TEST REPORT

Applicant Name:	Radixon s.r.o
Address:	Opatska 19, 04018 Kosice-Krasna, Slovak Republic
Report Number:	2401S70030-RF-00
FCC ID:	2AQYWG6I9

Test Standard (s)

FCC Part 15, Subpart B (Class B)

Sample Description

Product Type:	HF/VHF/UHF/SHF Receiver
Model No.:	WR-G69DDCi
Multiple Model(s) No.:	N/A
Trade Mark:	WiNRADiO
Date Received:	2024/04/09
Issue Date:	2024/07/24

Test Result:	Pass▲

▲ In the configuration tested, the EUT complied with the standards above.

Prepared and Checked By:

Bruce Lin

Bruce Lin
EMC Engineer

Approved By:

Nancy Wang

Nancy Wang
EMC Supervisor

Note: The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included.

This report may contain data that are not covered by the NVLAP accreditation and are marked with an asterisk "▼".

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
0	2401S70030-RF-00	Original Report	2024/07/24

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product	HF/VHF/UHF/SHF Receiver
Tested Model	WR-G69DDCi
Multiple Model(s)	N/A
Voltage Range	DC 3.3~12V from PCIe
Highest operating frequency#	8 GHz (Provided by the applicant)
Equipment Class	Class B
Sample number	2JK7-1 (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. Note: DUT is a kind of RF device-Amateur radio, whose transmitting portion is subject to FCC's Equipment authorized under the SDoC procedure.

Measurement Uncertainty

Item	Frequency Range		Expanded Measurement uncertainty
Conducted Emissions	AC Mains	150 kHz ~30MHz	3.84dB(k=2, 95% level of confidence)
Radiated Disturbance	30MHz~200MHz	Horizontal	4.48dB(k=2, 95% level of confidence)
	30MHz~200MHz	Vertical	4.55dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Horizontal	4.85dB(k=2, 95% level of confidence)
	200MHz~1000MHz	Vertical	5.05dB(k=2, 95% level of confidence)
	1GHz~6GHz	/	5.35dB(k=2, 95% level of confidence)
	6GHz~18GHz	/	5.44dB(k=2, 95% level of confidence)
	18GHz~40GHz	/	5.16dB(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 Mode 1: AM Receiving

Test Mode 2: FM Receiving

Operation Frequency and Test Channel

Operation Frequency Range (MHz)	Test Frequency (MHz)		
	Low	Middle	High
0.008 -80	0.009	40	79.9
43 -8000	43.1	4000	7999.9

EUT exercise software

"WiNRADiO G69DDC icon" software was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

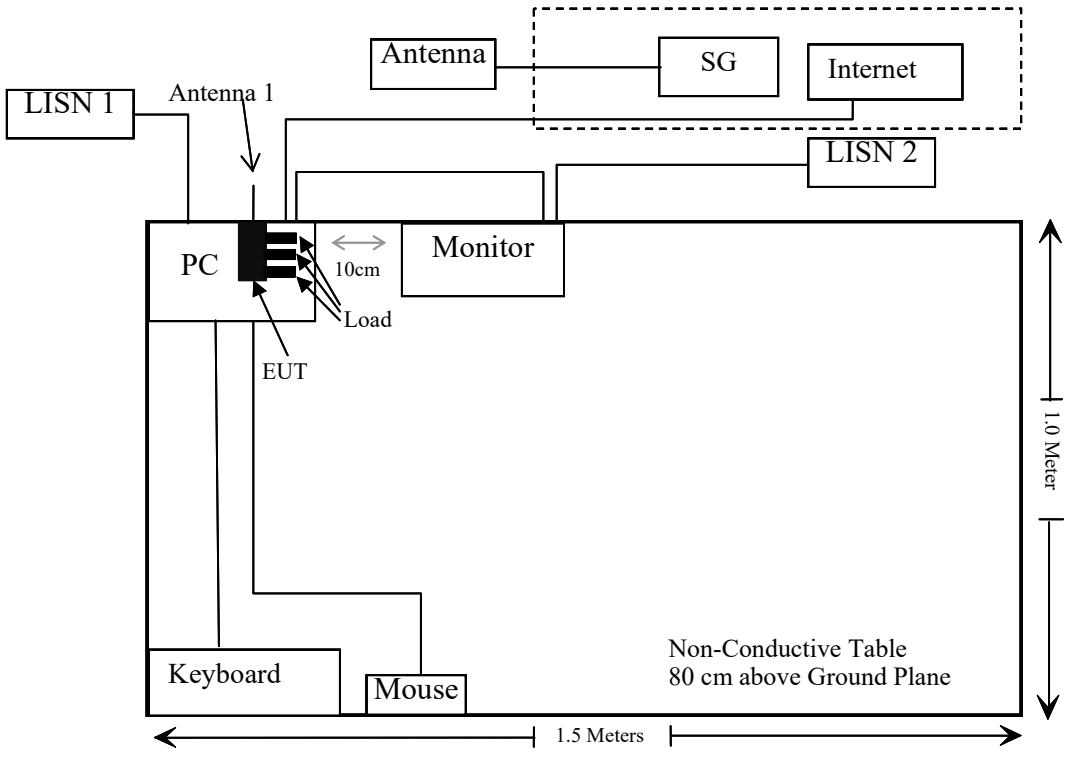
Manufacturer	Description	Model	Serial Number
BULL	Socket	GN-415K	5503290068073
HP	Signal Generator	8657A	3217A04699
COM-POWER	Antenna	AD-100	721027
DELL	PC	Optiplex 3000 Tower	BN7BJY3
AOC	Monitor	24B1	QVGP3HA038953
DELL	Keyboard	SK-8115	CN-0DJ313-71616-0CE-0ATX
DELL	Mouse	MS116P	CN-0JM49V-PRC00-8CT-0089
Unknown	Antenna 1	Unknown	Unknown
Unknown	50Ω load*3	Unknown	Unknown

External I/O Cable

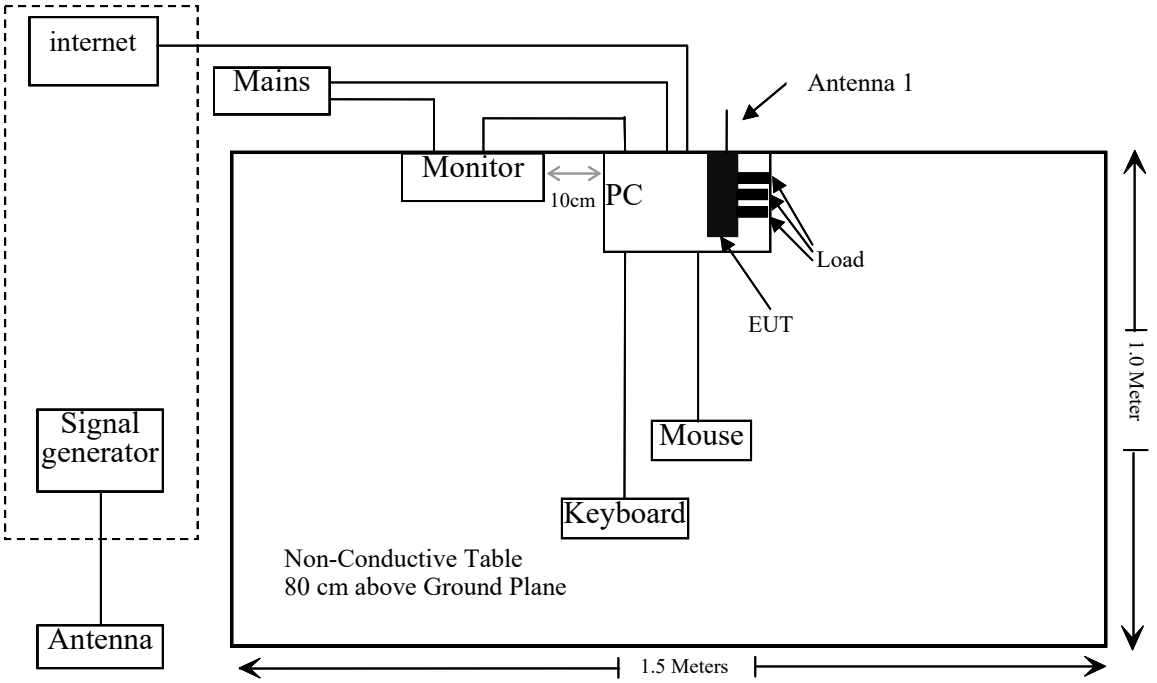
Cable Description	Length (m)	From/Port	To
Un-shielded detachable AC cable	1.2	Monitor	Mains
Un-shielded detachable AC cable	1.2	PC	Mains
Un-shielded detachable HDMI cable	1.5	PC	Monitor

Block Diagram of Test Setup

For conduction emission



For Radiated Emissions



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§15.107	AC Line Conducted Emissions	Compliant
§15.109	Radiated Emissions	Compliant
§15.111	Antenna Power Conduction Limits for Receivers	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	2024/01/16	2025/01/15
Rohde & Schwarz	LISN	ENV216	101613	2024/01/16	2025/01/15
Rohde & Schwarz	Transient Limiter	ESH3Z2	DE25985	2023/08/03	2024/08/02
Unknown	CE Cable	CE Cable	UF A210B-1-0720-504504	2023/08/03	2024/08/02
Audix	EMI Test software	E3	191218(V9)	NCR	NCR
Radiated Emission Test					
R&S	EMI Test Receiver	ESR3	102455	2024/01/16	2025/01/15
Sonoma instrument	Pre-amplifier	310 N	186238	2023/06/08	2024/06/07
Sunol Sciences	Broadband Antenna	JB1	A040904-1	2023/07/20	2026/07/19
Unknown	Cable	Chamber Cable 1	F-03-EM236	2023/08/03	2024/08/02
Unknown	Cable	Chamber Cable 4	EC-007	2023/08/03	2024/08/02
Keysight	MXG Vector Signal Generator	N5182B	MY53051503	2024/01/08	2025/01/07
Rohde & Schwarz	Spectrum Analyzer	FSV40	101605	2024/03/27	2025/03/26
COM-POWER	Pre-amplifier	PA-122	181919	2023/06/29	2024/06/28
Schwarzbeck	Horn Antenna	BBHA9120D(1201)	1143	2023/07/26	2026/07/25
Unknown	RF Cable	KMSE	0735	2023/10/08	2024/10/07
Unknown	RF Cable	UFA147	219661	2023/10/08	2024/10/07
Unknown	RF Cable	XH750A-N	J-10M	2023/10/08	2024/10/07
JD	Multiplex Switch Test Control Set	DT7220FSU	DQ77926	NCR	NCR
A.H.System	Pre-amplifier	PAM-1840VH	190	2023/08/02	2024/08/01
Electro-Mechanics Co	Horn Antenna	3116	9510-2270	2023/09/18	2026/09/17
UTIFLEX	RF Cable	NO. 13	232308-001	2023/08/03	2024/08/02
Agilent	Signal Generator	N5183A	MY50140588	2023/12/18	2024/12/17
Audix	EMI Test software	E3	191218(V9)	NCR	NCR

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
RF Conducted Test					
R&S	SPECTRUM ANALYZER	FSV40-N	102259	2024/01/16	2025/01/15
WEINSCHEL	3dB Attenuator	Unknown	F-03-EM220	2023/07/04	2024/07/03
Unknown	RF Cable	65475	01670515	2023/07/04	2024/07/03

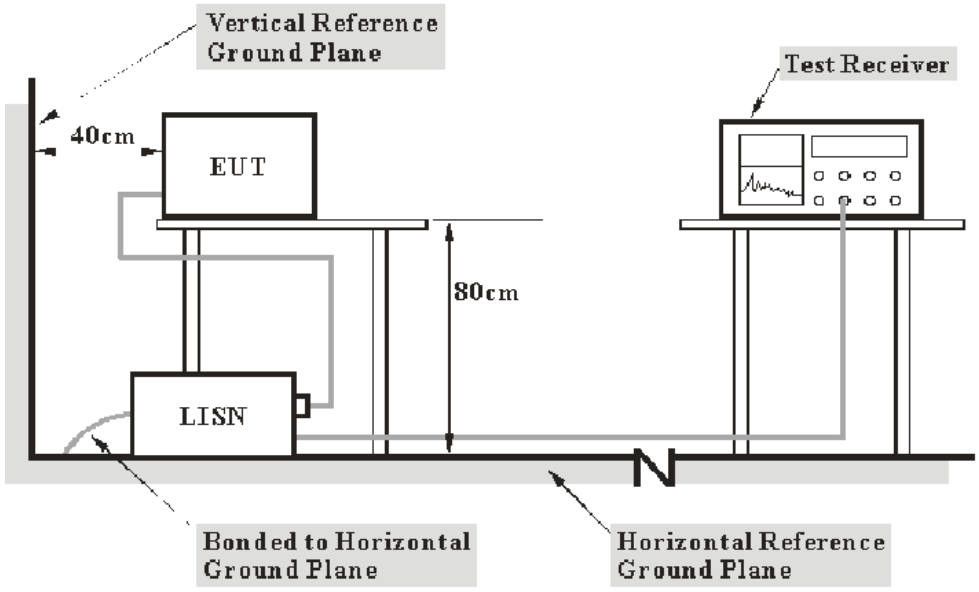
*** Statement of Traceability:** Bay Area Compliance Laboratories Corp. (Shenzhen) attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

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	IF B/W
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:

Level (dBuV) =Read Level (dBuV) +LISN Factor +Cable Loss

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

Over Limit (dB) =Level (dBuV) -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

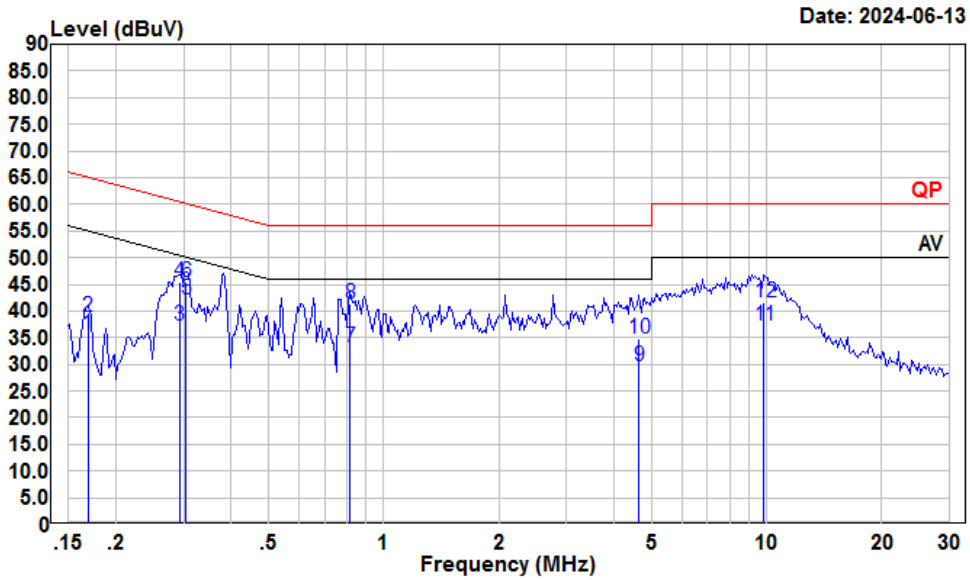
Temperature:	25~26 ℃
Relative Humidity:	55~56 %
ATM Pressure:	101 kPa

The testing was performed by Macy Shi from 2024-05-15 to 2024-06-13.

8 kHz - 80 MHz:

Low Channel

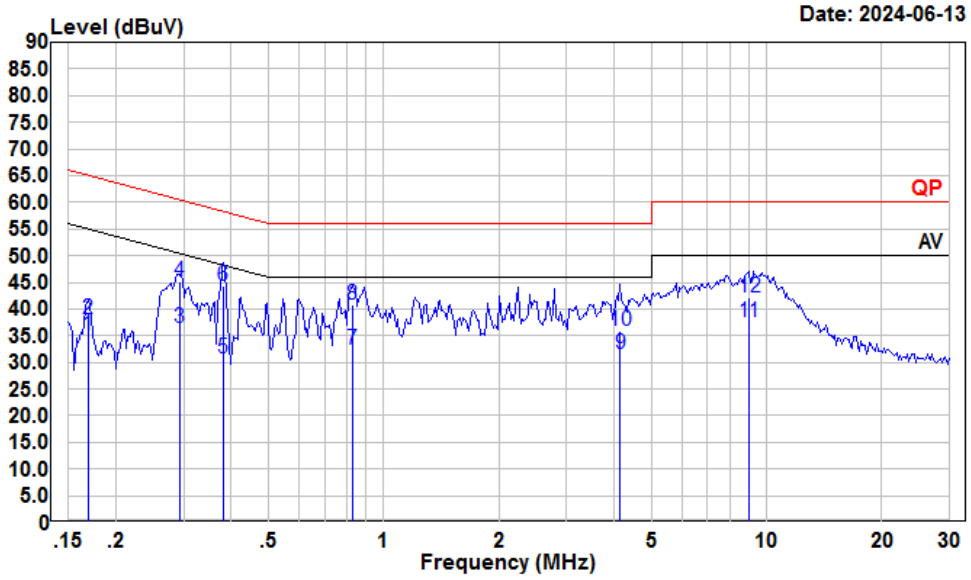
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	15.07	35.57	10.40	10.10	55.03	-19.46	Average
2	0.17	18.30	38.80	10.40	10.10	65.03	-26.23	QP
3	0.29	16.70	37.13	10.32	10.11	50.46	-13.33	Average
4	0.29	24.97	45.40	10.32	10.11	60.46	-15.06	QP
5	0.31	21.64	42.06	10.31	10.11	50.10	-8.04	Average
6	0.31	24.93	45.35	10.31	10.11	60.10	-14.75	QP
7	0.82	12.54	33.15	10.49	10.12	46.00	-12.85	Average
8	0.82	20.78	41.39	10.49	10.12	56.00	-14.61	QP
9	4.65	9.11	29.75	10.45	10.19	46.00	-16.25	Average
10	4.65	14.11	34.75	10.45	10.19	56.00	-21.25	QP
11	9.86	17.04	37.27	10.02	10.21	50.00	-12.73	Average
12	9.86	21.49	41.72	10.02	10.21	60.00	-18.28	QP

AC 120V/60 Hz, Neutral

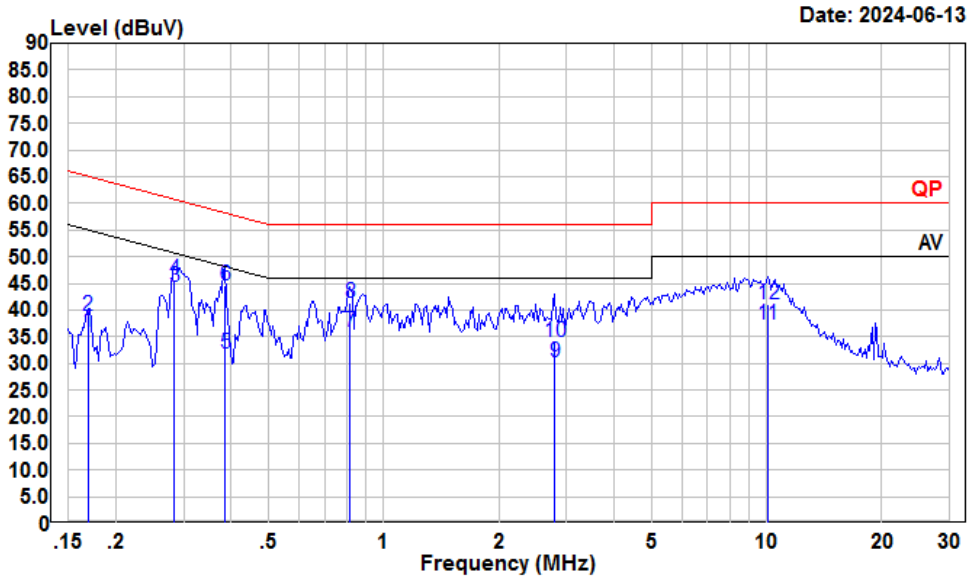


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.61	35.07	10.36	10.10	55.03	-19.96	Average
2	0.17	17.73	38.19	10.36	10.10	65.03	-26.84	QP
3	0.29	15.56	36.35	10.68	10.11	50.46	-14.11	Average
4	0.29	24.45	45.24	10.68	10.11	60.46	-15.22	QP
5	0.38	9.96	30.81	10.74	10.11	48.25	-17.44	Average
6	0.38	23.52	44.37	10.74	10.11	58.25	-13.88	QP
7	0.83	11.75	32.27	10.41	10.11	46.00	-13.73	Average
8	0.83	20.39	40.91	10.41	10.11	56.00	-15.09	QP
9	4.14	10.91	31.52	10.40	10.21	46.00	-14.48	Average
10	4.14	15.21	35.82	10.40	10.21	56.00	-20.18	QP
11	8.96	16.88	37.62	10.54	10.20	50.00	-12.38	Average
12	8.96	21.53	42.27	10.54	10.20	60.00	-17.73	QP

Test Mode 2

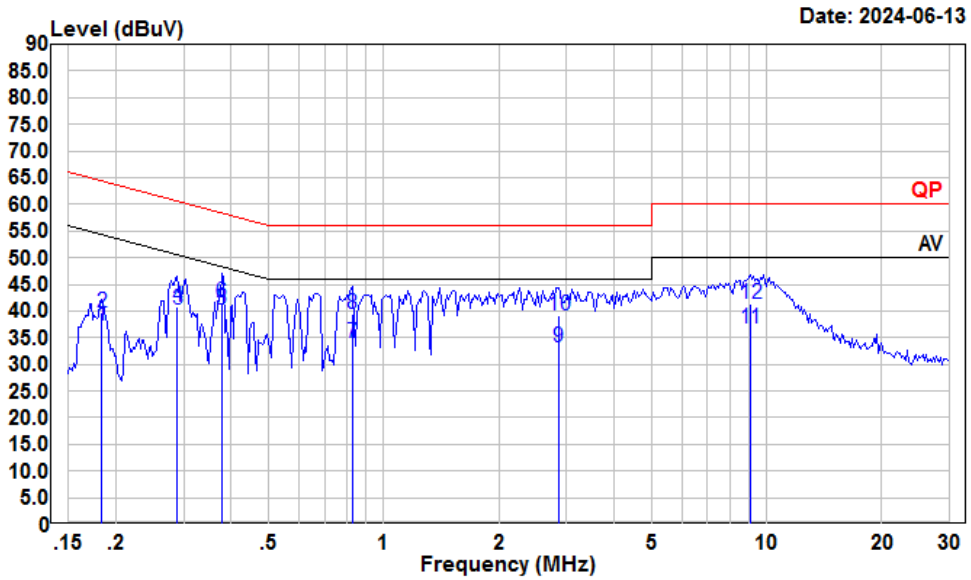
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	15.37	35.87	10.40	10.10	55.03	-19.16	Average
2	0.17	18.48	38.98	10.40	10.10	65.03	-26.05	QP
3	0.28	23.84	44.26	10.32	10.10	50.72	-6.46	Average
4	0.28	25.23	45.65	10.32	10.10	60.72	-15.07	QP
5	0.39	11.52	31.89	10.26	10.11	48.17	-16.28	Average
6	0.39	24.21	44.58	10.26	10.11	58.17	-13.59	QP
7	0.82	15.32	35.93	10.49	10.12	46.00	-10.07	Average
8	0.82	20.69	41.30	10.49	10.12	56.00	-14.70	QP
9	2.79	9.62	30.15	10.35	10.18	46.00	-15.85	Average
10	2.79	13.49	34.02	10.35	10.18	56.00	-21.98	QP
11	10.07	16.95	37.17	10.01	10.21	50.00	-12.83	Average
12	10.07	20.96	41.18	10.01	10.21	60.00	-18.82	QP

AC 120V/60 Hz, Neutral

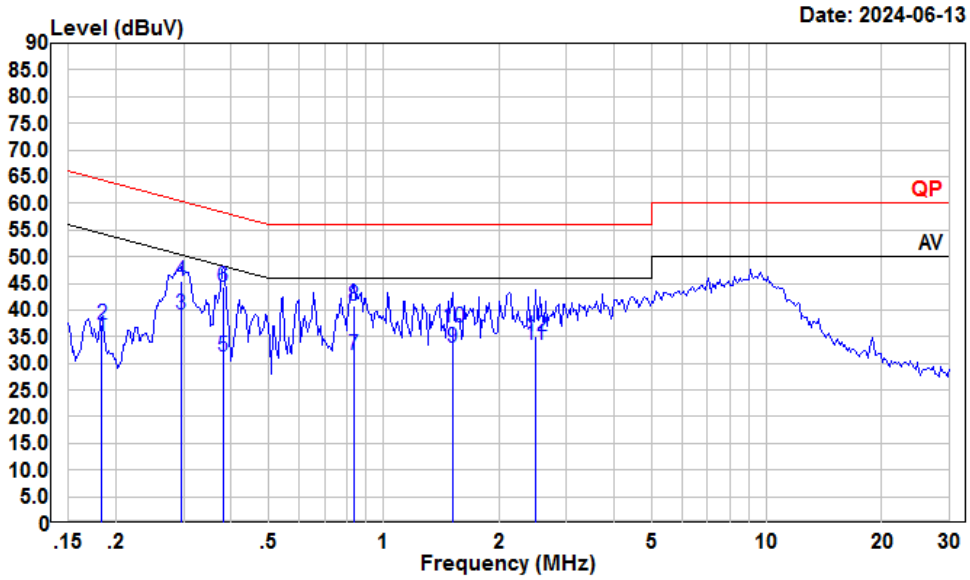


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.18	16.80	37.38	10.48	10.10	54.33	-16.95	Average
2	0.18	19.23	39.81	10.48	10.10	64.33	-24.52	QP
3	0.29	19.46	40.24	10.68	10.10	50.54	-10.30	Average
4	0.29	20.12	40.90	10.68	10.10	60.54	-19.64	QP
5	0.38	19.51	40.36	10.74	10.11	48.34	-7.98	Average
6	0.38	20.89	41.74	10.74	10.11	58.34	-16.60	QP
7	0.83	13.35	33.87	10.41	10.11	46.00	-12.13	Average
8	0.83	18.87	39.39	10.41	10.11	56.00	-16.61	QP
9	2.85	12.82	33.25	10.25	10.18	46.00	-12.75	Average
10	2.85	18.67	39.10	10.25	10.18	56.00	-16.90	QP
11	9.06	16.07	36.81	10.54	10.20	50.00	-13.19	Average
12	9.06	20.68	41.42	10.54	10.20	60.00	-18.58	QP

Middle Channel

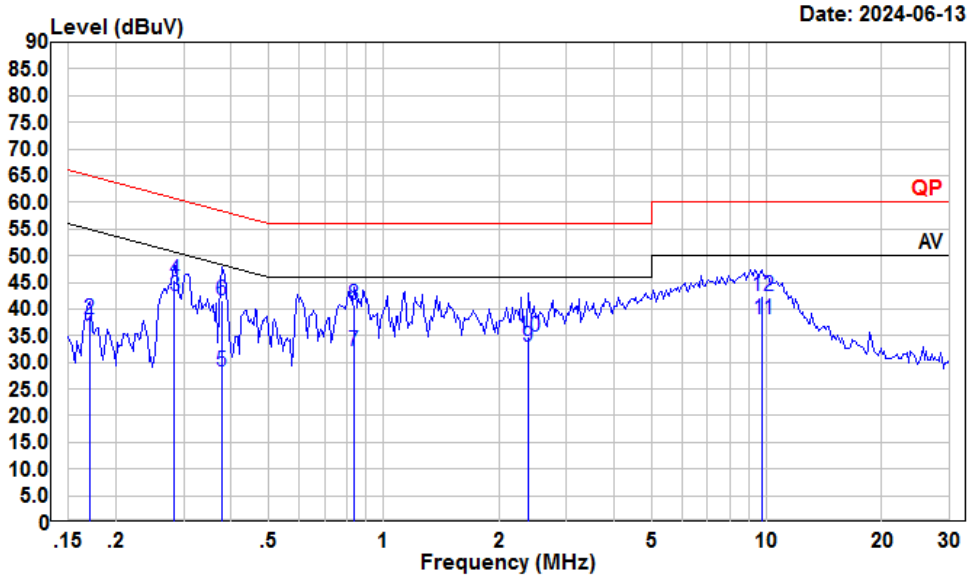
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.18	14.53	35.03	10.40	10.10	54.33	-19.30	Average
2	0.18	16.86	37.36	10.40	10.10	64.33	-26.97	QP
3	0.30	18.79	39.21	10.31	10.11	50.37	-11.16	Average
4	0.30	24.95	45.37	10.31	10.11	60.37	-15.00	QP
5	0.38	10.85	31.22	10.26	10.11	48.25	-17.03	Average
6	0.38	24.01	44.38	10.26	10.11	58.25	-13.87	QP
7	0.83	10.84	31.45	10.50	10.11	46.00	-14.55	Average
8	0.83	20.28	40.89	10.50	10.11	56.00	-15.11	QP
9	1.51	12.30	32.88	10.42	10.16	46.00	-13.12	Average
10	1.51	16.20	36.78	10.42	10.16	56.00	-19.22	QP
11	2.49	13.03	33.53	10.33	10.17	46.00	-12.47	Average
12	2.49	14.65	35.15	10.33	10.17	56.00	-20.85	QP

AC 120V/60 Hz, Neutral

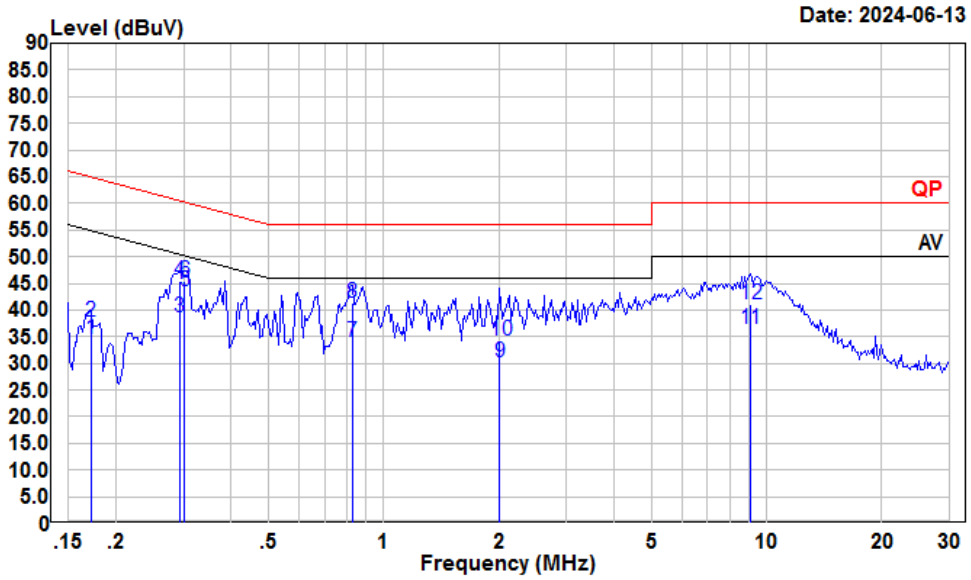


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.29	34.77	10.38	10.10	54.94	-20.17	Average
2	0.17	17.61	38.09	10.38	10.10	64.94	-26.85	QP
3	0.28	21.52	42.30	10.68	10.10	50.72	-8.42	Average
4	0.28	24.52	45.30	10.68	10.10	60.72	-15.42	QP
5	0.38	7.39	28.24	10.74	10.11	48.34	-20.10	Average
6	0.38	20.85	41.70	10.74	10.11	58.34	-16.64	QP
7	0.83	11.48	31.99	10.40	10.11	46.00	-14.01	Average
8	0.83	20.19	40.70	10.40	10.11	56.00	-15.30	QP
9	2.38	12.64	32.99	10.18	10.17	46.00	-13.01	Average
10	2.38	14.44	34.79	10.18	10.17	56.00	-21.21	QP
11	9.76	17.31	38.11	10.59	10.21	50.00	-11.89	Average
12	9.76	21.54	42.34	10.59	10.21	60.00	-17.66	QP

Test Mode 2

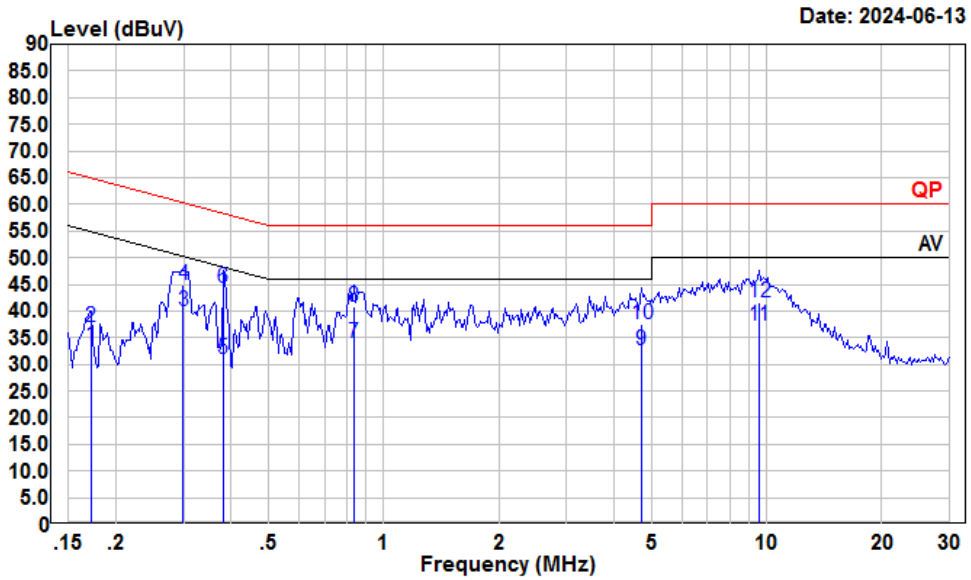
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.04	34.54	10.40	10.10	54.86	-20.32	Average
2	0.17	17.29	37.79	10.40	10.10	64.86	-27.07	QP
3	0.29	18.09	38.52	10.32	10.11	50.46	-11.94	Average
4	0.29	24.92	45.35	10.32	10.11	60.46	-15.11	QP
5	0.30	23.06	43.48	10.31	10.11	50.19	-6.71	Average
6	0.30	24.97	45.39	10.31	10.11	60.19	-14.80	QP
7	0.83	13.44	34.04	10.49	10.11	46.00	-11.96	Average
8	0.83	20.61	41.21	10.49	10.11	56.00	-14.79	QP
9	2.01	9.62	30.11	10.30	10.19	46.00	-15.89	Average
10	2.01	13.78	34.27	10.30	10.19	56.00	-21.73	QP
11	9.06	16.14	36.51	10.17	10.20	50.00	-13.49	Average
12	9.06	20.68	41.05	10.17	10.20	60.00	-18.95	QP

AC 120V/60 Hz, Neutral

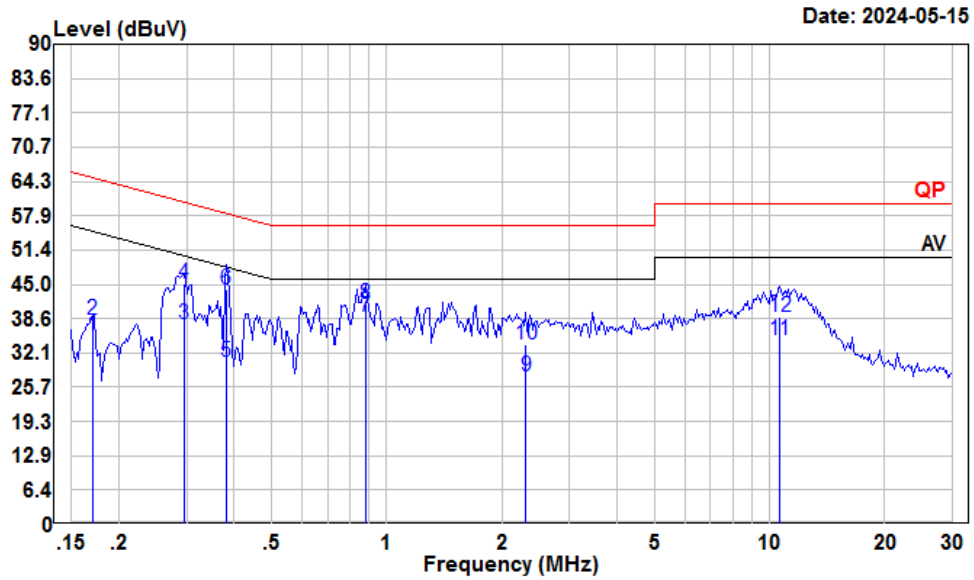


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	12.96	33.45	10.39	10.10	54.86	-21.41	Average
2	0.17	16.48	36.97	10.39	10.10	64.86	-27.89	QP
3	0.30	19.14	39.94	10.69	10.11	50.28	-10.34	Average
4	0.30	24.09	44.89	10.69	10.11	60.28	-15.39	QP
5	0.38	10.07	30.92	10.74	10.11	48.25	-17.33	Average
6	0.38	23.43	44.28	10.74	10.11	58.25	-13.97	QP
7	0.83	13.56	34.07	10.40	10.11	46.00	-11.93	Average
8	0.83	20.42	40.93	10.40	10.11	56.00	-15.07	QP
9	4.70	12.03	32.62	10.40	10.19	46.00	-13.38	Average
10	4.70	16.94	37.53	10.40	10.19	56.00	-18.47	QP
11	9.55	16.39	37.17	10.57	10.21	50.00	-12.83	Average
12	9.55	20.88	41.66	10.57	10.21	60.00	-18.34	QP

High Channel

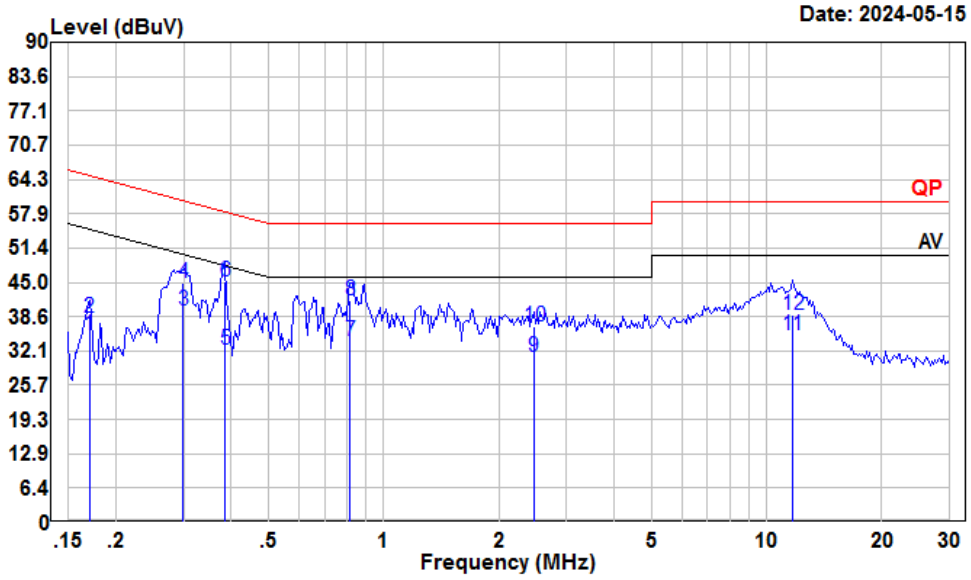
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
Tester : Macy shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.73	35.28	10.40	10.15	54.94	-19.66	Average
2	0.17	17.74	38.29	10.40	10.15	64.94	-26.65	QP
3	0.30	17.08	37.52	10.31	10.13	50.37	-12.85	Average
4	0.30	24.81	45.25	10.31	10.13	60.37	-15.12	QP
5	0.38	10.14	30.60	10.26	10.20	48.25	-17.65	Average
6	0.38	23.54	44.00	10.26	10.20	58.25	-14.25	QP
7	0.88	18.16	38.86	10.53	10.17	46.00	-7.14	Average
8	0.88	20.64	41.34	10.53	10.17	56.00	-14.66	QP
9	2.31	7.35	27.87	10.32	10.20	46.00	-18.13	Average
10	2.31	13.25	33.77	10.32	10.20	56.00	-22.23	QP
11	10.62	14.37	34.65	10.04	10.24	50.00	-15.35	Average
12	10.62	18.68	38.96	10.04	10.24	60.00	-21.04	QP

AC 120V/60 Hz, Neutral

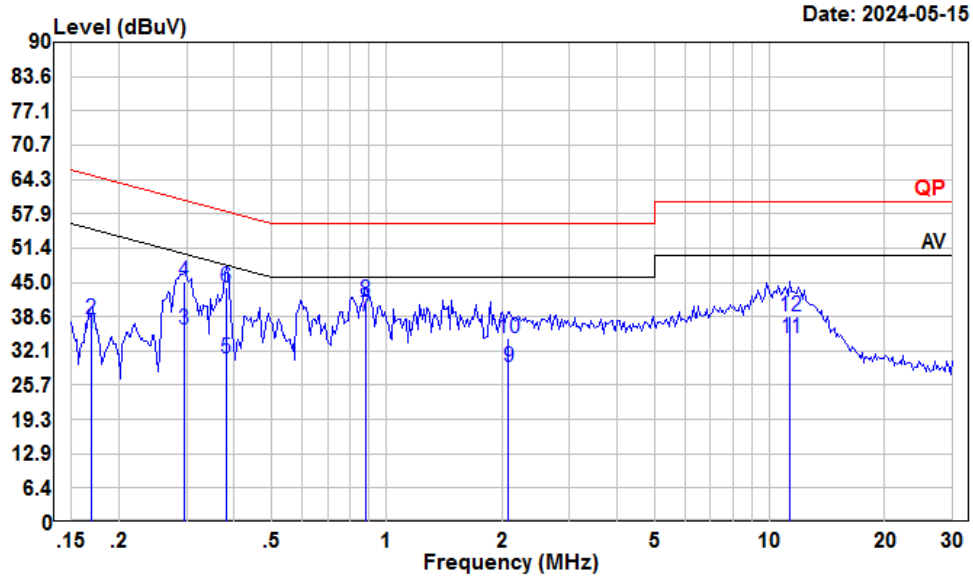


Condition: Neutral
Project : 2401S70030-RF
Tester : Macy shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.63	35.16	10.38	10.15	54.94	-19.78	Average
2	0.17	17.82	38.35	10.38	10.15	64.94	-26.59	QP
3	0.30	18.95	39.76	10.69	10.12	50.28	-10.52	Average
4	0.30	24.14	44.95	10.69	10.12	60.28	-15.33	QP
5	0.39	11.46	32.40	10.74	10.20	48.17	-15.77	Average
6	0.39	24.16	45.10	10.74	10.20	58.17	-13.07	QP
7	0.82	13.52	34.10	10.41	10.17	46.00	-11.90	Average
8	0.82	20.91	41.49	10.41	10.17	56.00	-14.51	QP
9	2.46	10.49	30.89	10.19	10.21	46.00	-15.11	Average
10	2.46	16.27	36.67	10.19	10.21	56.00	-19.33	QP
11	11.68	14.45	35.18	10.52	10.21	50.00	-14.82	Average
12	11.68	18.26	38.99	10.52	10.21	60.00	-21.01	QP

Test Mode 2

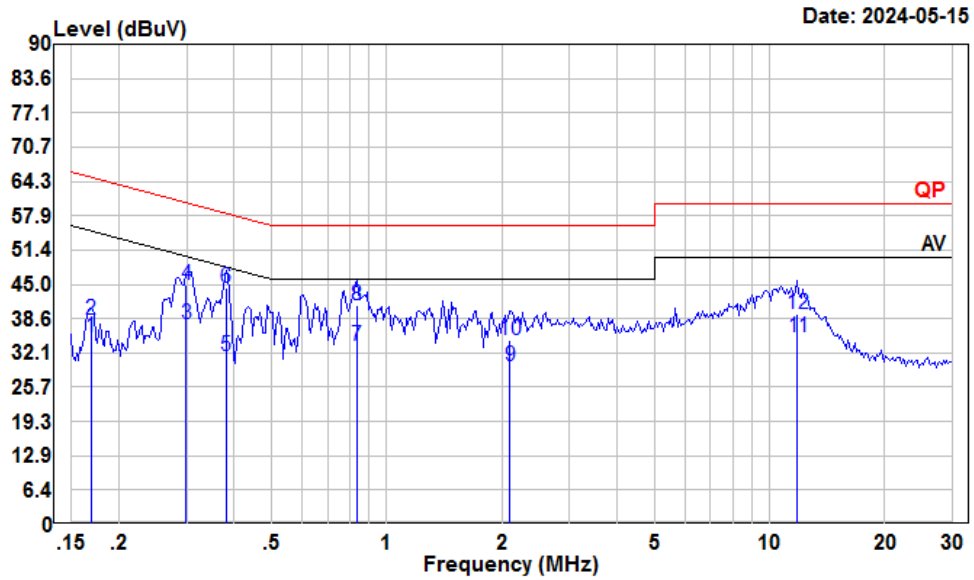
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
Tester : Macy shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.78	35.33	10.40	10.15	55.03	-19.70	Average
2	0.17	17.65	38.20	10.40	10.15	65.03	-26.83	QP
3	0.30	15.63	36.07	10.31	10.13	50.37	-14.30	Average
4	0.30	24.81	45.25	10.31	10.13	60.37	-15.12	QP
5	0.38	10.16	30.62	10.26	10.20	48.25	-17.63	Average
6	0.38	23.54	44.00	10.26	10.20	58.25	-14.25	QP
7	0.88	17.89	38.59	10.53	10.17	46.00	-7.41	Average
8	0.88	20.79	41.49	10.53	10.17	56.00	-14.51	QP
9	2.08	8.58	29.08	10.31	10.19	46.00	-16.92	Average
10	2.08	14.16	34.66	10.31	10.19	56.00	-21.34	QP
11	11.32	14.28	34.59	10.09	10.22	50.00	-15.41	Average
12	11.32	18.38	38.69	10.09	10.22	60.00	-21.31	QP

AC 120V/60 Hz, Neutral



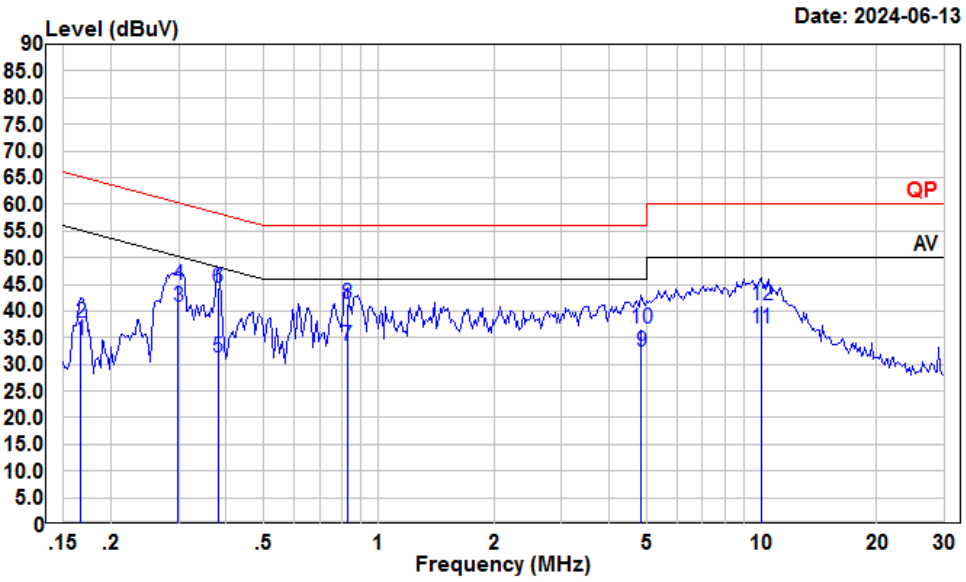
Condition: Neutral
Project : 2401S70030-RF
Tester : Macy shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.66	35.17	10.36	10.15	55.03	-19.86	Average
2	0.17	17.78	38.29	10.36	10.15	65.03	-26.74	QP
3	0.30	16.79	37.60	10.69	10.12	50.28	-12.68	Average
4	0.30	24.12	44.93	10.69	10.12	60.28	-15.35	QP
5	0.38	10.54	31.48	10.74	10.20	48.25	-16.77	Average
6	0.38	23.46	44.40	10.74	10.20	58.25	-13.85	QP
7	0.83	13.02	33.59	10.40	10.17	46.00	-12.41	Average
8	0.83	20.63	41.20	10.40	10.17	56.00	-14.80	QP
9	2.10	9.47	29.78	10.12	10.19	46.00	-16.22	Average
10	2.10	14.15	34.46	10.12	10.19	56.00	-21.54	QP
11	11.81	14.42	35.14	10.52	10.20	50.00	-14.86	Average
12	11.81	18.68	39.40	10.52	10.20	60.00	-20.60	QP

43 MHz - 8 GHz:

Low Channel

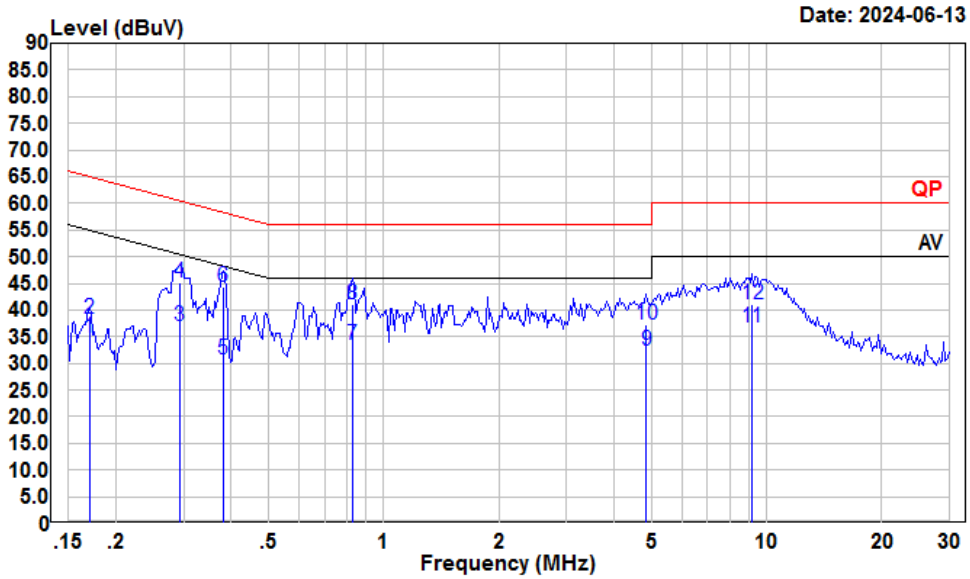
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.00	34.50	10.40	10.10	55.12	-20.62	Average
2	0.17	17.26	37.76	10.40	10.10	65.12	-27.36	QP
3	0.30	20.33	40.75	10.31	10.11	50.28	-9.53	Average
4	0.30	24.50	44.92	10.31	10.11	60.28	-15.36	QP
5	0.38	10.87	31.24	10.26	10.11	48.25	-17.01	Average
6	0.38	23.93	44.30	10.26	10.11	58.25	-13.95	QP
7	0.83	12.93	33.53	10.49	10.11	46.00	-12.47	Average
8	0.83	20.62	41.22	10.49	10.11	56.00	-14.78	QP
9	4.85	11.63	32.28	10.47	10.18	46.00	-13.72	Average
10	4.85	16.20	36.85	10.47	10.18	56.00	-19.15	QP
11	9.97	16.62	36.84	10.01	10.21	50.00	-13.16	Average
12	9.97	20.93	41.15	10.01	10.21	60.00	-18.85	QP

AC 120V/60 Hz, Neutral

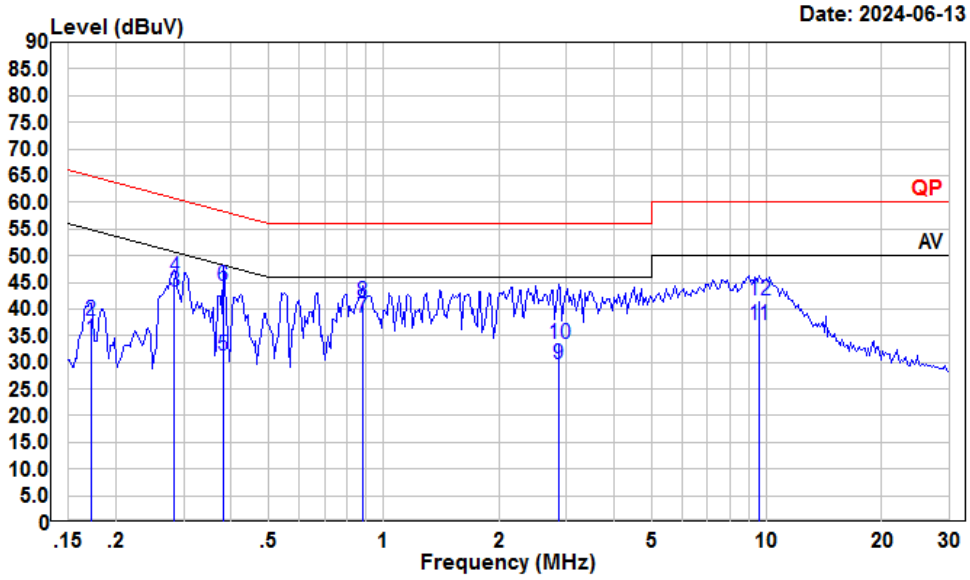


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.35	34.83	10.38	10.10	54.94	-20.11	Average
2	0.17	17.76	38.24	10.38	10.10	64.94	-26.70	QP
3	0.29	16.15	36.94	10.68	10.11	50.46	-13.52	Average
4	0.29	24.41	45.20	10.68	10.11	60.46	-15.26	QP
5	0.38	9.99	30.84	10.74	10.11	48.25	-17.41	Average
6	0.38	23.40	44.25	10.74	10.11	58.25	-14.00	QP
7	0.83	12.80	33.32	10.41	10.11	46.00	-12.68	Average
8	0.83	20.48	41.00	10.41	10.11	56.00	-15.00	QP
9	4.85	11.88	32.46	10.40	10.18	46.00	-13.54	Average
10	4.85	16.55	37.13	10.40	10.18	56.00	-18.87	QP
11	9.16	16.03	36.78	10.55	10.20	50.00	-13.22	Average
12	9.16	20.40	41.15	10.55	10.20	60.00	-18.85	QP

Test Mode 2

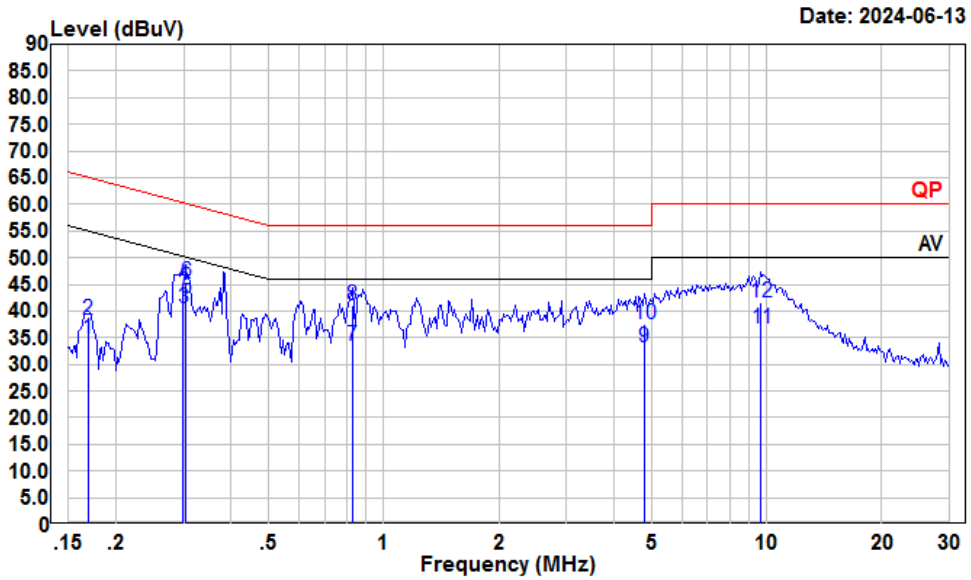
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	13.79	34.29	10.40	10.10	54.86	-20.57	Average
2	0.17	17.42	37.92	10.40	10.10	64.86	-26.94	QP
3	0.28	22.93	43.35	10.32	10.10	50.72	-7.37	Average
4	0.28	25.46	45.88	10.32	10.10	60.72	-14.84	QP
5	0.38	10.92	31.29	10.26	10.11	48.25	-16.96	Average
6	0.38	23.85	44.22	10.26	10.11	58.25	-14.03	QP
7	0.88	17.77	38.40	10.53	10.10	46.00	-7.60	Average
8	0.88	20.81	41.44	10.53	10.10	56.00	-14.56	QP
9	2.85	9.25	29.78	10.35	10.18	46.00	-16.22	Average
10	2.85	12.93	33.46	10.35	10.18	56.00	-22.54	QP
11	9.55	16.69	36.98	10.08	10.21	50.00	-13.02	Average
12	9.55	21.21	41.50	10.08	10.21	60.00	-18.50	QP

AC 120V/60 Hz, Neutral

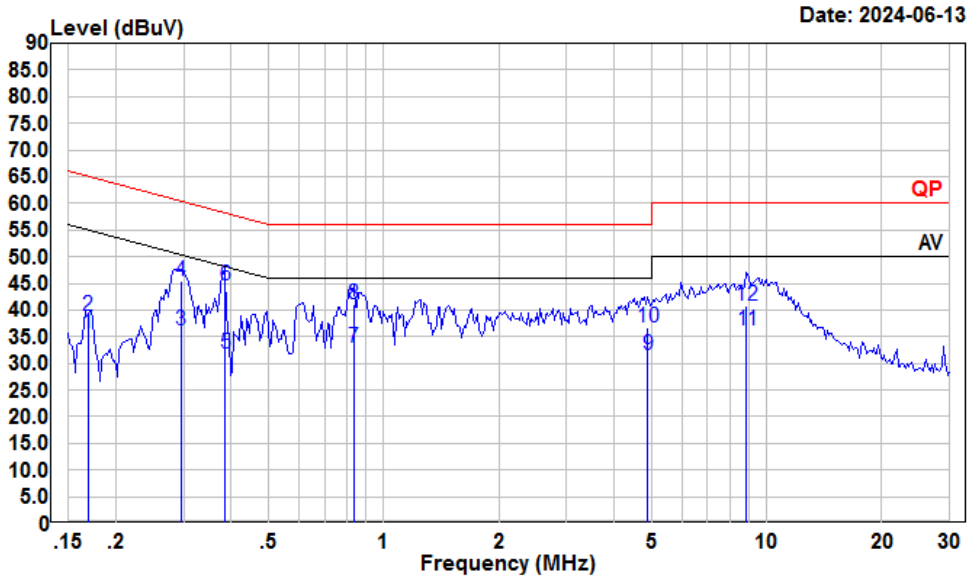


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	Level	LISN Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	14.45	34.91	10.36	10.10	55.03	-20.12	Average
2	0.17	17.77	38.23	10.36	10.10	65.03	-26.80	QP
3	0.30	19.70	40.50	10.69	10.11	50.28	-9.78	Average
4	0.30	24.07	44.87	10.69	10.11	60.28	-15.41	QP
5	0.31	21.60	42.40	10.69	10.11	50.10	-7.70	Average
6	0.31	24.53	45.33	10.69	10.11	60.10	-14.77	QP
7	0.83	12.91	33.43	10.41	10.11	46.00	-12.57	Average
8	0.83	20.56	41.08	10.41	10.11	56.00	-14.92	QP
9	4.80	12.47	33.06	10.40	10.19	46.00	-12.94	Average
10	4.80	16.82	37.41	10.40	10.19	56.00	-18.59	QP
11	9.65	16.02	36.81	10.58	10.21	50.00	-13.19	Average
12	9.65	20.79	41.58	10.58	10.21	60.00	-18.42	QP

Middle Channel

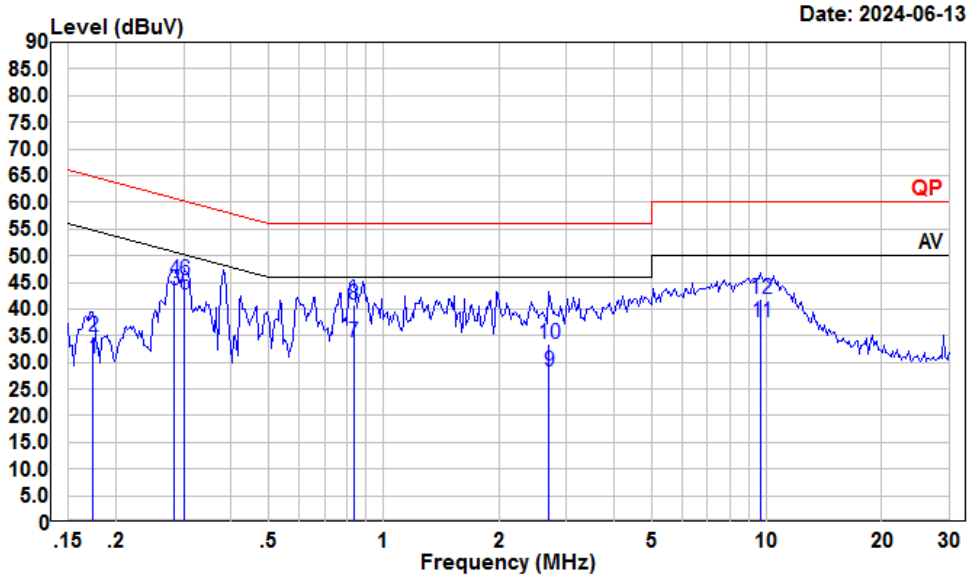
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	15.12	35.62	10.40	10.10	55.03	-19.41	Average
2	0.17	18.36	38.86	10.40	10.10	65.03	-26.17	QP
3	0.30	15.62	36.04	10.31	10.11	50.37	-14.33	Average
4	0.30	24.96	45.38	10.31	10.11	60.37	-14.99	QP
5	0.39	11.36	31.73	10.26	10.11	48.17	-16.44	Average
6	0.39	24.16	44.53	10.26	10.11	58.17	-13.64	QP
7	0.83	12.23	32.84	10.50	10.11	46.00	-13.16	Average
8	0.83	20.41	41.02	10.50	10.11	56.00	-14.98	QP
9	4.90	10.91	31.56	10.47	10.18	46.00	-14.44	Average
10	4.90	16.18	36.83	10.47	10.18	56.00	-19.17	QP
11	8.87	15.87	36.27	10.20	10.20	50.00	-13.73	Average
12	8.87	20.35	40.75	10.20	10.20	60.00	-19.25	QP

AC 120V/60 Hz, Neutral

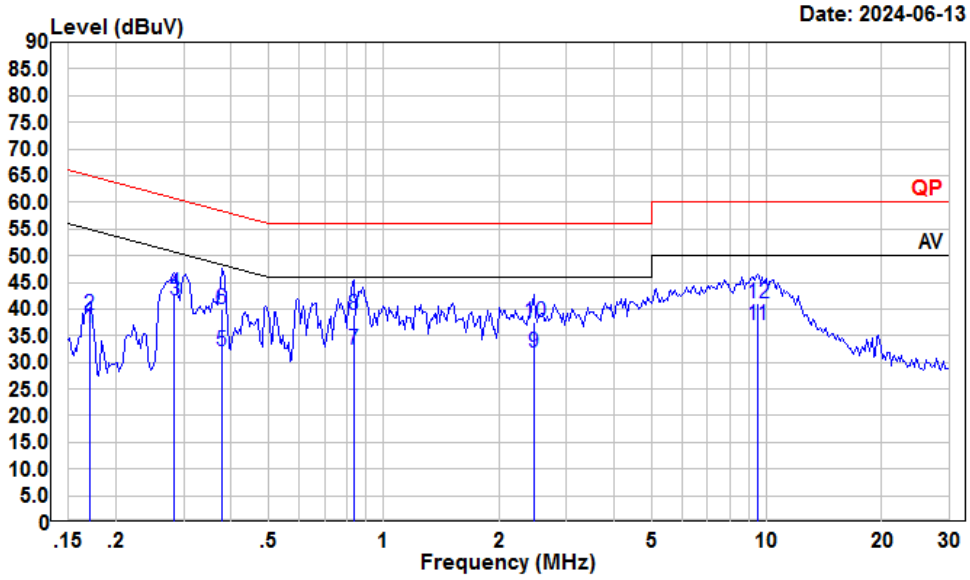


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	10.19	30.70	10.41	10.10	54.77	-24.07	Average
2	0.17	14.42	34.93	10.41	10.10	64.77	-29.84	QP
3	0.28	22.61	43.39	10.68	10.10	50.72	-7.33	Average
4	0.28	24.71	45.49	10.68	10.10	60.72	-15.23	QP
5	0.30	21.87	42.67	10.69	10.11	50.19	-7.52	Average
6	0.30	24.53	45.33	10.69	10.11	60.19	-14.86	QP
7	0.83	13.34	33.85	10.40	10.11	46.00	-12.15	Average
8	0.83	20.31	40.82	10.40	10.11	56.00	-15.18	QP
9	2.71	7.98	28.38	10.23	10.17	46.00	-17.62	Average
10	2.71	12.95	33.35	10.23	10.17	56.00	-22.65	QP
11	9.65	16.66	37.45	10.58	10.21	50.00	-12.55	Average
12	9.65	21.12	41.91	10.58	10.21	60.00	-18.09	QP

Test Mode 2

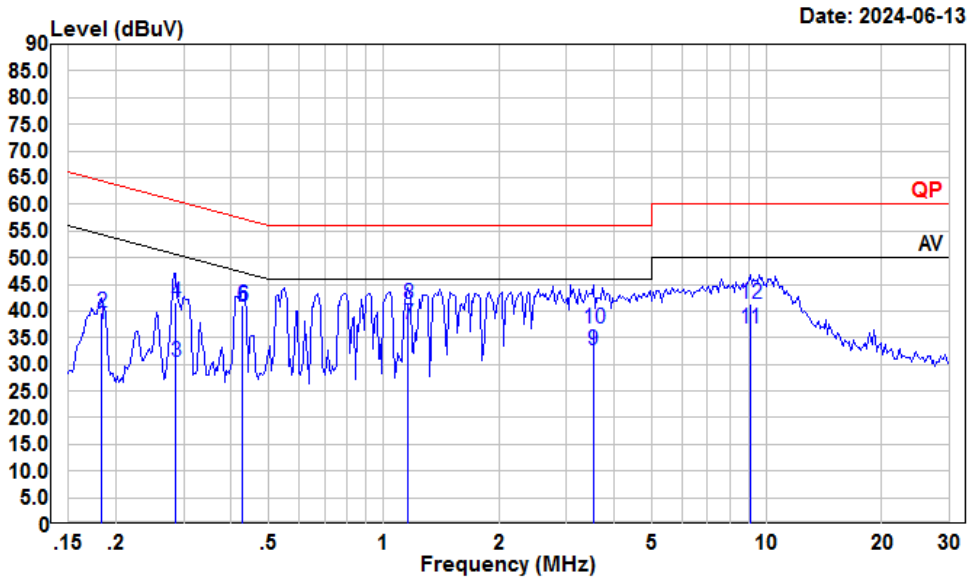
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	15.93	36.43	10.40	10.10	54.94	-18.51	Average
2	0.17	18.46	38.96	10.40	10.10	64.94	-25.98	QP
3	0.28	21.12	41.54	10.32	10.10	50.72	-9.18	Average
4	0.28	22.67	43.09	10.32	10.10	60.72	-17.63	QP
5	0.38	11.64	32.01	10.26	10.11	48.34	-16.33	Average
6	0.38	19.71	40.08	10.26	10.11	58.34	-18.26	QP
7	0.83	11.87	32.48	10.50	10.11	46.00	-13.52	Average
8	0.83	18.25	38.86	10.50	10.11	56.00	-17.14	QP
9	2.46	11.38	31.88	10.33	10.17	46.00	-14.12	Average
10	2.46	16.93	37.43	10.33	10.17	56.00	-18.57	QP
11	9.45	16.62	36.92	10.09	10.21	50.00	-13.08	Average
12	9.45	20.87	41.17	10.09	10.21	60.00	-18.83	QP

AC 120V/60 Hz, Neutral

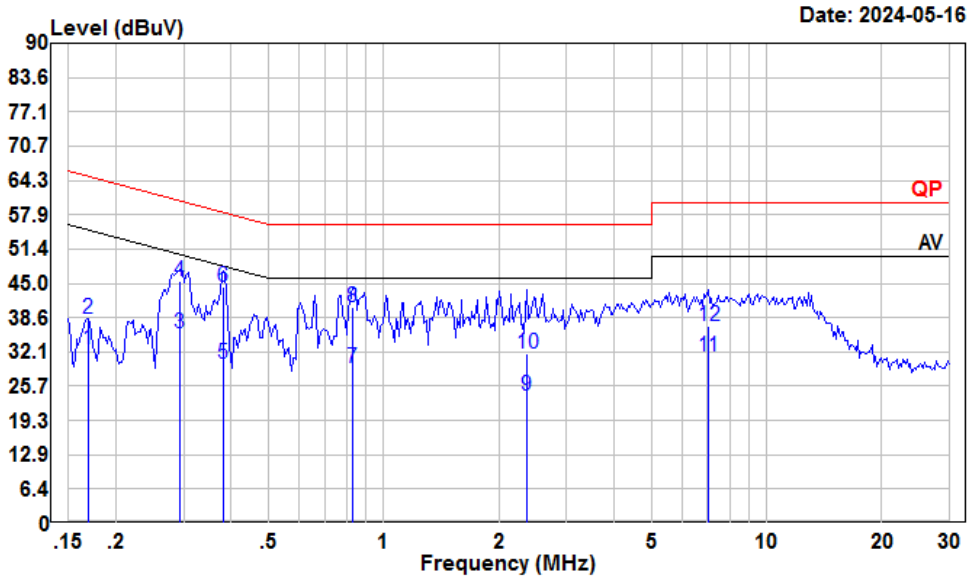


Condition: Neutral
Project : 2401S70030-RF
tester : Macy.shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.18	16.93	37.51	10.48	10.10	54.33	-16.82	Average
2	0.18	19.26	39.84	10.48	10.10	64.33	-24.49	QP
3	0.29	9.59	30.37	10.68	10.10	50.63	-20.26	Average
4	0.29	20.89	41.67	10.68	10.10	60.63	-18.96	QP
5	0.43	19.84	40.72	10.77	10.11	47.29	-6.57	Average
6	0.43	20.17	41.05	10.77	10.11	57.29	-16.24	QP
7	1.16	17.20	37.59	10.26	10.13	46.00	-8.41	Average
8	1.16	21.05	41.44	10.26	10.13	56.00	-14.56	QP
9	3.53	12.07	32.62	10.35	10.20	46.00	-13.38	Average
10	3.53	16.03	36.58	10.35	10.20	56.00	-19.42	QP
11	9.06	15.95	36.69	10.54	10.20	50.00	-13.31	Average
12	9.06	20.61	41.35	10.54	10.20	60.00	-18.65	QP

High Channel

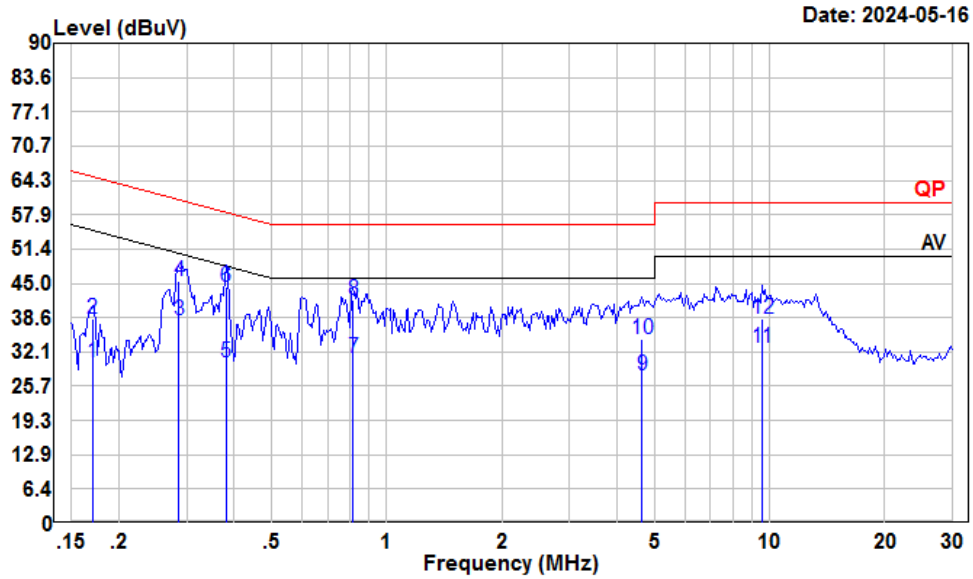
Test Mode 1
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
Tester : Macy shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	12.22	32.77	10.40	10.15	55.03	-22.26	Average
2	0.17	17.78	38.33	10.40	10.15	65.03	-26.70	QP
3	0.29	15.08	35.53	10.32	10.13	50.46	-14.93	Average
4	0.29	25.01	45.46	10.32	10.13	60.46	-15.00	QP
5	0.38	9.34	29.80	10.26	10.20	48.25	-18.45	Average
6	0.38	23.88	44.34	10.26	10.20	58.25	-13.91	QP
7	0.83	8.33	28.99	10.49	10.17	46.00	-17.01	Average
8	0.83	19.95	40.61	10.49	10.17	56.00	-15.39	QP
9	2.36	3.40	23.92	10.32	10.20	46.00	-22.08	Average
10	2.36	11.30	31.82	10.32	10.20	56.00	-24.18	QP
11	7.03	10.36	31.17	10.59	10.22	50.00	-18.83	Average
12	7.03	16.27	37.08	10.59	10.22	60.00	-22.92	QP

AC 120V/60 Hz, Neutral

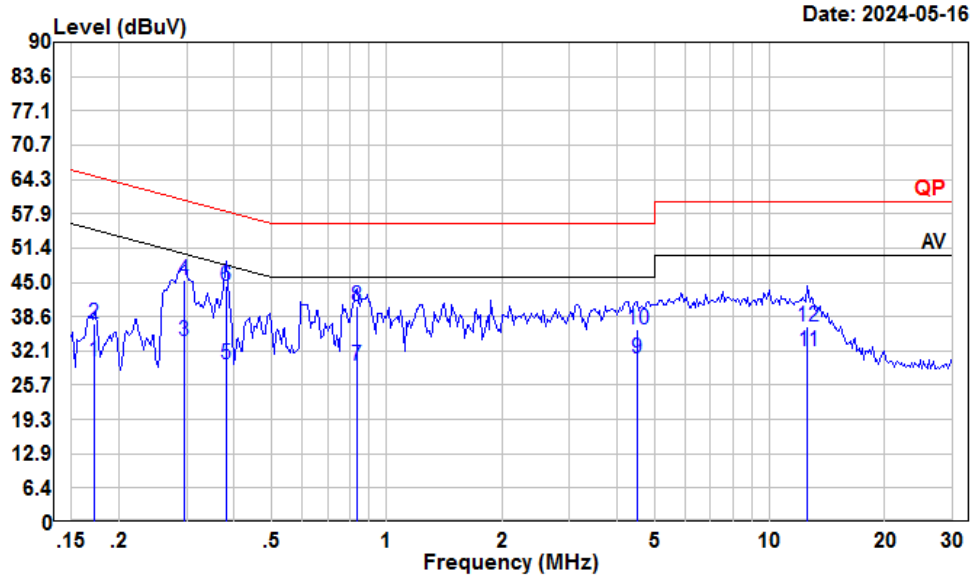


Condition: Neutral
Project : 2401S70030-RF
Tester : Macy shi
Note : AM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	9.77	30.30	10.38	10.15	54.94	-24.64	Average
2	0.17	17.80	38.33	10.38	10.15	64.94	-26.61	QP
3	0.29	17.34	38.16	10.68	10.14	50.63	-12.47	Average
4	0.29	24.60	45.42	10.68	10.14	60.63	-15.21	QP
5	0.38	9.31	30.25	10.74	10.20	48.25	-18.00	Average
6	0.38	23.46	44.40	10.74	10.20	58.25	-13.85	QP
7	0.82	10.54	31.12	10.41	10.17	46.00	-14.88	Average
8	0.82	21.34	41.92	10.41	10.17	56.00	-14.08	QP
9	4.65	7.18	27.81	10.40	10.23	46.00	-18.19	Average
10	4.65	14.00	34.63	10.40	10.23	56.00	-21.37	QP
11	9.55	12.07	32.89	10.57	10.25	50.00	-17.11	Average
12	9.55	17.56	38.38	10.57	10.25	60.00	-21.62	QP

Test Mode 2

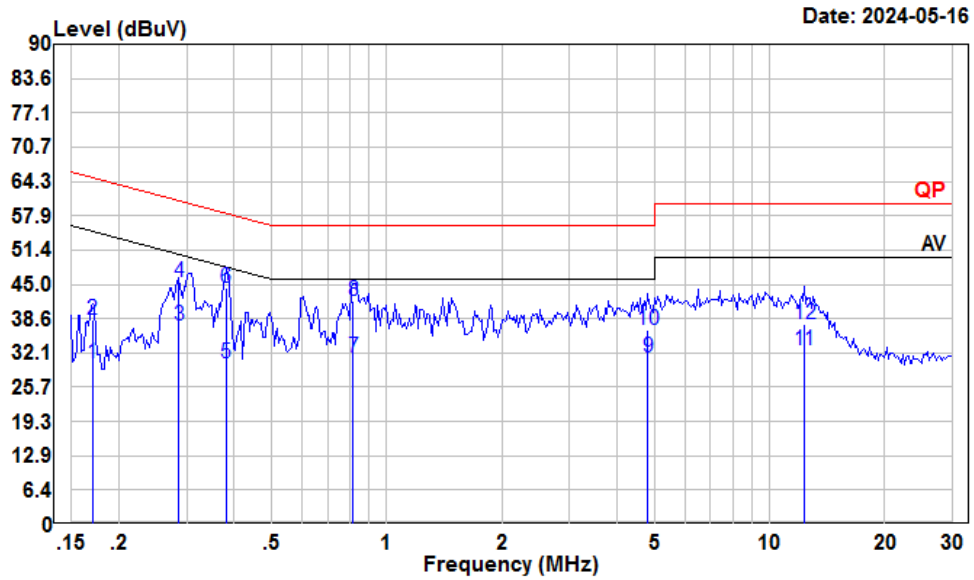
AC 120V/60 Hz, Line



Condition: Line
Project : 2401S70030-RF
Tester : Macy shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	9.63	30.18	10.40	10.15	54.86	-24.68	Average
2	0.17	16.68	37.23	10.40	10.15	64.86	-27.63	QP
3	0.30	13.54	33.98	10.31	10.13	50.37	-16.39	Average
4	0.30	25.01	45.45	10.31	10.13	60.37	-14.92	QP
5	0.38	9.29	29.75	10.26	10.20	48.25	-18.50	Average
6	0.38	23.86	44.32	10.26	10.20	58.25	-13.93	QP
7	0.83	8.63	29.30	10.50	10.17	46.00	-16.70	Average
8	0.83	19.79	40.46	10.50	10.17	56.00	-15.54	QP
9	4.50	9.95	30.63	10.44	10.24	46.00	-15.37	Average
10	4.50	15.50	36.18	10.44	10.24	56.00	-19.82	QP
11	12.58	11.72	32.07	10.17	10.18	50.00	-17.93	Average
12	12.58	16.48	36.83	10.17	10.18	60.00	-23.17	QP

AC 120V/60 Hz, Neutral



Condition: Neutral
Project : 2401S70030-RF
Tester : Macy shi
Note : FM Receiving

	Freq	Read Level	LISN Level	Factor	Cable Loss	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dBuV	dB	
1	0.17	9.74	30.27	10.38	10.15	54.94	-24.67	Average
2	0.17	17.74	38.27	10.38	10.15	64.94	-26.67	QP
3	0.29	16.55	37.37	10.68	10.14	50.63	-13.26	Average
4	0.29	24.57	45.39	10.68	10.14	60.63	-15.24	QP
5	0.38	9.33	30.27	10.74	10.20	48.25	-17.98	Average
6	0.38	23.45	44.39	10.74	10.20	58.25	-13.86	QP
7	0.82	10.65	31.23	10.41	10.17	46.00	-14.77	Average
8	0.82	21.39	41.97	10.41	10.17	56.00	-14.03	QP
9	4.80	10.53	31.16	10.40	10.23	46.00	-14.84	Average
10	4.80	15.85	36.48	10.40	10.23	56.00	-19.52	QP
11	12.32	11.88	32.57	10.50	10.19	50.00	-17.43	Average
12	12.32	16.96	37.65	10.50	10.19	60.00	-22.35	QP

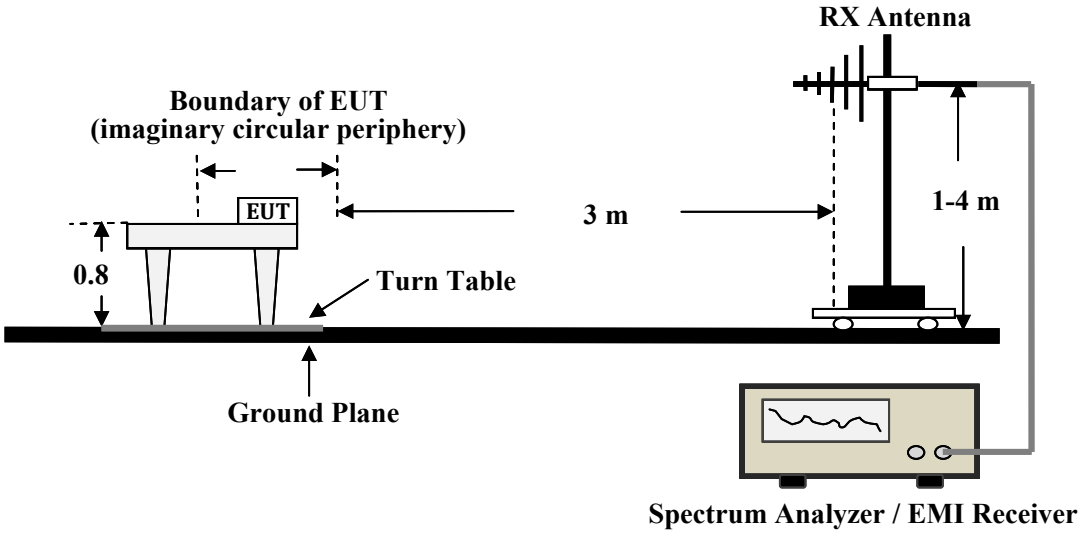
FCC §15.109 - RADIATED EMISSIONS

Applicable Standard

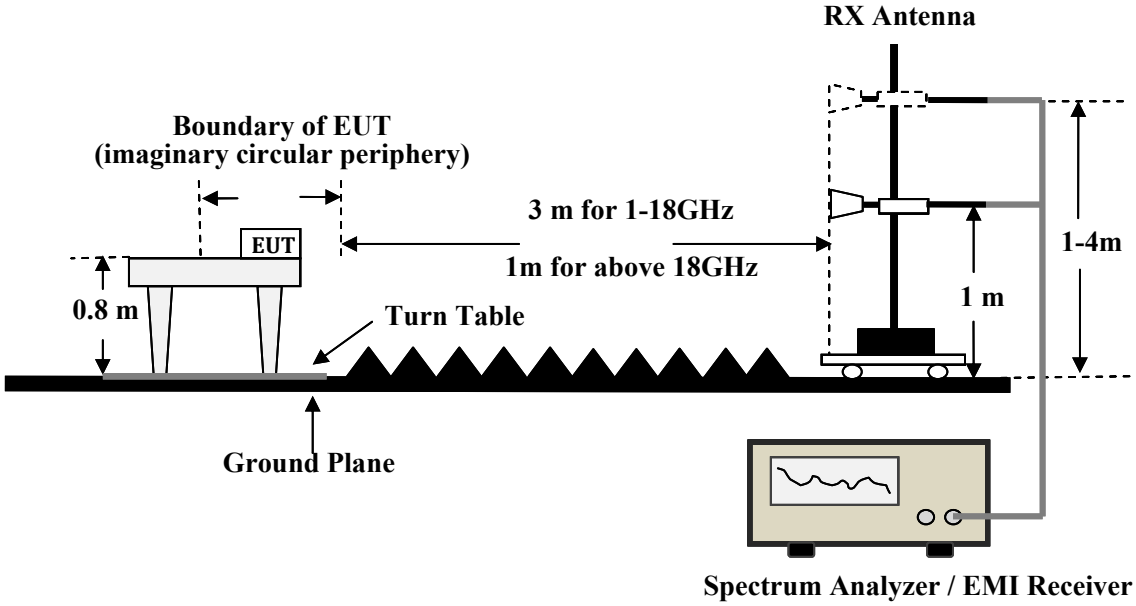
FCC §15.109

EUT Setup

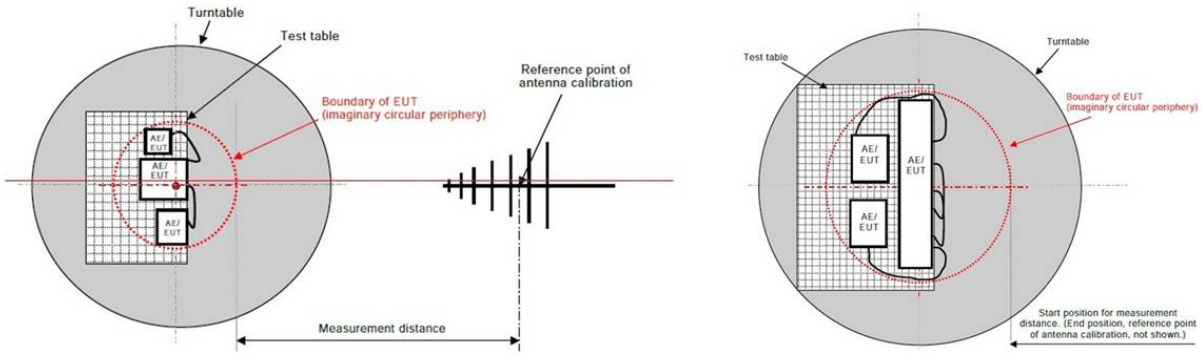
Below 1GHz for Radiated Emissions



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	/	Ave.

Test Procedure

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

All data was recorded in the Quasi-peak detector mode from 30 MHz to 1 GHz and PK and average detector modes for frequencies above 1 GHz.

According to FCC part 15.31(f)(1): For field strength measurements made at other than the distance at which the applicable limit is specified, extrapolate the measured field strength to the field strength at the distance specified by the limit using an inverse distance correction factor (20 dB/decade of distance).

So the extrapolation factor of 1m is 20*log(1/3)= -9.5 dB, for 18-40GHz range, the limit of 1m distance was added by 9.5dB from limit of 3m to compared with the result measurement at 1m distance.

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:

Factor = Antenna Factor + Cable Loss - Amplifier Gain

Level = Read Level + 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 B. The equation for Over Limit calculation is as follows:

Over limit = Level– Limit

Test Data

Environmental Conditions

Temperature:	25~25.3 ℃
Relative Humidity:	50~54 %
ATM Pressure:	101 kPa

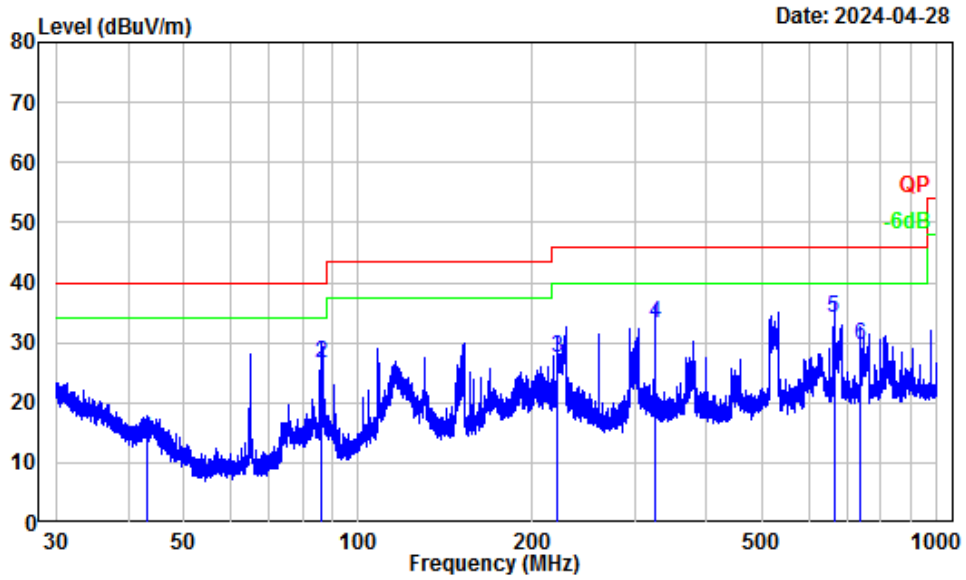
The testing was performed by Warren Huang on 2024-04-28 for below 1GHz and Tyler Wu from 2024-05-15 to 2024-07-02 for above 1GHz.

Note: Pre-scan in the X, Y and Z axes of orientation, the worst case X-axis of orientation was recorded.

8 kHz - 80 MHz

Test Mode 1
(0.009MHz)
30 MHz~1 GHz

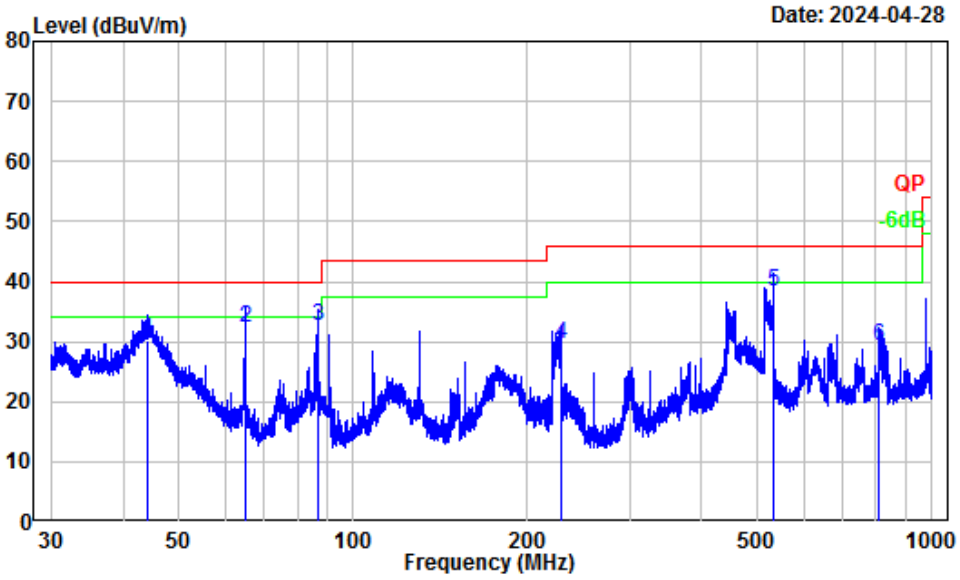
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.26	-13.59	27.41	13.82	40.00	-26.18	QP
2	86.58	-18.15	44.58	26.43	40.00	-13.57	QP
3	220.81	-13.91	41.49	27.58	46.00	-18.42	QP
4	325.03	-12.38	45.57	33.19	46.00	-12.81	QP
5	663.76	-6.53	40.56	34.03	46.00	-11.97	QP
6	736.10	-5.71	35.30	29.59	46.00	-16.41	QP

Vertical

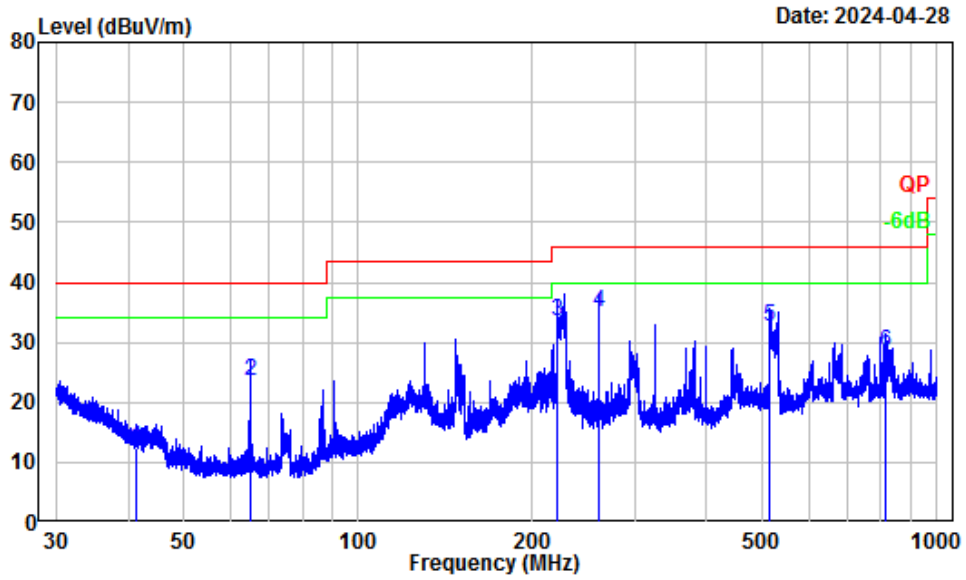


Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.97	-15.26	45.57	30.31	40.00	-9.69	QP
2	64.94	-18.76	50.96	32.20	40.00	-7.80	QP
3	86.65	-18.85	51.50	32.65	40.00	-7.35	QP
4	228.19	-14.81	44.36	29.55	46.00	-16.45	QP
5	532.66	-8.33	46.82	38.49	46.00	-7.51	QP
6	809.91	-5.34	34.65	29.31	46.00	-16.69	QP

(40MHz)
30 MHz~1 GHz

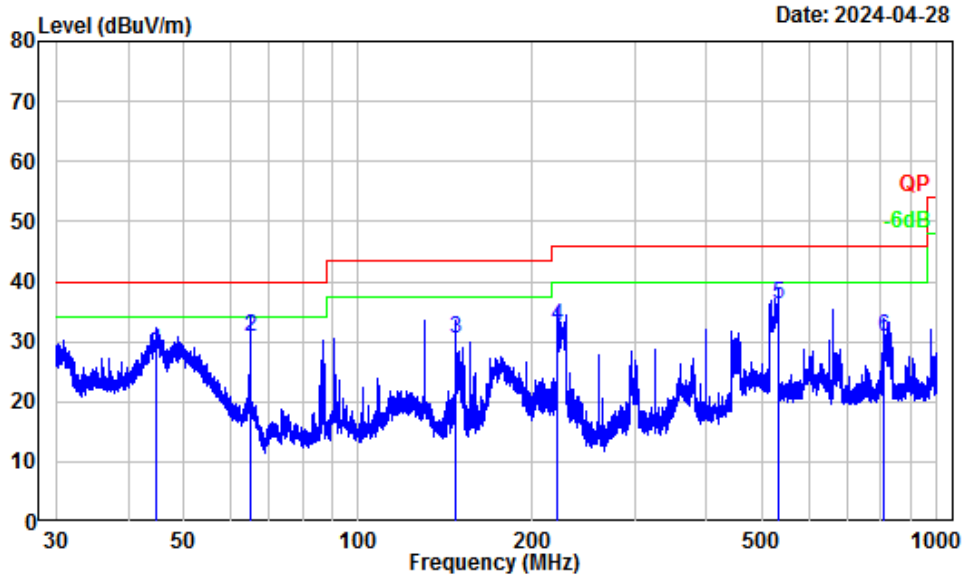
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	41.24	-12.31	24.63	12.32	40.00	-27.68	QP
2	65.00	-17.65	41.16	23.51	40.00	-16.49	QP
3	220.91	-13.92	47.47	33.55	46.00	-12.45	QP
4	260.03	-14.18	49.17	34.99	46.00	-11.01	QP
5	515.21	-8.18	40.80	32.62	46.00	-13.38	QP
6	813.11	-5.17	33.55	28.38	46.00	-17.62	QP

Vertical



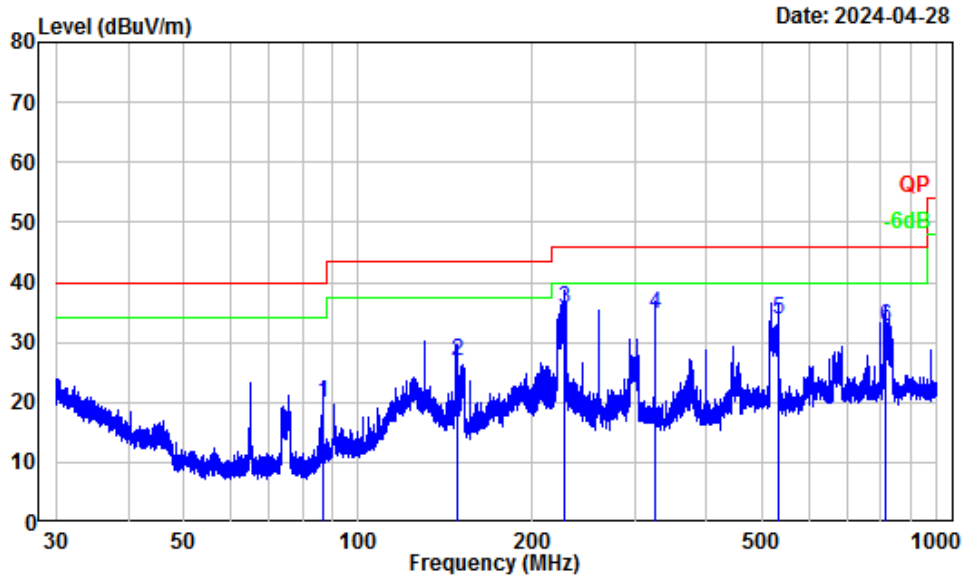
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	44.68	-15.67	44.05	28.38	40.00	-11.62	QP
2	64.97	-18.76	49.49	30.73	40.00	-9.27	QP
3	147.27	-13.71	44.20	30.49	43.50	-13.01	QP
4	220.81	-14.77	47.31	32.54	46.00	-13.46	QP
5	532.66	-8.33	44.48	36.15	46.00	-9.85	QP
6	811.33	-5.34	36.23	30.89	46.00	-15.11	QP

(79.9MHz)

30 MHz~1 GHz

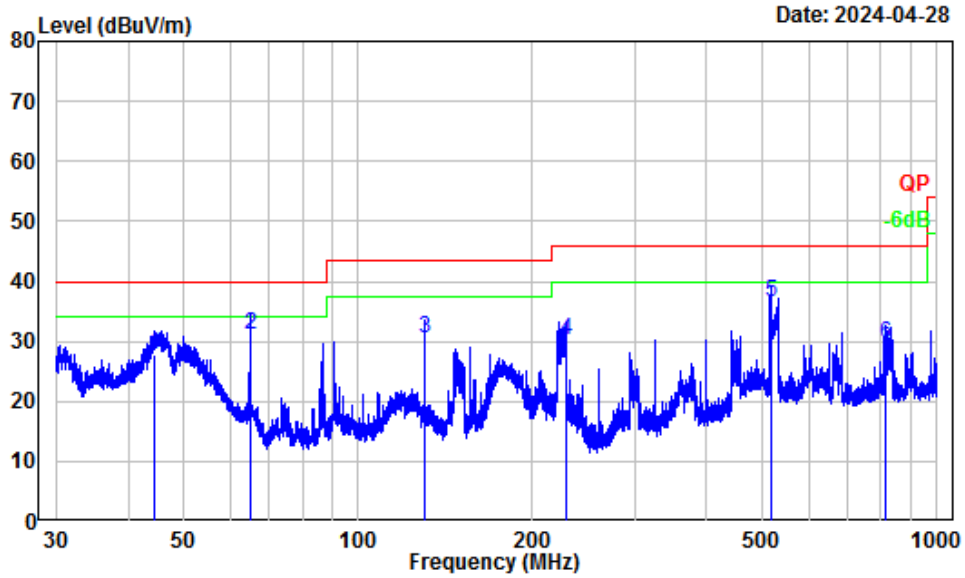
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	86.65	-18.15	38.20	20.05	40.00	-19.95	QP
2	147.92	-13.38	40.10	26.72	43.50	-16.78	QP
3	227.39	-14.05	49.54	35.49	46.00	-10.51	QP
4	325.03	-12.38	47.10	34.72	46.00	-11.28	QP
5	532.90	-8.07	41.80	33.73	46.00	-12.27	QP
6	813.47	-5.17	37.90	32.73	46.00	-13.27	QP

Vertical

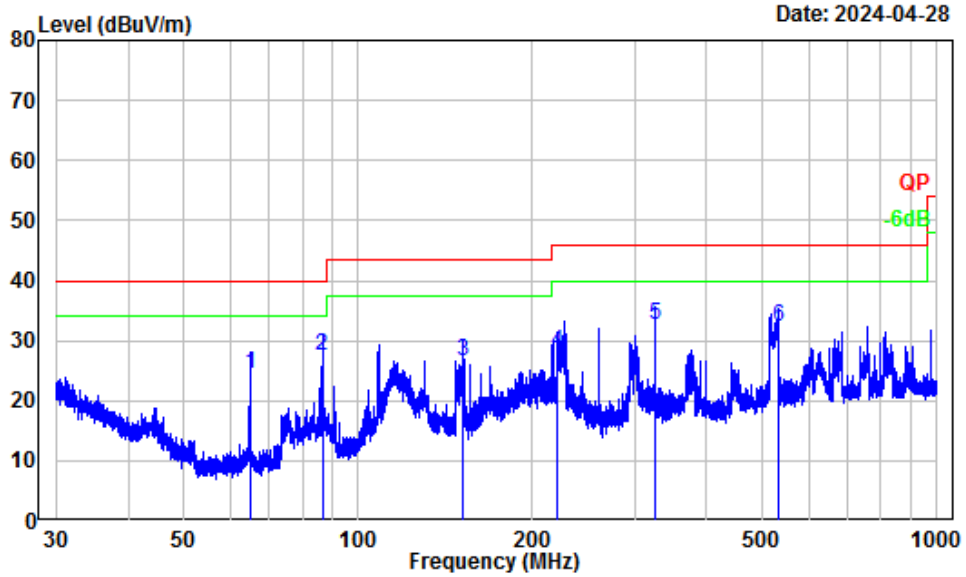


Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	44.47	-15.55	43.18	27.63	40.00	-12.37	QP
2	65.00	-18.75	49.70	30.95	40.00	-9.05	QP
3	129.98	-12.56	43.06	30.50	43.50	-13.00	QP
4	228.09	-14.81	45.09	30.28	46.00	-15.72	QP
5	515.89	-8.40	44.89	36.49	46.00	-9.51	QP
6	812.76	-5.33	35.01	29.68	46.00	-16.32	QP

Test Mode 2
(0.009MHz)
30 MHz~1 GHz

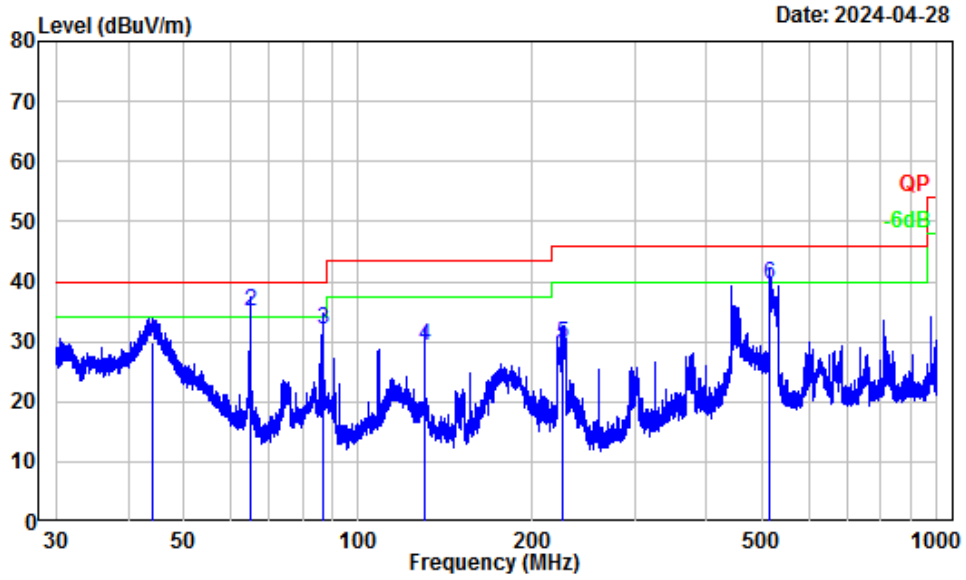
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	65.00	-17.65	42.20	24.55	40.00	-15.45	QP
2	86.62	-18.15	45.56	27.41	40.00	-12.59	QP
3	152.06	-13.65	40.30	26.65	43.50	-16.85	QP
4	221.00	-13.92	42.13	28.21	46.00	-17.79	QP
5	325.03	-12.38	44.88	32.50	46.00	-13.50	QP
6	531.50	-8.08	40.48	32.40	46.00	-13.60	QP

Vertical



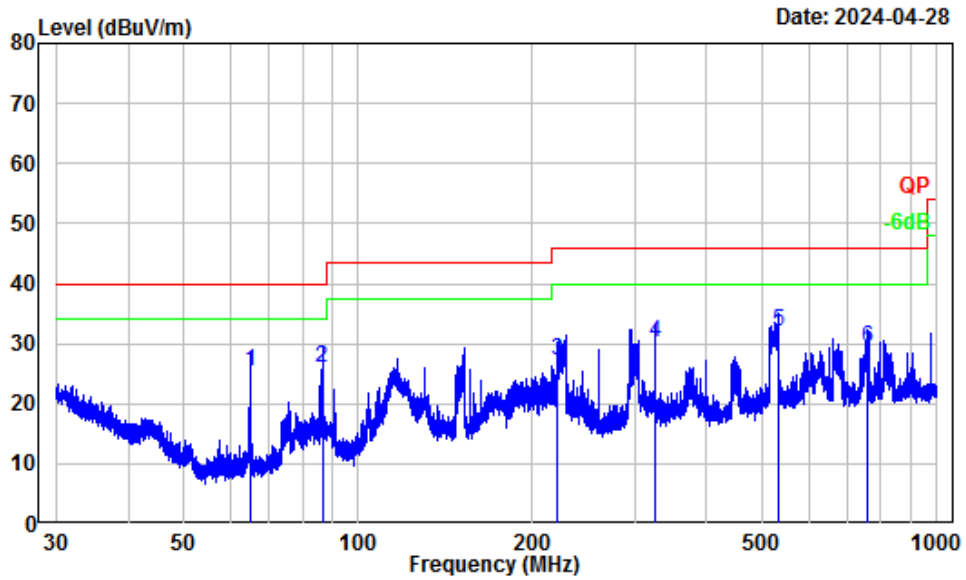
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	44.12	-15.35	45.27	29.92	40.00	-10.08	QP
2	64.97	-18.76	53.70	34.94	40.00	-5.06	QP
3	86.65	-18.85	50.80	31.95	40.00	-8.05	QP
4	129.98	-12.56	41.72	29.16	43.50	-14.34	QP
5	225.41	-14.80	44.40	29.60	46.00	-16.40	QP
6	515.21	-8.41	47.94	39.53	46.00	-6.47	QP

(40MHz)

30 MHz~1 GHz

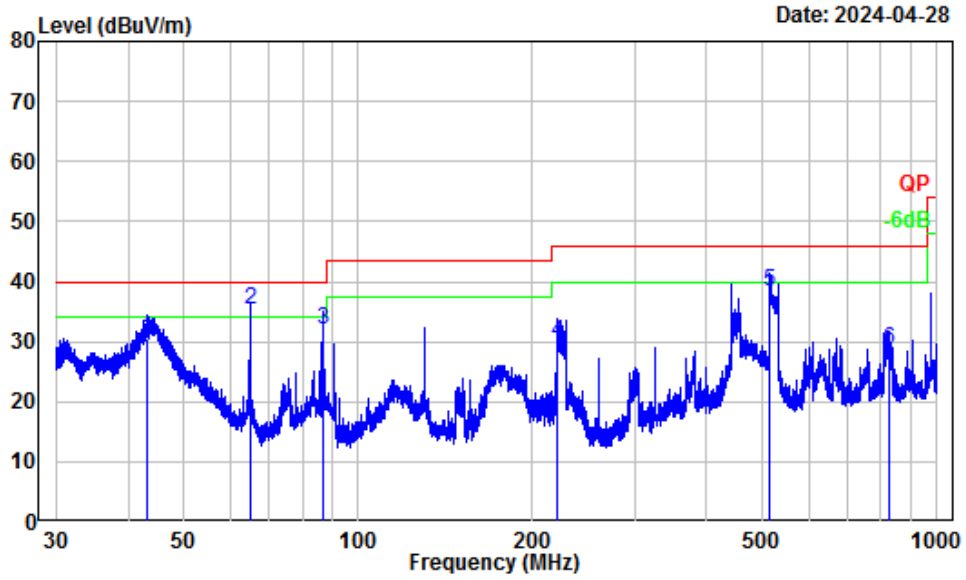
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	64.97	-17.66	43.10	25.44	40.00	-14.56	QP
2	86.62	-18.15	44.18	26.03	40.00	-13.97	QP
3	220.91	-13.92	41.08	27.16	46.00	-18.84	QP
4	325.03	-12.38	42.49	30.11	46.00	-15.89	QP
5	532.66	-8.06	40.08	32.02	46.00	-13.98	QP
6	761.04	-5.48	34.73	29.25	46.00	-16.75	QP

Vertical



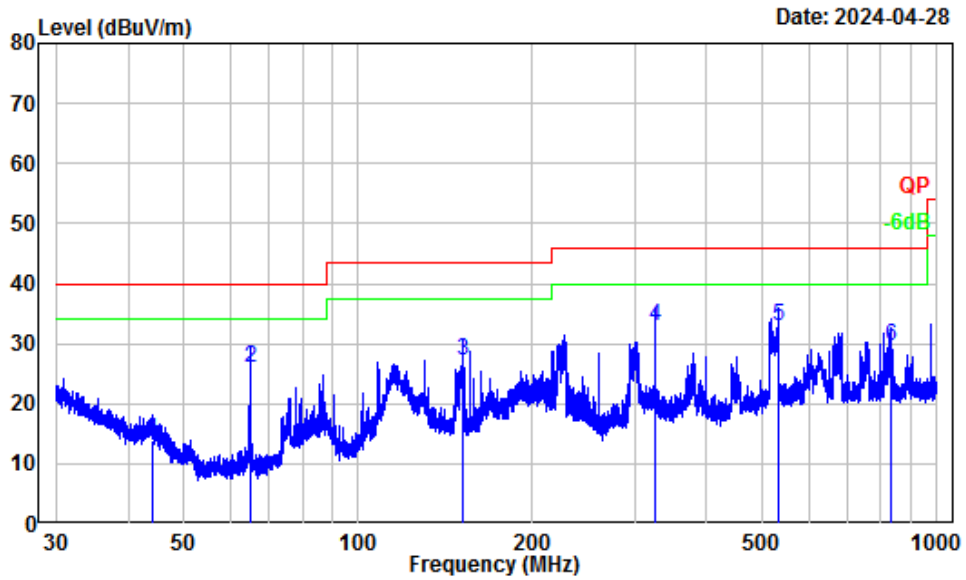
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.14	-14.80	45.32	30.52	40.00	-9.48	QP
2	64.97	-18.76	54.00	35.24	40.00	-4.76	QP
3	86.65	-18.85	50.80	31.95	40.00	-8.05	QP
4	221.00	-14.78	44.65	29.87	46.00	-16.13	QP
5	515.21	-8.41	46.84	38.43	46.00	-7.57	QP
6	827.13	-5.25	34.02	28.77	46.00	-17.23	QP

(79.9MHz)

30 MHz~1 GHz

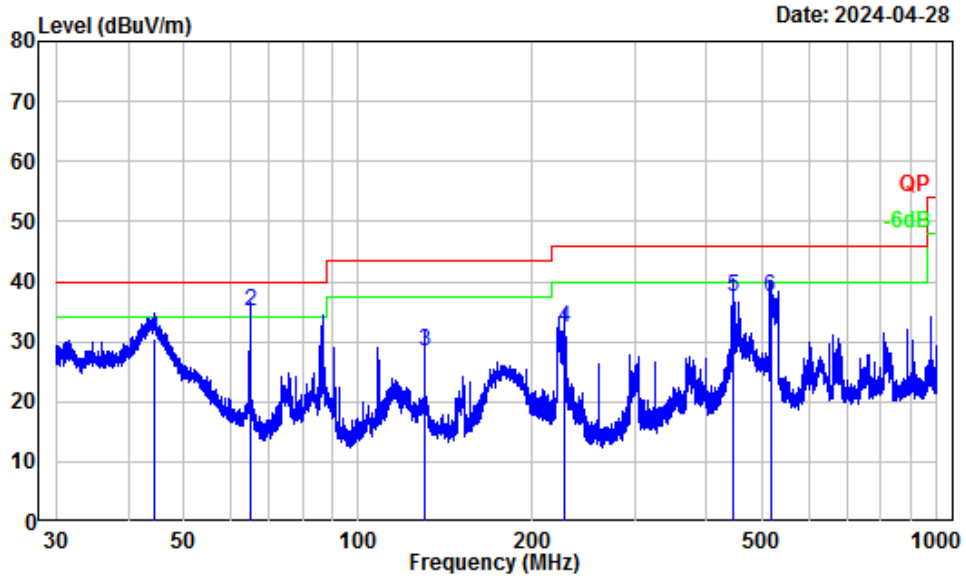
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.99	-14.05	28.05	14.00	40.00	-26.00	QP
2	65.00	-17.65	43.56	25.91	40.00	-14.09	QP
3	151.93	-13.65	40.96	27.31	43.50	-16.19	QP
4	325.03	-12.38	45.36	32.98	46.00	-13.02	QP
5	531.26	-8.08	41.10	33.02	46.00	-12.98	QP
6	835.15	-4.96	34.42	29.46	46.00	-16.54	QP

Vertical



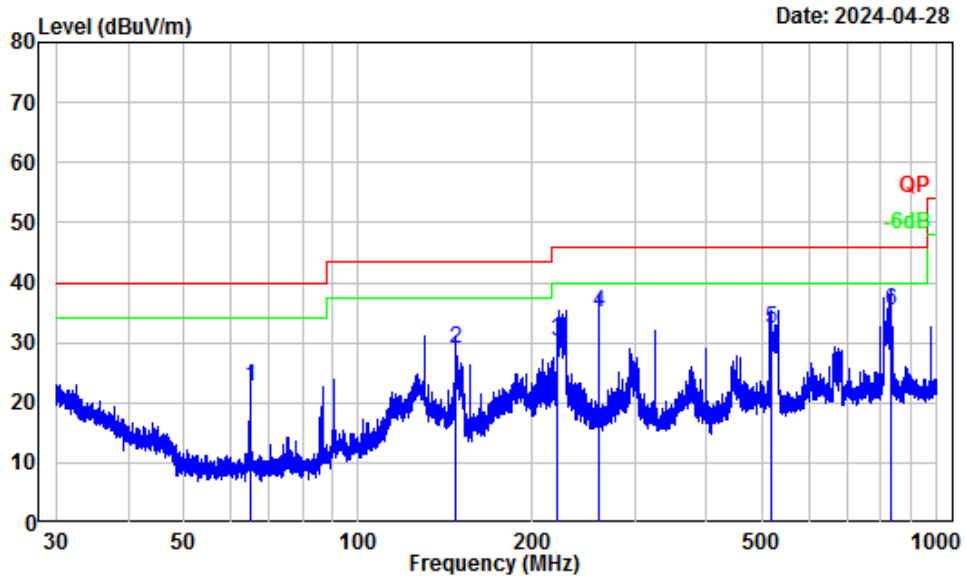
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	44.41	-15.52	46.14	30.62	40.00	-9.38	QP
2	65.00	-18.75	53.80	35.05	40.00	-4.95	QP
3	129.98	-12.56	41.09	28.53	43.50	-14.97	QP
4	227.69	-14.81	47.03	32.22	46.00	-13.78	QP
5	443.10	-10.19	47.68	37.49	46.00	-8.51	QP
6	515.44	-8.41	45.80	37.39	46.00	-8.61	QP

43 MHz - 8 GHz

Test Mode 1
(43.1MHz)
30 MHz~1 GHz

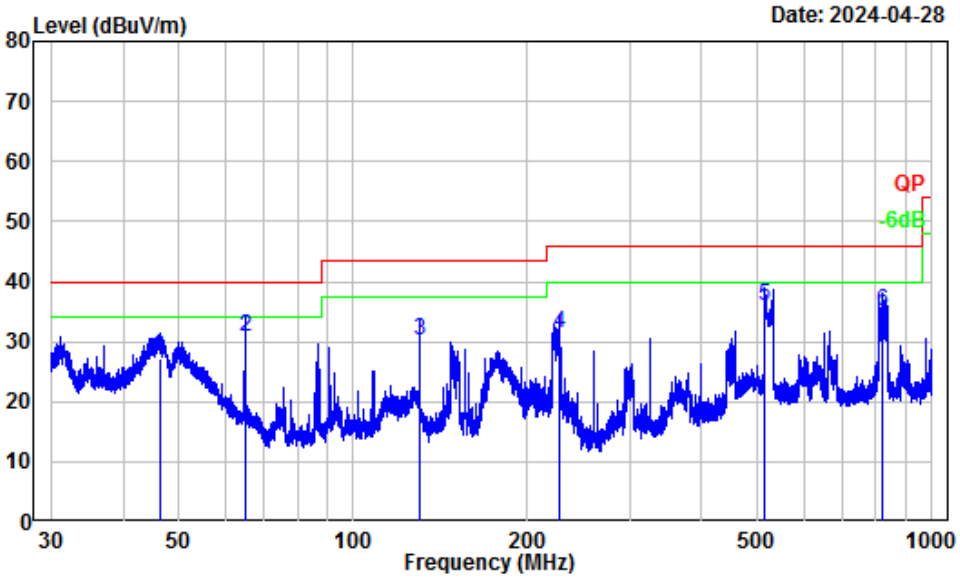
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	65.00	-17.65	40.33	22.68	40.00	-17.32	QP
2	147.66	-13.36	42.20	28.84	43.50	-14.66	QP
3	221.00	-13.92	44.14	30.22	46.00	-15.78	QP
4	260.03	-14.18	49.08	34.90	46.00	-11.10	QP
5	516.34	-8.17	40.58	32.41	46.00	-13.59	QP
6	832.95	-4.98	40.44	35.46	46.00	-10.54	QP

Vertical



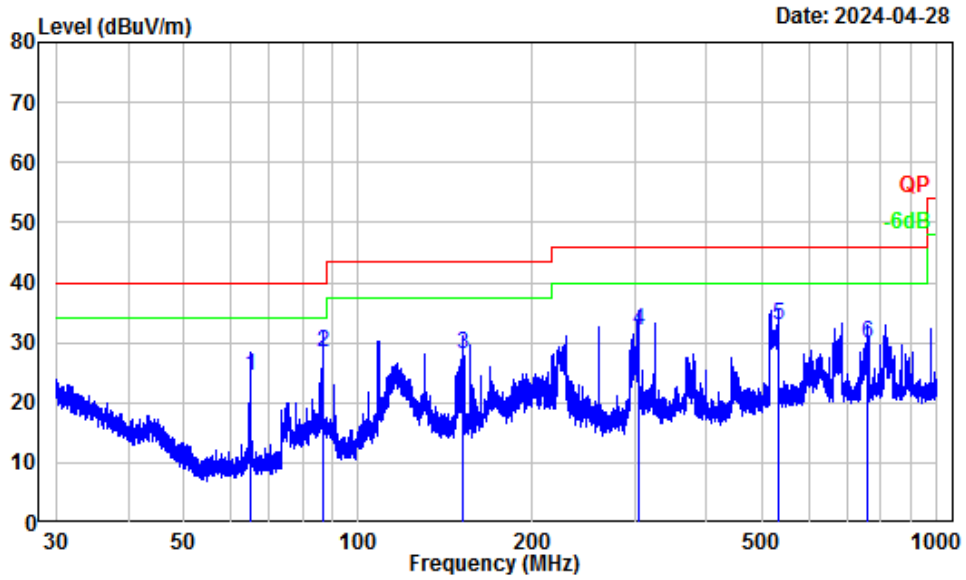
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	46.22	-16.53	43.79	27.26	40.00	-12.74	QP
2	64.97	-18.76	49.47	30.71	40.00	-9.29	QP
3	130.04	-12.56	42.89	30.33	43.50	-13.17	QP
4	227.59	-14.81	46.12	31.31	46.00	-14.69	QP
5	515.21	-8.41	44.47	36.06	46.00	-9.94	QP
6	819.55	-5.29	40.32	35.03	46.00	-10.97	QP

(4000MHz)

30 MHz~1 GHz

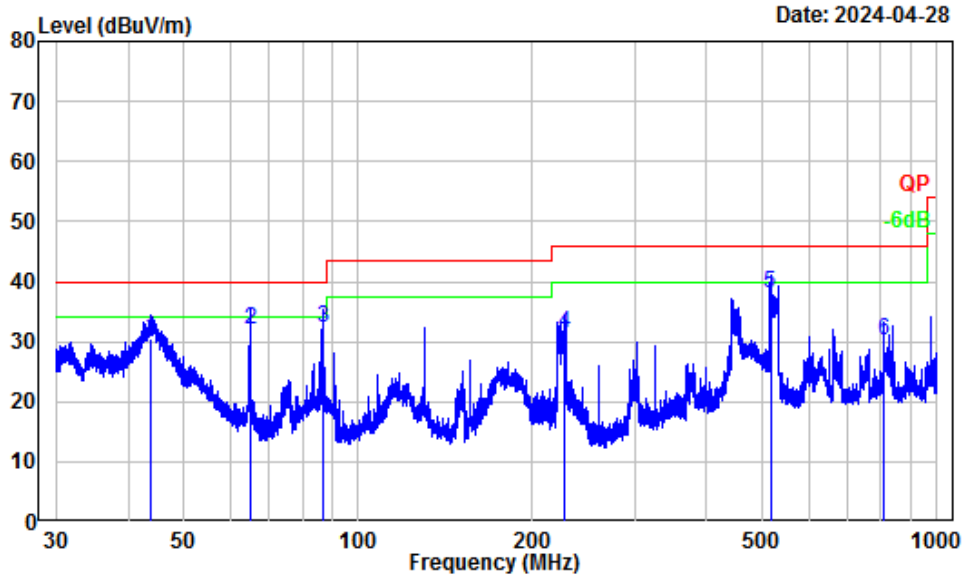
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	65.03	-17.65	42.10	24.45	40.00	-15.55	QP
2	86.69	-18.15	46.56	28.41	40.00	-11.59	QP
3	152.06	-13.65	41.68	28.03	43.50	-15.47	QP
4	304.34	-12.71	44.84	32.13	46.00	-13.87	QP
5	531.96	-8.07	40.88	32.81	46.00	-13.19	QP
6	761.04	-5.48	35.39	29.91	46.00	-16.09	QP

Vertical

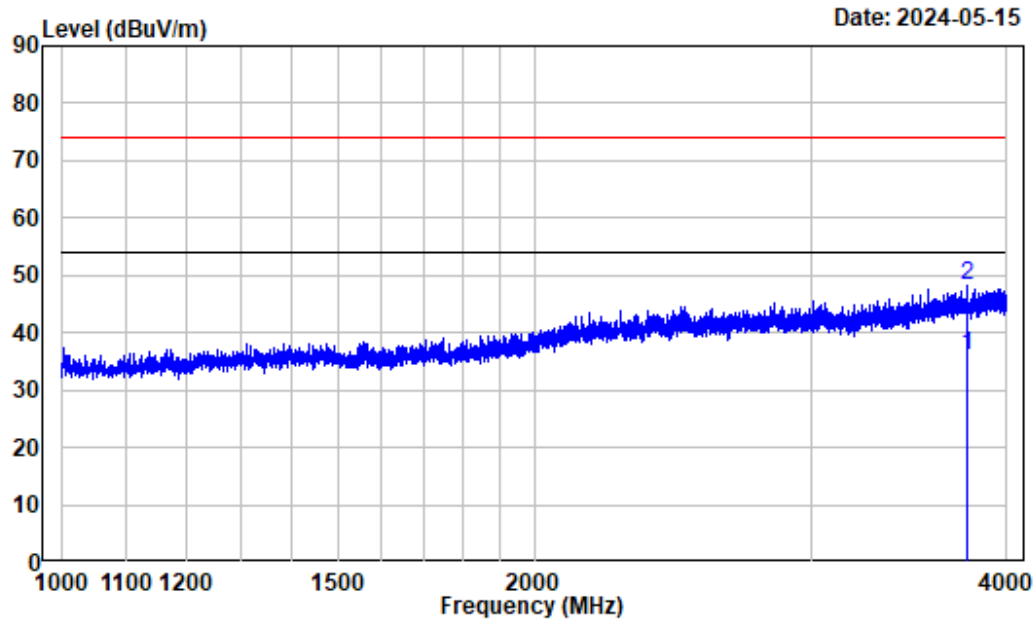


Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.62	-15.07	45.61	30.54	40.00	-9.46	QP
2	64.94	-18.76	50.63	31.87	40.00	-8.13	QP
3	86.65	-18.85	51.20	32.35	40.00	-7.65	QP
4	227.69	-14.81	46.30	31.49	46.00	-14.51	QP
5	515.44	-8.41	46.46	38.05	46.00	-7.95	QP
6	809.56	-5.34	35.39	30.05	46.00	-15.95	QP

1 ~ 4GHz

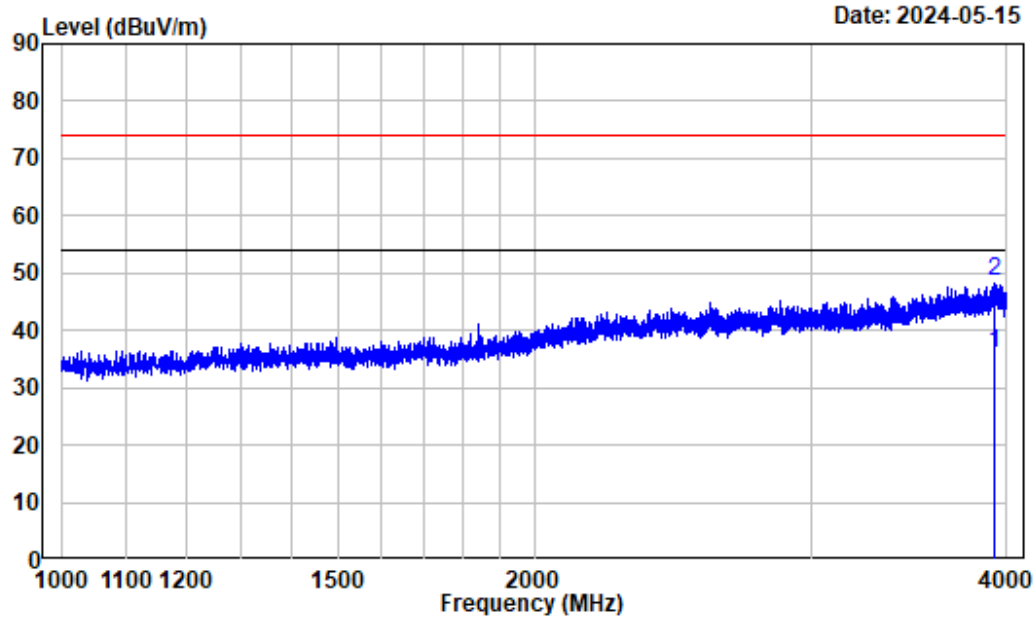
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3778.620	-0.81	36.80	35.99	54.00	-18.01	Average
2	3778.620	-0.81	49.15	48.34	74.00	-25.66	Peak

Vertical

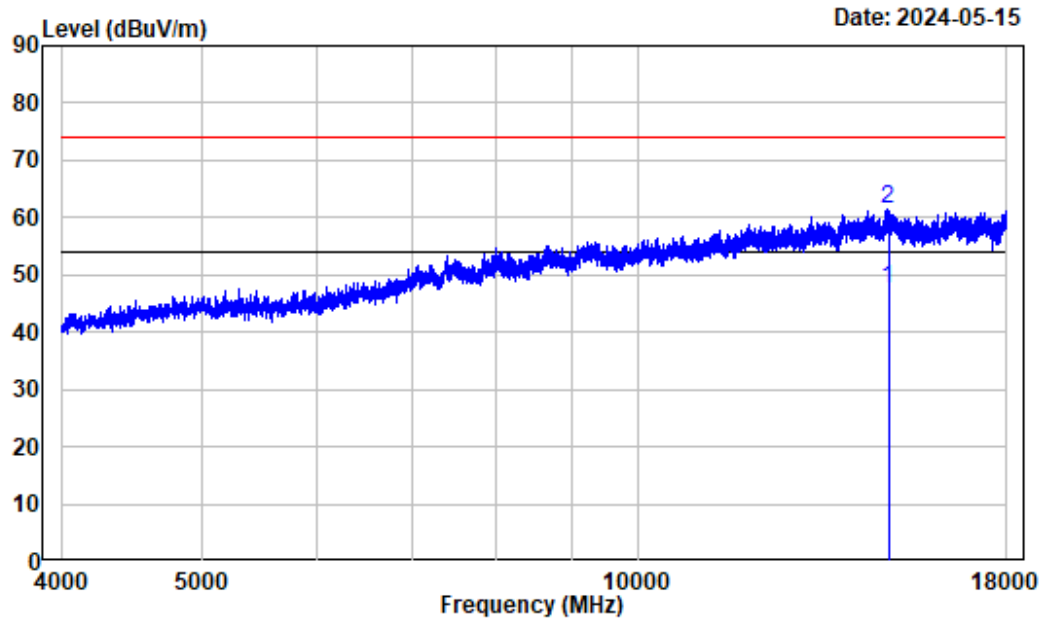


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3924.920	-0.34	36.25	35.91	54.00	-18.09	Average
2	3924.920	-0.34	48.98	48.64	74.00	-25.36	Peak

4~ 18GHz

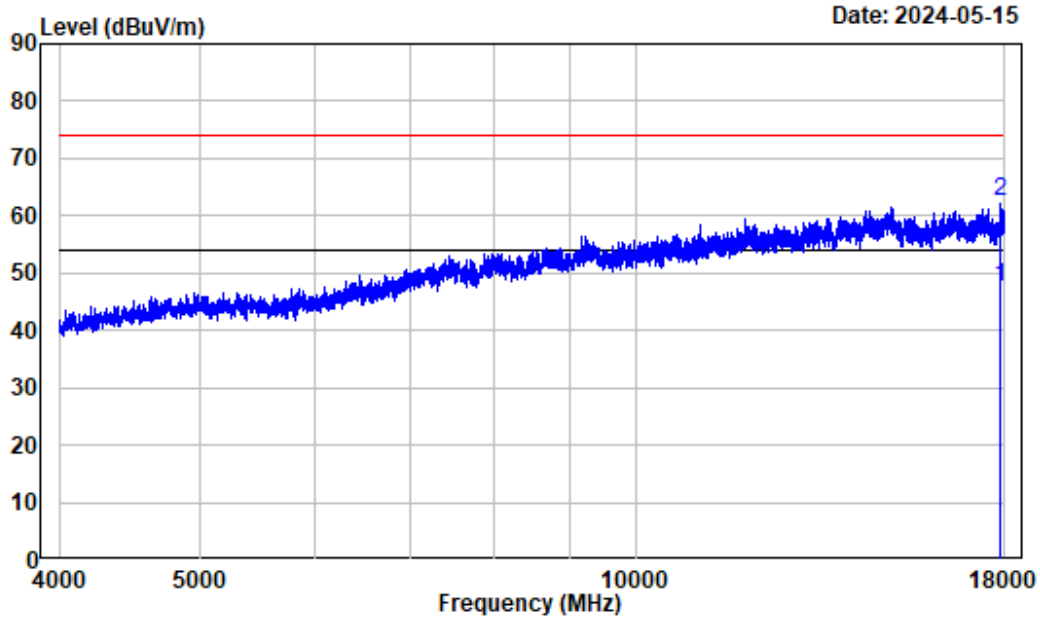
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	14912.250	16.56	31.07	47.63	54.00	-6.37	Average
2	14912.250	16.56	45.06	61.62	74.00	-12.38	Peak

Vertical

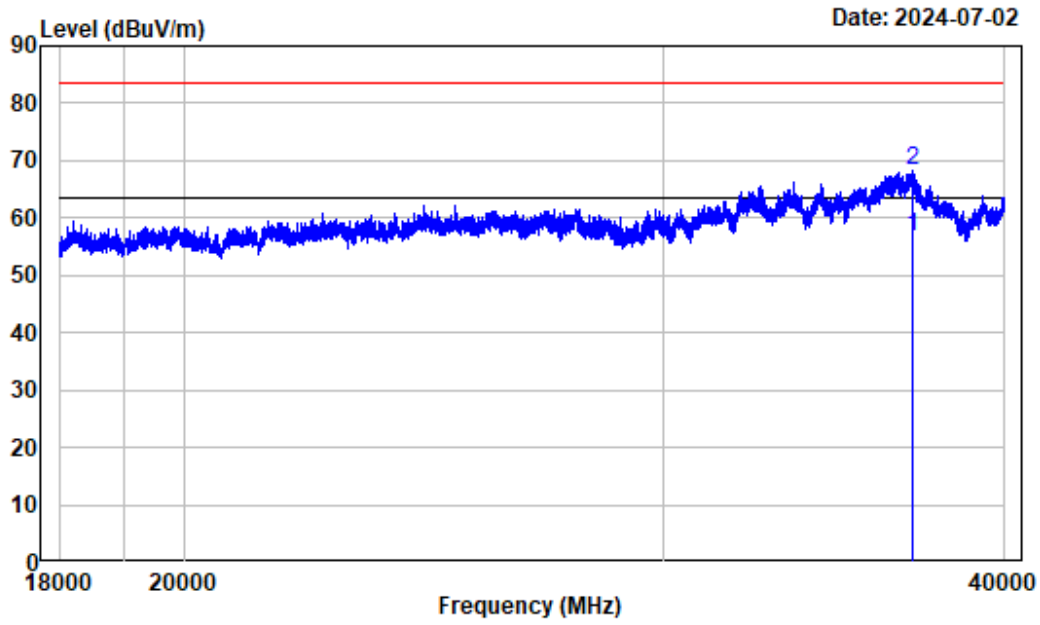


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17889.250	23.83	23.83	47.66	54.00	-6.34	Average
2	17889.250	23.83	38.71	62.54	74.00	-11.46	Peak

18~40GHz

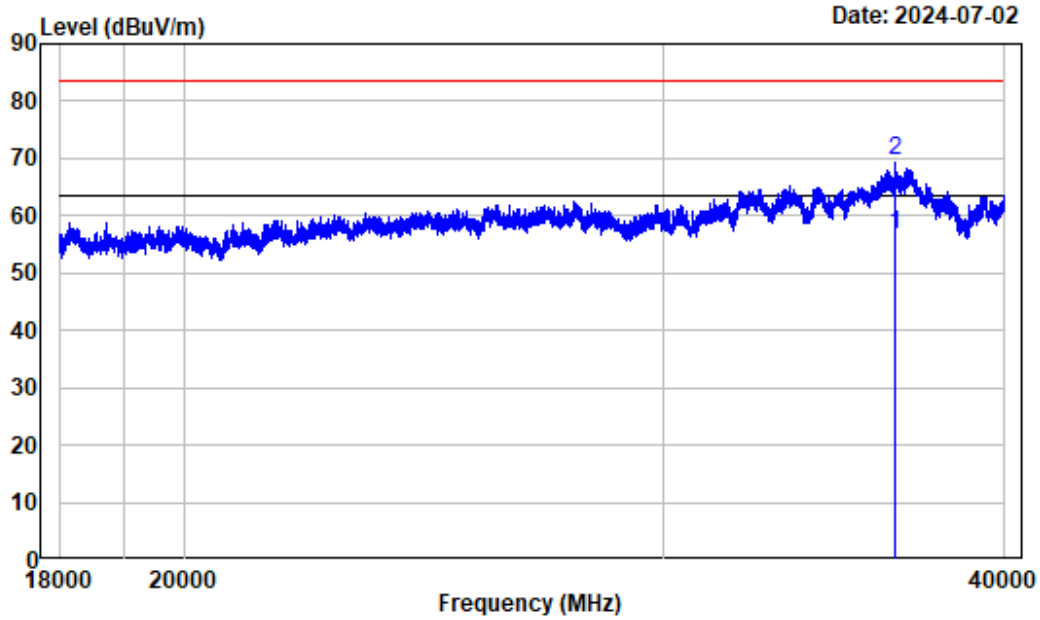
Horizontal



Site : chamber B
Condition : Horizontal
Project No.: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36994.530	24.90	31.90	56.80	63.50	-6.70	Average
2	36994.530	24.90	43.52	68.42	83.50	-15.08	Peak

Vertical



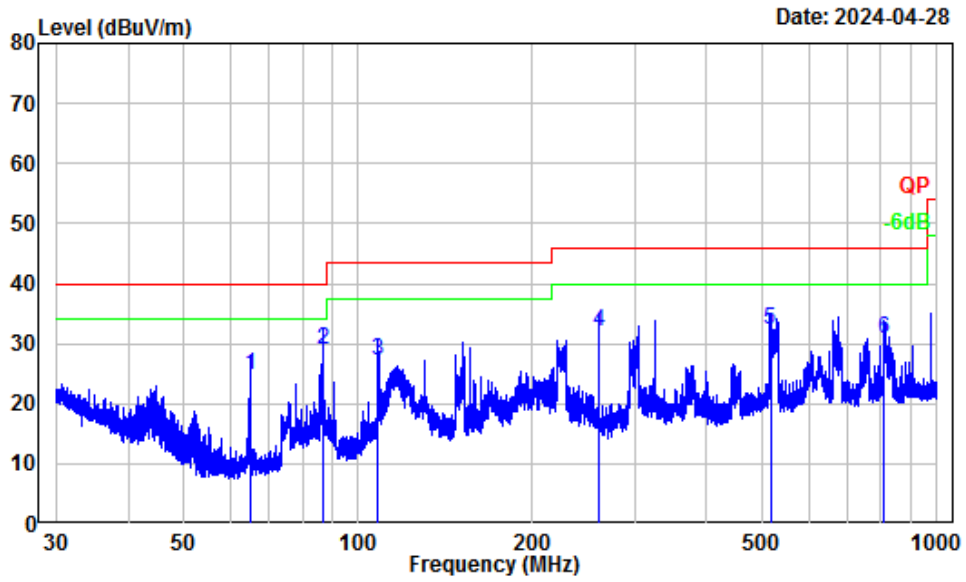
Site : chamber B
Condition : Vertical
Project No.: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36463.780	25.28	31.50	56.78	63.50	-6.72	Average
2	36463.780	25.28	44.23	69.51	83.50	-13.99	Peak

(7999.9MHz)

30 MHz~1 GHz

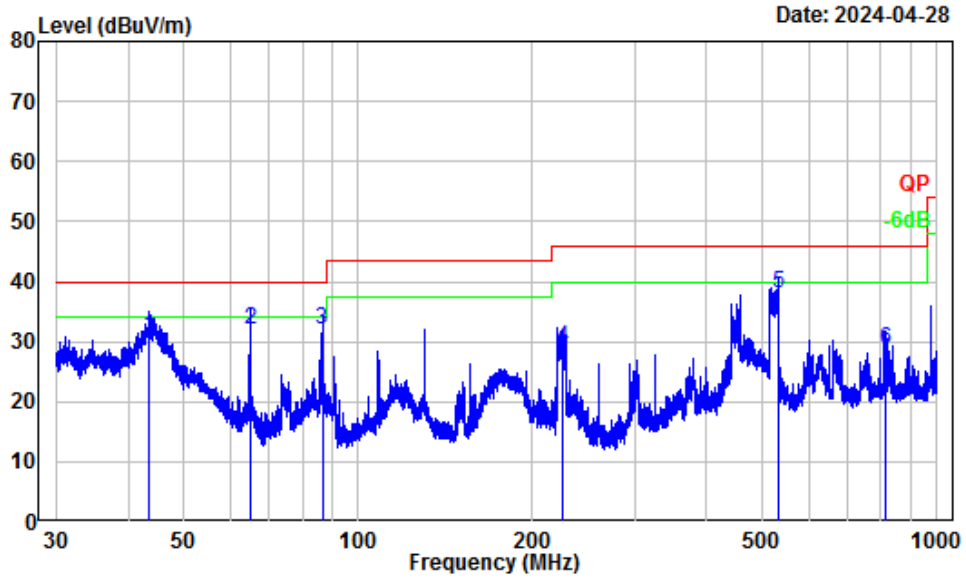
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	65.00	-17.65	42.50	24.85	40.00	-15.15	QP
2	86.65	-18.15	47.12	28.97	40.00	-11.03	QP
3	108.31	-13.47	40.68	27.21	43.50	-16.29	QP
4	260.03	-14.18	46.09	31.91	46.00	-14.09	QP
5	515.44	-8.18	40.43	32.25	46.00	-13.75	QP
6	812.04	-5.19	36.05	30.86	46.00	-15.14	QP

Vertical

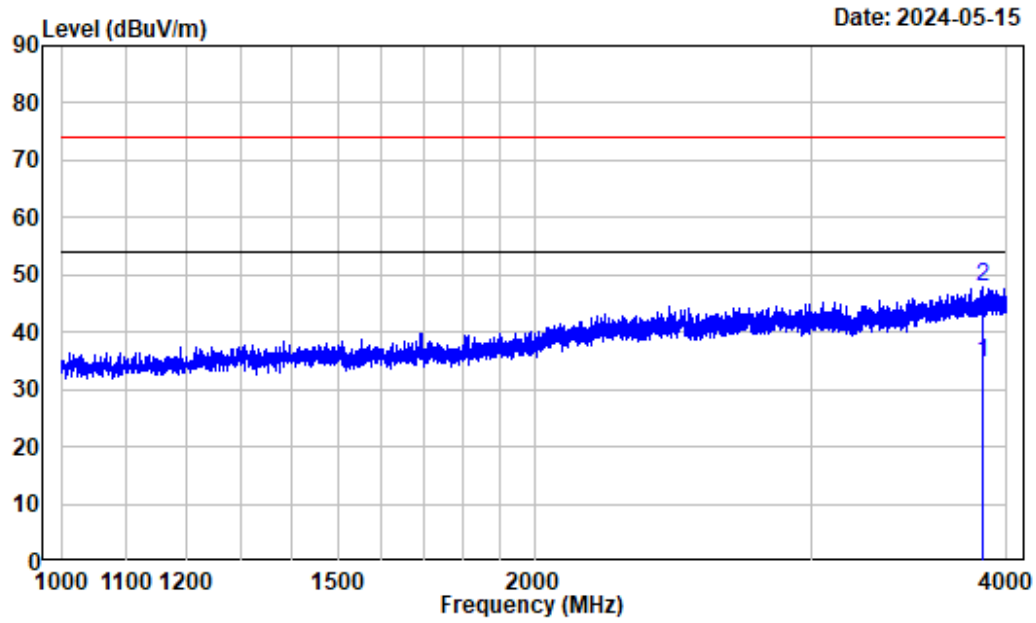


Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : AM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.58	-15.05	45.99	30.94	40.00	-9.06	QP
2	64.94	-18.76	50.76	32.00	40.00	-8.00	QP
3	86.62	-18.85	50.90	32.05	40.00	-7.95	QP
4	224.91	-14.80	43.76	28.96	46.00	-17.04	QP
5	531.96	-8.33	46.30	37.97	46.00	-8.03	QP
6	813.47	-5.32	34.10	28.78	46.00	-17.22	QP

1 ~ 4GHz

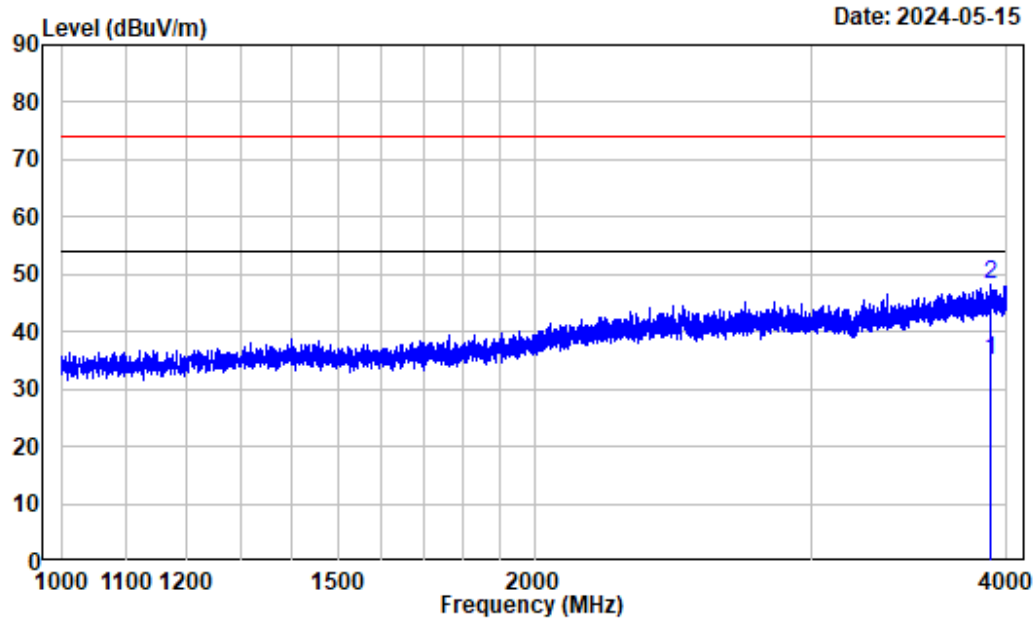
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3862.750	-0.72	35.52	34.80	54.00	-19.20	Average
2	3862.750	-0.72	48.72	48.00	74.00	-26.00	Peak

Vertical

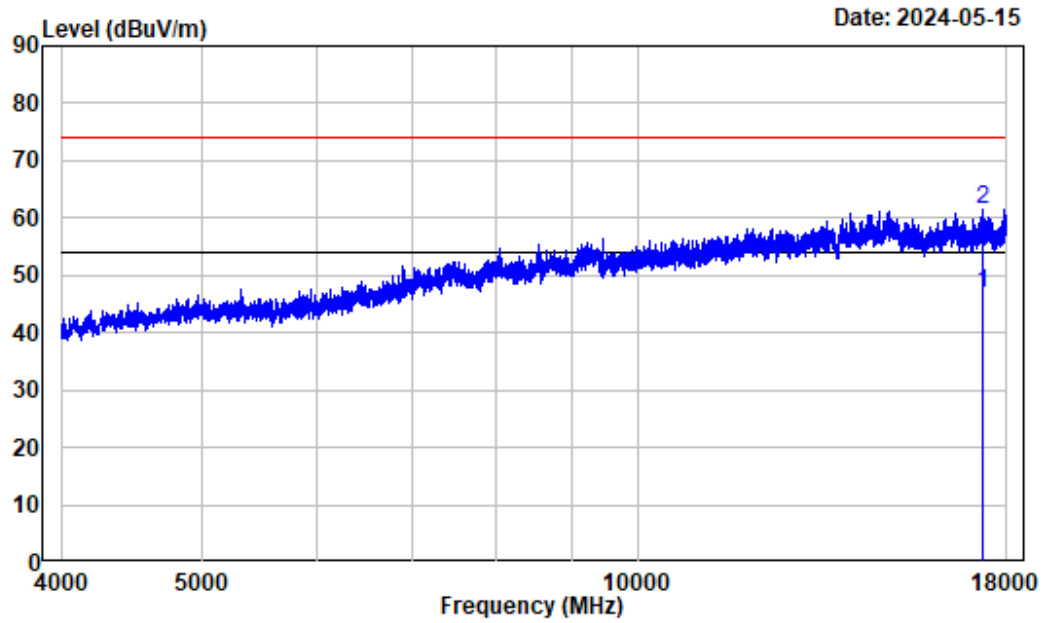


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3905.125	-0.49	35.62	35.13	54.00	-18.87	Average
2	3905.125	-0.49	48.68	48.19	74.00	-25.81	Peak

4~ 18GHz

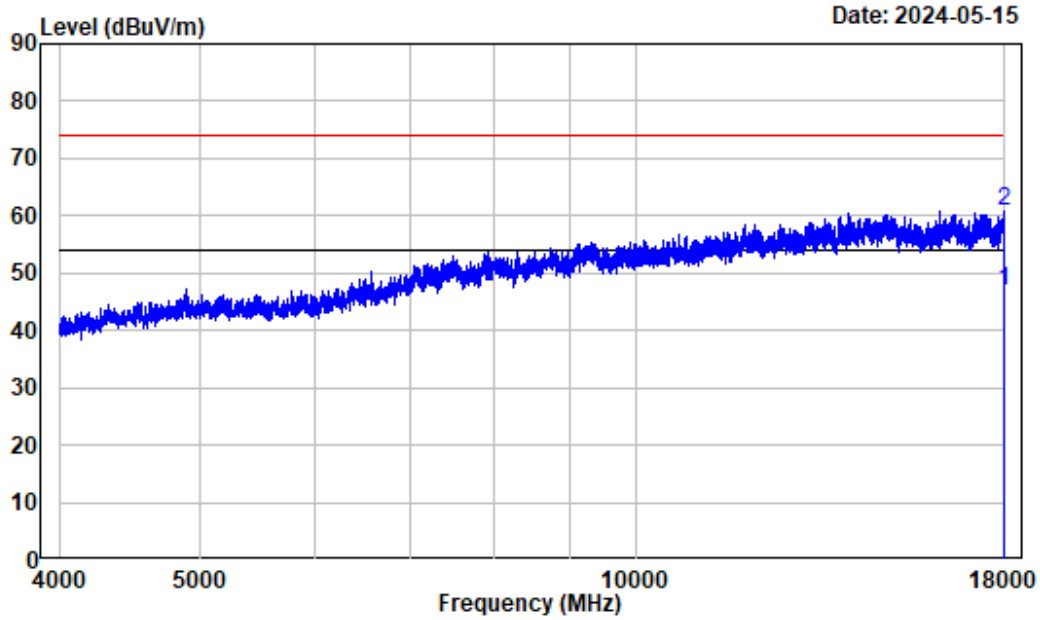
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17347.250	19.59	27.21	46.80	54.00	-7.20	Average
2	17347.250	19.59	41.97	61.56	74.00	-12.44	Peak

Vertical

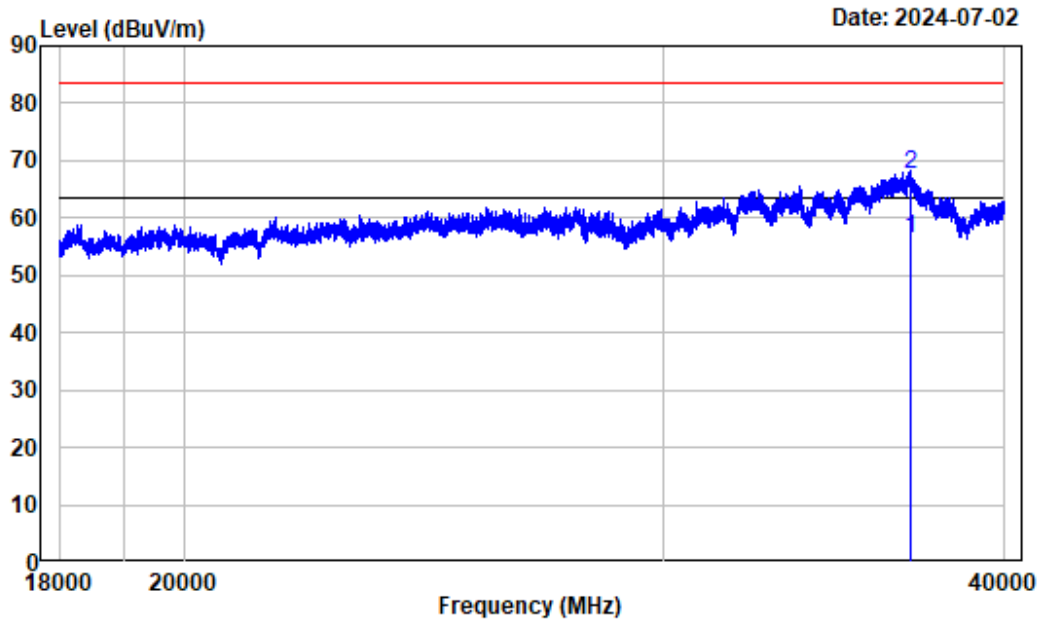


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17987.750	24.53	22.18	46.71	54.00	-7.29	Average
2	17987.750	24.53	36.37	60.90	74.00	-13.10	Peak

18~40GHz

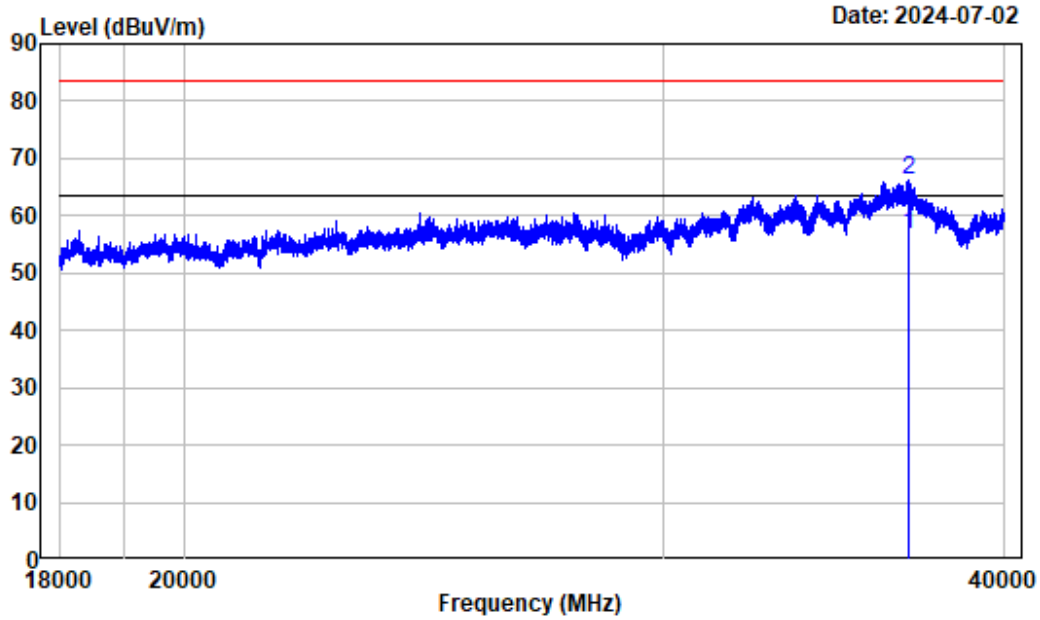
Horizontal



Site : chamber
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36939.250	24.96	31.48	56.44	63.50	-7.06	Average
2	36939.250	24.96	42.72	67.68	83.50	-15.82	Peak

Vertical

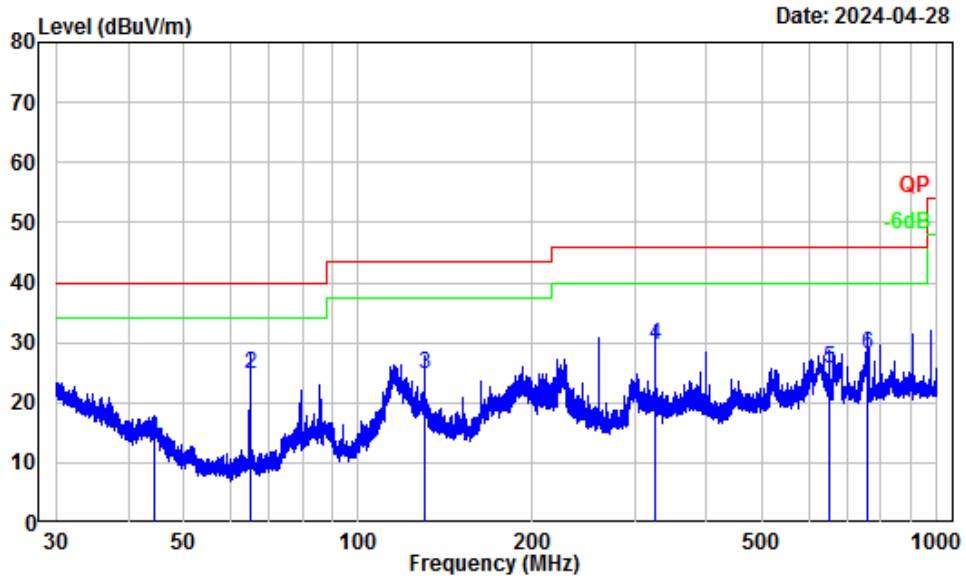


Site : chamber
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : AM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36881.500	25.01	31.65	56.66	63.50	-6.84	Average
2	36881.500	25.01	41.15	66.16	83.50	-17.34	Peak

Test Mode 2
(43.1MHz)
30 MHz~1 GHz

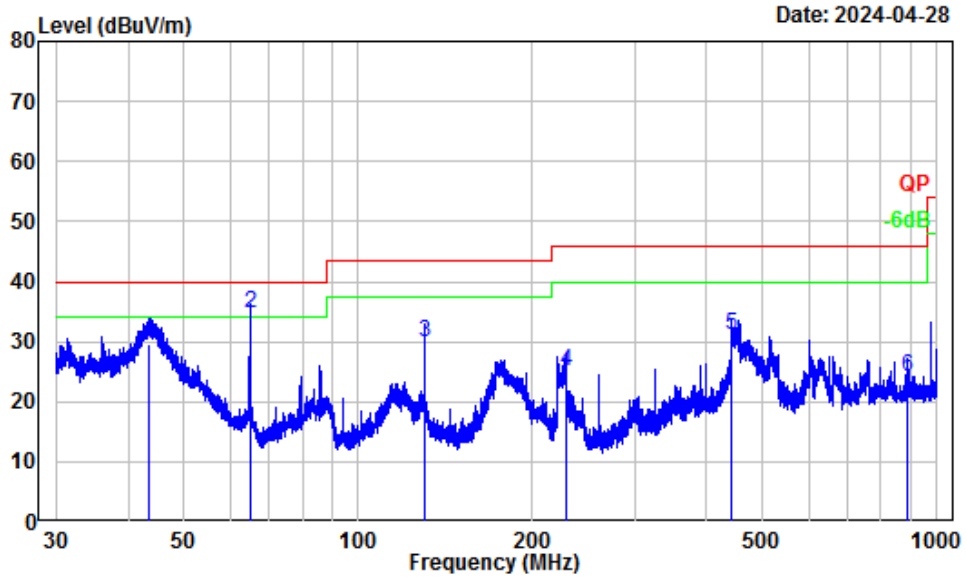
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	44.26	-14.23	27.89	13.66	40.00	-26.34	QP
2	65.00	-17.65	42.54	24.89	40.00	-15.11	QP
3	129.98	-12.06	36.79	24.73	43.50	-18.77	QP
4	325.03	-12.38	42.09	29.71	46.00	-16.29	QP
5	650.23	-6.66	32.43	25.77	46.00	-20.23	QP
6	760.37	-5.49	33.71	28.22	46.00	-17.78	QP

Vertical



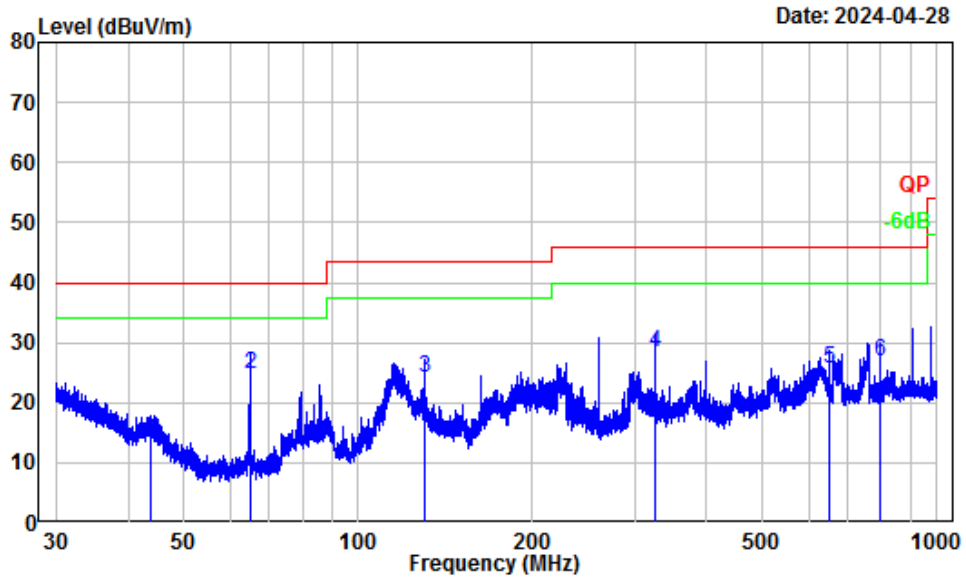
Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.52	-15.01	44.72	29.71	40.00	-10.29	QP
2	64.97	-18.76	53.50	34.74	40.00	-5.26	QP
3	129.98	-12.56	42.47	29.91	43.50	-13.59	QP
4	228.09	-14.81	39.78	24.97	46.00	-21.03	QP
5	441.74	-10.21	41.18	30.97	46.00	-15.03	QP
6	890.73	-4.89	29.02	24.13	46.00	-21.87	QP

(4000MHz)

30 MHz~1 GHz

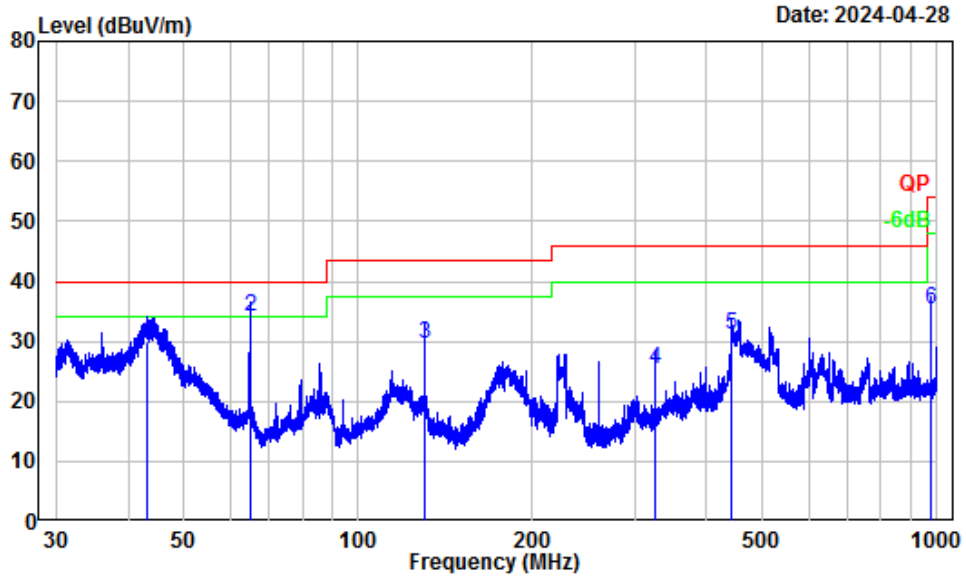
Horizontal



Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.72	-13.88	27.60	13.72	40.00	-26.28	QP
2	65.00	-17.65	42.42	24.77	40.00	-15.23	QP
3	130.04	-12.06	36.24	24.18	43.50	-19.32	QP
4	325.03	-12.38	40.75	28.37	46.00	-17.63	QP
5	649.94	-6.66	32.34	25.68	46.00	-20.32	QP
6	800.03	-5.30	32.21	26.91	46.00	-19.09	QP

Vertical

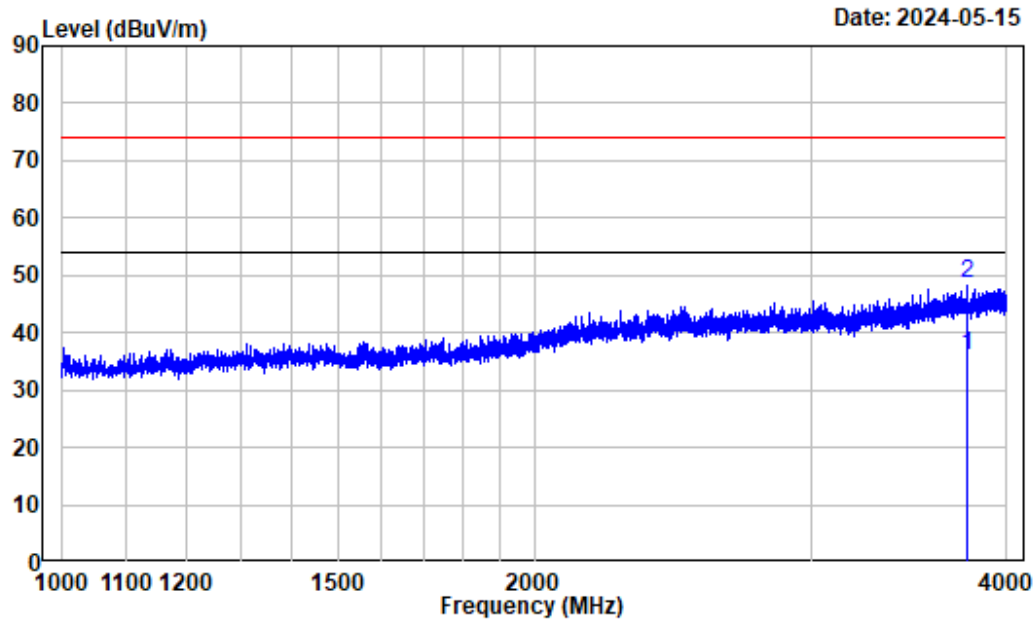


Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.18	-14.82	44.76	29.94	40.00	-10.06	QP
2	64.97	-18.76	52.80	34.04	40.00	-5.96	QP
3	129.98	-12.56	42.24	29.68	43.50	-13.82	QP
4	325.03	-12.73	38.13	25.40	46.00	-20.60	QP
5	441.74	-10.21	41.28	31.07	46.00	-14.93	QP
6	975.33	-4.40	39.81	35.41	54.00	-18.59	QP

1 ~ 4GHz

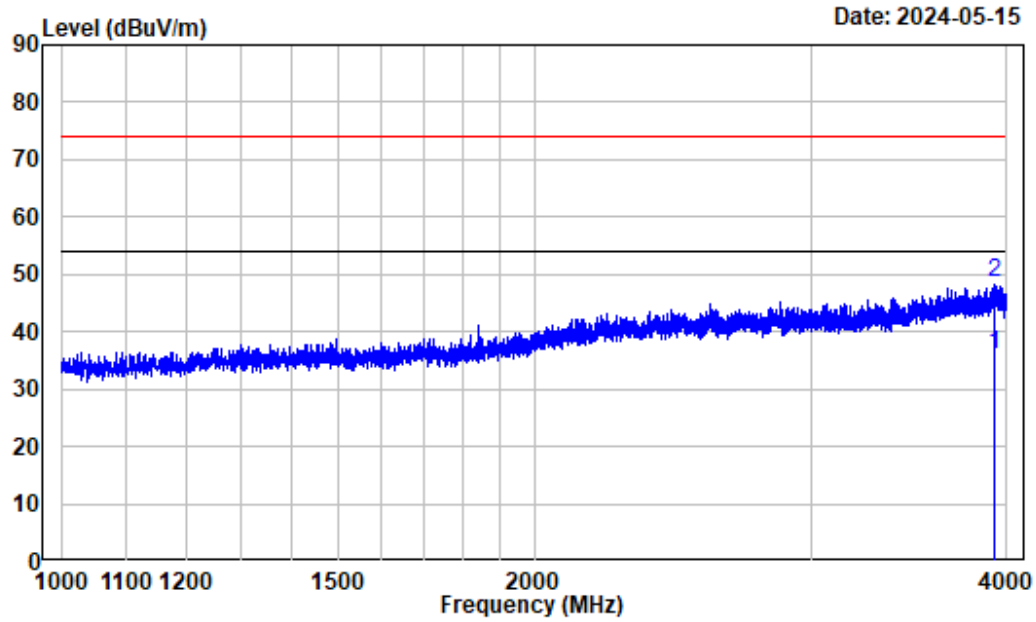
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3778.450	-0.81	36.80	35.99	54.00	-18.01	Average
2	3778.450	-0.81	49.27	48.46	74.00	-25.54	Peak

Vertical

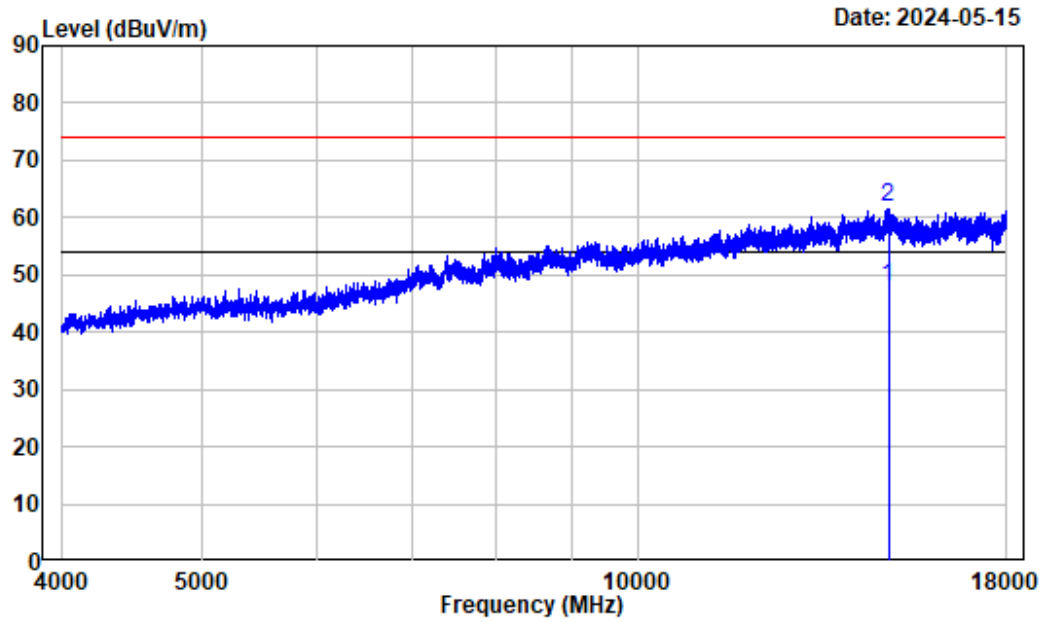


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3924.530	-0.34	36.38	36.04	54.00	-17.96	Average
2	3924.530	-0.34	49.06	48.72	74.00	-25.28	Peak

4~ 18GHz

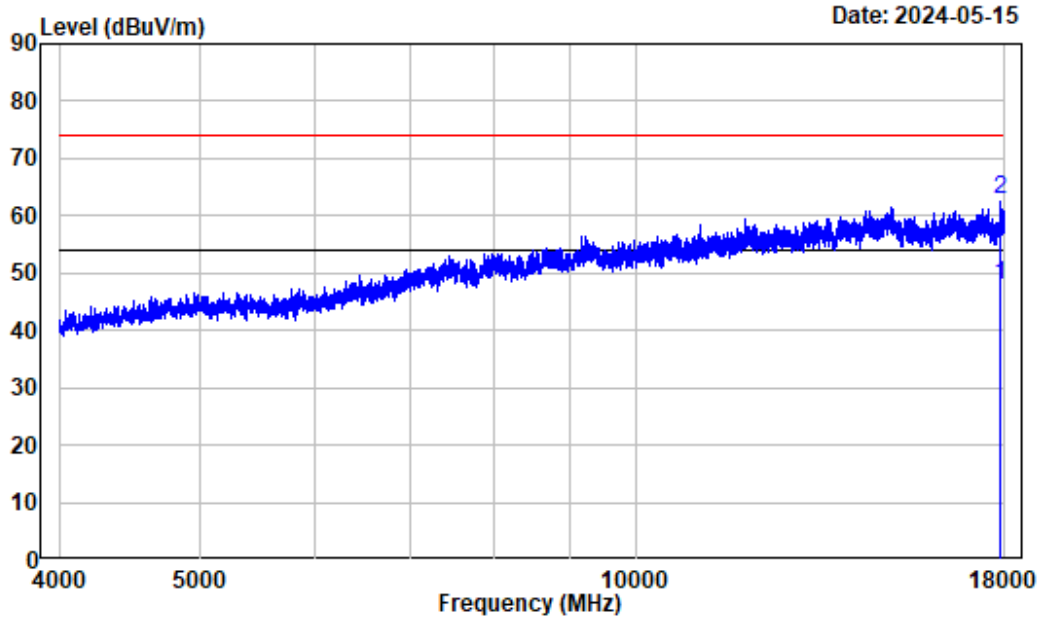
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	14912.160	16.56	31.29	47.85	54.00	-6.15	Average
2	14912.160	16.56	45.20	61.76	74.00	-12.24	Peak

Vertical

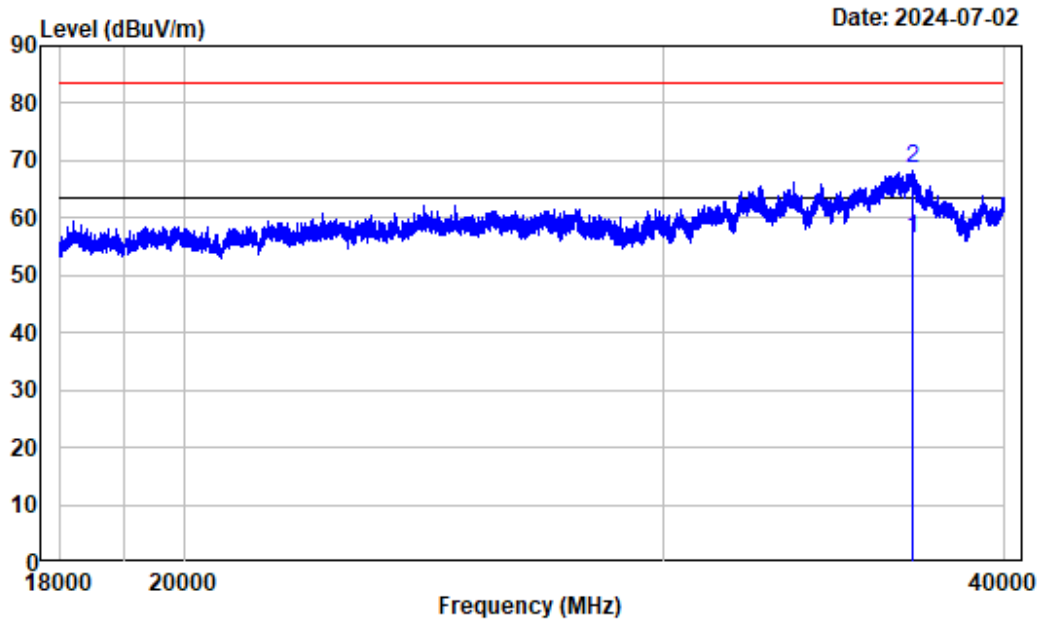


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	17889.020	23.83	24.03	47.86	54.00	-6.14	Average
2	17889.020	23.83	38.92	62.75	74.00	-11.25	Peak

18~40GHz

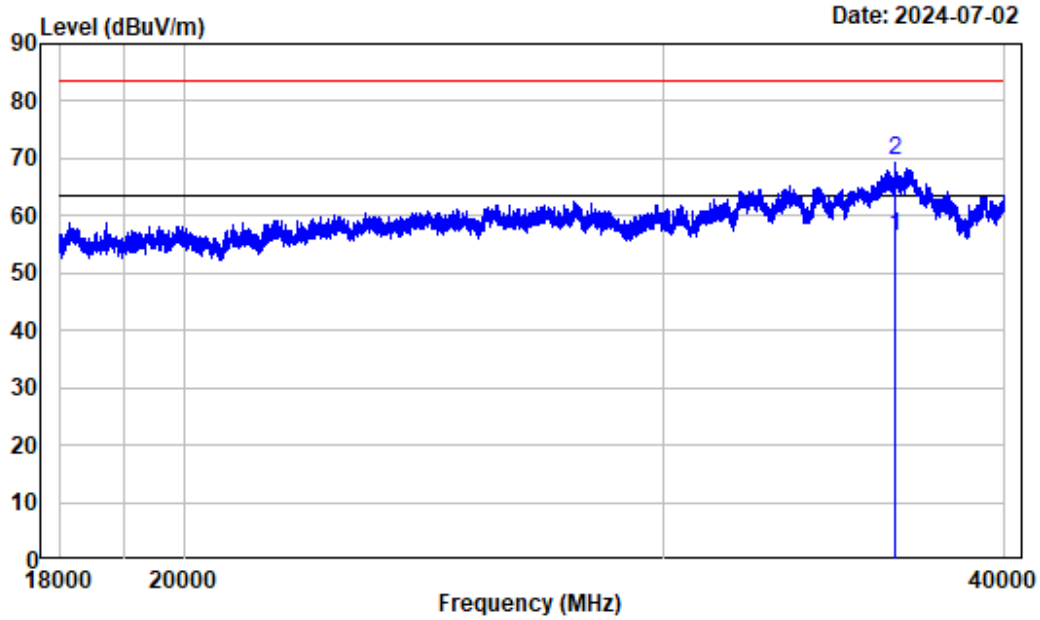
Horizontal



Site : chamber B
Condition : Horizontal
Project No.: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36994.450	24.90	31.37	56.27	63.50	-7.23	Average
2	36994.450	24.90	43.76	68.66	83.50	-14.84	Peak

Vertical



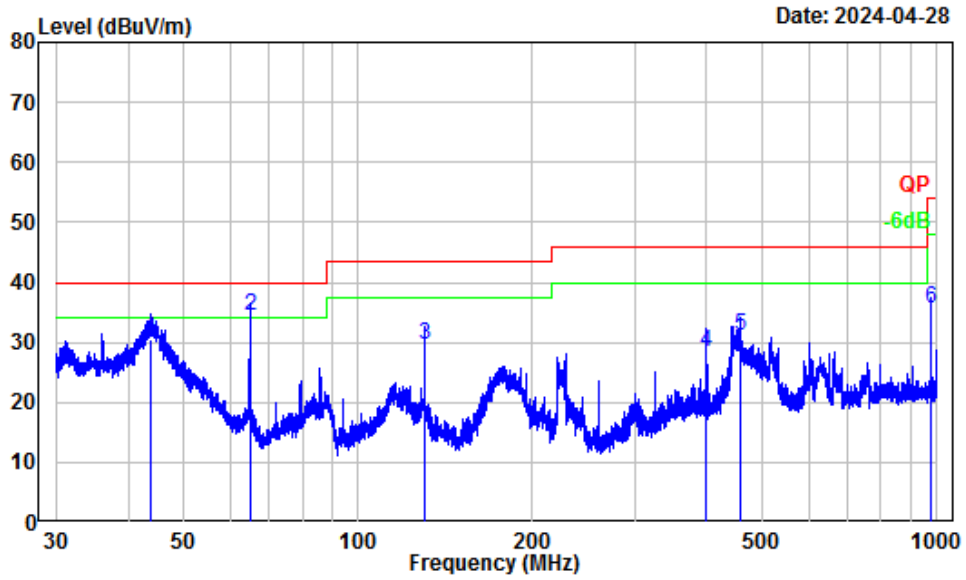
Site : chamber B
Condition : Vertical
Project No.: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36463.730	25.27	30.96	56.23	63.50	-7.27	Average
2	36463.730	25.27	44.40	69.67	83.50	-13.83	Peak

(7999.9MHz)

30 MHz~1 GHz

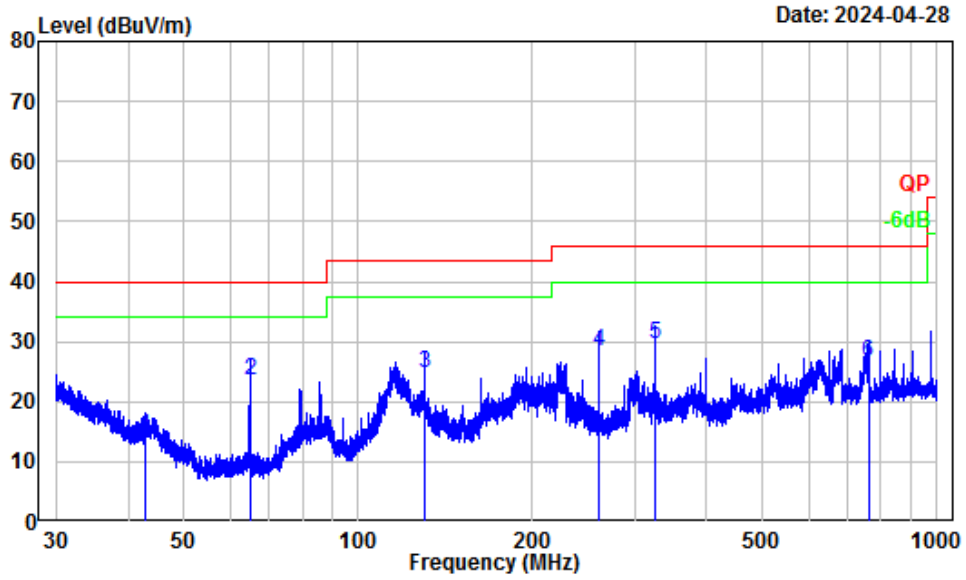
Horizontal



Site : Chamber A
Condition : 3m Vertical
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	43.89	-15.22	45.80	30.58	40.00	-9.42	QP
2	65.00	-18.75	53.30	34.55	40.00	-5.45	QP
3	130.04	-12.56	42.16	29.60	43.50	-13.90	QP
4	400.08	-10.80	39.08	28.28	46.00	-17.72	QP
5	456.51	-9.88	41.10	31.22	46.00	-14.78	QP
6	975.33	-4.40	40.11	35.71	54.00	-18.29	QP

Vertical

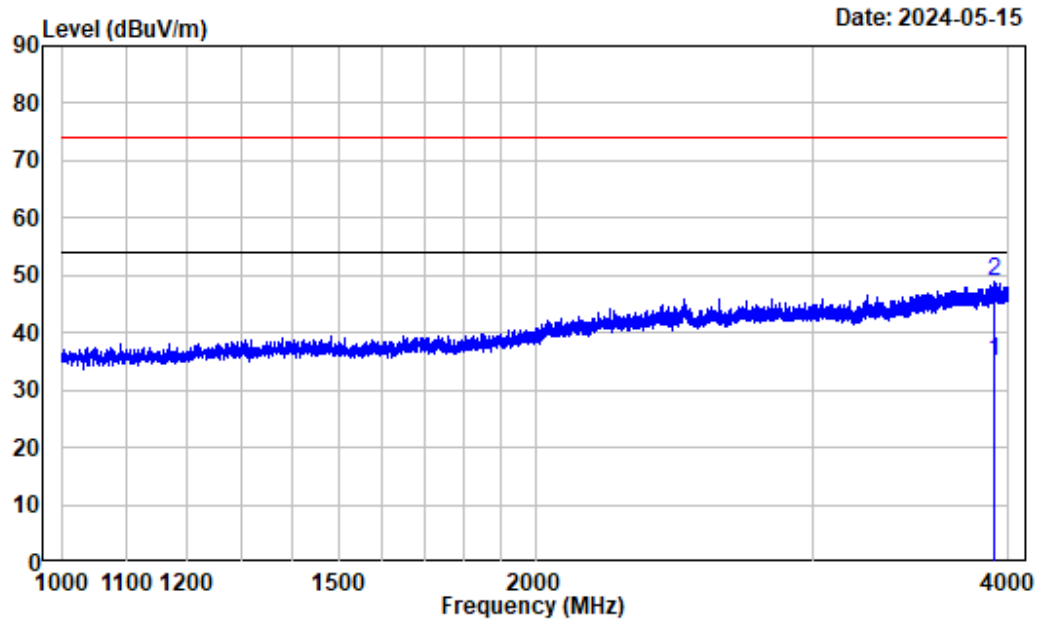


Site : Chamber A
Condition : 3m Horizontal
Project Number: 2401S70030-RF
Note : FM Receiving
Note : Warren Huang

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	42.81	-13.31	27.40	14.09	40.00	-25.91	QP
2	65.00	-17.65	41.13	23.48	40.00	-16.52	QP
3	129.98	-12.06	36.92	24.86	43.50	-18.64	QP
4	260.03	-14.18	42.50	28.32	46.00	-17.68	QP
5	325.03	-12.38	41.87	29.49	46.00	-16.51	QP
6	761.37	-5.48	32.16	26.68	46.00	-19.32	QP

1 ~ 4GHz

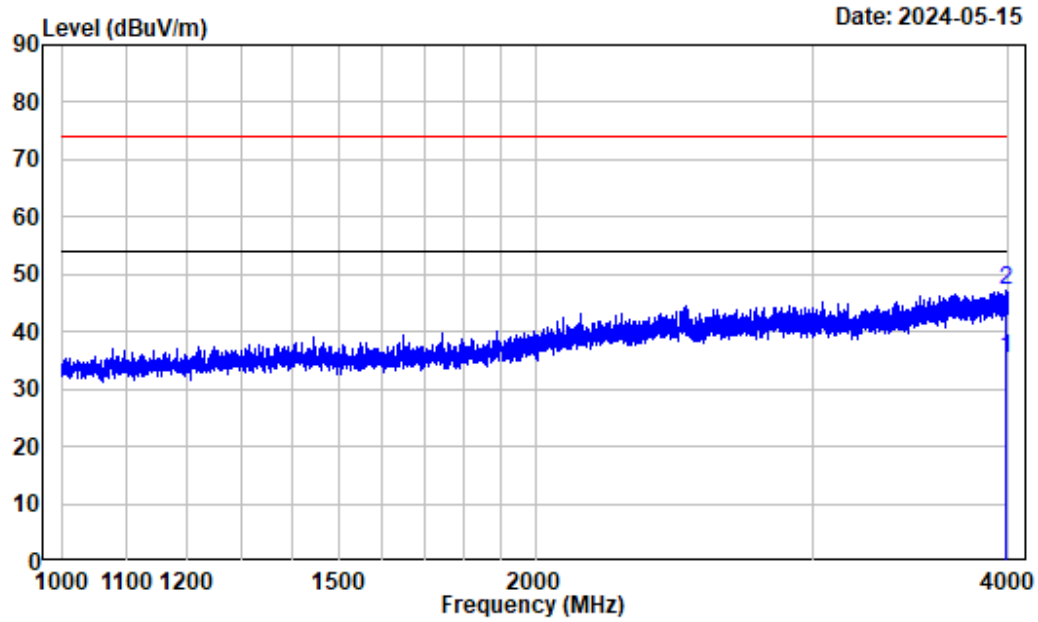
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3923.125	-0.36	35.26	34.90	54.00	-19.10	Average
2	3923.125	-0.36	49.41	49.05	74.00	-24.95	Peak

Vertical

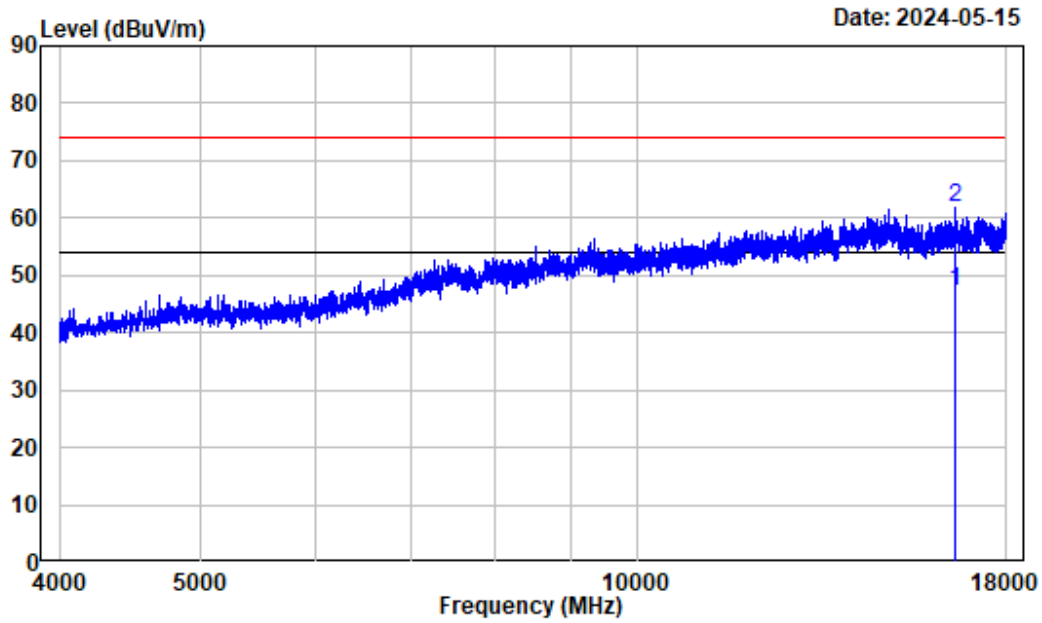


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	3985.750	-0.19	35.58	35.39	54.00	-18.61	Average
2	3985.750	-0.19	47.50	47.31	74.00	-26.69	Peak

4~ 18GHz

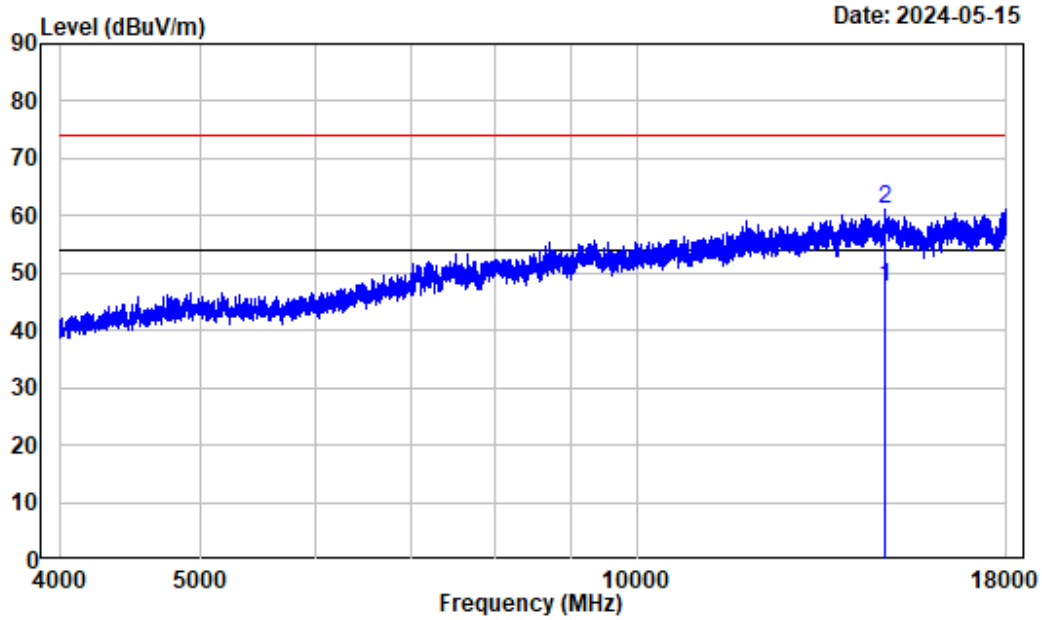
Horizontal



Site : chamber B
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	16572.000	15.91	31.46	47.37	54.00	-6.63	Average
2	16572.000	15.91	45.90	61.81	74.00	-12.19	Peak

Vertical

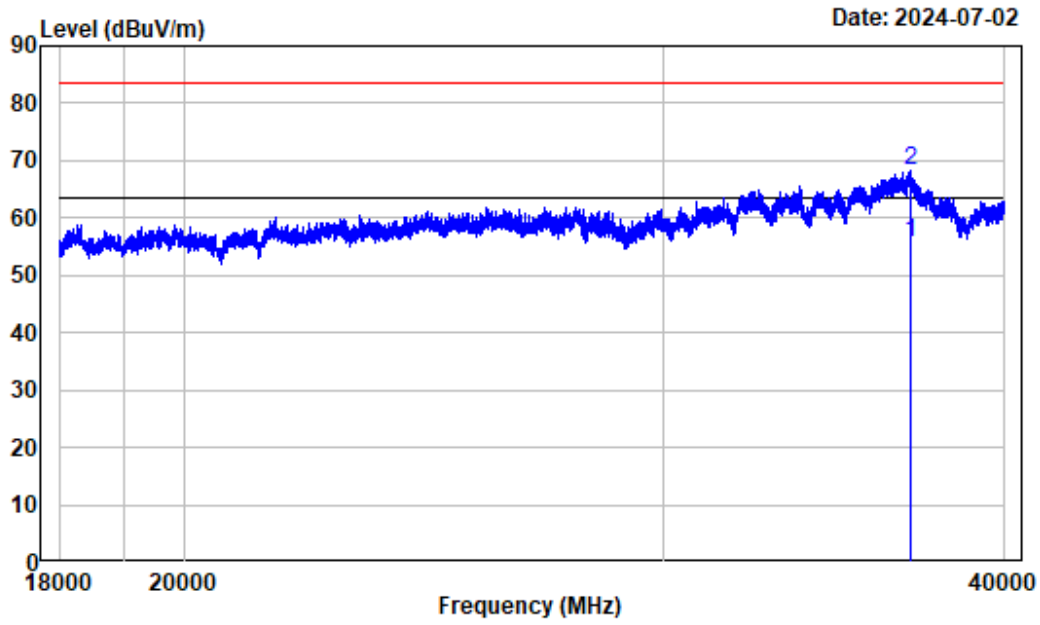


Site : chamber B
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	14853.500	16.73	30.90	47.63	54.00	-6.37	Average
2	14853.500	16.73	44.41	61.14	74.00	-12.86	Peak

18~40GHz

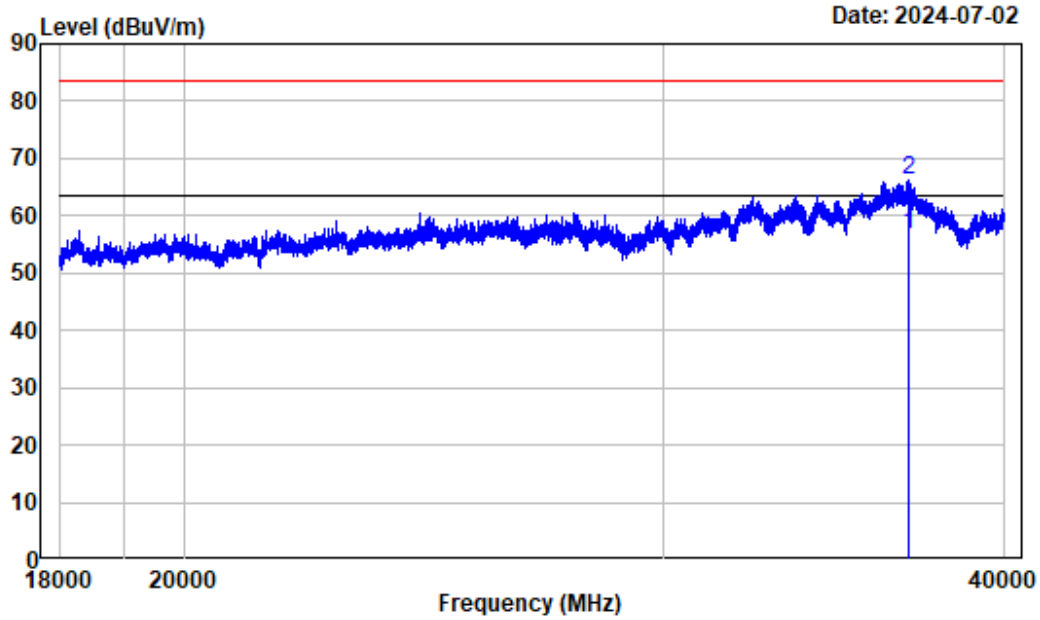
Horizontal



Site : chamber
Condition : Horizontal
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36958.500	24.94	30.85	55.79	63.50	-7.71	Average
2	36958.500	24.94	43.26	68.20	83.50	-15.30	Peak

Vertical



Site : chamber
Condition : Vertical
Project Number: 2401S70030-RF
Test Mode : FM Receiving
Tester : Tyler. Wu

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	36903.500	25.00	31.81	56.81	63.50	-6.69	Average
2	36903.500	25.00	41.18	66.18	83.50	-17.32	Peak

FCC §15.111 ANTENNA POWER CONDUCTION LIMITS FOR RECEIVERS

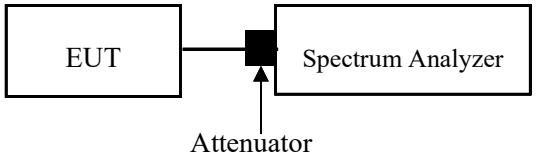
Applicable Standard

FCC§15.111.

(a) In addition to the radiated emission limits, receivers that operate (tune) in the frequency range 30 to 960 MHz and CB receivers that provide terminals for the connection of an external receiving antenna may be tested to demonstrate compliance with the provisions of § 15.109 with the antenna terminals shielded and terminated with a resistive termination equal to the impedance specified for the antenna, provided these receivers also comply with the following: With the receiver antenna terminal connected to a resistive termination equal to the impedance specified or employed for the antenna, the power at the antenna terminal at any frequency within the range of measurements specified in § 15.33 shall not exceed 2.0 nanowatts.

Test Procedure

EUT antenna port connected to a spectrum analyzer, the traces were recorded as shown on the data pages.



Test Data

Environmental Conditions

Temperature:	26.1 ℃
Relative Humidity:	55 %
ATM Pressure:	101 kPa

The testing was performed by Cheeb Huang on 2024-04-29.

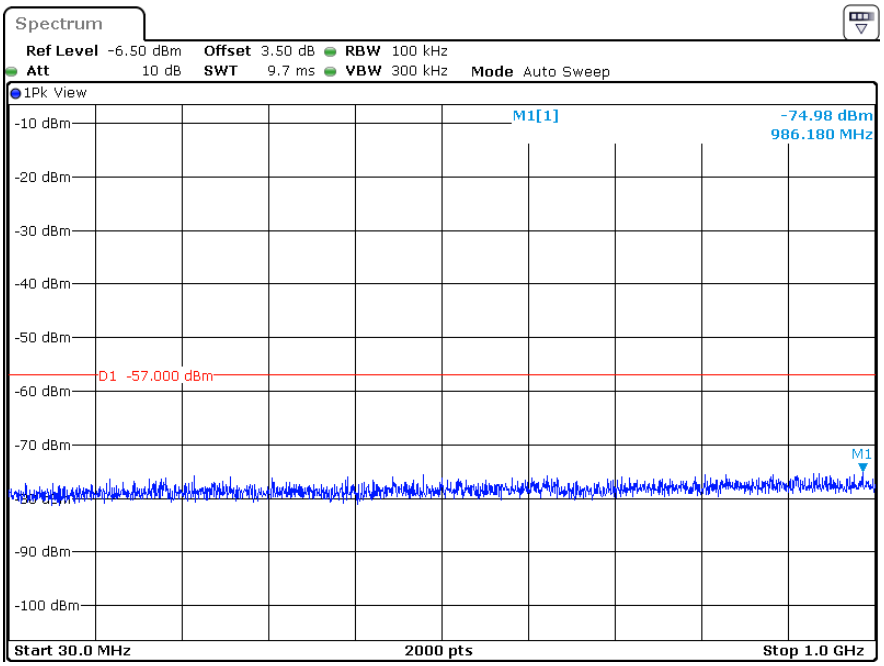
Test Mode 1&2

8 kHz - 80 MHz:

Test Mode 1

0.009MHz:

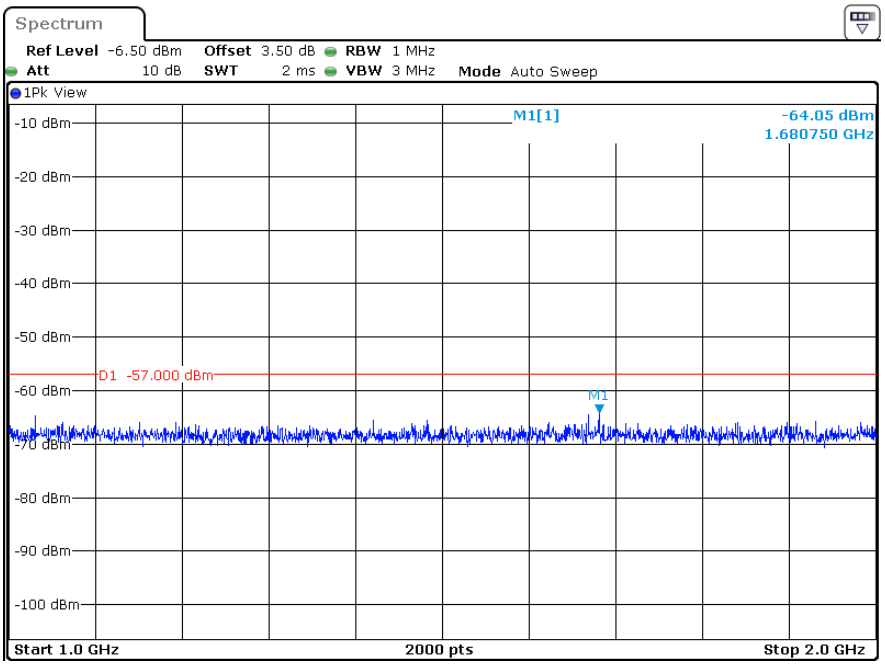
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:33:24

1~2 GHz

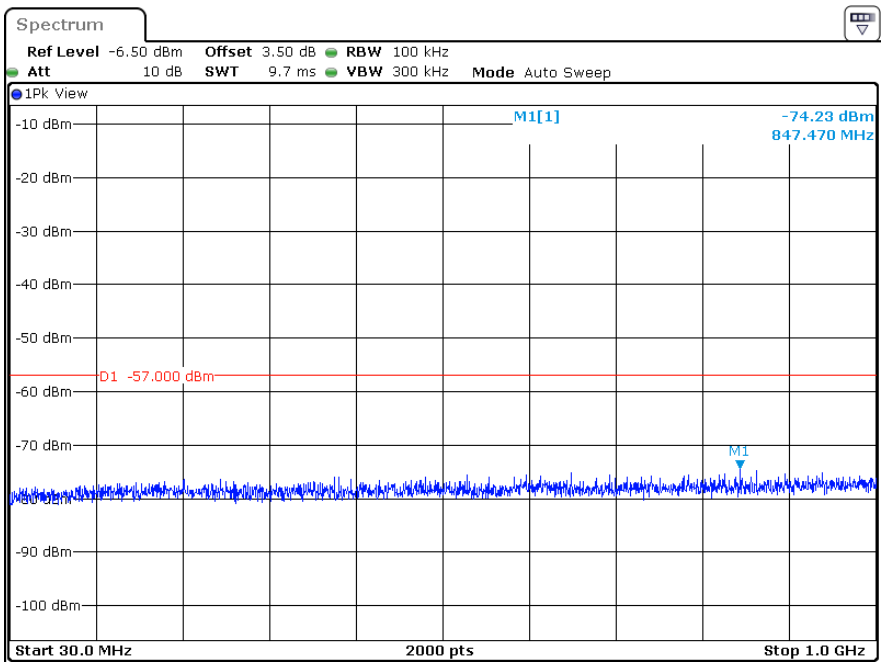


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:32:32

40MHz:

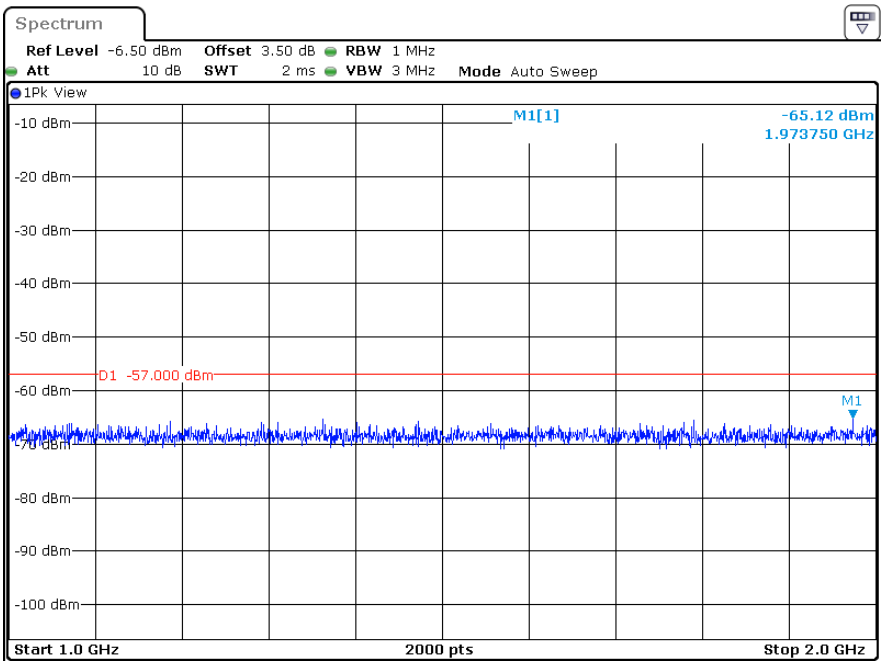
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:30:53

1~2 GHz

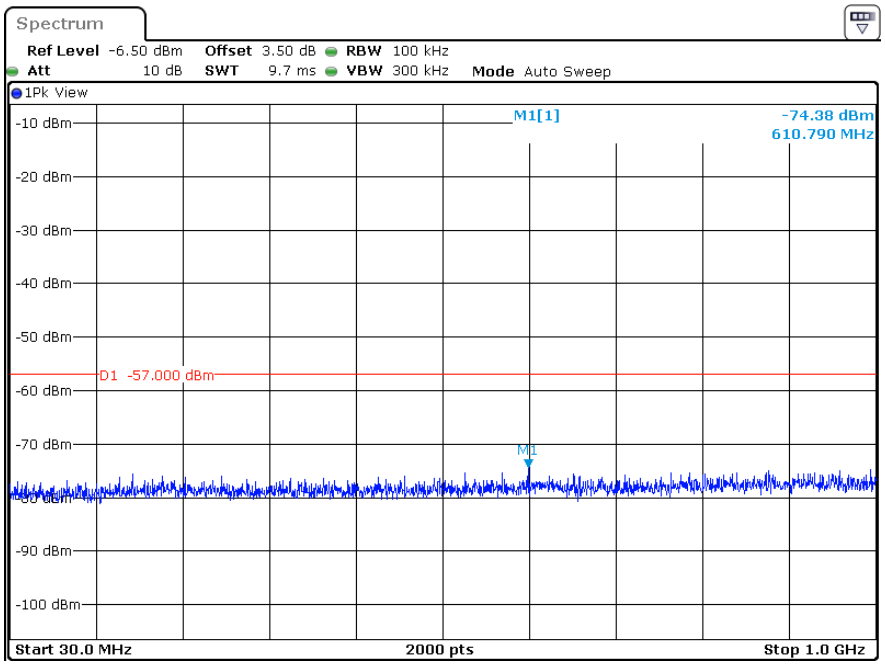


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:31:41

79.9MHz:

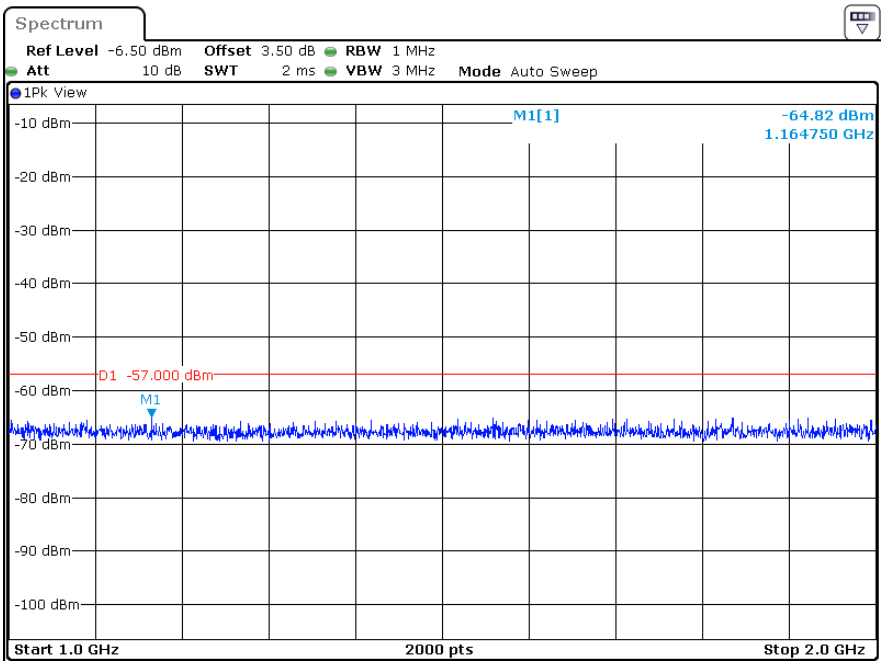
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:30:13

1~2 GHz



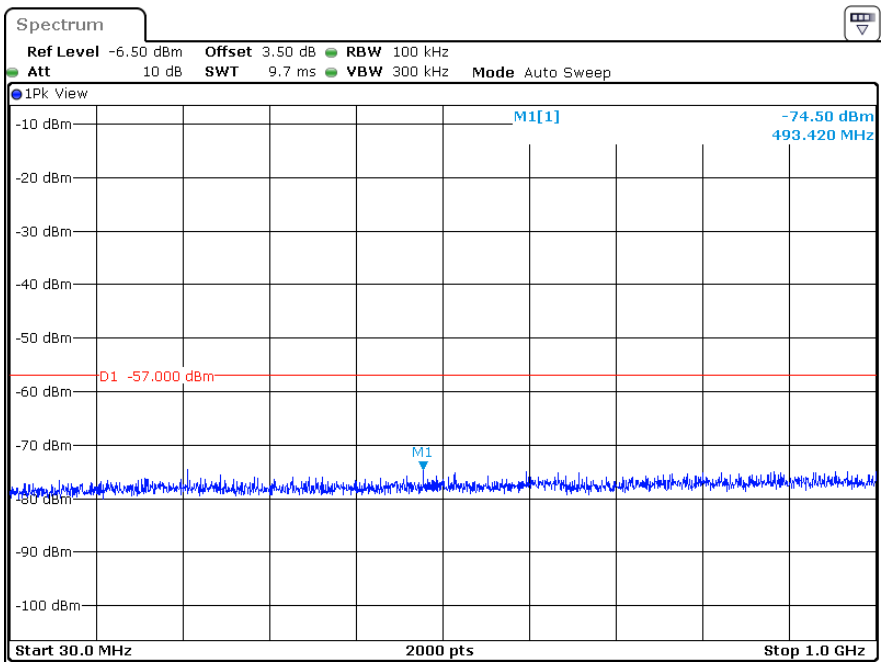
ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:29:37

Test Mode 2

0.009MHz:

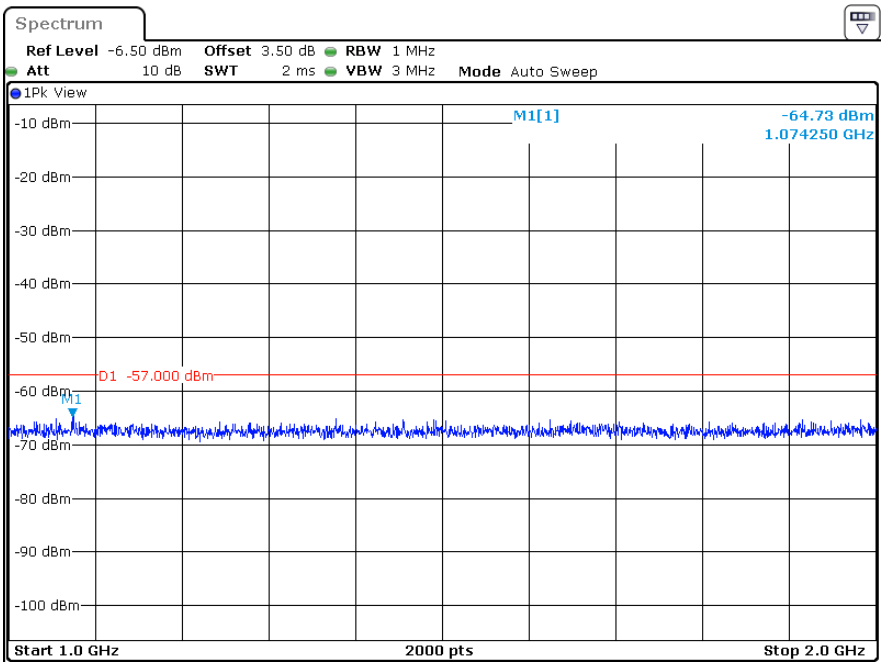
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:20:23

1~2 GHz

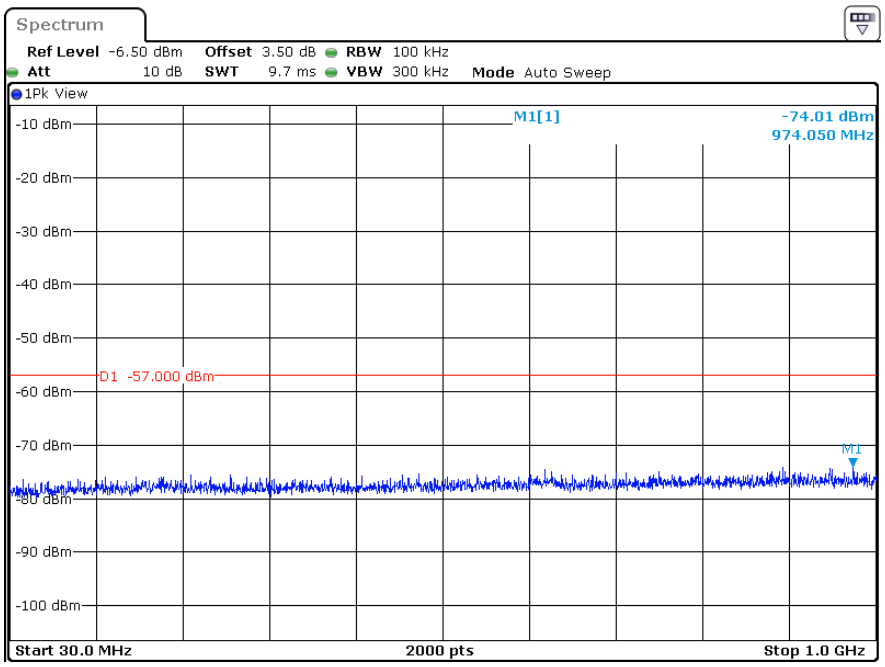


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:21:46

40MHz:

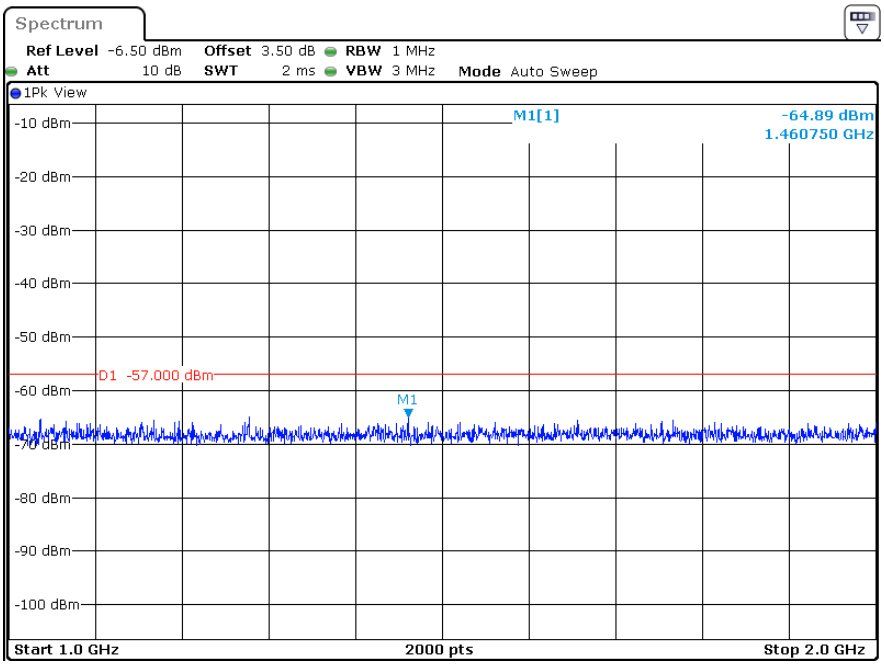
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:25:29

1~2 GHz

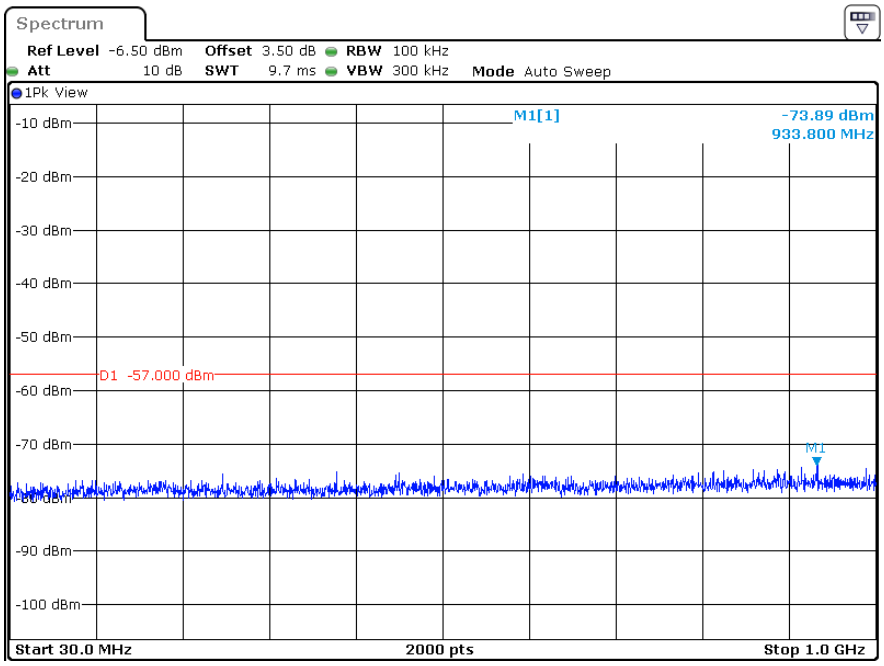


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:26:12

79.9MHz:

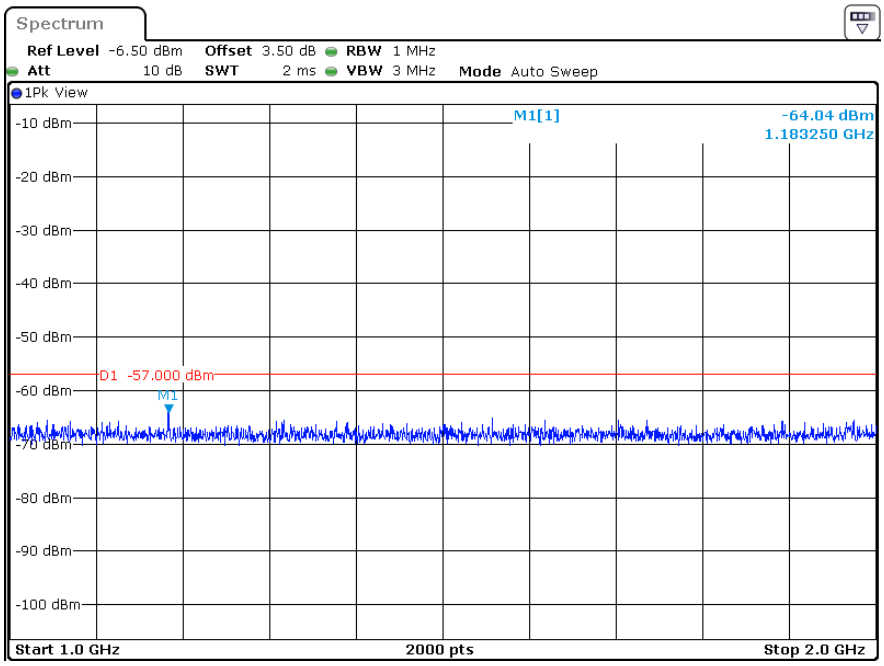
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:27:29

1~2 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

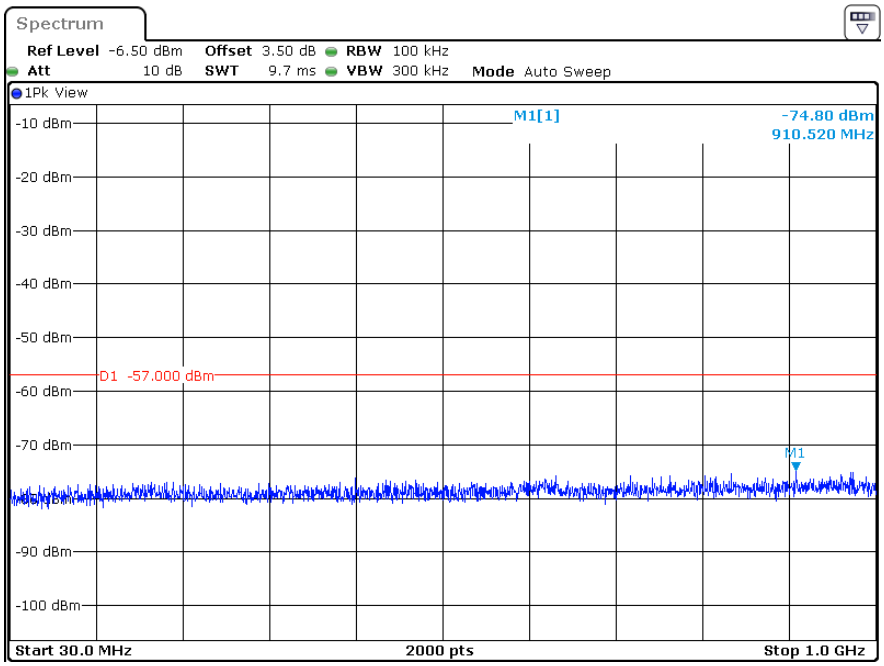
Date: 29.APR.2024 10:26:50

43 MHz - 8 GHz:

Test Mode 1

43.1MHz:

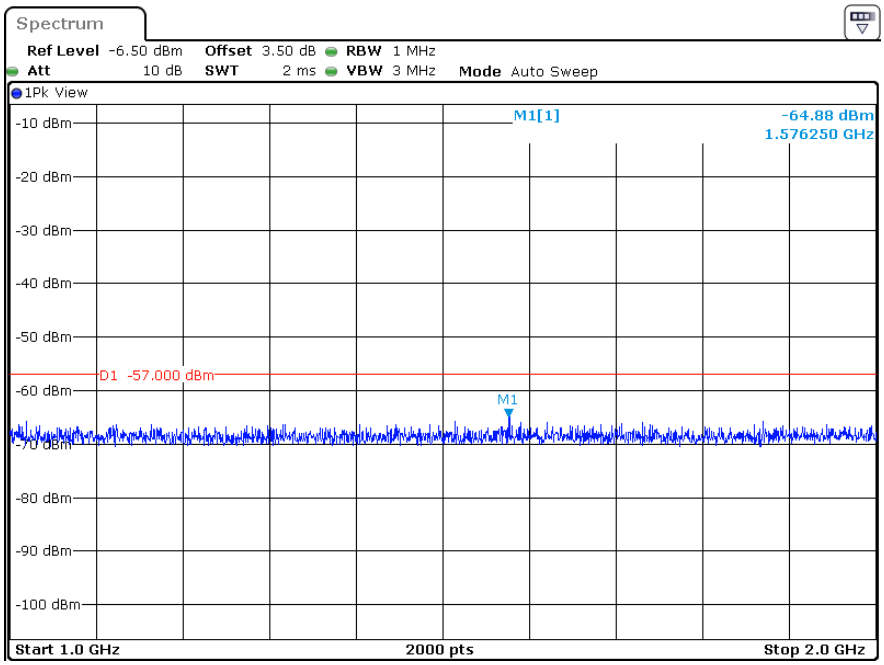
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:50:43

1~2 GHz

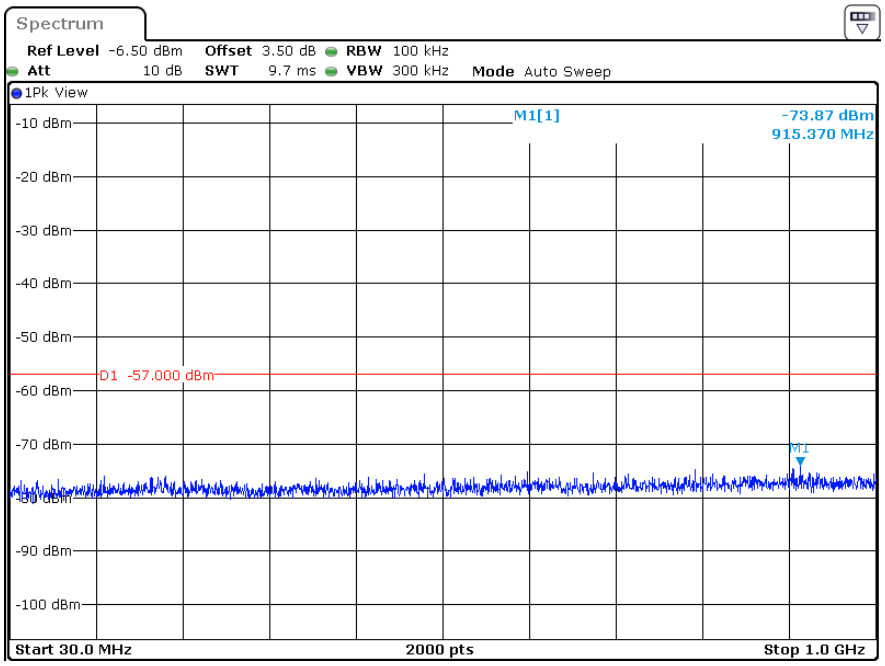


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:49:25

4000MHz:

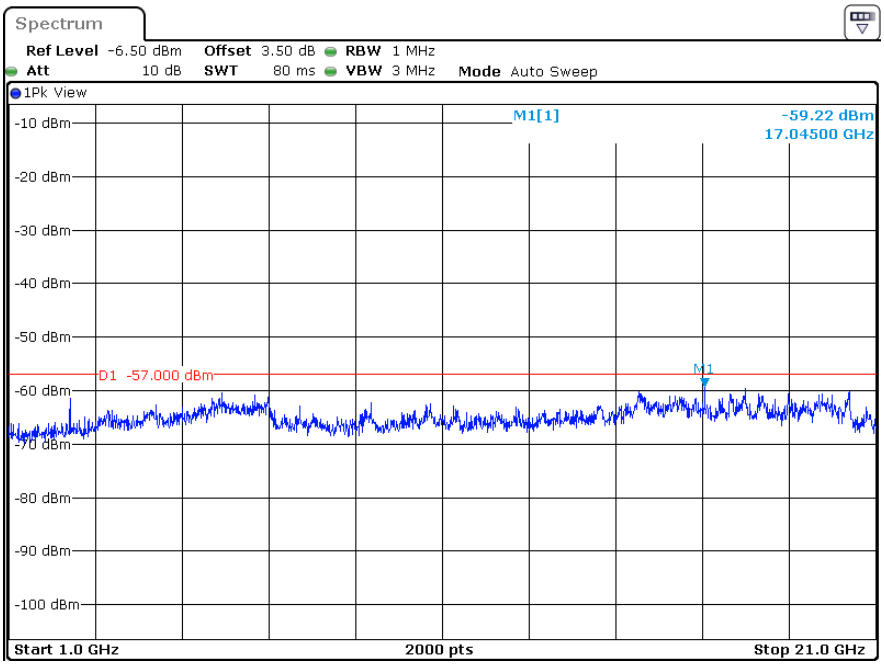
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:46:00

1~21 GHz

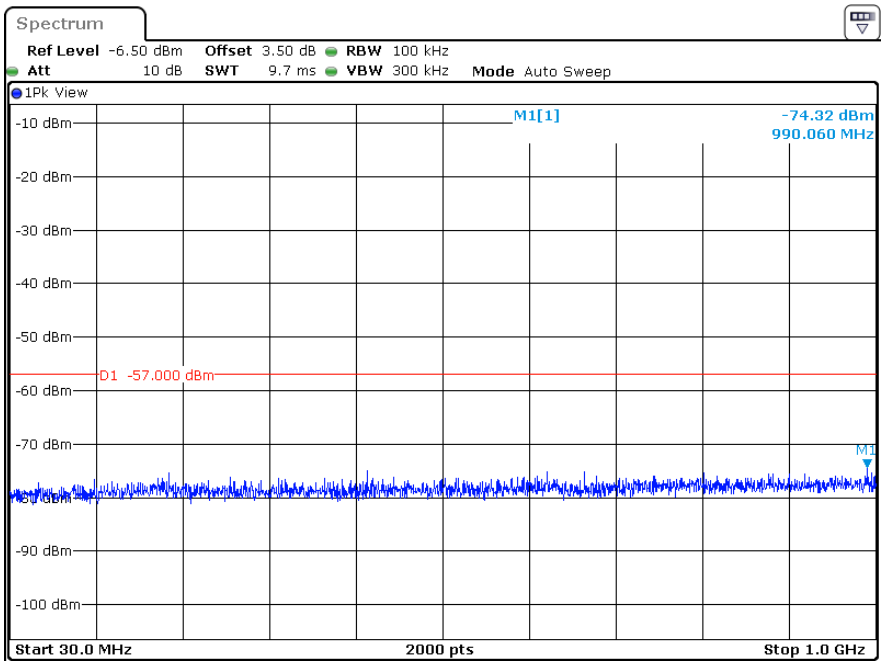


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:48:34

7999.9MHz:

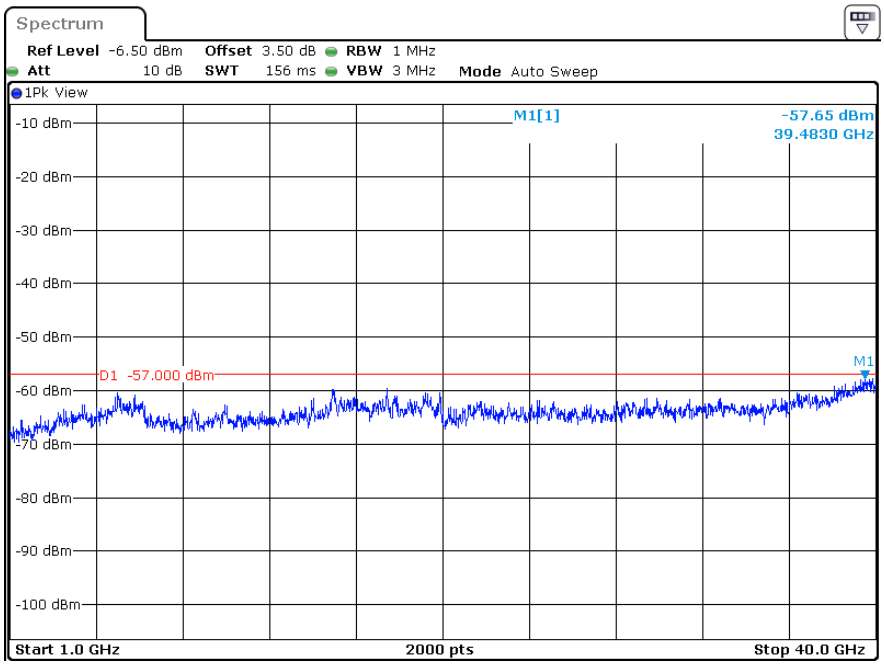
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:39:13

1~40GHz



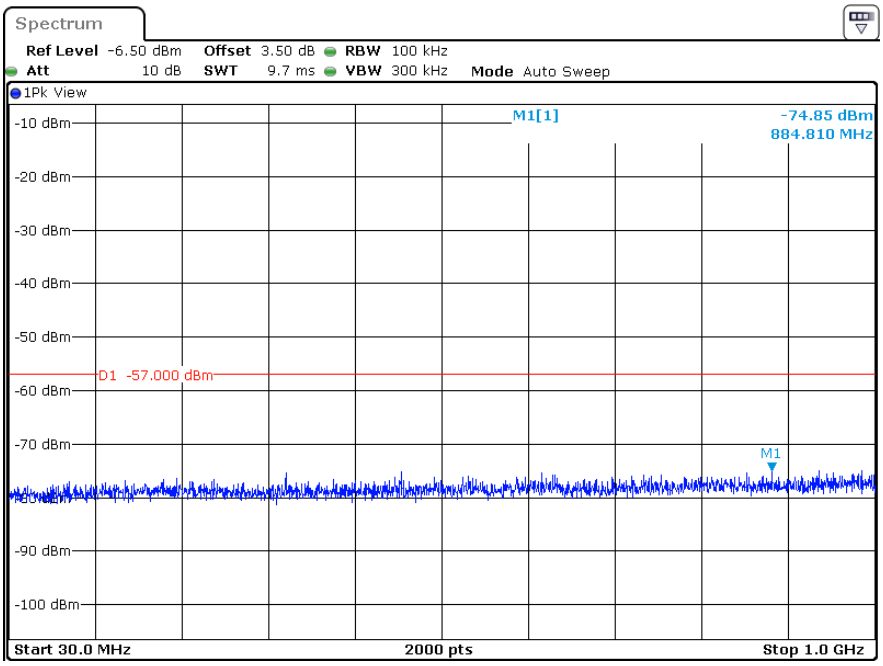
ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:41:43

Test Mode 2

43.1MHz:

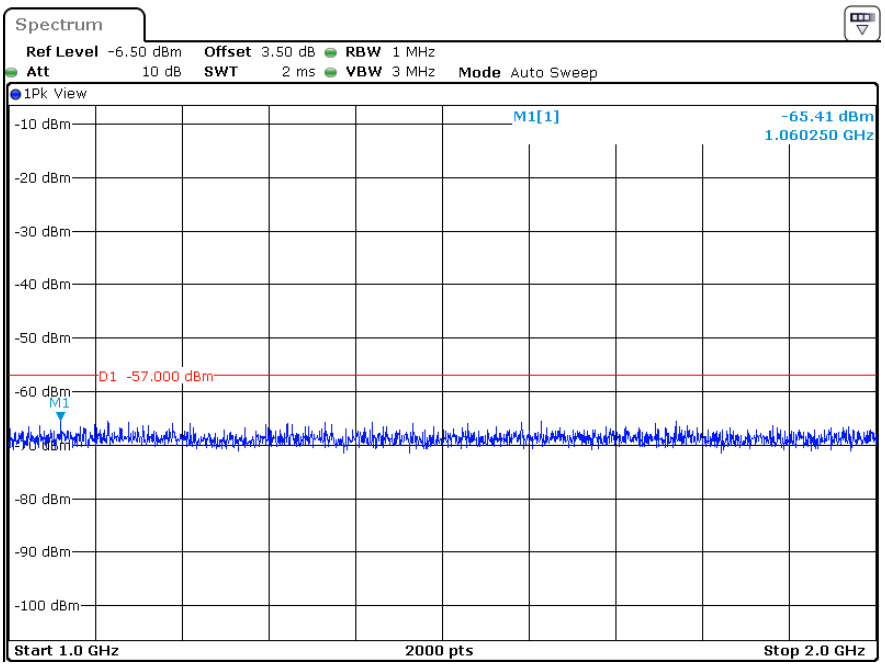
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:50:20

1~2 GHz

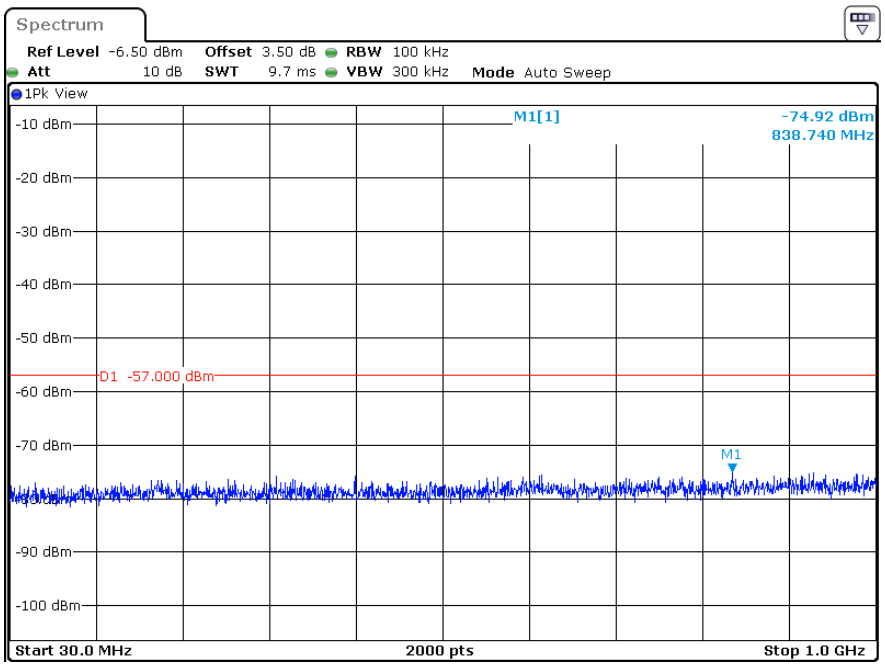


ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:49:48

4000MHz:

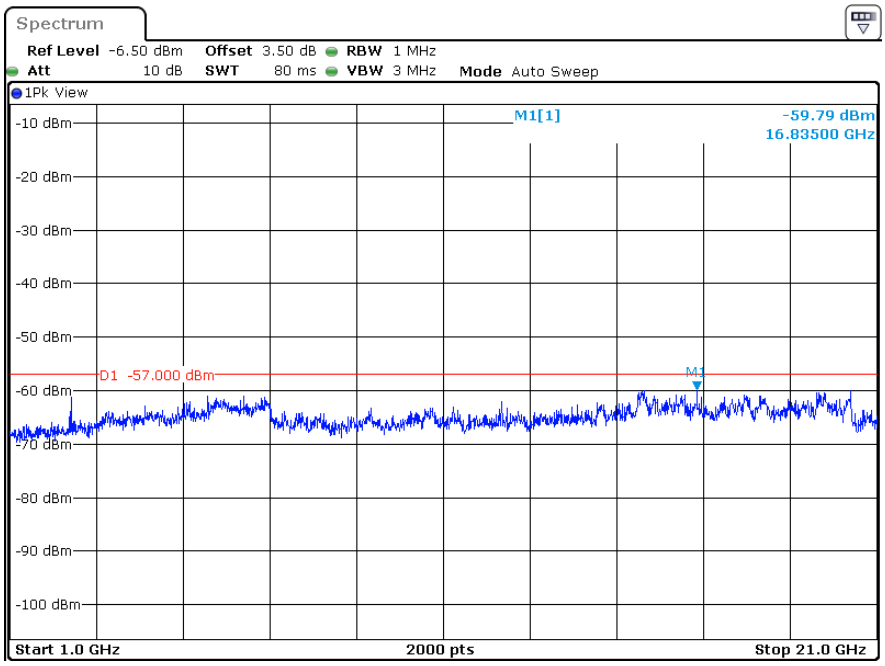
30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

Date: 29.APR.2024 10:46:58

1~21 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

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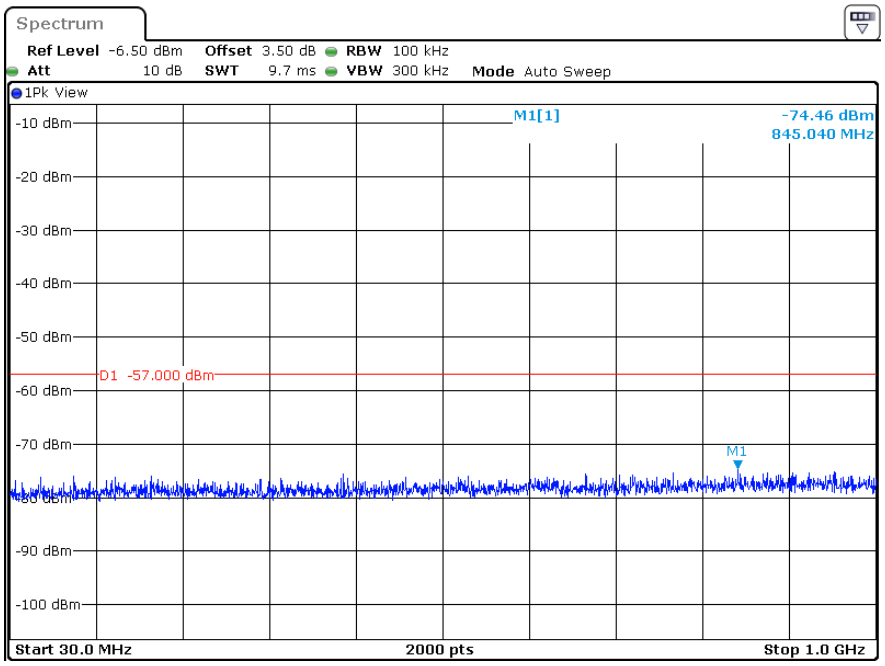
7999.9MHz:

30 MHz~1 GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

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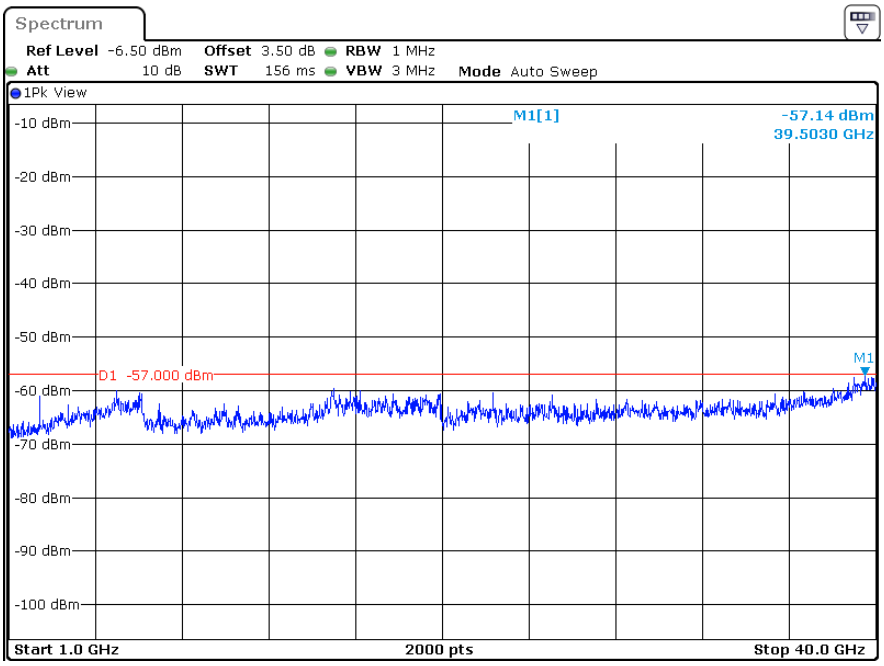
1~40GHz



ProjectNo.:2401S70030-RF Tester:Cheeb Huang

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EUT PHOTOGRAPHS

Please refer to the attachment 2401S70030-RF External photo and 2401S70030-RF Internal photo.

TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2401S70030-RF Test Setup photo.

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