



FCC PART 15B

TEST REPORT

For

Iradio Electronics Co., Ltd.

No.16 Daxiamei Industrial Area, Nan'an, Quanzhou City, China

FCC ID: Y23UV-98PLUS

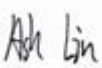
Report Type:	Product Name:
Original Report	FM Mobile Radio
Report Number:	<u>2507S12882E-EM-01</u>
Report Date:	<u>2025-06-30</u>
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507S12882E-EM-01	R1V1	2025-06-30	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:		Iradio Electronics Co., Ltd.
Product Name:		FM Mobile Radio
Tested Model:		UV-98PLUS, CP-998, CP-998Plus
Multiple Model(s):		UV-98, BAJETON BJ-98, BAJETON BJ-98 Pro, radtel RT-880, radtel RT-880G
Trade mark:		IRADIO
Power Supply:		DC 7.4V from battery or DC 5V from adapter or DC 8.7V from charger
Adapter information:	Model:	GA-0502000V
	Input:	AC 100-240V, 50-60Hz, 0.6A
	Output:	DC 5V, 1A
Charger information:	Model:	Unknown
	Input:	DC 5V
	Output:	DC 8.7V
★Highest Operating Frequency:		520 MHz
EUT Receive Status:		Good
Note: 1. The highest operating frequency is provided by the applicant. 2. The test model is identify with the series model except for the model name and appearance, please refer to declaration letter for more detail. 3. All measurement and test data in this report was gathered from production sample serial number: 317P-3(UV-98PLUS)、317P-18(CP-998Plus)、317P-17(CP-998) (Assigned by the BACL (Xiamen). The EUT was received on 2025-04-10).		

Objective

This report is prepared for *Iradio Electronics Co., Ltd.* in accordance with Part 2-Subpart J, and Part 15-Subparts A and B of the Federal Communication Commission's rules.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the product as specified in CISPR 16-4-2. This uncertainty represents expanded uncertainty expressed at 95% confidence level using a coverage factor of k=2.

$$u_c(y) = \sqrt{\sum_i c_i^2 u^2(x_i)}$$

Item	Frequency Range	$U_{lab} = 2 u_c(y)$ (Confidence of 95%)
Conducted Emission	150kHz-30MHz	2.45dB
Radiated Emission	30MHz~200MHz	3.47dB
	200MHz~1GHz	4.86dB
	1GHz~6GHz	4.88dB
Unwanted Emissions, conducted		2.92dB
Humidity		5%
Temperature		1°C

SYSTEM TEST CONFIGURATION

Test Mode and Voltage

The system was configured for testing in a typical mode (as normally used by a typical user).	
Test mode:	Test Mode 1: Charging by adapter & Scanning Test Mode 2: Charging by adapter & Receiving Test Mode 3: Charging by charger & Scanning Test Mode 4: Charging by charger & Receiving
Test voltage:	Test Mode 1: DC 5V from adapter (AC 120V/60Hz) Test Mode 2: DC 5V from adapter (AC 120V/60Hz) Test Mode 3: DC 8.7V from charger (AC 120V/60Hz) Test Mode 4: DC 8.7V from charger (AC 120V/60Hz)
Remark	This system assessment was only applicable to the scanning and receiving mode.

Description of Test Configuration

Operation Modes	Operation Frequency Range (MHz)	Test Frequency (MHz)
Scanning	108-136	108-136
	136-174	136-174
	220-260	220-260
	350-390	350-390
	400-520	400-520
VHF Receiving	108-136	108.0125, 122, 135.9875
	136-174	136.0125, 155, 173.9875
	220-260	220.0125, 240, 259.9875
UHF Receiving	350-390	350.0125, 370, 389.9875
	400-520	400.0125, 460, 519.9875

EUT Exercise Software

No exercise software was used to test.

Special Accessories

No special accessory was used.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
HP	RF Communications test set	8920A	3524A07202
Unknown	Antenna	Unknown	Unknown
Iradio Electronics Co., Ltd.	Earphone	Unknown	Unknown

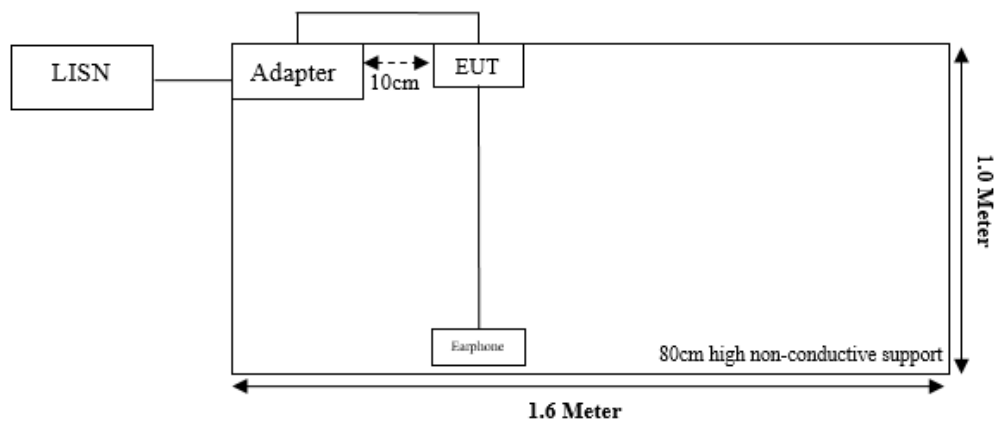
External I/O Cable

Cable Description	Length (m)	From Port	To Port
Antenna Cable	3.0	8920A	Antenna
Earphone Cable	1.4	EUT	Earphone

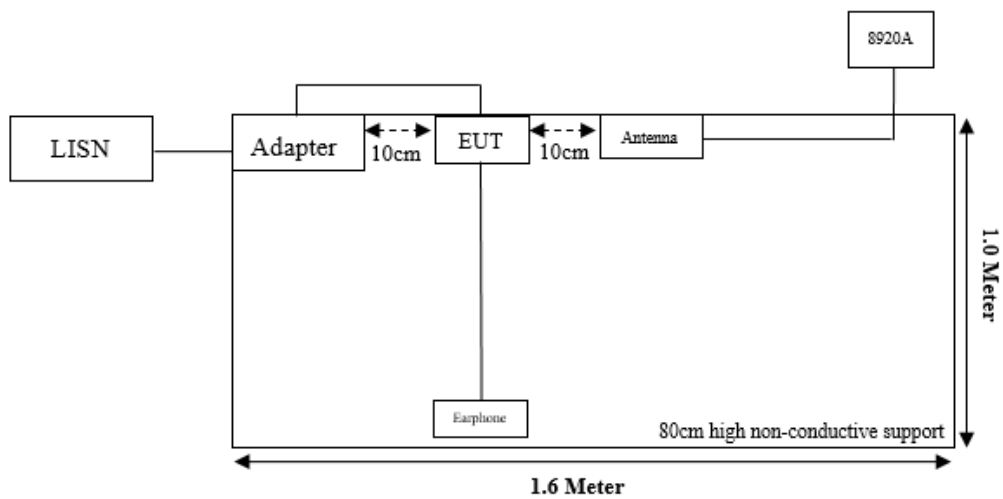
Block Diagram of Test Setup

Conducted Emission:

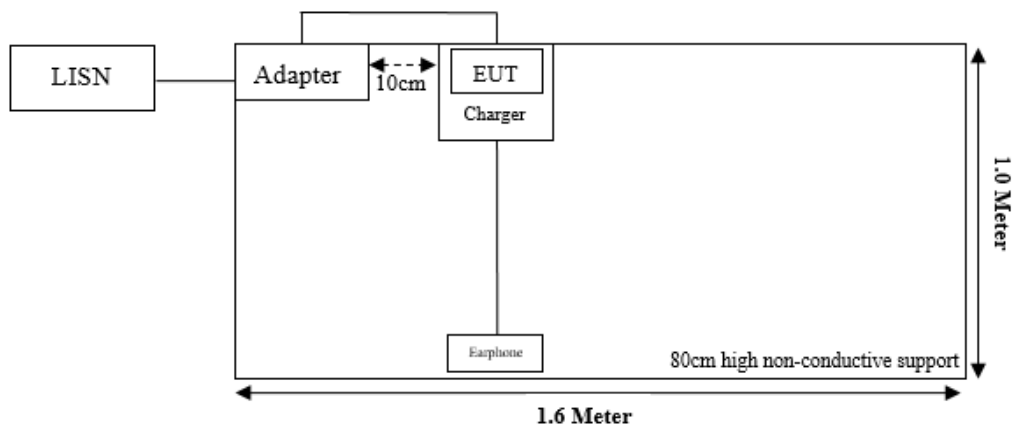
Test Mode 1:



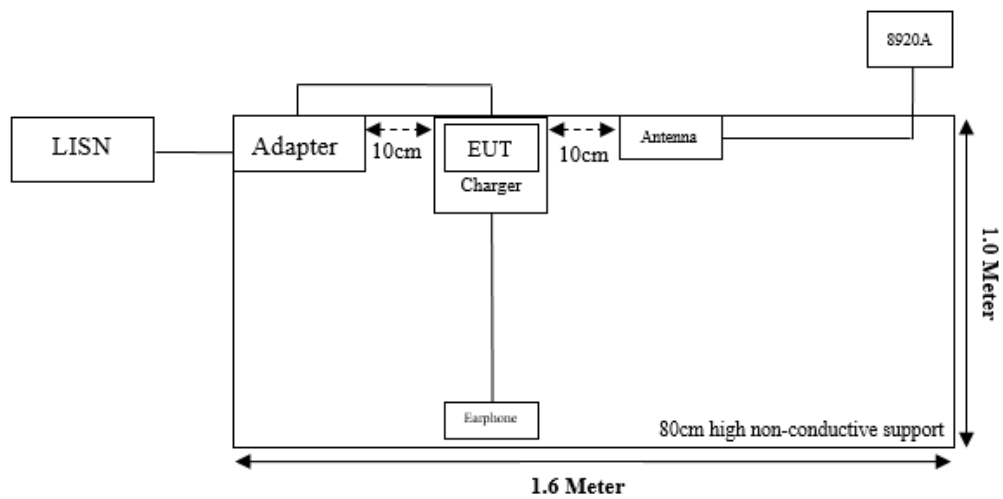
Test Mode 2:



Test Mode 3:

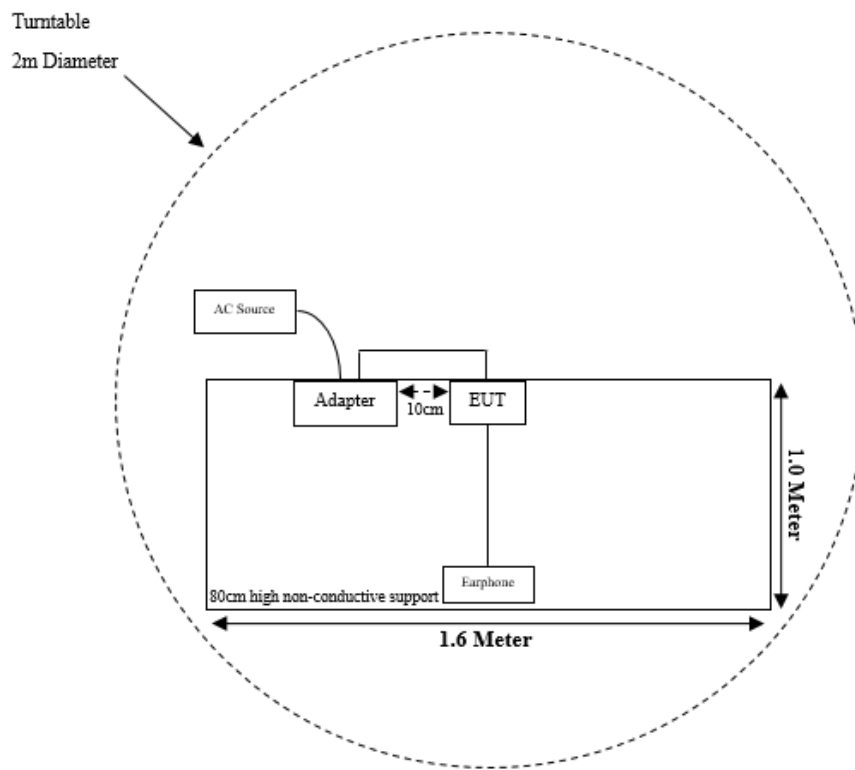


Test Mode 4:

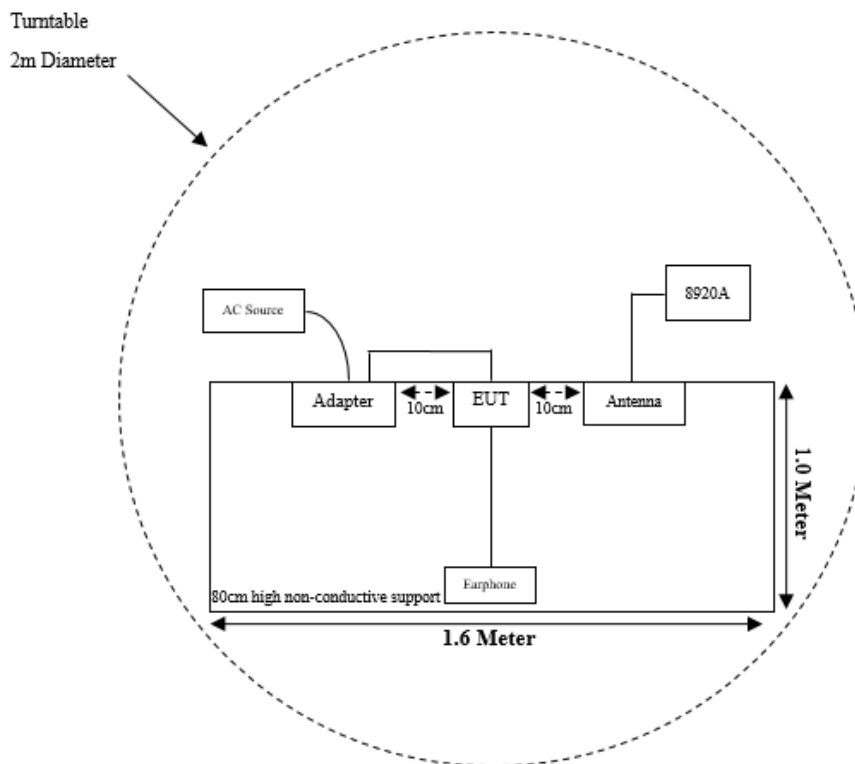


Radiated Emission:

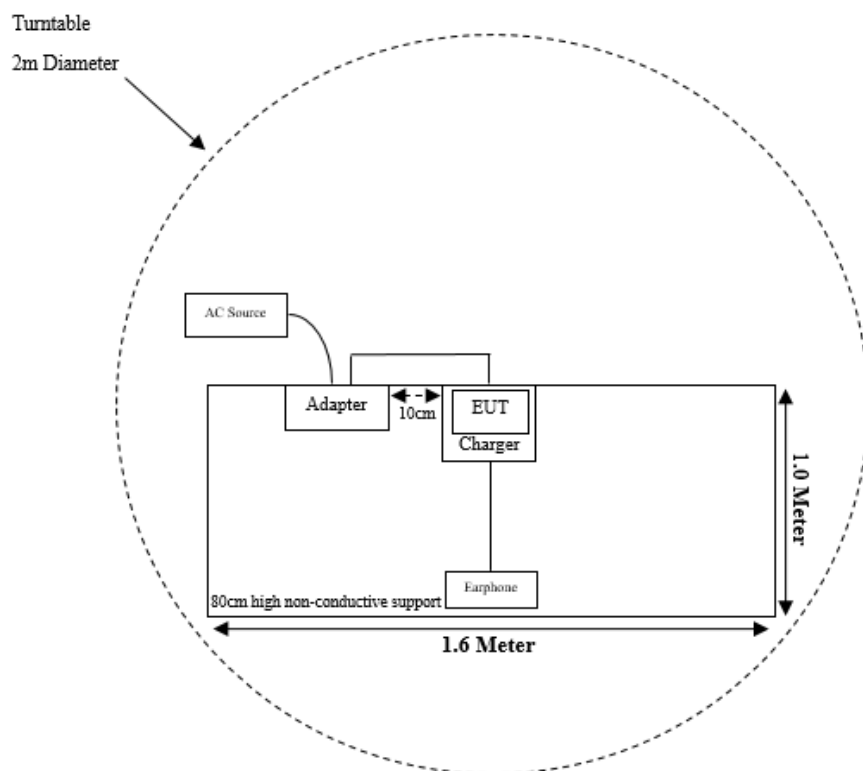
Test Mode 1:



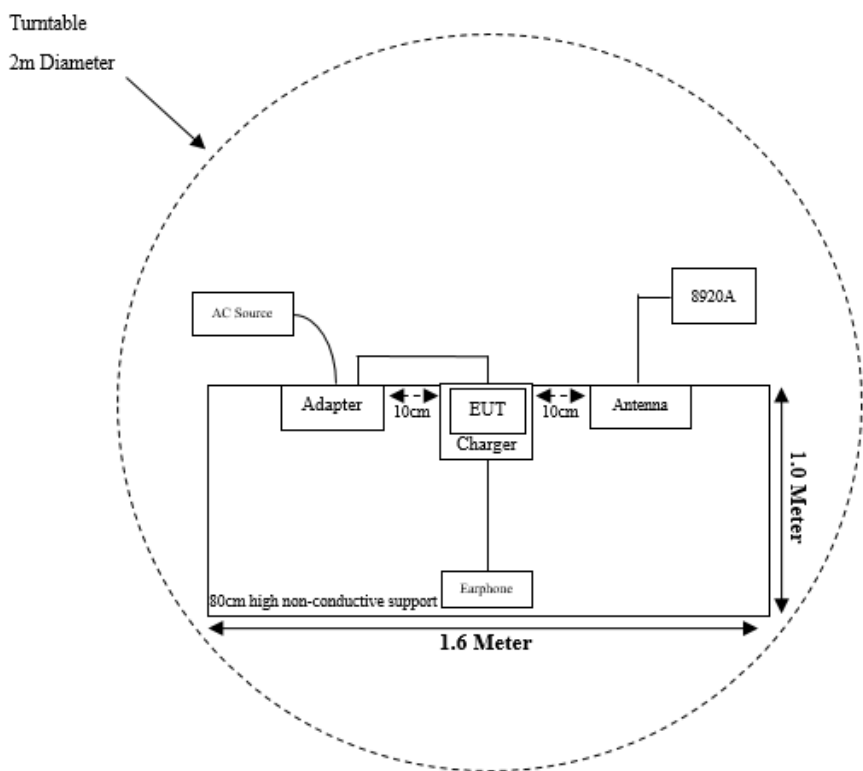
Test Mode 2:



Test Mode 3:



Test Mode 4:



SUMMARY OF TEST RESULTS

Rule Part	Description of Test	Results
FCC§15.107	Conducted Emission	Compliant
FCC§15.109	Radiated Emission	Compliant
FCC §15.121(b)	Scanning receivers and frequency converters used with scanning receivers	Compliant

TEST EQUIPMENT LIST

Test Equipment	Manufacturer	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emission					
EMI Test Receiver	Rohde & Schwarz	ESR	103105	2025/02/20	2026/02/19
LISN	Rohde & Schwarz	ENV216	100129	2025/02/20	2026/02/19
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	0357.8810.54	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC001	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emission 30 MHz to 1 GHz					
EMI Test Receiver	Rohde & Schwarz	ESR	103103	2025/02/20	2026/02/19
Antenna	Sunol Sciences	JB6	A122022-5	2023/07/27	2026/07/26
Amplifier	Sonoma	310B	120903	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH400T-N-4M	CC002	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-2M	CC006	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH460B-N-12M	CC007	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
Radiated Emission Above 1 GHz					
Spectrum Analyzer	Rohde & Schwarz	FSU	100405	2025/02/20	2026/02/19
Horn Antenna	EMCO	3115	9002-3355	2024/11/19	2027/11/18
Preamplifier	GLOBAL	1313-A100M18G	4121301	2025/01/16	2026/01/15
Coaxial Cable	XINHANGWEIBO	XH800A-N-6M	CC003	2025/02/20	2026/02/19
Coaxial Cable	XINHANGWEIBO	XH800A-N-1M	CC005	2025/02/20	2026/02/19
Test Software	Audix	E3	18621a	N/A	N/A
RF Conducted Test					
Coaxial Cable	WEIHE	WH316	RFCC002	Each time	Each time
RF Communications test set	HP	8920A	3524A07202	2025/04/13	2026/04/12
Power Splitter	narda	4426LB-2	1661	N/A	N/A
Microwave Analog Signal Generator	Agilent	N5183A	MY47420335	2025/2/20	2026/2/19
Attenuator	Electronic Corporation	30-WA-FFN-30	1172435	2025/2/20	2026/2/19

Statement of Traceability: Bay Area Compliance Laboratories Corp. (Xiamen) 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 - CONDUCTED EMISSION

Applicable Standard

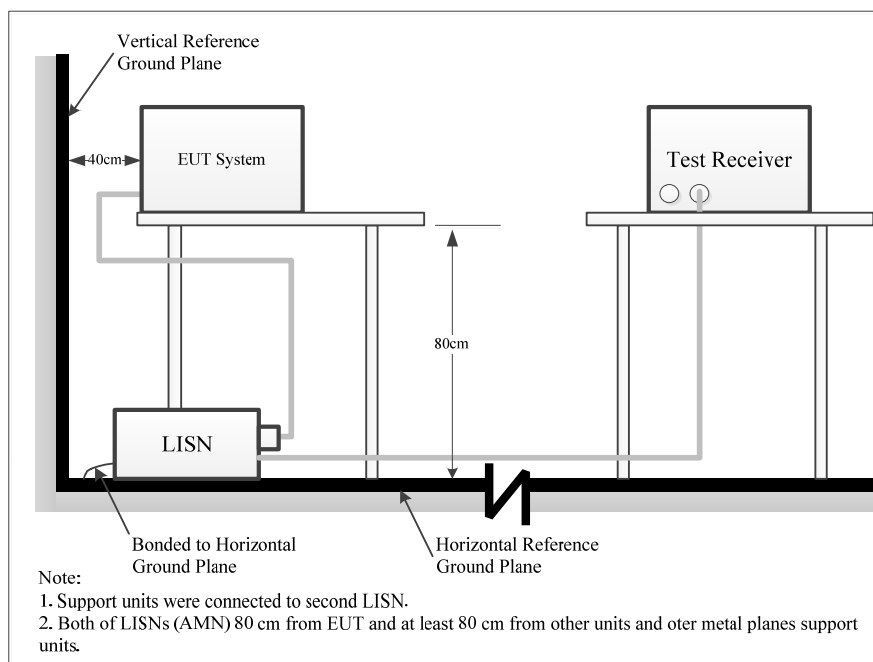
FCC §15.107

(a) Except for Class A digital devices, for equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

Frequency of emission (MHz)	Conducted limit (dB μ V)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

*Decreases with the logarithm of the frequency.

Test System Setup



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

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

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Result & Margin Calculation

The Result is calculated by adding LISN VDF (Voltage Division Factor), Cable Loss and Transient Limiter Attenuation from the Meter Reading. The basic equation is as follows:

$$\begin{aligned}\text{Factor (dB)} &= \text{LISN VDF (dB)} + \text{Cable Loss (dB)} + \text{Transient Limiter Attenuation (dB)} \\ \text{Result (dB}\mu\text{V)} &= \text{Reading (dB}\mu\text{V)} + \text{Factor (dB)}\end{aligned}$$

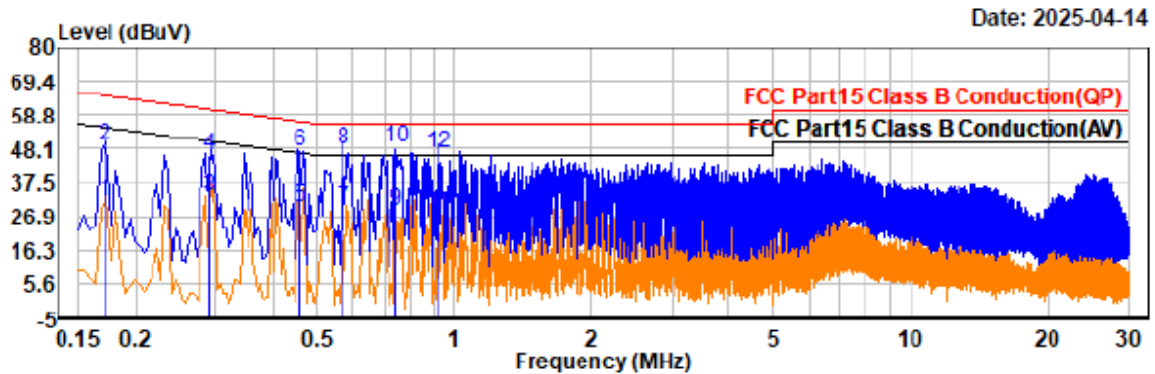
The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

$$\text{Margin (dB)} = \text{Limit (dB}\mu\text{V)} - \text{Result (dB}\mu\text{V)}$$

Test Data (Worst case)**Test Model: UV-98PLUS**

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)



Trace: 1

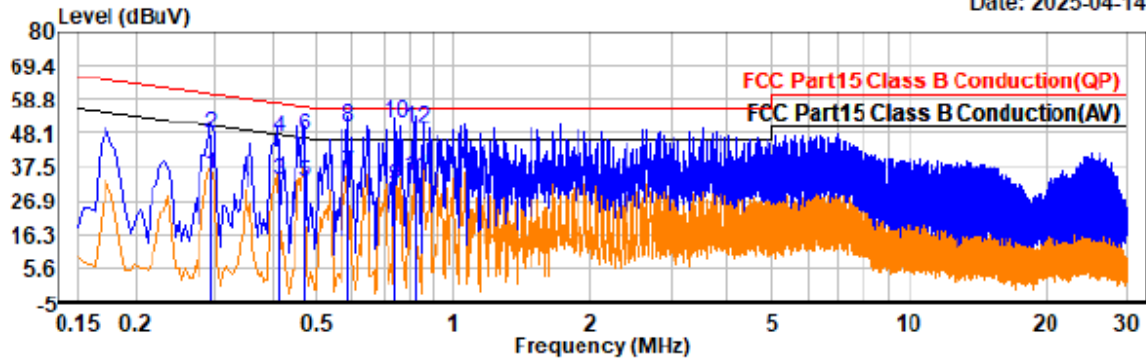
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.17	10.43	20.76	31.19	54.88	23.69	Line	Average
0.17	28.27	20.76	49.03	64.88	15.85	Line	QP
0.29	12.81	20.46	33.27	50.49	17.22	Line	Average
0.29	25.68	20.46	46.14	60.49	14.35	Line	QP
0.46	9.30	20.32	29.62	46.72	17.10	Line	Average
0.46	26.95	20.32	47.27	56.72	9.45	Line	QP
0.57	8.75	20.37	29.12	46.00	16.88	Line	Average
0.57	27.47	20.37	47.84	56.00	8.16	Line	QP
0.74	8.08	20.57	28.65	46.00	17.35	Line	Average
0.74	27.90	20.57	48.47	56.00	7.53	Line	QP
0.92	6.28	20.81	27.09	46.00	18.91	Line	Average
0.92	25.94	20.81	46.75	56.00	9.25	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-14



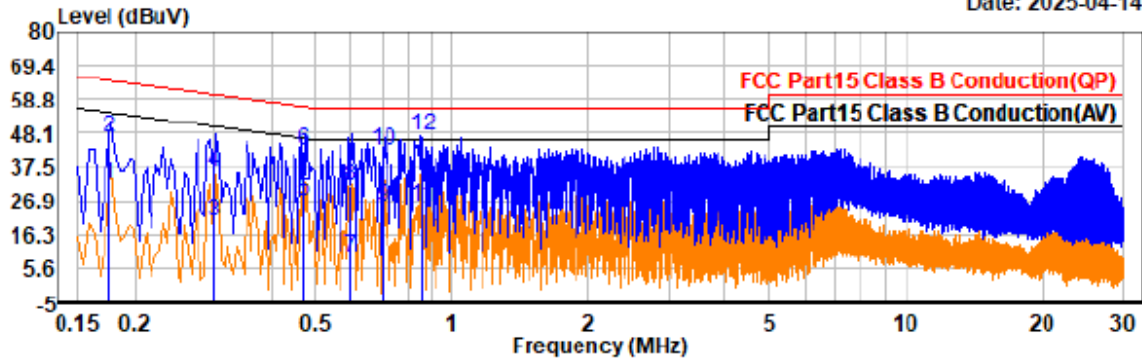
Trace: 1
 Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.29	14.06	20.55	34.61	50.39	15.78	Neutral	Average
0.29	26.93	20.55	47.48	60.39	12.91	Neutral	QP
0.41	12.70	20.44	33.14	47.62	14.48	Neutral	Average
0.41	26.31	20.44	46.75	57.62	10.87	Neutral	QP
0.47	12.23	20.41	32.64	46.49	13.85	Neutral	Average
0.47	26.99	20.41	47.40	56.49	9.09	Neutral	QP
0.59	15.15	20.35	35.50	46.00	10.50	Neutral	Average
0.59	30.05	20.35	50.40	56.00	5.60	Neutral	QP
0.74	11.18	20.40	31.58	46.00	14.42	Neutral	Average
0.74	30.82	20.40	51.22	56.00	4.78	Neutral	QP
0.82	13.61	20.59	34.20	46.00	11.80	Neutral	Average
0.82	28.94	20.59	49.53	56.00	6.47	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-14



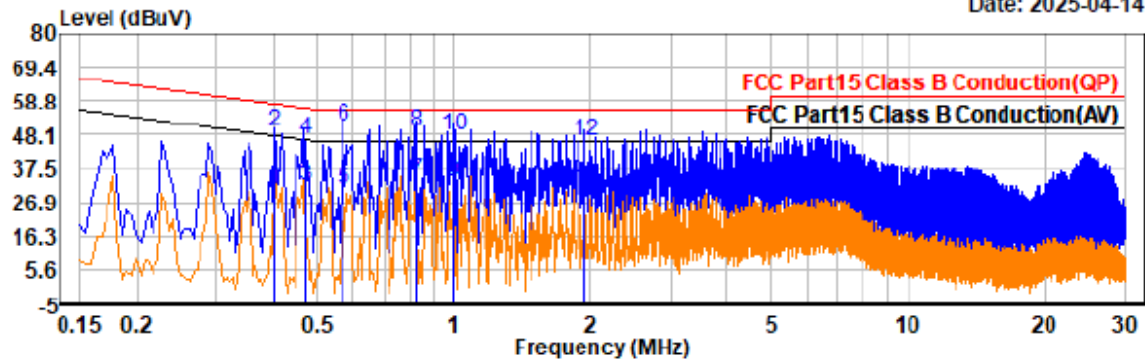
Trace: 1
 Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.18	11.08	20.73	31.81	54.71	22.90	Line	Average
0.18	25.69	20.73	46.42	64.71	18.29	Line	QP
0.30	-0.31	20.45	20.14	50.24	30.10	Line	Average
0.30	15.54	20.45	35.99	60.24	24.25	Line	QP
0.47	6.20	20.31	26.51	46.45	19.94	Line	Average
0.47	21.94	20.31	42.25	56.45	14.20	Line	QP
0.60	-11.58	20.41	8.83	46.00	37.17	Line	Average
0.60	10.90	20.41	31.31	56.00	24.69	Line	QP
0.70	4.69	20.50	25.19	46.00	20.81	Line	Average
0.70	21.98	20.50	42.48	56.00	13.52	Line	QP
0.86	4.09	20.74	24.83	46.00	21.17	Line	Average
0.86	26.27	20.74	47.01	56.00	8.99	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-14



Trace: 1

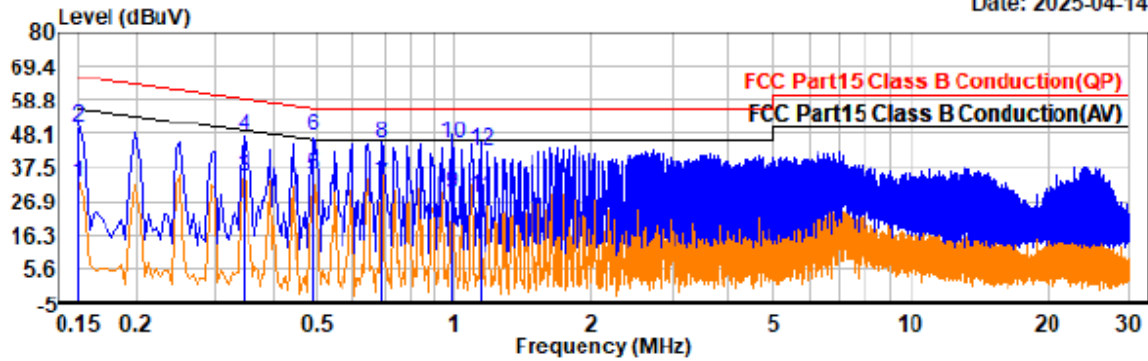
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.40	10.16	20.45	30.61	47.85	17.24	Neutral	Average
0.40	28.59	20.45	49.04	57.85	8.81	Neutral	QP
0.47	11.46	20.41	31.87	46.50	14.63	Neutral	Average
0.47	25.97	20.41	46.38	56.50	10.12	Neutral	QP
0.57	10.43	20.35	30.78	46.00	15.22	Neutral	Average
0.57	30.48	20.35	50.83	56.00	5.17	Neutral	QP
0.82	13.02	20.59	33.61	46.00	12.39	Neutral	Average
0.82	28.31	20.59	48.90	56.00	7.10	Neutral	QP
1.00	12.08	20.92	33.00	46.00	13.00	Neutral	Average
1.00	26.92	20.92	47.84	56.00	8.16	Neutral	QP
1.94	9.73	21.03	30.76	46.00	15.24	Neutral	Average
1.94	24.70	21.03	45.73	56.00	10.27	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-14



Trace: 1

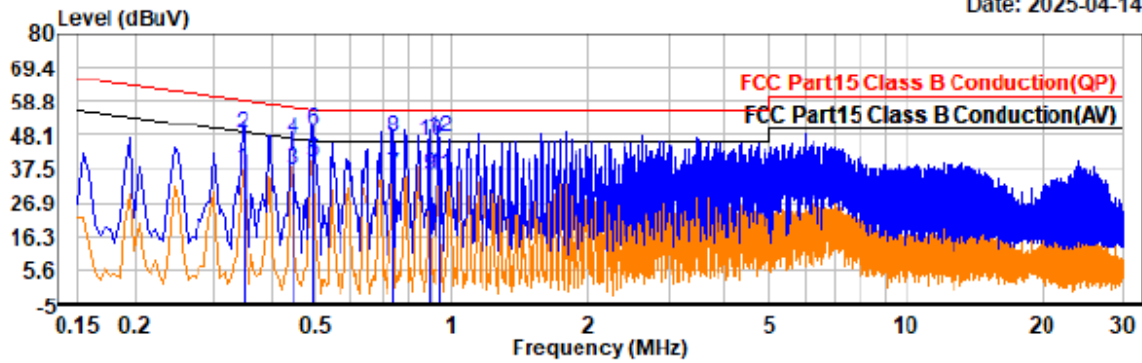
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.15	11.65	20.93	32.58	56.00	23.42	Line	Average
0.15	29.43	20.93	50.36	66.00	15.64	Line	QP
0.35	13.93	20.40	34.33	49.06	14.73	Line	Average
0.35	26.62	20.40	47.02	59.06	12.04	Line	QP
0.49	14.55	20.30	34.85	46.13	11.28	Line	Average
0.49	26.60	20.30	46.90	56.13	9.23	Line	QP
0.69	11.62	20.49	32.11	46.00	13.89	Line	Average
0.69	24.38	20.49	44.87	56.00	11.13	Line	QP
0.99	8.08	20.91	28.99	46.00	17.01	Line	Average
0.99	23.79	20.91	44.70	56.00	11.30	Line	QP
1.14	6.96	20.96	27.92	46.00	18.08	Line	Average
1.14	21.79	20.96	42.75	56.00	13.25	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-14



Trace: 1

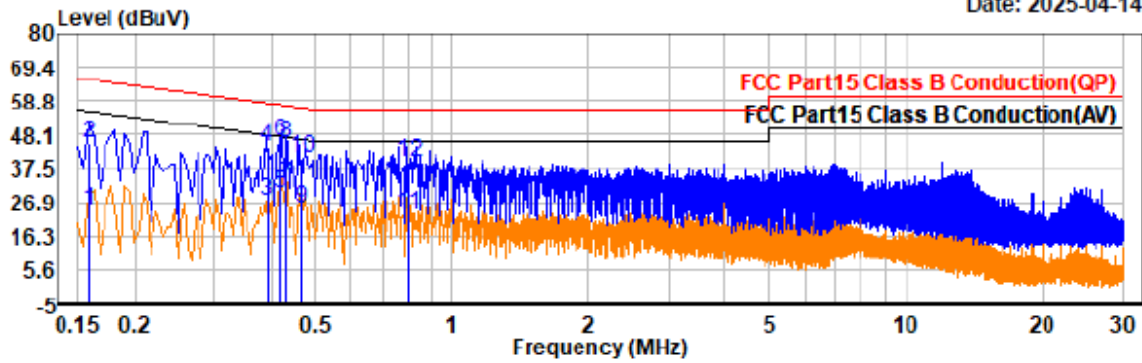
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.35	16.41	20.50	36.91	49.04	12.13	Neutral	Average
0.35	27.71	20.50	48.21	59.04	10.83	Neutral	QP
0.44	16.92	20.43	37.35	46.98	9.63	Neutral	Average
0.44	25.98	20.43	46.41	56.98	10.57	Neutral	QP
0.49	18.96	20.39	39.35	46.09	6.74	Neutral	Average
0.49	29.20	20.39	49.59	56.09	6.50	Neutral	QP
0.74	14.80	20.40	35.20	46.00	10.80	Neutral	Average
0.74	26.78	20.40	47.18	56.00	8.82	Neutral	QP
0.89	14.83	20.71	35.54	46.00	10.46	Neutral	Average
0.89	25.24	20.71	45.95	56.00	10.05	Neutral	QP
0.94	14.91	20.81	35.72	46.00	10.28	Neutral	Average
0.94	26.63	20.81	47.44	56.00	8.56	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-14



Trace: 1

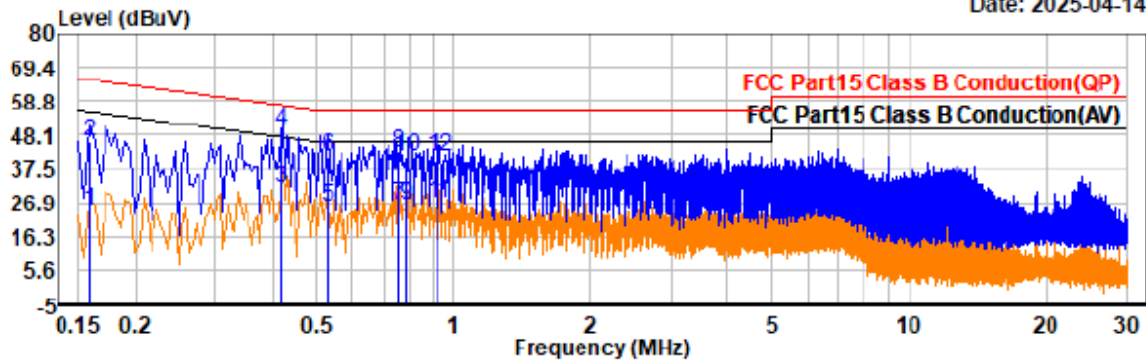
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	3.55	20.87	24.42	55.56	31.14	Line	Average
0.16	24.75	20.87	45.62	65.56	19.94	Line	QP
0.39	6.67	20.36	27.03	48.02	20.99	Line	Average
0.39	23.80	20.36	44.16	58.02	13.86	Line	QP
0.42	8.99	20.34	29.33	47.50	18.17	Line	Average
0.42	25.51	20.34	45.85	57.50	11.65	Line	QP
0.43	11.93	20.34	32.27	47.26	14.99	Line	Average
0.43	25.01	20.34	45.35	57.26	11.91	Line	QP
0.47	4.58	20.31	24.89	46.52	21.63	Line	Average
0.47	20.15	20.31	40.46	56.52	16.06	Line	QP
0.80	2.20	20.66	22.86	46.00	23.14	Line	Average
0.80	18.73	20.66	39.39	56.00	16.61	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: UV-98PLUS

Temp/Humi/ATM: 23.7°C/51%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-14



Trace: 1

Condition: IF B/W 9kHz PK/AV

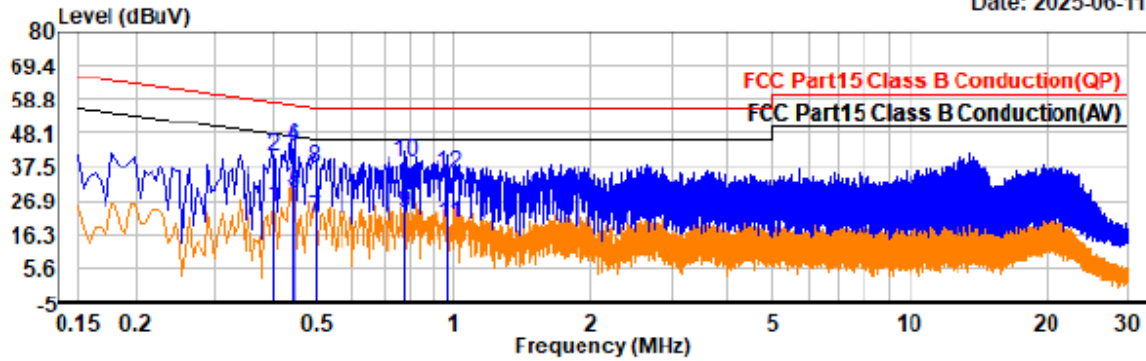
Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.16	3.60	20.72	24.32	55.55	31.23	Neutral	Average
0.16	25.41	20.72	46.13	65.55	19.42	Neutral	QP
0.42	11.13	20.44	31.57	47.48	15.91	Neutral	Average
0.42	29.27	20.44	49.71	57.48	7.77	Neutral	QP
0.53	5.18	20.37	25.55	46.00	20.45	Neutral	Average
0.53	20.94	20.37	41.31	56.00	14.69	Neutral	QP
0.76	5.35	20.44	25.79	46.00	20.21	Neutral	Average
0.76	22.15	20.44	42.59	56.00	13.41	Neutral	QP
0.79	5.63	20.51	26.14	46.00	19.86	Neutral	Average
0.79	20.71	20.51	41.22	56.00	14.78	Neutral	QP
0.93	5.63	20.79	26.42	46.00	19.58	Neutral	Average
0.93	20.43	20.79	41.22	56.00	14.78	Neutral	QP

Test Model: CP-998

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

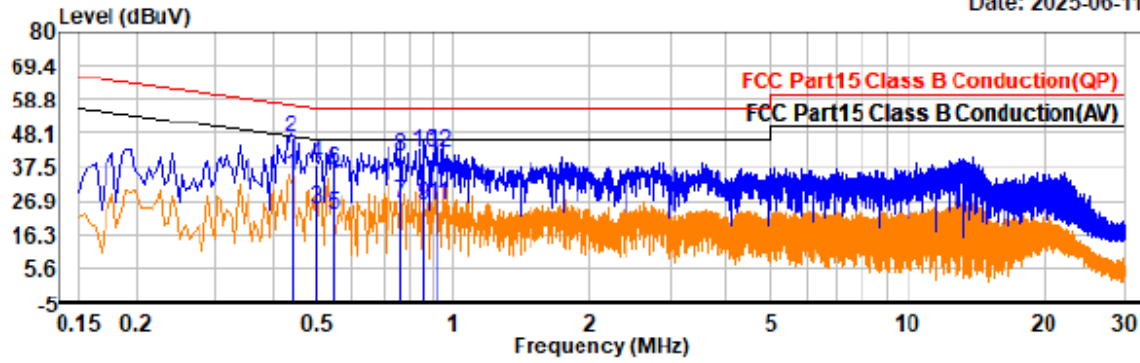
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.40	4.38	20.35	24.73	47.82	23.09	Line	Average
0.40	20.20	20.35	40.55	57.82	17.27	Line	QP
0.44	9.91	20.33	30.24	47.03	16.79	Line	Average
0.44	23.38	20.33	43.71	57.03	13.32	Line	QP
0.45	8.41	20.33	28.74	46.95	18.21	Line	Average
0.45	23.08	20.33	43.41	56.95	13.54	Line	QP
0.50	1.38	20.29	21.67	46.05	24.38	Line	Average
0.50	17.11	20.29	37.40	56.05	18.65	Line	QP
0.78	2.60	20.64	23.24	46.00	22.76	Line	Average
0.78	18.10	20.64	38.74	56.00	17.26	Line	QP
0.97	-1.02	20.89	19.87	46.00	26.13	Line	Average
0.97	14.30	20.89	35.19	56.00	20.81	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

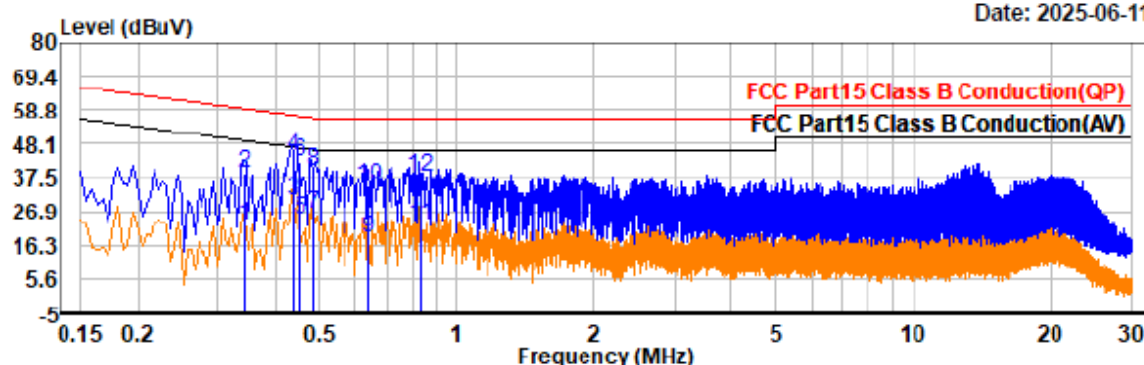
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.44	14.29	20.43	34.72	47.07	12.35	Neutral	Average
0.44	25.99	20.43	46.42	57.07	10.65	Neutral	QP
0.50	4.06	20.39	24.45	46.03	21.58	Neutral	Average
0.50	18.00	20.39	38.39	56.03	17.64	Neutral	QP
0.54	2.00	20.37	22.37	46.00	23.63	Neutral	Average
0.54	16.24	20.37	36.61	56.00	19.39	Neutral	QP
0.76	5.60	20.45	26.05	46.00	19.95	Neutral	Average
0.76	20.14	20.45	40.59	56.00	15.41	Neutral	QP
0.86	4.64	20.66	25.30	46.00	20.70	Neutral	Average
0.86	21.48	20.66	42.14	56.00	13.86	Neutral	QP
0.92	4.58	20.79	25.37	46.00	20.63	Neutral	Average
0.92	20.89	20.79	41.68	56.00	14.32	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

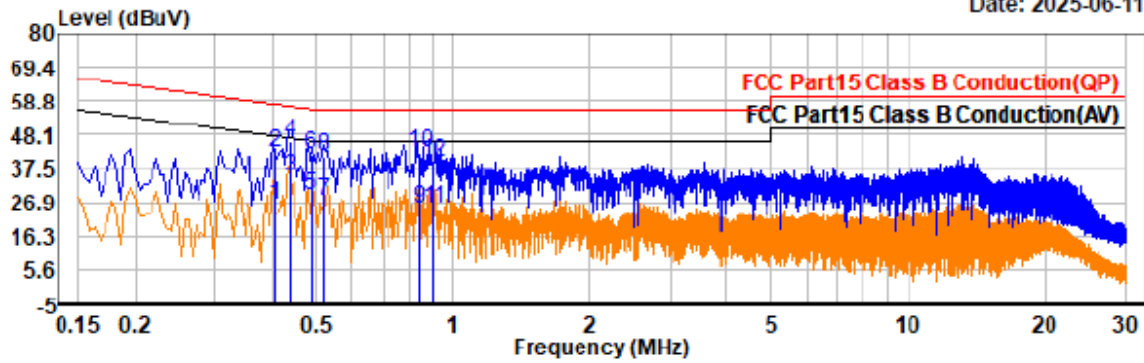
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.34	1.92	20.40	22.32	49.15	26.83	Line	Average
0.34	18.29	20.40	38.69	59.15	20.46	Line	QP
0.44	9.82	20.33	30.15	47.13	16.98	Line	Average
0.44	23.75	20.33	44.08	57.13	13.05	Line	QP
0.45	3.85	20.32	24.17	46.82	22.65	Line	Average
0.45	22.10	20.32	42.42	56.82	14.40	Line	QP
0.49	5.88	20.30	26.18	46.21	20.03	Line	Average
0.49	19.35	20.30	39.65	56.21	16.56	Line	QP
0.64	-1.90	20.45	18.55	46.00	27.45	Line	Average
0.64	14.35	20.45	34.80	56.00	21.20	Line	QP
0.83	1.67	20.70	22.37	46.00	23.63	Line	Average
0.83	17.15	20.70	37.85	56.00	18.15	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

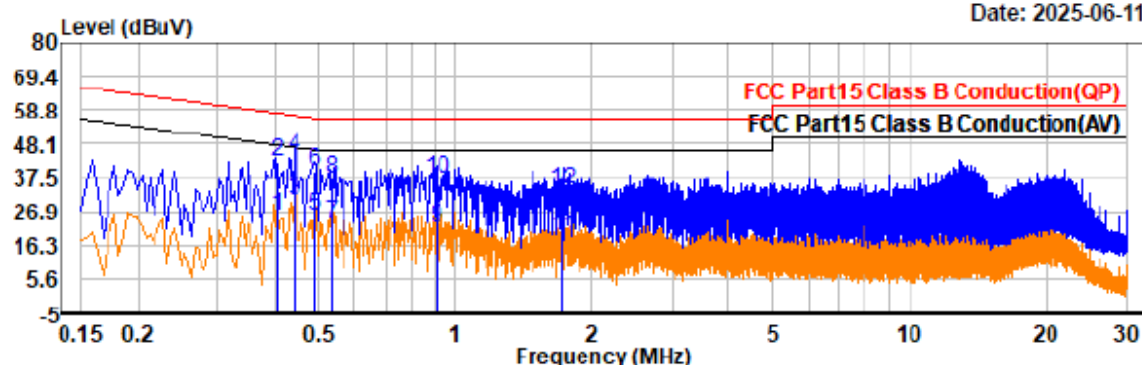
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	5.37	20.45	25.82	47.73	21.91	Neutral	Average
0.41	21.91	20.45	42.36	57.73	15.37	Neutral	QP
0.44	14.24	20.43	34.67	47.14	12.47	Neutral	Average
0.44	25.47	20.43	45.90	57.14	11.24	Neutral	QP
0.49	8.54	20.40	28.94	46.21	17.27	Neutral	Average
0.49	21.51	20.40	41.91	56.21	14.30	Neutral	QP
0.52	6.79	20.38	27.17	46.00	18.83	Neutral	Average
0.52	20.76	20.38	41.14	56.00	14.86	Neutral	QP
0.84	4.04	20.62	24.66	46.00	21.34	Neutral	Average
0.84	21.94	20.62	42.56	56.00	13.44	Neutral	QP
0.90	3.93	20.74	24.67	46.00	21.33	Neutral	Average
0.90	18.78	20.74	39.52	56.00	16.48	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

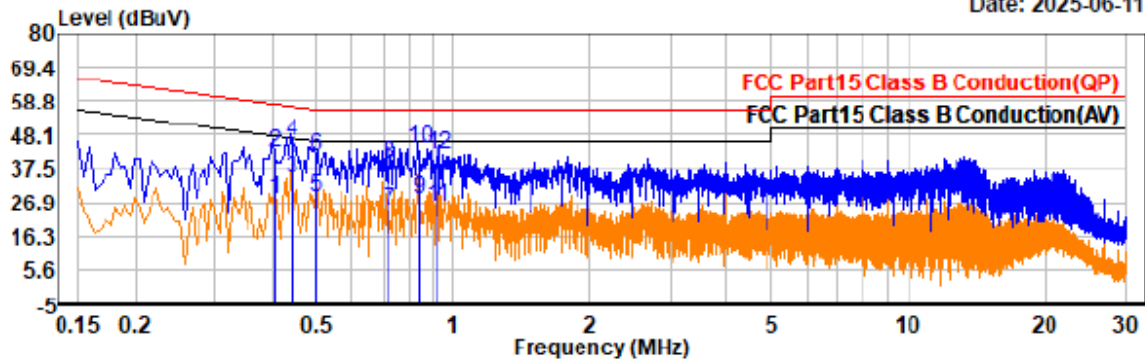
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	5.11	20.35	25.46	47.73	22.27	Line	Average
0.41	22.37	20.35	42.72	57.73	15.01	Line	QP
0.44	10.07	20.33	30.40	47.05	16.65	Line	Average
0.44	24.02	20.33	44.35	57.05	12.70	Line	QP
0.49	5.30	20.30	25.60	46.19	20.59	Line	Average
0.49	18.97	20.30	39.27	56.19	16.92	Line	QP
0.53	2.54	20.33	22.87	46.00	23.13	Line	Average
0.53	16.68	20.33	37.01	56.00	18.99	Line	QP
0.91	1.07	20.80	21.87	46.00	24.13	Line	Average
0.91	16.46	20.80	37.26	56.00	18.74	Line	QP
1.72	-1.77	21.09	19.32	46.00	26.68	Line	Average
1.72	12.54	21.09	33.63	56.00	22.37	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

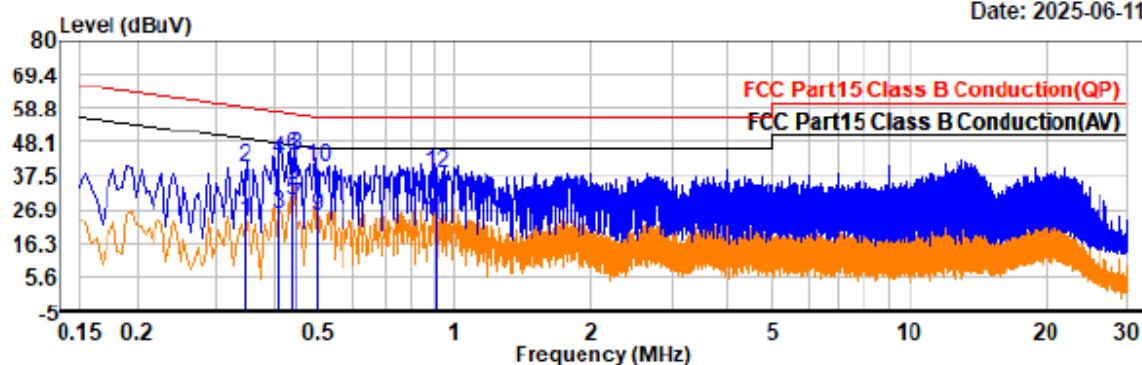
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	7.60	20.45	28.05	47.74	19.69	Neutral	Average
0.41	22.11	20.45	42.56	57.74	15.18	Neutral	QP
0.44	13.90	20.43	34.33	47.04	12.71	Neutral	Average
0.44	25.64	20.43	46.07	57.04	10.97	Neutral	QP
0.50	7.92	20.39	28.31	46.03	17.72	Neutral	Average
0.50	21.07	20.39	41.46	56.03	14.57	Neutral	QP
0.73	3.81	20.36	24.17	46.00	21.83	Neutral	Average
0.73	18.77	20.36	39.13	56.00	16.87	Neutral	QP
0.84	7.24	20.62	27.86	46.00	18.14	Neutral	Average
0.84	23.10	20.62	43.72	56.00	12.28	Neutral	QP
0.93	4.90	20.79	25.69	46.00	20.31	Neutral	Average
0.93	21.29	20.79	42.08	56.00	13.92	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

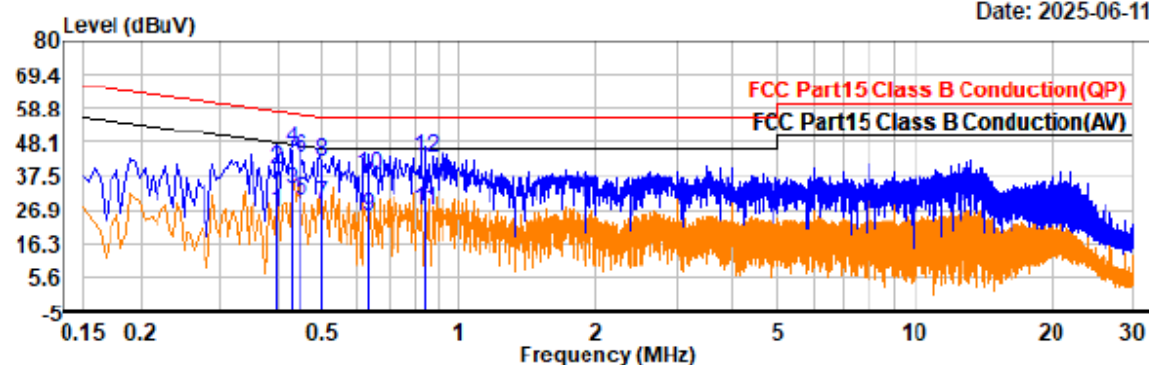
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.34	3.01	20.40	23.41	49.09	25.68	Line	Average
0.34	19.61	20.40	40.01	59.09	19.08	Line	QP
0.41	5.11	20.35	25.46	47.68	22.22	Line	Average
0.41	22.04	20.35	42.39	57.68	15.29	Line	QP
0.44	9.25	20.33	29.58	47.11	17.53	Line	Average
0.44	23.37	20.33	43.70	57.11	13.41	Line	QP
0.45	7.31	20.32	27.63	46.87	19.24	Line	Average
0.45	23.24	20.32	43.56	56.87	13.31	Line	QP
0.50	4.68	20.29	24.97	46.02	21.05	Line	Average
0.50	20.12	20.29	40.41	56.02	15.61	Line	QP
0.90	2.46	20.80	23.26	46.00	22.74	Line	Average
0.90	17.79	20.80	38.59	56.00	17.41	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: CP-998

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

Condition: IF B/W 9kHz PK/AV

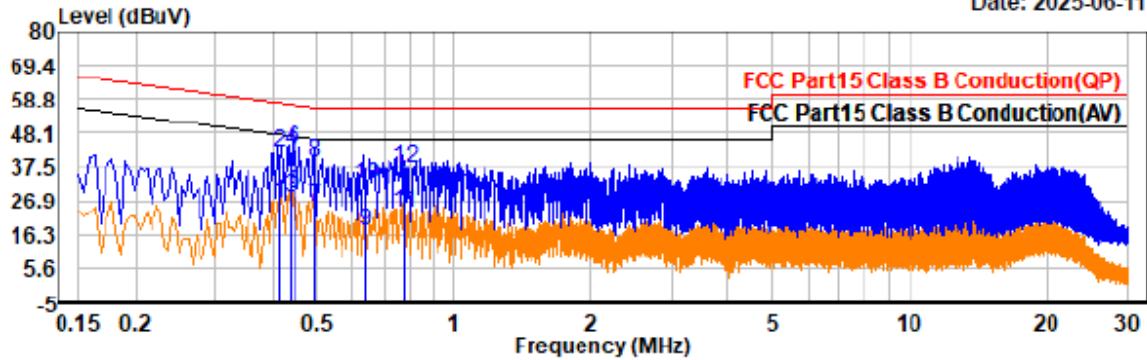
Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.40	5.75	20.46	26.21	47.92	21.71	Neutral	Average
0.40	19.35	20.46	39.81	57.92	18.11	Neutral	QP
0.43	12.68	20.44	33.12	47.27	14.15	Neutral	Average
0.43	25.60	20.44	46.04	57.27	11.23	Neutral	QP
0.45	9.40	20.42	29.82	46.86	17.04	Neutral	Average
0.45	22.75	20.42	43.17	56.86	13.69	Neutral	QP
0.50	8.12	20.39	28.51	46.04	17.53	Neutral	Average
0.50	21.31	20.39	41.70	56.04	14.34	Neutral	QP
0.63	4.79	20.33	25.12	46.00	20.88	Neutral	Average
0.63	17.51	20.33	37.84	56.00	18.16	Neutral	QP
0.84	6.29	20.62	26.91	46.00	19.09	Neutral	Average
0.84	22.47	20.62	43.09	56.00	12.91	Neutral	QP

Test Model: CP-998Plus

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

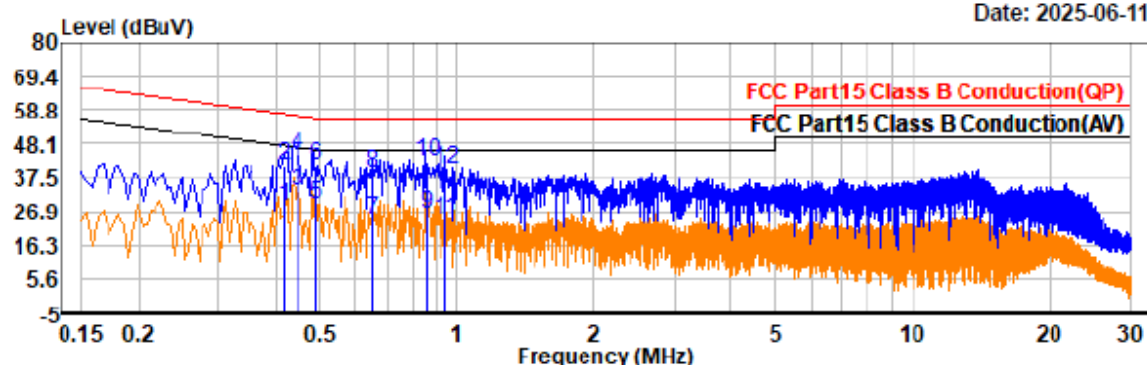
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	5.64	20.34	25.98	47.58	21.60	Line	Average
0.41	21.72	20.34	42.06	57.58	15.52	Line	QP
0.44	7.44	20.33	27.77	47.12	19.35	Line	Average
0.44	21.92	20.33	42.25	57.12	14.87	Line	QP
0.45	8.61	20.33	28.94	46.93	17.99	Line	Average
0.45	22.52	20.33	42.85	56.93	14.08	Line	QP
0.50	4.57	20.29	24.86	46.08	21.22	Line	Average
0.50	18.90	20.29	39.19	56.08	16.89	Line	QP
0.64	-3.09	20.45	17.36	46.00	28.64	Line	Average
0.64	11.58	20.45	32.03	56.00	23.97	Line	QP
0.78	2.36	20.63	22.99	46.00	23.01	Line	Average
0.78	16.79	20.63	37.42	56.00	18.58	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

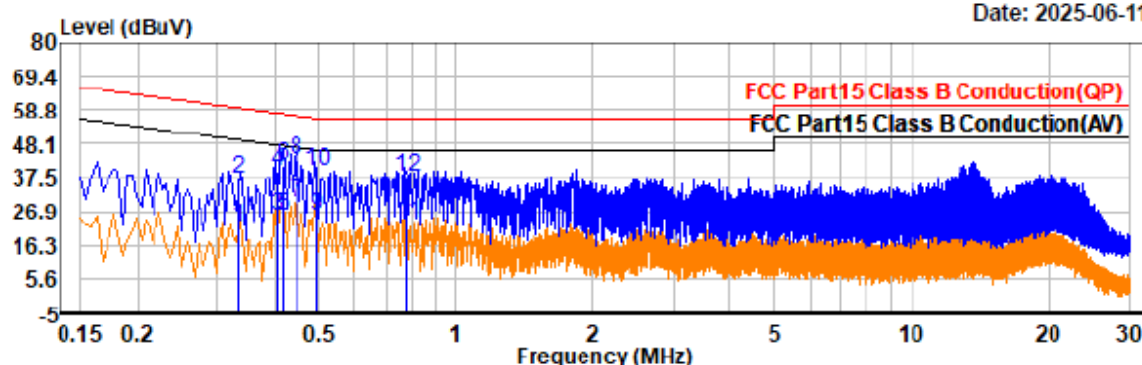
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.42	7.75	20.44	28.19	47.52	19.33	Neutral	Average
0.42	21.01	20.44	41.45	57.52	16.07	Neutral	QP
0.44	12.78	20.43	33.21	46.98	13.77	Neutral	Average
0.44	24.39	20.43	44.82	56.98	12.16	Neutral	QP
0.49	8.82	20.40	29.22	46.17	16.95	Neutral	Average
0.49	20.75	20.40	41.15	56.17	15.02	Neutral	QP
0.65	3.86	20.32	24.18	46.00	21.82	Neutral	Average
0.65	18.40	20.32	38.72	56.00	17.28	Neutral	QP
0.86	5.35	20.65	26.00	46.00	20.00	Neutral	Average
0.86	21.70	20.65	42.35	56.00	13.65	Neutral	QP
0.94	3.28	20.82	24.10	46.00	21.90	Neutral	Average
0.94	19.32	20.82	40.14	56.00	15.86	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

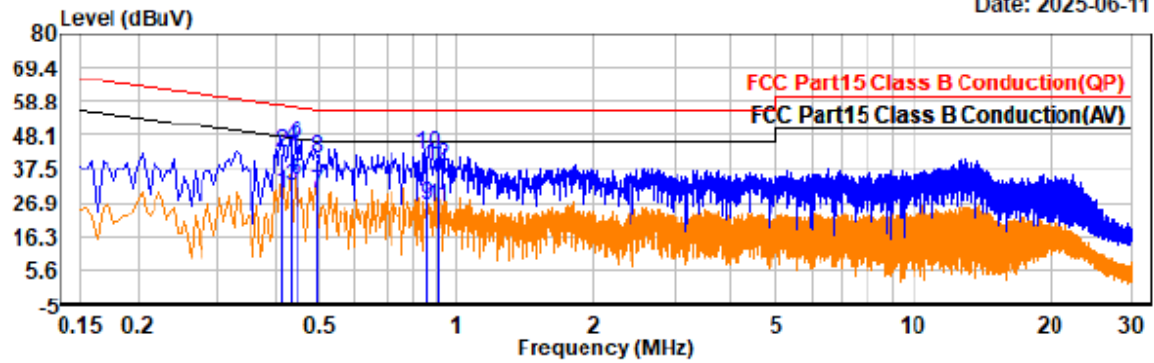
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.33	1.34	20.41	21.75	49.41	27.66	Line	Average
0.33	16.83	20.41	37.24	59.41	22.17	Line	QP
0.41	5.25	20.35	25.60	47.74	22.14	Line	Average
0.41	19.30	20.35	39.65	57.74	18.09	Line	QP
0.42	5.17	20.34	25.51	47.50	21.99	Line	Average
0.42	20.79	20.34	41.13	57.50	16.37	Line	QP
0.44	9.09	20.33	29.42	46.97	17.55	Line	Average
0.44	22.96	20.33	43.29	56.97	13.68	Line	QP
0.50	5.06	20.29	25.35	46.07	20.72	Line	Average
0.50	19.31	20.29	39.60	56.07	16.47	Line	QP
0.78	2.22	20.63	22.85	46.00	23.15	Line	Average
0.78	16.89	20.63	37.52	56.00	18.48	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

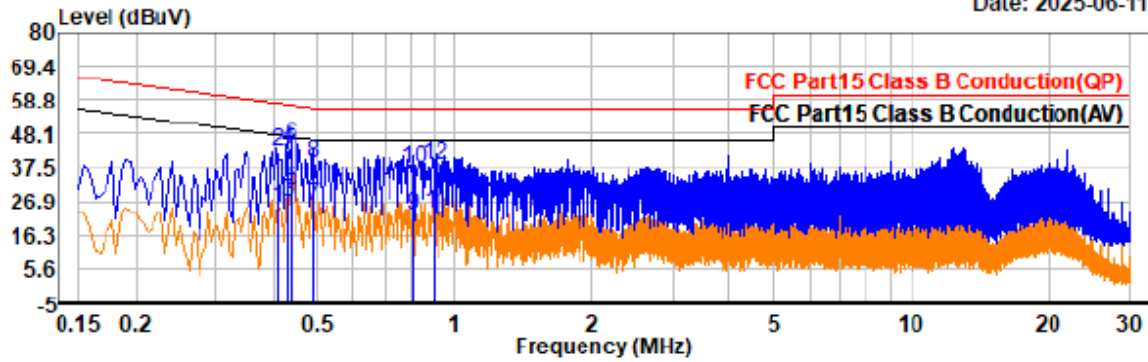
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	8.93	20.44	29.37	47.61	18.24	Neutral	Average
0.41	22.17	20.44	42.61	57.61	15.00	Neutral	QP
0.43	11.29	20.44	31.73	47.21	15.48	Neutral	Average
0.43	24.07	20.44	44.51	57.21	12.70	Neutral	QP
0.44	13.48	20.43	33.91	46.98	13.07	Neutral	Average
0.44	25.15	20.43	45.58	56.98	11.40	Neutral	QP
0.49	8.96	20.39	29.35	46.11	16.76	Neutral	Average
0.49	20.18	20.39	40.57	56.11	15.54	Neutral	QP
0.86	5.29	20.65	25.94	46.00	20.06	Neutral	Average
0.86	21.02	20.65	41.67	56.00	14.33	Neutral	QP
0.90	4.70	20.74	25.44	46.00	20.56	Neutral	Average
0.90	17.57	20.74	38.31	56.00	17.69	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

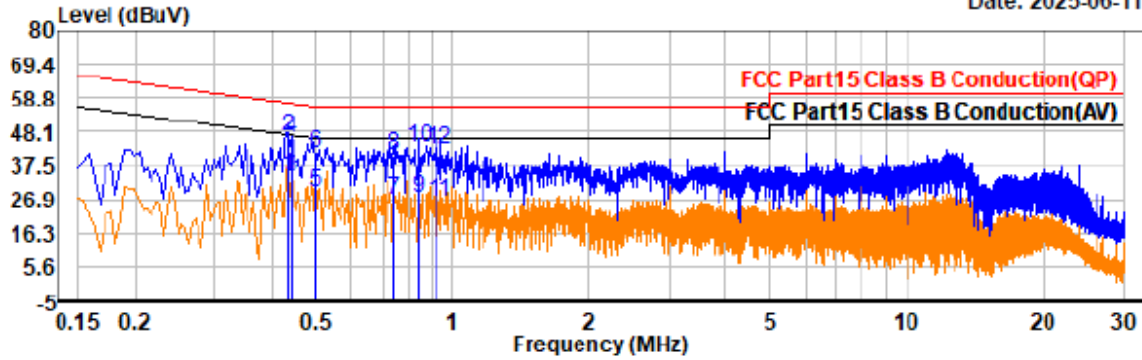
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.41	4.68	20.35	25.03	47.68	22.65	Line	Average
0.41	21.98	20.35	42.33	57.68	15.35	Line	QP
0.43	6.39	20.34	26.73	47.24	20.51	Line	Average
0.43	22.67	20.34	43.01	57.24	14.23	Line	QP
0.44	9.76	20.33	30.09	47.08	16.99	Line	Average
0.44	23.66	20.33	43.99	57.08	13.09	Line	QP
0.49	5.10	20.30	25.40	46.19	20.79	Line	Average
0.49	18.85	20.30	39.15	56.19	17.04	Line	QP
0.81	1.87	20.67	22.54	46.00	23.46	Line	Average
0.81	16.67	20.67	37.34	56.00	18.66	Line	QP
0.90	2.21	20.80	23.01	46.00	22.99	Line	Average
0.90	17.55	20.80	38.35	56.00	17.65	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

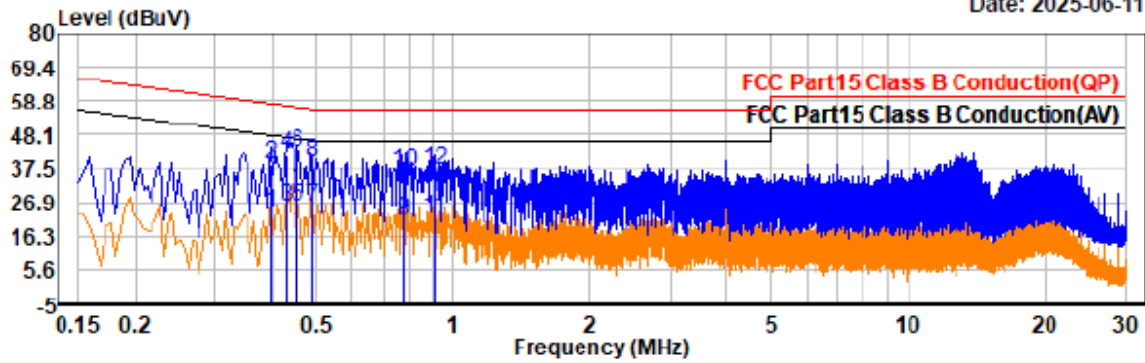
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.43	13.93	20.44	34.37	47.22	12.85	Neutral	Average
0.43	26.17	20.44	46.61	57.22	10.61	Neutral	QP
0.44	13.51	20.43	33.94	47.03	13.09	Neutral	Average
0.44	25.47	20.43	45.90	57.03	11.13	Neutral	QP
0.50	8.44	20.39	28.83	46.01	17.18	Neutral	Average
0.50	20.74	20.39	41.13	56.01	14.88	Neutral	QP
0.75	6.17	20.41	26.58	46.00	19.42	Neutral	Average
0.75	20.59	20.41	41.00	56.00	15.00	Neutral	QP
0.84	6.52	20.62	27.14	46.00	18.86	Neutral	Average
0.84	22.55	20.62	43.17	56.00	12.83	Neutral	QP
0.93	5.02	20.79	25.81	46.00	20.19	Neutral	Average
0.93	21.60	20.79	42.39	56.00	13.61	Neutral	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

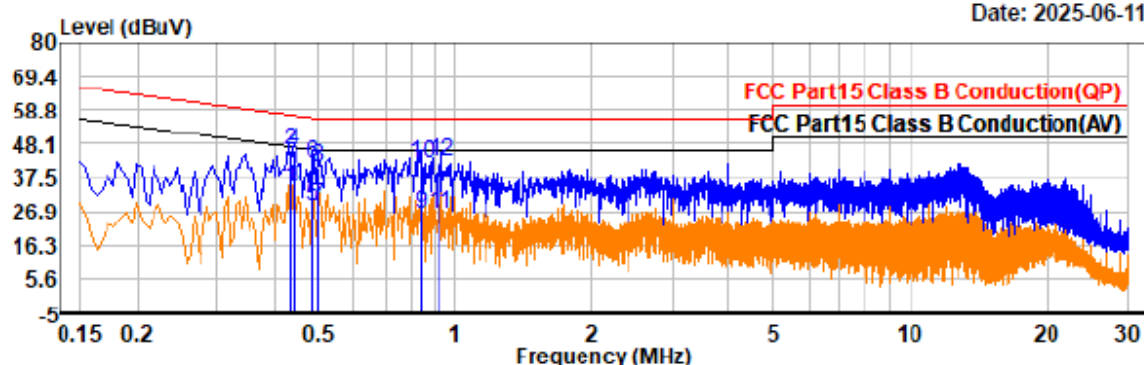
Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.40	3.42	20.35	23.77	47.86	24.09	Line	Average
0.40	18.50	20.35	38.85	57.86	19.01	Line	QP
0.43	5.07	20.34	25.41	47.26	21.85	Line	Average
0.43	21.85	20.34	42.19	57.26	15.07	Line	QP
0.45	5.15	20.32	25.47	46.81	21.34	Line	Average
0.45	22.28	20.32	42.60	56.81	14.21	Line	QP
0.49	5.32	20.30	25.62	46.18	20.56	Line	Average
0.49	18.99	20.30	39.29	56.18	16.89	Line	QP
0.78	0.99	20.64	21.63	46.00	24.37	Line	Average
0.78	16.16	20.64	36.80	56.00	19.20	Line	QP
0.91	1.00	20.80	21.80	46.00	24.20	Line	Average
0.91	16.35	20.80	37.15	56.00	18.85	Line	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: CP-998Plus

Temp/Humi/ATM: 22.9°C/59%/99.9kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-11



Trace: 1

Condition: IF B/W 9kHz PK/AV

Freq MHz	Reading dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dB	Phase	Remark
0.43	13.60	20.44	34.04	47.20	13.16	Neutral	Average
0.43	25.54	20.44	45.98	57.20	11.22	Neutral	QP
0.44	14.11	20.43	34.54	47.06	12.52	Neutral	Average
0.44	25.84	20.43	46.27	57.06	10.79	Neutral	QP
0.49	8.21	20.40	28.61	46.21	17.60	Neutral	Average
0.49	21.57	20.40	41.97	56.21	14.24	Neutral	QP
0.50	7.97	20.39	28.36	46.00	17.64	Neutral	Average
0.50	20.41	20.39	40.80	56.00	15.20	Neutral	QP
0.84	5.54	20.62	26.16	46.00	19.84	Neutral	Average
0.84	21.40	20.62	42.02	56.00	13.98	Neutral	QP
0.93	5.13	20.79	25.92	46.00	20.08	Neutral	Average
0.93	21.50	20.79	42.29	56.00	13.71	Neutral	QP

FCC §15.109 - RADIATED EMISSION IN FREQUENCY

Applicable Standard

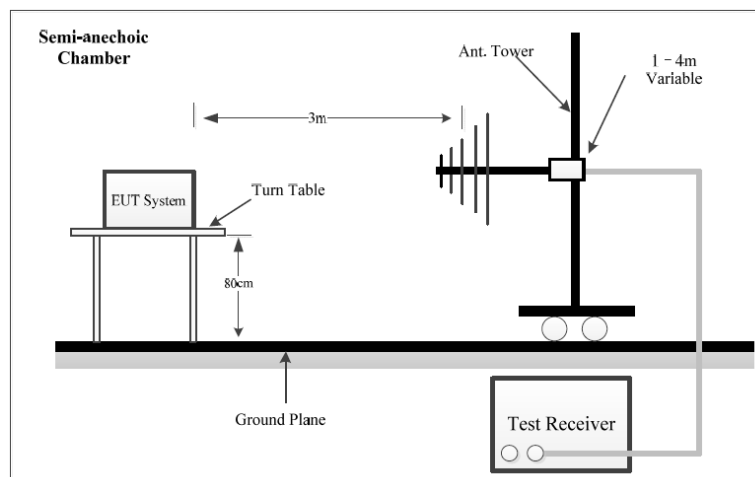
FCC§15.109

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

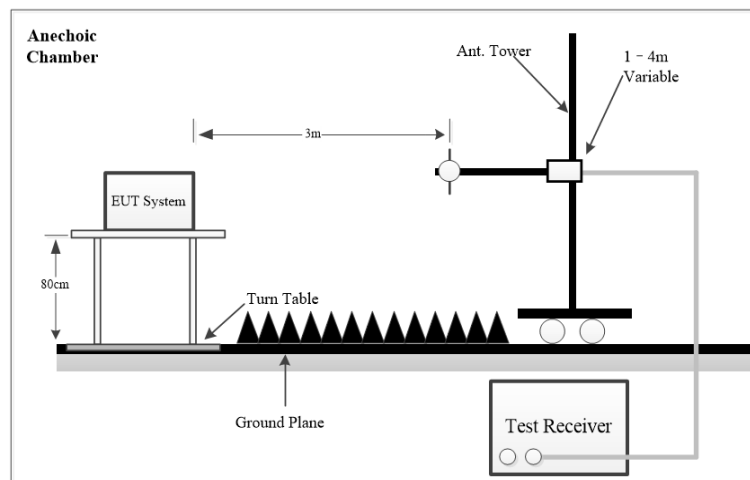
Frequency of emission (MHz)	Field strength (microvolts/meter)
30–88	100
88–216	150
216–960	200
Above 960	500

Test System Setup

Below 1 GHz:



Above 1 GHz:



The radiated emission tests were performed in the 3 meters chamber test site, using the setup accordance with the ANSI C63.4-2014. The specification used was the FCC Part 15.109 Class B limits.

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 system was investigated from 30 MHz to 5 GHz.

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

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

Test Procedure

The frequency and amplitude of the six highest ac power-line conducted emissions relative to the limit, measured over all the current-carrying conductors of the EUT power cords, and the operating frequency or frequency to which the EUT is tuned (if appropriate), should be reported, unless such emissions are more than 20 dB below the limit. AC power-line conducted emissions measurements are to be separately carried out only on each of the phase (“hot”) line(s) and (if used) on the neutral line(s), but not on the ground [protective earth] line(s). If less than six emission frequencies are within 20 dB of the limit, then the noise level of the measuring instrument at representative frequencies should be reported. The specific conductor of the power-line cord for each of the reported emissions should be identified. Measure the six highest emissions with respect to the limit on each current-carrying conductor of each power cord associated with the EUT (but not the power cords of associated or peripheral equipment that are part of the test configuration). Then, report the six highest emissions with respect to the limit from among all the measurements identifying the frequency and specific current carrying conductor identified with the emission. The six highest emissions should be reported for each of the current-carrying conductors, or the six highest emissions may be reported over all the current-carrying conductors.

Result & Margin Calculation

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

Factor (dB/m) = Antenna Factor (dB/m) + Cable Loss (dB) - Amplifier Gain (dB)

Result (dBμV/m) = Reading (dBμV) + Factor (dB/m)

The “**Margin**” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of 7dB means the emission is 7dB below the limit. The equation for margin calculation is as follows:

Margin (dB) = Limit (dBμV/m) – Result (dBμV/m)

Test Data

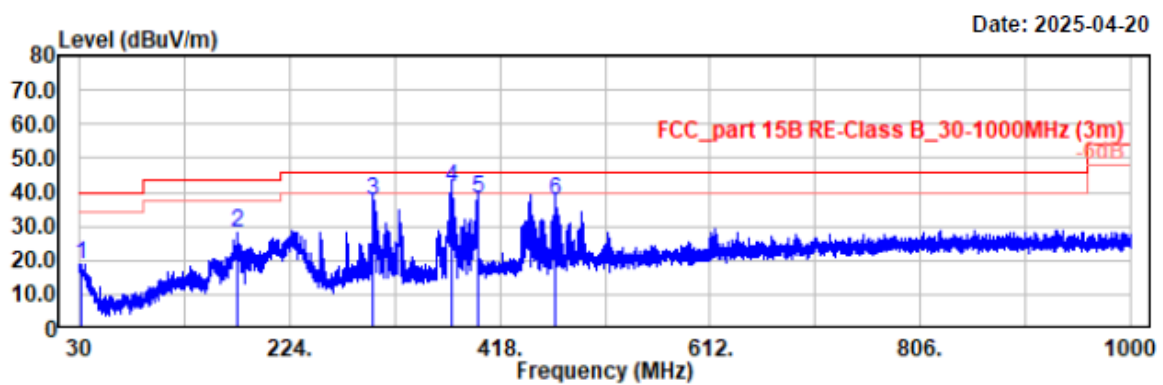
Please refer to below plots:

1) 30MHz-1GHz:

Test Model: UV-98PLUS

Project No.: 2507S12882E-EM
Test Mode: Mode 1(108-136MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)



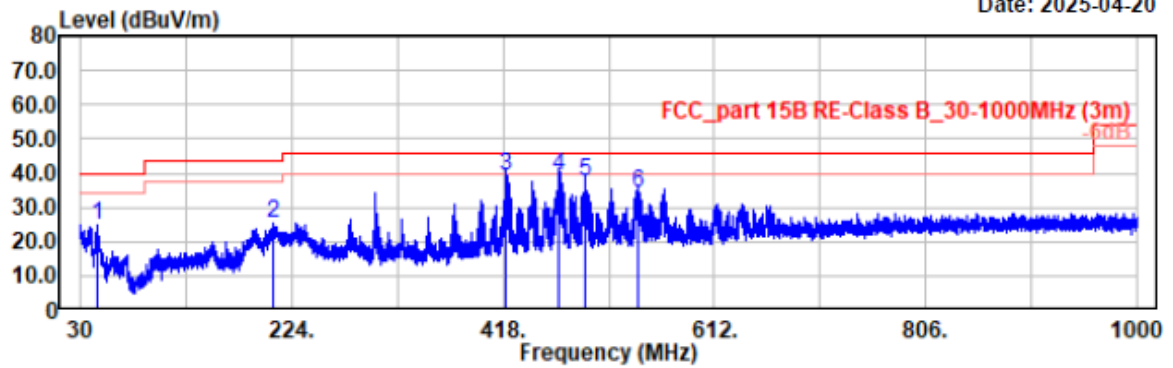
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.07	24.73	-5.89	18.84	40.00	21.16	Horizontal	Peak
175.99	40.07	-12.11	27.96	43.50	15.54	Horizontal	Peak
300.63	46.66	-9.17	37.49	46.00	8.51	Horizontal	QP
373.09	48.57	-7.30	41.27	46.00	4.73	Horizontal	QP
397.15	44.52	-6.52	38.00	46.00	8.00	Horizontal	QP
469.60	41.58	-4.21	37.37	46.00	8.63	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 1(108-136MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-20



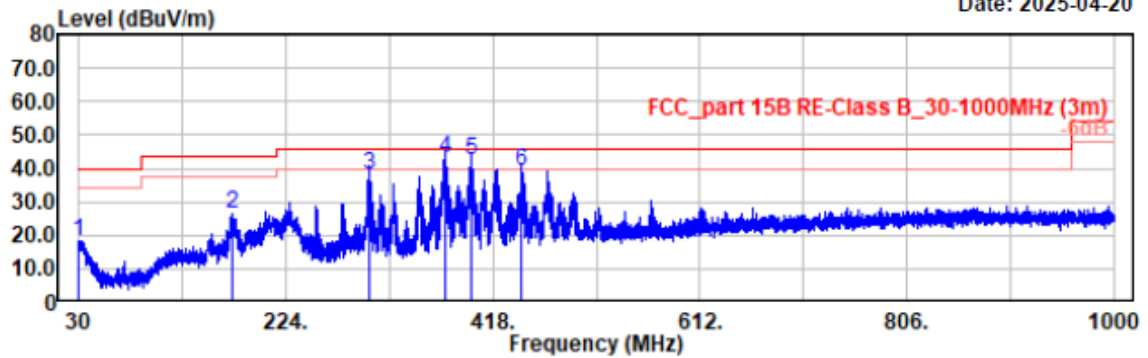
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.23	40.09	-15.32	24.77	40.00	15.23	Vertical	Peak
207.41	37.82	-12.34	25.48	43.50	18.02	Vertical	Peak
421.20	44.98	-5.60	39.38	46.00	6.62	Vertical	QP
469.41	43.41	-4.21	39.20	46.00	6.80	Vertical	QP
493.08	40.94	-3.58	37.36	46.00	8.64	Vertical	QP
541.58	37.41	-2.99	34.42	46.00	11.58	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-20



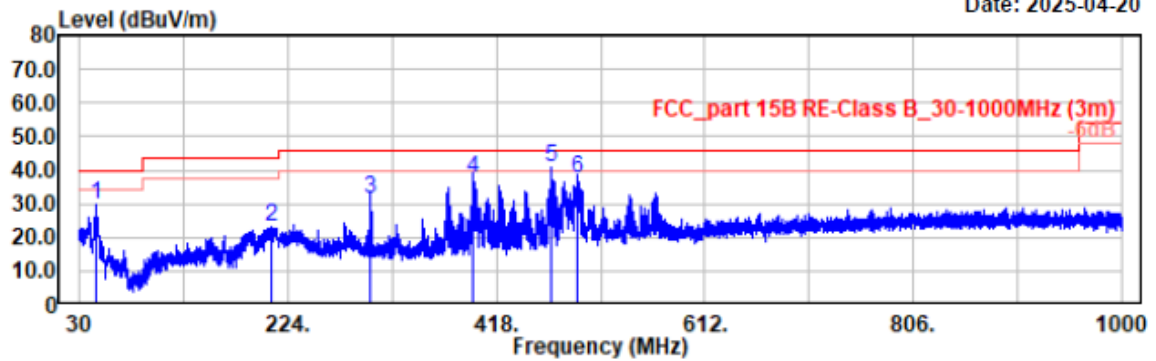
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	24.10	-5.70	18.40	40.00	21.60	Horizontal	Peak
173.37	38.36	-12.01	26.35	43.50	17.15	Horizontal	Peak
301.60	47.15	-9.16	37.99	46.00	8.01	Horizontal	QP
372.99	50.23	-7.30	42.93	46.00	3.07	Horizontal	QP
397.53	48.74	-6.50	42.24	46.00	3.76	Horizontal	QP
445.26	43.84	-4.94	38.90	46.00	7.10	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-20



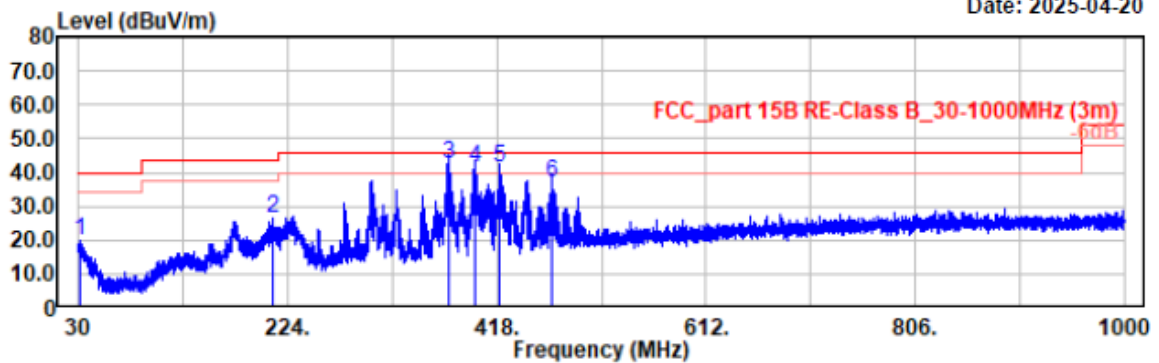
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.33	44.91	-15.38	29.53	40.00	10.47	Vertical	Peak
207.80	35.59	-12.38	23.21	43.50	20.29	Vertical	Peak
300.73	40.75	-9.17	31.58	46.00	14.42	Vertical	QP
396.76	44.13	-6.54	37.59	46.00	8.41	Vertical	QP
469.34	45.06	-4.21	40.85	46.00	5.15	Vertical	QP
492.79	41.27	-3.58	37.69	46.00	8.31	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 1(220-260MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-20



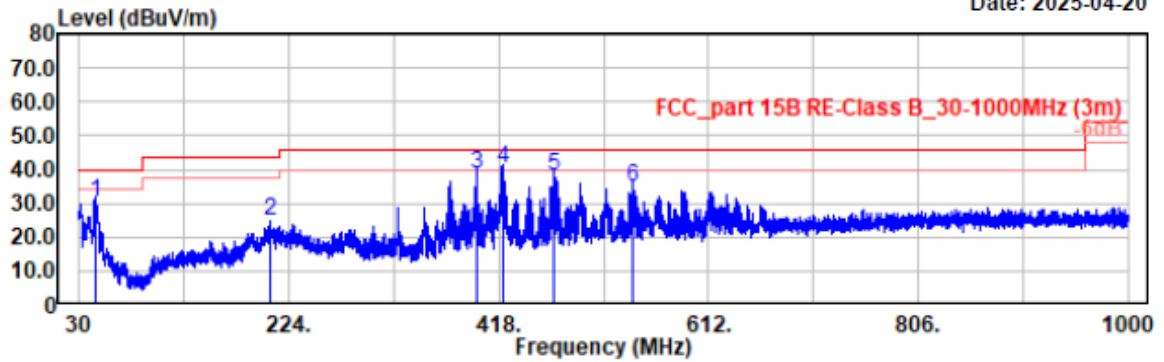
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.68	25.44	-5.77	19.67	40.00	20.33	Horizontal	Peak
210.13	38.91	-12.63	26.28	43.50	17.22	Horizontal	Peak
373.19	49.73	-7.30	42.43	46.00	3.57	Horizontal	QP
397.24	47.80	-6.52	41.28	46.00	4.72	Horizontal	QP
420.62	46.73	-5.62	41.11	46.00	4.89	Horizontal	QP
469.60	41.34	-4.21	37.13	46.00	8.87	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(220-260MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-20



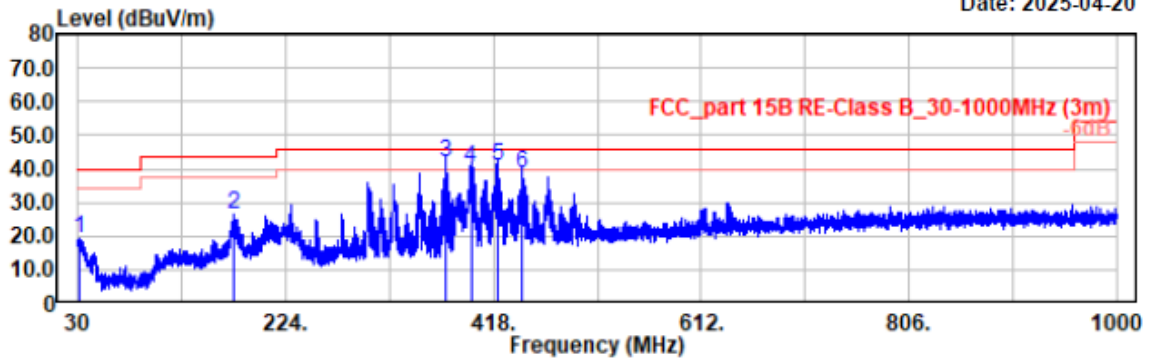
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.23	45.84	-15.32	30.52	40.00	9.48	Vertical	QP
207.41	36.97	-12.34	24.63	43.50	18.87	Vertical	Peak
397.53	44.94	-6.50	38.44	46.00	7.56	Vertical	QP
421.49	45.63	-5.59	40.04	46.00	5.96	Vertical	QP
469.41	42.32	-4.21	38.11	46.00	7.89	Vertical	QP
541.58	37.86	-2.99	34.87	46.00	11.13	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(350-390MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-20



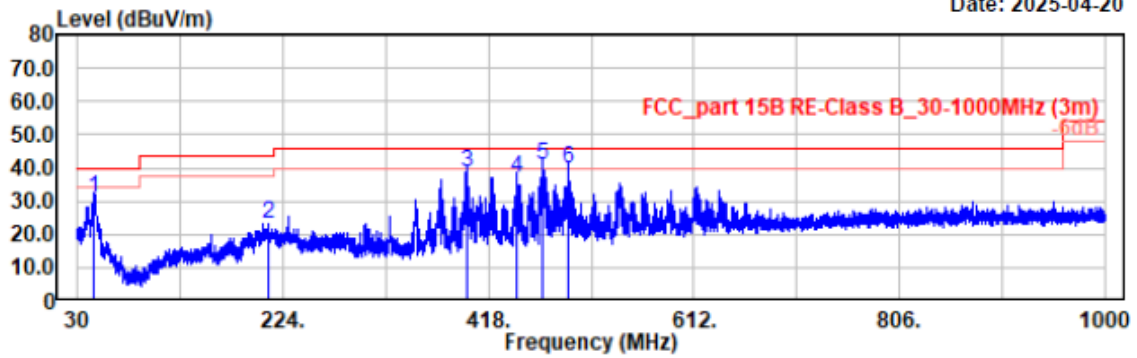
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.84	25.70	-6.32	19.38	40.00	20.62	Horizontal	Peak
175.79	38.75	-12.11	26.64	43.50	16.86	Horizontal	Peak
373.38	49.26	-7.29	41.97	46.00	4.03	Horizontal	QP
396.95	46.71	-6.53	40.18	46.00	5.82	Horizontal	QP
421.40	46.36	-5.59	40.77	46.00	5.23	Horizontal	QP
445.26	43.82	-4.94	38.88	46.00	7.12	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 1(350-390MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-20



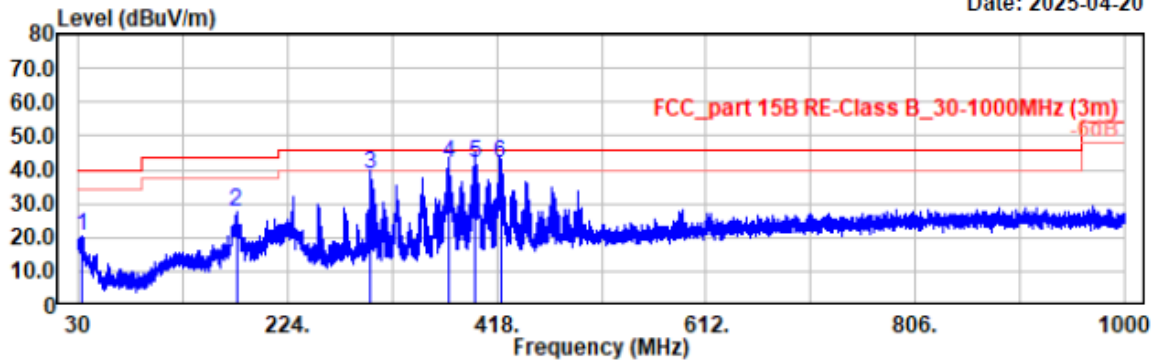
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.23	45.95	-15.32	30.63	40.00	9.37	Vertical	QP
209.84	35.73	-12.61	23.12	43.50	20.38	Vertical	Peak
397.44	44.98	-6.51	38.47	46.00	7.53	Vertical	QP
445.35	41.78	-4.94	36.84	46.00	9.16	Vertical	QP
469.41	45.14	-4.21	40.93	46.00	5.07	Vertical	QP
493.47	43.15	-3.57	39.58	46.00	6.42	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-20



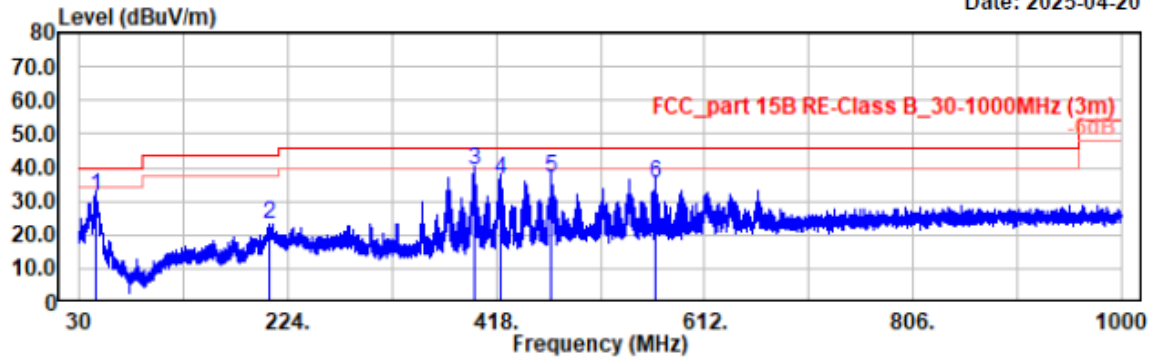
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
33.98	27.67	-7.49	20.18	40.00	19.82	Horizontal	Peak
176.47	39.79	-12.15	27.64	43.50	15.86	Horizontal	Peak
300.92	47.80	-9.17	38.63	46.00	7.37	Horizontal	QP
373.19	48.98	-7.30	41.68	46.00	4.32	Horizontal	QP
397.46	48.64	-6.51	42.13	46.00	3.87	Horizontal	QP
421.25	47.35	-5.60	41.75	46.00	4.25	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(400-520MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-20

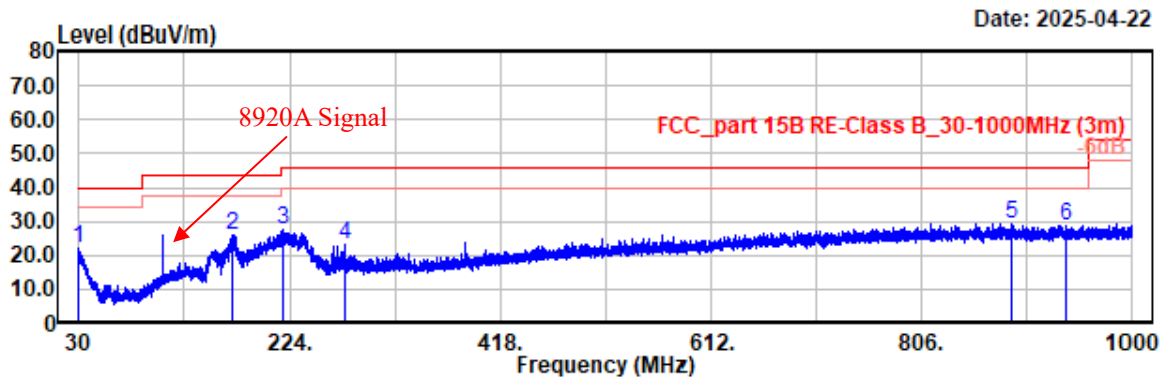


Condition: PK RBW:100kHz VBW:300kHz SwT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.33	46.90	-15.38	31.52	40.00	8.48	Vertical	QP
207.03	35.29	-12.29	23.00	43.50	20.50	Vertical	Peak
397.05	45.57	-6.53	39.04	46.00	6.96	Vertical	QP
421.40	42.24	-5.59	36.65	46.00	9.35	Vertical	QP
469.51	41.17	-4.21	36.96	46.00	9.04	Vertical	QP
566.02	37.51	-2.46	35.05	46.00	10.95	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 2(108.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)



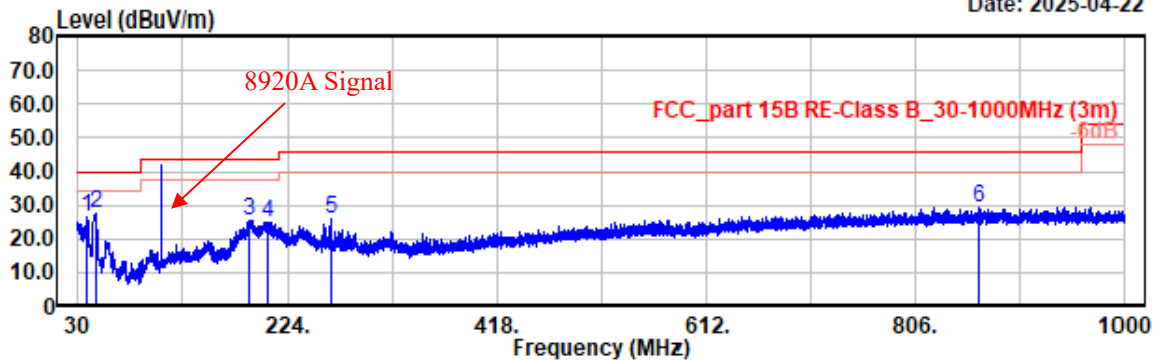
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.49	27.64	-5.73	21.91	40.00	18.09	Horizontal	Peak
171.33	38.08	-11.94	26.14	43.50	17.36	Horizontal	Peak
216.43	40.01	-12.68	27.33	46.00	18.67	Horizontal	Peak
273.96	32.89	-9.67	23.22	46.00	22.78	Horizontal	Peak
888.55	26.93	2.47	29.40	46.00	16.60	Horizontal	Peak
939.76	25.81	3.00	28.81	46.00	17.19	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(108.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



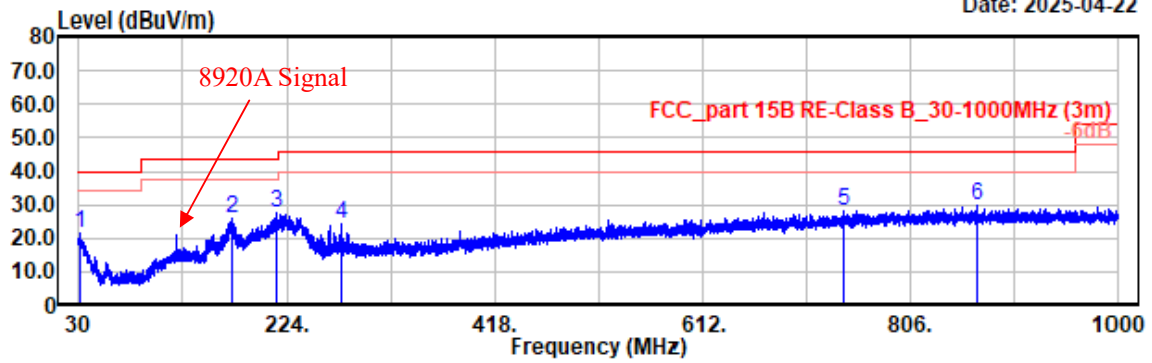
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
38.15	36.71	-10.36	26.35	40.00	13.65	Vertical	Peak
46.30	43.51	-15.95	27.56	40.00	12.44	Vertical	Peak
187.14	37.57	-12.34	25.23	43.50	18.27	Vertical	Peak
205.86	37.23	-12.17	25.06	43.50	18.44	Vertical	Peak
263.96	36.29	-10.47	25.82	46.00	20.18	Vertical	Peak
865.66	27.23	2.20	29.43	46.00	16.57	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(122MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



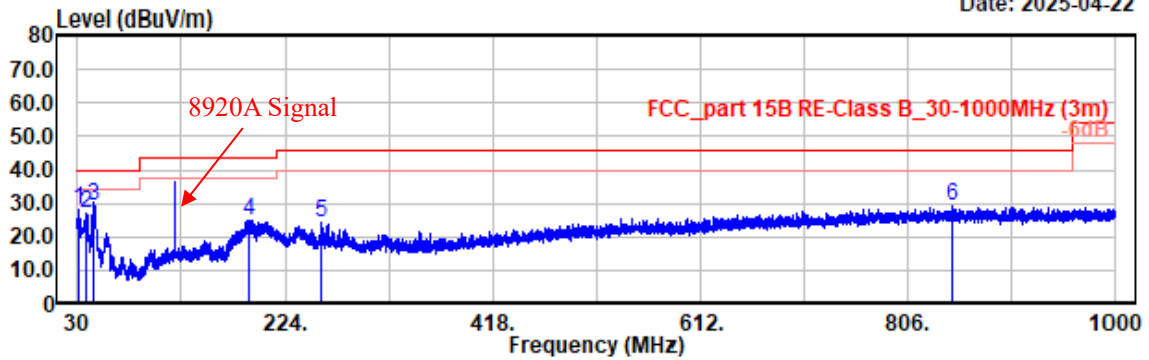
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.68	27.02	-5.77	21.25	40.00	18.75	Horizontal	Peak
173.56	38.17	-12.05	26.12	43.50	17.38	Horizontal	Peak
213.62	40.34	-12.67	27.67	43.50	15.83	Horizontal	Peak
273.96	33.68	-9.67	24.01	46.00	21.99	Horizontal	Peak
743.24	27.79	0.39	28.18	46.00	17.82	Horizontal	Peak
867.89	27.62	2.15	29.77	46.00	16.23	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(122MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



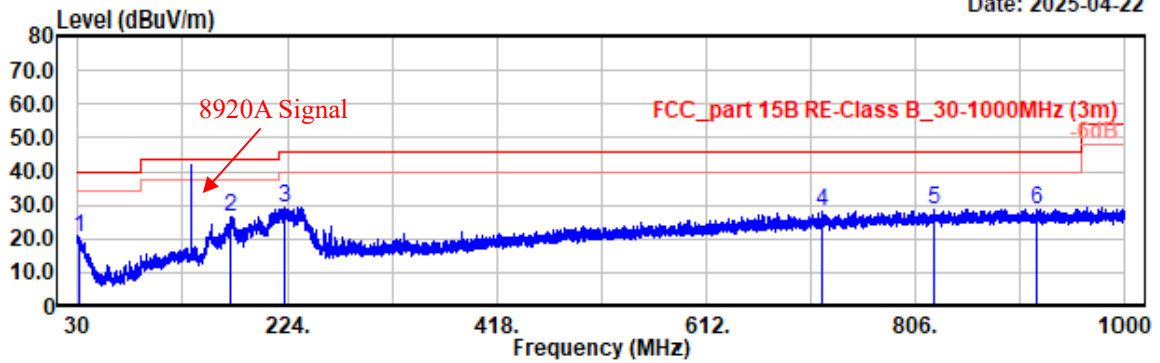
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.46	34.12	-6.10	28.02	40.00	11.98	Vertical	Peak
39.02	38.05	-10.87	27.18	40.00	12.82	Vertical	Peak
45.71	44.69	-15.60	29.09	40.00	10.91	Vertical	QP
189.37	37.45	-12.35	25.10	43.50	18.40	Vertical	Peak
257.95	35.43	-11.17	24.26	46.00	21.74	Vertical	Peak
847.32	27.27	1.88	29.15	46.00	16.85	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(135.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



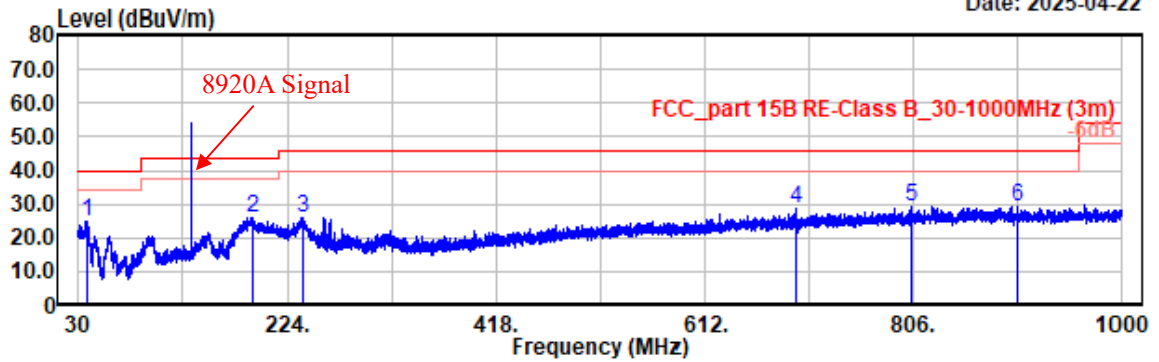
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
31.84	26.62	-6.32	20.30	40.00	19.70	Horizontal	Peak
171.62	38.51	-11.94	26.57	43.50	16.93	Horizontal	Peak
220.61	41.92	-12.63	29.29	46.00	16.71	Horizontal	Peak
719.86	28.24	0.05	28.29	46.00	17.71	Horizontal	Peak
823.07	27.14	1.63	28.77	46.00	17.23	Horizontal	Peak
919.20	26.24	2.72	28.96	46.00	17.04	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(135.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



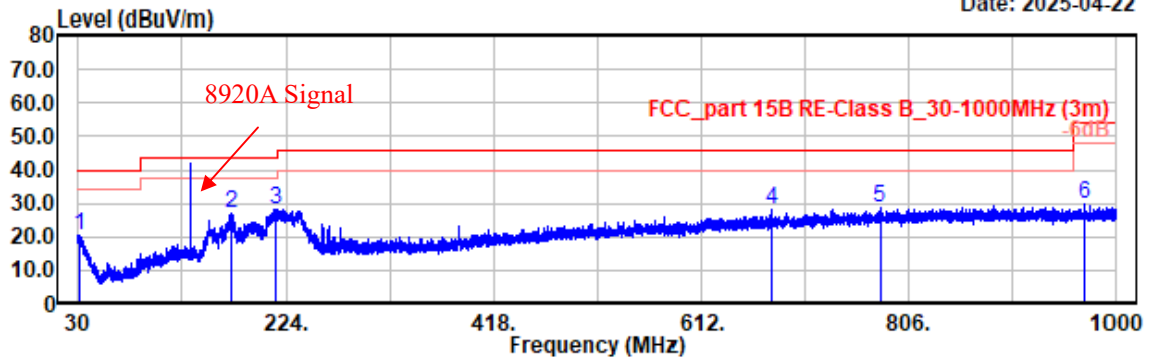
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.05	35.29	-10.31	24.98	40.00	15.02	Vertical	Peak
191.60	38.19	-12.17	26.02	43.50	17.48	Vertical	Peak
238.65	37.71	-11.78	25.93	46.00	20.07	Vertical	Peak
697.17	29.01	-0.43	28.58	46.00	17.42	Vertical	Peak
803.96	27.90	1.26	29.16	46.00	16.84	Vertical	Peak
903.29	26.69	2.55	29.24	46.00	16.76	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(136.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22

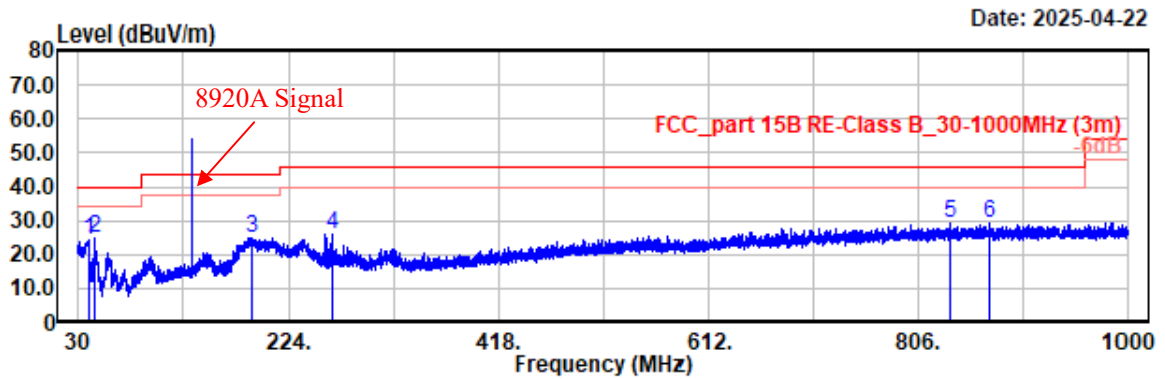


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.75	26.89	-6.27	20.62	40.00	19.38	Horizontal	Peak
173.56	38.96	-12.05	26.91	43.50	16.59	Horizontal	Peak
214.59	40.95	-12.68	28.27	43.50	15.23	Horizontal	Peak
678.06	28.54	-0.66	27.88	46.00	18.12	Horizontal	Peak
778.94	27.60	1.05	28.65	46.00	17.35	Horizontal	Peak
970.22	26.23	3.42	29.65	54.00	24.35	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(136.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)



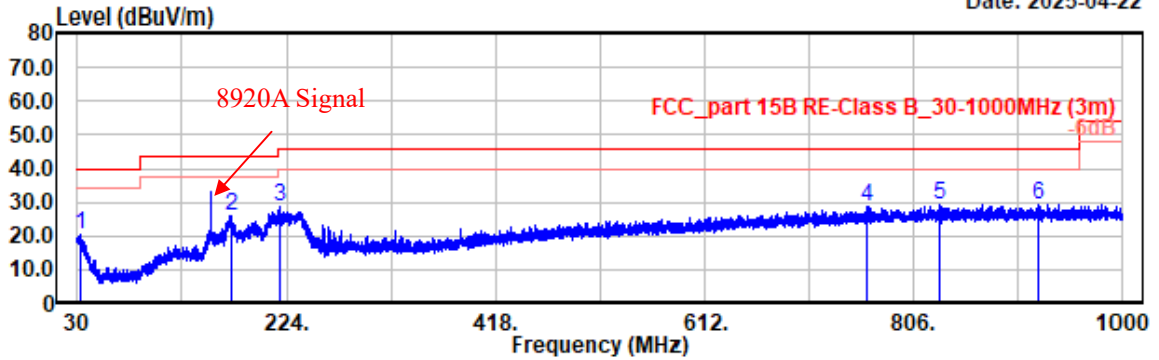
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.41	35.45	-11.21	24.24	40.00	15.76	Vertical	Peak
45.42	40.25	-15.43	24.82	40.00	15.18	Vertical	Peak
189.95	37.08	-12.28	24.80	43.50	18.70	Vertical	Peak
263.96	36.56	-10.47	26.09	46.00	19.91	Vertical	Peak
835.29	27.22	1.79	29.01	46.00	16.99	Vertical	Peak
872.25	26.79	2.18	28.97	46.00	17.03	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(155MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22

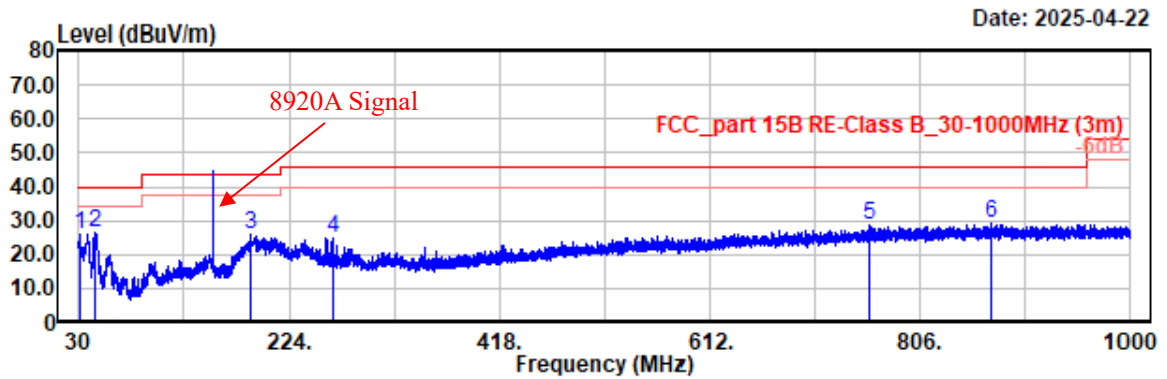


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.62	26.99	-6.73	20.26	40.00	19.74	Horizontal	Peak
173.85	38.18	-12.10	26.08	43.50	17.42	Horizontal	Peak
217.40	41.08	-12.67	28.41	46.00	17.59	Horizontal	Peak
763.22	28.08	0.67	28.75	46.00	17.25	Horizontal	Peak
830.06	27.26	1.77	29.03	46.00	16.97	Horizontal	Peak
922.69	26.73	2.78	29.51	46.00	16.49	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(155MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)



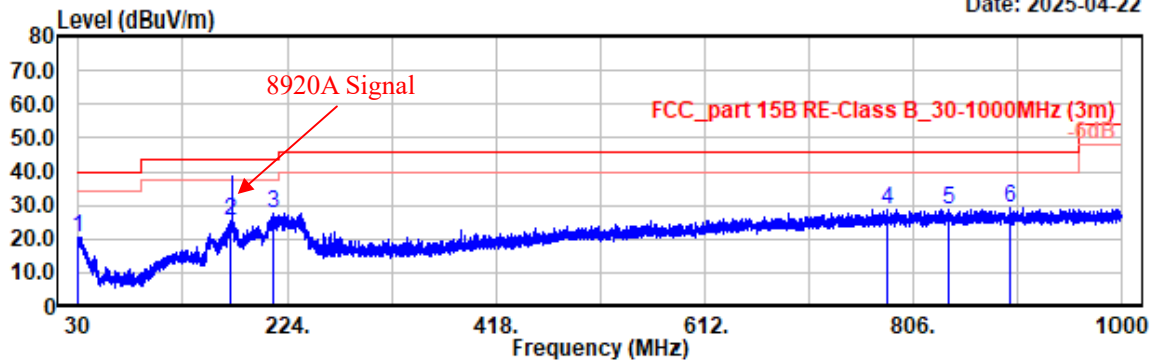
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
30.97	31.50	-5.84	25.66	40.00	14.34	Vertical	Peak
45.23	41.75	-15.32	26.43	40.00	13.57	Vertical	Peak
187.72	38.24	-12.39	25.85	43.50	17.65	Vertical	Peak
263.96	35.22	-10.47	24.75	46.00	21.25	Vertical	Peak
759.73	27.86	0.59	28.45	46.00	17.55	Vertical	Peak
872.15	26.92	2.17	29.09	46.00	16.91	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(173.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C /57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22

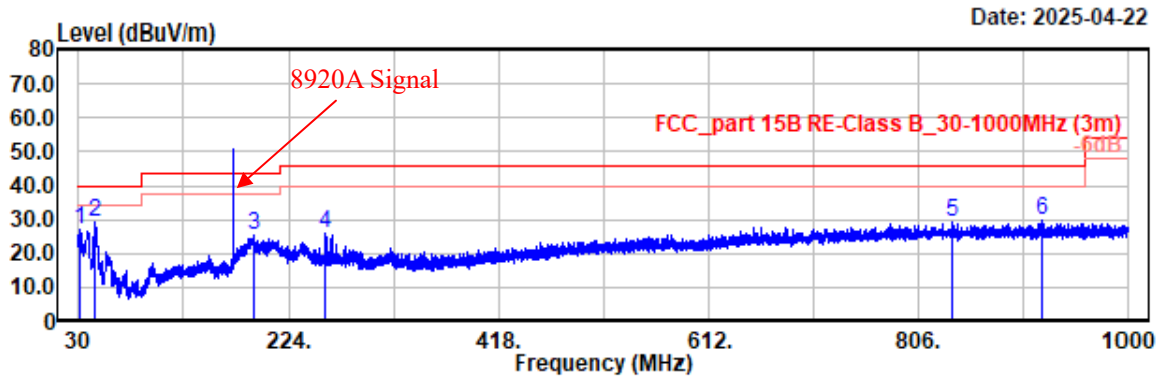


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.29	26.13	-5.68	20.45	40.00	19.55	Horizontal	Peak
172.59	37.15	-11.94	25.21	43.50	18.29	Horizontal	Peak
210.23	40.33	-12.63	27.70	43.50	15.80	Horizontal	Peak
781.27	27.70	1.08	28.78	46.00	17.22	Horizontal	Peak
839.37	27.11	1.80	28.91	46.00	17.09	Horizontal	Peak
896.02	26.70	2.45	29.15	46.00	16.85	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(173.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)



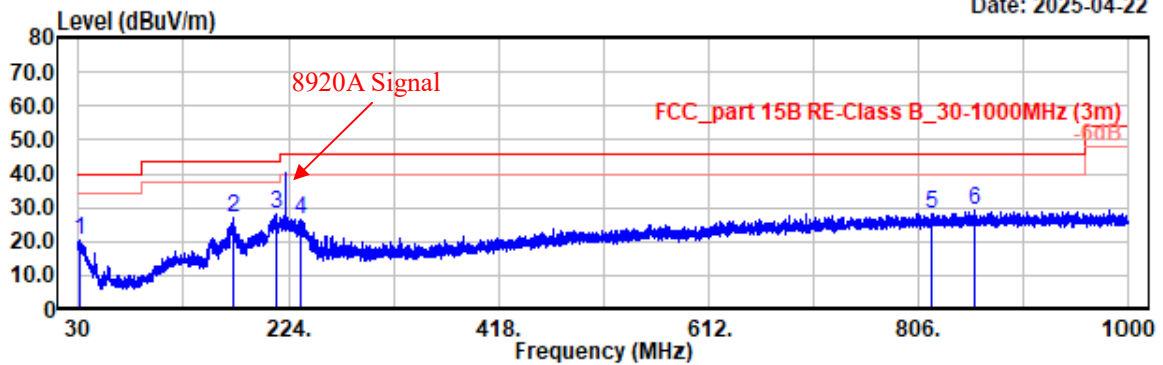
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.55	33.24	-6.16	27.08	40.00	12.92	Vertical	Peak
45.81	45.14	-15.66	29.48	40.00	10.52	Vertical	Peak
191.02	37.54	-12.18	25.36	43.50	18.14	Vertical	Peak
257.95	36.90	-11.17	25.73	46.00	20.27	Vertical	Peak
837.43	27.41	1.79	29.20	46.00	16.80	Vertical	Peak
919.88	26.96	2.72	29.68	46.00	16.32	Vertical	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(220.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C /57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



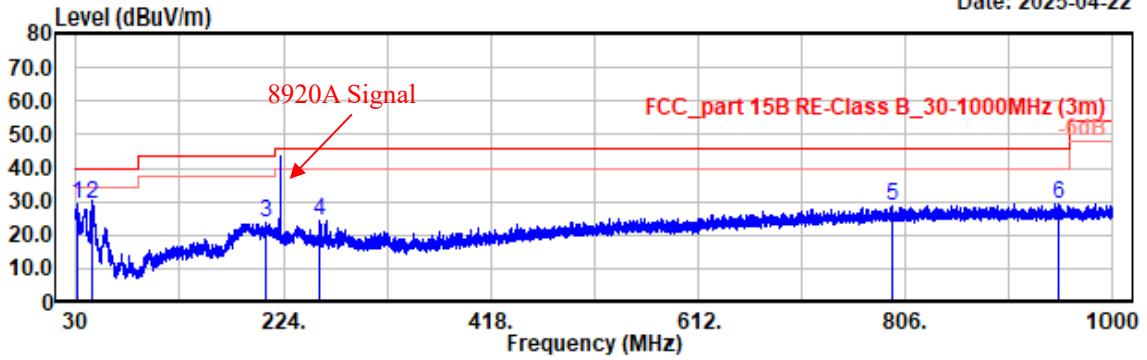
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.26	26.38	-6.00	20.38	40.00	19.62	Horizontal	Peak
173.46	39.16	-12.03	27.13	43.50	16.37	Horizontal	Peak
212.55	40.53	-12.66	27.87	43.50	15.63	Horizontal	Peak
234.96	38.49	-12.03	26.46	46.00	19.54	Horizontal	Peak
817.54	26.90	1.51	28.41	46.00	17.59	Horizontal	Peak
857.31	27.03	2.02	29.05	46.00	16.95	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(220.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



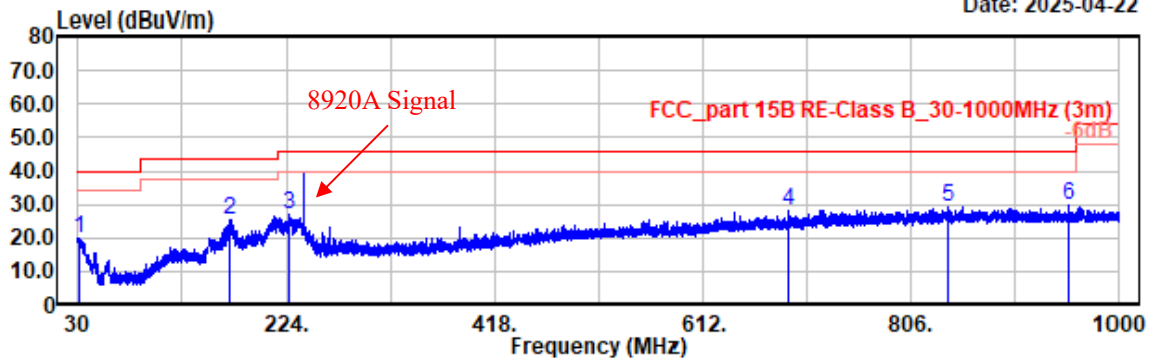
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.65	35.24	-6.21	29.03	40.00	10.97	Vertical	Peak
45.52	44.65	-15.48	29.17	40.00	10.83	Vertical	QP
206.54	36.02	-12.23	23.79	43.50	19.71	Vertical	Peak
257.95	35.68	-11.17	24.51	46.00	21.49	Vertical	Peak
793.39	27.56	1.20	28.76	46.00	17.24	Vertical	Peak
950.14	25.92	3.14	29.06	46.00	16.94	Vertical	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(240MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



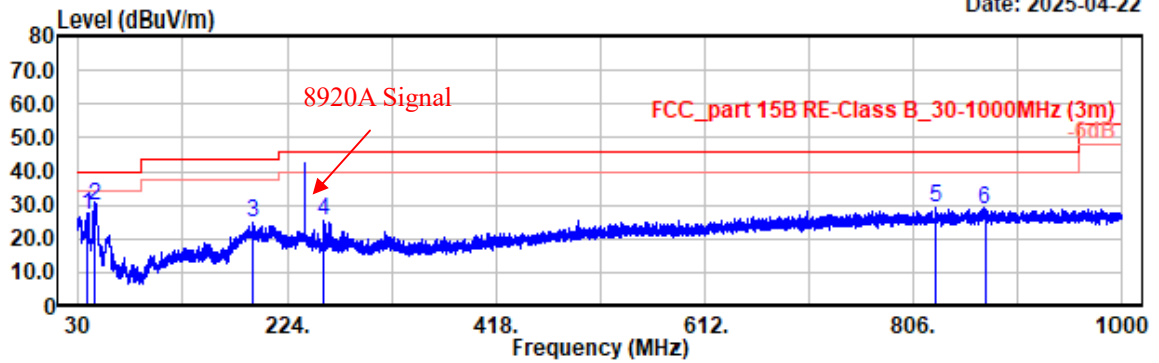
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.84	26.45	-6.32	20.13	40.00	19.87	Horizontal	Peak
171.91	37.55	-11.94	25.61	43.50	17.89	Horizontal	Peak
225.55	39.41	-12.48	26.93	46.00	19.07	Horizontal	Peak
692.03	28.49	-0.45	28.04	46.00	17.96	Horizontal	Peak
840.34	27.44	1.81	29.25	46.00	16.75	Horizontal	Peak
953.83	26.39	3.23	29.62	46.00	16.38	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(240MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



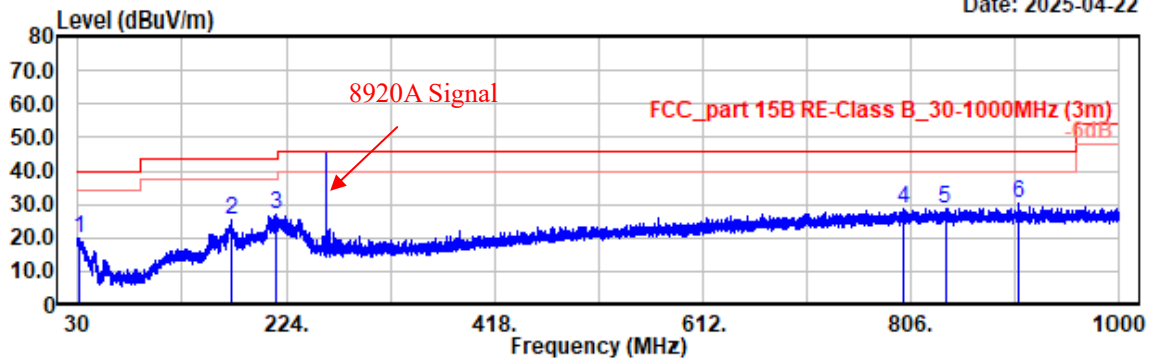
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
37.86	36.95	-10.17	26.78	40.00	13.22	Vertical	Peak
45.62	45.23	-15.54	29.69	40.00	10.31	Vertical	QP
190.83	36.91	-12.20	24.71	43.50	18.79	Vertical	Peak
257.95	36.42	-11.17	25.25	46.00	20.75	Vertical	Peak
827.05	27.46	1.70	29.16	46.00	16.84	Vertical	Peak
872.74	26.56	2.18	28.74	46.00	17.26	Vertical	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(259.9875MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



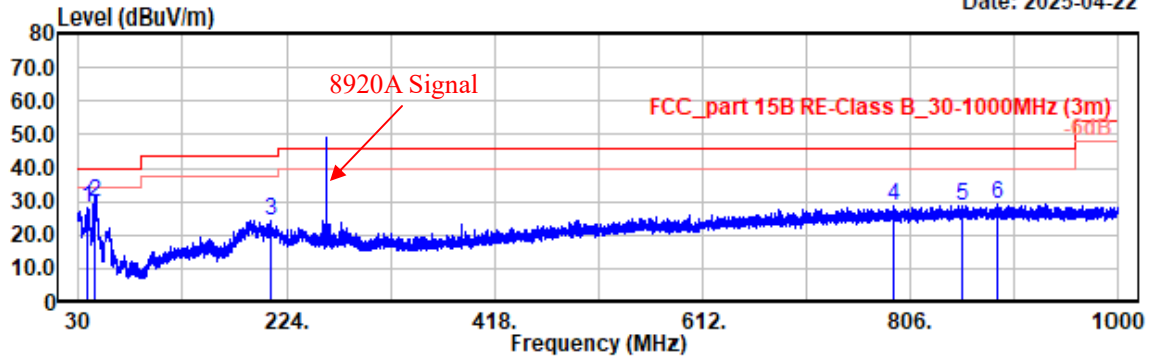
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.87	25.67	-5.82	19.85	40.00	20.15	Horizontal	Peak
173.17	37.22	-11.97	25.25	43.50	18.25	Horizontal	Peak
214.49	39.51	-12.69	26.82	43.50	16.68	Horizontal	Peak
799.70	27.69	1.25	28.94	46.00	17.06	Horizontal	Peak
838.01	27.15	1.80	28.95	46.00	17.05	Horizontal	Peak
907.17	27.49	2.61	30.10	46.00	15.90	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(259.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



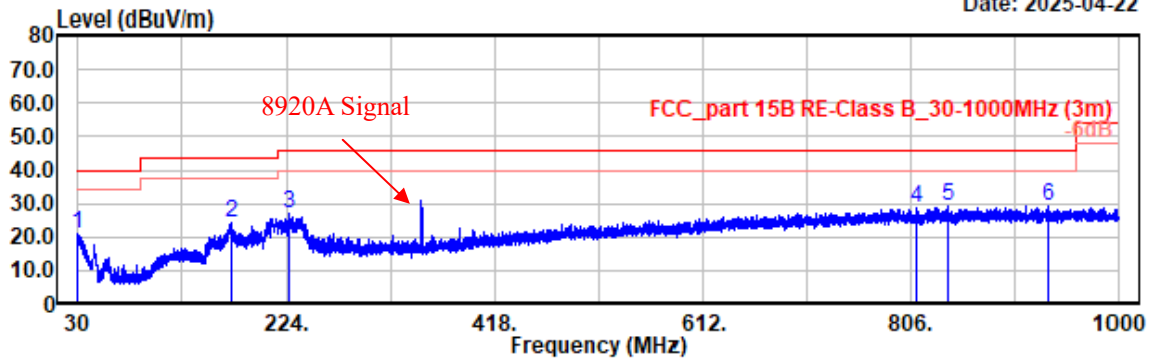
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.22	38.92	-11.04	27.88	40.00	12.12	Vertical	Peak
46.10	45.74	-15.83	29.91	40.00	10.09	Vertical	QP
208.19	36.87	-12.42	24.45	43.50	19.05	Vertical	Peak
790.19	27.41	1.11	28.52	46.00	17.48	Vertical	Peak
854.50	26.83	1.96	28.79	46.00	17.21	Vertical	Peak
887.77	26.60	2.46	29.06	46.00	16.94	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(350.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



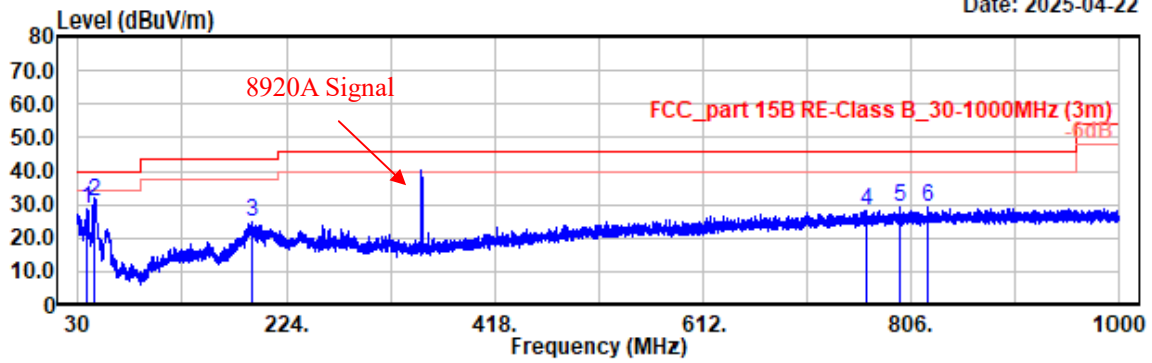
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.49	26.64	-5.73	20.91	40.00	19.09	Horizontal	Peak
174.34	36.15	-12.13	24.02	43.50	19.48	Horizontal	Peak
225.84	39.40	-12.45	26.95	46.00	19.05	Horizontal	Peak
810.46	27.46	1.39	28.85	46.00	17.15	Horizontal	Peak
840.24	27.17	1.80	28.97	46.00	17.03	Horizontal	Peak
934.72	25.95	3.06	29.01	46.00	16.99	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(350.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



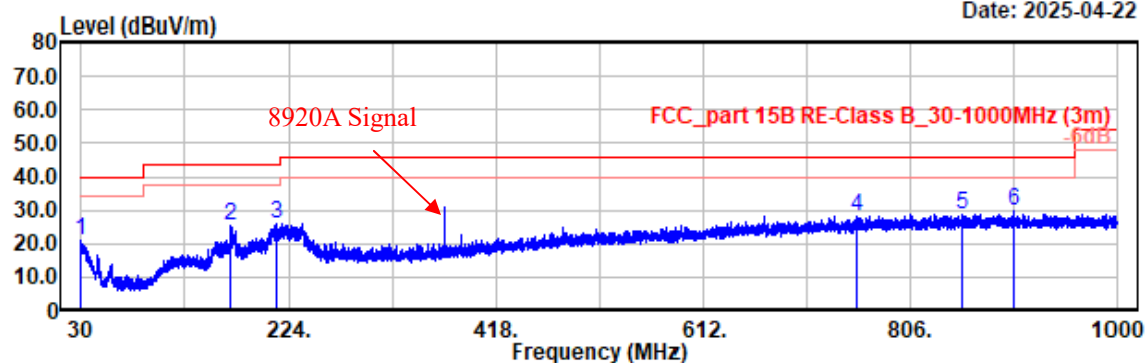
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.22	39.55	-11.04	28.51	40.00	11.49	Vertical	Peak
46.01	46.68	-15.77	30.91	40.00	9.09	Vertical	QP
190.54	36.96	-12.23	24.73	43.50	18.77	Vertical	Peak
763.51	27.42	0.68	28.10	46.00	17.90	Vertical	Peak
795.72	28.11	1.24	29.35	46.00	16.65	Vertical	Peak
821.81	27.35	1.63	28.98	46.00	17.02	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



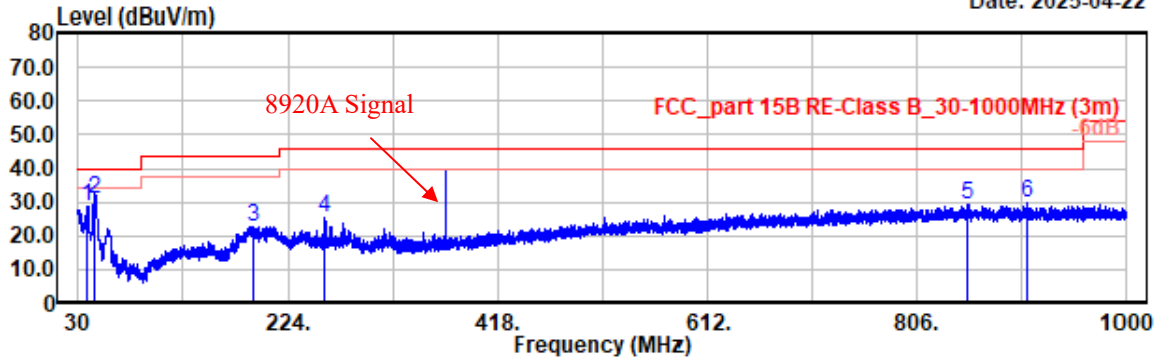
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	26.43	-5.70	20.73	40.00	19.27	Horizontal	Peak
171.14	37.10	-11.95	25.15	43.50	18.35	Horizontal	Peak
212.55	38.45	-12.66	25.79	43.50	17.71	Horizontal	Peak
756.24	27.68	0.50	28.18	46.00	17.82	Horizontal	Peak
854.11	26.92	1.95	28.87	46.00	17.13	Horizontal	Peak
902.52	27.01	2.55	29.56	46.00	16.44	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(370MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



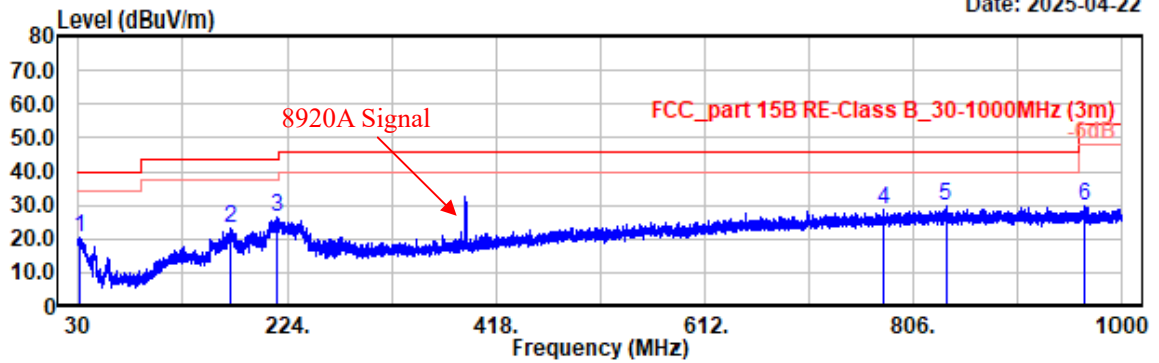
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.22	39.89	-11.04	28.85	40.00	11.15	Vertical	Peak
45.91	46.59	-15.71	30.88	40.00	9.12	Vertical	QP
190.63	35.09	-12.22	22.87	43.50	20.63	Vertical	Peak
257.95	36.38	-11.17	25.21	46.00	20.79	Vertical	Peak
851.98	27.07	1.95	29.02	46.00	16.98	Vertical	Peak
908.92	26.94	2.65	29.59	46.00	16.41	Vertical	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(389.9875MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22

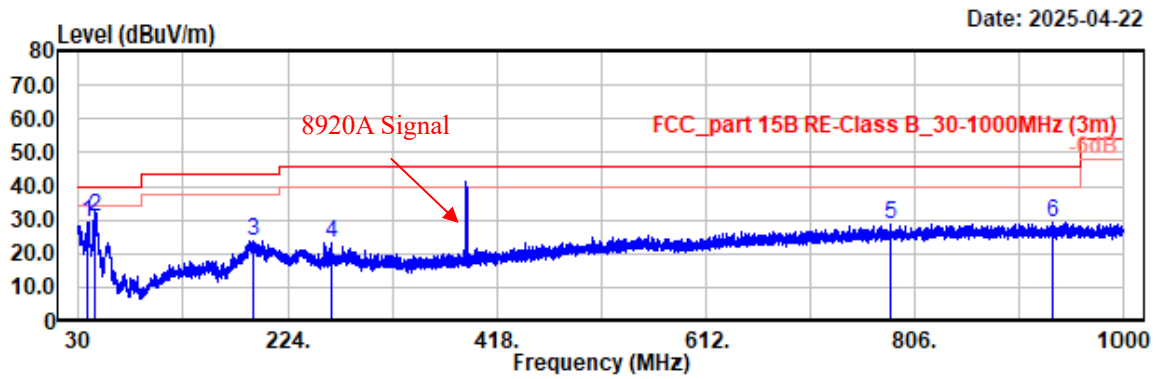


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
30.68	26.01	-5.77	20.24	40.00	19.76	Horizontal	Peak
172.49	35.08	-11.94	23.14	43.50	20.36	Horizontal	Peak
213.04	39.17	-12.67	26.50	43.50	17.00	Horizontal	Peak
777.29	27.63	1.02	28.65	46.00	17.35	Horizontal	Peak
836.26	27.83	1.79	29.62	46.00	16.38	Horizontal	Peak
966.24	26.33	3.48	29.81	54.00	24.19	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(389.9875MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)



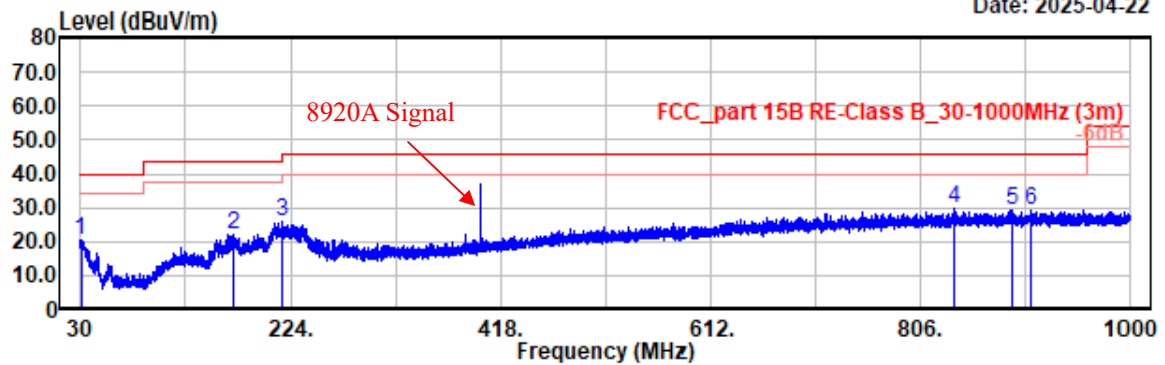
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.02	40.17	-10.87	29.30	40.00	10.70	Vertical	Peak
46.01	46.61	-15.77	30.84	40.00	9.16	Vertical	QP
191.12	36.09	-12.18	23.91	43.50	19.59	Vertical	Peak
263.96	33.69	-10.47	23.22	46.00	22.78	Vertical	Peak
783.88	27.74	1.09	28.83	46.00	17.17	Vertical	Peak
934.14	26.37	3.04	29.41	46.00	16.59	Vertical	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 2(400.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 23.8°C /57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

Date: 2025-04-22



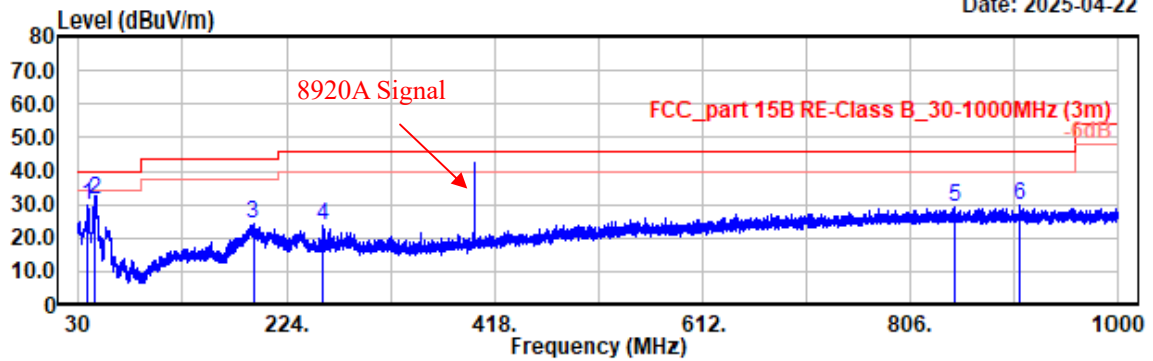
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.58	26.24	-5.74	20.50	40.00	19.50	Horizontal	Peak
172.30	34.23	-11.94	22.29	43.50	21.21	Horizontal	Peak
216.24	38.56	-12.68	25.88	46.00	20.12	Horizontal	Peak
836.75	28.16	1.79	29.95	46.00	16.05	Horizontal	Peak
890.39	26.83	2.50	29.33	46.00	16.67	Horizontal	Peak
907.66	26.65	2.62	29.27	46.00	16.73	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(400.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



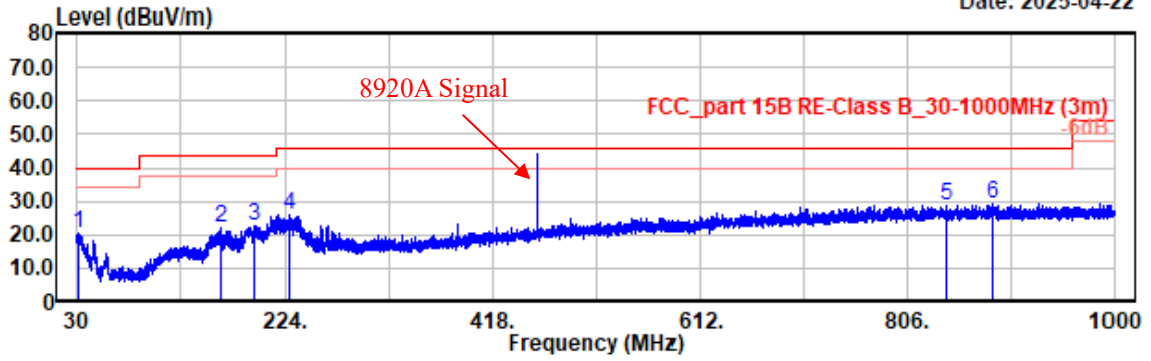
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
39.12	40.70	-10.96	29.74	40.00	10.26	Vertical	Peak
45.62	46.73	-15.54	31.19	40.00	8.81	Vertical	QP
192.09	36.52	-12.17	24.35	43.50	19.15	Vertical	Peak
257.95	34.90	-11.17	23.73	46.00	22.27	Vertical	Peak
847.61	27.48	1.88	29.36	46.00	16.64	Vertical	Peak
908.72	27.18	2.64	29.82	46.00	16.18	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(460MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



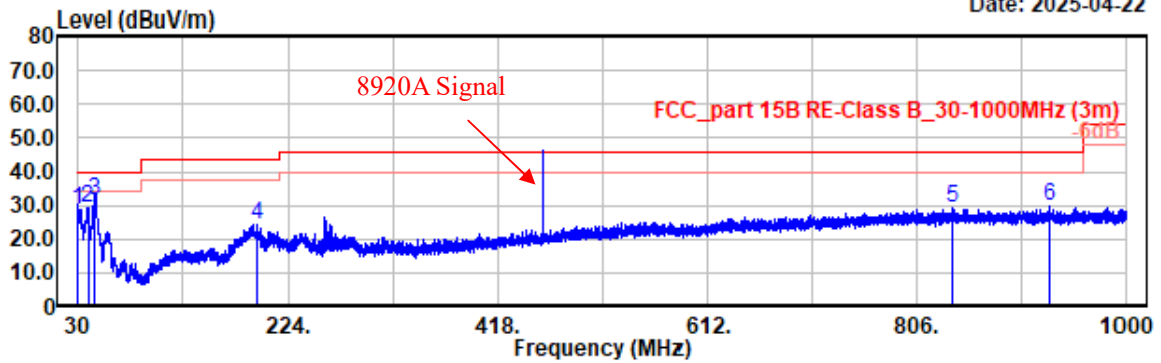
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.75	26.65	-6.27	20.38	40.00	19.62	Horizontal	Peak
165.22	33.79	-11.62	22.17	43.50	21.33	Horizontal	Peak
194.51	34.63	-12.01	22.62	43.50	20.88	Horizontal	Peak
226.91	38.15	-12.39	25.76	46.00	20.24	Horizontal	Peak
841.99	27.06	1.81	28.87	46.00	17.13	Horizontal	Peak
886.41	26.84	2.41	29.25	46.00	16.75	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(460MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C /57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



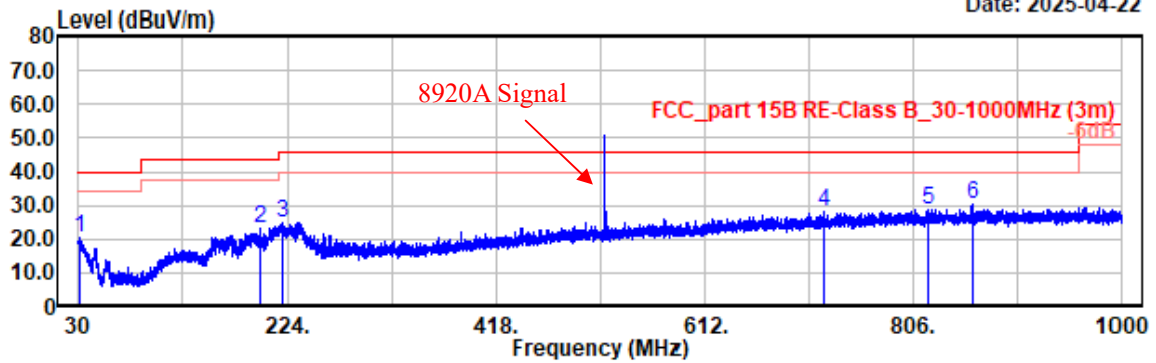
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	34.53	-5.60	28.93	40.00	11.07	Vertical	QP
39.31	40.43	-11.13	29.30	40.00	10.70	Vertical	Peak
45.52	46.84	-15.48	31.36	40.00	8.64	Vertical	QP
194.80	36.17	-11.98	24.19	43.50	19.31	Vertical	Peak
838.20	27.27	1.80	29.07	46.00	16.93	Vertical	Peak
928.71	27.20	2.85	30.05	46.00	15.95	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(519.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



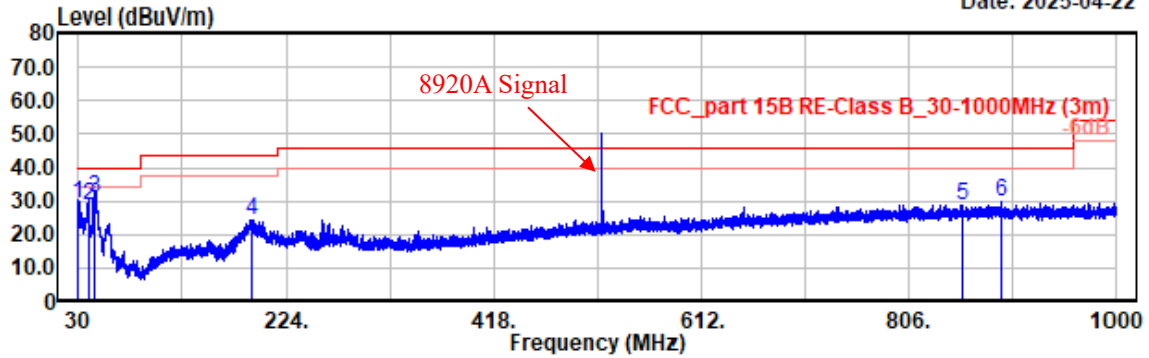
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.97	26.12	-5.84	20.28	40.00	19.72	Horizontal	Peak
197.62	34.99	-11.73	23.26	43.50	20.24	Horizontal	Peak
219.64	37.52	-12.65	24.87	46.00	21.13	Horizontal	Peak
721.90	27.96	0.05	28.01	46.00	17.99	Horizontal	Peak
819.00	27.02	1.58	28.60	46.00	17.40	Horizontal	Peak
860.61	28.02	2.09	30.11	46.00	15.89	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(519.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 23.8°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-04-22



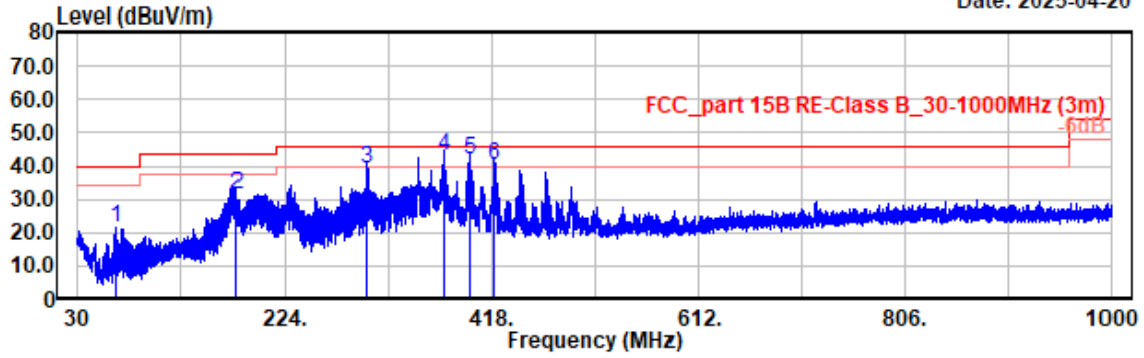
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.19	34.62	-5.65	28.97	40.00	11.03	Vertical	QP
39.51	40.09	-11.30	28.79	40.00	11.21	Vertical	QP
45.74	46.78	-15.61	31.17	40.00	8.83	Vertical	QP
190.92	36.67	-12.19	24.48	43.50	19.02	Vertical	Peak
857.02	26.81	2.01	28.82	46.00	17.18	Vertical	Peak
892.72	27.50	2.46	29.96	46.00	16.04	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(108-136MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

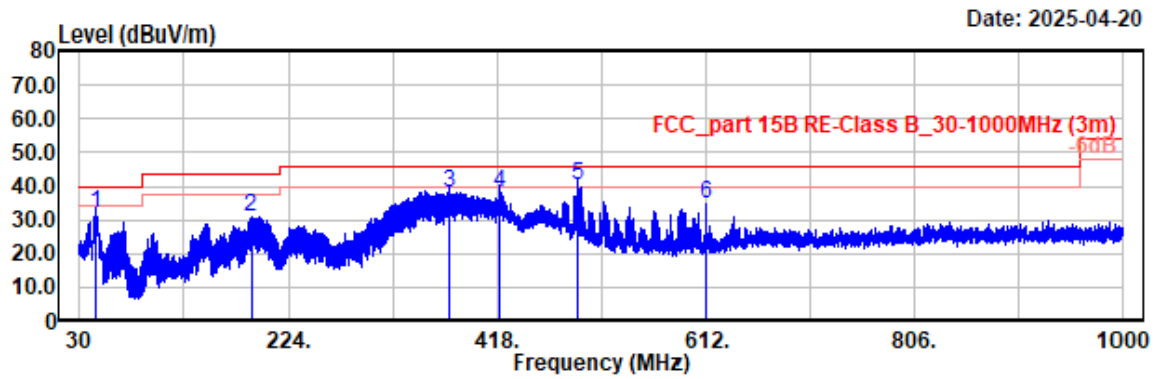


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
65.79	39.11	-17.32	21.79	40.00	18.21	Horizontal	Peak
178.60	43.93	-12.24	31.69	43.50	11.81	Horizontal	QP
300.92	48.15	-9.17	38.98	46.00	7.02	Horizontal	QP
372.99	50.24	-7.30	42.94	46.00	3.06	Horizontal	QP
397.44	48.33	-6.51	41.82	46.00	4.18	Horizontal	QP
421.10	45.90	-5.61	40.29	46.00	5.71	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 3(108-136MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)



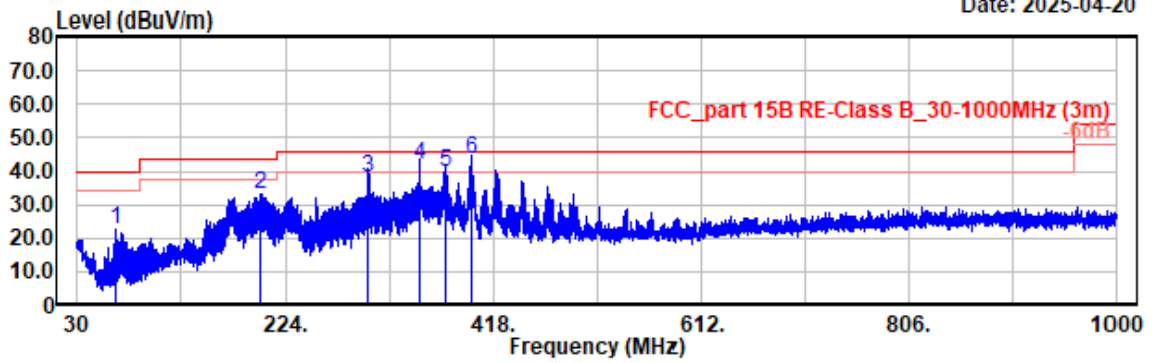
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	47.86	-15.66	32.20	40.00	7.80	Vertical	QP
188.60	43.48	-12.40	31.08	43.50	12.42	Vertical	Peak
373.09	45.24	-7.30	37.94	46.00	8.06	Vertical	QP
421.10	43.88	-5.61	38.27	46.00	7.73	Vertical	QP
493.47	43.88	-3.57	40.31	46.00	5.69	Vertical	QP
611.81	36.82	-1.97	34.85	46.00	11.15	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(136-174MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



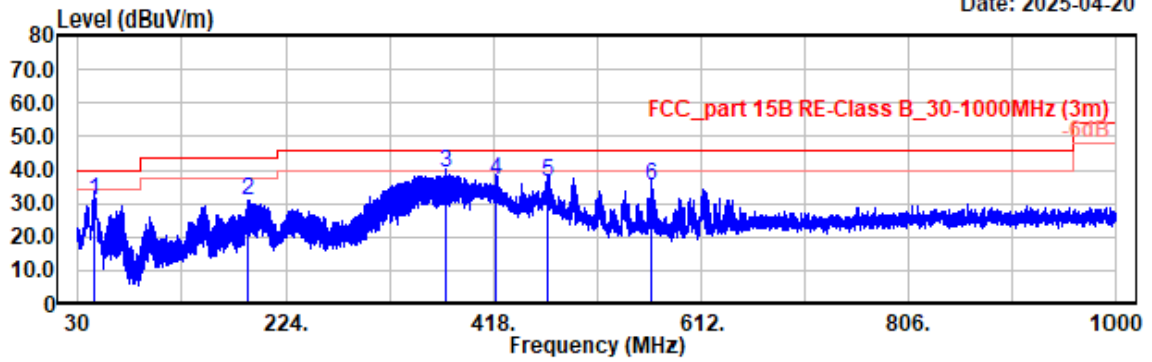
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
65.79	39.85	-17.32	22.53	40.00	17.47	Horizontal	Peak
199.56	44.89	-11.67	33.22	43.50	10.28	Horizontal	Peak
300.92	47.51	-9.17	38.34	46.00	7.66	Horizontal	QP
348.94	49.85	-8.06	41.79	46.00	4.21	Horizontal	QP
373.19	47.12	-7.30	39.82	46.00	6.18	Horizontal	QP
397.05	49.88	-6.53	43.35	46.00	2.65	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(136-174MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



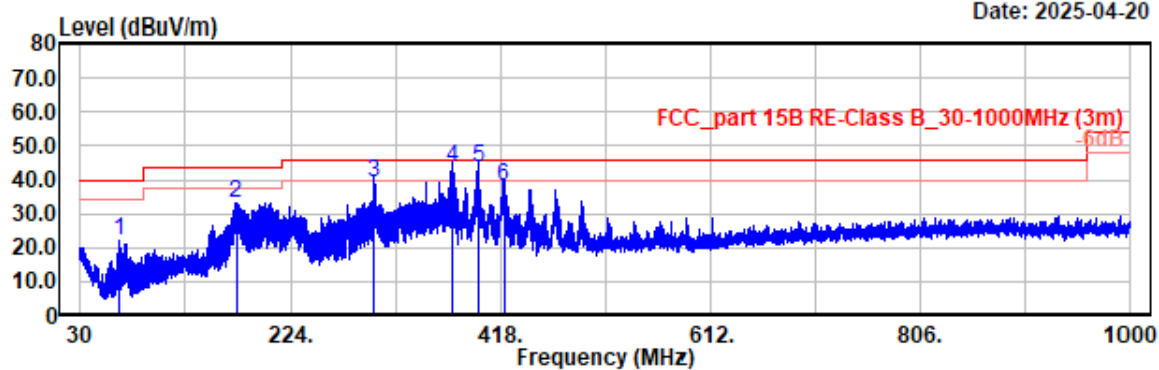
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
44.94	46.23	-15.14	31.09	40.00	8.91	Vertical	QP
188.50	43.46	-12.40	31.06	43.50	12.44	Vertical	Peak
372.90	46.66	-7.30	39.36	46.00	6.64	Vertical	QP
421.10	42.73	-5.61	37.12	46.00	8.88	Vertical	QP
469.70	40.89	-4.21	36.68	46.00	9.32	Vertical	QP
566.22	37.50	-2.46	35.04	46.00	10.96	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(220-260MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



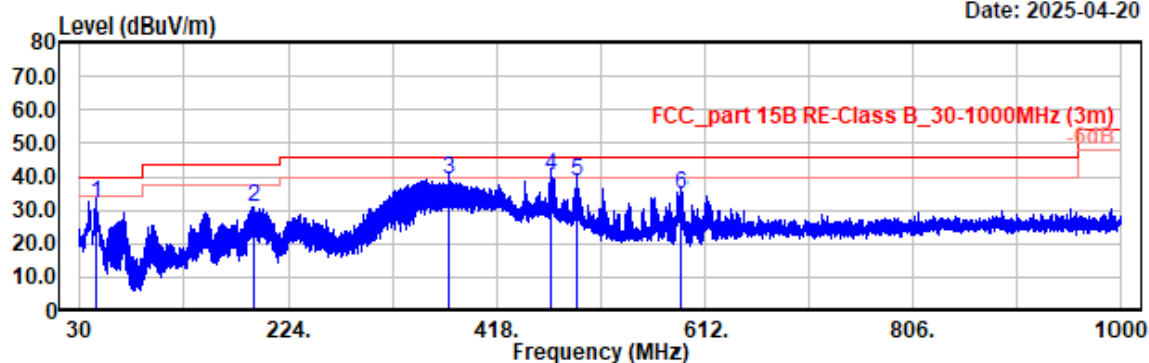
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
65.79	39.56	-17.32	22.24	40.00	17.76	Horizontal	Peak
174.72	45.43	-12.13	33.30	43.50	10.20	Horizontal	Peak
301.02	48.51	-9.16	39.35	46.00	6.65	Horizontal	QP
373.96	50.84	-7.28	43.56	46.00	2.44	Horizontal	QP
397.24	50.18	-6.52	43.66	46.00	2.34	Horizontal	QP
421.30	43.57	-5.59	37.98	46.00	8.02	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(220-260MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



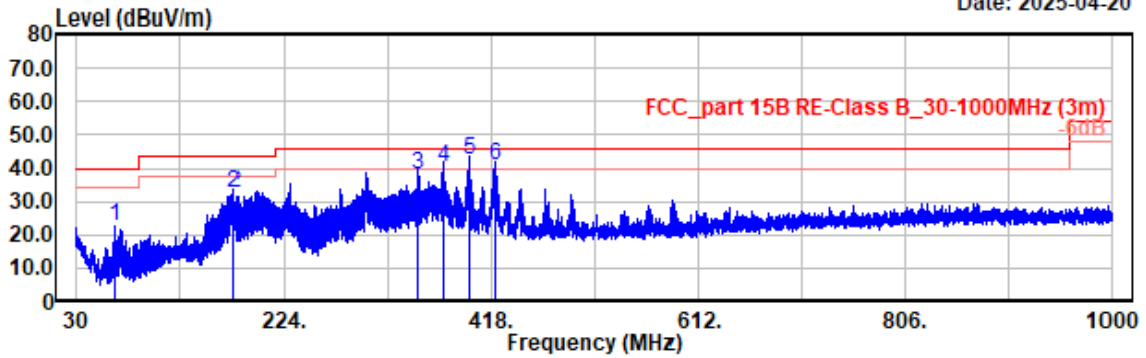
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	47.66	-15.66	32.00	40.00	8.00	Vertical	QP
190.63	42.96	-12.22	30.74	43.50	12.76	Vertical	Peak
373.19	46.46	-7.30	39.16	46.00	6.84	Vertical	QP
469.70	44.52	-4.21	40.31	46.00	5.69	Vertical	QP
493.76	41.96	-3.56	38.40	46.00	7.60	Vertical	QP
590.18	37.49	-2.54	34.95	46.00	11.05	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



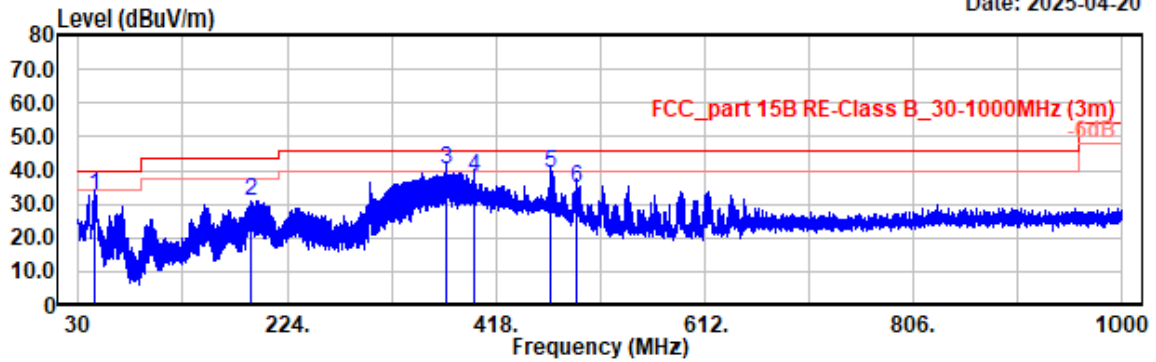
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
65.79	40.11	-17.32	22.79	40.00	17.21	Horizontal	Peak
176.57	44.46	-12.16	32.30	43.50	11.20	Horizontal	QP
349.23	46.30	-8.04	38.26	46.00	7.74	Horizontal	QP
372.99	47.79	-7.30	40.49	46.00	5.51	Horizontal	QP
397.53	48.85	-6.50	42.35	46.00	3.65	Horizontal	QP
421.40	46.30	-5.59	40.71	46.00	5.29	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(350-390MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



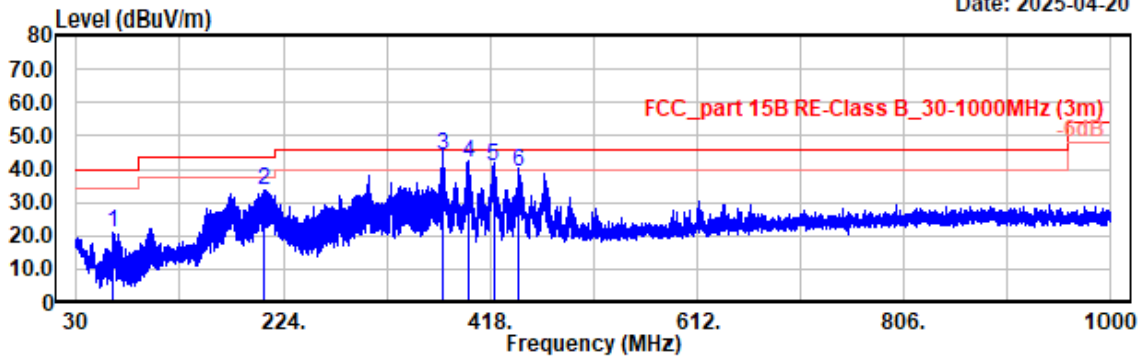
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	47.98	-15.66	32.32	40.00	7.68	Vertical	QP
189.57	43.50	-12.33	31.17	43.50	12.33	Vertical	Peak
372.12	47.72	-7.33	40.39	46.00	5.61	Vertical	QP
397.15	44.62	-6.52	38.10	46.00	7.90	Vertical	QP
469.31	43.45	-4.21	39.24	46.00	6.76	Vertical	QP
493.47	38.38	-3.57	34.81	46.00	11.19	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 3(400-520MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

Date: 2025-04-20



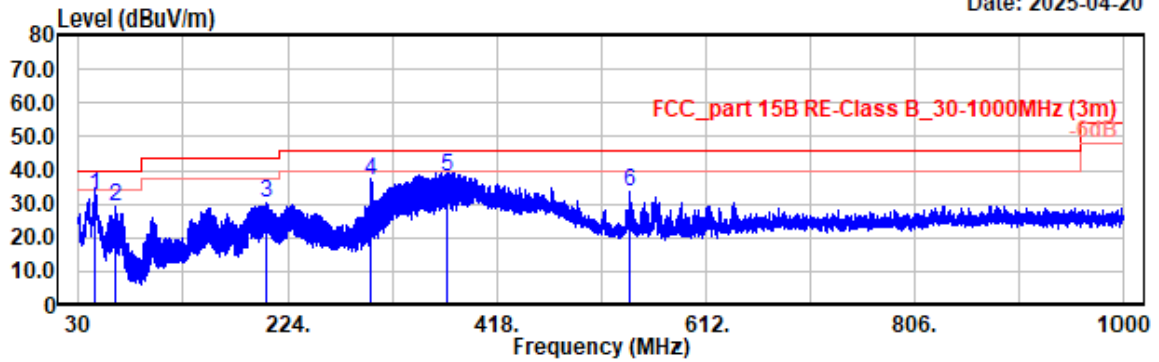
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
64.82	38.03	-17.27	20.76	40.00	19.24	Horizontal	Peak
205.67	45.65	-12.15	33.50	43.50	10.00	Horizontal	Peak
372.99	51.28	-7.30	43.98	46.00	2.02	Horizontal	QP
397.15	48.27	-6.52	41.75	46.00	4.25	Horizontal	QP
421.30	46.30	-5.59	40.71	46.00	5.29	Horizontal	QP
445.26	44.13	-4.94	39.19	46.00	6.81	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(400-520MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

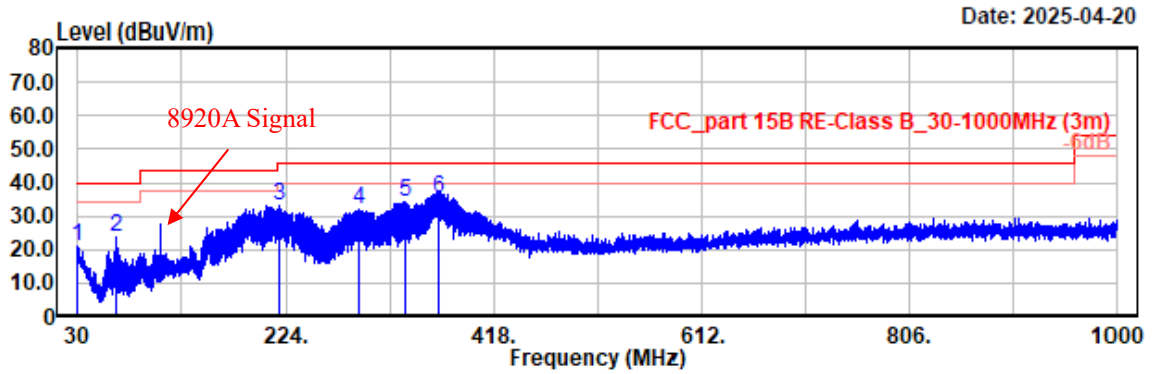


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
44.94	47.54	-15.14	32.40	40.00	7.60	Vertical	QP
63.85	46.57	-17.35	29.22	40.00	10.78	Vertical	Peak
202.56	42.08	-11.90	30.18	43.50	13.32	Vertical	Peak
300.92	45.99	-9.17	36.82	46.00	9.18	Vertical	QP
371.34	45.37	-7.34	38.03	46.00	7.97	Vertical	QP
541.48	36.51	-2.99	33.52	46.00	12.48	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(108.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



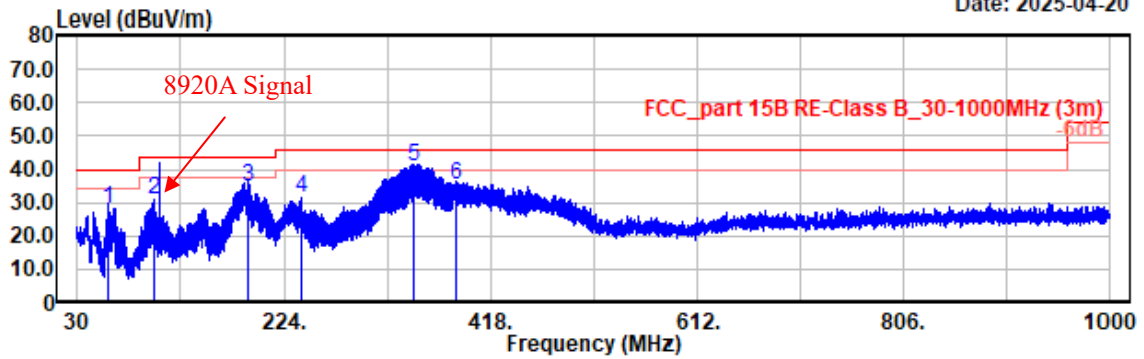
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.49	26.57	-5.73	20.84	40.00	19.16	Horizontal	Peak
65.79	40.92	-17.32	23.60	40.00	16.40	Horizontal	Peak
217.70	45.70	-12.67	33.03	46.00	12.97	Horizontal	Peak
292.48	41.09	-9.27	31.82	46.00	14.18	Horizontal	Peak
335.45	42.76	-8.39	34.37	46.00	11.63	Horizontal	Peak
367.37	42.64	-7.45	35.19	46.00	10.81	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 4(108.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

Date: 2025-04-20



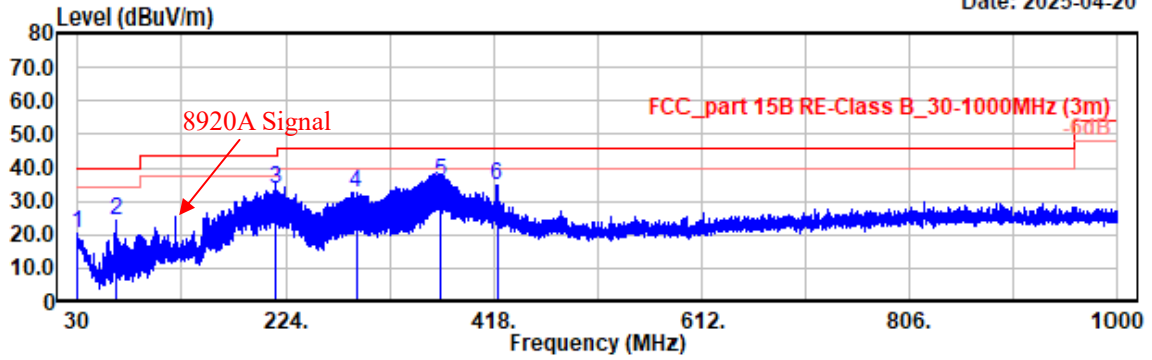
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
58.81	46.01	-17.60	28.41	40.00	11.59	Vertical	QP
102.75	45.12	-14.07	31.05	43.50	12.45	Vertical	Peak
188.69	47.30	-12.40	34.90	43.50	8.60	Vertical	QP
239.62	43.43	-11.71	31.72	46.00	14.28	Vertical	Peak
345.46	48.83	-8.21	40.62	46.00	5.38	Vertical	QP
386.28	42.23	-6.83	35.40	46.00	10.60	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(122MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



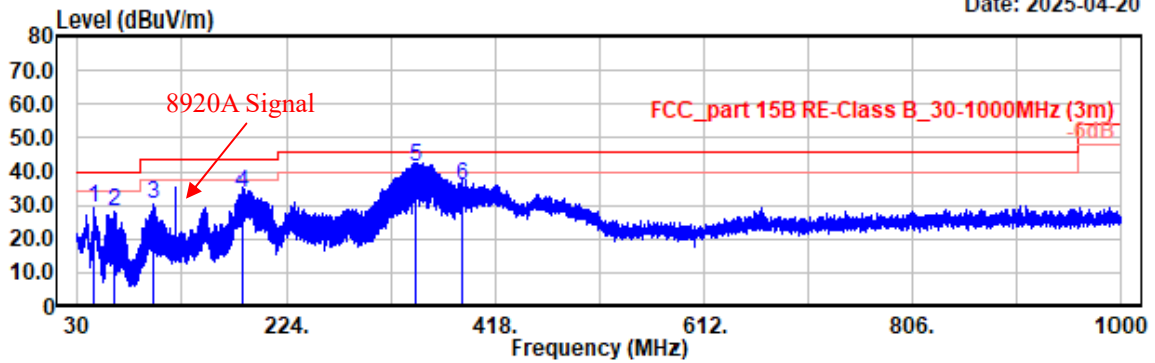
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	26.08	-5.60	20.48	40.00	19.52	Horizontal	Peak
65.79	41.49	-17.32	24.17	40.00	15.83	Horizontal	Peak
213.43	46.09	-12.67	33.42	43.50	10.08	Horizontal	QP
289.28	42.01	-9.24	32.77	46.00	13.23	Horizontal	Peak
368.24	43.47	-7.43	36.04	46.00	9.96	Horizontal	QP
421.30	40.25	-5.59	34.66	46.00	11.34	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(122MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



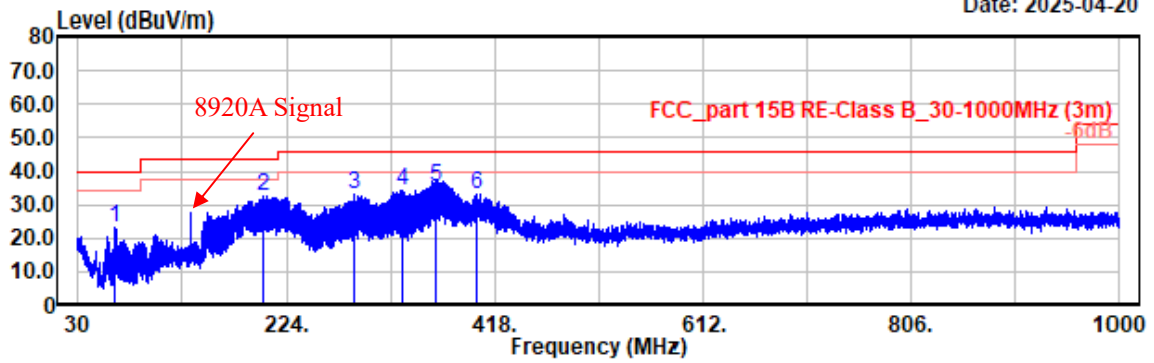
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	44.72	-15.66	29.06	40.00	10.94	Vertical	Peak
64.82	45.61	-17.27	28.34	40.00	11.66	Vertical	Peak
100.71	45.19	-14.74	30.45	43.50	13.05	Vertical	Peak
182.58	46.12	-12.42	33.70	43.50	9.80	Vertical	QP
344.25	49.66	-8.26	41.40	46.00	4.60	Vertical	QP
388.22	42.33	-6.73	35.60	46.00	10.40	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(135.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



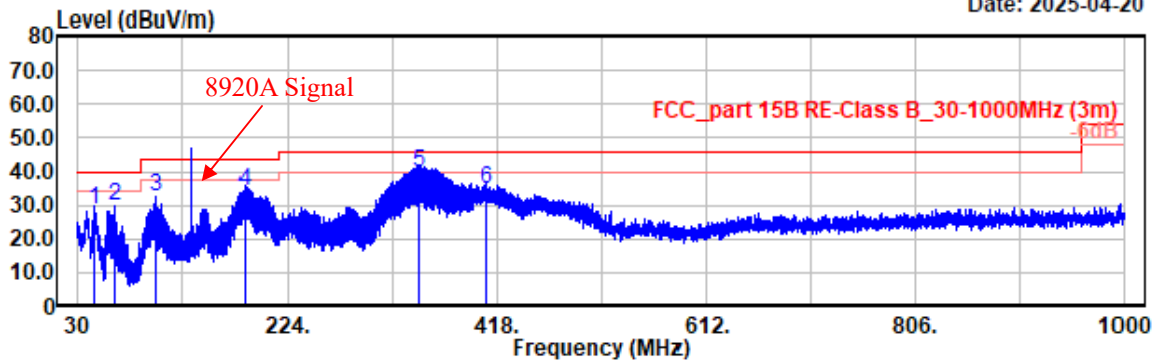
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
64.82	40.24	-17.27	22.97	40.00	17.03	Horizontal	Peak
201.59	44.31	-11.83	32.48	43.50	11.02	Horizontal	Peak
287.34	42.09	-9.25	32.84	46.00	13.16	Horizontal	Peak
332.16	42.72	-8.51	34.21	46.00	11.79	Horizontal	Peak
363.29	42.72	-7.59	35.13	46.00	10.87	Horizontal	QP
401.22	39.19	-6.32	32.87	46.00	13.13	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(135.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

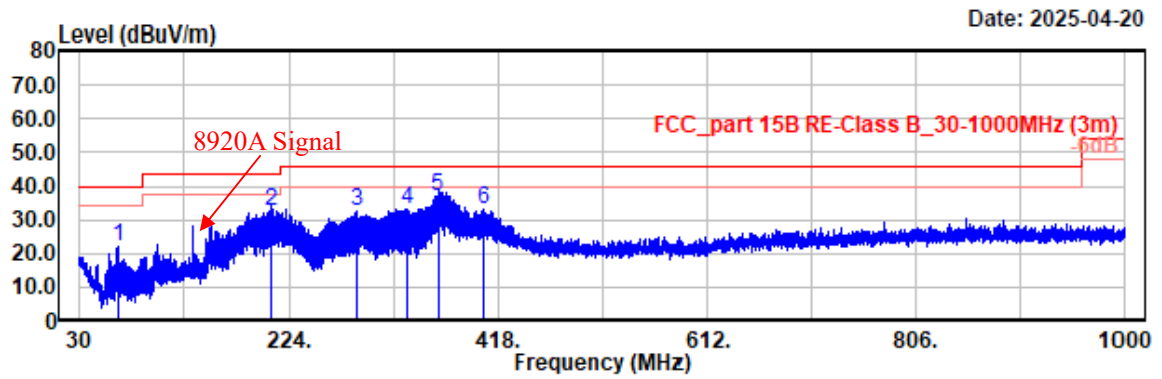


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.91	44.48	-15.71	28.77	40.00	11.23	Vertical	QP
64.82	46.99	-17.27	29.72	40.00	10.28	Vertical	Peak
102.75	46.38	-14.07	32.31	43.50	11.19	Vertical	Peak
184.52	46.45	-12.51	33.94	43.50	9.56	Vertical	QP
346.12	48.16	-8.19	39.97	46.00	6.03	Vertical	QP
408.11	40.89	-6.07	34.82	46.00	11.18	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(136.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

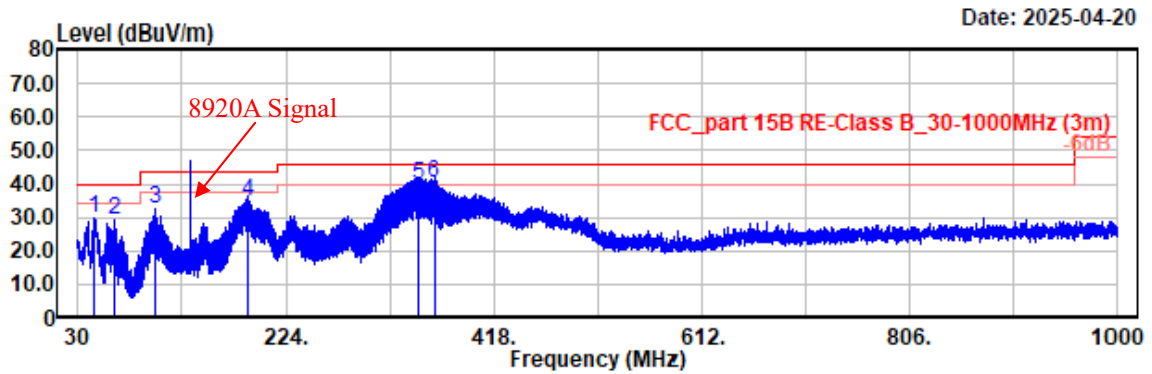


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
65.79	39.28	-17.32	21.96	40.00	18.04	Horizontal	Peak
206.54	44.78	-12.23	32.55	43.50	10.95	Horizontal	QP
287.44	41.72	-9.25	32.47	46.00	13.53	Horizontal	Peak
333.32	41.83	-8.47	33.36	46.00	12.64	Horizontal	Peak
362.23	44.47	-7.65	36.82	46.00	9.18	Horizontal	QP
404.13	39.23	-6.13	33.10	46.00	12.90	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(136.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



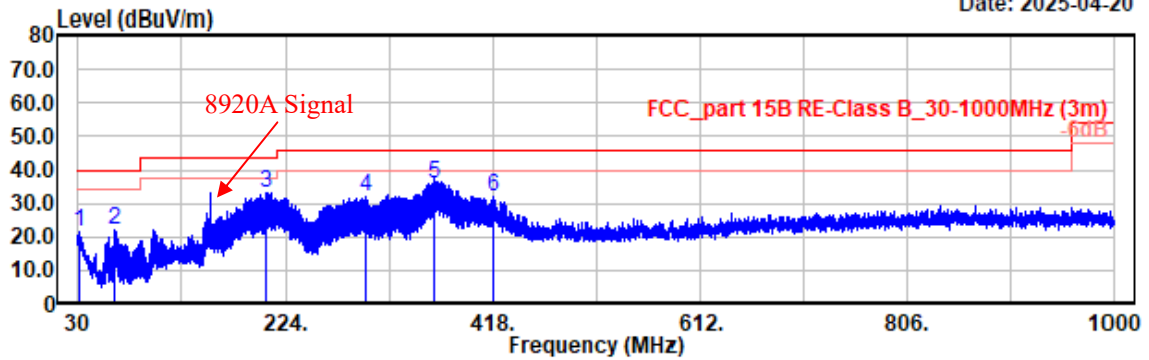
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	45.23	-15.66	29.57	40.00	10.43	Vertical	Peak
64.82	46.48	-17.27	29.21	40.00	10.79	Vertical	Peak
102.75	46.46	-14.07	32.39	43.50	11.11	Vertical	Peak
187.63	47.30	-12.38	34.92	43.50	8.58	Vertical	QP
348.26	48.01	-8.09	39.92	46.00	6.08	Vertical	QP
362.23	47.74	-7.65	40.09	46.00	5.91	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(155MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



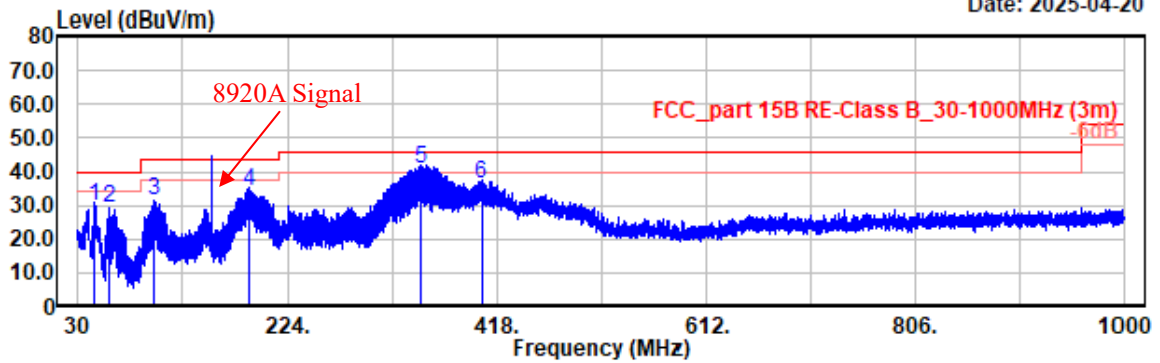
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.04	27.82	-6.42	21.40	40.00	18.60	Horizontal	Peak
64.82	39.59	-17.27	22.32	40.00	17.68	Horizontal	Peak
204.50	45.18	-12.04	33.14	43.50	10.36	Horizontal	Peak
298.21	41.17	-9.22	31.95	46.00	14.05	Horizontal	Peak
363.10	43.49	-7.60	35.89	46.00	10.11	Horizontal	QP
418.00	37.69	-5.71	31.98	46.00	14.02	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(155MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



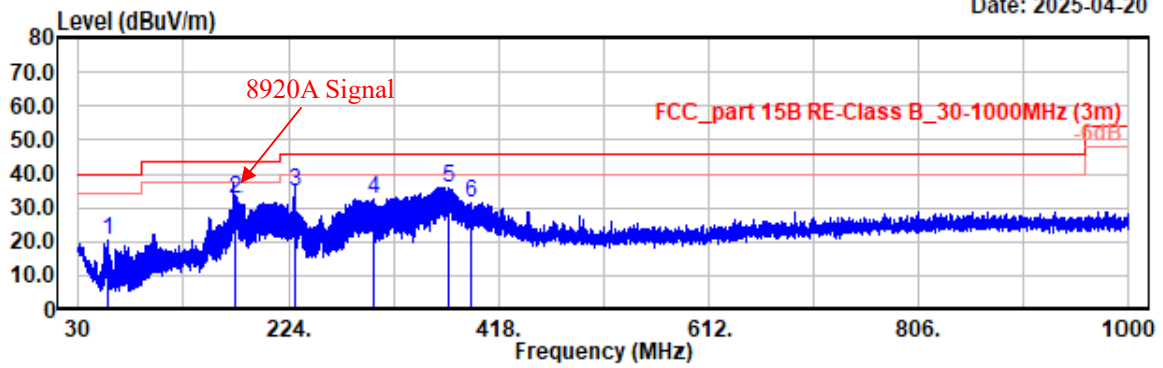
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.91	45.23	-15.71	29.52	40.00	10.48	Vertical	QP
58.81	46.99	-17.60	29.39	40.00	10.61	Vertical	Peak
101.68	45.88	-14.47	31.41	43.50	12.09	Vertical	Peak
187.53	46.66	-12.37	34.29	43.50	9.21	Vertical	QP
347.09	48.80	-8.15	40.65	46.00	5.35	Vertical	QP
403.94	42.60	-6.14	36.46	46.00	9.54	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(173.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



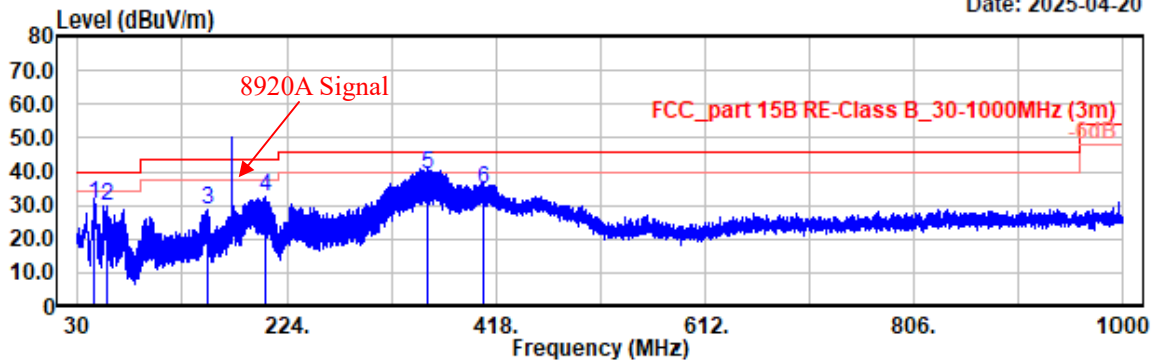
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
56.77	37.88	-17.68	20.20	40.00	19.80	Horizontal	Peak
175.60	44.68	-12.11	32.57	43.50	10.93	Horizontal	QP
228.85	47.23	-12.25	34.98	46.00	11.02	Horizontal	QP
302.18	41.57	-9.16	32.41	46.00	13.59	Horizontal	Peak
371.15	43.34	-7.35	35.99	46.00	10.01	Horizontal	Peak
393.17	38.06	-6.63	31.43	46.00	14.57	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(173.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C /57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

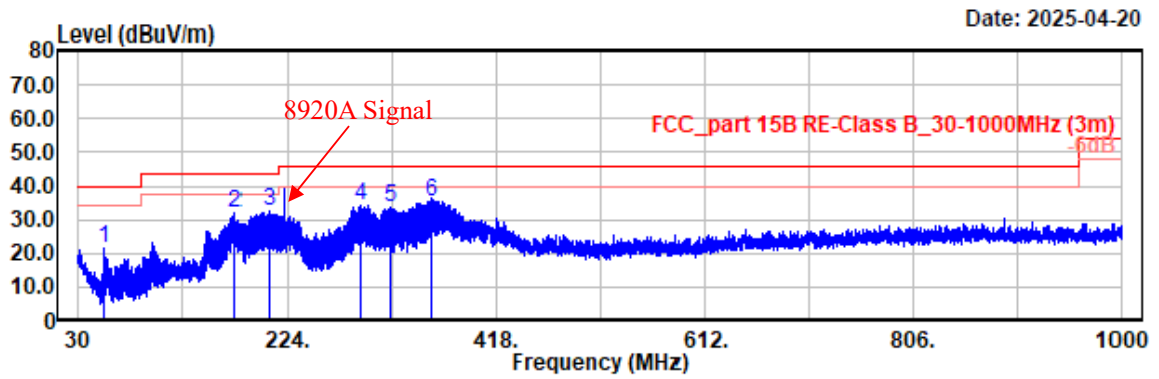


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	45.80	-15.66	30.14	40.00	9.86	Vertical	QP
56.77	47.66	-17.68	29.98	40.00	10.02	Vertical	Peak
150.57	39.77	-11.17	28.60	43.50	14.90	Vertical	Peak
203.44	44.34	-11.96	32.38	43.50	11.12	Vertical	Peak
355.24	47.14	-7.97	39.17	46.00	6.83	Vertical	QP
405.97	40.90	-6.07	34.83	46.00	11.17	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(220.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



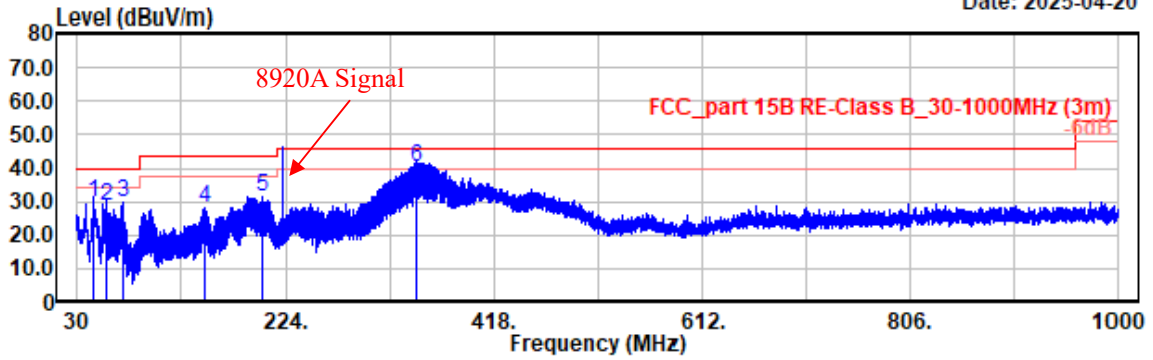
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.83	39.19	-17.81	21.38	40.00	18.62	Horizontal	Peak
175.60	44.36	-12.11	32.25	43.50	11.25	Horizontal	Peak
206.44	44.78	-12.22	32.56	43.50	10.94	Horizontal	Peak
292.29	43.26	-9.27	33.99	46.00	12.01	Horizontal	Peak
320.22	42.66	-8.76	33.90	46.00	12.10	Horizontal	Peak
358.15	42.88	-7.83	35.05	46.00	10.95	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(220.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



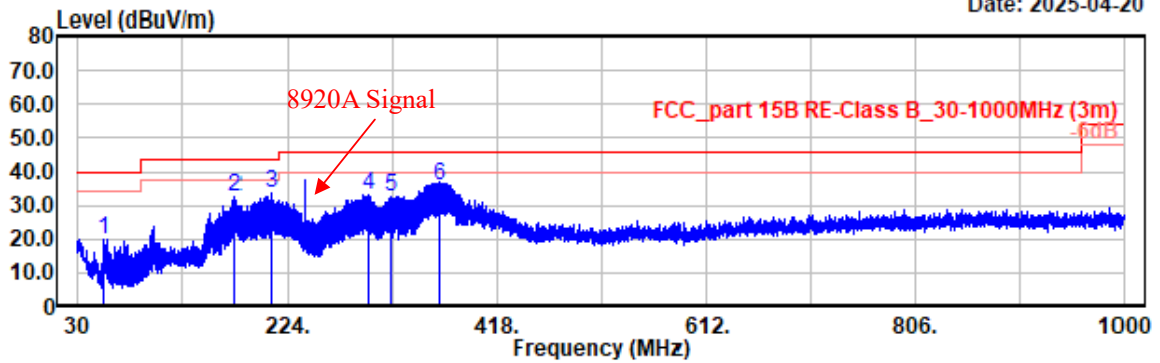
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.71	45.32	-15.60	29.72	40.00	10.28	Vertical	QP
56.87	46.19	-17.67	28.52	40.00	11.48	Vertical	QP
72.78	46.63	-17.03	29.60	40.00	10.40	Vertical	Peak
149.50	39.46	-11.23	28.23	43.50	15.27	Vertical	Peak
201.40	43.48	-11.81	31.67	43.50	11.83	Vertical	Peak
346.32	48.51	-8.18	40.33	46.00	5.67	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(240MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



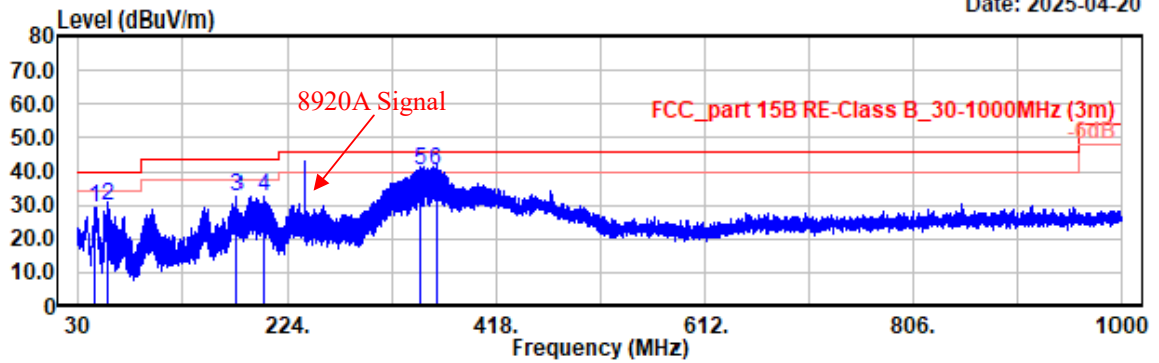
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.83	37.81	-17.81	20.00	40.00	20.00	Horizontal	Peak
175.60	44.87	-12.11	32.76	43.50	10.74	Horizontal	Peak
208.48	45.97	-12.46	33.51	43.50	9.99	Horizontal	QP
298.21	42.12	-9.22	32.90	46.00	13.10	Horizontal	Peak
319.25	41.58	-8.78	32.80	46.00	13.20	Horizontal	Peak
365.14	43.24	-7.51	35.73	46.00	10.27	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(240MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C /57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



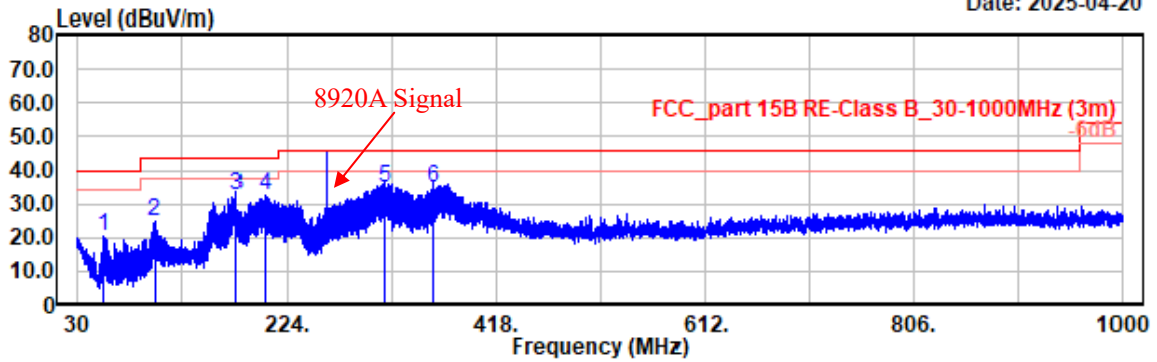
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.52	44.73	-15.48	29.25	40.00	10.75	Vertical	Peak
56.77	47.35	-17.68	29.67	40.00	10.33	Vertical	QP
177.44	44.65	-12.19	32.46	43.50	11.04	Vertical	Peak
201.50	44.40	-11.82	32.58	43.50	10.92	Vertical	Peak
348.16	48.16	-8.09	40.07	46.00	5.93	Vertical	QP
362.23	47.89	-7.65	40.24	46.00	5.76	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(259.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



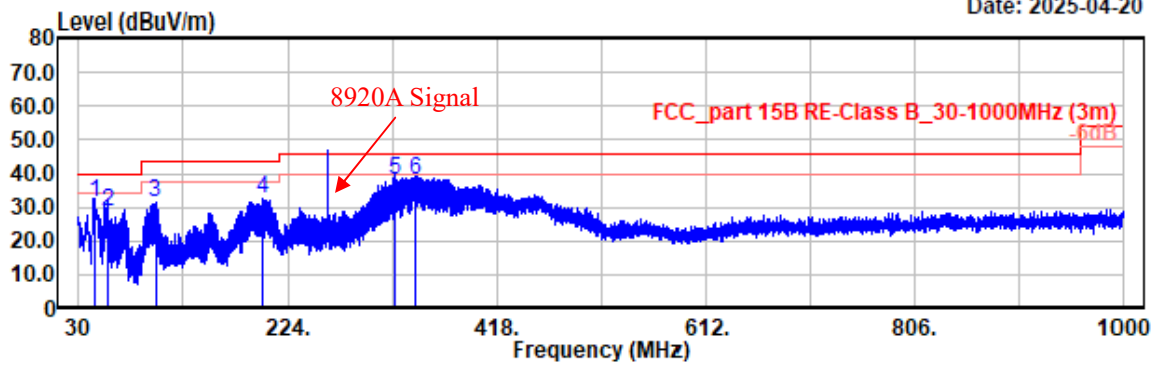
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBUV	Factor dB/m	Result dBUV/m	Limit dBUV/m	Margin dB	Polarity	Remark
54.83	38.39	-17.81	20.58	40.00	19.42	Horizontal	Peak
101.78	39.19	-14.44	24.75	43.50	18.75	Horizontal	Peak
176.66	44.53	-12.17	32.36	43.50	11.14	Horizontal	QP
202.56	44.47	-11.90	32.57	43.50	10.93	Horizontal	Peak
314.40	43.75	-8.91	34.84	46.00	11.16	Horizontal	QP
359.32	42.78	-7.78	35.00	46.00	11.00	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(259.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



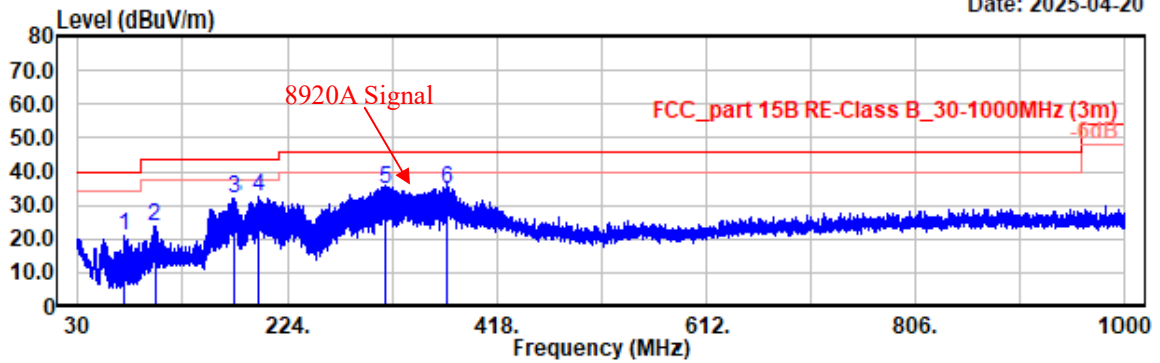
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
44.94	46.78	-15.14	31.64	40.00	8.36	Vertical	QP
56.77	46.42	-17.68	28.74	40.00	11.26	Vertical	QP
101.78	46.01	-14.44	31.57	43.50	11.93	Vertical	Peak
199.56	43.99	-11.67	32.32	43.50	11.18	Vertical	Peak
323.23	47.00	-8.69	38.31	46.00	7.69	Vertical	QP
342.15	46.16	-8.31	37.85	46.00	8.15	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(350.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

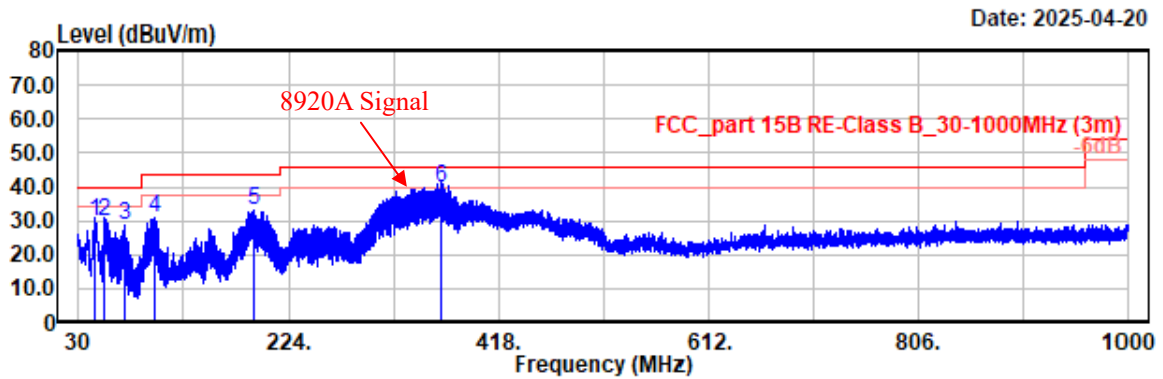


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
73.75	38.31	-17.16	21.15	40.00	18.85	Horizontal	Peak
101.78	38.36	-14.44	23.92	43.50	19.58	Horizontal	Peak
175.60	44.36	-12.11	32.25	43.50	11.25	Horizontal	Peak
196.55	44.46	-11.83	32.63	43.50	10.87	Horizontal	Peak
315.18	43.59	-8.89	34.70	46.00	11.30	Horizontal	QP
371.15	42.24	-7.35	34.89	46.00	11.11	Horizontal	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 4(350.0125MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)



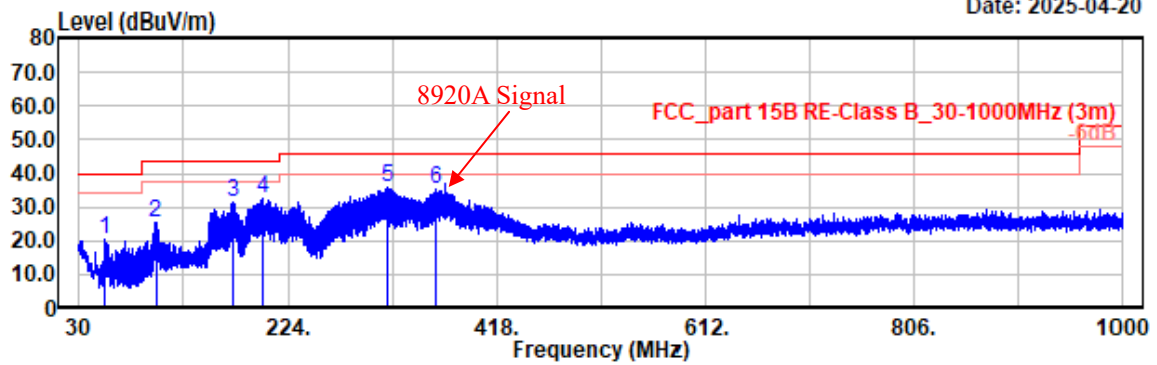
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.91	45.44	-15.71	29.73	40.00	10.27	Vertical	QP
54.83	47.57	-17.81	29.76	40.00	10.24	Vertical	QP
73.84	45.87	-17.18	28.69	40.00	11.31	Vertical	Peak
101.68	45.40	-14.47	30.93	43.50	12.57	Vertical	Peak
191.41	45.13	-12.17	32.96	43.50	10.54	Vertical	Peak
364.17	47.49	-7.55	39.94	46.00	6.06	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 4(370MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

Date: 2025-04-20



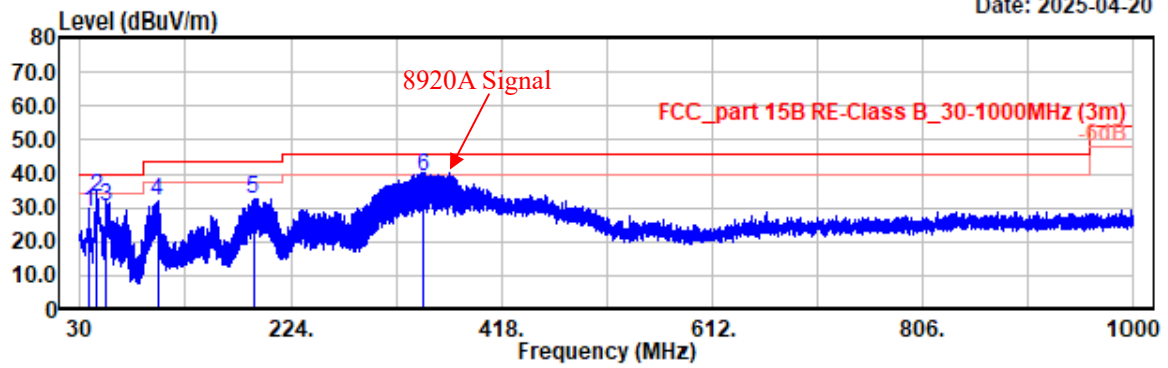
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.83	38.43	-17.81	20.62	40.00	19.38	Horizontal	Peak
101.78	39.91	-14.44	25.47	43.50	18.03	Horizontal	Peak
174.63	43.44	-12.13	31.31	43.50	12.19	Horizontal	Peak
200.53	44.21	-11.75	32.46	43.50	11.04	Horizontal	Peak
316.34	44.53	-8.86	35.67	46.00	10.33	Horizontal	Peak
361.26	42.77	-7.69	35.08	46.00	10.92	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(370MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



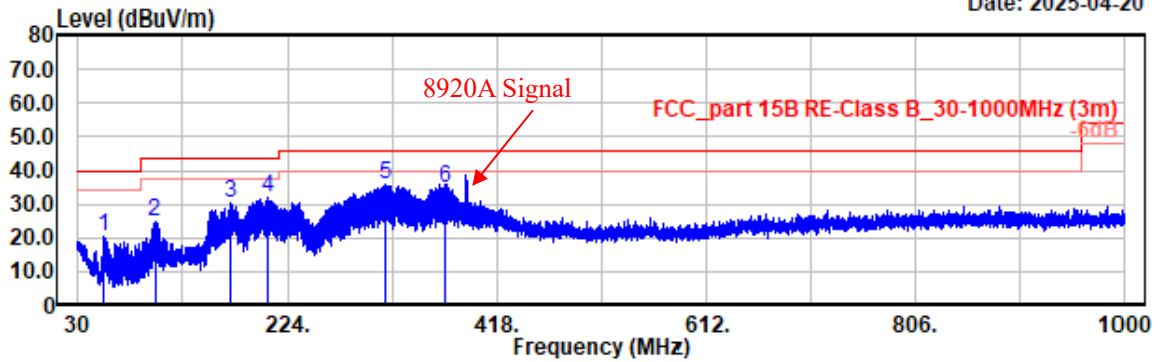
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
38.92	39.47	-10.81	28.66	40.00	11.34	Vertical	QP
45.91	48.63	-15.71	32.92	40.00	7.08	Vertical	QP
54.83	47.90	-17.81	30.09	40.00	9.91	Vertical	QP
101.78	46.27	-14.44	31.83	43.50	11.67	Vertical	Peak
188.60	45.22	-12.40	32.82	43.50	10.68	Vertical	Peak
345.15	47.36	-8.23	39.13	46.00	6.87	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(389.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



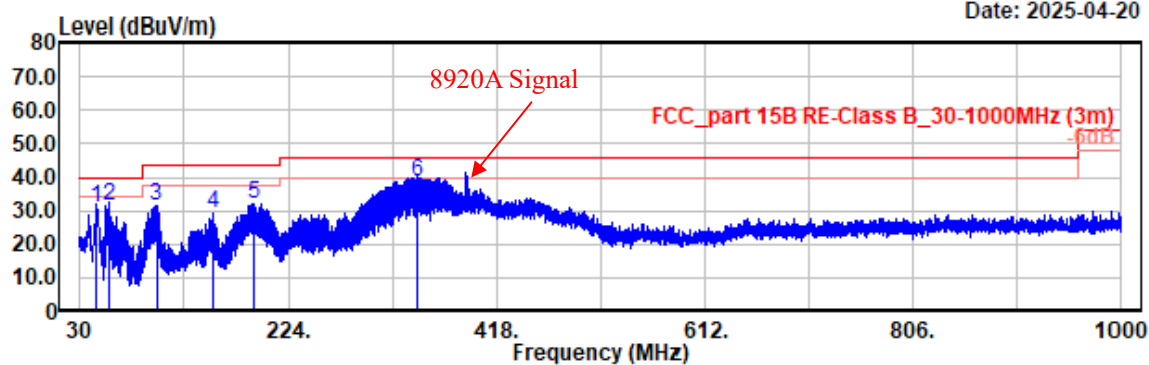
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
54.83	38.30	-17.81	20.49	40.00	19.51	Horizontal	Peak
101.78	39.28	-14.44	24.84	43.50	18.66	Horizontal	Peak
172.59	42.08	-11.94	30.14	43.50	13.36	Horizontal	Peak
205.47	43.89	-12.13	31.76	43.50	11.74	Horizontal	Peak
315.28	44.52	-8.88	35.64	46.00	10.36	Horizontal	Peak
370.18	42.01	-7.38	34.63	46.00	11.37	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(389.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20

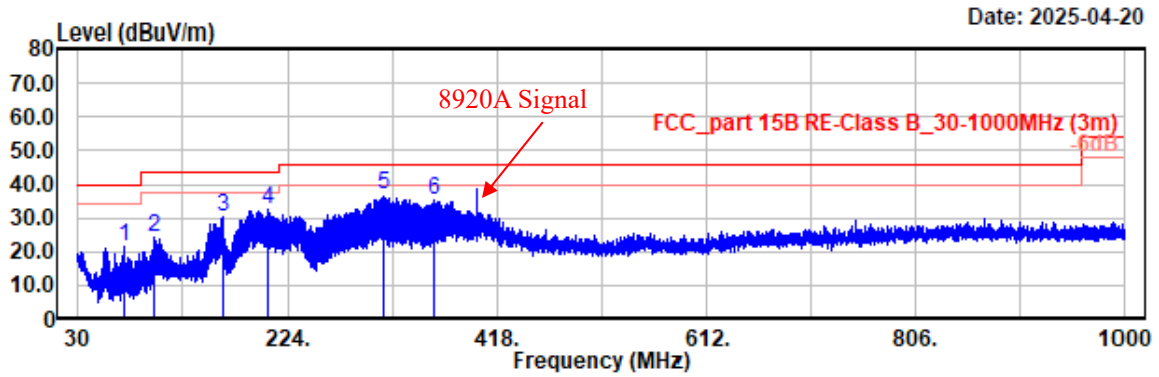


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	46.55	-15.66	30.89	40.00	9.11	Vertical	QP
56.87	49.19	-17.67	31.52	40.00	8.48	Vertical	QP
101.78	46.01	-14.44	31.57	43.50	11.93	Vertical	Peak
154.55	40.34	-11.32	29.02	43.50	14.48	Vertical	Peak
191.51	44.37	-12.17	32.20	43.50	11.30	Vertical	Peak
343.31	46.92	-8.27	38.65	46.00	7.35	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(400.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



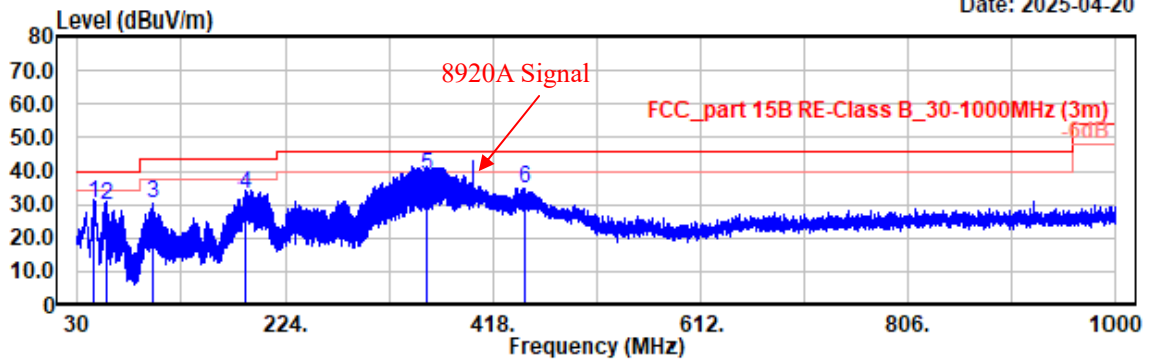
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
73.84	38.94	-17.18	21.76	40.00	18.24	Horizontal	Peak
100.71	38.82	-14.74	24.08	43.50	19.42	Horizontal	Peak
164.73	42.00	-11.60	30.40	43.50	13.10	Horizontal	Peak
205.57	44.51	-12.14	32.37	43.50	11.13	Horizontal	Peak
312.37	45.81	-8.96	36.85	46.00	9.15	Horizontal	QP
359.12	42.87	-7.80	35.07	46.00	10.93	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(400.0125MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



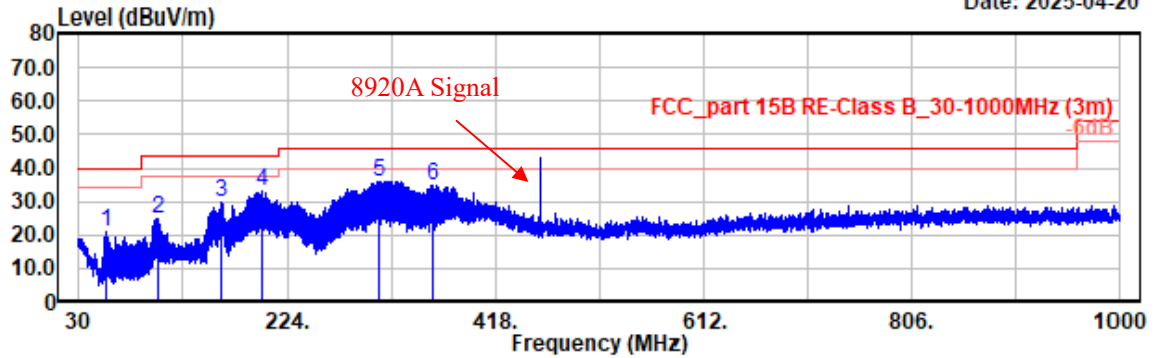
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
44.94	45.34	-15.14	30.20	40.00	9.80	Vertical	QP
57.84	47.40	-17.63	29.77	40.00	10.23	Vertical	QP
100.81	44.90	-14.72	30.18	43.50	13.32	Vertical	Peak
185.59	45.40	-12.51	32.89	43.50	10.61	Vertical	QP
356.31	46.68	-7.92	38.76	46.00	7.24	Vertical	QP
447.97	39.70	-4.94	34.76	46.00	11.24	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(460MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-04-20



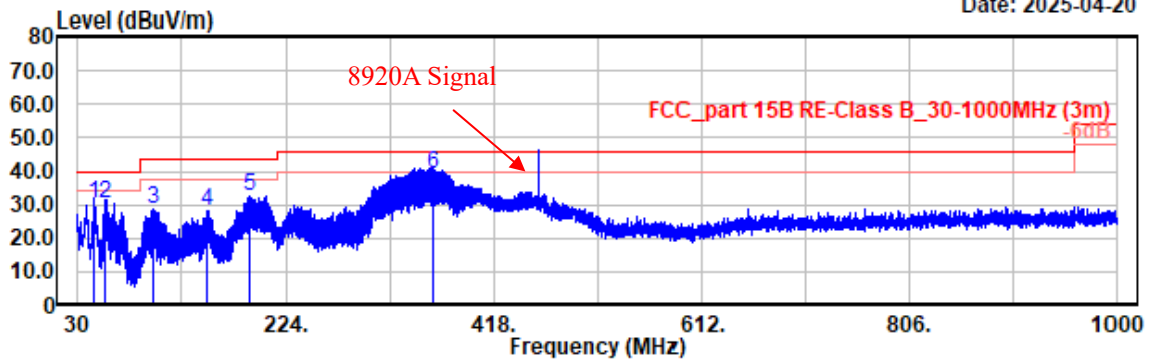
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
55.90	38.76	-17.78	20.98	40.00	19.02	Horizontal	Peak
103.72	38.61	-13.83	24.78	43.50	18.72	Horizontal	Peak
163.57	41.20	-11.57	29.63	43.50	13.87	Horizontal	Peak
200.53	44.63	-11.75	32.88	43.50	10.62	Horizontal	Peak
309.36	45.02	-9.03	35.99	46.00	10.01	Horizontal	Peak
360.29	42.71	-7.74	34.97	46.00	11.03	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 4(460MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

Date: 2025-04-20



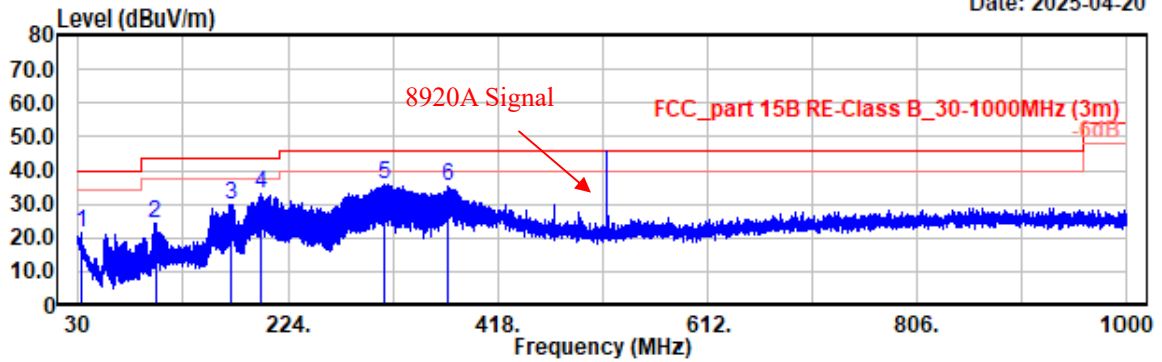
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.71	46.19	-15.60	30.59	40.00	9.41	Vertical	QP
55.80	47.92	-17.79	30.13	40.00	9.87	Vertical	QP
100.71	43.65	-14.74	28.91	43.50	14.59	Vertical	Peak
151.64	39.59	-11.18	28.41	43.50	15.09	Vertical	Peak
189.47	45.13	-12.34	32.79	43.50	10.71	Vertical	Peak
361.06	47.09	-7.70	39.39	46.00	6.61	Vertical	QP

Project No.: 2507S12882E-EM
Test Mode: Mode 4(519.9875MHz)
EUT Model: UV-98PLUS
Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 8.7V from charger
(AC 120V/60Hz)

Date: 2025-04-20

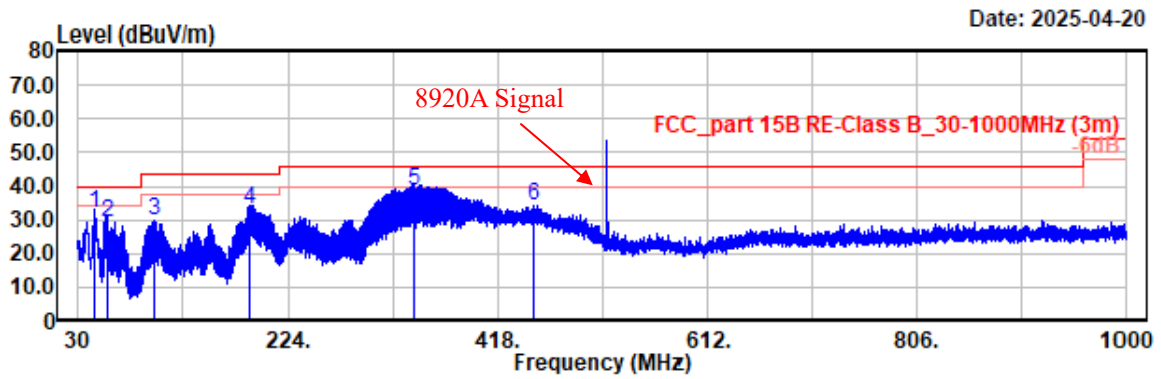


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
32.52	28.07	-6.68	21.39	40.00	18.61	Horizontal	Peak
101.78	38.93	-14.44	24.49	43.50	19.01	Horizontal	Peak
172.59	41.95	-11.94	30.01	43.50	13.49	Horizontal	Peak
198.49	45.03	-11.68	33.35	43.50	10.15	Horizontal	Peak
313.14	44.81	-8.94	35.87	46.00	10.13	Horizontal	Peak
371.05	42.56	-7.35	35.21	46.00	10.79	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(519.9875MHz)
 EUT Model: UV-98PLUS
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/57%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



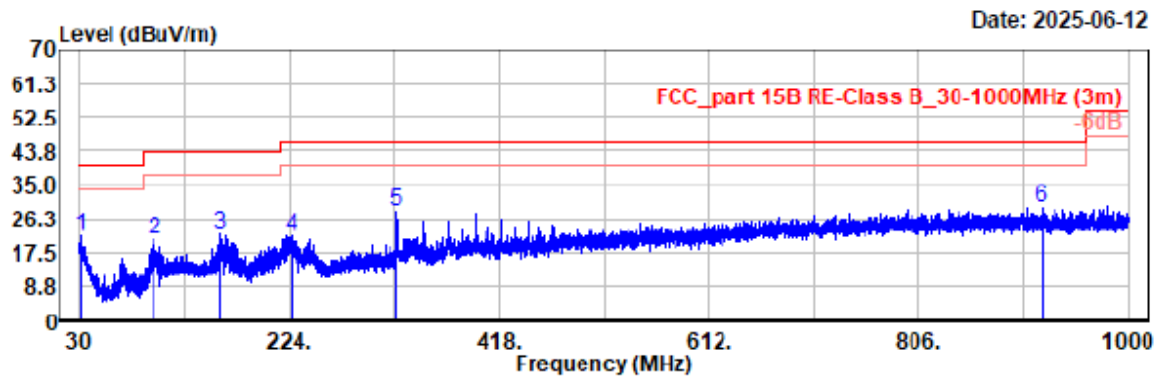
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
45.81	47.79	-15.66	32.13	40.00	7.87	Vertical	QP
57.84	46.72	-17.63	29.09	40.00	10.91	Vertical	QP
100.71	44.52	-14.74	29.78	43.50	13.72	Vertical	Peak
188.50	45.40	-12.40	33.00	43.50	10.50	Vertical	QP
340.40	47.09	-8.35	38.74	46.00	7.26	Vertical	QP
451.08	39.16	-4.88	34.28	46.00	11.72	Vertical	Peak

Test Model: CP-998(Worst case)

Project No.: 2507S12882E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: CP-998
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

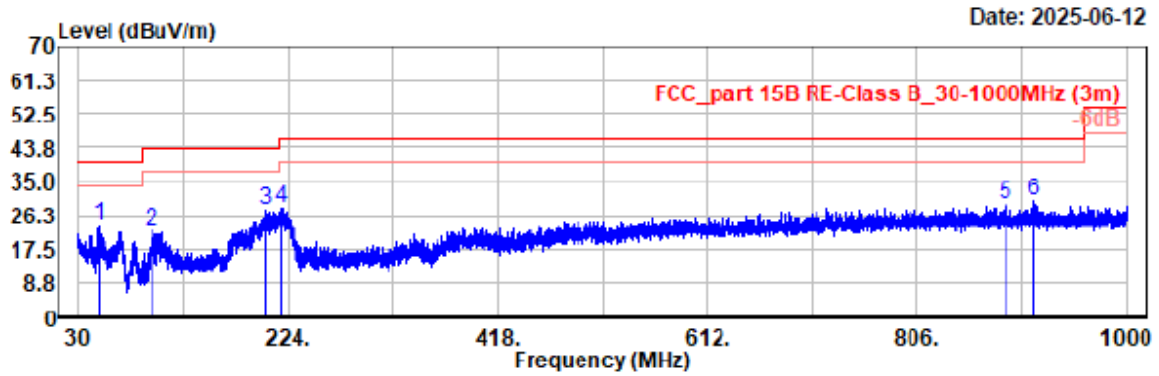


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
31.36	27.60	-6.04	21.56	40.00	18.44	Horizontal	Peak
98.39	36.39	-15.42	20.97	43.50	22.53	Horizontal	Peak
160.66	33.76	-11.51	22.25	43.50	21.25	Horizontal	Peak
225.26	34.11	-12.49	21.62	46.00	24.38	Horizontal	Peak
323.91	36.80	-8.67	28.13	46.00	17.87	Horizontal	Peak
919.59	26.31	2.72	29.03	46.00	16.97	Horizontal	Peak

Project No.: 2507S12882E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: CP-998
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

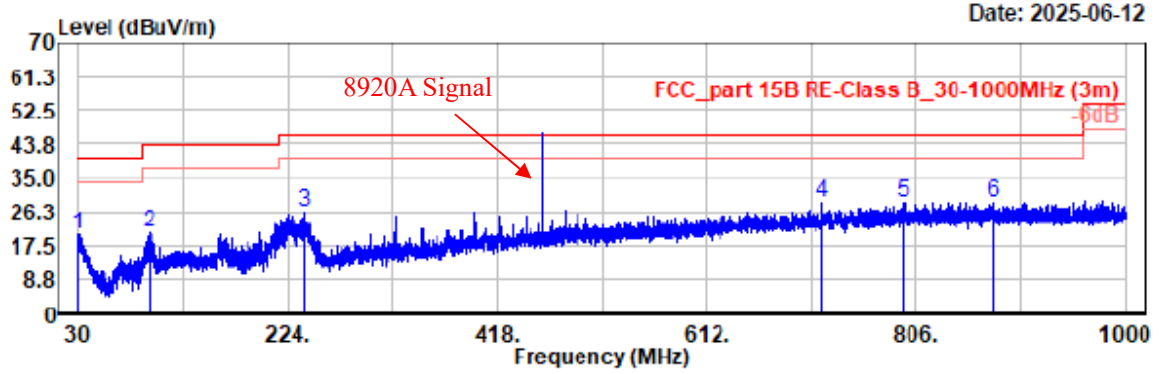


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
48.04	40.54	-16.87	23.67	40.00	16.33	Vertical	Peak
98.00	37.88	-15.50	22.38	43.50	21.12	Vertical	Peak
203.63	39.34	-11.97	27.37	43.50	16.13	Vertical	Peak
217.70	40.88	-12.67	28.21	46.00	17.79	Vertical	Peak
887.00	26.69	2.42	29.11	46.00	16.89	Vertical	Peak
914.35	27.02	2.70	29.72	46.00	16.28	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(460MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

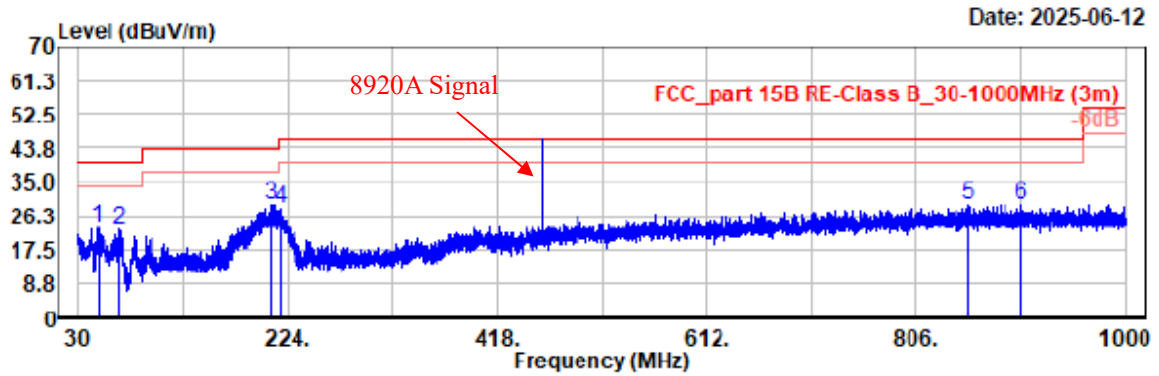


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.00	26.10	-5.60	20.50	40.00	19.50	Horizontal	Peak
94.89	37.11	-16.36	20.75	43.50	22.75	Horizontal	Peak
240.10	37.95	-11.69	26.26	46.00	19.74	Horizontal	Peak
719.48	28.31	0.03	28.34	46.00	17.66	Horizontal	Peak
794.46	27.17	1.22	28.39	46.00	17.61	Horizontal	Peak
876.81	26.40	2.29	28.69	46.00	17.31	Horizontal	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(460MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

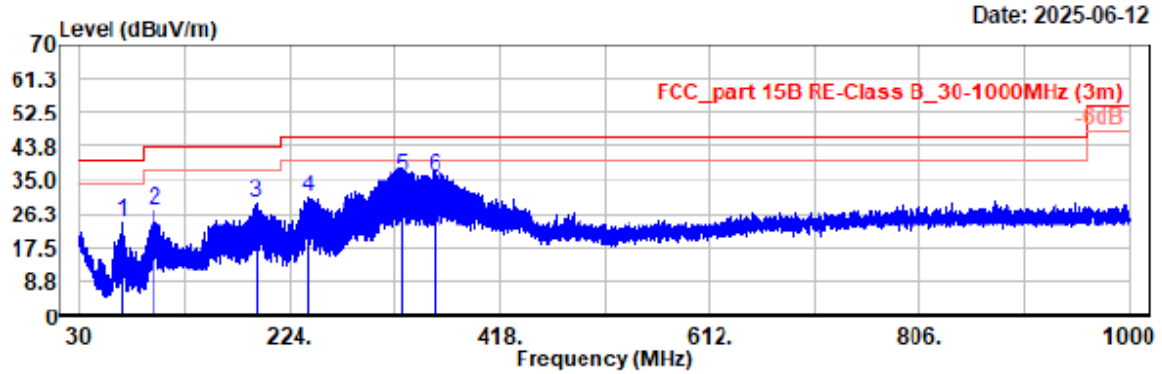


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
47.95	39.89	-16.82	23.07	40.00	16.93	Vertical	Peak
68.70	39.61	-17.16	22.45	40.00	17.55	Vertical	Peak
208.87	41.40	-12.50	28.90	43.50	14.60	Vertical	Peak
216.63	40.67	-12.68	27.99	46.00	18.01	Vertical	Peak
854.60	26.80	1.96	28.76	46.00	17.24	Vertical	Peak
903.68	26.39	2.55	28.94	46.00	17.06	Vertical	Peak

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(400-520MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



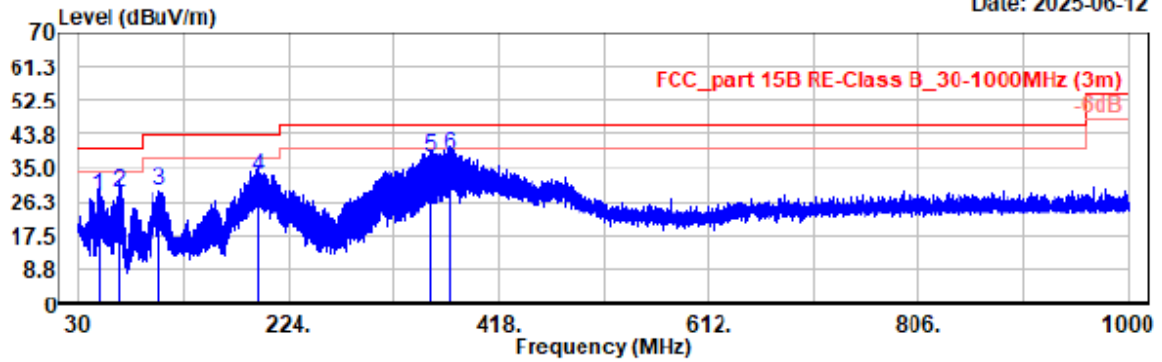
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
68.90	41.24	-17.18	24.06	40.00	15.94	Horizontal	Peak
99.94	41.92	-14.91	27.01	43.50	16.49	Horizontal	Peak
193.83	41.02	-12.08	28.94	43.50	14.56	Horizontal	Peak
241.75	42.02	-11.61	30.41	46.00	15.59	Horizontal	Peak
327.69	44.46	-8.63	35.83	46.00	10.17	Horizontal	QP
358.64	43.77	-7.81	35.96	46.00	10.04	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 3(400-520MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

Date: 2025-06-12

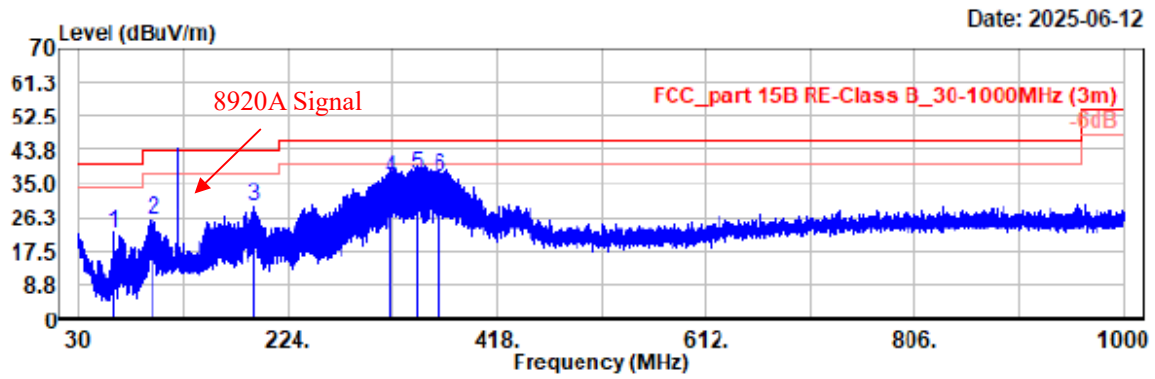


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
47.95	44.31	-16.82	27.49	40.00	12.51	Vertical	QP
67.83	45.38	-17.10	28.28	40.00	11.72	Vertical	QP
104.79	42.43	-13.45	28.98	43.50	14.52	Vertical	Peak
195.68	44.87	-11.95	32.92	43.50	10.58	Vertical	QP
354.56	45.65	-7.98	37.67	46.00	8.33	Vertical	QP
373.48	45.61	-7.29	38.32	46.00	7.68	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(122MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)

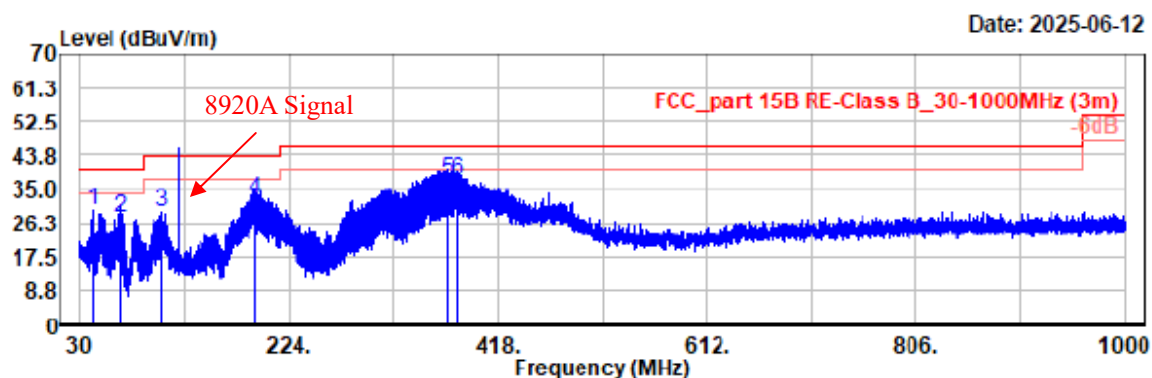


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
62.98	39.39	-17.36	22.03	40.00	17.97	Horizontal	Peak
98.97	40.92	-15.30	25.62	43.50	17.88	Horizontal	Peak
193.74	41.13	-12.10	29.03	43.50	14.47	Horizontal	Peak
319.64	45.12	-8.78	36.34	46.00	9.66	Horizontal	QP
344.57	45.22	-8.25	36.97	46.00	9.03	Horizontal	QP
364.55	44.14	-7.53	36.61	46.00	9.39	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 4(122MHz)
 EUT Model: CP-998
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 8.7V from charger
 (AC 120V/60Hz)



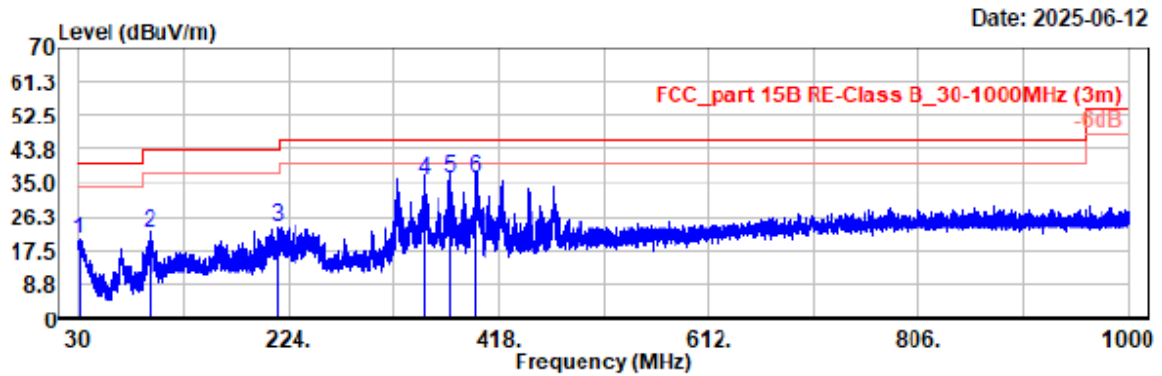
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
41.93	42.72	-13.05	29.67	40.00	10.33	Vertical	Peak
67.93	44.56	-17.10	27.46	40.00	12.54	Vertical	QP
106.82	41.71	-12.78	28.93	43.50	14.57	Vertical	Peak
193.64	44.62	-12.11	32.51	43.50	10.99	Vertical	QP
371.44	44.52	-7.34	37.18	46.00	8.82	Vertical	QP
380.36	44.36	-7.11	37.25	46.00	8.75	Vertical	QP

Test Model: CP-998Plus(Worst case)

Project No.: 2507S12882E-EM
Test Mode: Mode 1(136-174MHz)
EUT Model: CP-998Plus
Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
Tested by: Apollo Luo
Power Source: DC 5V from adapter
(AC 120V/60Hz)

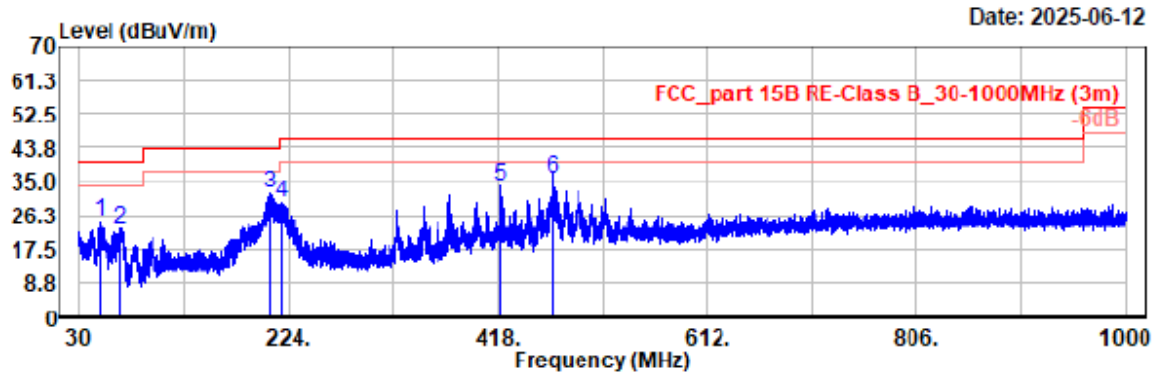


Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.58	26.03	-5.74	20.29	40.00	19.71	Horizontal	Peak
96.45	38.04	-15.94	22.10	43.50	21.40	Horizontal	Peak
213.23	36.10	-12.66	23.44	43.50	20.06	Horizontal	Peak
349.32	43.70	-8.04	35.66	46.00	10.34	Horizontal	QP
373.48	43.57	-7.29	36.28	46.00	9.72	Horizontal	QP
396.85	42.84	-6.54	36.30	46.00	9.70	Horizontal	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 1(136-174MHz)
 EUT Model: CP-998Plus
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)



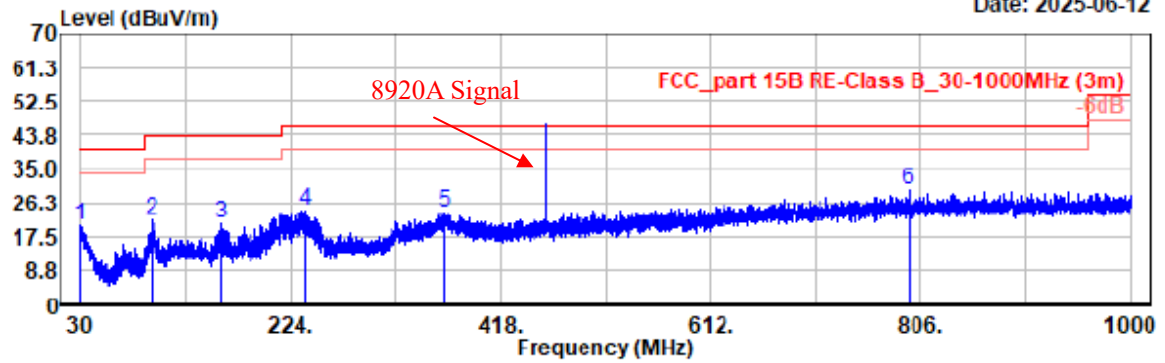
Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
48.33	41.69	-16.98	24.71	40.00	15.29	Vertical	Peak
68.22	40.04	-17.12	22.92	40.00	17.08	Vertical	Peak
207.51	44.11	-12.35	31.76	43.50	11.74	Vertical	Peak
216.82	42.09	-12.68	29.41	46.00	16.59	Vertical	Peak
421.01	39.52	-5.61	33.91	46.00	12.09	Vertical	Peak
469.22	39.80	-4.22	35.58	46.00	10.42	Vertical	QP

Project No.: 2507S12882E-EM
 Test Mode: Mode 2(460MHz)
 EUT Model: CP-998Plus
 Test distance: 3m

Temp/Humi/ATM: 22.1°C/58%/100.1kPa
 Tested by: Apollo Luo
 Power Source: DC 5V from adapter
 (AC 120V/60Hz)

Date: 2025-06-12



Condition: PK RBW:100kHz VBW:300kHz SWT:auto

Freq MHz	Reading dBuV	Factor dB/m	Result dBuV/m	Limit dBuV/m	Margin dB	Polarity	Remark
30.39	26.13	-5.70	20.43	40.00	19.57	Horizontal	Peak
96.25	37.53	-16.02	21.51	43.50	21.99	Horizontal	Peak
160.56	32.13	-11.50	20.63	43.50	22.87	Horizontal	Peak
238.55	35.85	-11.79	24.06	46.00	21.94	Horizontal	Peak
366.59	31.17	-7.47	23.70	46.00	22.30	Horizontal	Peak
794.55	27.99	1.22	29.21	46.00	16.79	Horizontal	Peak