

TEST REPORT

Applicant Name: Grandstream Networks, Inc.
Address: 126 Brookline Ave., 3rd Floor Boston, MA 02215, USA
Report Number: 2601X17461E-EM-00
FCC ID: YZZGWN7801PRM1

Test Standard (s)

FCC Part 15, Subpart B (Class A)

Sample Description

Product Type: Enterprise Layer 2++ Managed Switch
Model No.: GWN7801P Pro
Multiple Model(s) No.: N/A
Trade Mark: GRANDSTREAM
Date Received: 2026/09/03
Issue Date: 2026/10/08

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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Haiguo Li
EMC Engineer

Approved By:

Moon Liu

Moon Liu
EMC Supervisor

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DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2601X17461E-EM-00	Original Report	2026/10/08

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Voltage Range	AC 100-240V 50/60Hz
Highest operating frequency [#]	1000 MHz (Provided by the applicant)
Equipment Class [#]	Class A
Sample number	3T41-1: Enterprise Layer 2++ Managed Switch GWN7801P Pro 3T41-2: Accessories GWN7801P Pro 3T41-3: Power Cord GWN7801P Pro 3T41-4: AOYUAN power supply board for GWN7801P Pro 3T41-5: GOSPELL power supply board for GWN7801P Pro 3T41-6: Fuhua power supply board for GWN7801P Pro (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	3.72dB(k=2, 95% level of confidence)
Radiated Disturbance	30MHz~1000MHz	Horizontal	5.10dB(k=2, 95% level of confidence)
	30MHz~1000MHz	Vertical	6.28dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	6.18dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	6.62dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	6.66dB(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, test firm 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 communication& full load (AOYUAN power supply board)

Test Mode2: Data communication& full load (GOSPELL power supply board)

Test Mode3: Data communication& full load (Fuhua power supply board)

Note:

Describe the working principle:

1. The prototype is equipped with three types of internal power supplies: AOYUAN AY-G150-53/ GOSPELL G1707-150W/Fuhua UES150-540280SPA3-OP.
2. 2x 2.5G SFP ports connect to the working Gigabit Managed Switch ES220GP.
3. 6 Ethernet RJ45 PoE ports connect to the load
4. Two PCs are connected to two RJ45 ports, and they ping each other's IP addresses.

EUT exercise software

No exercise software was used.

Equipment Modifications

No modification was made to the EUT tested.

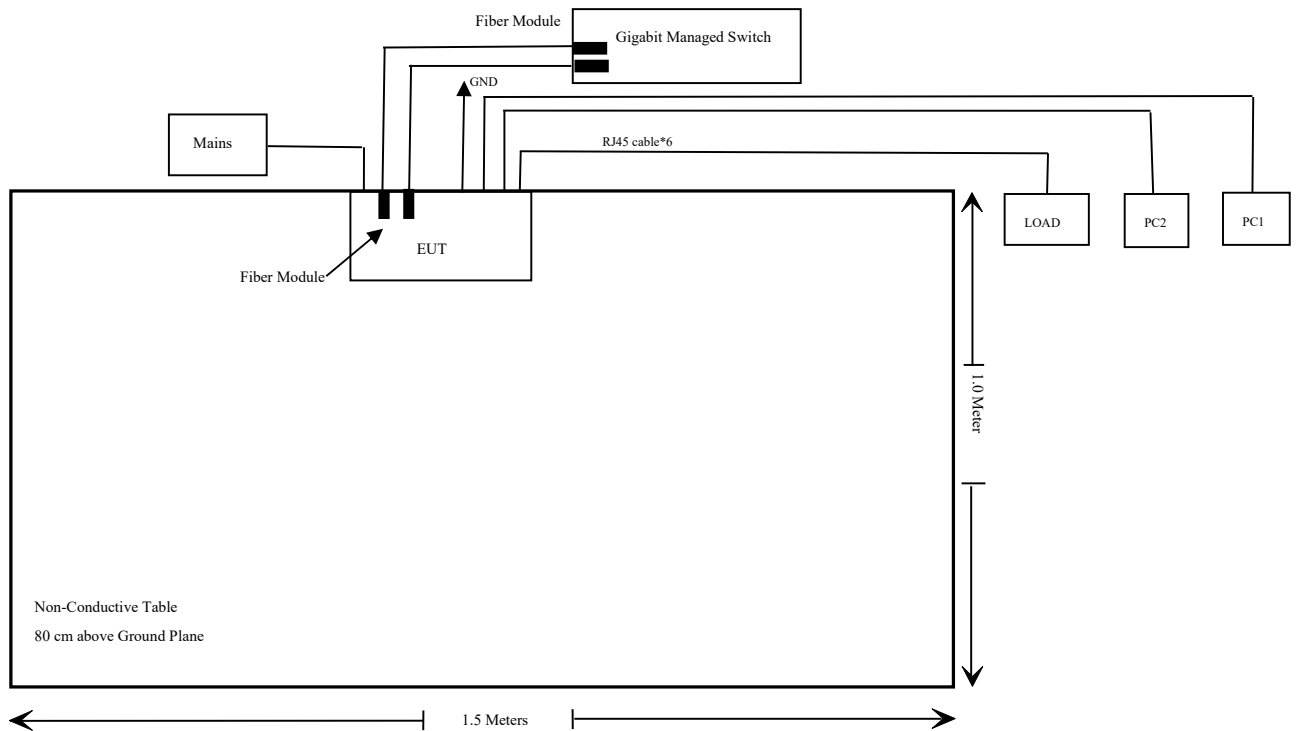
Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
OUPU	SOCKET	PDU-OP1606K	6971041358020
DELL	PC1	Latitude E7270	1JH13G2
DELL	PC2	Latitude E6520	DL0ZCS1
TP-link	Gigabit Managed Switch	ES220GP	/
TP-link	Fiber Module*4	N/A	/
N/A	LOAD	N/A	/

Cable Description	Length (m)	From/Port	To
Unshielded un-detachable AC cable	1.0	SOCKET	LISN
Unshielded detachable AC cable	1.2	EUT	SOCKET
Unshielded detachable fiber cable*2	2.0	Fiber module	Fiber module
Unshielded detachable RJ45 cable	3.0	EUT	PC1
Unshielded detachable RJ45 cable	3.0	EUT	PC2
Unshielded detachable RJ45 cable*6	3.0	EUT	LOAD
Unshielded detachable DC cable	1.5	EUT	GND

The diagram illustrates the experimental setup for the proposed antenna. A large rectangular area represents the 'Non-Conductive Table' which is '80 cm above Ground Plane'. The table has a width of '1.5 Meters' and a height of '1.0 Meter'. On the left side of the table, there is a 'SOCKET' and an 'EUT' (Electronically Under Test) component. The distance between the 'SOCKET' and the 'EUT' is '10 cm'. A 'Fiber Module' is connected to the 'EUT' and a 'Gigabit Managed Switch'. The 'Fiber Module' is also connected to a 'GND' (Ground) point. A 'LISN' (Line Impedance Stabilization Network) is connected to the 'SOCKET'. The 'Gigabit Managed Switch' is connected to the 'EUT' via 'RJ45 cable*6'. The 'Gigabit Managed Switch' is also connected to a 'LOAD', 'PC2', and 'PC1'.

Radiated Emissions:



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	2026/08/04	2027/08/03
Rohde & Schwarz	LISN	ENV216	101613	2026/08/26	2027/08/25
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2026/08/26	2027/08/25
Unknown	CE Cable	Unknown	UF A210B-1-0720-504504	2026/08/26	2027/08/25
Audix	EMI Test software	E3	191218 V9(c)	NCR	NCR
Radiated Emission Test					
Rohde & Schwarz	EMI Test Receiver	ESR3	102455	2026/08/04	2027/08/03
Sonoma instrument	Pre-amplifier	310 N	186238	2026/08/26	2027/08/25
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2026/06/26	2029/06/25
Unknown	Chamber A Cable	Cable A1	Cable A1	2026/08/26	2027/08/25
Unknown	Chamber A Cable	Cable A2	Cable A2	2026/08/26	2027/08/25
Audix	EMI Test software	E3	19821b(V9)	NCR	NCR
TDK	Chamber	Chamber A	2#	2026/07/03	2029/07/02
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2026/08/04	2027/08/03
A.H.System	Preamplifier	PAM-0118P	489	2026/08/27	2027/08/26
Schwarzbeck	Horn Antenna	BBHA9120D (1201)	1143	2026/07/15	2027/07/14
Audix	EMI Test software	E3	191218 V9(c)	NCR	NCR
TDK	Chamber	Chamber B	1#	2026/07/06	2029/07/05
Unknown	Chamber B Cable	Cable B6	Cable B6	2026/07/06	2027/07/05

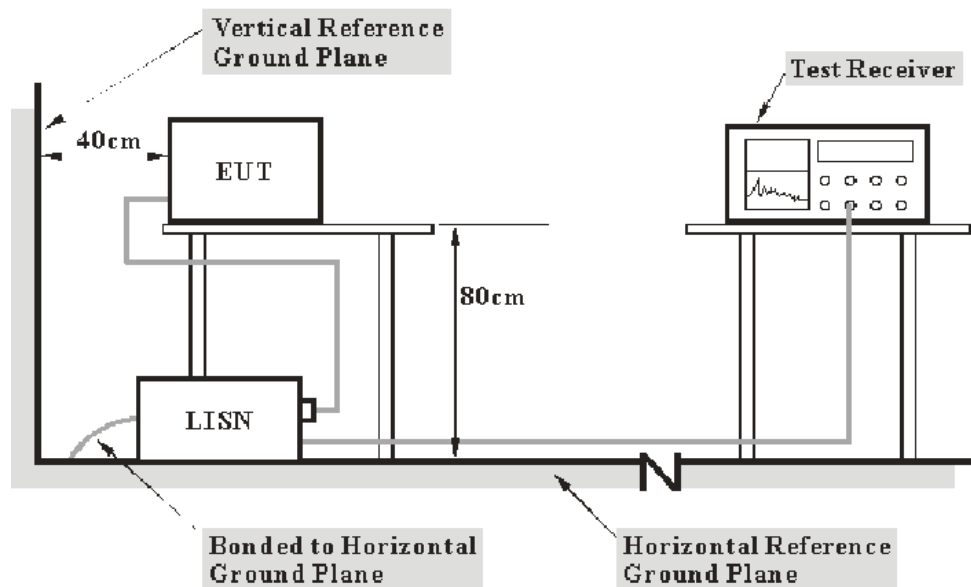
* **Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

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.

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

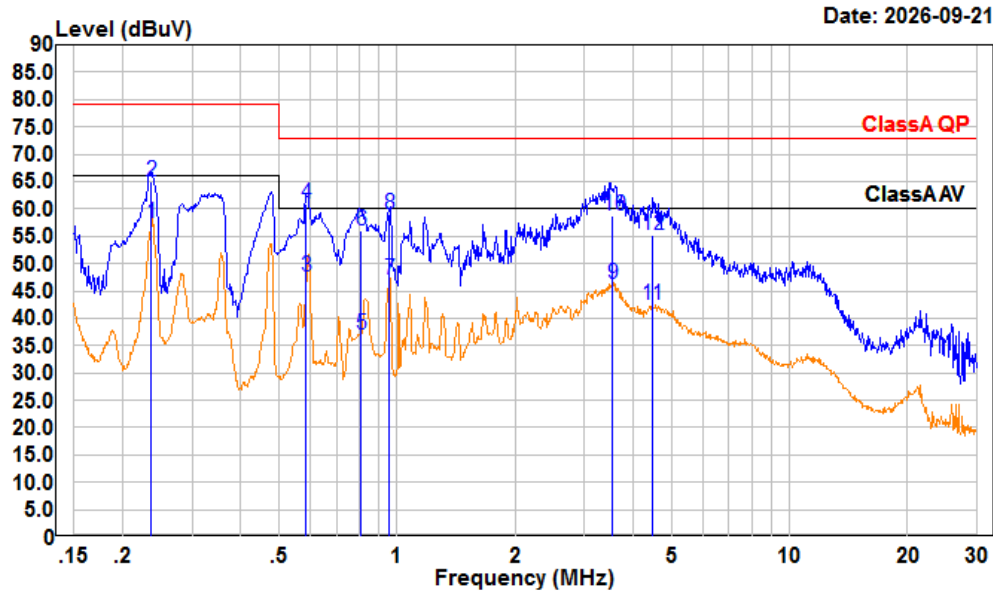
Note: The term "cable loss" refers to the combination of a cable and a 10dB transient limiter (attenuator).

Test Data

Environmental Conditions

Temperature:	24.9 °C
Relative Humidity:	59 %
ATM Pressure:	100.7 kPa

The testing was performed by Macy Shi on 2026-09-21.

*Test Model:***AC 120V/60 Hz, Line**

Condition: Line

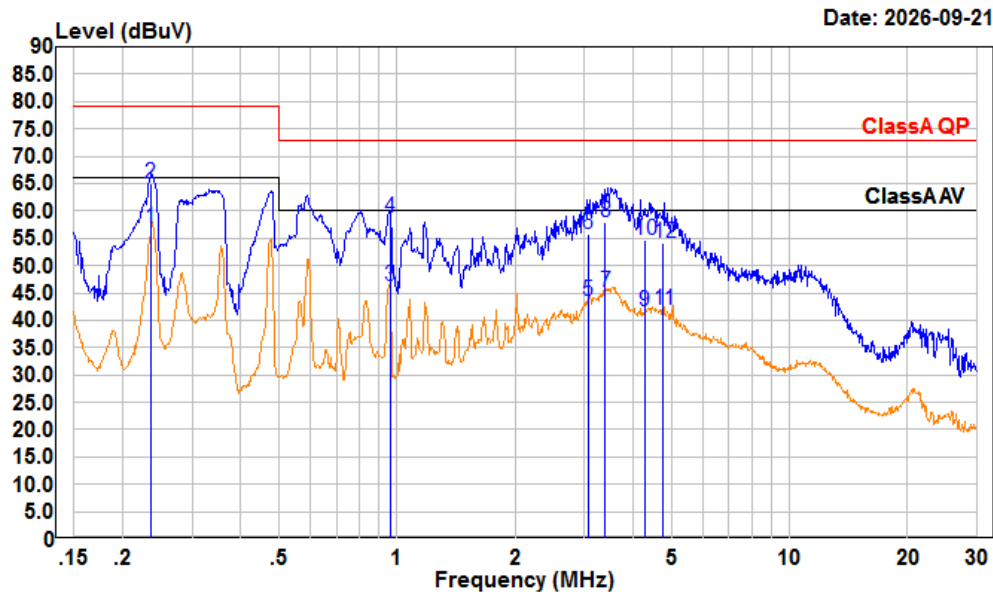
Project : 2601X17461E-EM

test Mode: mode 1

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	0.237	37.65	57.40	9.72	10.03	66.00	-8.60	Average
2	0.237	45.19	64.94	9.72	10.03	79.00	-14.06	QP
3	0.587	27.86	47.70	9.80	10.04	60.00	-12.30	Average
4	0.587	40.97	60.81	9.80	10.04	73.00	-12.19	QP
5	0.809	17.24	37.12	9.84	10.04	60.00	-22.88	Average
6	0.809	36.19	56.07	9.84	10.04	73.00	-16.93	QP
7	0.957	27.21	47.15	9.89	10.05	60.00	-12.85	Average
8	0.957	38.95	58.89	9.89	10.05	73.00	-14.11	QP
9	3.549	26.03	46.14	9.90	10.21	60.00	-13.86	Average
10	3.549	38.70	58.81	9.90	10.21	73.00	-14.19	QP
11	4.461	22.25	42.37	9.90	10.22	60.00	-17.63	Average
12	4.461	35.12	55.24	9.90	10.22	73.00	-17.76	QP

AC 120V/60 Hz, Neutral



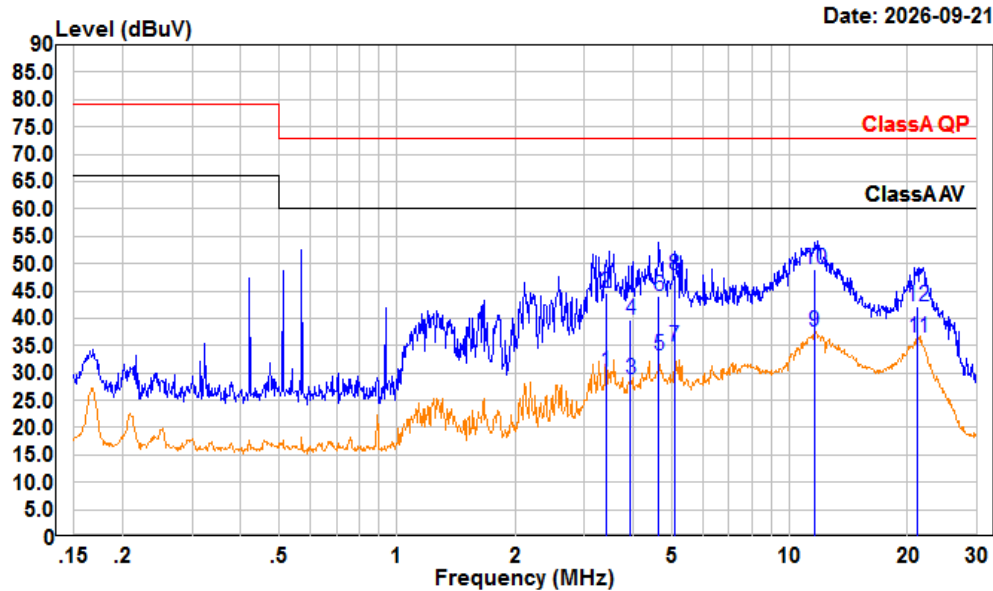
Condition: neutral

Project : 2601X17461E-EM

test Mode: mode 1

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	0.235	37.16	56.79	9.60	10.03	66.00	-9.21	Average
2	0.235	45.49	65.12	9.60	10.03	79.00	-13.88	QP
3	0.960	26.68	46.33	9.60	10.05	60.00	-13.67	Average
4	0.960	39.06	58.71	9.60	10.05	73.00	-14.29	QP
5	3.061	23.65	43.46	9.60	10.21	60.00	-16.54	Average
6	3.061	35.89	55.70	9.60	10.21	73.00	-17.30	QP
7	3.387	25.26	45.07	9.60	10.21	60.00	-14.93	Average
8	3.387	38.10	57.91	9.60	10.21	73.00	-15.09	QP
9	4.277	21.84	41.67	9.61	10.22	60.00	-18.33	Average
10	4.277	34.72	54.55	9.61	10.22	73.00	-18.45	QP
11	4.776	22.03	41.89	9.63	10.23	60.00	-18.11	Average
12	4.776	34.31	54.17	9.63	10.23	73.00	-18.83	QP

*Test Mode2:***AC 120V/60 Hz, Line**

Condition: Line

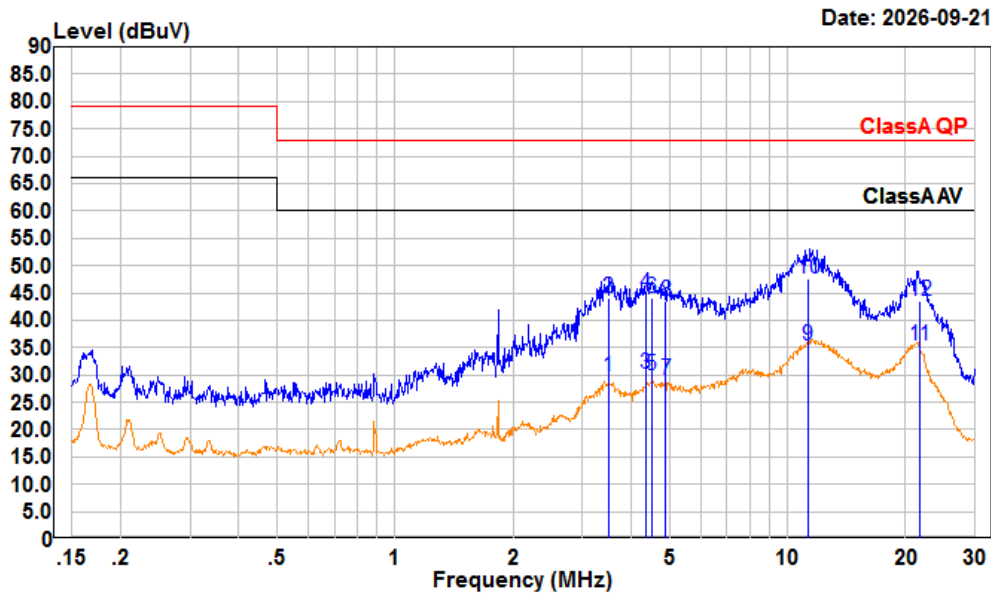
Project : 2601X17461E-EM

test Mode: Mode2

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	3.403	10.19	30.30	9.90	10.21	60.00	-29.70	Average
2	3.403	24.41	44.52	9.90	10.21	73.00	-28.48	QP
3	3.928	8.70	28.81	9.90	10.21	60.00	-31.19	Average
4	3.928	19.54	39.65	9.90	10.21	73.00	-33.35	QP
5	4.651	13.08	33.21	9.90	10.23	60.00	-26.79	Average
6	4.651	23.98	44.11	9.90	10.23	73.00	-28.89	QP
7	5.087	14.56	34.70	9.90	10.24	60.00	-25.30	Average
8	5.087	27.80	47.94	9.90	10.24	73.00	-25.06	QP
9	11.579	17.19	37.44	9.90	10.35	60.00	-22.56	Average
10	11.579	28.62	48.87	9.90	10.35	73.00	-24.13	QP
11	21.212	15.98	36.32	9.90	10.44	60.00	-23.68	Average
12	21.212	21.88	42.22	9.90	10.44	73.00	-30.78	QP

AC 120V/60 Hz, Neutral



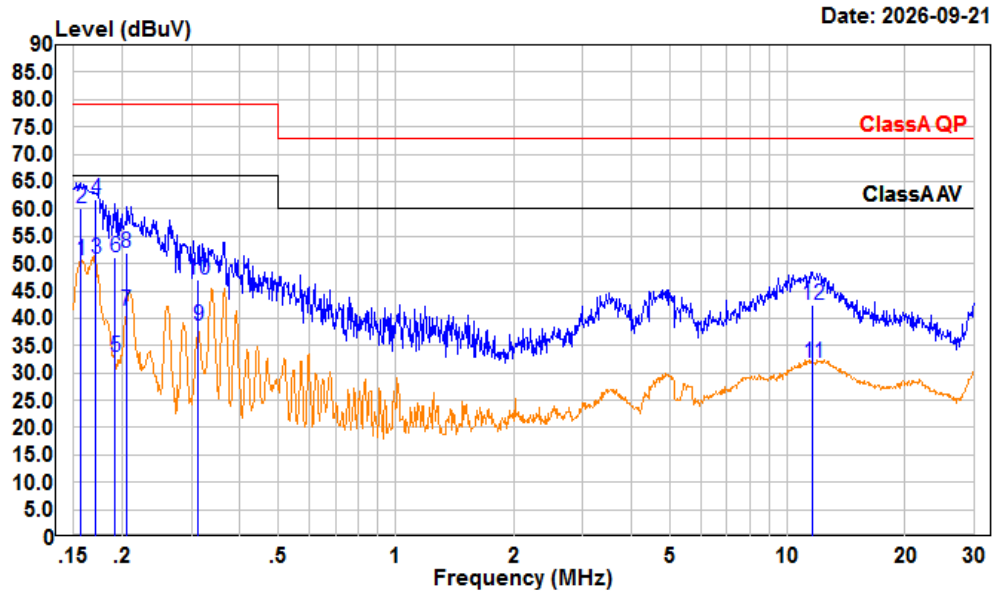
Condition: neutral

Project : 2601X17461E-EM

test Mode: Mode2

tester : Macy.shi Setting: RBW: 9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	3.500	9.85	29.66	9.60	10.21	60.00	-30.34	Average
2	3.500	24.15	43.96	9.60	10.21	73.00	-29.04	QP
3	4.341	10.25	30.08	9.61	10.22	60.00	-29.92	Average
4	4.341	25.15	44.98	9.61	10.22	73.00	-28.02	QP
5	4.504	9.95	29.79	9.62	10.22	60.00	-30.21	Average
6	4.504	24.31	44.15	9.62	10.22	73.00	-28.85	QP
7	4.889	9.29	29.16	9.64	10.23	60.00	-30.84	Average
8	4.889	23.61	43.48	9.64	10.23	73.00	-29.52	QP
9	11.262	15.35	35.39	9.70	10.34	60.00	-24.61	Average
10	11.262	27.49	47.53	9.70	10.34	73.00	-25.47	QP
11	21.645	15.32	35.47	9.70	10.45	60.00	-24.53	Average
12	21.645	23.40	43.55	9.70	10.45	73.00	-29.45	QP

*Test Mode3:***AC 120V/60 Hz, Line**

Condition: Line

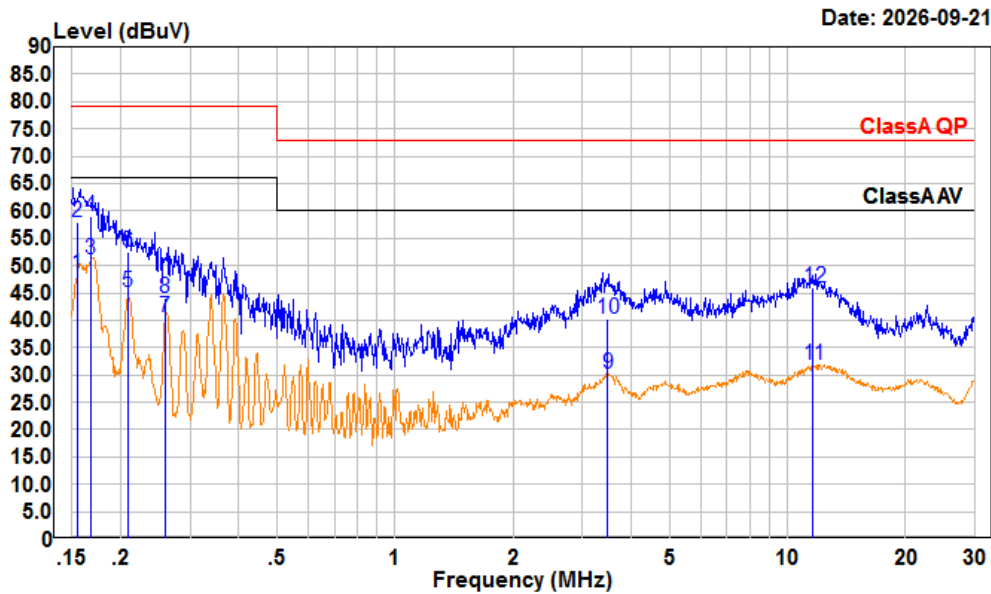
Project : 2601X17461E-EM

test Mode: Mode3

tester : Macy.shi Setting:RBW:9kHz

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.156	30.84	50.56	9.70	10.02	66.00	-15.44	Average
2	0.156	40.40	60.12	9.70	10.02	79.00	-18.88	QP
3	0.171	31.05	50.77	9.70	10.02	66.00	-15.23	Average
4	0.171	41.93	61.65	9.70	10.02	79.00	-17.35	QP
5	0.191	13.18	32.91	9.70	10.03	66.00	-33.09	Average
6	0.191	31.30	51.03	9.70	10.03	79.00	-27.97	QP
7	0.205	21.50	41.23	9.70	10.03	66.00	-24.77	Average
8	0.205	32.16	51.89	9.70	10.03	79.00	-27.11	QP
9	0.312	18.88	38.66	9.75	10.03	66.00	-27.34	Average
10	0.312	27.31	47.09	9.75	10.03	79.00	-31.91	QP
11	11.600	11.59	31.84	9.90	10.35	60.00	-28.16	Average
12	11.600	22.17	42.42	9.90	10.35	73.00	-30.58	QP

AC 120V/60 Hz, Neutral



Condition: neutral

Project : 2601X17461E-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	0.155	28.86	48.48	9.60	10.02	66.00	-17.52	Average
2	0.155	38.22	57.84	9.60	10.02	79.00	-21.16	QP
3	0.168	31.52	51.14	9.60	10.02	66.00	-14.86	Average
4	0.168	39.42	59.04	9.60	10.02	79.00	-19.96	QP
5	0.208	25.44	45.07	9.60	10.03	66.00	-20.93	Average
6	0.208	32.99	52.62	9.60	10.03	79.00	-26.38	QP
7	0.259	21.01	40.64	9.60	10.03	66.00	-25.36	Average
8	0.259	24.53	44.16	9.60	10.03	79.00	-34.84	QP
9	3.480	10.35	30.16	9.60	10.21	60.00	-29.84	Average
10	3.480	20.39	40.20	9.60	10.21	73.00	-32.80	QP
11	11.638	11.84	31.89	9.70	10.35	60.00	-28.11	Average
12	11.638	25.92	45.97	9.70	10.35	73.00	-27.03	QP

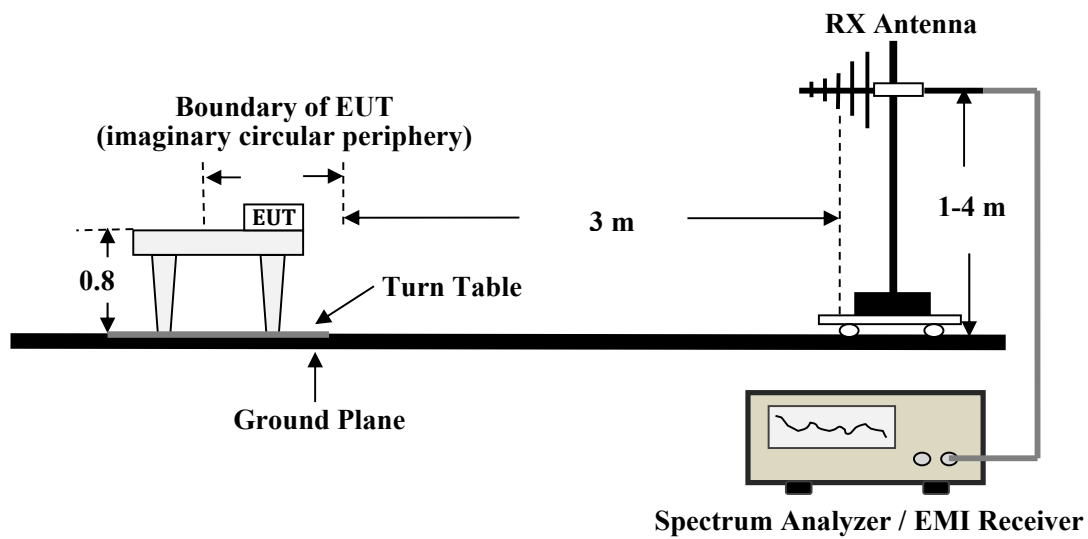
FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

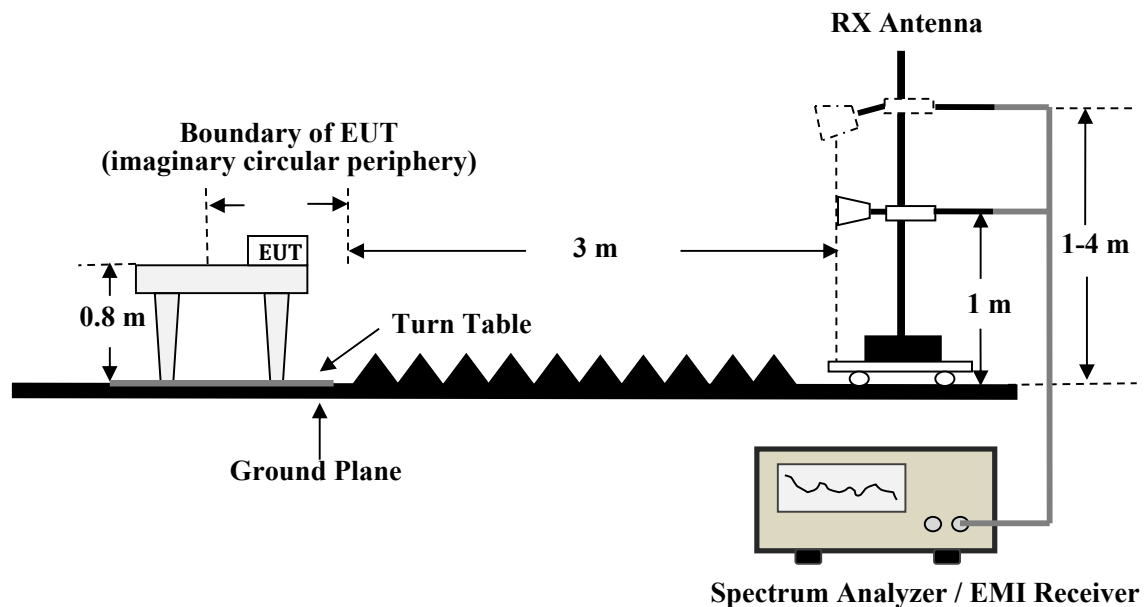
FCC §15.109

EUT Setup

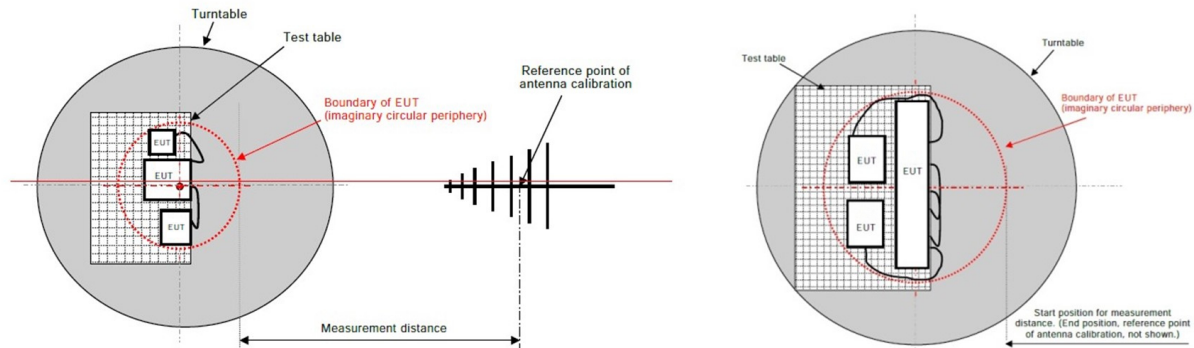
Below 1GHz for Radiated Emissions



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	120 kHz	500 kHz	/	PK
	/	/	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:

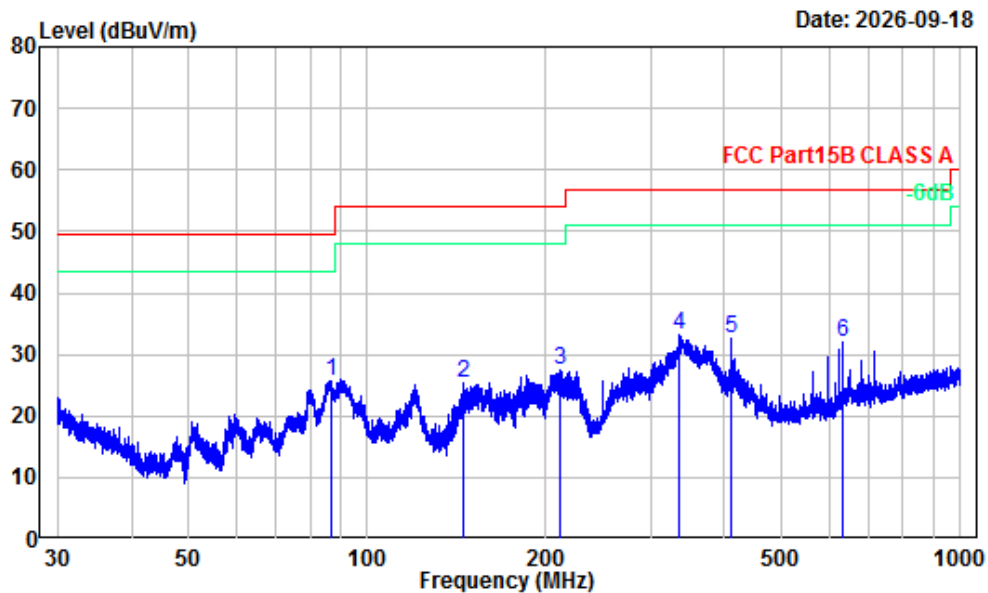
$$\text{Over limit} = \text{Level} - \text{Limit}$$

Test Data

Environmental Conditions

Temperature:	22.2~23.4 °C
Relative Humidity:	52~55 %
ATM Pressure:	100.5~101.4 kPa

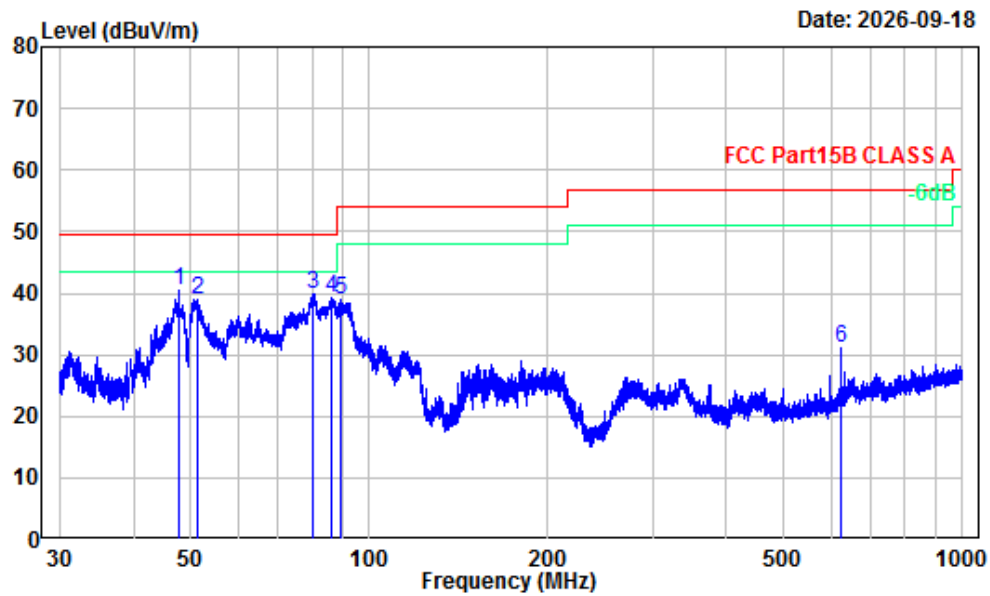
The testing was performed by Alex Yan on 2026-09-18 for below 1GHz and Leon Guo on 2026-09-23 for above 1GHz.

*Test Model:***30 MHz~1 GHz****Horizontal**

Site : Chamber A
Condition : 3m Horizontal
Project Number : 2601X17461E-EM
Test Mode : Mode 1
Detector: Peak RBW/VBW: 120/500kHz
Tester : Alex Yan

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	87.112	-17.62	43.35	25.73	49.54	-23.81	Peak
2	145.351	-12.19	37.51	25.32	53.98	-28.66	Peak
3	210.786	-13.94	41.37	27.43	53.98	-26.55	Peak
4	334.419	-10.09	43.33	33.24	56.90	-23.66	Peak
5	409.664	-7.72	40.23	32.51	56.90	-24.39	Peak
6	631.688	-3.64	35.69	32.05	56.90	-24.85	Peak

Vertical

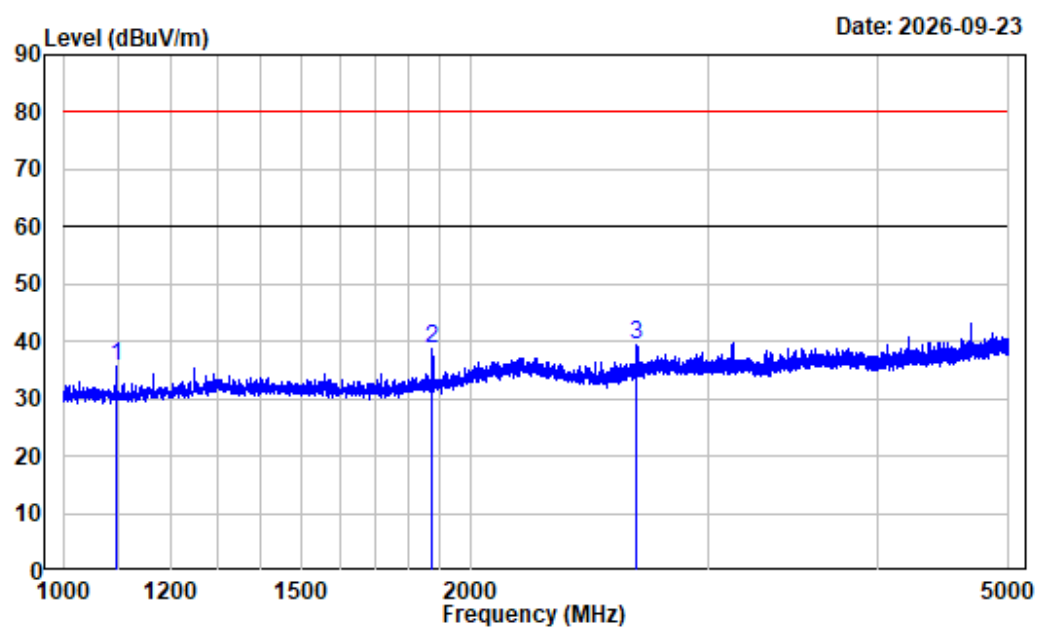


Site : Chamber A
Condition : 3m Vertical
Project Number : 2601X17461E-EM
Test Mode : Mode 1
Detector: Peak RBW/VBW: 120/500kHz
Tester : Alex Yan

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	47.784	-17.14	57.73	40.59	49.54	-8.95 Peak
2	51.211	-17.83	56.72	38.89	49.54	-10.65 Peak
3	80.256	-17.72	57.58	39.86	49.54	-9.68 Peak
4	86.314	-17.52	56.85	39.33	49.54	-10.21 Peak
5	89.590	-17.60	56.50	38.90	53.98	-15.08 Peak
6	625.078	-4.05	35.28	31.23	56.90	-25.67 Peak

1 ~ 5 GHz

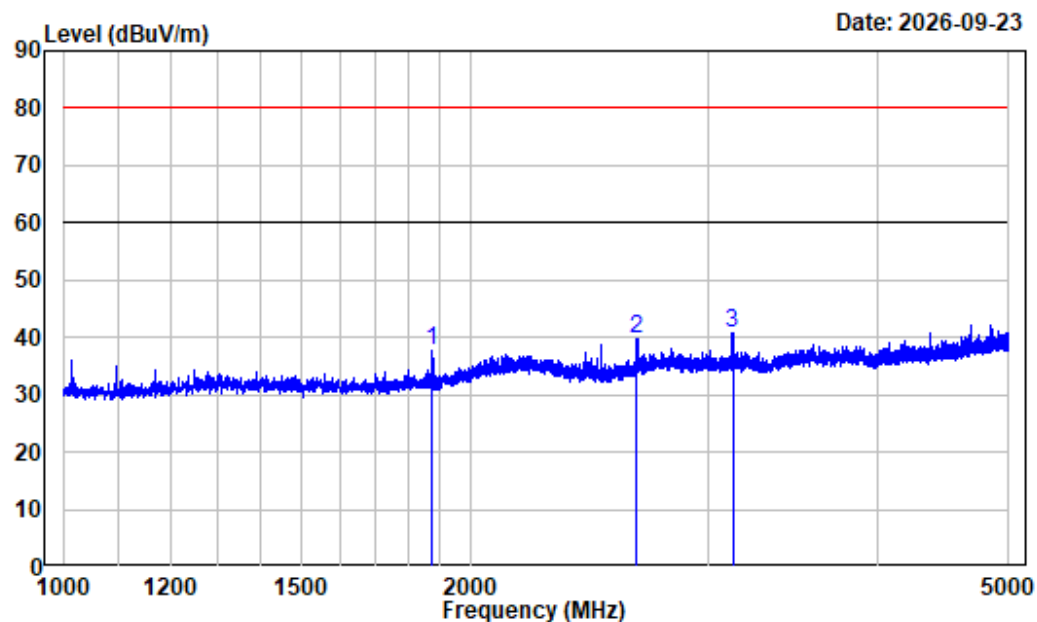
Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2601X17461E-EM
Test mode : Mode 1
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

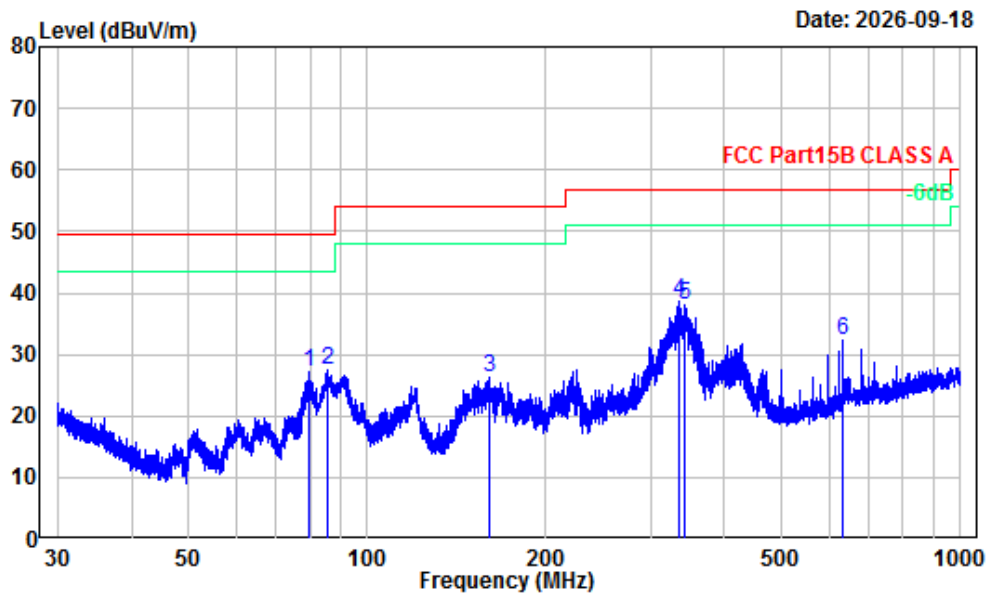
	Freq		Read		Limit	Over	Remark
	MHz	Factor	Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1094.000	-15.42	51.12	35.70	80.00	-44.30	Peak
2	1875.000	-13.86	52.49	38.63	80.00	-41.37	Peak
3	2656.500	-12.00	51.42	39.42	80.00	-40.58	Peak

Vertical



Site : chamber B
Condition : Vertical
Project Number : 2601X17461E-EM
Test mode : Mode 1
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

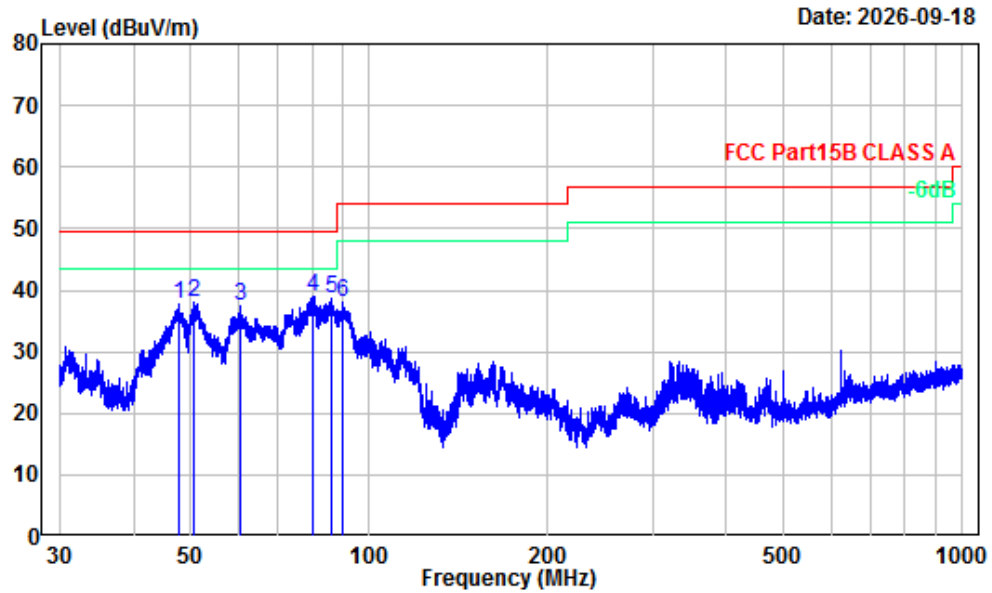
	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1875.000	-13.86	51.50	37.64	80.00	-42.36	Peak
2	2656.500	-12.00	51.84	39.84	80.00	-40.16	Peak
3	3125.500	-11.03	51.93	40.90	80.00	-39.10	Peak

*Test Mode2:***30 MHz~1 GHz****Horizontal**

Site : Chamber A
Condition : 3m Horizontal
Project Number : 2601X17461E-EM
Test Mode : Mode 2
Detector: Peak RBW/VBW: 120/500kHz
Tester : Alex Yan

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	79.556	-17.88	45.17	27.29	49.54	-22.25	Peak
2	85.861	-17.56	44.90	27.34	49.54	-22.20	Peak
3	160.135	-12.53	38.83	26.30	53.98	-27.68	Peak
4	335.594	-10.09	48.60	38.51	56.90	-18.39	Peak
5	343.331	-10.49	48.52	38.03	56.90	-18.87	Peak
6	631.688	-3.64	35.92	32.28	56.90	-24.62	Peak

Vertical

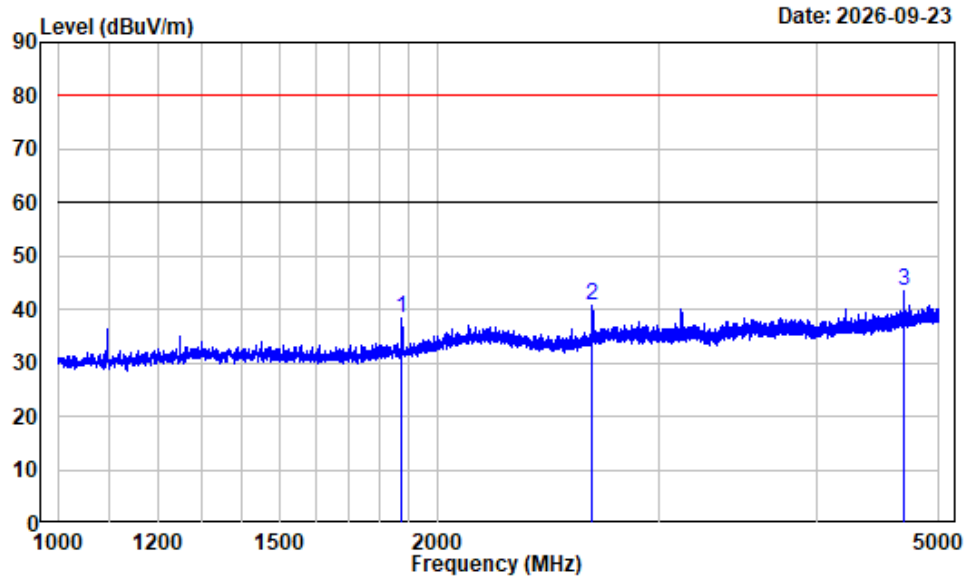


Site : Chamber A
 Condition : 3m Vertical
 Project Number : 2601X17461E-EM
 Test Mode : Mode 2
 Detector: Peak RBW/VBW: 120/500kHz
 Tester : Alex Yan

	Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	47.763	-17.12	54.97	37.85	49.54	-11.69	Peak
2	50.741	-17.92	55.84	37.92	49.54	-11.62	Peak
3	60.704	-17.65	55.04	37.39	49.54	-12.15	Peak
4	80.221	-17.73	56.68	38.95	49.54	-10.59	Peak
5	86.351	-17.53	56.07	38.54	49.54	-11.00	Peak
6	90.102	-17.57	55.67	38.10	53.98	-15.88	Peak

1 ~ 5 GHz

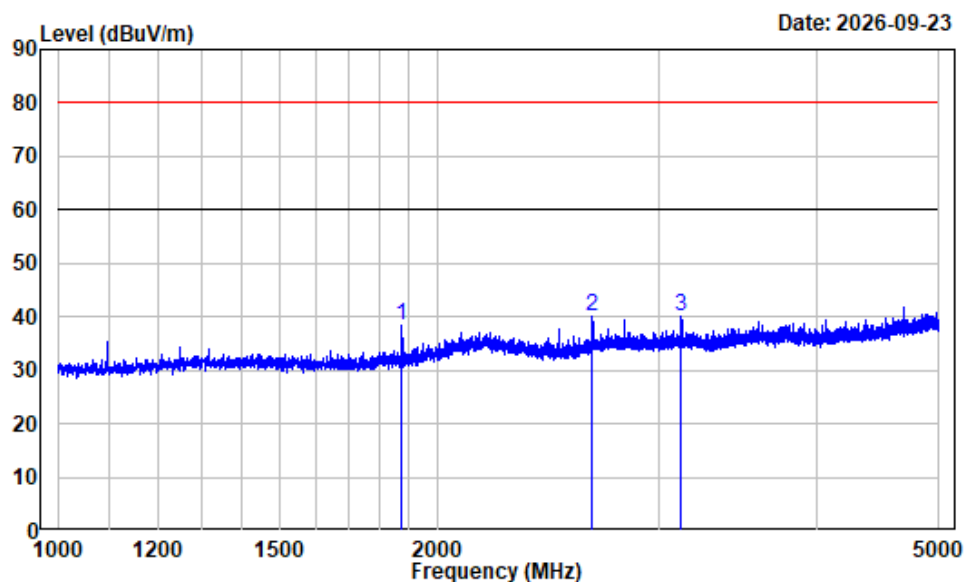
Horizontal



Site : chamber B
 Condition : Horizontal
 Project Number : 2601X17461E-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	1875.000	-13.86	52.35	38.49	80.00	-41.51	Peak
2	2656.500	-12.00	52.84	40.84	80.00	-39.16	Peak
3	4688.000	-9.81	53.21	43.40	80.00	-36.60	Peak

Vertical



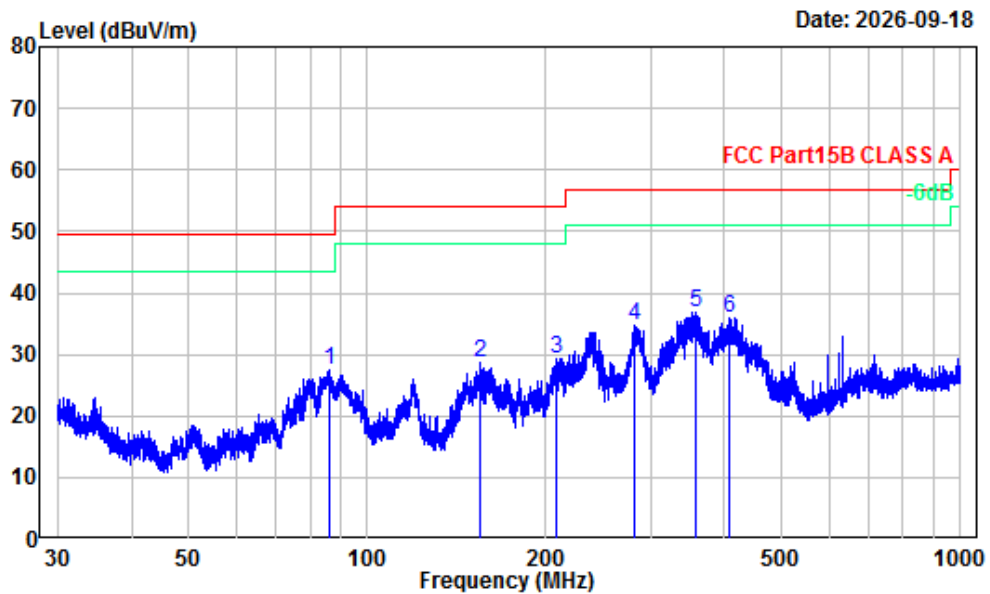
Site : chamber B
Condition : Vertical
Project Number : 2601X17461E-EM
Test mode : Mode 2
Tester : Leon Guo
Spectrum setting: Peak reading: RBW:1MHz VBW:3MHz Detector:Peak

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	1875.000	-13.86	52.08	38.22	80.00	-41.78	Peak
2	2656.500	-12.00	52.09	40.09	80.00	-39.91	Peak
3	3125.000	-11.02	51.24	40.22	80.00	-39.78	Peak

Test Mode3:

30 MHz~1 GHz

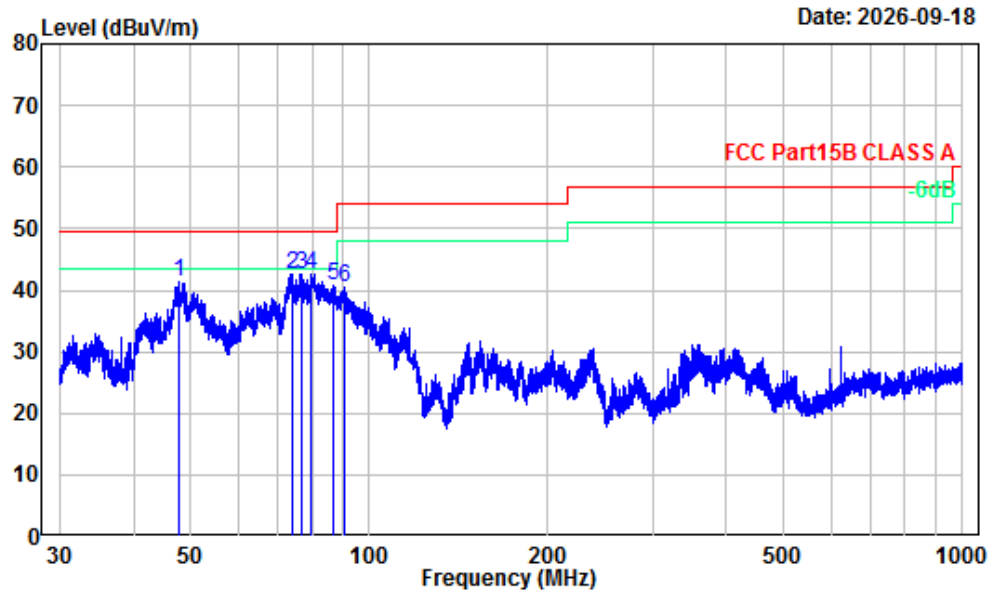
Horizontal



Site : Chamber A
 Condition : 3m Horizontal
 Project Number : 2601X17461E-EM
 Test Mode : Mode 3
 Detector: Peak RBW/VBW: 120/500kHz
 Tester : Alex Yan

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	86.541	-17.54	45.07	27.53	49.54	-22.01	Peak
2	154.617	-12.35	41.00	28.65	53.98	-25.33	Peak
3	207.577	-13.73	43.16	29.43	53.98	-24.55	Peak
4	281.995	-10.94	45.69	34.75	56.90	-22.15	Peak
5	356.989	-10.00	46.84	36.84	56.90	-20.06	Peak
6	408.946	-7.84	43.72	35.88	56.90	-21.02	Peak

Vertical

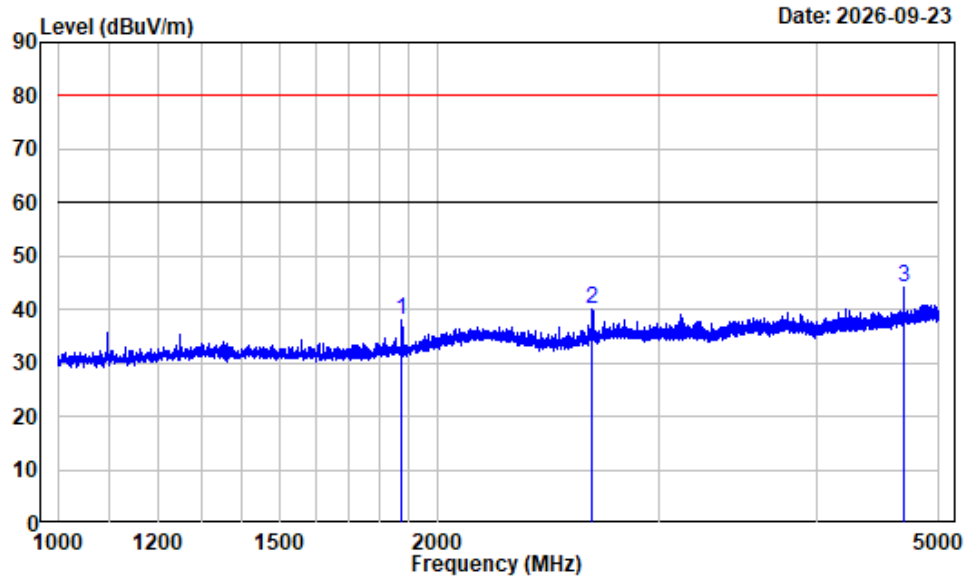


Site : Chamber A
 Condition : 3m Vertical
 Project Number : 2601X17461E-EM
 Test Mode : Mode 3
 Detector: Peak RBW/VBW: 120/500kHz
 Tester : Alex Yan

	Freq Factor		Read	Limit	Over	Remark
	MHz	dB/m	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB
1	47.868	-17.23	58.58	41.35	49.54	-8.19 Peak
2	74.135	-17.40	59.90	42.50	49.54	-7.04 Peak
3	76.781	-17.67	60.22	42.55	49.54	-6.99 Peak
4	79.800	-17.81	60.47	42.66	49.54	-6.88 Peak
5	86.769	-17.57	58.46	40.89	49.54	-8.65 Peak
6	90.458	-17.64	58.08	40.44	53.98	-13.54 Peak

1 ~ 5 GHz

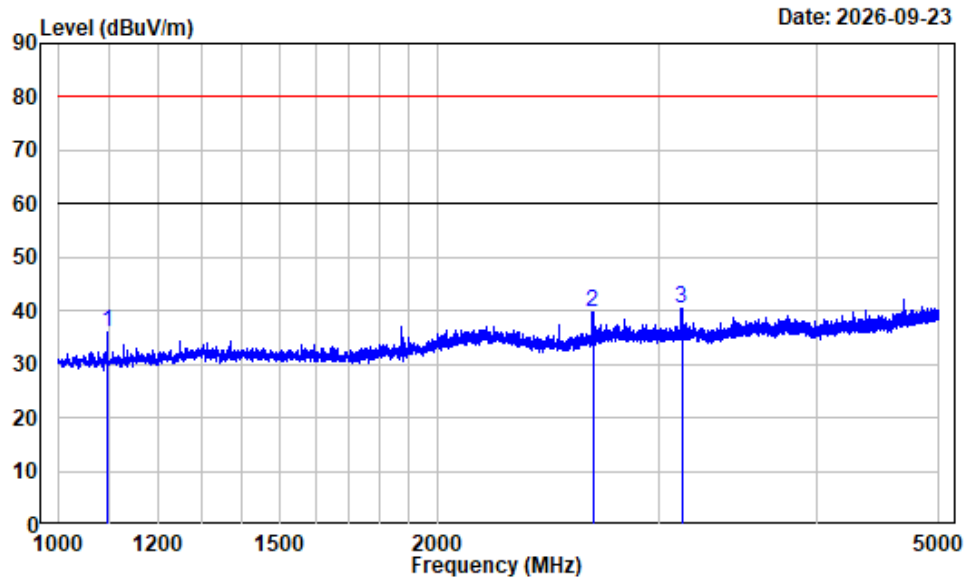
Horizontal



Site : chamber B
Condition : Horizontal
Project Number : 2601X17461E-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	1875.000	-13.86	52.06	38.20	80.00	-41.80	Peak
2	2656.500	-12.00	52.17	40.17	80.00	-39.83	Peak
3	4687.500	-9.81	53.88	44.07	80.00	-35.93	Peak

Vertical



Site : chamber B
Condition : Vertical
Project Number : 2601X17461E-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	1094.000	-15.42	51.26	35.84	80.00	-44.16 Peak
2	2657.000	-11.99	51.86	39.87	80.00	-40.13 Peak
3	3125.500	-11.03	51.57	40.54	80.00	-39.46 Peak

EUT PHOTOGRAPHS

Please refer to the attachment 2601X17461E-EM-EXP External photo and 2601X17461E-EM-INP Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2601X17461E-EM-TSP Test Setup photo.

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