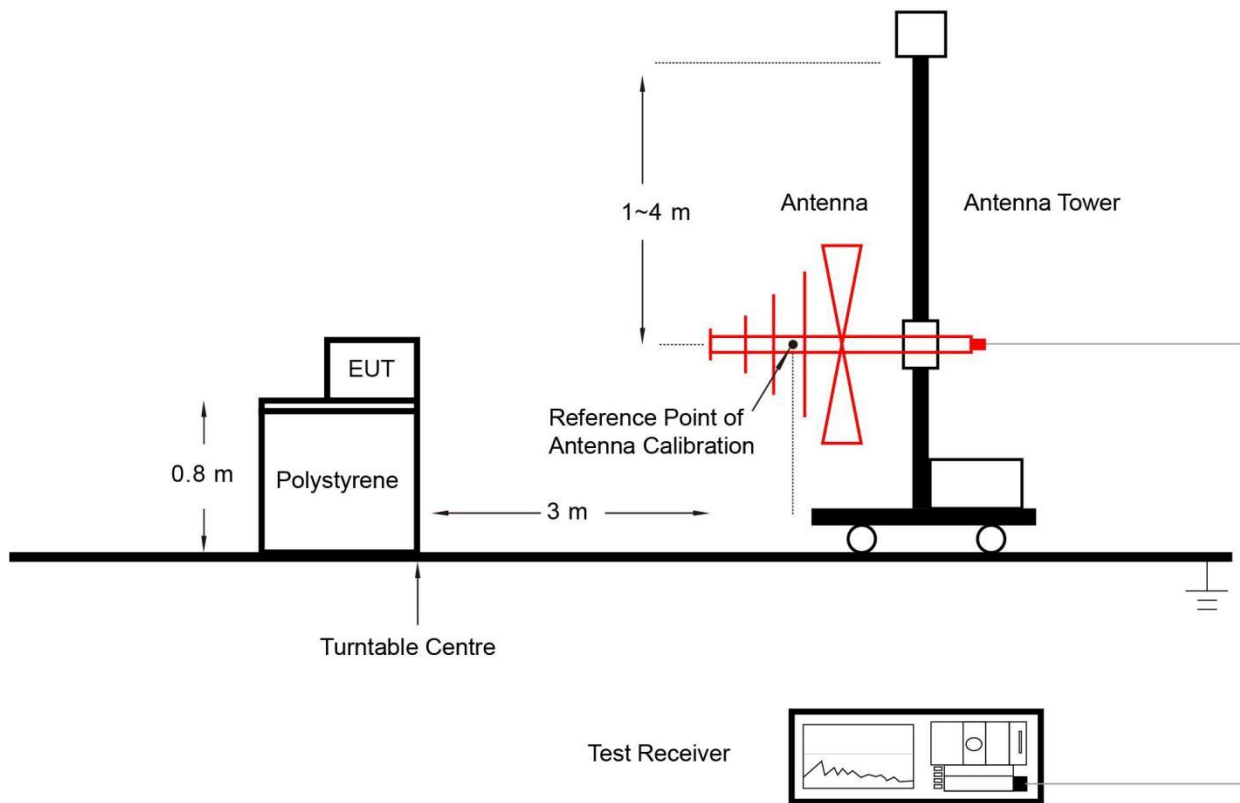
Note 1: The lower limit shall apply at the transition frequency.

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.

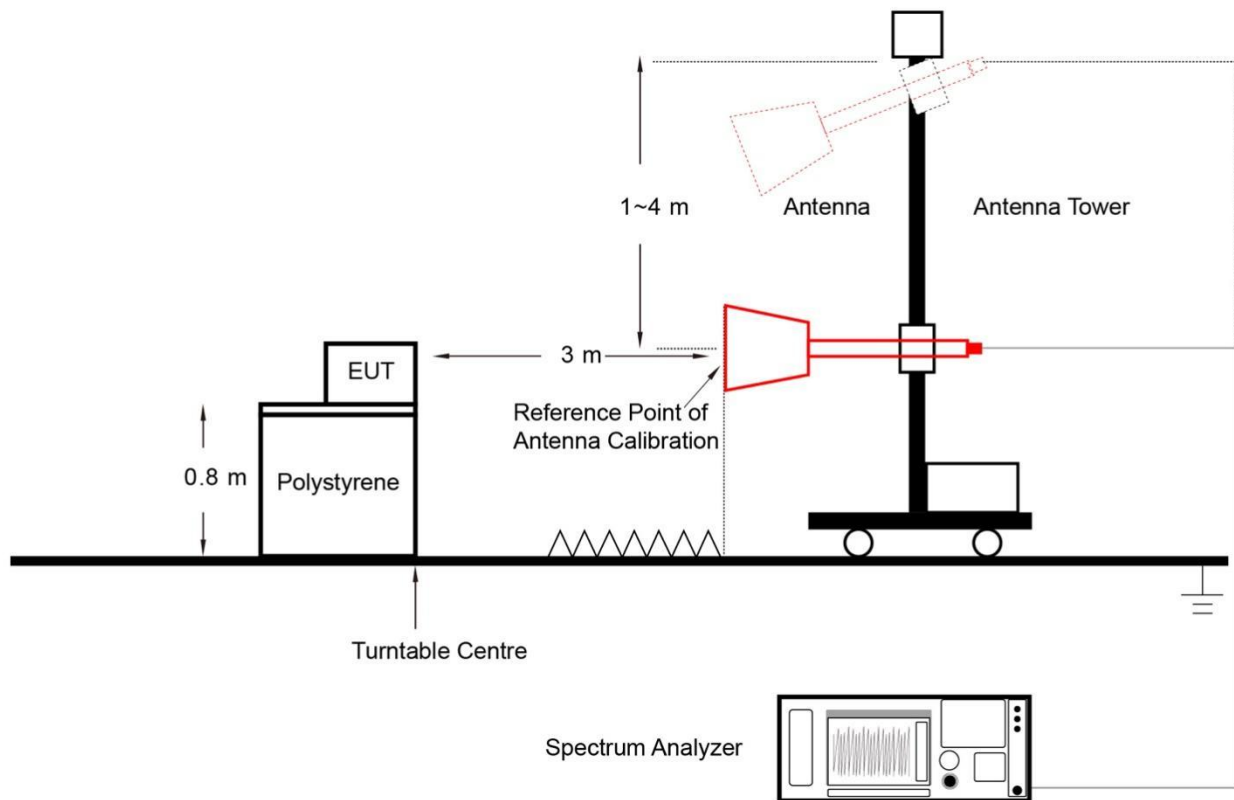
Note 3: Within the frequency range of 230 MHz to 960 MHz, the limit specified in FCC Part 15.109 is more stringent than that in ICES-003 Issue 7; therefore, only the FCC Part 15.109 limit is presented in the test data.

5.3.2. Test Setup

Below 1 GHz Test Setup:

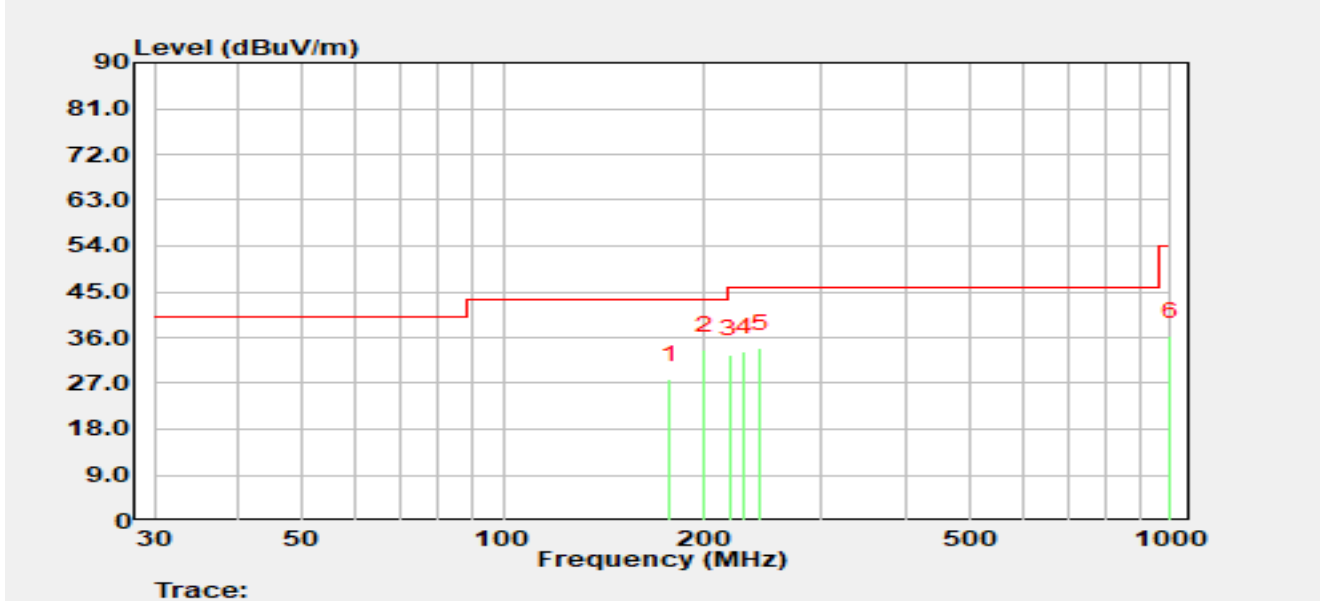


Above 1 GHz Test Setup:



5.3.3. Test Result

Site	SIP-AC2	Test Date	2026-04-12
Temperature	19.2 °C	Humidity	63.4%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

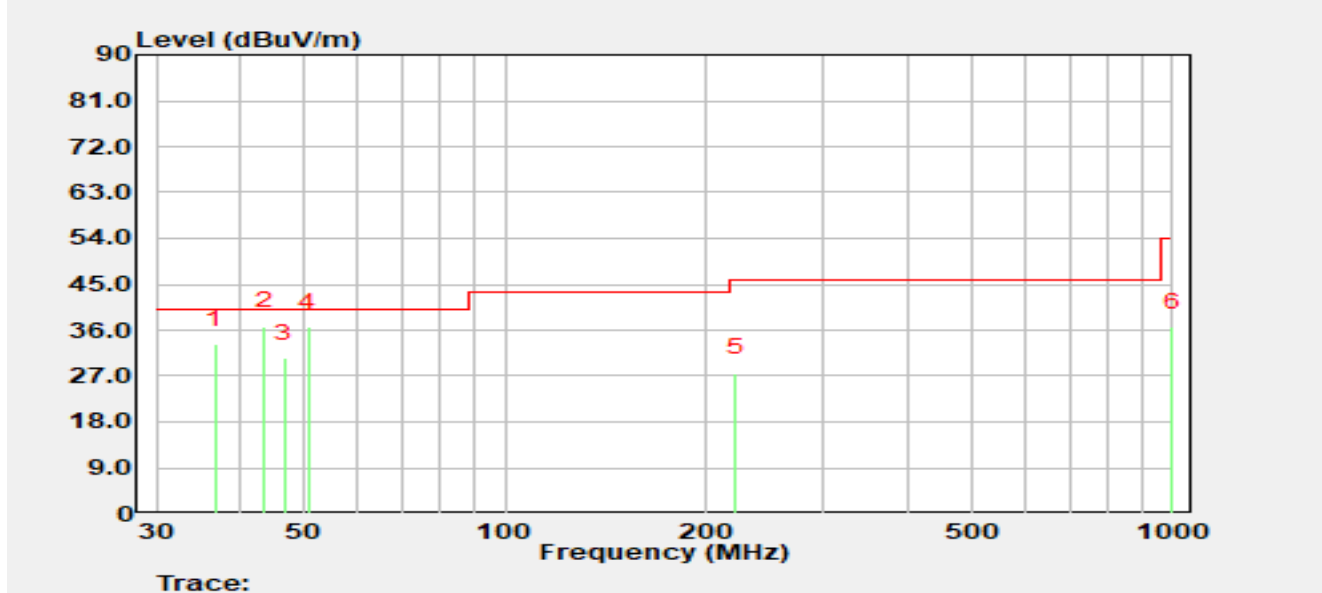


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		177.634	9.00	18.83	27.83	-15.67	43.50	QP
2	*	199.986	16.50	17.03	33.53	-9.97	43.50	QP
3		218.845	16.00	16.66	32.66	-13.34	46.00	QP
4		229.534	15.50	17.63	33.13	-12.87	46.00	QP
5		242.270	15.00	18.81	33.81	-12.19	46.00	QP
6		1000.000	3.60	32.60	36.20	-17.80	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	SIP-AC2	Test Date	2026-04-12
Temperature	19.2 °C	Humidity	63.4%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

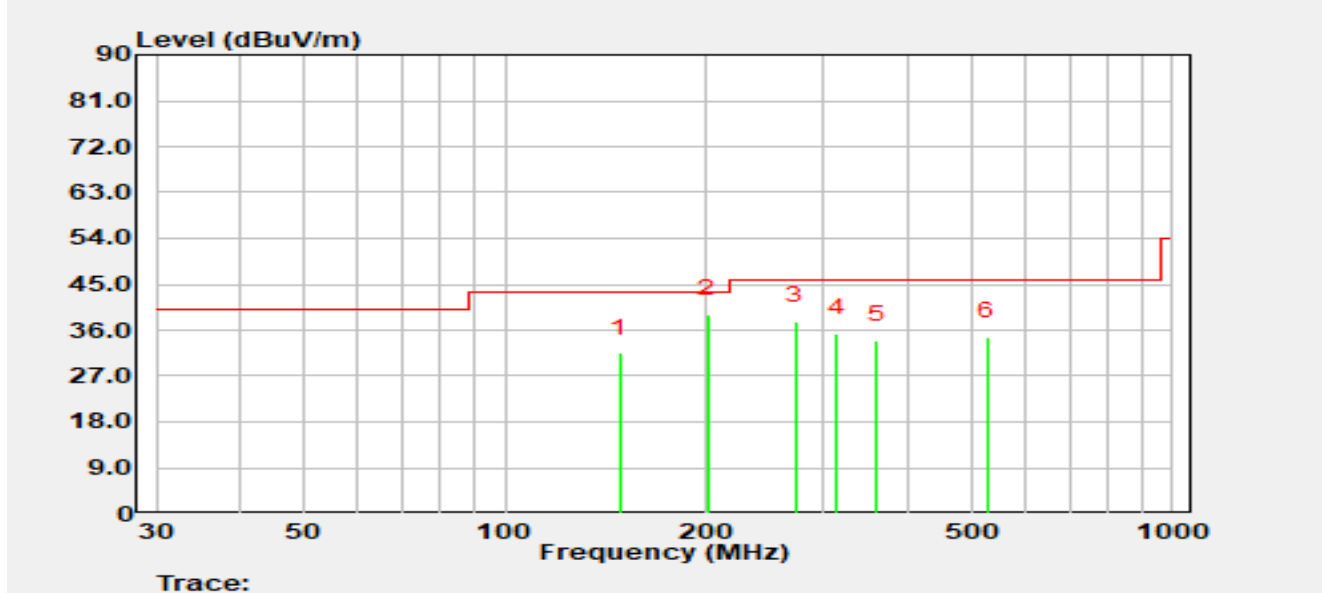


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		36.676	14.00	19.16	33.16	-6.84	40.00	QP
2	*	43.552	16.50	20.22	36.72	-3.28	40.00	QP
3		46.617	10.00	20.48	30.48	-9.52	40.00	QP
4		50.604	16.00	20.52	36.52	-3.48	40.00	QP
5		221.082	11.00	16.65	27.65	-18.35	46.00	QP
6		1000.000	4.00	32.60	36.60	-17.40	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-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

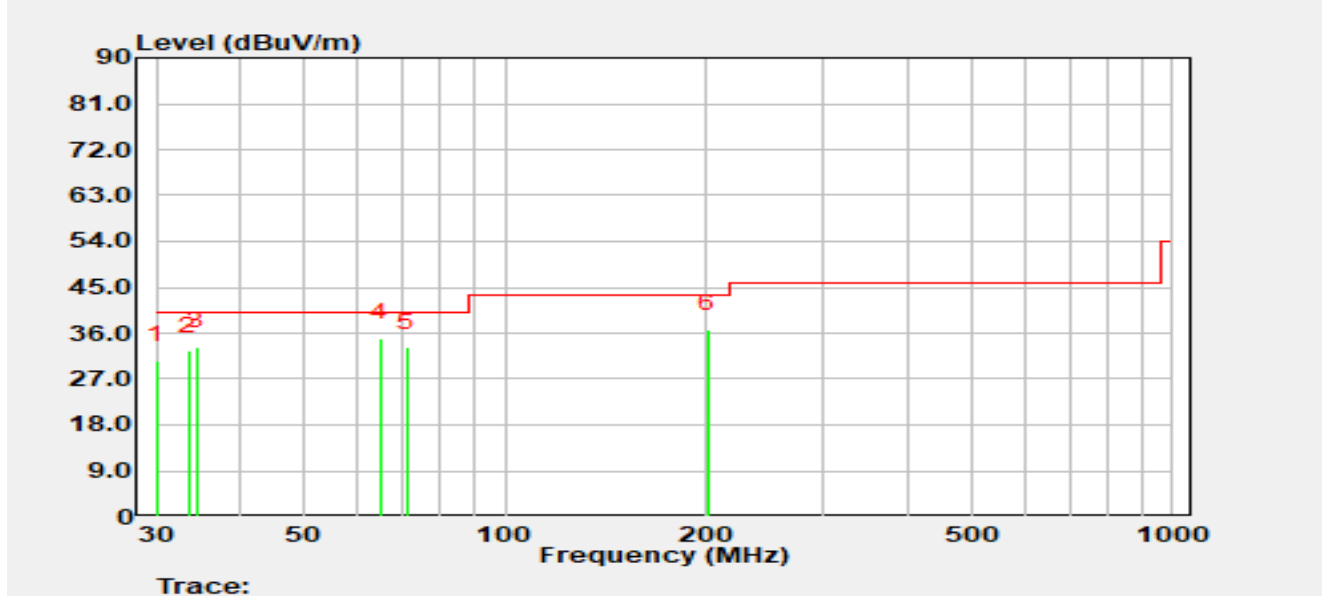


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		148.441	13.20	18.32	31.52	-11.98	43.50	QP
2	*	201.322	24.50	14.56	39.06	-4.44	43.50	QP
3		272.469	20.20	17.66	37.86	-8.14	46.00	QP
4		313.716	16.50	18.94	35.44	-10.56	46.00	QP
5		359.564	14.20	19.82	34.02	-11.98	46.00	QP
6		526.951	10.70	24.09	34.79	-11.21	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-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		

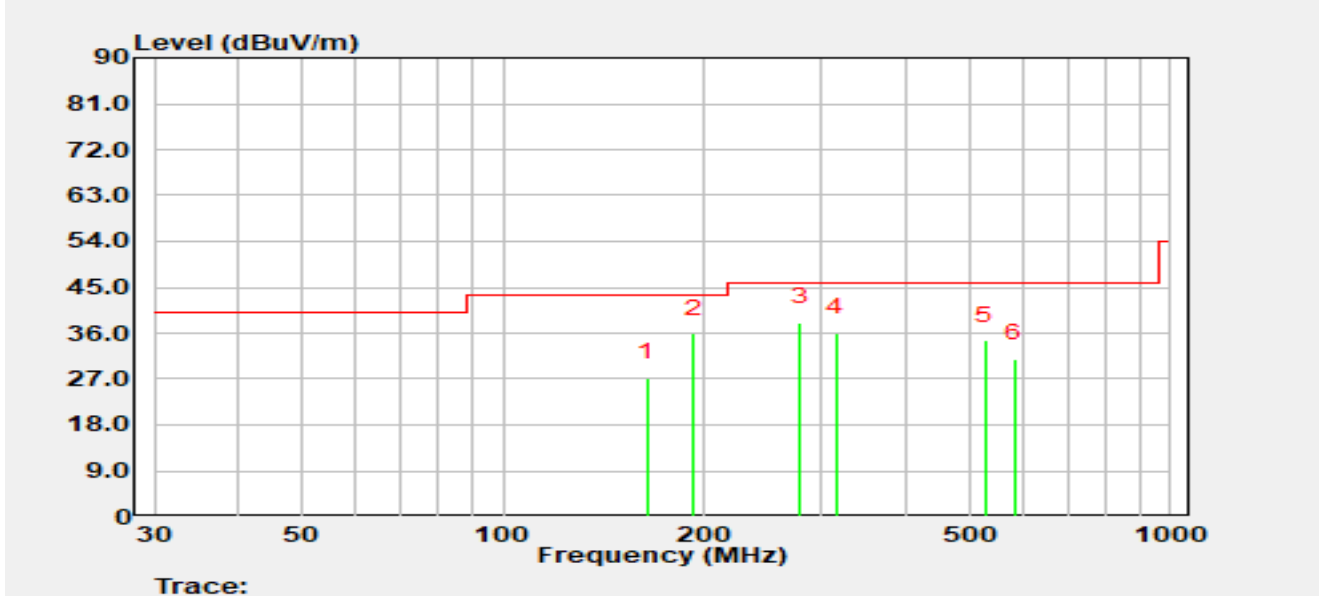


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		30.011	13.70	17.02	30.72	-9.28	40.00	QP
2		33.504	15.50	17.01	32.51	-7.49	40.00	QP
3		34.421	16.40	16.97	33.37	-6.63	40.00	QP
4	*	65.000	18.30	16.82	35.12	-4.88	40.00	QP
5		71.180	17.50	15.62	33.12	-6.88	40.00	QP
6		200.899	22.20	14.55	36.75	-6.75	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-AC1	Test Date	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 3		

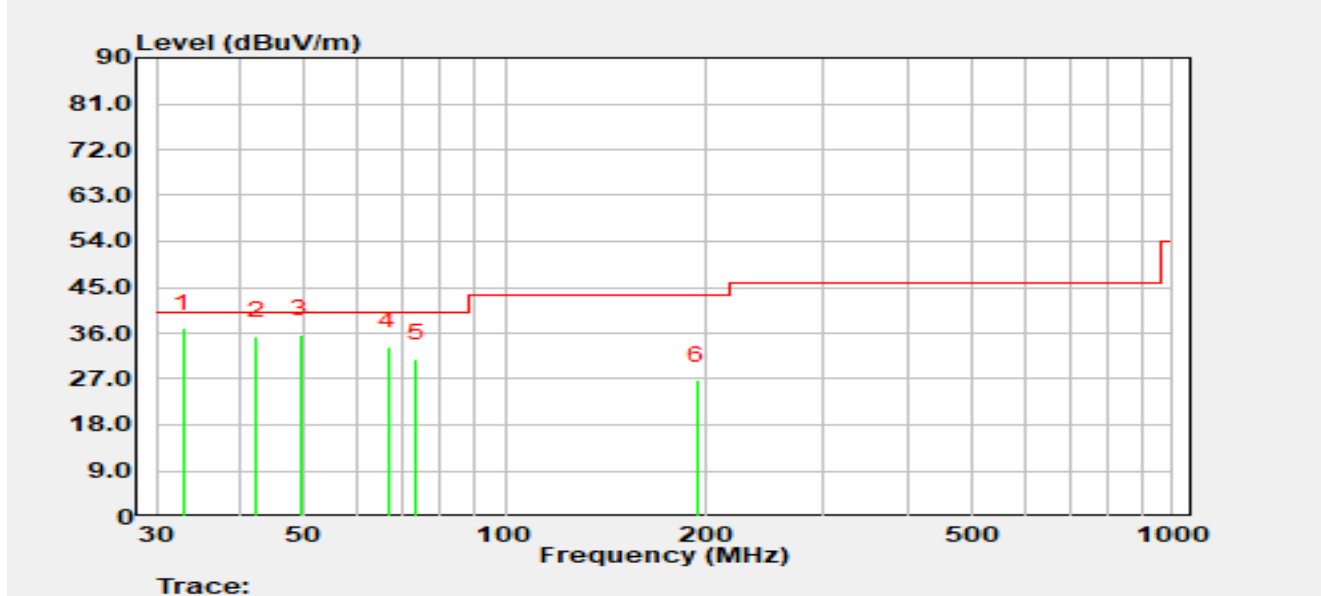


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		164.388	9.20	18.12	27.32	-16.18	43.50	QP
2	*	192.756	20.40	15.49	35.89	-7.61	43.50	QP
3		278.946	19.50	18.58	38.08	-7.92	46.00	QP
4		315.039	16.60	19.52	36.12	-9.88	46.00	QP
5		528.431	9.70	24.85	34.55	-11.45	46.00	QP
6		582.947	5.40	25.67	31.07	-14.93	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-AC1	Test Date	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 3		

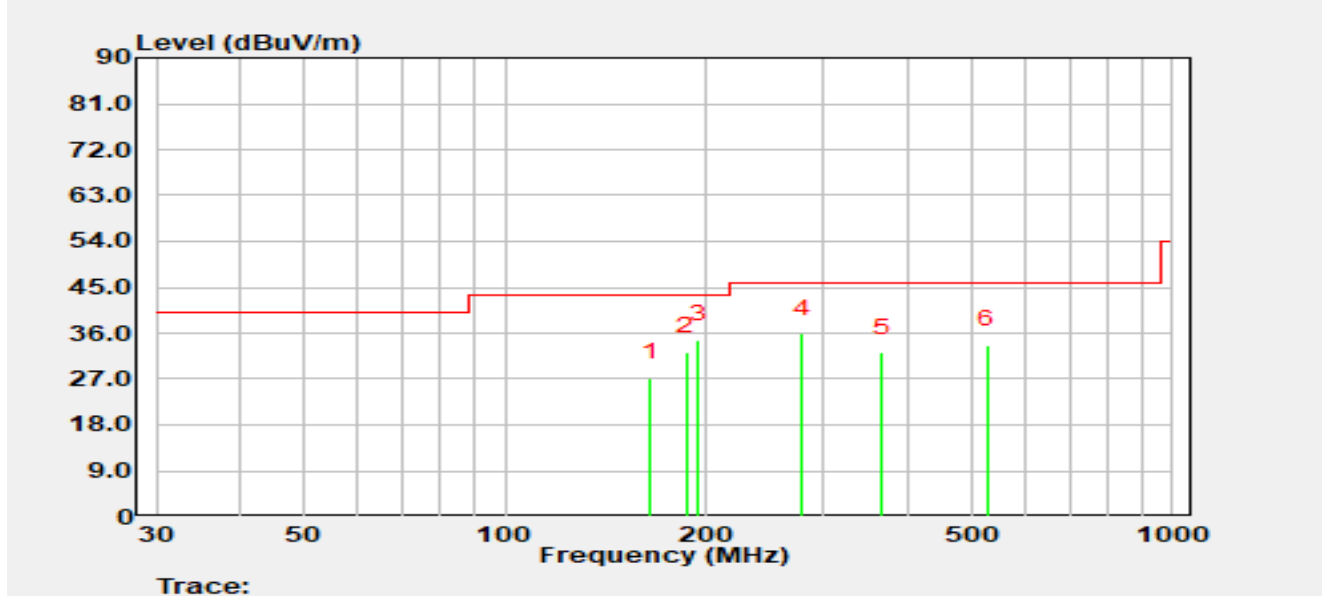


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	32.864	19.80	17.07	36.87	-3.13	40.00	QP
2		42.421	17.50	17.87	35.37	-4.63	40.00	QP
3		49.359	17.60	18.22	35.82	-4.18	40.00	QP
4		66.897	16.80	16.63	33.43	-6.57	40.00	QP
5		73.514	15.70	15.29	30.99	-9.01	40.00	QP
6		193.501	11.40	15.42	26.82	-16.68	43.50	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	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 4		

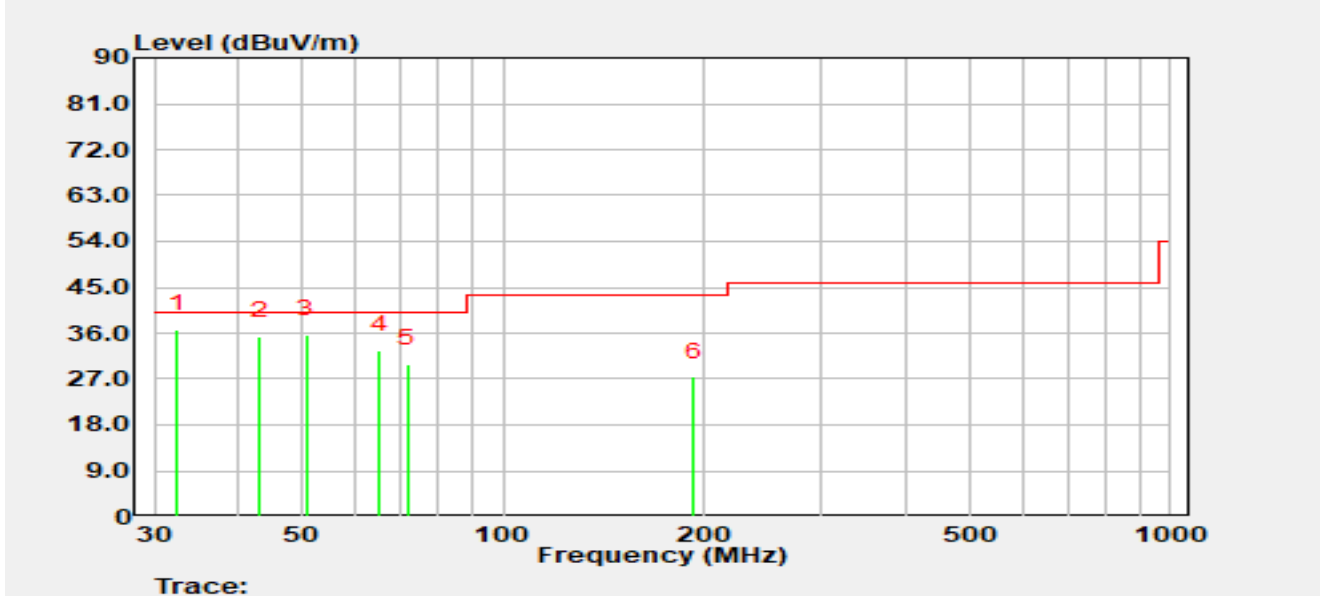


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		165.371	9.20	18.03	27.23	-16.27	43.50	QP
2		186.965	16.20	16.08	32.28	-11.22	43.50	QP
3	*	194.795	19.40	15.30	34.70	-8.80	43.50	QP
4		279.239	17.40	18.60	36.00	-10.00	46.00	QP
5		366.823	11.60	20.66	32.26	-13.74	46.00	QP
6		527.690	8.90	24.85	33.75	-12.25	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-AC1	Test Date	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 4		

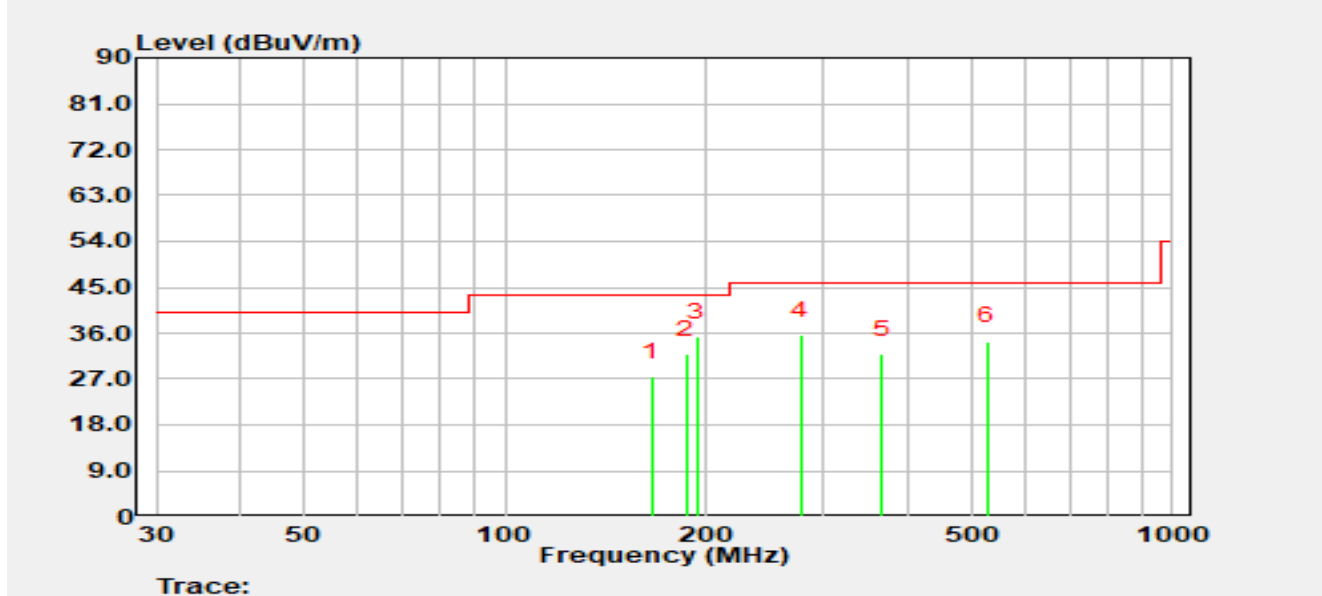


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	32.429	19.70	17.06	36.76	-3.24	40.00	QP
2		43.081	17.50	17.91	35.41	-4.59	40.00	QP
3		50.639	17.60	18.23	35.83	-4.17	40.00	QP
4		65.274	15.80	16.93	32.73	-7.27	40.00	QP
5		71.832	14.40	15.63	30.03	-9.97	40.00	QP
6		193.162	12.00	15.45	27.45	-16.05	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-AC1	Test Date	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 5		

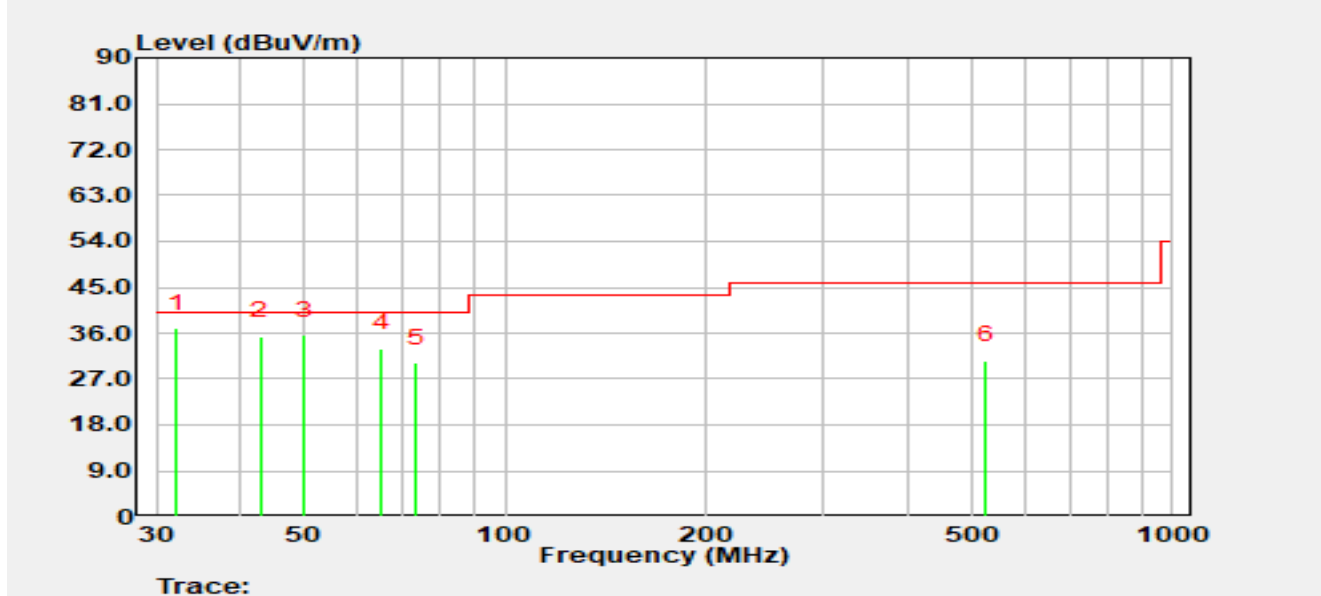


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		165.719	9.50	18.00	27.50	-16.00	43.50	QP
2		187.096	15.70	16.07	31.77	-11.73	43.50	QP
3	*	193.637	19.90	15.41	35.31	-8.19	43.50	QP
4		277.580	17.10	18.51	35.61	-10.39	46.00	QP
5		367.080	11.20	20.67	31.87	-14.13	46.00	QP
6		526.397	9.50	24.87	34.37	-11.63	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-AC1	Test Date	2026-04-14
Temperature	19.6 °C	Humidity	67.5%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 5		

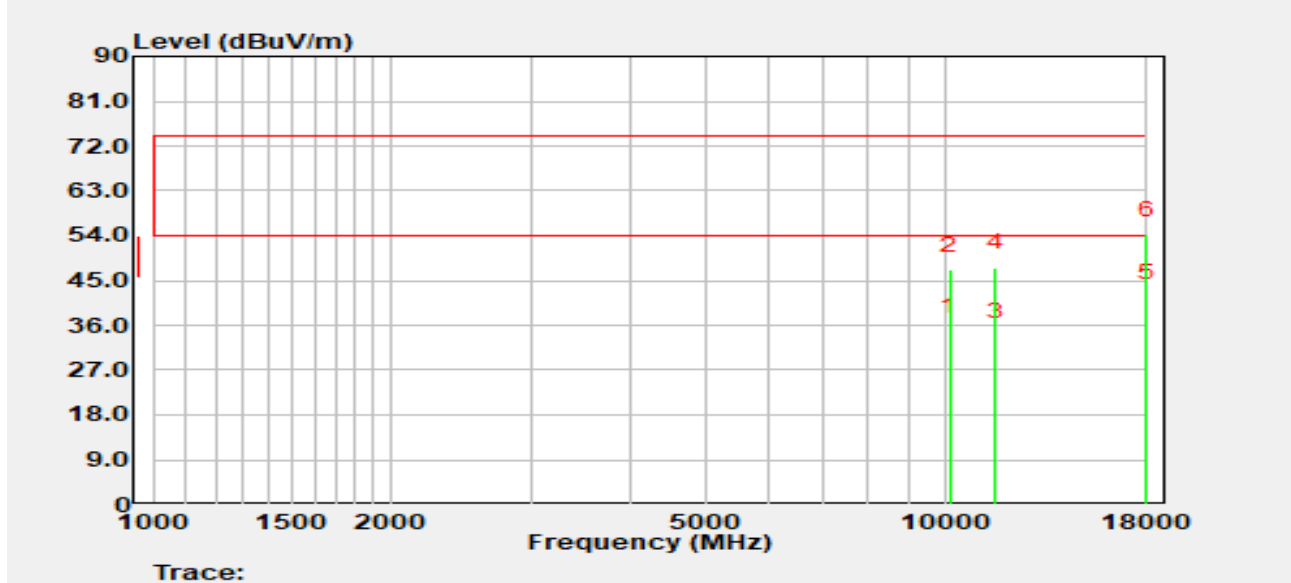


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1	*	32.168	19.80	17.06	36.86	-3.14	40.00	QP
2		43.050	17.50	17.91	35.41	-4.59	40.00	QP
3		50.109	17.30	18.23	35.53	-4.47	40.00	QP
4		65.366	16.20	16.91	33.11	-6.89	40.00	QP
5		73.643	14.80	15.26	30.06	-9.94	40.00	QP
6		525.290	5.80	24.89	30.69	-15.31	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-AC3	Test Date	2026-03-28
Temperature	17.4°C	Humidity	54.3%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

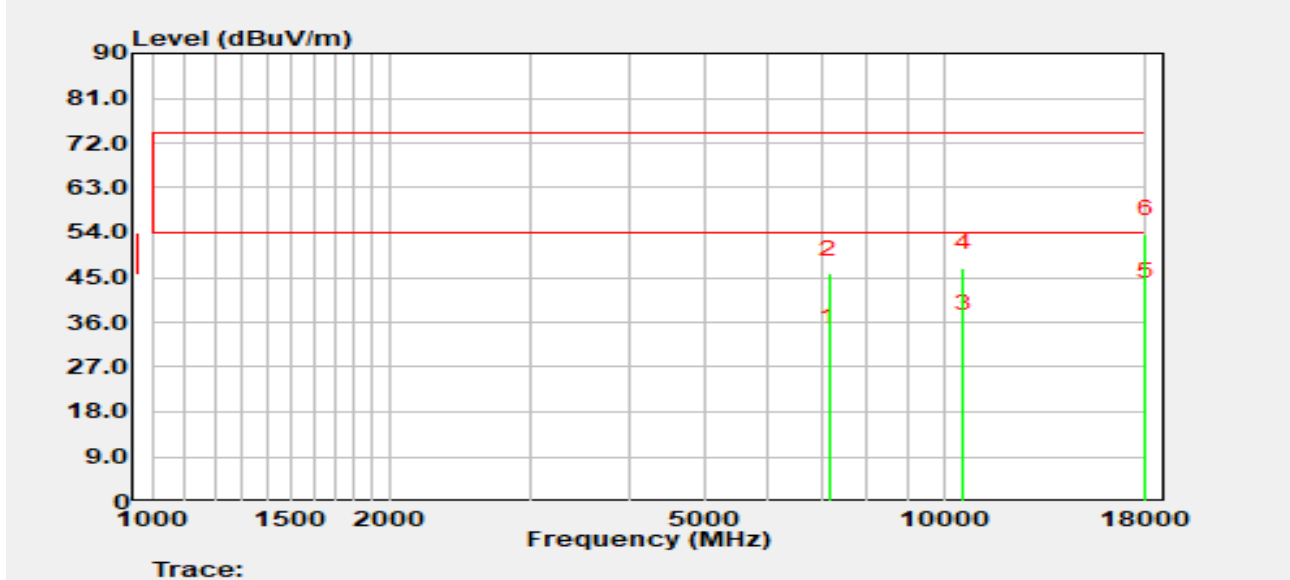


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10161.300	35.30	-0.57	34.73	-19.27	54.00	Average
2		10161.300	47.76	-0.57	47.20	-26.80	74.00	Peak
3		11611.400	34.70	-1.01	33.69	-20.31	54.00	Average
4		11611.400	48.67	-1.01	47.66	-26.34	74.00	Peak
5	*	17981.300	32.10	9.67	41.77	-12.23	54.00	Average
6		17981.300	44.54	9.67	54.20	-19.80	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	SIP-AC3	Test Date	2026-03-28
Temperature	17.4°C	Humidity	54.3%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

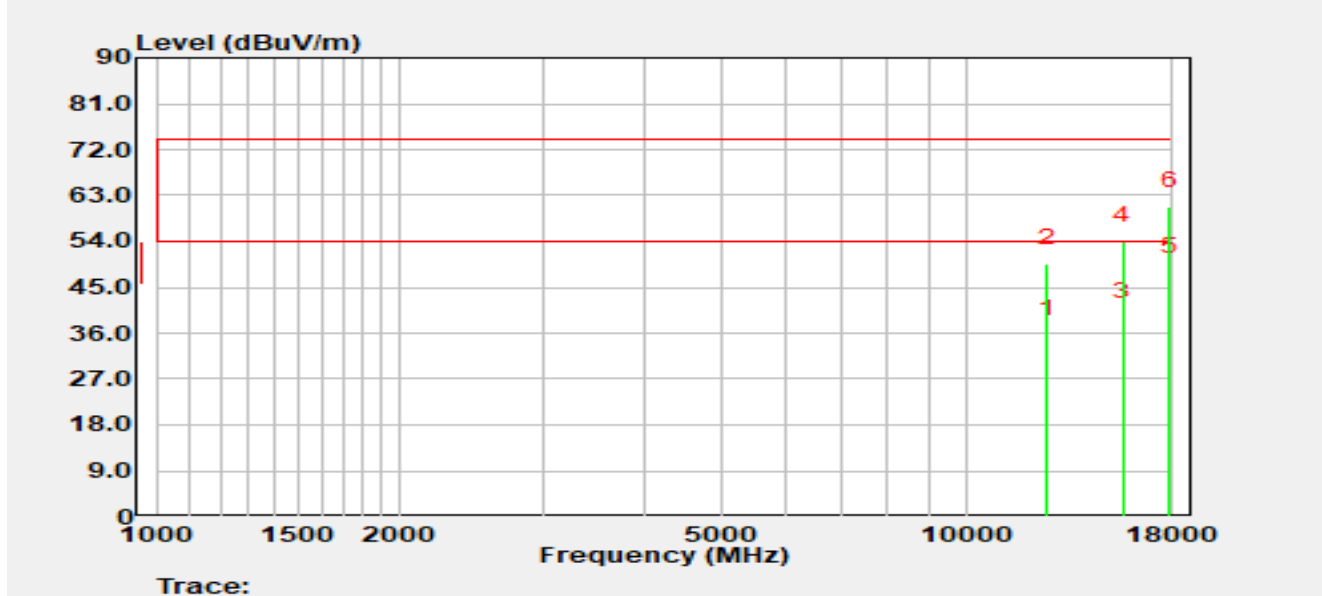


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		7169.300	36.60	-4.49	32.11	-21.89	54.00	Average
2		7169.300	50.28	-4.49	45.78	-28.22	74.00	Peak
3		10567.600	35.30	-0.35	34.95	-19.05	54.00	Average
4		10567.600	47.39	-0.35	47.04	-26.96	74.00	Peak
5	*	17974.500	31.88	9.53	41.41	-12.59	54.00	Average
6		17974.500	44.21	9.53	53.74	-20.26	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-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

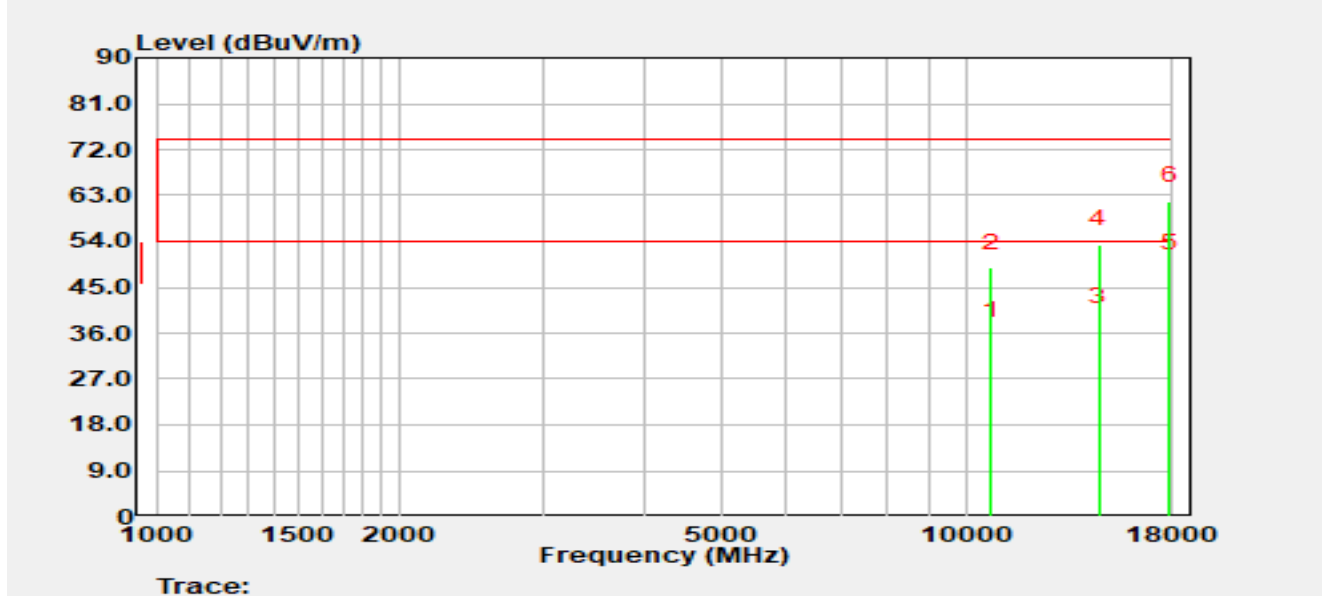


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		12588.900	21.22	14.50	35.72	-18.28	54.00	Average
2		12588.900	35.09	14.50	49.60	-24.40	74.00	Peak
3		15620.000	19.52	19.78	39.30	-14.70	54.00	Average
4		15620.000	34.35	19.78	54.12	-19.88	74.00	Peak
5	*	17828.300	17.19	30.94	48.13	-5.87	54.00	Average
6		17828.300	30.00	30.94	60.94	-13.06	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-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		

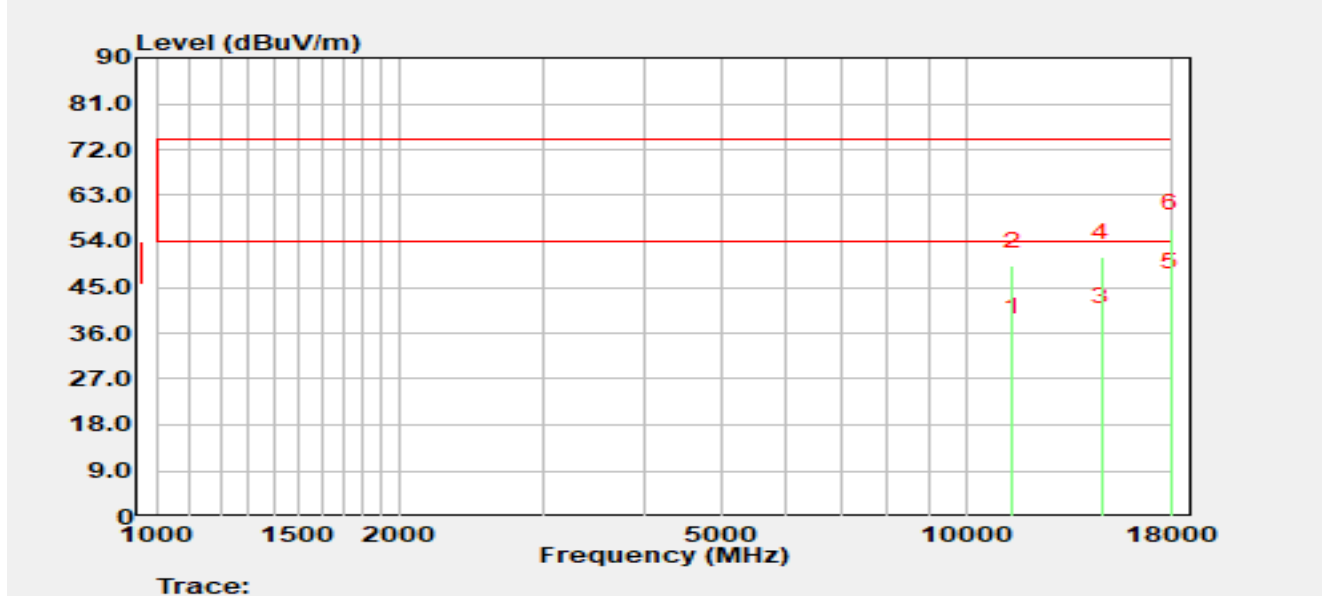


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10729.100	21.32	14.31	35.63	-18.37	54.00	Average
2		10729.100	34.46	14.31	48.77	-25.23	74.00	Peak
3		14608.500	19.75	18.58	38.33	-15.67	54.00	Average
4		14608.500	34.77	18.58	53.35	-20.65	74.00	Peak
5	*	17830.000	17.15	31.53	48.68	-5.32	54.00	Average
6		17830.000	30.34	31.53	61.87	-12.13	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 3		

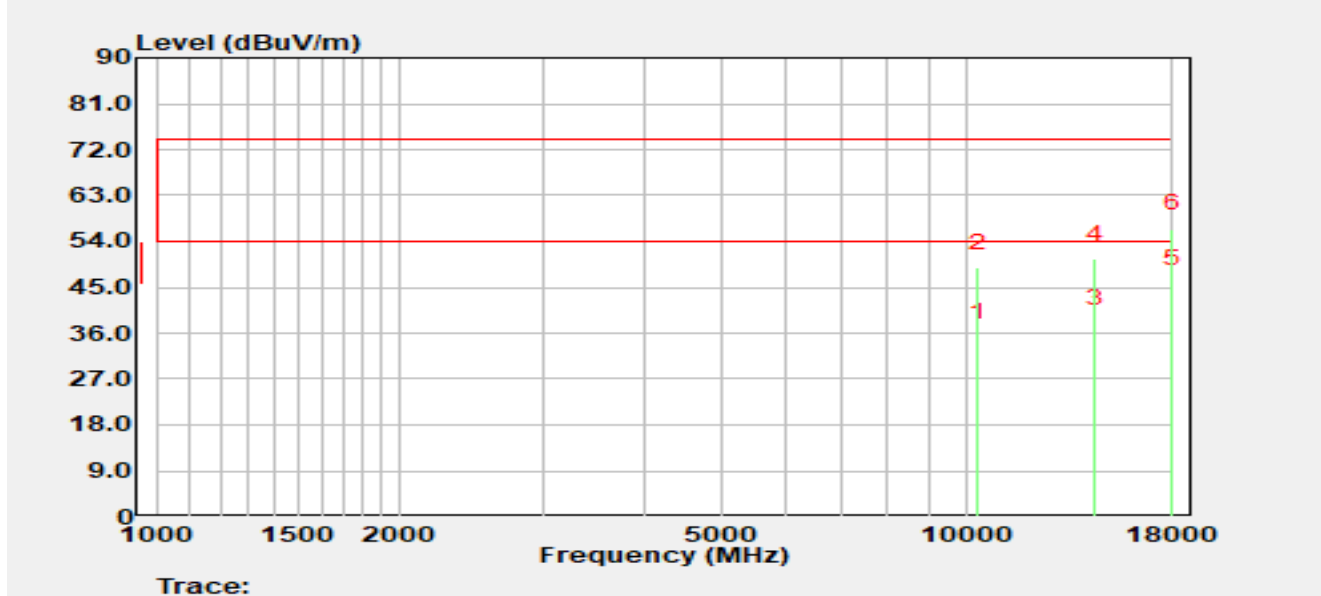


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		11417.600	29.37	6.92	36.29	-17.71	54.00	Average
2		11417.600	42.27	6.92	49.19	-24.81	74.00	Peak
3		14724.100	26.38	11.78	38.16	-15.84	54.00	Average
4		14724.100	39.04	11.78	50.82	-23.18	74.00	Peak
5	*	17918.400	25.46	19.51	44.97	-9.03	54.00	Average
6		17918.400	37.03	19.51	56.54	-17.46	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 3		

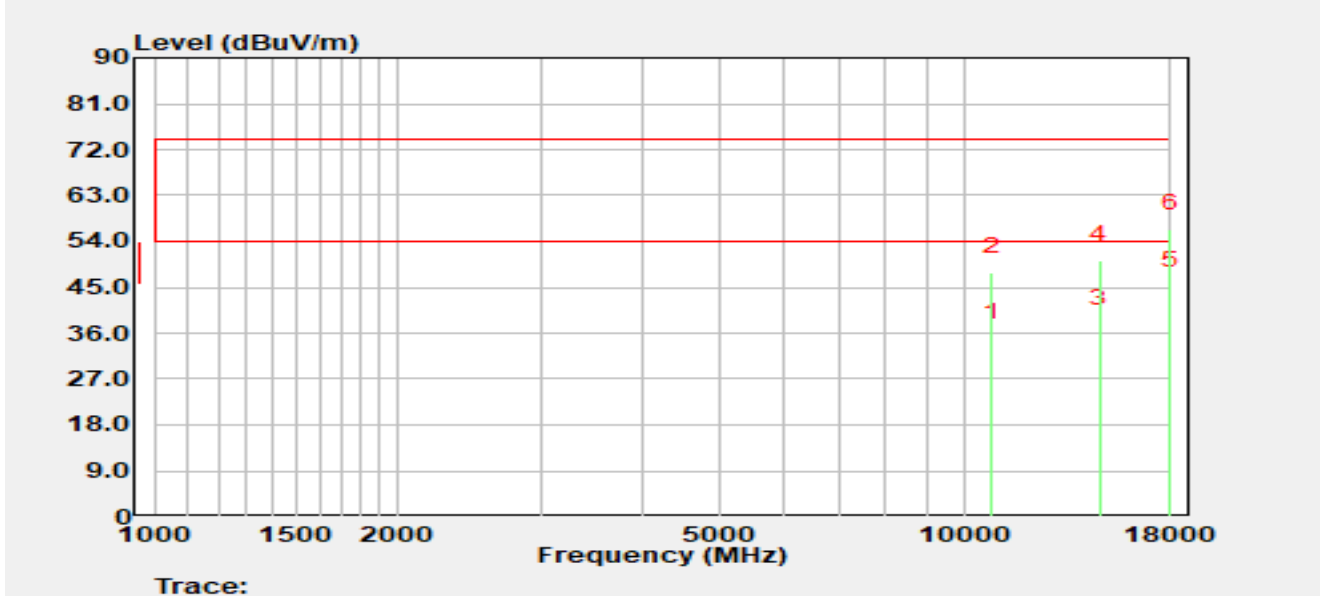


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10339.800	29.63	5.66	35.29	-18.71	54.00	Average
2		10339.800	43.23	5.66	48.89	-25.11	74.00	Peak
3		14455.500	26.75	11.01	37.76	-16.24	54.00	Average
4		14455.500	39.42	11.01	50.44	-23.56	74.00	Peak
5	*	17993.200	25.61	19.90	45.51	-8.49	54.00	Average
6		17993.200	36.48	19.90	56.38	-17.62	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 4		

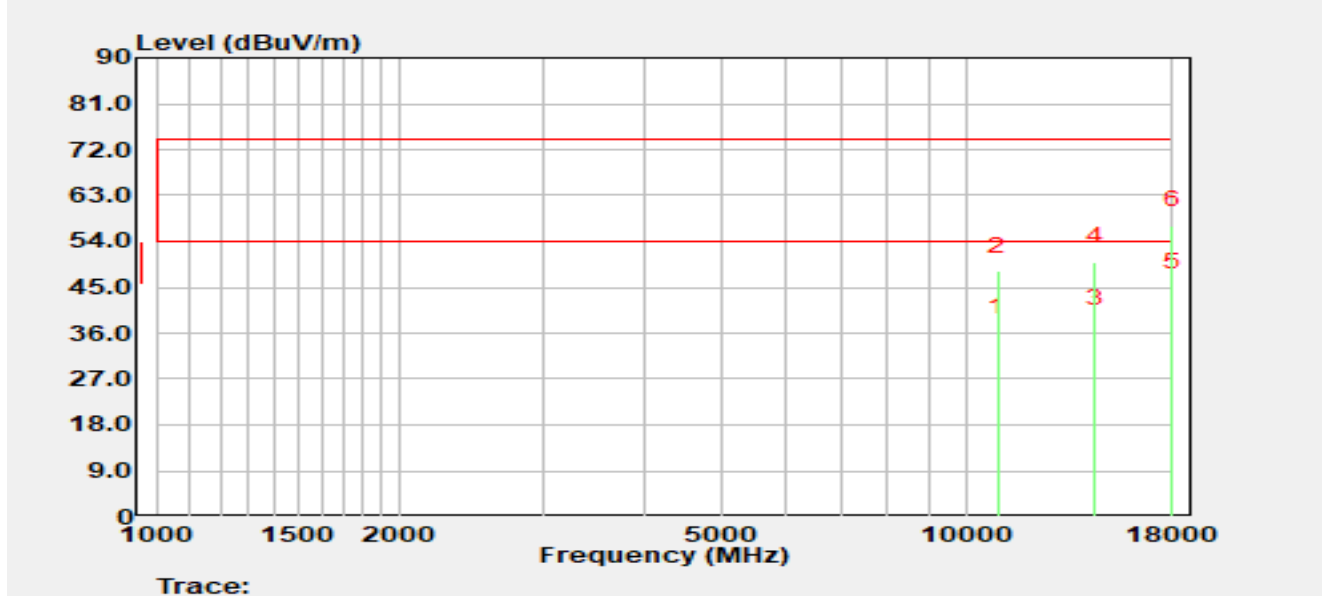


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10822.600	29.22	6.10	35.32	-18.68	54.00	Average
2		10822.600	41.92	6.10	48.02	-25.98	74.00	Peak
3		14703.700	26.41	11.55	37.96	-16.04	54.00	Average
4		14703.700	38.77	11.55	50.32	-23.68	74.00	Peak
5	*	17977.900	25.27	19.95	45.22	-8.78	54.00	Average
6		17977.900	36.58	19.95	56.52	-17.48	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 4		

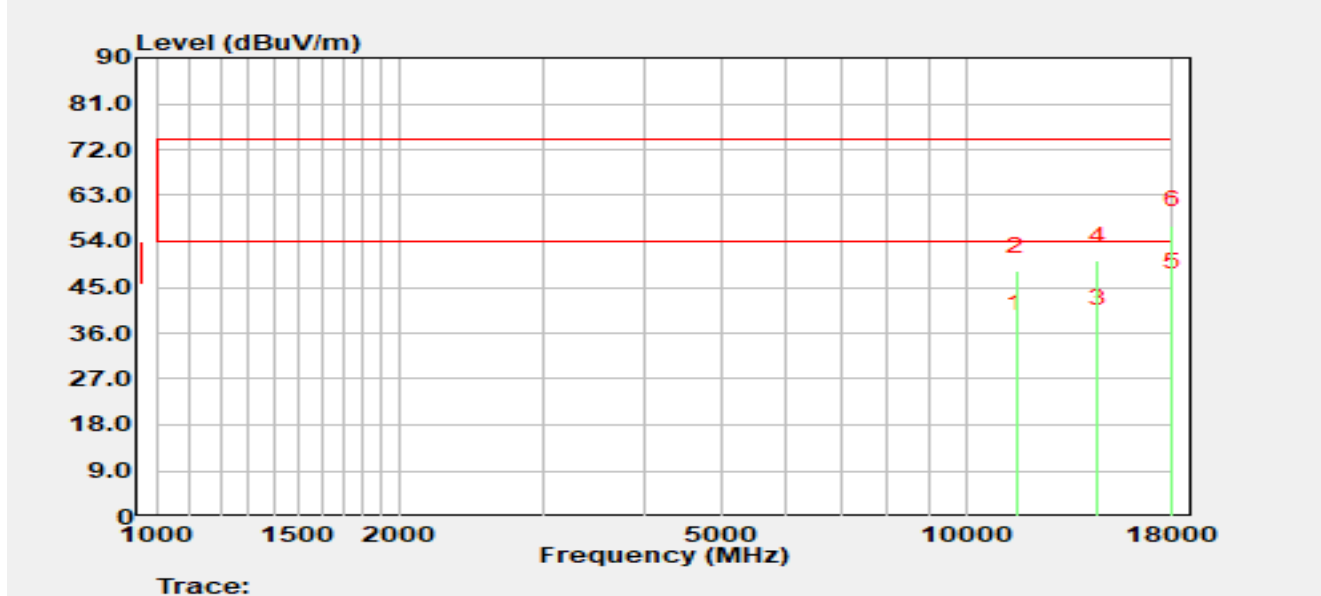


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10960.300	29.56	6.57	36.13	-17.87	54.00	Average
2		10960.300	41.66	6.57	48.22	-25.78	74.00	Peak
3		14448.700	26.45	11.35	37.80	-16.20	54.00	Average
4		14448.700	38.67	11.35	50.02	-23.98	74.00	Peak
5	*	17976.200	25.24	19.83	45.07	-8.93	54.00	Average
6		17976.200	37.38	19.83	57.22	-16.78	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 5		

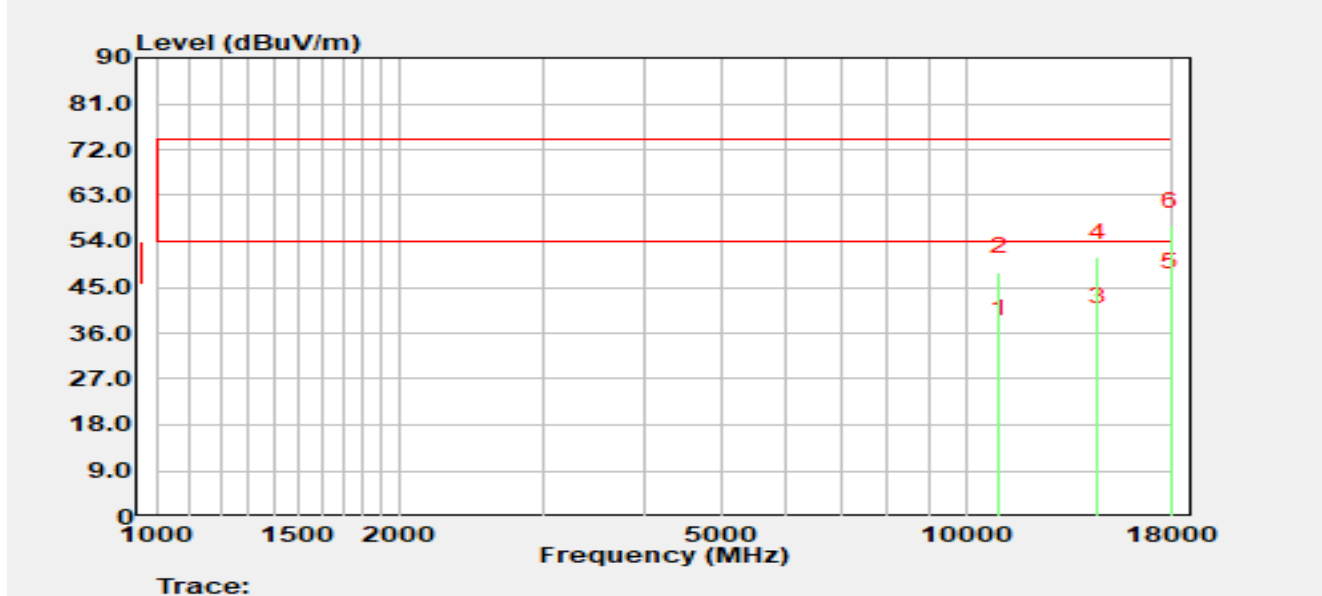


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		11540.000	29.32	7.59	36.91	-17.09	54.00	Average
2		11540.000	40.59	7.59	48.17	-25.83	74.00	Peak
3		14557.500	26.55	11.27	37.82	-16.18	54.00	Average
4		14557.500	38.84	11.27	50.11	-23.89	74.00	Peak
5	*	17977.900	25.19	19.95	45.14	-8.86	54.00	Average
6		17977.900	37.20	19.95	57.14	-16.86	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 5		

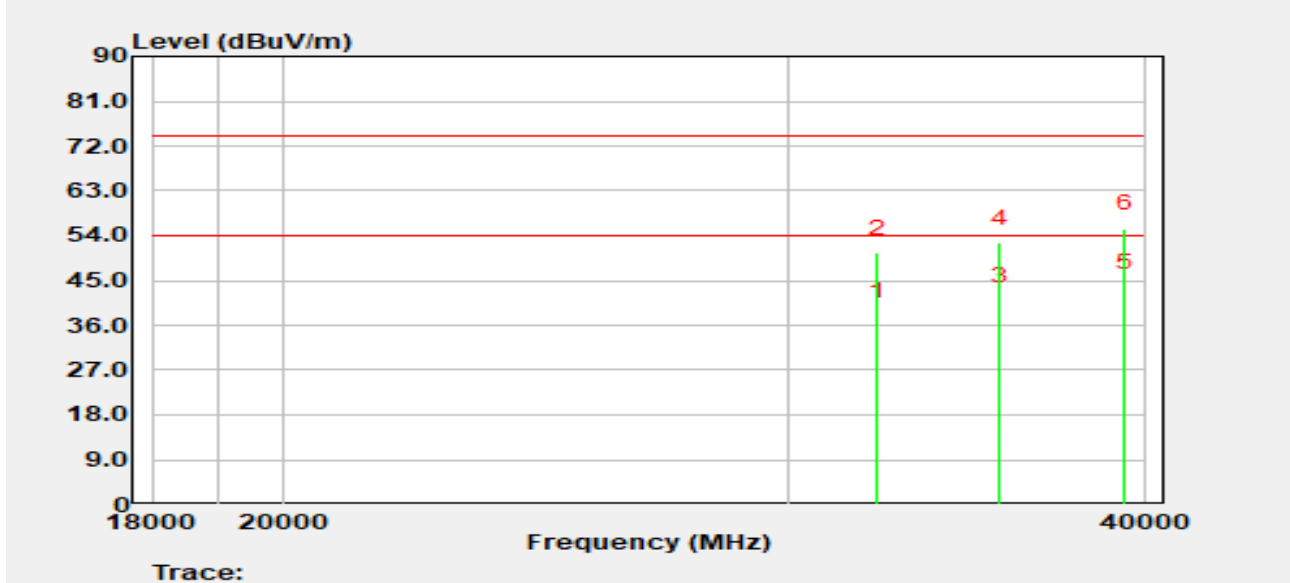


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		10977.300	29.26	6.62	35.88	-18.12	54.00	Average
2		10977.300	41.40	6.62	48.02	-25.98	74.00	Peak
3		14555.800	26.77	11.34	38.11	-15.89	54.00	Average
4		14555.800	39.50	11.34	50.84	-23.16	74.00	Peak
5	*	17925.200	25.39	19.63	45.02	-8.98	54.00	Average
6		17925.200	37.40	19.63	57.04	-16.96	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-AC3	Test Date	2026-03-28
Temperature	17.4°C	Humidity	54.3%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Horizontal
Test Mode	Mode 1		

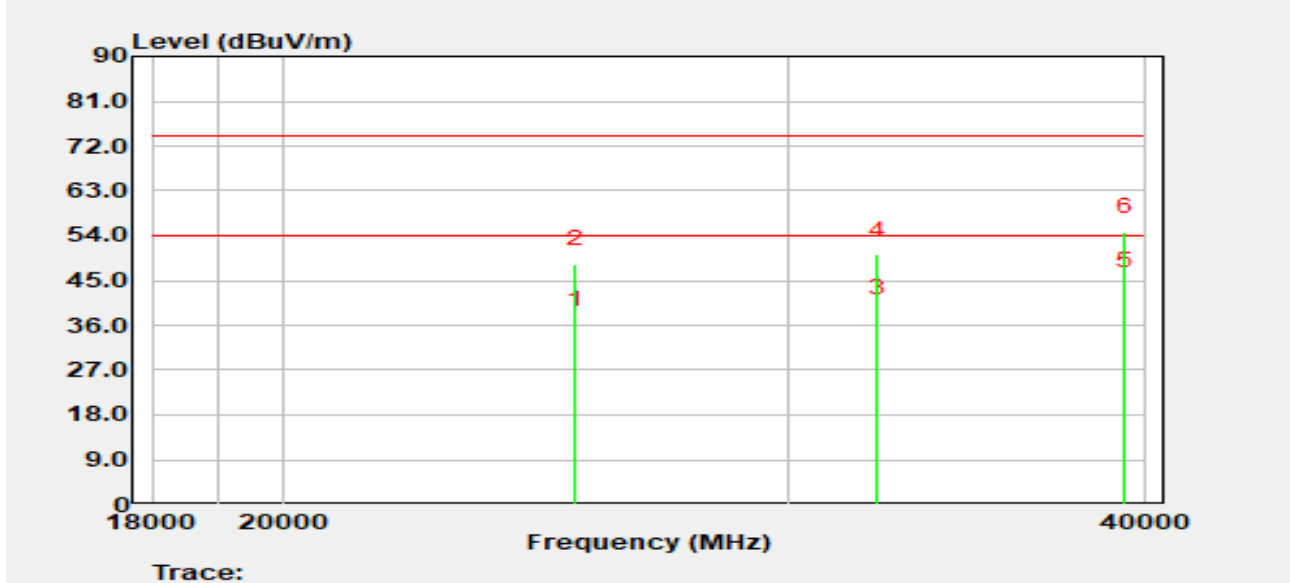


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		32240.600	45.55	-7.81	37.74	-16.26	54.00	Average
2		32240.600	58.27	-7.81	50.46	-23.54	74.00	Peak
3		35556.000	46.08	-5.20	40.88	-13.12	54.00	Average
4		35556.000	57.72	-5.20	52.52	-21.48	74.00	Peak
5	*	39309.200	42.10	1.39	43.49	-10.51	54.00	Average
6		39309.200	54.12	1.39	55.50	-18.50	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-AC3	Test Date	2026-03-28
Temperature	17.4°C	Humidity	54.3%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Fusco Pan
Test Voltage	By PoE	Polarity	Vertical
Test Mode	Mode 1		

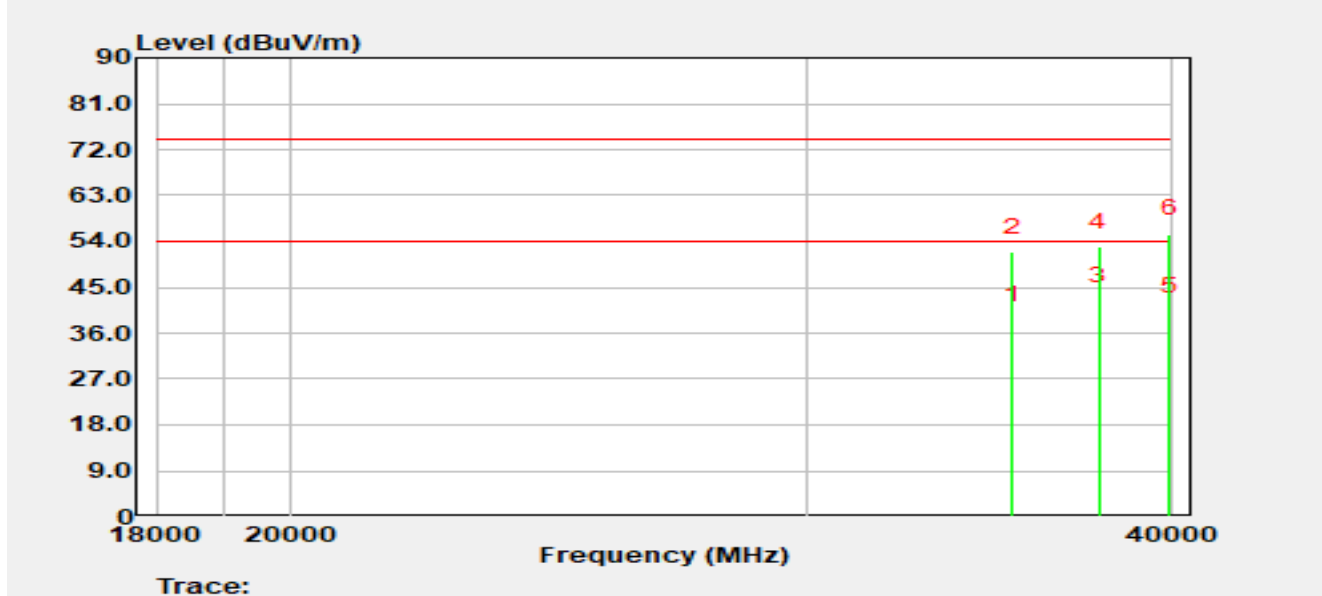


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		25297.400	43.80	-7.67	36.13	-17.87	54.00	Average
2		25297.400	56.04	-7.67	48.37	-25.63	74.00	Peak
3		32242.800	46.60	-7.93	38.67	-15.33	54.00	Average
4		32242.800	58.20	-7.93	50.26	-23.74	74.00	Peak
5	*	39309.200	42.50	1.39	43.89	-10.11	54.00	Average
6		39309.200	53.34	1.39	54.72	-19.28	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	SIP-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 2		

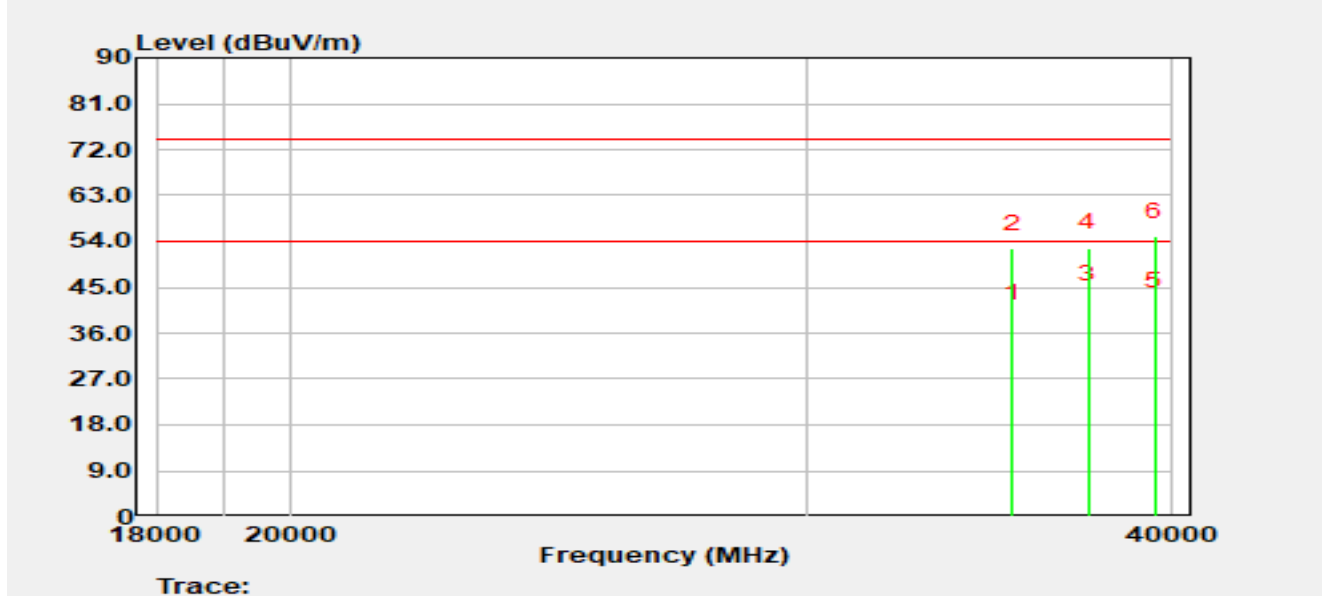


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		35276.600	44.62	-6.14	38.48	-15.52	54.00	Average
2		35276.600	58.03	-6.14	51.90	-22.10	74.00	Peak
3	*	37758.200	45.54	-3.11	42.43	-11.57	54.00	Average
4		37758.200	56.04	-3.11	52.93	-21.07	74.00	Peak
5		39892.200	40.32	0.02	40.34	-13.66	54.00	Average
6		39892.200	55.36	0.02	55.38	-18.62	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-AC1	Test Date	2026-03-31
Temperature	19.1 °C	Humidity	62.7%
Limit	FCC_Part 15.109_RE(3m)_Class B	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 2		

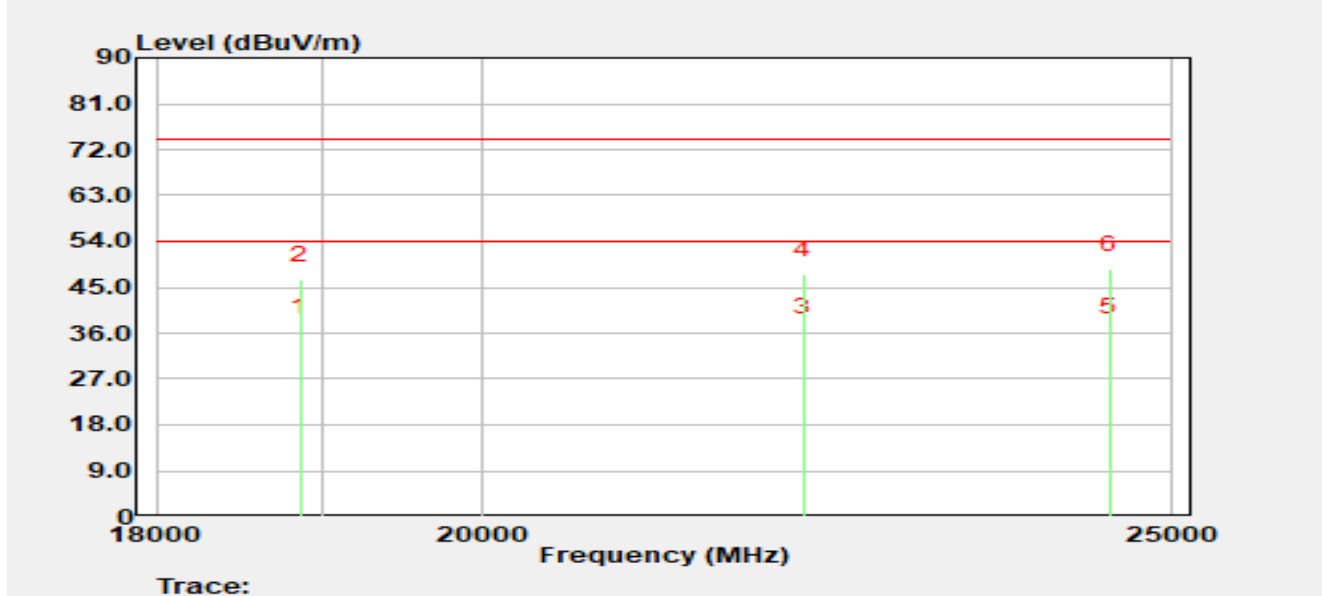


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		35270.000	44.75	-5.80	38.95	-15.05	54.00	Average
2		35270.000	58.43	-5.80	52.63	-21.37	74.00	Peak
3	*	37426.000	45.22	-2.51	42.71	-11.29	54.00	Average
4		37426.000	55.28	-2.51	52.77	-21.23	74.00	Peak
5		39461.000	40.12	1.18	41.30	-12.70	54.00	Average
6		39461.000	53.75	1.18	54.93	-19.07	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 3		

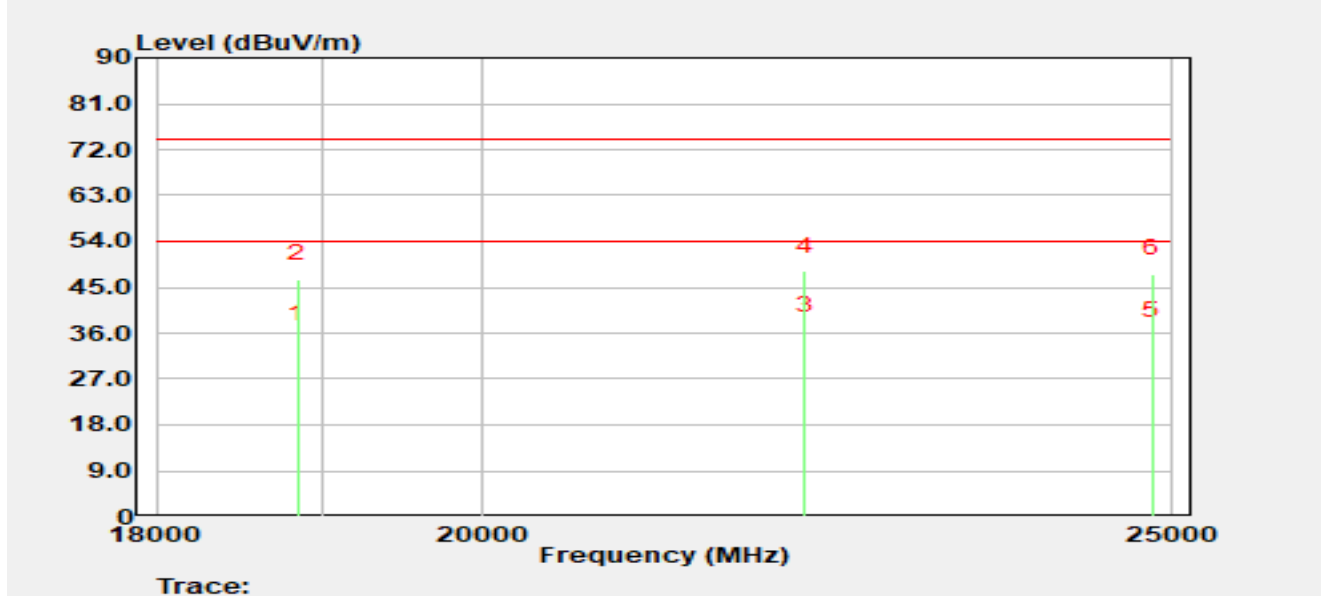


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		18854.700	45.85	-9.85	36.00	-18.00	54.00	Average
2		18854.700	56.35	-9.85	46.50	-27.50	74.00	Peak
3	*	22193.000	43.71	-7.42	36.29	-17.71	54.00	Average
4		22193.000	54.88	-7.42	47.46	-26.54	74.00	Peak
5		24493.900	43.35	-7.16	36.19	-17.81	54.00	Average
6		24493.900	55.57	-7.16	48.41	-25.59	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 3		

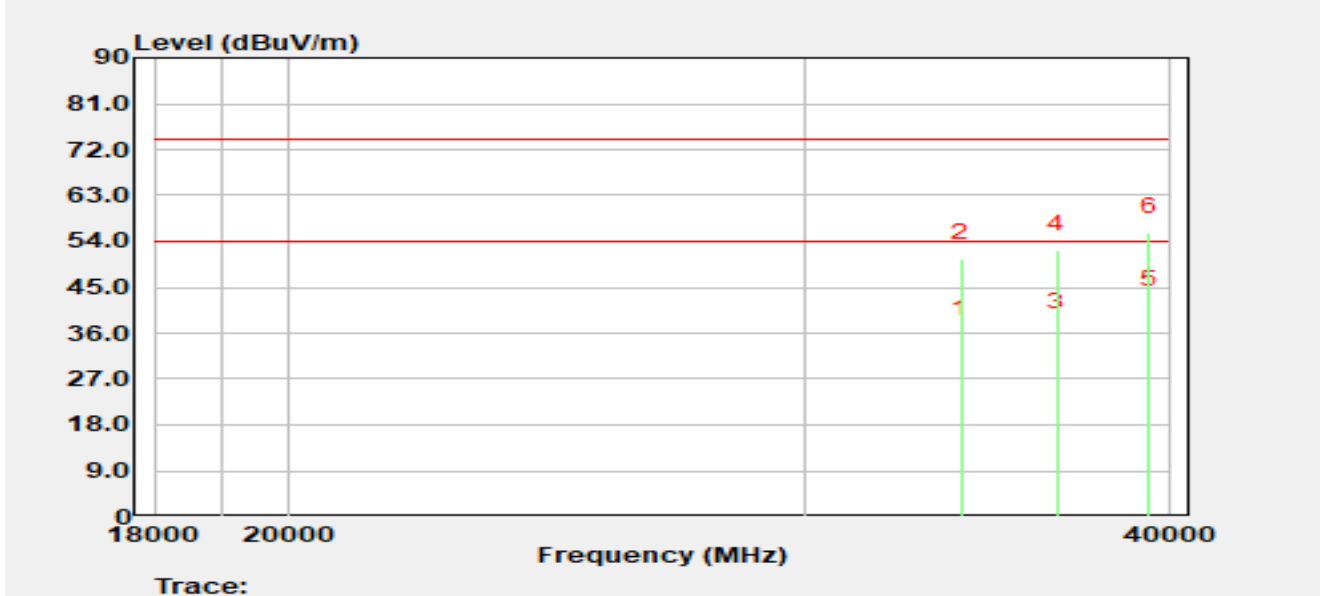


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		18843.500	45.14	-10.33	34.81	-19.19	54.00	Average
2		18843.500	56.94	-10.33	46.61	-27.39	74.00	Peak
3	*	22195.800	43.76	-7.32	36.44	-17.56	54.00	Average
4		22195.800	55.53	-7.32	48.21	-25.79	74.00	Peak
5		24834.800	43.56	-8.01	35.55	-18.45	54.00	Average
6		24834.800	55.58	-8.01	47.58	-26.42	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 4		

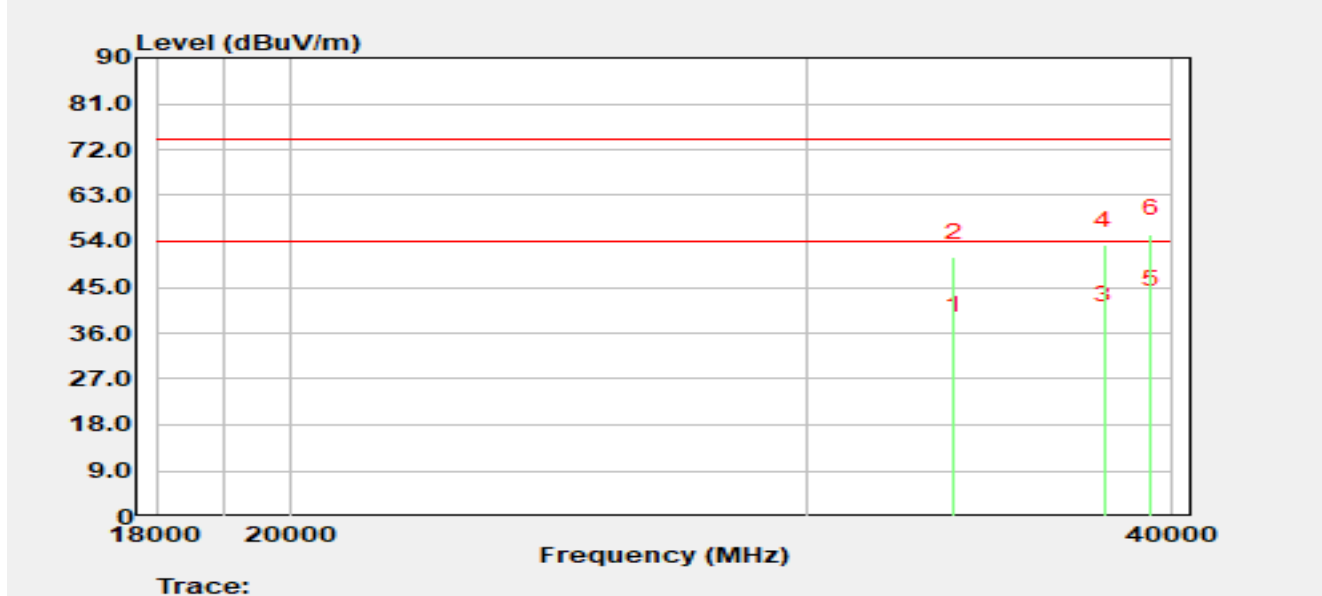


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		33919.200	44.25	-8.51	35.74	-18.26	54.00	Average
2		33919.200	59.24	-8.51	50.73	-23.27	74.00	Peak
3		36570.200	42.36	-5.14	37.22	-16.78	54.00	Average
4		36570.200	57.59	-5.14	52.46	-21.54	74.00	Peak
5	*	39313.600	40.15	1.47	41.62	-12.38	54.00	Average
6		39313.600	54.36	1.47	55.83	-18.17	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 4		

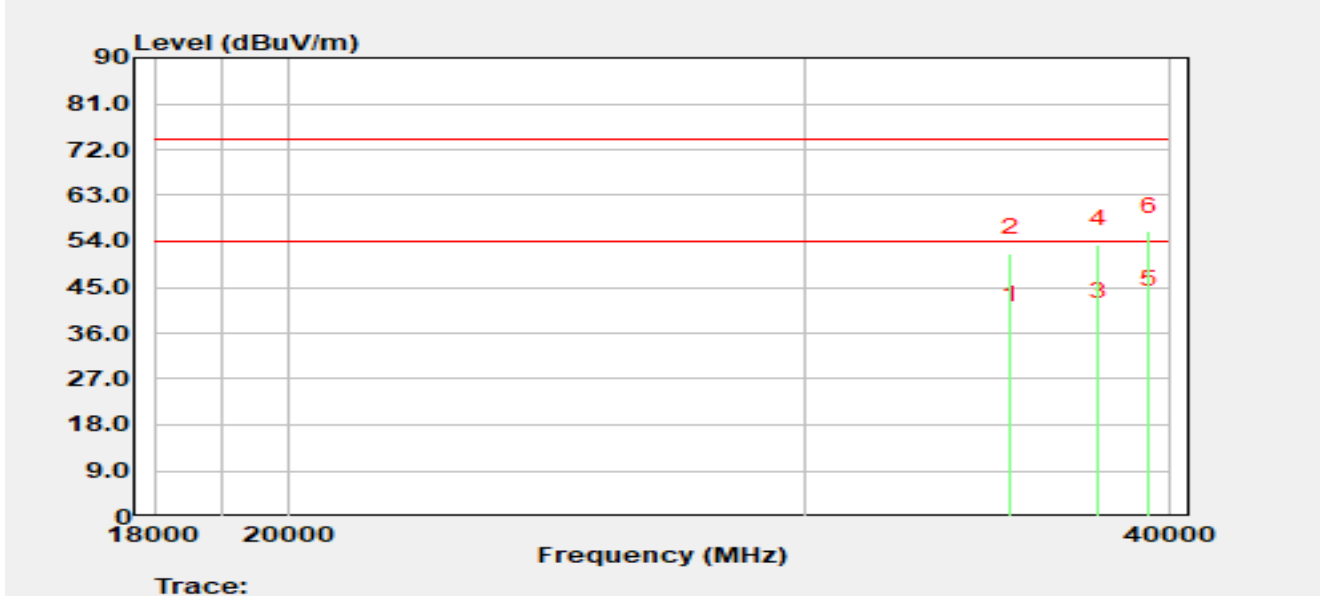


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		33675.000	44.39	-7.98	36.41	-17.59	54.00	Average
2		33675.000	58.86	-7.98	50.88	-23.12	74.00	Peak
3		37894.600	40.75	-2.20	38.55	-15.45	54.00	Average
4		37894.600	55.37	-2.20	53.17	-20.83	74.00	Peak
5	*	39320.200	40.22	1.48	41.70	-12.30	54.00	Average
6		39320.200	53.92	1.48	55.39	-18.61	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Horizontal
Test Mode	Mode 5		

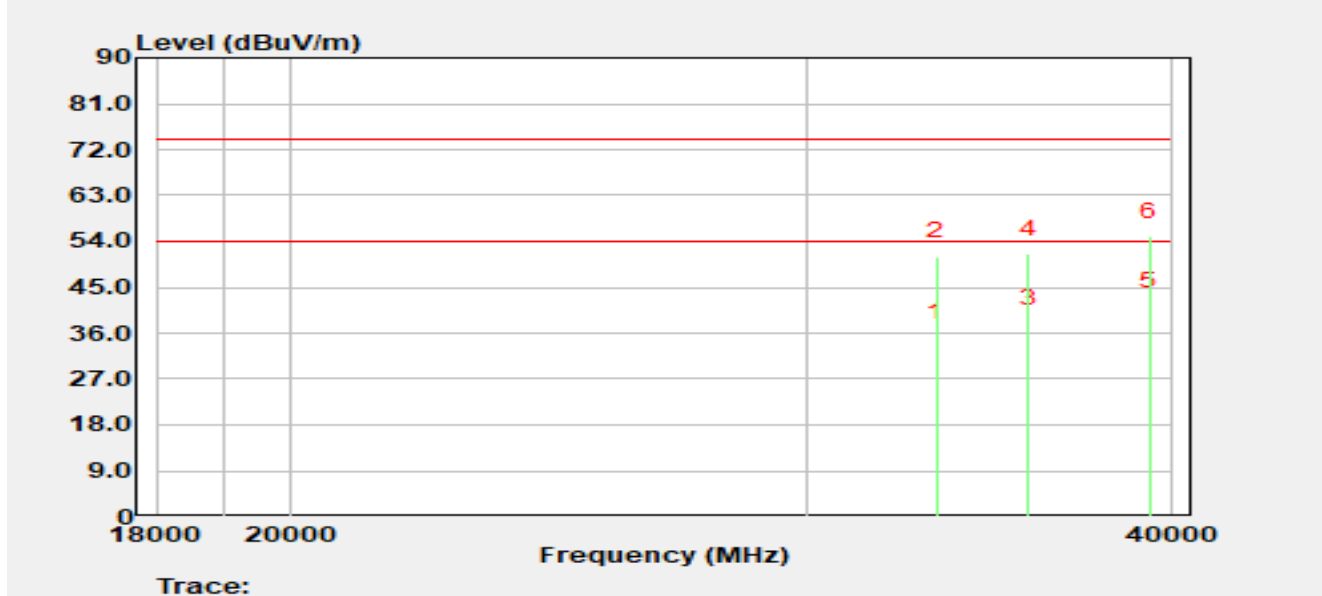


No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		35259.000	44.45	-5.94	38.51	-15.49	54.00	Average
2		35259.000	57.60	-5.94	51.66	-22.34	74.00	Peak
3		37782.400	42.26	-2.98	39.28	-14.72	54.00	Average
4		37782.400	56.35	-2.98	53.37	-20.63	74.00	Peak
5	*	39318.000	40.13	1.55	41.68	-12.32	54.00	Average
6		39318.000	54.40	1.55	55.95	-18.05	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	2026-04-15
Temperature	21.5 °C	Humidity	64.7%
Limit	RSS_Gen_RE	Test Engineer	Mero Zhou
Test Voltage	AC 120 V/60 Hz	Polarity	Vertical
Test Mode	Mode 5		



No	Mark	Frequency (MHz)	Reading (dBμV)	C.F (dB/m)	Measurement (dBμV/m)	Margin (dB)	Limit (dBμV/m)	Detector
1		33219.600	44.29	-9.05	35.24	-18.76	54.00	Average
2		33219.600	60.14	-9.05	51.09	-22.91	74.00	Peak
3		35710.000	43.26	-5.49	37.77	-16.23	54.00	Average
4		35710.000	57.10	-5.49	51.61	-22.39	74.00	Peak
5	*	39298.200	40.11	1.18	41.29	-12.71	54.00	Average
6		39298.200	53.83	1.18	55.01	-18.99	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 "R25S1061112-UT" file.

Appendix B - EUT Photograph

Refer to "R25S1061112-UE" file.

The End