

TEST REPORT

Applicant Name: Grandstream Networks, Inc.
Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA
Report Number: 2501V36841E-EM-00
FCC ID: YZZGWN7806PHR

Test Standard (s)

FCC Part 15, Subpart B (Class A)

Sample Description

Product Type: Enterprise Layer 2+ + Managed Switch
Model No.: GWN7806PH Pro
Multiple Model(s) No.: N/A
Trade Mark: GRANDSTREAM
Date Received: 2025/07/10
Issue Date: 2025/10/27

Test Result:	Pass▲
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▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

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Carl Lu
EMC Engineer

Approved By:

Moon Liu

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EMC Supervisor

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2501V36841E-EM-00	Original Report	2025/10/27

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	Enterprise Layer 2++ Managed Switch
Tested Model	GWN7806PH Pro
Multiple Model(s)	N/A
Voltage Range	AC 100-240 50/60Hz or DC 54V from DC port
Highest operating frequency [#]	1000MHz
Equipment Class	Class A
Sample number	Sample1(G1331-800WAA):36CX-1 Sample2(BOF-850S55):36CX-2 (Assigned by BACL, Shenzhen)
Sample/EUT Status	Good condition
Adapter Information	N/A

Objective

This test report is in accordance with Part 2-Subpart J, Part 15B Subparts A and B of the Federal Communication Commissions rules.

The objective of the manufacturer is to determine the compliance of the EUT with FCC Part 15B.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.4-2014, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the range of 9 kHz to 40 GHz.

All emissions measurement was performed at Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters. Each test item follows test standards and with no deviation.

Measurement Uncertainty

Item	Frequency Range		Expanded Measurement uncertainty
Conducted Emissions	AC Mains	150 kHz ~30MHz	3.66dB(k=2, 95% level of confidence)
Radiated Disturbance	30MHz~200MHz	Horizontal	5.32dB(k=2, 95% level of confidence)
	30MHz~200MHz	Vertical	5.43dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Horizontal	5.77dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Vertical	5.73dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	5.34dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	5.40dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	5.64dB(k=2, 95% level of confidence)

Note: The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval. Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 5F(B-West) , 6F, 7F, the 3rd Phase of Wan Li Industrial Building D, Shihua Rd, FuTian Free Trade Zone, Shenzhen, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 715558, the FCC Designation No. : CN5045.

Each test item follows test standards and with no deviation.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in worst case condition.

Test Mode1: Data transmitting+ Full load +Sample1

Test Mode2: Data transmitting+ Full load +Sample2

Test Mode3: Data transmitting+ Full load +Sample1+ Adapter (PA-1301-66C3)

Note:1.Connect the POE port to a POE load to make the POE reach its maximum power, and then short-circuit them in pairs. Leave two network ports connected to computers, and short-circuit the remaining ports in pairs to enter storm mode for testing.

2. Sample1and sample2 are identical except for their built-in power supplies, and sample1 powered by G1331-800WAA, sample 2 powered by BOF-850S55.

EUT exercise software

No exercise software was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
Grandstream	POE load	N/A	N/A
DELL	PC1	Latitude E6520	DL0ZCS1
DELL	PC2	Latitude E5570	GNDLK C2
LITEON	Adapter	PA-1301-66C3	N/A
TP-Link	Fiber module*6	N/A	N/A

External I/O Cable

Cable Description	Length (m)	From/Port	To
Unshielded detachable AC cable	1.2	EUT	Mains
Unshielded detachable AC cable	1.2	EUT	LISN
Unshielded detachable AC cable	1.2	Mains	Adapter
Unshielded detachable AC cable	1.2	LISN	Adapter
Unshielded detachable DC cable	1.8	Adapter	EUT
Unshielded detachable RJ45 cable*24	1.0	EUT	POE load
Unshielded detachable Fiber cable*3	1.0	Fiber module	Fiber module
Unshielded detachable RJ45 cable*12	0.1	POE load	POE load
Unshielded detachable RJ45 cable*11	0.1	EUT	EUT
Unshielded detachable RJ45 cable	10.0	EUT	PC1
Unshielded detachable RJ45 cable	10.0	EUT	PC2
Unshielded detachable DC cable	1.5	EUT	GND

Test Mode1&2



Test Mode1&2



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§15.107	AC Line Conducted Emissions	Compliant
§15.109	Radiated Emissions	Compliant

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
AC Line Conducted Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	101120	2024/12/04	2025/12/03
Rohde & Schwarz	LISN	ENV216	101613	2024/12/04	2025/12/03
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2025/04/29	2026/04/28
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2025/04/29	2026/04/28
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2024/12/04	2025/12/03
Sonoma instrument	Pre-amplifier	310 N	186238	2025/04/29	2026/04/28
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber A Cable 1	N/A	2025/04/29	2026/04/28
Unknown	Cable	XH500C	J-10M-A	2025/04/29	2026/04/28
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2025/03/26	2026/03/25
A.H.System	Preamplifier	PAM-0118P	489	2024/11/15	2025/11/14
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2023/07/26	2026/07/25
Unknown	RF Cable	KMSE	735	2024/12/06	2025/12/05
Unknown	RF Cable	UFA147	219661	2024/12/06	2025/12/05
Audix	EMI Test software	E3	191218(V9)	NCR	NCR

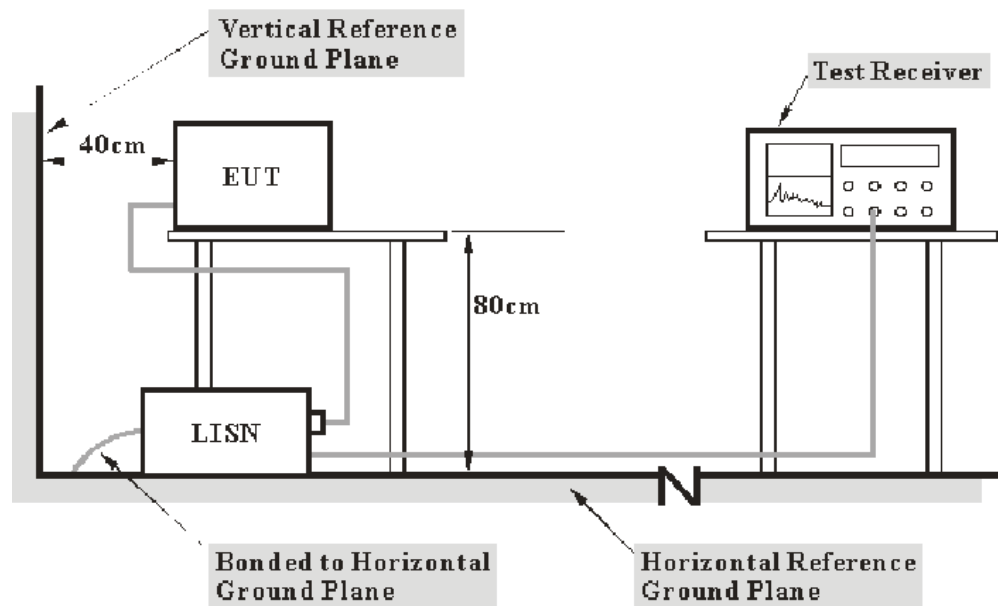
*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

FCC §15.107 - AC LINE CONDUCTED EMISSIONS

Applicable Standard

According to FCC §15.107

EUT Setup



- Note: 1. Support units were connected to second LISN.
 2. Both of LISNs (AMN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

The measurement procedure of EUT setup is according with ANSI C63.4-2014. The related limit was specified in FCC Part 15.107.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver Setup

The EMI test receiver was set to investigate the spectrum from 150 kHz to 30 MHz.

During the conducted emission test, the EMI test receiver was set with the following configurations:

Frequency Range	RBW
150 kHz – 30 MHz	9 kHz

Test Procedure

Maximizing procedure was performed on the six (6) highest emissions of the EUT.

All final data was recorded in the Quasi-peak and average detection mode.

Level & Over Limit Calculation

The Level is calculated by adding the LISN Factor, Cable Loss and the Read Level. The basic equation is as follows:

$$\text{Level (dBuV)} = \text{Read Level (dBuV)} + \text{LISN Factor} + \text{Cable Loss}$$

The “**Over limit**” column of the following data tables indicates the degree of compliance with the applicable limit.

$$\text{Over Limit (dB)} = \text{Level (dBuV)} - \text{Limit Line (dBuV)}$$

Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Test Data

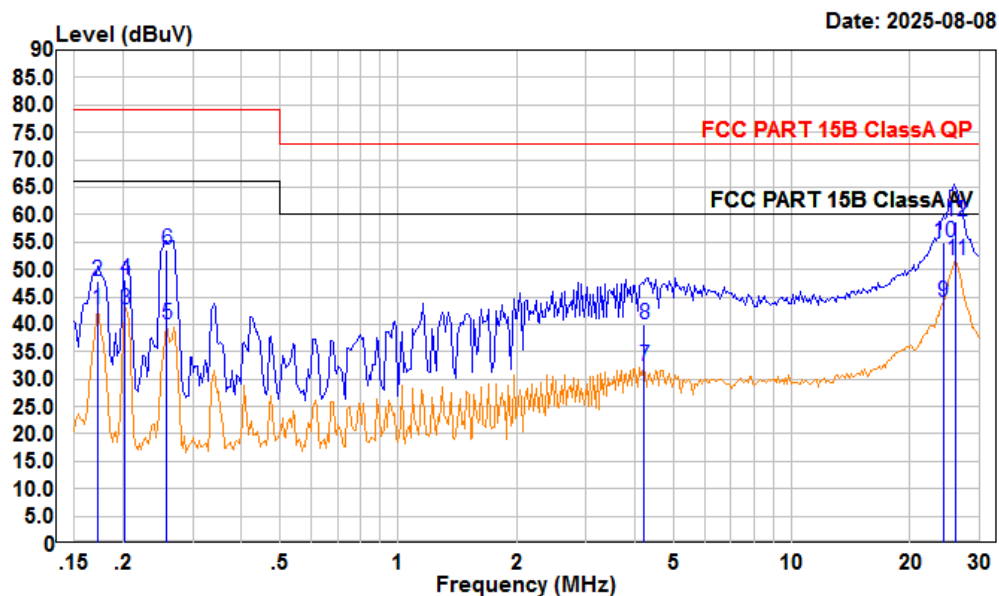
Environmental Conditions

Temperature:	25.2~27.1 °C
Relative Humidity:	62~64%
ATM Pressure:	100.2~100.6 kPa

The testing was performed by Macy Shi on 2025-08-08 and 2025-09-28.

Test Model

AC 120V/60 Hz, Line



Trace: 1

Condition: Line

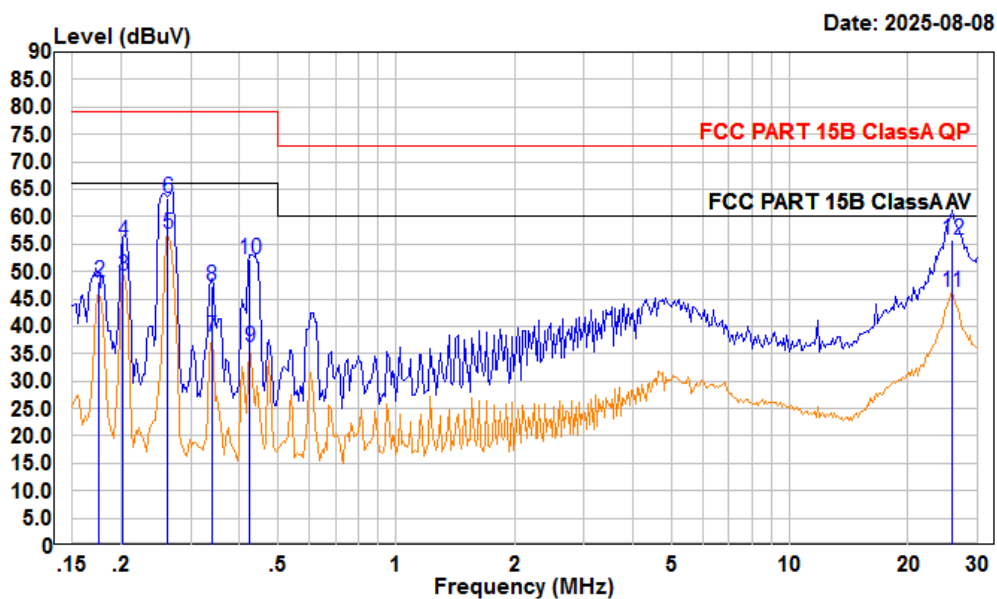
Project : 2501V36841E-EM

test Mode: Model

tester : Macy.shi Setting: RBW: 9kHz

	Read	LISN	Cable	Limit	Over	
Freq	Level	Level	Factor	Loss	Line	Limit Remark
MHz	dBuV	dBuV	dB	dB	dBuV	dB
1	0.172	21.16	42.60	11.25	10.19	66.00 -23.40 Average
2	0.172	26.40	47.84	11.25	10.19	79.00 -31.16 QP
3	0.202	21.22	42.71	11.30	10.19	66.00 -23.29 Average
4	0.202	26.70	48.19	11.30	10.19	79.00 -30.81 QP
5	0.258	18.44	39.86	11.22	10.20	66.00 -26.14 Average
6	0.258	32.20	53.62	11.22	10.20	79.00 -25.38 QP
7	4.224	10.75	32.26	11.26	10.25	60.00 -27.74 Average
8	4.224	18.60	40.11	11.26	10.25	73.00 -32.89 QP
9	24.271	23.18	44.16	10.72	10.26	60.00 -15.84 Average
10	24.271	34.00	54.98	10.72	10.26	73.00 -18.02 QP
11	26.139	30.86	51.70	10.57	10.27	60.00 -8.30 Average
12	26.139	38.00	58.84	10.57	10.27	73.00 -14.16 QP

AC 120V/60 Hz, Neutral



Trace: 1

Condition: Neutral

Project : 2501V36841E-EM

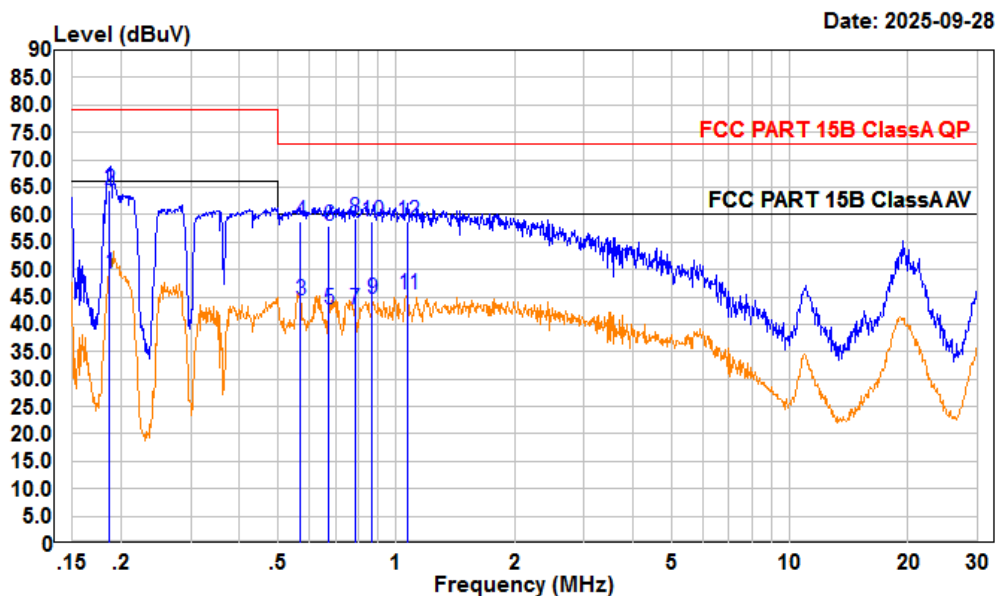
test Mode: Mode1

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.176	25.46	46.04	10.39	10.19	66.00	-19.96	Average
2	0.176	27.50	48.08	10.39	10.19	79.00	-30.92	QP
3	0.202	28.30	49.18	10.69	10.19	66.00	-16.82	Average
4	0.202	34.70	55.58	10.69	10.19	79.00	-23.42	QP
5	0.263	35.99	56.71	10.52	10.20	66.00	-9.29	Average
6	0.263	42.70	63.42	10.52	10.20	79.00	-15.58	QP
7	0.339	17.45	37.98	10.35	10.18	66.00	-28.02	Average
8	0.339	26.71	47.24	10.35	10.18	79.00	-31.76	QP
9	0.424	15.66	36.08	10.21	10.21	66.00	-29.92	Average
10	0.424	31.70	52.12	10.21	10.21	79.00	-26.88	QP
11	25.864	26.48	46.34	9.59	10.27	60.00	-13.66	Average
12	25.864	36.00	55.86	9.59	10.27	73.00	-17.14	QP

Test Mode2

AC 120V/60 Hz, Line



Condition: Line

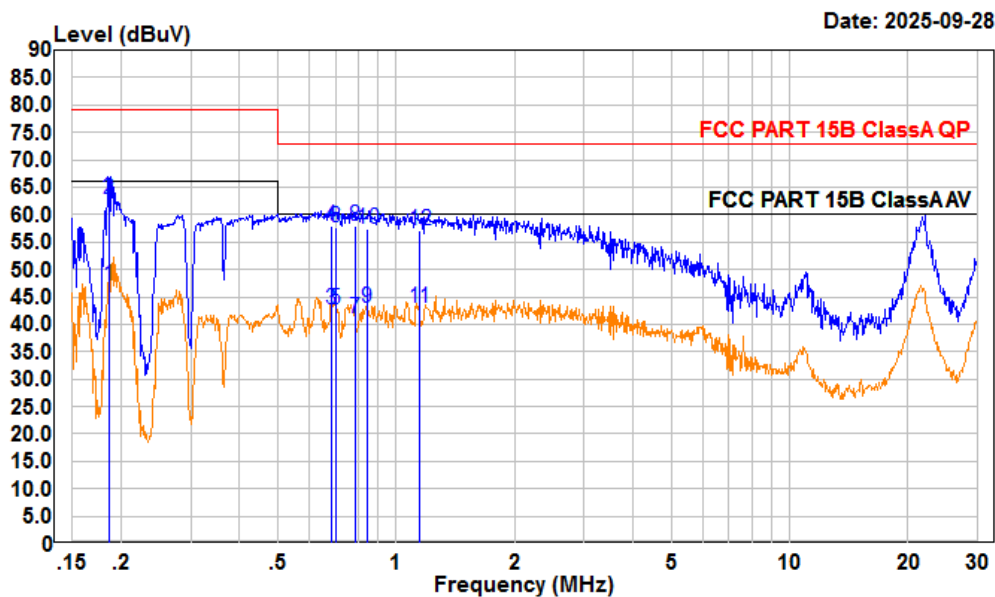
Project : 2501V36841E-EM

test Mode: Mode2

tester : Macy.shi Setting:RBW:9kHz

		Read		LISN	Cable	Limit	Over	
	Freq	Level	Level	Factor	Loss	Line	Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.186	27.73	49.20	11.28	10.19	66.00	-16.80	Average
2	0.186	43.08	64.55	11.28	10.19	79.00	-14.45	QP
3	0.571	22.94	44.20	11.04	10.22	60.00	-15.80	Average
4	0.571	37.40	58.66	11.04	10.22	73.00	-14.34	QP
5	0.675	21.45	42.77	11.09	10.23	60.00	-17.23	Average
6	0.675	36.68	58.00	11.09	10.23	73.00	-15.00	QP
7	0.786	21.41	42.77	11.13	10.23	60.00	-17.23	Average
8	0.786	37.85	59.21	11.13	10.23	73.00	-13.79	QP
9	0.869	23.13	44.51	11.16	10.22	60.00	-15.49	Average
10	0.869	37.32	58.70	11.16	10.22	73.00	-14.30	QP
11	1.070	24.10	45.52	11.20	10.22	60.00	-14.48	Average
12	1.070	37.43	58.85	11.20	10.22	73.00	-14.15	QP

AC 120V/60 Hz, Neutral



Condition: neutral

Project : 2501V36841E-EM

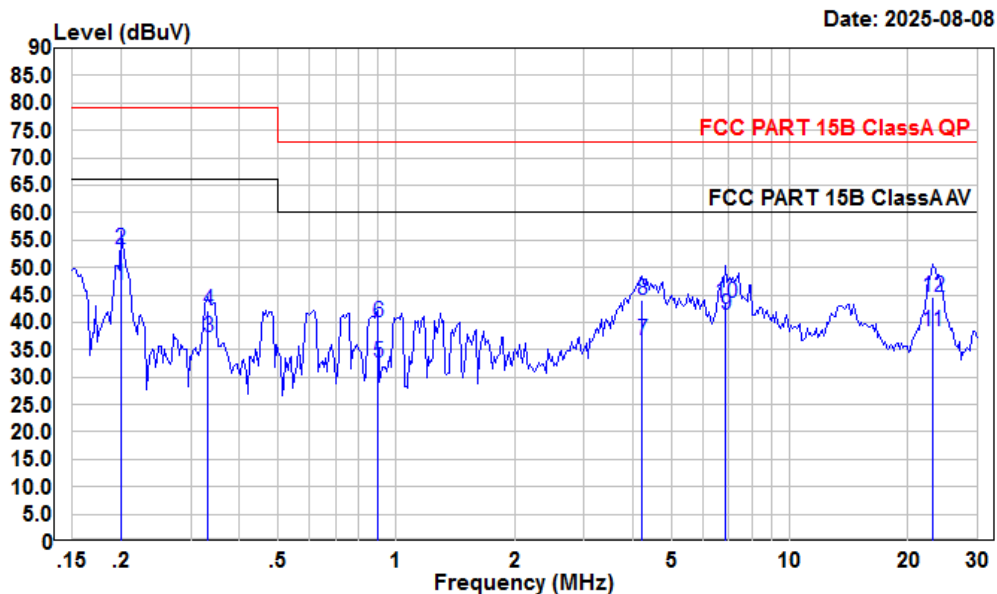
test Mode: Mode2

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	LISN Level	Cable Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.186	26.45	47.16	10.52	10.19	66.00	-18.84	Average
2	0.186	42.14	62.85	10.52	10.19	79.00	-16.15	QP
3	0.682	22.09	42.79	10.47	10.23	60.00	-17.21	Average
4	0.682	37.18	57.88	10.47	10.23	73.00	-15.12	QP
5	0.701	21.92	42.65	10.50	10.23	60.00	-17.35	Average
6	0.701	37.01	57.74	10.50	10.23	73.00	-15.26	QP
7	0.786	20.40	41.00	10.37	10.23	60.00	-19.00	Average
8	0.786	37.42	58.02	10.37	10.23	73.00	-14.98	QP
9	0.842	22.40	42.92	10.29	10.23	60.00	-17.08	Average
10	0.842	36.95	57.47	10.29	10.23	73.00	-15.53	QP
11	1.141	22.75	43.06	10.12	10.19	60.00	-16.94	Average
12	1.141	36.88	57.19	10.12	10.19	73.00	-15.81	QP

Test Mode3

AC 120V/60 Hz, Line



Condition: Line

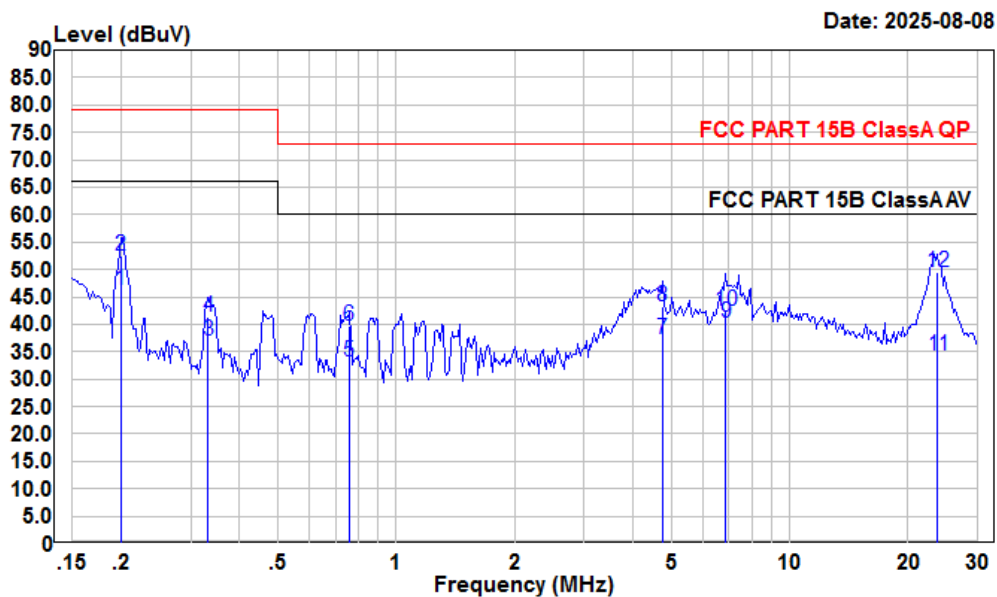
Project : 2501V36841E-EM

test Mode: Mode3

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	LISN Level	Cable Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.200	25.34	46.83	11.30	10.19	66.00	-19.17	Average
2	0.200	31.92	53.41	11.30	10.19	79.00	-25.59	QP
3	0.332	15.88	37.19	11.13	10.18	66.00	-28.81	Average
4	0.332	20.75	42.06	11.13	10.18	79.00	-36.94	QP
5	0.899	11.14	32.53	11.17	10.22	60.00	-27.47	Average
6	0.899	18.49	39.88	11.17	10.22	73.00	-33.12	QP
7	4.224	15.24	36.75	11.26	10.25	60.00	-23.25	Average
8	4.224	22.64	44.15	11.26	10.25	73.00	-28.85	QP
9	6.878	20.11	41.25	10.91	10.23	60.00	-18.75	Average
10	6.878	22.41	43.55	10.91	10.23	73.00	-29.45	QP
11	23.018	17.32	38.40	10.82	10.26	60.00	-21.60	Average
12	23.018	23.63	44.71	10.82	10.26	73.00	-28.29	QP

AC 120V/60 Hz, Neutral



Condition: Neutral

Project : 2501V36841E-EM

test Mode: Mode3

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	LISN Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.200	25.36	46.25	10.70	10.19	66.00	-19.75	Average
2	0.200	31.57	52.46	10.70	10.19	79.00	-26.54	QP
3	0.332	16.32	36.87	10.37	10.18	66.00	-29.13	Average
4	0.332	20.90	41.45	10.37	10.18	79.00	-37.55	QP
5	0.759	12.50	33.14	10.41	10.23	60.00	-26.86	Average
6	0.759	19.20	39.84	10.41	10.23	73.00	-33.16	QP
7	4.746	16.60	37.15	10.28	10.27	60.00	-22.85	Average
8	4.746	22.63	43.18	10.28	10.27	73.00	-29.82	QP
9	6.878	20.11	40.35	10.01	10.23	60.00	-19.65	Average
10	6.878	22.31	42.55	10.01	10.23	73.00	-30.45	QP
11	23.752	14.30	34.32	9.76	10.26	60.00	-25.68	Average
12	23.752	29.40	49.42	9.76	10.26	73.00	-23.58	QP

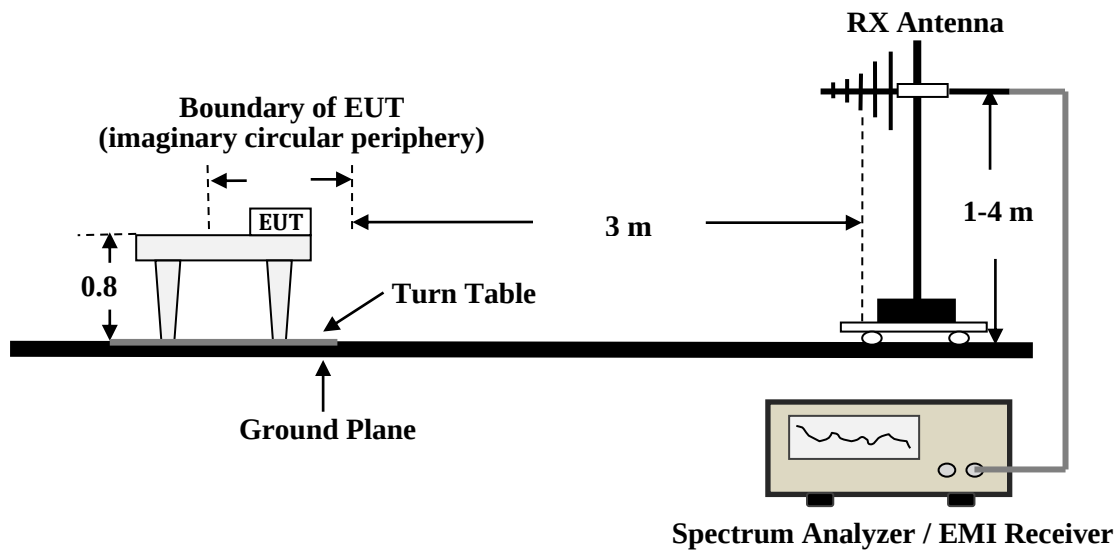
FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

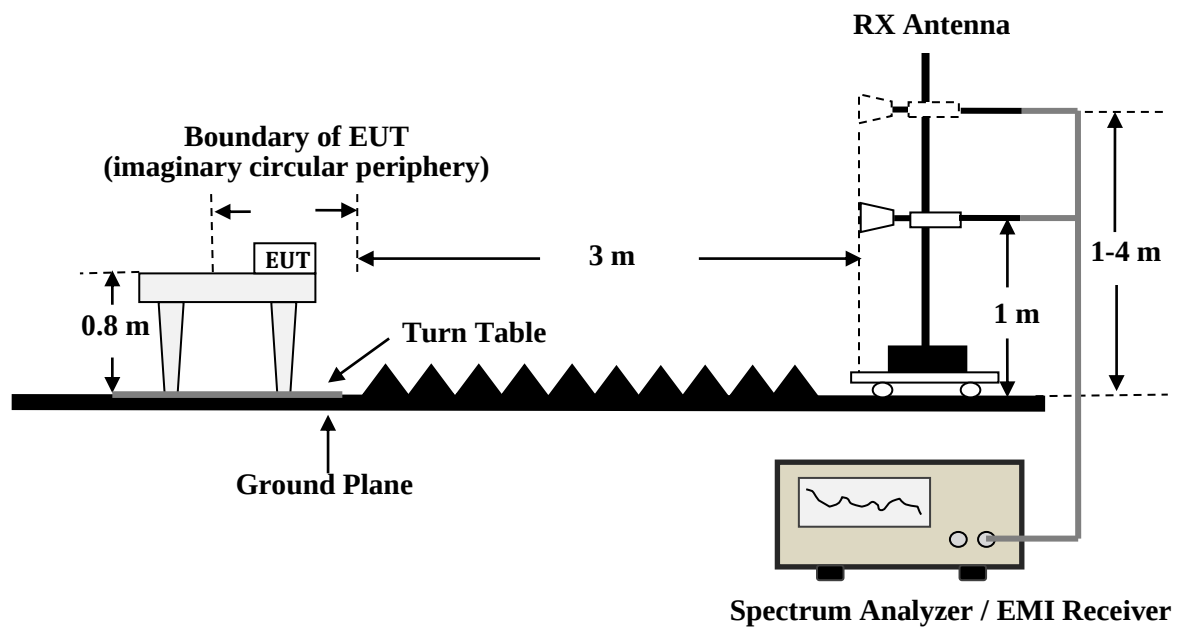
FCC §15.109

EUT Setup

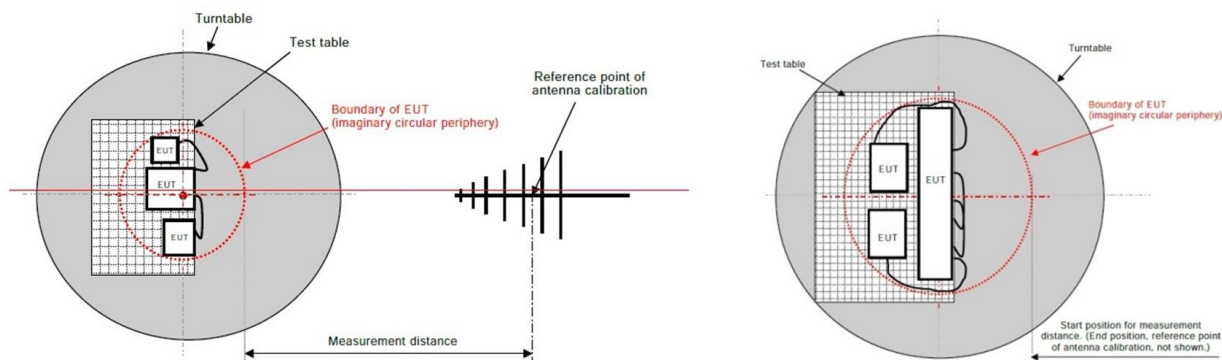
Below 1GHz for Radiated Emissions



Above 1GHz for Radiated Emissions



Radiated Emissions Setup Configuration



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The related limit was specified in FCC Part 15B.

The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

The spacing between the peripherals was 10 cm.

EMI Test Receiver and Spectrum analyzer Setup

During the radiated emission test, the EMI test receiver and spectrum analyzer setup was set with the following configurations:

Frequency Range	RBW	Video B/W	IF B/W	Measurement
30 MHz – 1000 MHz	100 kHz	300 kHz	120 kHz	QP
Above 1 GHz	1MHz	3 MHz	/	PK
	1MHz	10 Hz	/	PK

Test Procedure

Maximizing procedure was performed on the highest emissions to ensure that the EUT complied with all installation combinations.

If the emission level of the EUT in Peak mode was 6dB lower than the limit specified, Peak values of EUT will be reported. Otherwise, the emission will be repeated by using the Quasi-Peak method and reported for frequency range below 1GHz.

If emission level of the EUT in Peak measurement mode is 20dB lower than peak limit line (that means the emission level in Peak measurement mode complies with both Peak and average limit lines) then only Peak measurement result is reported .Otherwise, Emission in average measurement mode shall be measured, and reported for frequency range above 1GHz.

Level & Over Limit Calculation

The Level is calculated by adding the Antenna Factor and Cable Loss, and subtracting the Amplifier Gain from the Read Level. The basic equation is as follows:

$$\text{Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Gain}$$

$$\text{Level} = \text{Read Level} + \text{Factor}$$

The “Over limit” column of the following data tables indicates the degree of compliance with the applicable limit. For example, an Over limit of -6 dB means the emission is 6dB below the limit for Class A. The equation for Over Limit calculation is as follows:

$$\text{Over limit} = \text{Level} - \text{Limit}$$

Test Data

Environmental Conditions

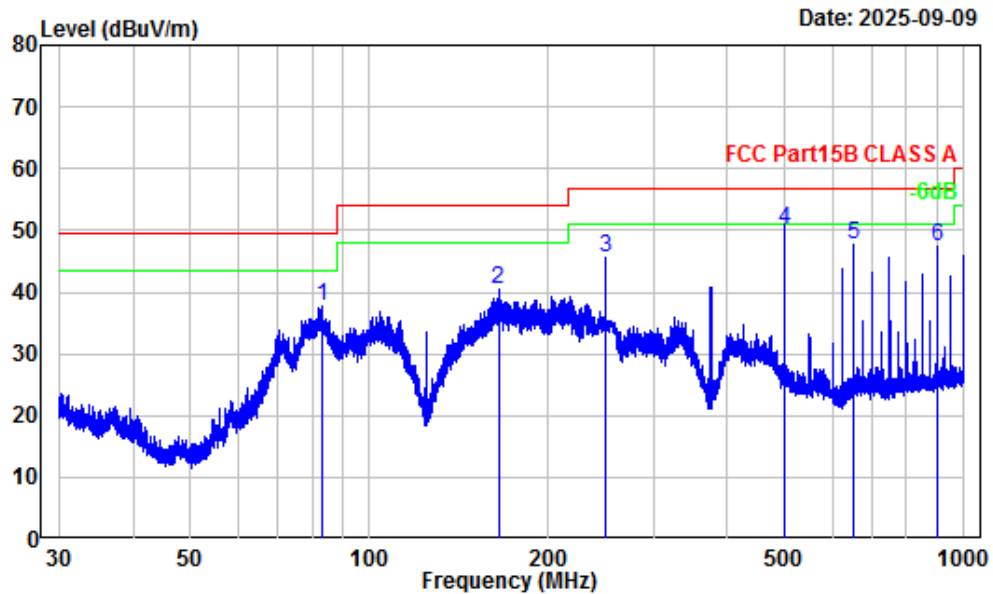
Temperature:	22.3~25.2°C
Relative Humidity:	48~61 %
ATM Pressure:	100.1~101.1kPa

The testing was performed by Nico Wu on 2025-09-09 and 2025-09-28 and Anson Su on 2025-08-07 for below 1GHz and Leon Guo on 2025-09-17 for above 1GHz.

Test Mode1

30 MHz~1 GHz

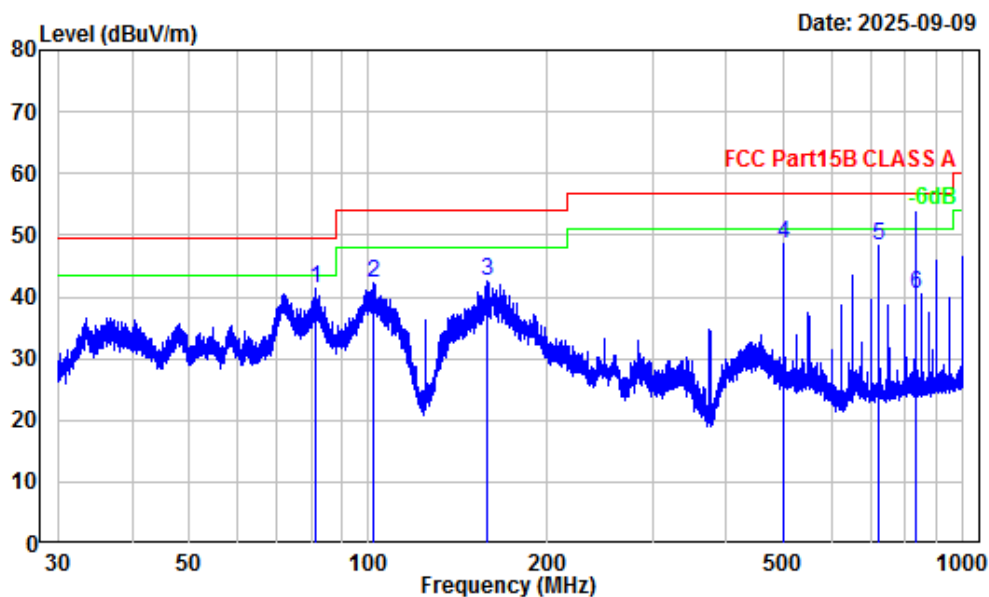
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501V36841E-EM
Test Mode : Mode1
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	83.45	-18.09	55.93	37.84	49.54	-11.70	Peak
2	164.69	-12.88	53.24	40.36	53.98	-13.62	Peak
3	249.97	-13.09	58.68	45.59	56.90	-11.31	Peak
4	500.08	-5.76	55.80	50.04	56.90	-6.86	QP
5	650.23	-4.13	51.69	47.56	56.90	-9.34	Peak
6	900.15	-1.31	48.62	47.31	56.90	-9.59	Peak

Vertical

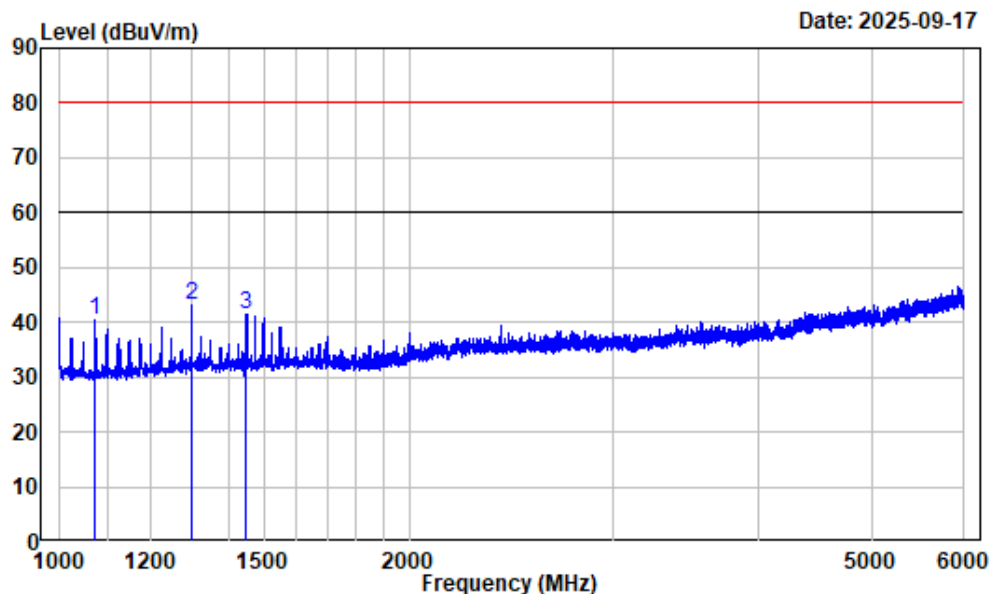


Site : Chamber A
Condition : 3m Vertical
Project Number : 2501V36841E-EM
Test Mode : Mode1
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	81.53	-17.99	59.44	41.45	49.54	-8.09 Peak
2	101.96	-15.38	57.67	42.29	53.98	-11.69 Peak
3	157.97	-12.63	55.15	42.52	53.98	-11.46 Peak
4	500.08	-5.76	54.48	48.72	56.90	-8.18 Peak
5	719.20	-3.23	51.45	48.22	56.90	-8.68 Peak
6	833.68	-1.86	42.40	40.54	56.90	-16.36 QP

1 ~ 6 GHz

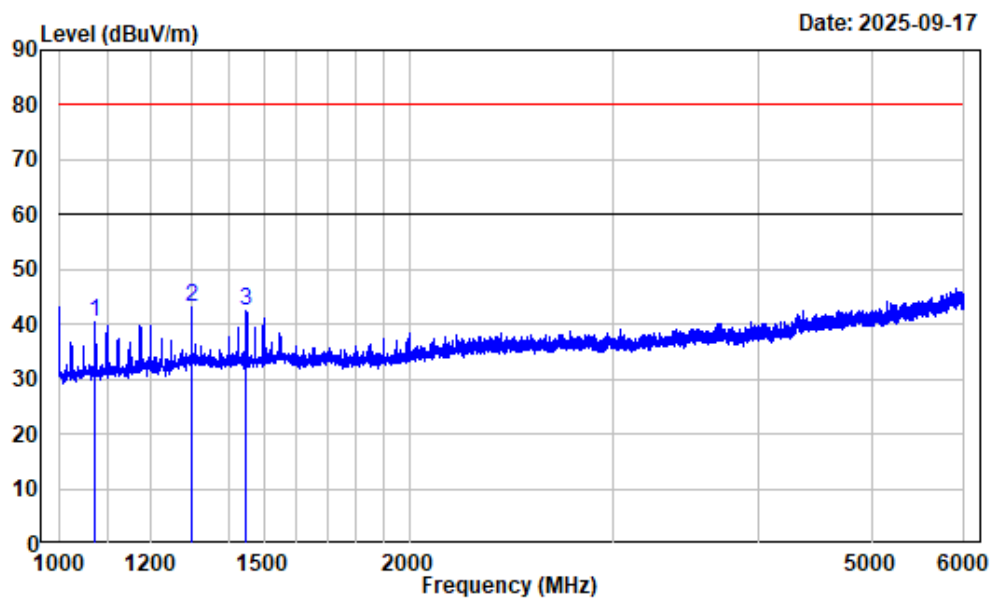
Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2501V36841E-EM
Test mode : Mode 1
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1075.000	-15.32	55.64	40.32	80.00	-39.68	Peak
2	1300.000	-14.44	57.70	43.26	80.00	-36.74	Peak
3	1450.000	-14.09	55.65	41.56	80.00	-38.44	Peak

Vertical



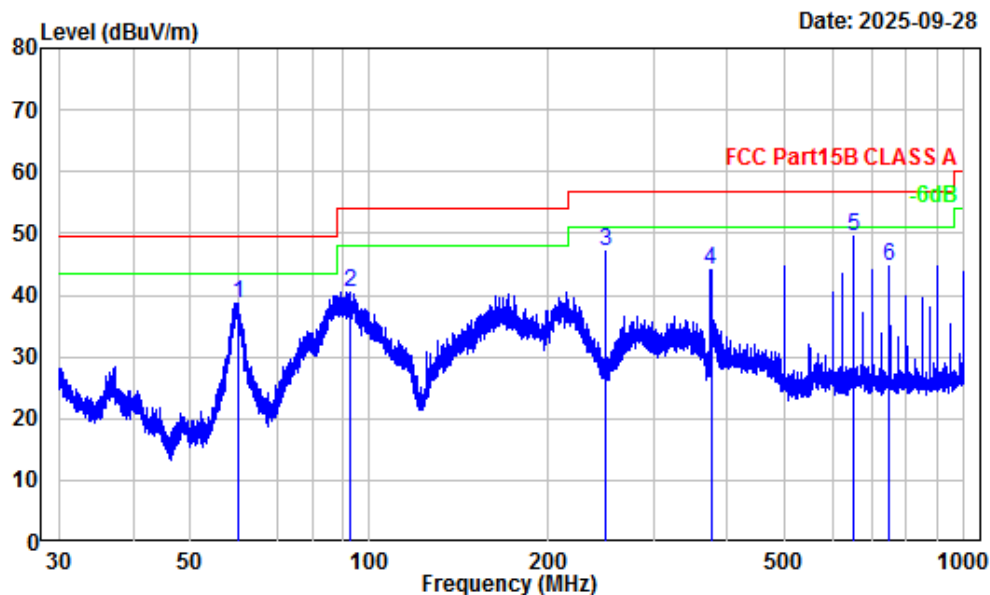
Site : chamber B
Condition : Vertical
Project Number : 2501V36841E-EM
Test mode : Mode 1
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1075.000	-15.32	55.84	40.52	80.00	-39.48	Peak
2	1300.000	-14.44	57.59	43.15	80.00	-36.85	Peak
3	1450.000	-14.09	56.67	42.58	80.00	-37.42	Peak

Test Mode2

30 MHz~1 GHz

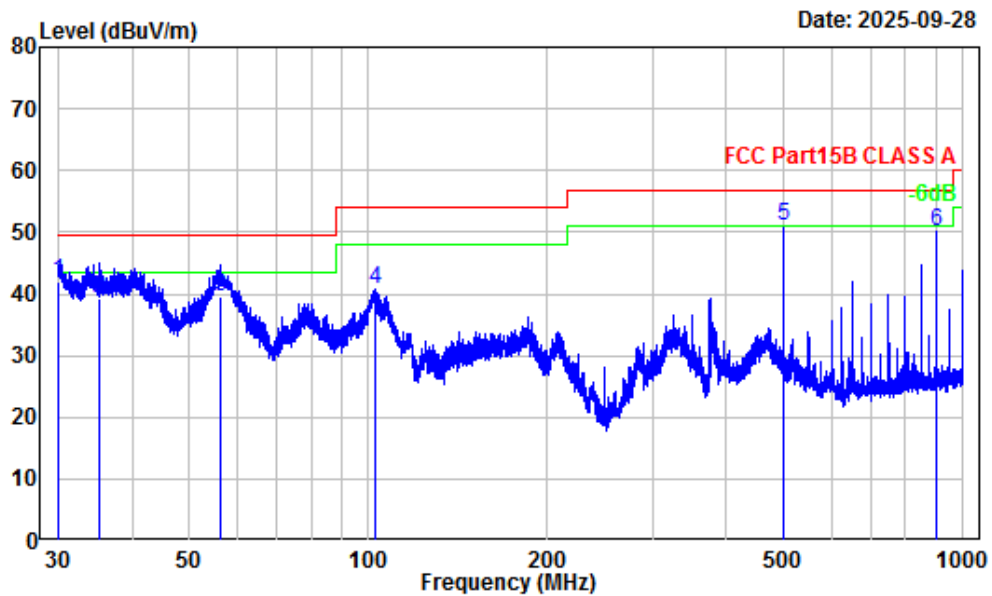
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501V36841E-EM
Test Mode : Mode2
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq	Factor	Read Level	Limit Level	Over Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	60.04	-18.12	56.91	38.79	49.54	-10.75	Peak
2	92.71	-17.71	58.21	40.50	53.98	-13.48	Peak
3	249.97	-13.09	60.24	47.15	56.90	-9.75	Peak
4	375.12	-9.28	53.38	44.10	56.90	-12.80	Peak
5	650.23	-4.13	53.75	49.62	56.90	-7.28	Peak
6	750.11	-2.88	47.71	44.83	56.90	-12.07	Peak

Vertical

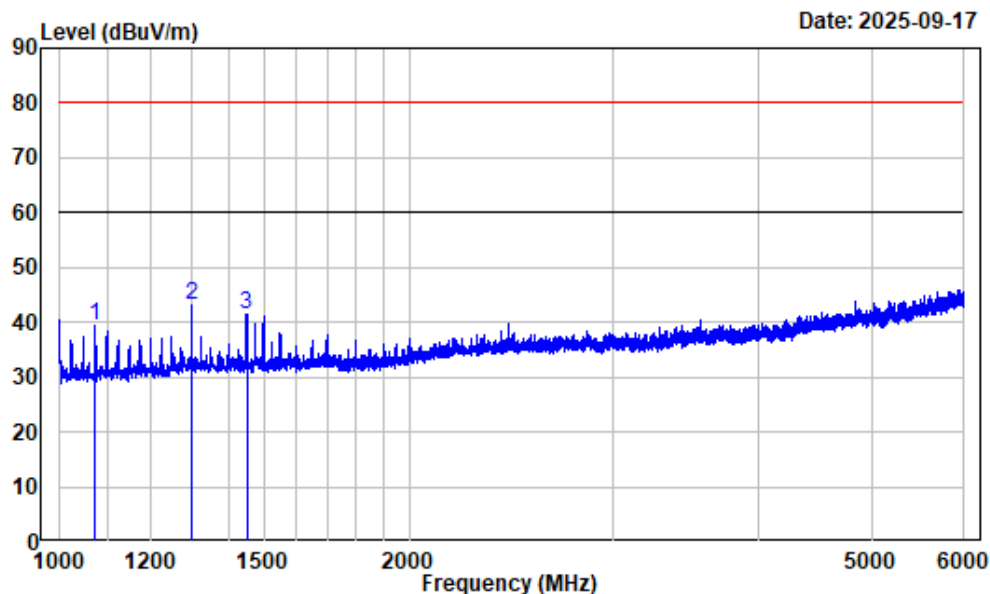


Site : Chamber A
Condition : 3m Vertical
Project Number : 2501V36841E-EM
Test Mode : Mode2
Detector: Peak RBW/VBW: 100/300kHz
Tester : Nico Wu

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Level	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	30.16	-6.04	48.00	41.96	49.54	-7.58 QP
2	35.30	-9.07	48.31	39.24	49.54	-10.30 QP
3	56.25	-18.32	58.00	39.68	49.54	-9.86 QP
4	102.67	-15.16	55.93	40.77	53.98	-13.21 Peak
5	500.08	-5.76	56.70	50.94	56.90	-5.96 QP
6	900.15	-1.31	51.39	50.08	56.90	-6.82 Peak

1 ~ 6 GHz

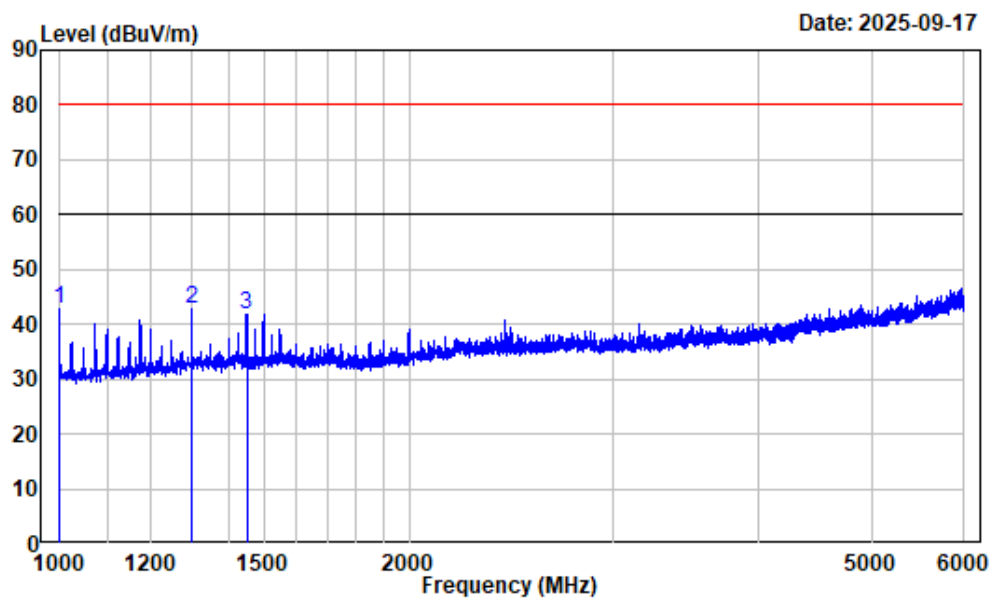
Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2501V36841E-EM
Test mode : Mode 2
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1075.000	-15.32	54.73	39.41	80.00	-40.59	Peak
2	1300.000	-14.44	57.53	43.09	80.00	-36.91	Peak
3	1450.625	-14.08	55.62	41.54	80.00	-38.46	Peak

Vertical



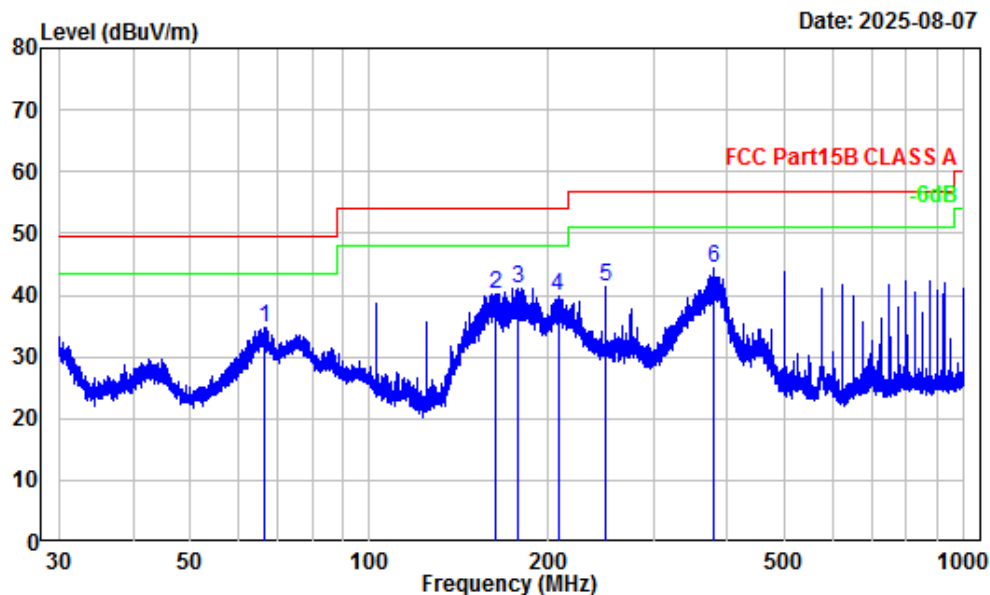
Site : chamber B
Condition : Vertical
Project Number : 2501V36841E-EM
Test mode : Mode 2
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1000.000	-15.53	58.42	42.89	80.00	-37.11	Peak
2	1300.000	-14.44	57.36	42.92	80.00	-37.08	Peak
3	1450.625	-14.08	55.92	41.84	80.00	-38.16	Peak

Test Mode3

30 MHz~1 GHz

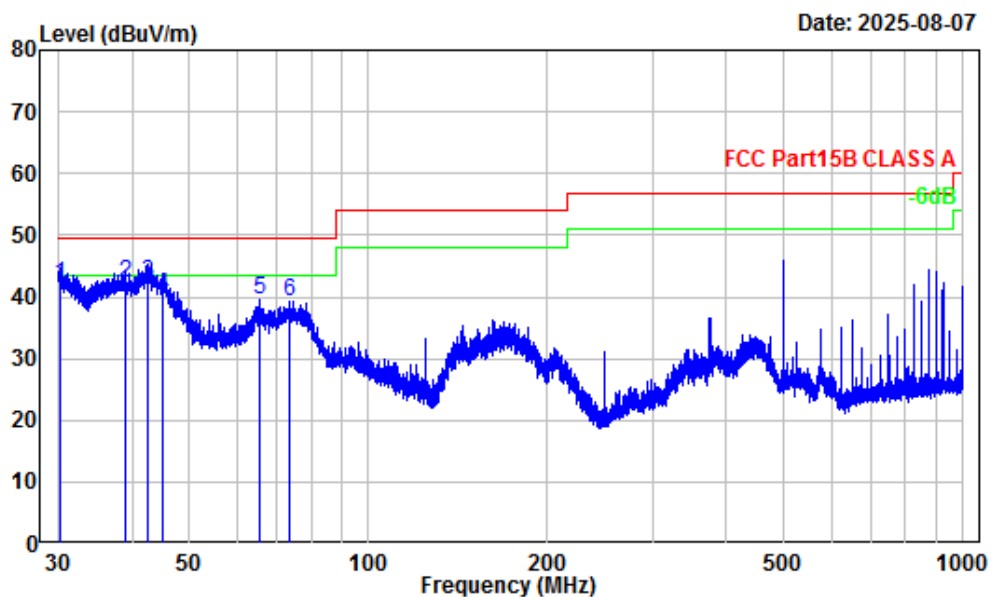
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number : 2501V36841E-EM
Test Mode : Mode3
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	
			dBuV	dBuV/m	dBuV/m	dB
1	66.76	-17.88	52.61	34.73	49.54	-14.81 Peak
2	163.25	-12.81	53.11	40.30	53.98	-13.68 Peak
3	177.43	-13.50	54.70	41.20	53.98	-12.78 Peak
4	207.49	-13.74	53.50	39.76	53.98	-14.22 Peak
5	249.97	-13.09	54.45	41.36	56.90	-15.54 Peak
6	379.91	-9.15	53.63	44.48	56.90	-12.42 Peak

Vertical

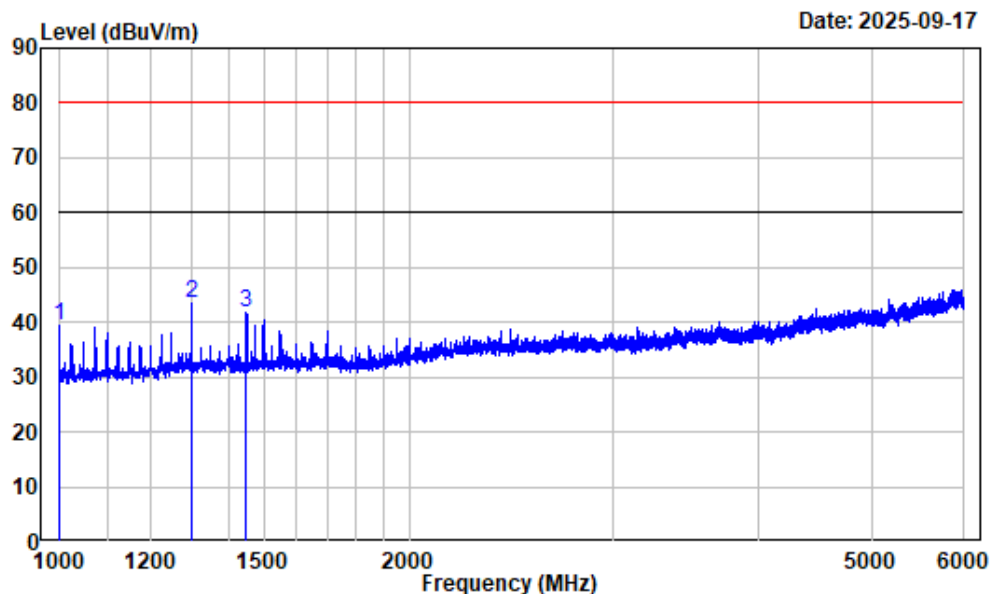


Site : Chamber A
Condition : 3m Vertical
Project Number : 2501V36841E-EM
Test Mode : Mode3
Detector: Peak RBW/VBW: 100/300kHz
Tester : Anson Su

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	30.32	-6.12	47.99	41.87	49.54	-7.67 QP
2	38.97	-11.66	53.91	42.25	49.54	-7.29 QP
3	42.56	-14.27	56.60	42.33	49.54	-7.21 QP
4	45.18	-15.99	56.01	40.02	49.54	-9.52 QP
5	65.75	-17.92	57.33	39.41	49.54	-10.13 Peak
6	73.65	-17.85	57.22	39.37	49.54	-10.17 Peak

1 ~ 6GHz

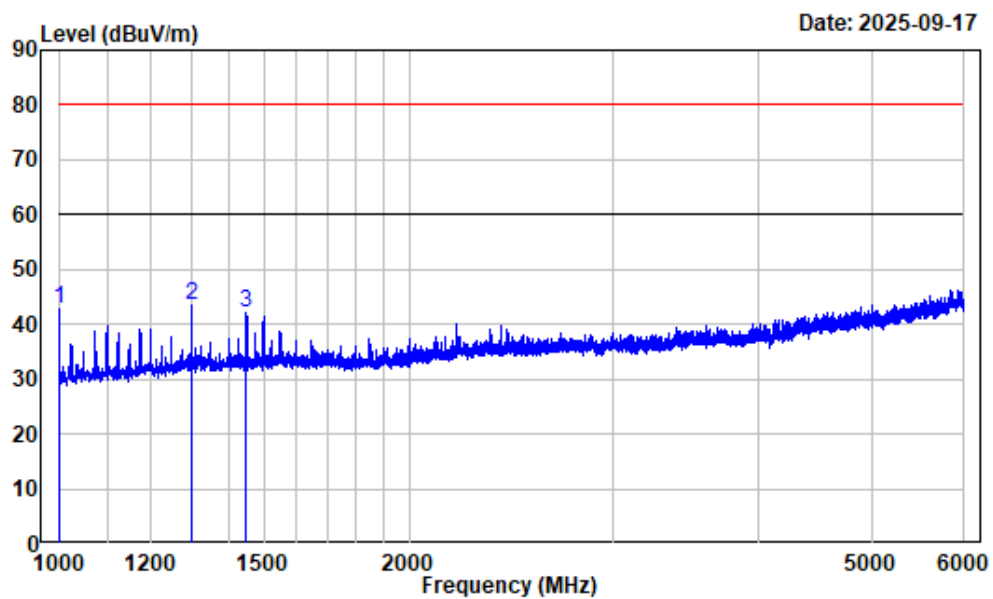
Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2501V36841E-EM
Test mode : Mode 3
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1000.000	-15.53	55.04	39.51	80.00	-40.49	Peak
2	1300.000	-14.44	57.80	43.36	80.00	-36.64	Peak
3	1450.000	-14.09	55.98	41.89	80.00	-38.11	Peak

Vertical



Site : chamber B
Condition : Vertical
Project Number : 2501V36841E-EM
Test mode : Mode 3
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1000.000	-15.53	58.43	42.90	80.00	-37.10	Peak
2	1300.000	-14.44	58.00	43.56	80.00	-36.44	Peak
3	1450.000	-14.09	56.20	42.11	80.00	-37.89	Peak

EUT PHOTOGRAPHS

Please refer to the attachment 2501V36841E-EM-EXP External photo and 2501V36841E-EM-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2501V36841E-EM-TSP Test Setup photo.

******* END OF REPORT *******