

TEST REPORT

Applicant Name: Congress Network Corporation
Address(FCC): 7235 NW 19th CT, Hollywood, Florida 33024, United States
Address(IC): 7235 NW 19th CT Hollywood FL 33024 United States Of America
(Excluding The States Of Alaska)
Report Number: 2504Y13176E-RFA
FCC ID: 2ABY4T500CLOUD
IC: 11832A-T500CLOUD

Test Standard (s)

FCC PART 15.237
RSS-GEN ISSUE 5, FEBRUARY 2021 AMENDMENT 2
RSS-210 ISSUE 11, JUNE 25, 2024

Sample Description

Product Name: T500 CLOUD FM Transmitter
Model No.: T500-CLOUD
Trade Mark: 
Date Received: 2025-10-16
Report Date: 2025-12-01

Test Result:	The EUT complied with the standards above.
--------------	--

Prepared and Checked By:

Amanda Wei

Amanda Wei
EMC Engineer

Approved By:

Bob. Liao

Bob.Liao
EMC Engineer

Note: This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the Federal Government. The information marked “#” is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report. Customer model name, addresses, names, trademarks etc. are included but no need marked.

This report cannot be reproduced except in full, without prior written approval of the Company. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This report is valid only with a valid digital signature. The digital signature may be available only under the Adobe software above version 7.0. This report may contain data that are not covered by the accreditation scope and shall be marked with ▲. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, or any agency of the U.S. Government. Each test item follows the test standard(s) without deviation.

Shenzhen Accurate Technology Co., Ltd.

Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Tel: +86 755-26503290

Web: www.atc-lab.com

TABLE OF CONTENTS

DOCUMENT REVISION HISTORY..... 3

GENERAL INFORMATION..... 4

 PRODUCT DESCRIPTION FOR EQUIPMENT UNDER TEST (EUT) 4

 OBJECTIVE 4

 TEST METHODOLOGY 4

 TEST FACILITY 5

SYSTEM TEST CONFIGURATION 6

 DESCRIPTION OF TEST CONFIGURATION..... 6

 EQUIPMENT MODIFICATIONS..... 6

 SUPPORT EQUIPMENT LIST AND DETAILS 6

 EXTERNAL I/O CABLE..... 6

 BLOCK DIAGRAM OF TEST SETUP 7

SUMMARY OF TEST RESULTS 8

TEST EQUIPMENT LIST 9

ANTENNA REQUIREMENT..... 10

 APPLICABLE STANDARD..... 10

 ANTENNA CONNECTOR CONSTRUCTION 10

AC LINE CONDUCTED EMISSIONS 11

 APPLICABLE STANDARD..... 11

 EUT SETUP..... 12

 EMI TEST RECEIVER SETUP 12

 TEST PROCEDURE 12

 CALCULATION 13

 TEST DATA 13

RADIATED EMISSIONS 16

 APPLICABLE STANDARD..... 16

 EUT SETUP..... 16

 EMI TEST RECEIVER SETUP..... 17

 TEST PROCEDURE 17

 CALCULATION 18

 TEST DATA 18

20DB EMISSION BANDWIDTH & OCCUPIED BANDWIDTH..... 61

 APPLICABLE STANDARD..... 61

 TEST PROCEDURE 62

 TEST DATA 63

EXHIBIT A-EUT PHOTOGRAPHS 66

EXHIBIT B-TEST SETUP PHOTOGRAPHS 67

DOCUMENT REVISION HISTORY

Revision Number	Report Number	Description of Revision	Date of Revision
Rev.00	2504Y13176E-RFA	Original Report	2025-12-01

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Product Name	T500 CLOUD FM Transmitter
Tested Model	T500-CLOUD
HVIN	T500-CLOUD
FVIN	N/A
Voltage Range [#]	DC 15.0V from Adapter
Adapter Information [#]	Model: WT24-1501000-T Input: 100-240V~ 50/60Hz 1.6A Output: 15.0V ---1.0A 15.0W

Note: The EUT have two antenna connectors. One is top antenna connector for tabletop use; the other is remote antenna connector for rack mounting. Use only one antenna connector at a time.

Frequency Range	FM: 72.0-73.0MHz, 74.6-74.8MHz, 75.2-76.0MHz
Maximum E-Field Strength (Peak)	97.76 dBuV/m@3m
Modulation Technique	FM
Antenna Specification [#]	External Antenna, Antenna gain: 0dBi (It is provided by the applicant.)
Sample Serial Number	3BD3-1 (Assigned by ATC, Shenzhen)
Sample/EUT Status	Good condition

Objective

This type approval report is in accordance with Part 2-Subpart J, and Part 15-Subparts A and C of the Federal Communication Commissions rules. And RSS-210, Issue 11, June 25, 2024 of the Innovation, Science and Economic Development Canada.

The tests were performed in order to determine compliance with FCC Part 15, Subpart C, and section 15.203, 15.207, 15.209 and 15.237 rules, RSS-GEN Issue 5, Feb. 2021 Amendment 2 and RSS-210, Issue 11, June 25, 2024.

Test Methodology

All measurements contained in this report were conducted with ANSI C63.10-2020+Cor. 1-2023+ C63.10a-2024+Errata to C63.10a-2024 ▲, American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices, RSS-GEN Issue 5, Feb. 2021 Amendment 2 and RSS-210, Issue 11, June 25, 2024.

Unless otherwise stated there are no any additions to, deviations, or exclusions from the method.

Test Facility

The test site used by Shenzhen Accurate Technology Co., Ltd. to collect test data is located on the Floor 1, KuMaKe Building, Dongzhou Community, Guangming Street, Guangming District, Shenzhen, Guangdong, China.

Accredited by American Association for Laboratory Accreditation (A2LA). The Certificate Number is 4297.01.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements. The Registration Number is 30241.

Measurement Uncertainty

Parameter		Uncertainty
Occupied Channel Bandwidth		5 %
RF output power, conducted		0.3 dB
Unwanted Emission, conducted		1.2 dB
AC Power Lines Conducted Emissions		2.7 dB
Emissions, Radiated	9kHz - 30MHz	2.1 dB
	30MHz - 1GHz	4.3 dB
Temperature		1 °C
Humidity		7 %
Supply voltages		0.4 %

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

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured in a testing mode which provided by applicant.

Operating Frequency : 72.0-73.0MHz, 74.6-74.8MHz, 75.2-76.0MHz

Bandwidth: Narrowband, Wideband

Frequency List:

Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)	Channel	Freq. (MHz)
1	72.1	6	75.3	11	72.2	16	72.4
2	72.5	7	72.3	12	72.6	17	75.6
3	72.9	8	72.7	13	75.4	/	/
4	75.7	9	75.5	14	75.8	/	/
5	74.7	10	75.9	15	72.8	/	/

For band 72.0-73.0MHz, EUT was tested with Channel 1 and 3.

For band 74.6-74.8MHz, EUT was tested with Channel 5.

For band 75.2-76.0MHz, EUT was tested with Channel 6 and 10.

Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
DELL	Laptop	XXJL-2	FKLWV32
Unknown	MIC	Unknown	Unknown
FIESTA	Headset	Unknown	Unknown
Unknown	Speaker	Unknown	Unknown
GIEC	DVD	BDP-G4308	Unknown

External I/O Cable

Cable Description	Shielding Type	Length (m)	From Port	To
AC Cable	No	1.5	AC Mains	Adapter
DC Cable	No	1.5	Adapter	EUT
USB-C Cable	No	1.0	EUT	Laptop
Audio Cable	No	1.7	EUT	Headset
Audio Cable	No	1.7	EUT	MIC
Audio Cable	No	1.2	EUT	Speaker
Audio Cable*2	No	1.2	EUT	DVD

For Conducted Emission:



SUMMARY OF TEST RESULTS

FCC Rules	ISED Rules	Description of Test	Result
§15.203	RSS-Gen §6.8	Antenna Requirement	Compliance
§15.207(a)	RSS-Gen §8.8	AC Line Conducted Emissions	Compliance
§15.209, §15.237, §15.35	RSS-210 Annex C.1	Radiated Emissions & Outside of Band Emission	Compliance
§15.215(c), §15.237(b)	RSS-Gen §6.7, RSS-210 Annex C.1(a)	20dB Emission Bandwidth & Occupied Bandwidth	Compliance

TEST EQUIPMENT LIST

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Conducted Emissions Test					
Rohde & Schwarz	EMI Test Receiver	ESCI	100784	2025/09/17	2026/09/16
Rohde & Schwarz	L.I.S.N.	ENV216	101314	2025/09/17	2026/09/16
Anritsu Corp	50 Coaxial Switch	MP59B	6100237248	2025/09/18	2026/09/17
Rohde & Schwarz	Pulse Limiter	ESH3-Z2	100312	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.17	N0350	2025/05/30	2026/05/29
Test Software: e3 191218 (V9)					
Radiation Method Test					
Rohde & Schwarz	Test Receiver	ESR	102725	2025/09/18	2026/09/17
SONOMA INSTRUMENT	Amplifier	310N	186131	2025/03/26	2026/03/25
Schwarzbeck	Bilog Antenna	VULB9163	9163-323	2024/08/08	2027/08/07
Unknown	RF Coaxial Cable	No.12	N040	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.13	N300	2025/05/30	2026/05/29
Unknown	RF Coaxial Cable	No.14	N800	2025/05/30	2026/05/29
BACL	LOOP ANTENNA	1313-1A	3110711	2024/01/16	2027/01/15
Test Software: e3 191218 (V9)					
Rohde & Schwarz	Spectrum Analyzer	FSV-40	101590	2025/09/17	2026/09/16
WEINSCHEL	10dB Attenuator	5324	AU 3842	2025/03/26	2026/03/25

* **Statement of Traceability:** Shenzhen Accurate Technology Co., Ltd. attests that all calibrations have been performed in accordance to requirements that traceable to National Primary Standards and International System of Units (SI).

ANTENNA REQUIREMENT

Applicable Standard

According to FCC § 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

According to RSS-Gen §6.8,

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

Antenna Connector Construction

The EUT has two external antenna ports, but only one is active at a time. The EUT and antenna are connected via a unique coupling method, fulfill the requirement of this section. Please refer to the EUT photos

Type	Antenna Gain [#]	Impedance
Monopole	0 dBi	50Ω

Result: Compliance.

AC LINE CONDUCTED EMISSIONS

Applicable Standard

FCC §15.207(a)

According to RSS-GEN §8.8,

Unless stated otherwise in the applicable RSS, for radio apparatus that are designed to be connected to the public utility AC power network, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the range 150 kHz to 30 MHz shall not exceed the limits in table 4, as measured using a 50 μ H / 50 Ω line impedance stabilization network. This requirement applies for the radio frequency voltage measured between each power line and the ground terminal of each AC power-line mains cable of the EUT.

For an EUT that connects to the AC power lines indirectly, through another device, the requirement for compliance with the limits in table 4 shall apply at the terminals of the AC power-line mains cable of a representative support device, while it provides power to the EUT. The lower limit applies at the boundary between the frequency ranges. The device used to power the EUT shall be representative of typical applications.

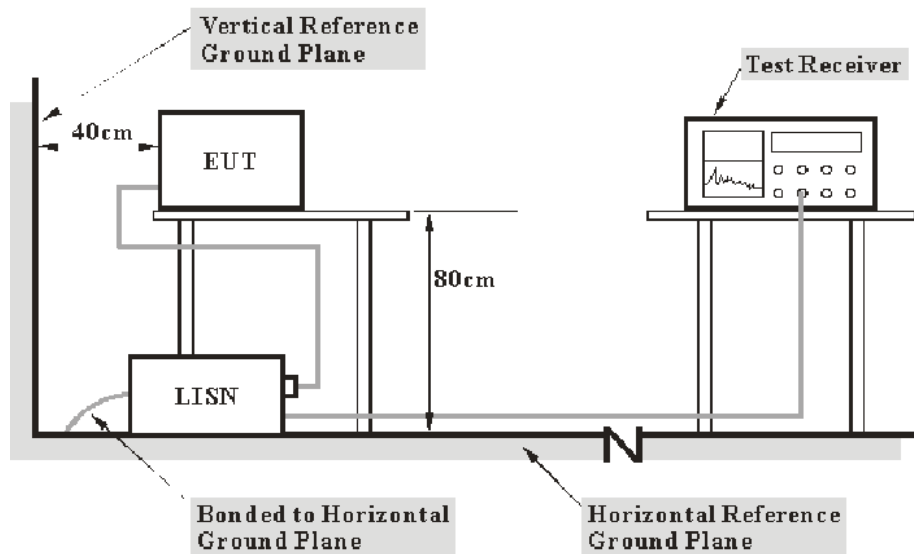
Table 4 - AC Power Lines Conducted Emission Limits		
Frequency range (MHz)	Conducted limit (dB μ V)	
	Quasi-Peak	Average
0.15 – 0.5	66 to 56 ¹	56 to 46 ¹
0.5 – 5	56	46
5 – 30	60	50

Note 1: The level decreases linearly with the logarithm of the frequency.

For an EUT with a permanent or detachable antenna operating between 150 kHz and 30 MHz, the AC power-line conducted emissions must be measured using the following configurations:

- (a) Perform the AC power-line conducted emissions test with the antenna connected to determine compliance with the limits of table 4 outside the transmitter's fundamental emission band.
- (b) Retest with a dummy load instead of the antenna to determine compliance with the limits of table 4 within the transmitter's fundamental emission band. For a detachable antenna, remove the antenna and connect a suitable dummy load to the antenna connector. For a permanent antenna, remove the antenna and terminate the RF output with a dummy load or network that simulates the antenna in the fundamental frequency band.

EUT Setup



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

The measurement procedure of EUT setup is according with ANSI C63.10-2020. The related limit was specified in FCC Part 15.207 and RSS-GEN.

The spacing between the peripherals was 10 cm. The external I/O cables were draped along the test table and formed a bundle 30 to 40 cm long in the middle.

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

During the conducted emission test, the adapter was connected to the outlet of the LISN.

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

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

Calculation

The factor is calculated by adding LISN VDF (Voltage Division Factor) and Cable Loss. The basic equation is as follows:

$$\text{Factor} = \text{LISN VDF} + \text{Cable Loss} + 10\text{dB Attenuation(Limiter)}$$

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

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

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

Test Data

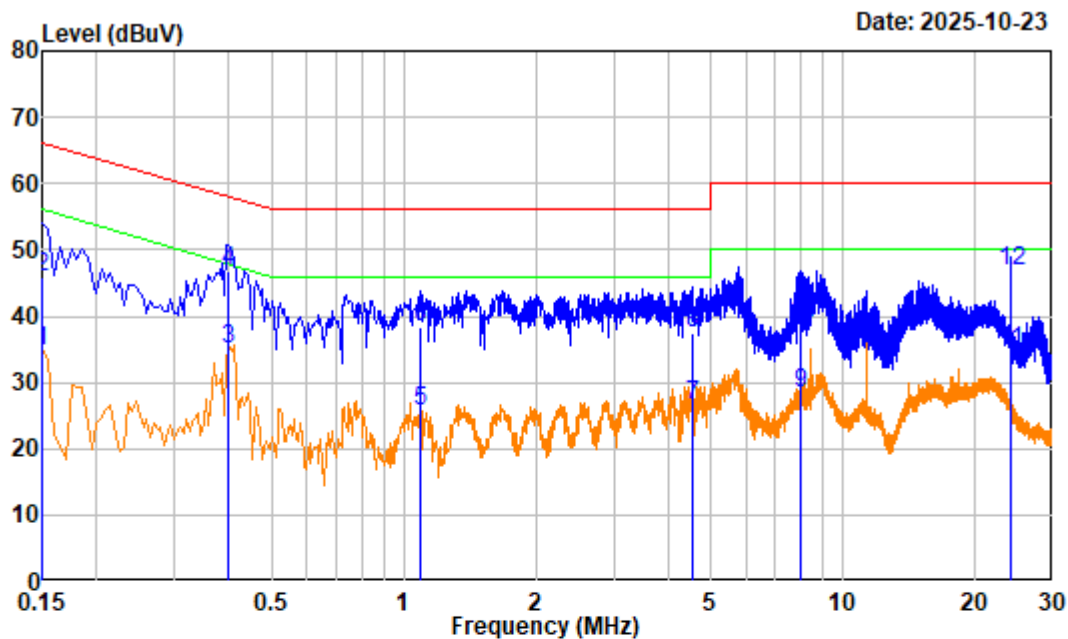
Environmental Conditions

Temperataure:	24.2 °C
Relative Humidity:	41 %
ATM Pressure:	100.7 kPa
Test Engineer:	Jason Fan
Test Date:	2025-10-23
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Note: The maximum E-Field strength channel: Narrowband 72.1MHz low channel was tested.

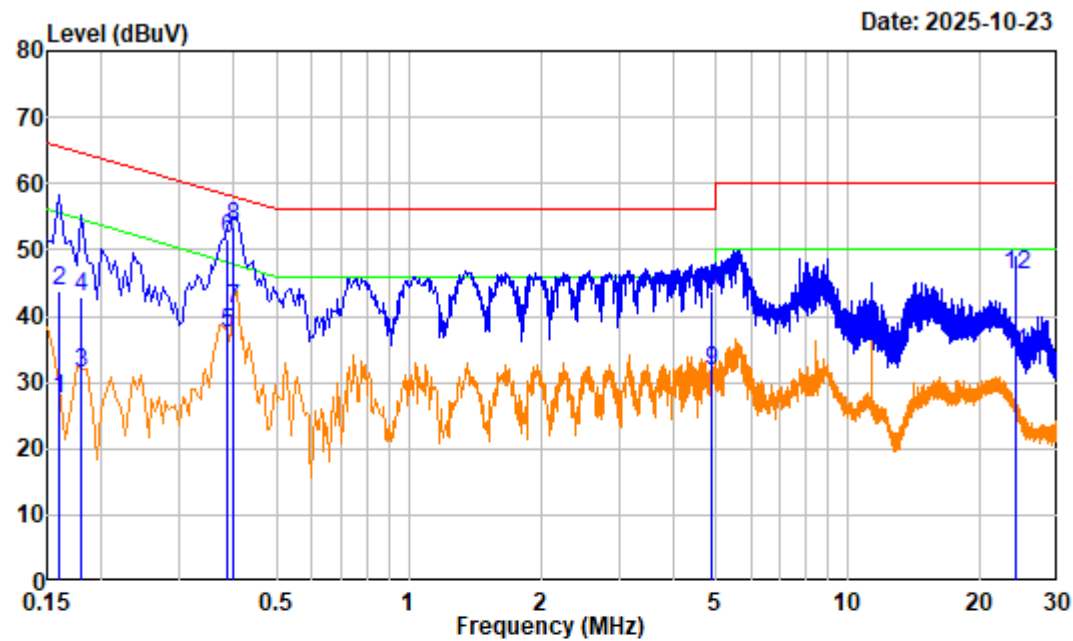
AC 120V/60Hz, Line:



Site : Shielding Room
Condition: Line
Job No. : 2504Y13176E-RF
Test Mode: Transmitting
Note : Adapter
Tester : Jason Fan
Setting : IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.150	19.99	14.59	34.58	56.00	-21.42	Average
2	0.150	19.99	25.86	45.85	66.00	-20.15	QP
3	0.400	20.03	15.08	35.11	47.85	-12.74	Average
4	0.400	20.03	26.80	46.83	57.85	-11.02	QP
5	1.095	20.37	5.23	25.60	46.00	-20.40	Average
6	1.095	20.37	18.02	38.39	56.00	-17.61	QP
7	4.525	21.60	4.83	26.43	46.00	-19.57	Average
8	4.525	21.60	15.73	37.33	56.00	-18.67	QP
9	8.040	22.32	6.04	28.36	50.00	-21.64	Average
10	8.040	22.32	16.46	38.78	60.00	-21.22	QP
11	24.000	24.37	10.37	34.74	50.00	-15.26	Average
12	24.000	24.37	22.28	46.65	60.00	-13.35	QP

AC 120V/60Hz, Neutral:



Site : Shielding Room
Condition: neutral
Job No. : 2504Y13176E-RF
Test Mode: Transmitting
Note : Adapter
Tester : Jason Fan
Setting : IF B/W 9kHz PK/AV

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB	dBuV	dBuV	dBuV	dB	
1	0.160	19.83	7.56	27.39	55.46	-28.07	Average
2	0.160	19.83	23.84	43.67	65.46	-21.79	QP
3	0.180	19.83	11.45	31.28	54.49	-23.21	Average
4	0.180	19.83	23.04	42.87	64.49	-21.62	QP
5	0.385	19.95	17.34	37.29	48.17	-10.88	Average
6	0.385	19.95	31.64	51.59	58.17	-6.58	QP
7	0.400	19.98	21.19	41.17	47.85	-6.68	Average
8	0.400	19.98	33.30	53.28	57.85	-4.57	QP
9	4.895	21.66	10.03	31.69	46.00	-14.31	Average
10	4.895	21.66	22.12	43.78	56.00	-12.22	QP
11	24.000	24.46	9.87	34.33	50.00	-15.67	Average
12	24.000	24.46	21.64	46.10	60.00	-13.90	QP

RADIATED EMISSIONS

Applicable Standard

FCC §15.209, §15.237, §15.35

(a) The intentional radiator shall be restricted to use as an auditory assistance device.

(b) Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the operating frequency. The 200 kHz band shall lie wholly within the above specified frequency ranges.

(c) The field strength within the permitted 200 kHz band shall not exceed 80 millivolts/meter at 3 meters. The field strength of any emissions radiated on any frequency outside of the specified 200 kHz band shall not exceed the general radiated emissions limits specified in § 15.209. The emission limits in this paragraph are based on measurement instrumentation employing an average detector. The provisions in § 15.35 for limiting peak emissions apply.

According to RSS-210 Annex C.1

Devices shall comply with the following requirements:

(a) The occupied bandwidth shall not exceed the 200 kHz authorized bandwidth and shall lie within the permitted bands.

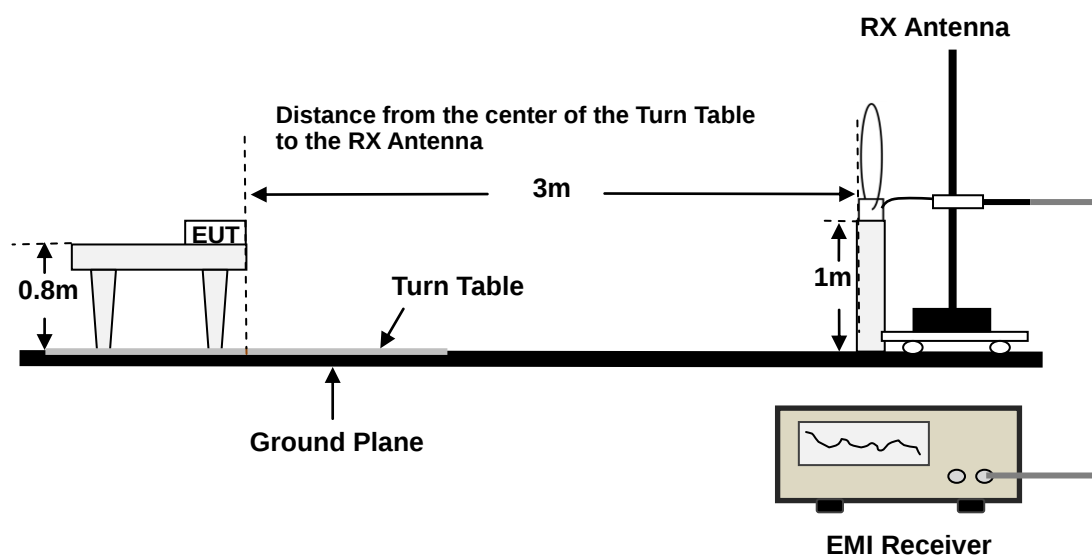
(b) The average field strength of any emission within the 200 kHz authorized bandwidth shall not exceed 80 mV/m measured at a distance of 3 m.

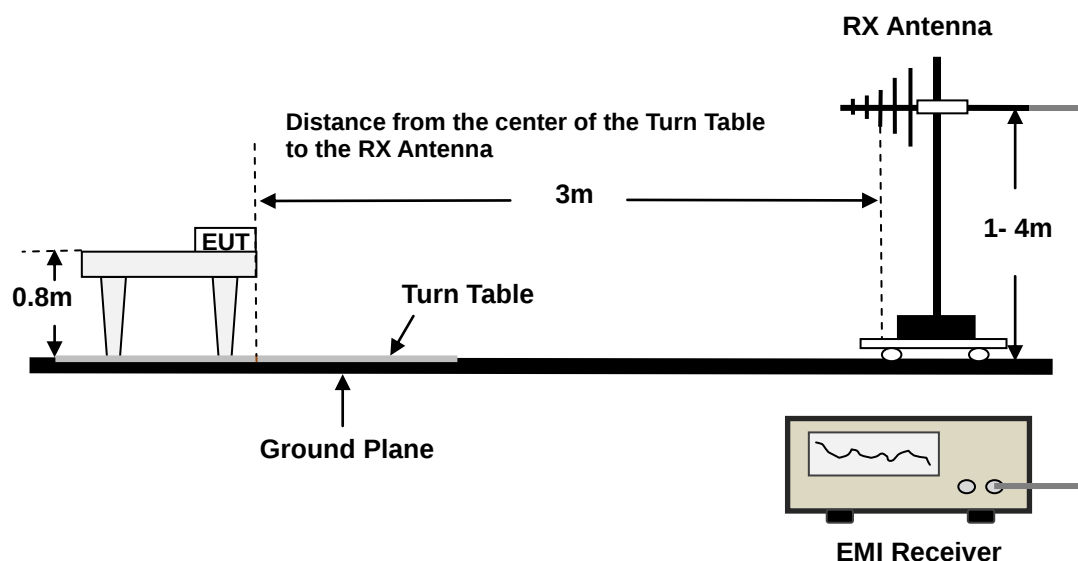
(c) The field strength of any emissions on any frequency outside of the 200 kHz authorized bandwidth shall not exceed 1.5 mV/m measured at a distance of 3 m using a CISPR average detector.

For the spurious emission below 30MHz, the unit of final result on the test plots are dB μ V/m, so the limit should be added by 51,5 dB from dB μ A/m to dB μ V/m.

EUT Setup

9kHz - 30MHz:



30MHz - 1GHz:

The radiated emission performed in the 3 meters, using the setup accordance with the ANSI C63.10-2020. The specification used was the FCC 15.209, FCC 15.237 and RSS-210 limits.

EMI Test Receiver Setup

The system was investigated from 9kHz to 1GHz.

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

9kHz - 1000MHz:

Frequency Range	Measurement	RBW	Video B/W	IF B/W	Detector
9kHz - 150kHz	PK	0.3kHz	1kHz	/	PK
	QP/AV	/	/	200Hz	QP/AV
150kHz - 30MHz	PK	10kHz	30kHz	/	PK
	QP/AV	/	/	9kHz	QP/AV
30MHz - 1000MHz	PK	100kHz	300kHz	/	PK
	QP	/	/	120kHz	QP

Test Procedure

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

The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9–90 kHz, 110–490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

Note: If the maximized peak measured value is under the QP/Average limit by more than 6dB, then it is unnecessary to perform an QP/Average measurement.

Calculation

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

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

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

$$\text{Over Limit/Margin} = \text{Level} / \text{Corrected Amplitude} - \text{Limit}$$

$$\text{Level} / \text{Corrected Amplitude} = \text{Read Level} + \text{Factor}$$

Test Data

For Radiated Spurious Emissions, after pre-scan tabletop use and rack mounting, the worst case as setup photos was recorded.

9kHz-1GHz

Environmental Conditions

Temperature:	24.6 to 24.8 °C
Relative Humidity:	56 to 58 %
ATM Pressure:	101.1 kPa
Test Engineer:	Colin Lin
Test Date:	2025-11-17 to 2025-11-22
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

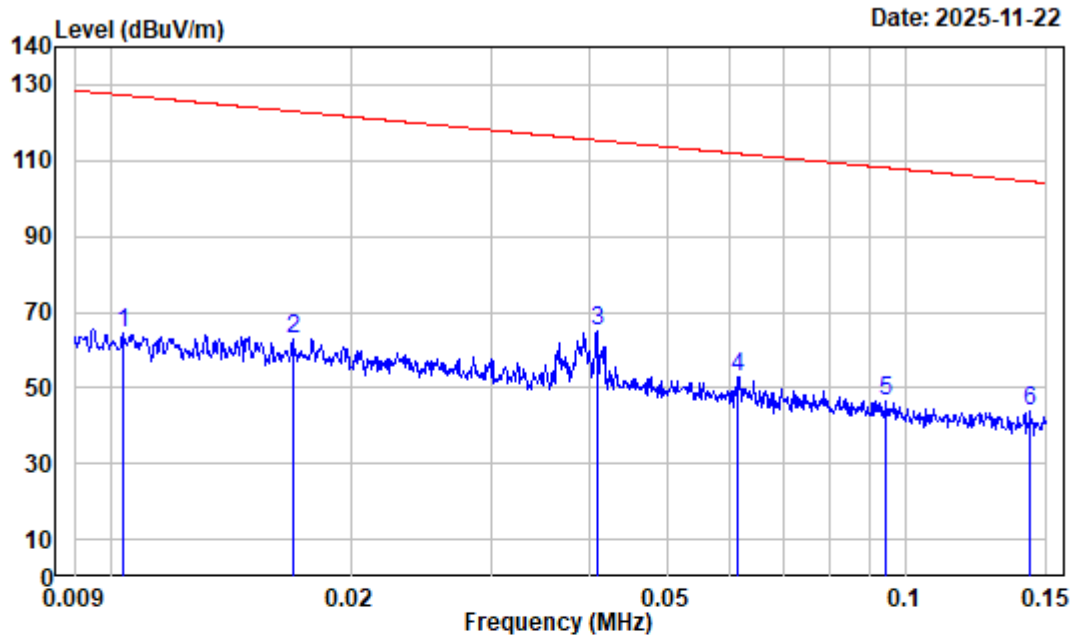
Note 1: The Loop Antenna were tested in parallel, perpendicular, and ground-parallel. The worst orientation was parallel and the data was recorded in report.

Note 2: For 9kHz~30GMHz, the maximum E-Field strength channel: Narrowband 72.1MHz low channel was tested.

Note 3: For 30MHz~1GHz, outside of the 200 kHz authorized bandwidth, the ISED limit is 63.5 dBμV/m using a average detector. So it's compliance with ISED limit.

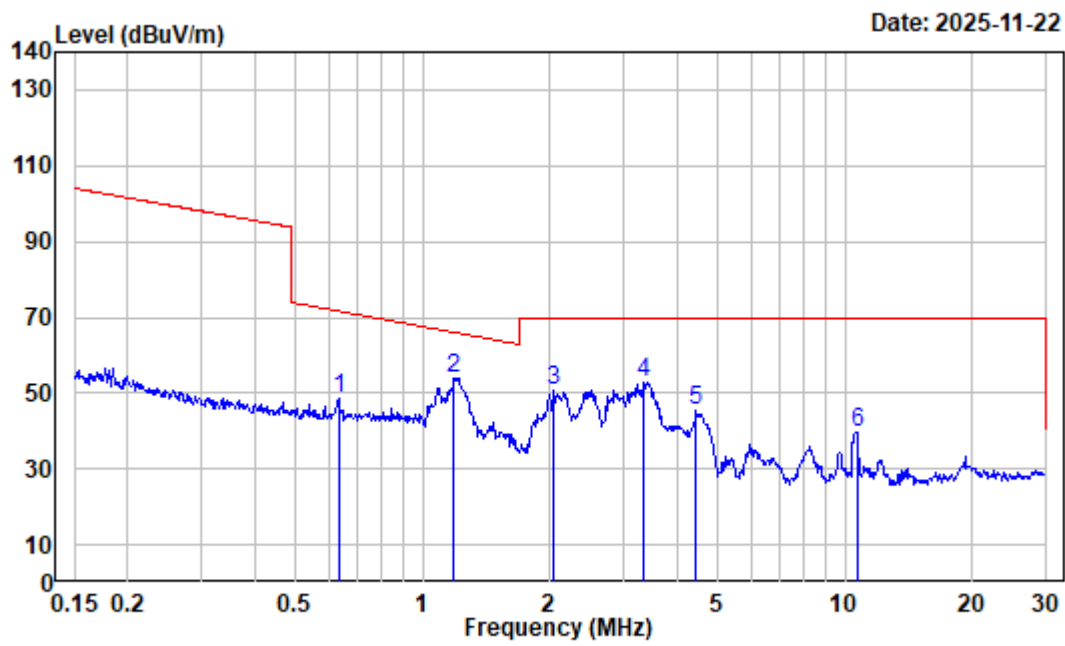
Note 4: The test result of peak was 20dB below to the limit of peak, which can be compliant to the average limit, so just peak value was recorded.

9kHz~30MHz:



Site : Chamber
Condition : 3m
Job No. : 2504Y13176E-RF
Polarization: Parallel Tester: Colin Lin
Test Mode : Transmitting
SA Setting : Peak: RBW:300Hz VBW:1kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.010	35.67	28.81	64.48	127.30	-62.82	Peak
2	0.017	32.75	30.33	63.08	123.02	-59.94	Peak
3	0.041	24.70	40.40	65.10	115.37	-50.27	Peak
4	0.061	21.17	31.60	52.77	111.83	-59.06	Peak
5	0.094	17.04	29.55	46.59	108.11	-61.52	Peak
6	0.143	14.49	29.13	43.62	104.50	-60.88	Peak



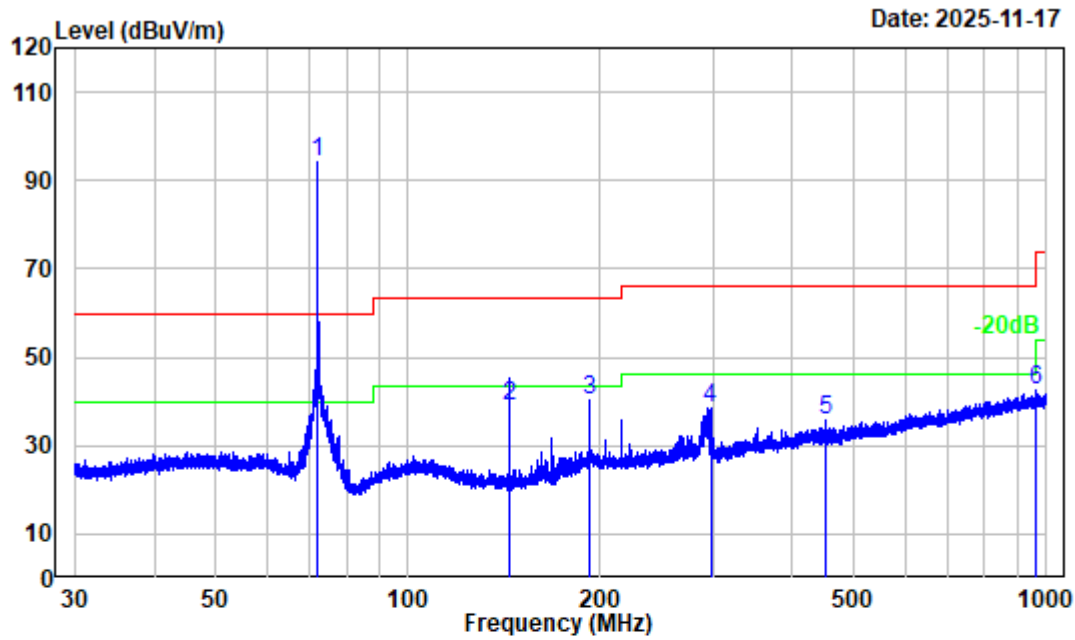
Site : Chamber
Condition : 3m
Job No. : 2504Y13176E-RF
Polarization: Parallel Tester: Colin Lin
Test Mode : Transmitting
SA Setting : Peak: RBW:10kHz VBW:30kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	0.634	1.70	46.67	48.37	71.52	-23.15	Peak
2	1.184	-2.48	56.58	54.10	65.97	-11.87	Peak
3	2.033	-5.40	56.24	50.84	69.54	-18.70	Peak
4	3.346	-5.99	58.93	52.94	69.54	-16.60	Peak
5	4.454	-6.30	51.54	45.24	69.54	-24.30	Peak
6	10.676	-5.18	44.84	39.66	69.54	-29.88	Peak

30MHz~1GHz:

For Narrowband:

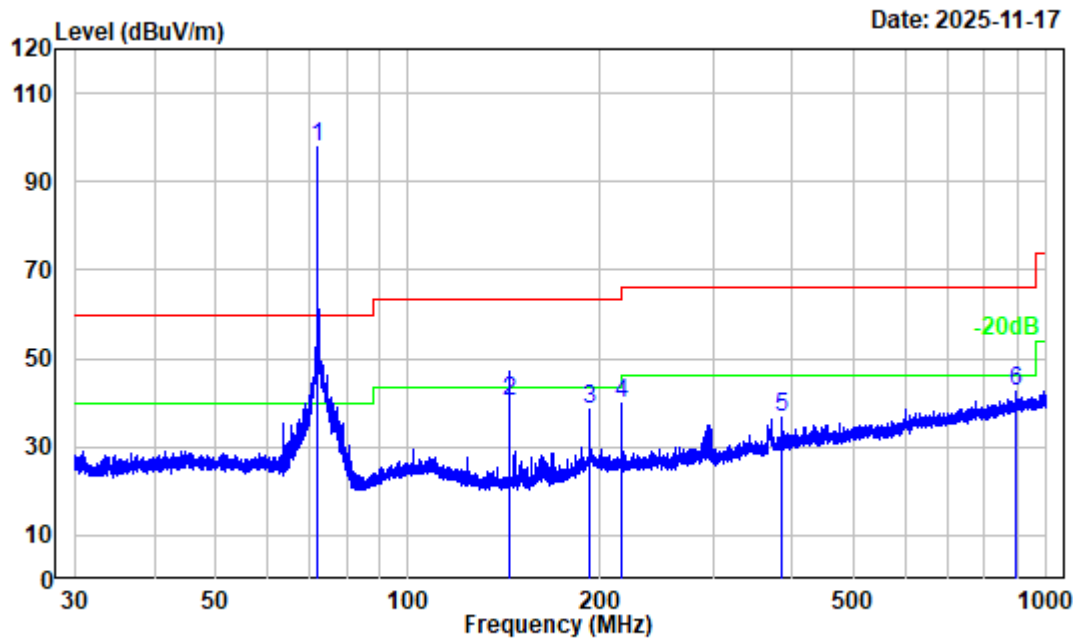
Narrowband_72.1MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Limit Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.116	-15.30	109.63	94.33	118.06	-23.73	Peak
2	144.145	-14.95	53.89	38.94	43.50	-4.56	Average
3	191.997	-10.17	50.65	40.48	63.50	-23.02	Peak
4	297.746	-8.92	47.47	38.55	66.00	-27.45	Peak
5	450.147	-4.85	40.54	35.69	66.00	-30.31	Peak
6	965.542	2.44	40.11	42.55	74.00	-31.45	Peak

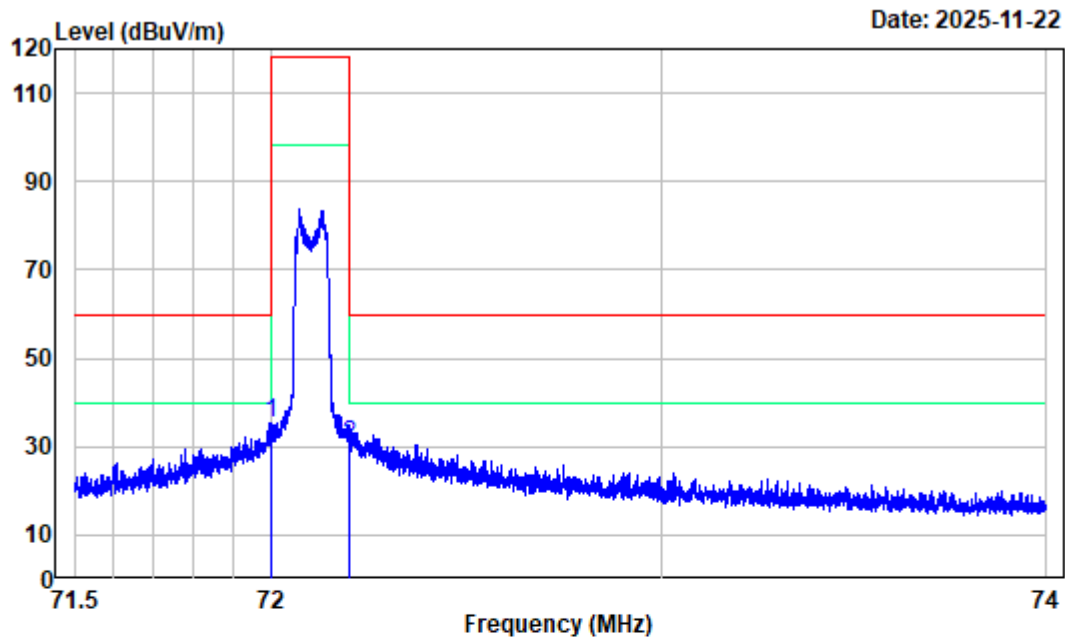
Narrowband_72.1MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.116	-15.30	113.06	97.76	118.06	-20.30	Peak
2	144.208	-14.95	55.07	40.12	43.50	-3.38	Average
3	191.997	-10.17	48.49	38.32	63.50	-25.18	Peak
4	216.308	-10.51	50.25	39.74	66.00	-26.26	Peak
5	385.787	-6.48	42.95	36.47	66.00	-29.53	Peak
6	894.249	1.59	40.93	42.52	66.00	-23.48	Peak

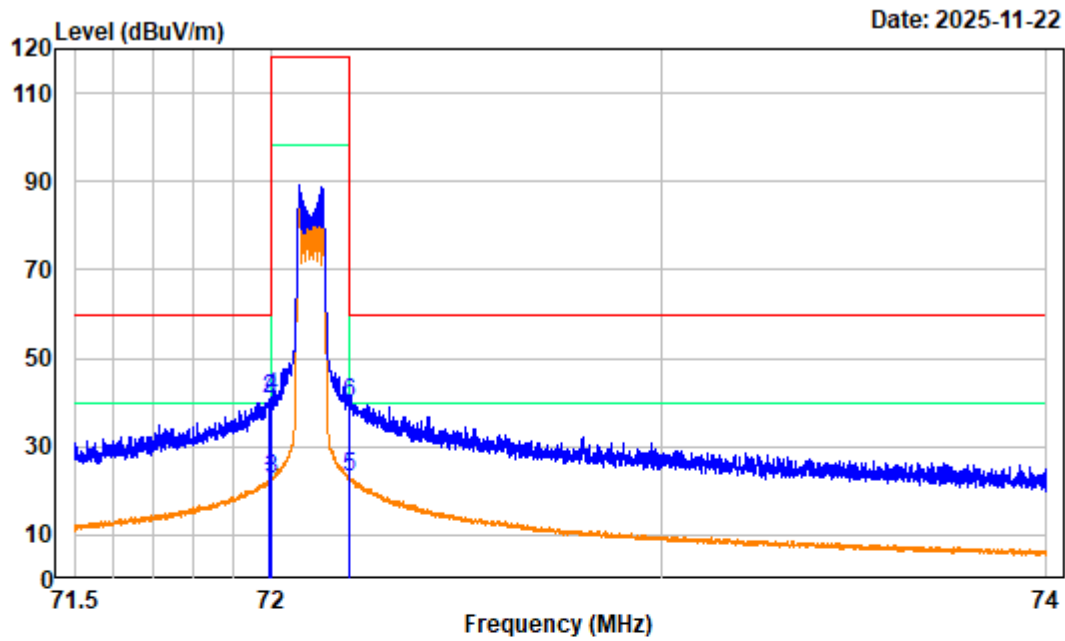
Narrowband_72.1MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.000 -15.26	50.64	35.38	60.00	-24.62	Peak
2	72.200 -15.34	45.86	30.52	60.00	-29.48	Peak

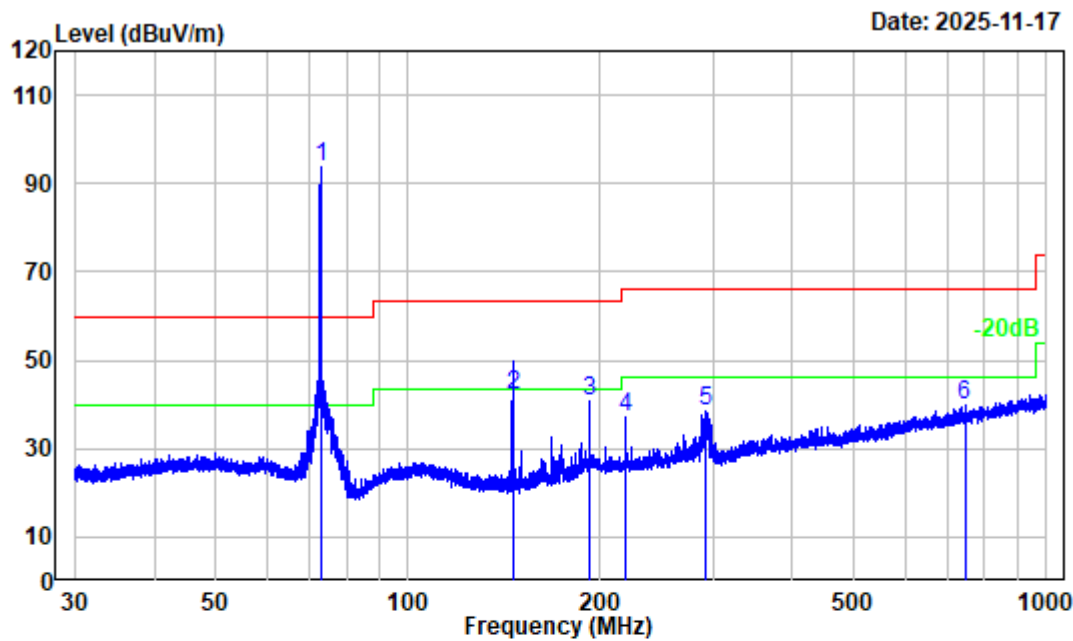
Narrowband_72.1MHz_Bandedge_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	71.993	-15.26	36.88	21.62	40.00	-18.38	Average
2	71.993	-15.26	55.88	40.62	60.00	-19.38	Peak
3	72.000	-15.26	37.76	22.50	40.00	-17.50	Average
4	72.000	-15.26	56.26	41.00	60.00	-19.00	Peak
5	72.200	-15.34	38.25	22.91	40.00	-17.09	Average
6	72.200	-15.34	55.23	39.89	60.00	-20.11	Peak

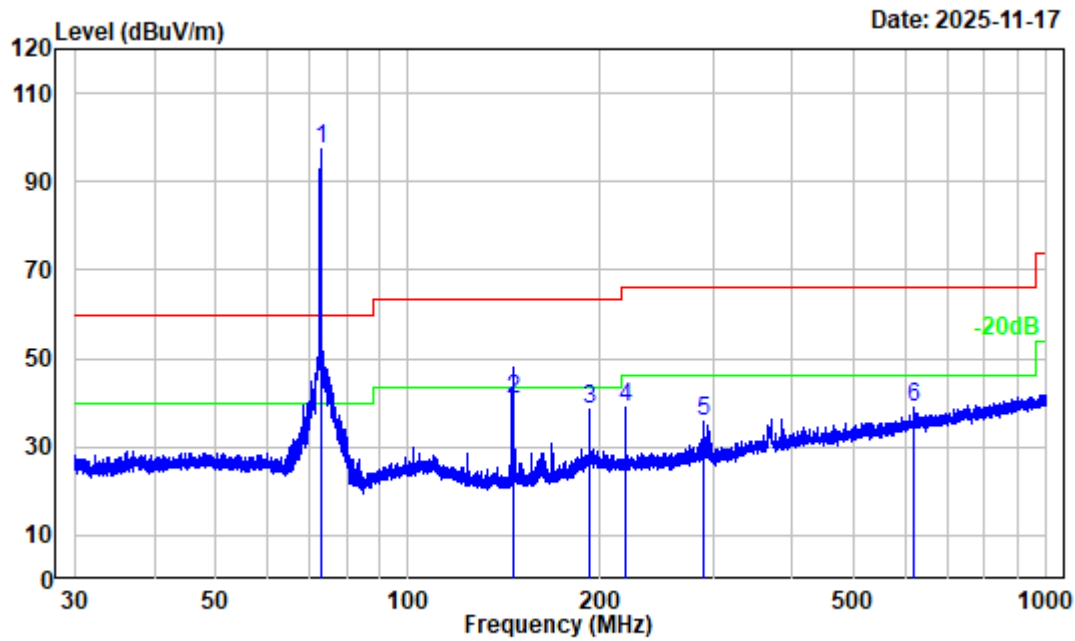
Narrowband_72.9MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.847	-15.59	109.39	93.80	118.06	-24.26	Peak
2	145.733	-14.94	56.83	41.89	43.50	-1.61	Average
3	191.997	-10.17	50.88	40.71	63.50	-22.79	Peak
4	218.788	-10.54	47.87	37.33	66.00	-28.67	Peak
5	292.186	-8.96	47.49	38.53	66.00	-27.47	Peak
6	744.866	-0.22	39.93	39.71	66.00	-26.29	Peak

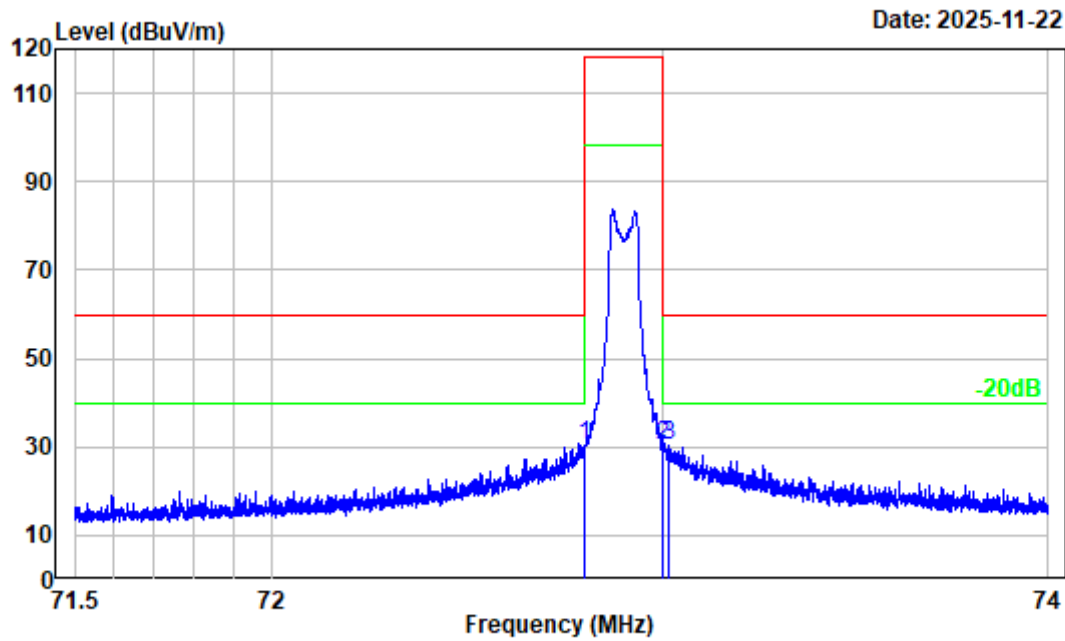
Narrowband_72.9MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.847	-15.59	113.16	97.57	118.06	-20.49	Peak
2	145.797	-14.94	55.92	40.98	43.50	-2.52	Average
3	191.997	-10.17	48.83	38.66	63.50	-24.84	Peak
4	218.596	-10.53	49.58	39.05	66.00	-26.95	Peak
5	290.781	-8.98	44.89	35.91	66.00	-30.09	Peak
6	619.622	-1.74	40.67	38.93	66.00	-27.07	Peak

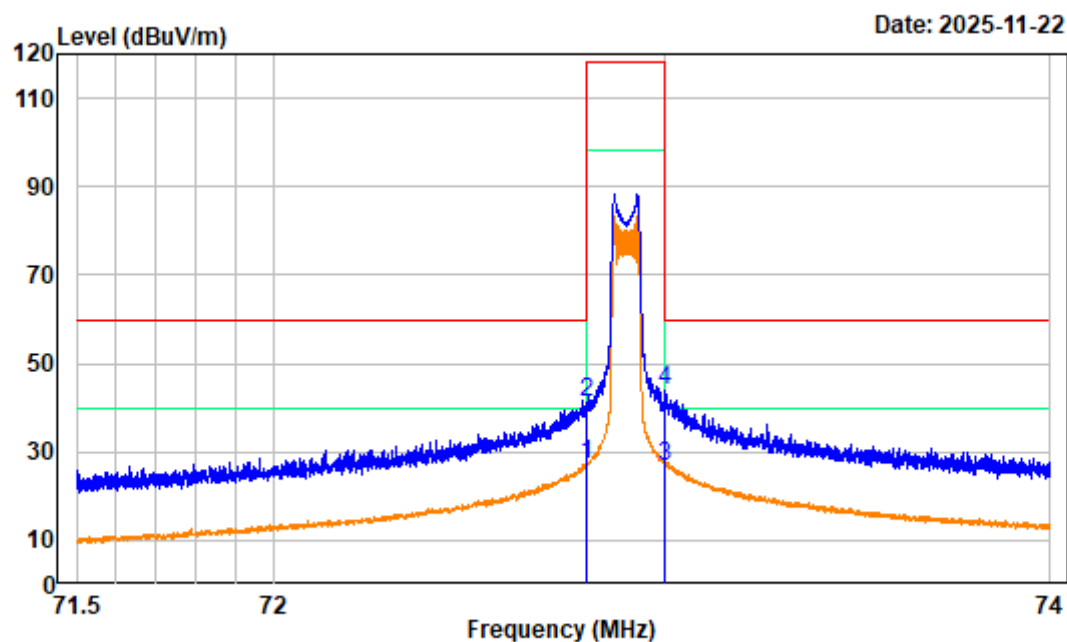
Narrowband_72.9MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

Freq Factor		Read Level		Limit	Over	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.800	-15.57	45.76	30.19	60.00	-29.81 Peak
2	73.000	-15.64	45.78	30.14	60.00	-29.86 Peak
3	73.016	-15.64	46.16	30.52	60.00	-29.48 Peak

Narrowband_72.9MHz_Bandedge_Vertical



Site : Chamber

Condition : 3m VERTICAL

Job No. : 2504Y13176E-RF

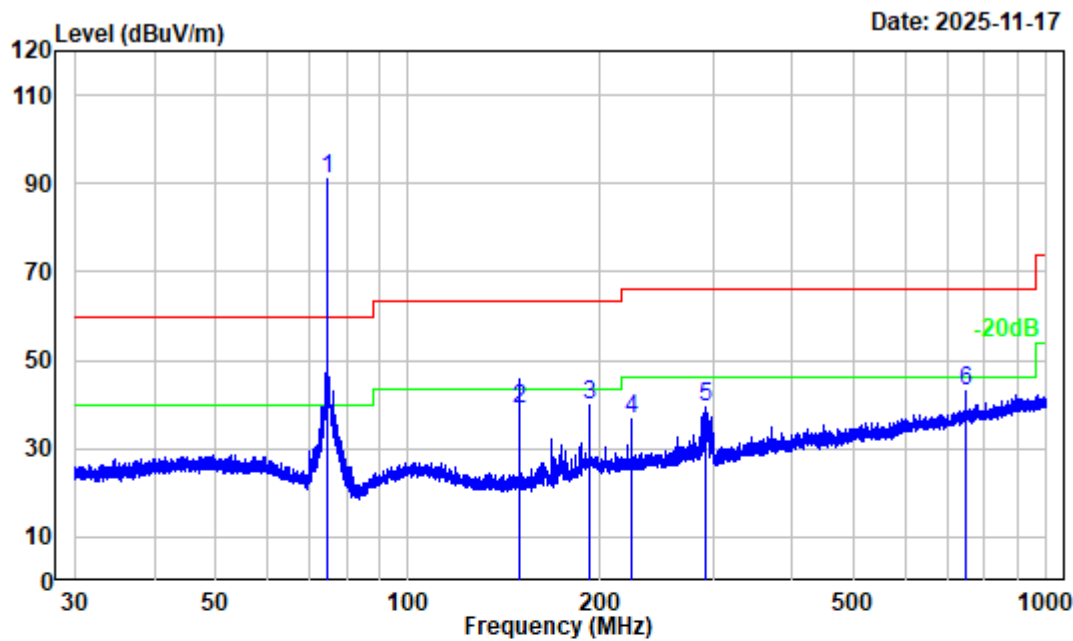
Test Mode : Transmitting Tester: Colin Lin

Note : 72.9MHz Narrowband Bandedge

SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.800	-15.57	42.92	27.35	40.00	-12.65	Average
2	72.800	-15.57	56.77	41.20	60.00	-18.80	Peak
3	73.000	-15.64	42.28	26.64	40.00	-13.36	Average
4	73.000	-15.64	59.47	43.83	60.00	-16.17	Peak

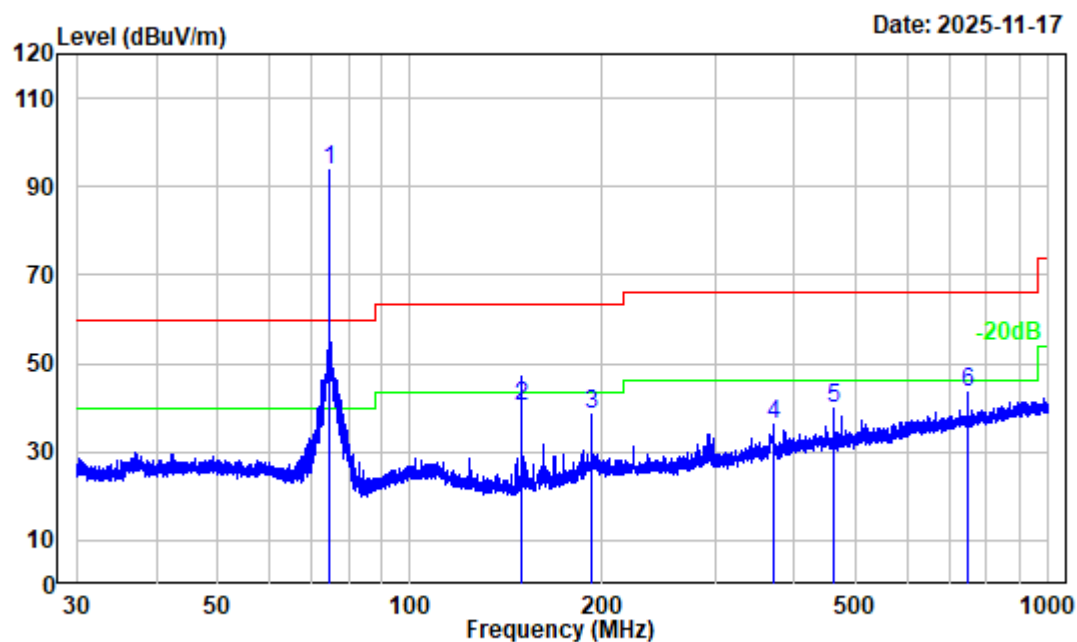
Narrowband_74.7MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.657	-16.02	106.98	90.96	118.06	-27.10	Peak
2	149.355	-14.77	53.73	38.96	43.50	-4.54	Average
3	192.082	-10.15	49.81	39.66	63.50	-23.84	Peak
4	224.028	-10.53	47.22	36.69	66.00	-29.31	Peak
5	292.571	-8.94	48.29	39.35	66.00	-26.65	Peak
6	746.828	-0.15	43.12	42.97	66.00	-23.03	Peak

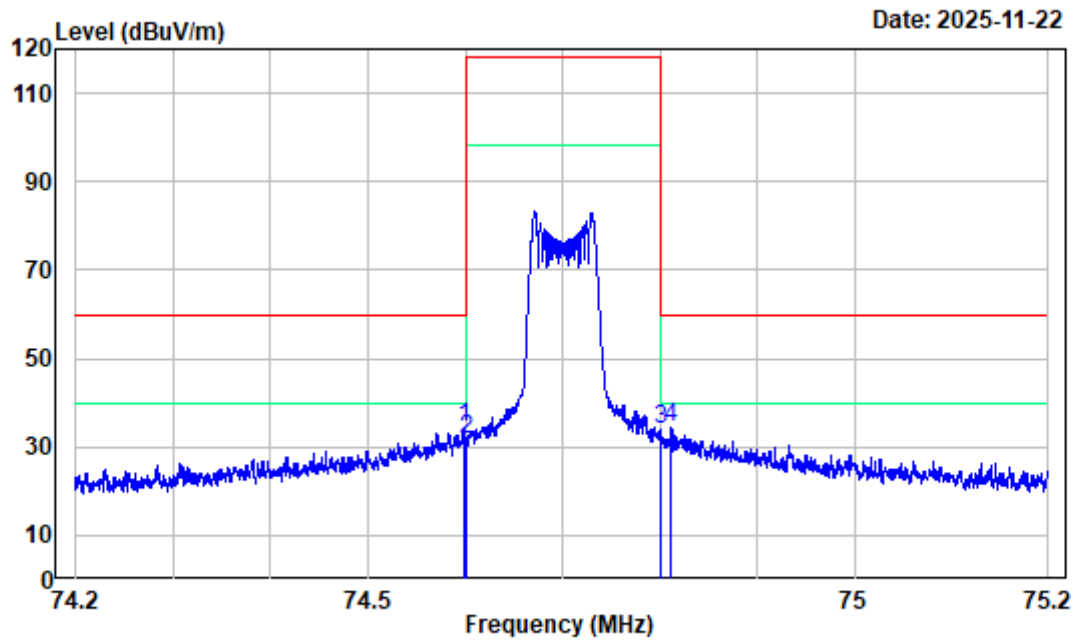
Narrowband_74.7MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq		Read		Limit	Over	Remark
	MHz	dB/m	Level	Level	Line	Limit	
			dBuV	dBuV/m	dBuV/m	dB	
1	74.690	-16.03	109.72	93.69	118.06	-24.37	Peak
2	149.486	-14.76	54.91	40.15	43.50	-3.35	Average
3	191.997	-10.17	48.62	38.45	63.50	-25.05	Peak
4	371.190	-6.89	43.00	36.11	66.00	-29.89	Peak
5	461.940	-4.71	44.66	39.95	66.00	-26.05	Peak
6	747.483	-0.12	43.42	43.30	66.00	-22.70	Peak

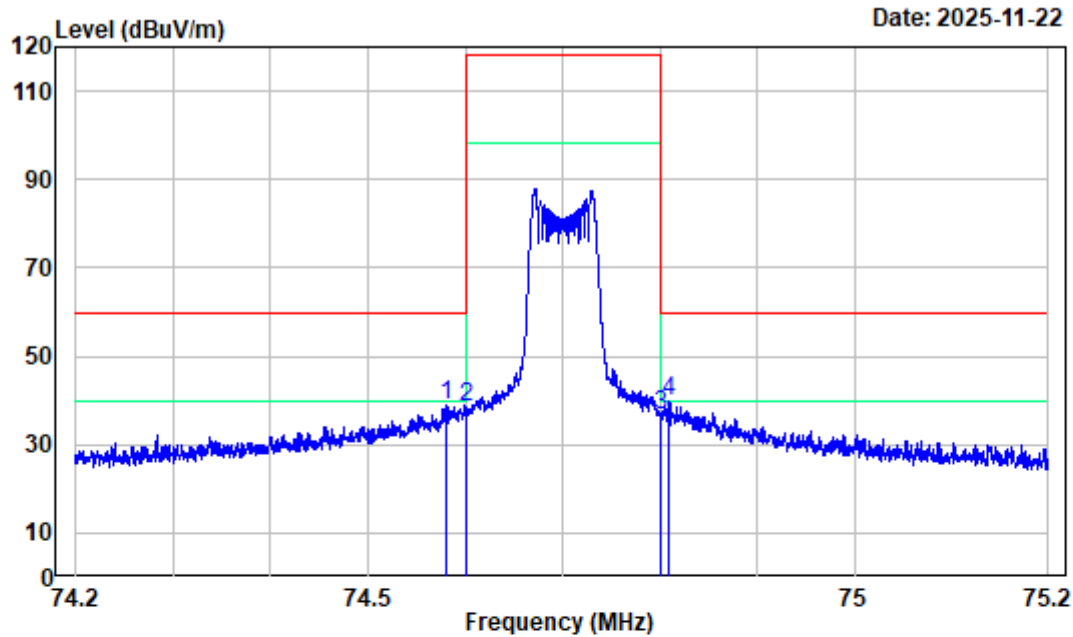
Narrowband_74.7MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.598	-16.00	50.22	34.22	60.00	-25.78 Peak
2	74.600	-16.00	47.54	31.54	60.00	-28.46 Peak
3	74.800	-16.05	49.82	33.77	60.00	-26.23 Peak
4	74.812	-16.05	50.40	34.35	60.00	-25.65 Peak

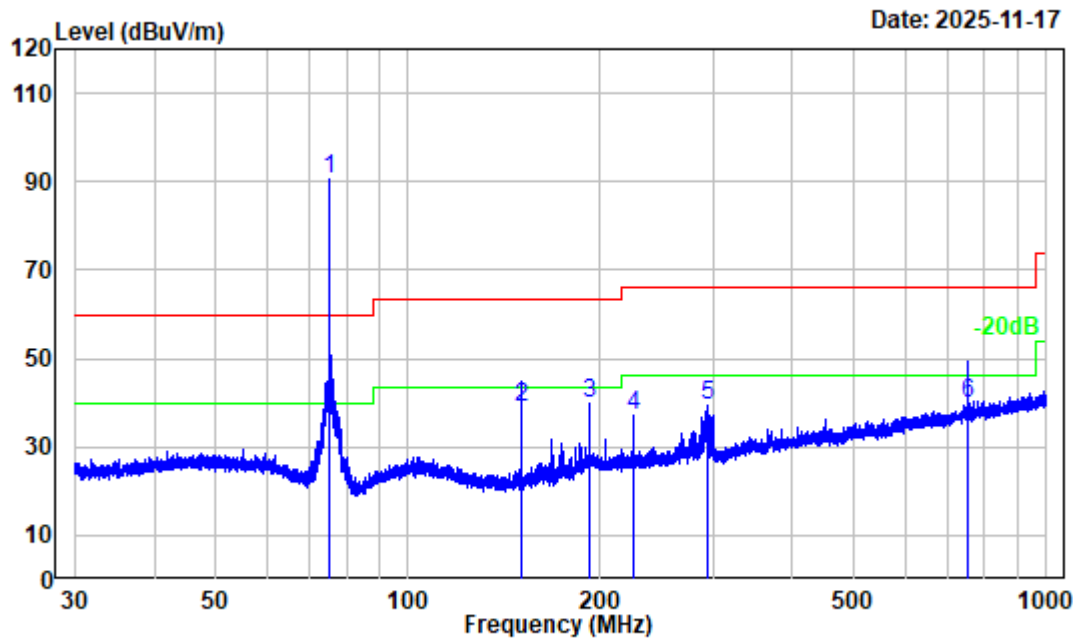
Narrowband_74.7MHz_Bandedge_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.581	-15.99	54.80	38.81	60.00	-21.19	Peak
2	74.600	-16.00	54.27	38.27	60.00	-21.73	Peak
3	74.800	-16.05	52.78	36.73	60.00	-23.27	Peak
4	74.809	-16.05	55.91	39.86	60.00	-20.14	Peak

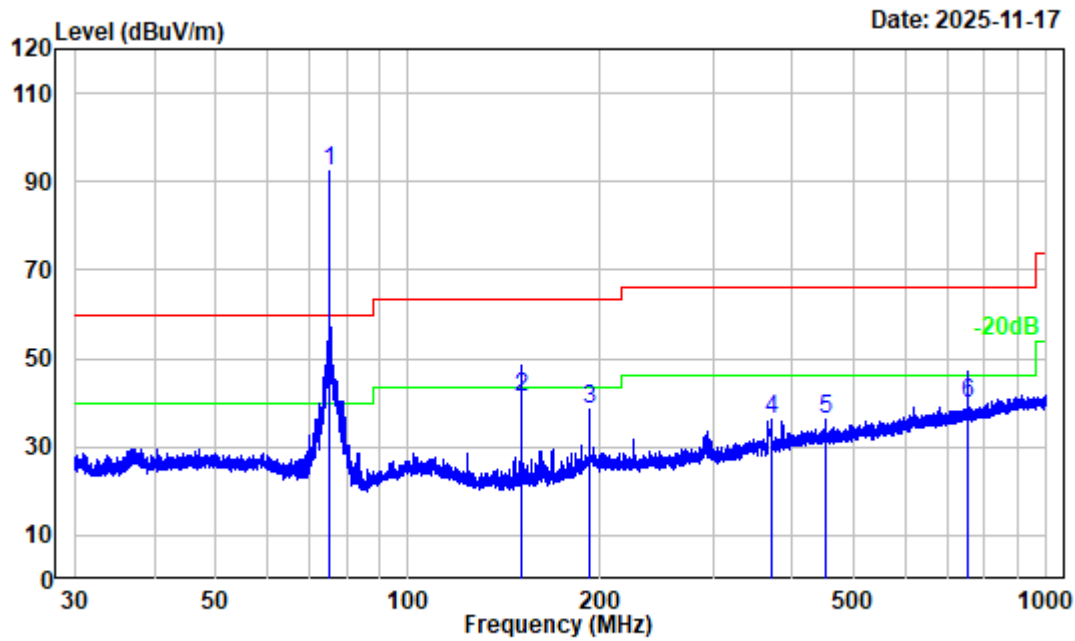
Narrowband_75.3MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.314	-16.18	106.54	90.36	118.06	-27.70	Peak
2	150.604	-14.69	53.65	38.96	43.50	-4.54	Average
3	192.082	-10.15	50.02	39.87	63.50	-23.63	Peak
4	225.802	-10.53	47.60	37.07	66.00	-28.93	Peak
5	293.727	-8.92	48.37	39.45	66.00	-26.55	Peak
6	753.403	0.05	39.99	40.04	46.00	-5.96	Average

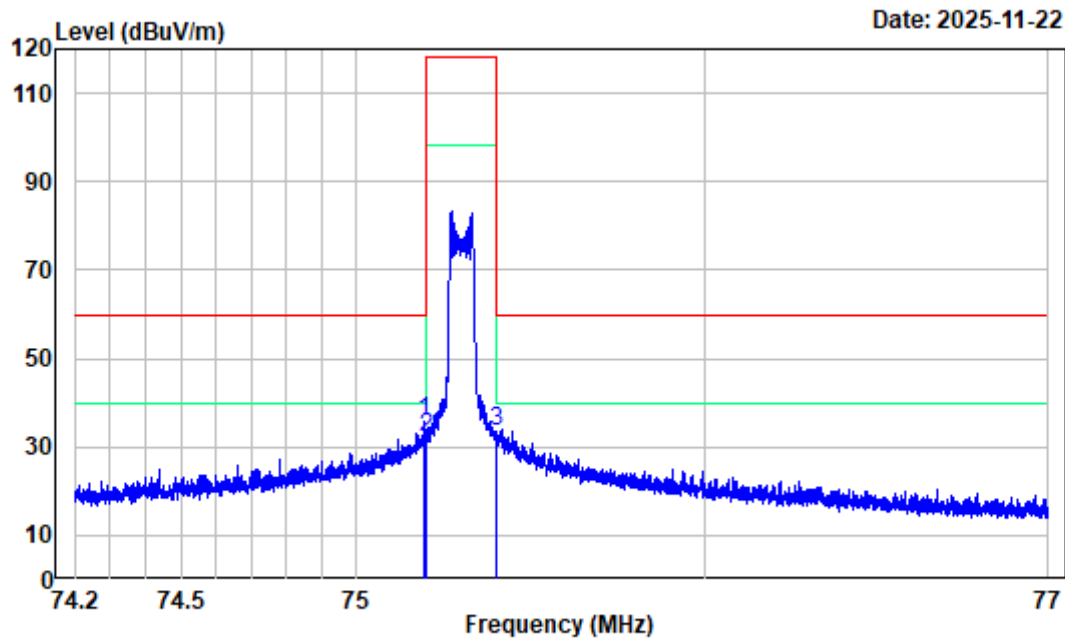
Narrowband_75.3MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.281	-16.18	108.42	92.24	118.06	-25.82	Peak
2	150.670	-14.69	56.08	41.39	43.50	-2.11	Average
3	191.997	-10.17	48.58	38.41	63.50	-25.09	Peak
4	371.516	-6.88	42.91	36.03	66.00	-29.97	Peak
5	451.729	-4.84	41.26	36.42	66.00	-29.58	Peak
6	753.403	0.05	39.89	39.94	46.00	-6.06	Average

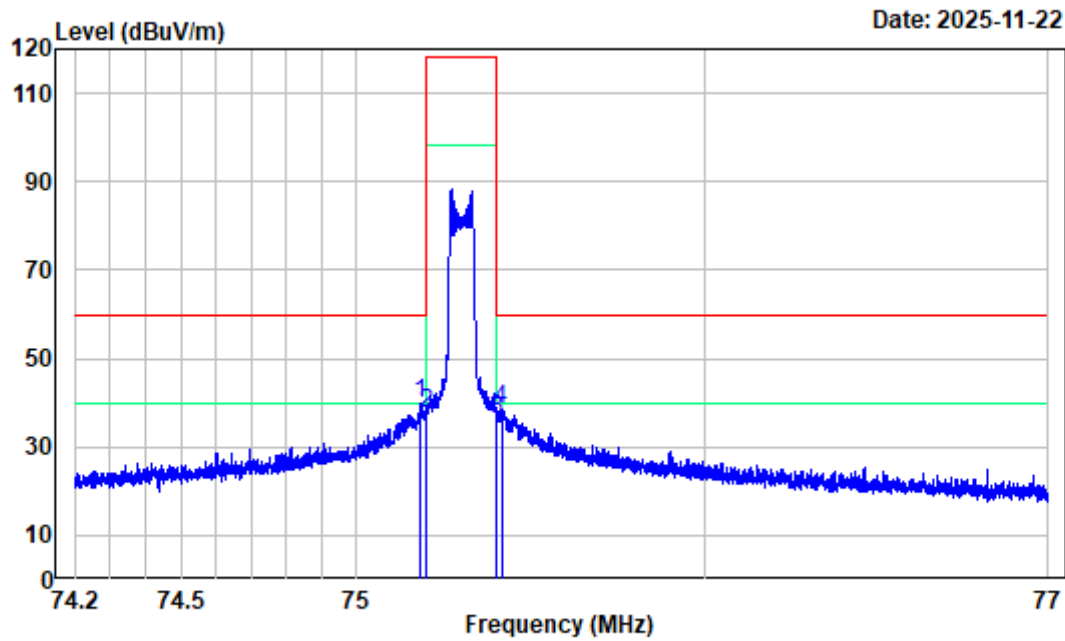
Narrowband_75.3MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.194	-16.16	52.16	36.00	60.00	-24.00	Peak
2	75.200	-16.16	48.25	32.09	60.00	-27.91	Peak
3	75.400	-16.20	49.63	33.43	60.00	-26.57	Peak

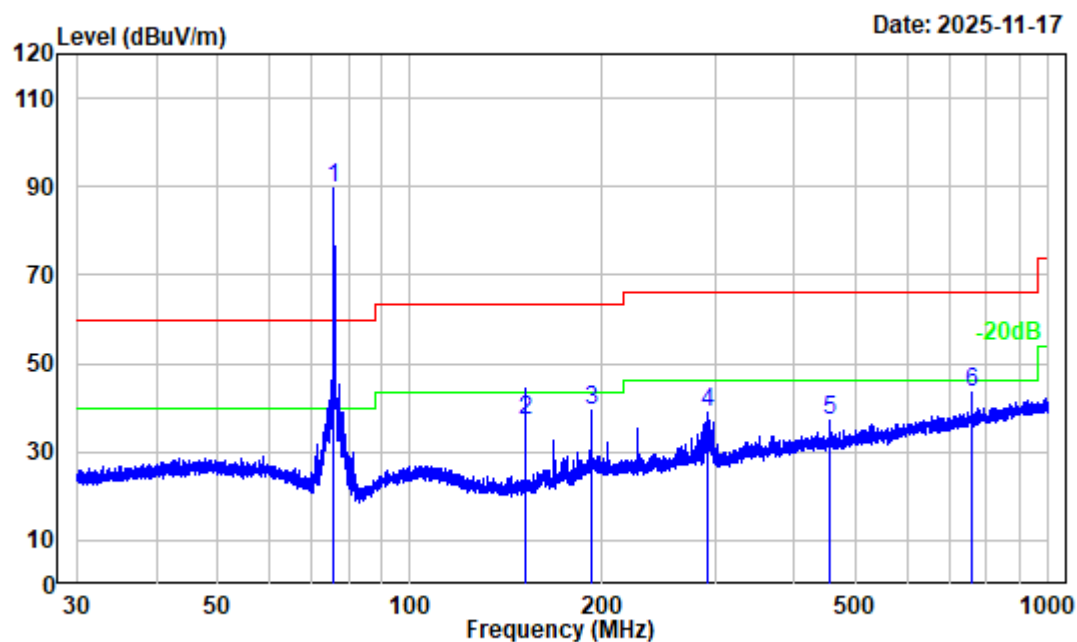
Narrowband_75.3MHz_Bandedge_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.182	-16.16	55.80	39.64	60.00	-20.36	Peak
2	75.200	-16.16	53.87	37.71	60.00	-22.29	Peak
3	75.400	-16.20	52.43	36.23	60.00	-23.77	Peak
4	75.415	-16.20	54.58	38.38	60.00	-21.62	Peak

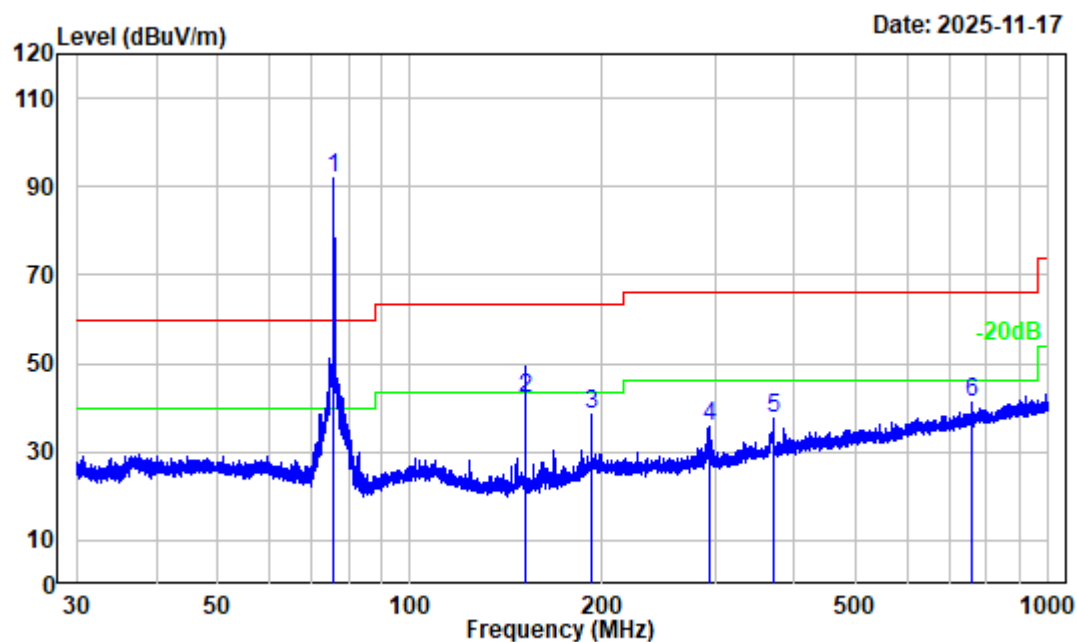
Narrowband_75.9MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.911	-16.30	106.16	89.86	118.06	-28.20	Peak
2	151.863	-14.68	51.95	37.27	43.50	-6.23	Average
3	192.082	-10.15	49.73	39.58	63.50	-23.92	Peak
4	292.443	-8.94	47.76	38.82	66.00	-27.18	Peak
5	455.506	-4.80	41.94	37.14	66.00	-28.86	Peak
6	759.038	-0.41	44.00	43.59	66.00	-22.41	Peak

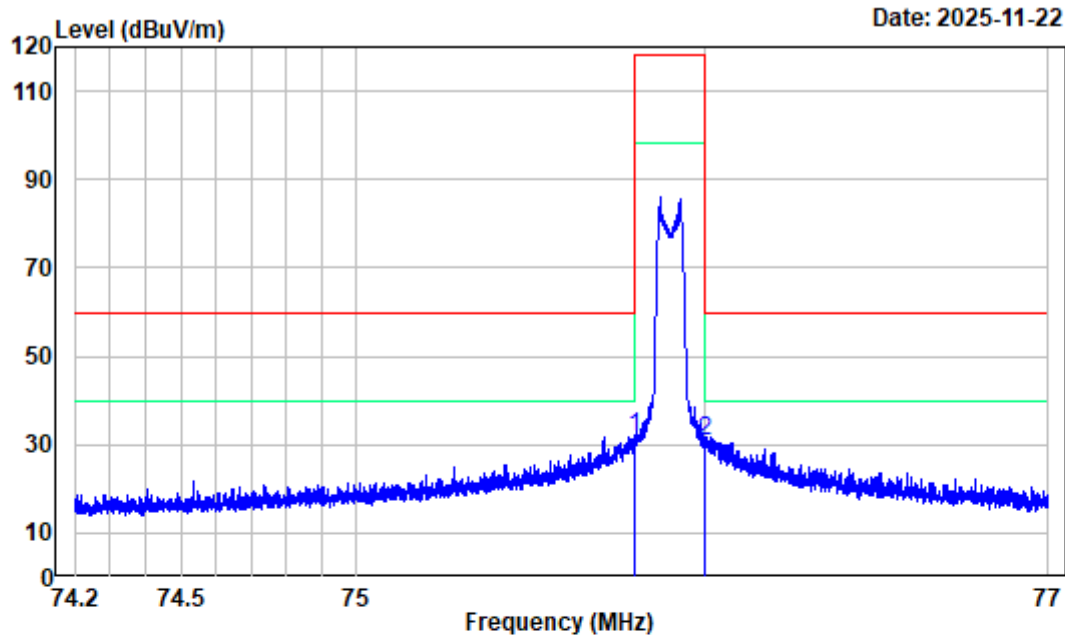
Narrowband_75.9MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Narrowband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.878	-16.30	108.40	92.10	118.06	-25.96	Peak
2	151.863	-14.68	56.69	42.01	43.50	-1.49	Average
3	191.997	-10.17	48.61	38.44	63.50	-25.06	Peak
4	295.147	-8.88	44.51	35.63	66.00	-30.37	Peak
5	370.702	-6.90	44.39	37.49	66.00	-28.51	Peak
6	758.706	-0.37	41.60	41.23	66.00	-24.77	Peak

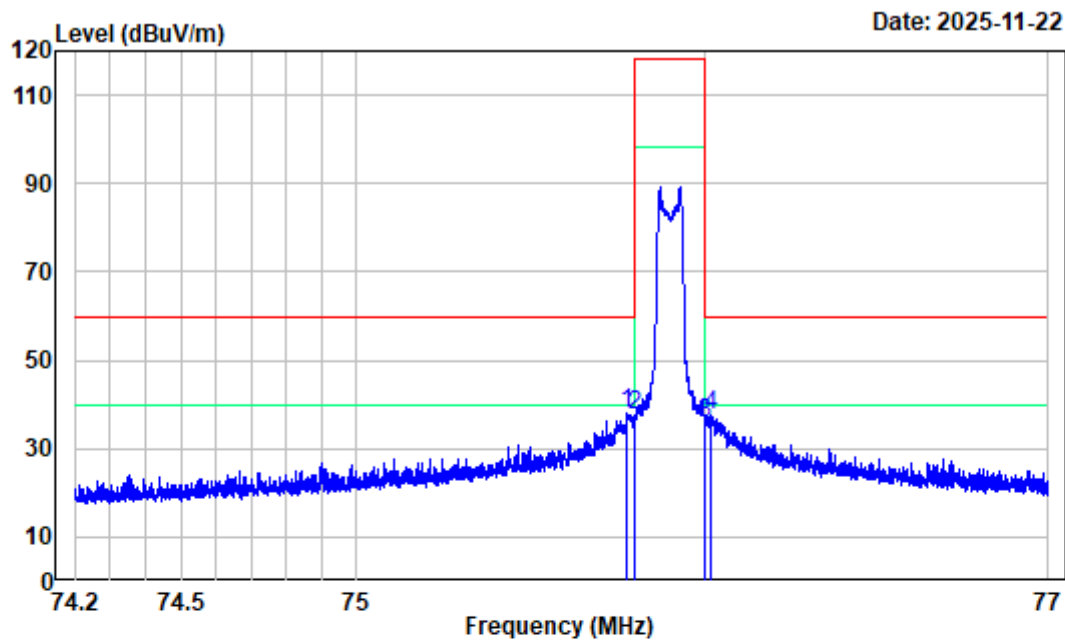
Narrowband_75.9MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.800	-16.28	47.95	31.67	60.00	-28.33	Peak
2	76.000	-16.32	47.29	30.97	60.00	-29.03	Peak

Narrowband_75.9MHz_Bandedge_Vertical

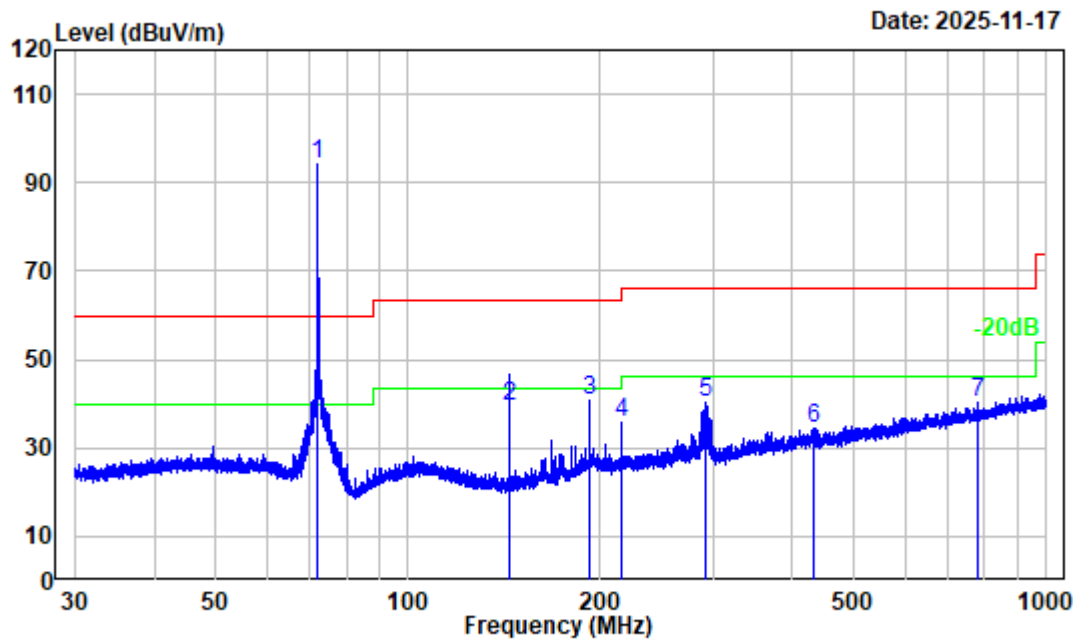


Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Narrowband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.775	-16.27	54.27	38.00	60.00	-22.00	Peak
2	75.800	-16.28	53.80	37.52	60.00	-22.48	Peak
3	76.000	-16.32	52.16	35.84	60.00	-24.16	Peak
4	76.017	-16.32	54.13	37.81	60.00	-22.19	Peak

For Wideband:

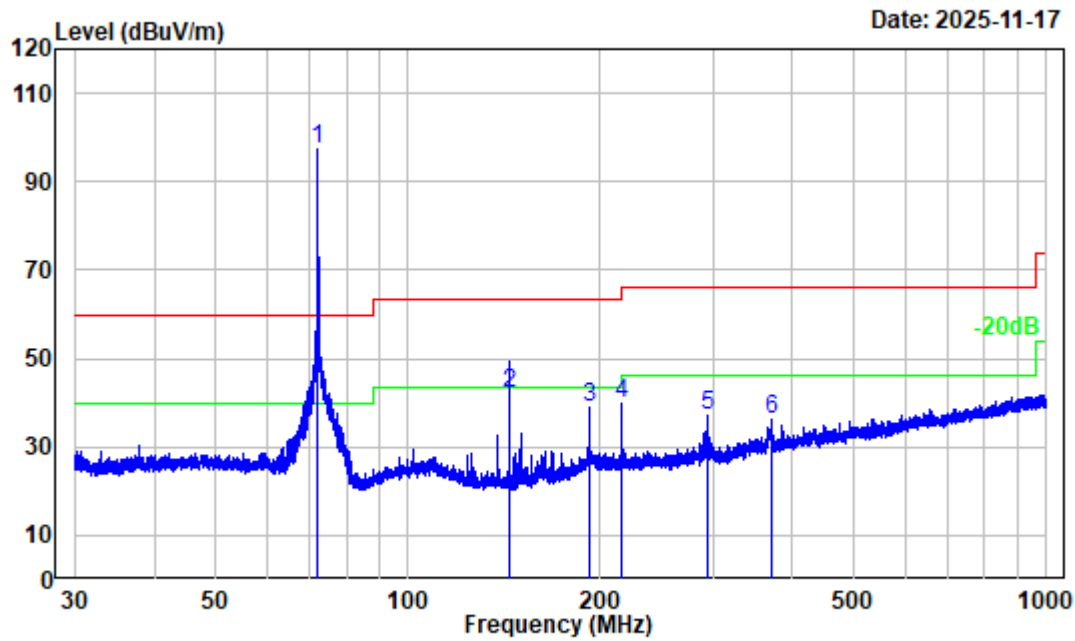
Wideband_72.1MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.084	-15.28	109.62	94.34	118.06	-23.72	Peak
2	144.082	-14.96	54.54	39.58	43.50	-3.92	Average
3	192.082	-10.15	50.74	40.59	63.50	-22.91	Peak
4	216.403	-10.51	46.46	35.95	66.00	-30.05	Peak
5	291.547	-8.97	49.36	40.39	66.00	-25.61	Peak
6	431.032	-4.89	39.36	34.47	66.00	-31.53	Peak
7	781.660	0.32	40.18	40.50	66.00	-25.50	Peak

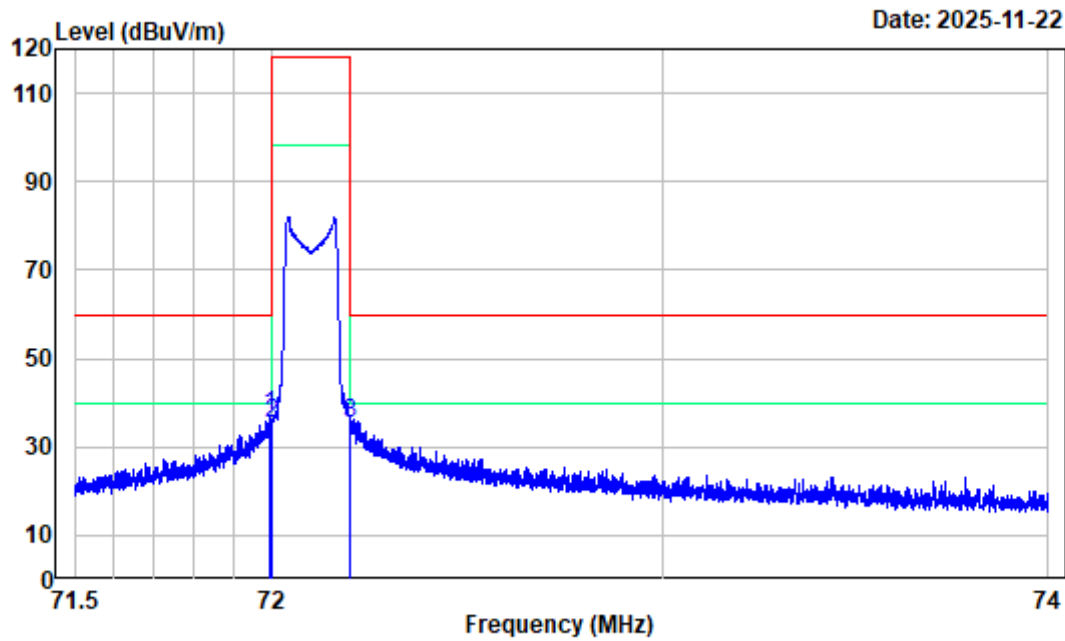
Wideband_72.1MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.053	-15.27	112.44	97.17	118.06	-20.89 Peak
2	144.082	-14.96	57.17	42.21	43.50	-1.29 Average
3	191.997	-10.17	48.91	38.74	63.50	-24.76 Peak
4	216.214	-10.50	50.41	39.91	66.00	-26.09 Peak
5	293.599	-8.92	46.22	37.30	66.00	-28.70 Peak
6	371.679	-6.87	43.22	36.35	66.00	-29.65 Peak

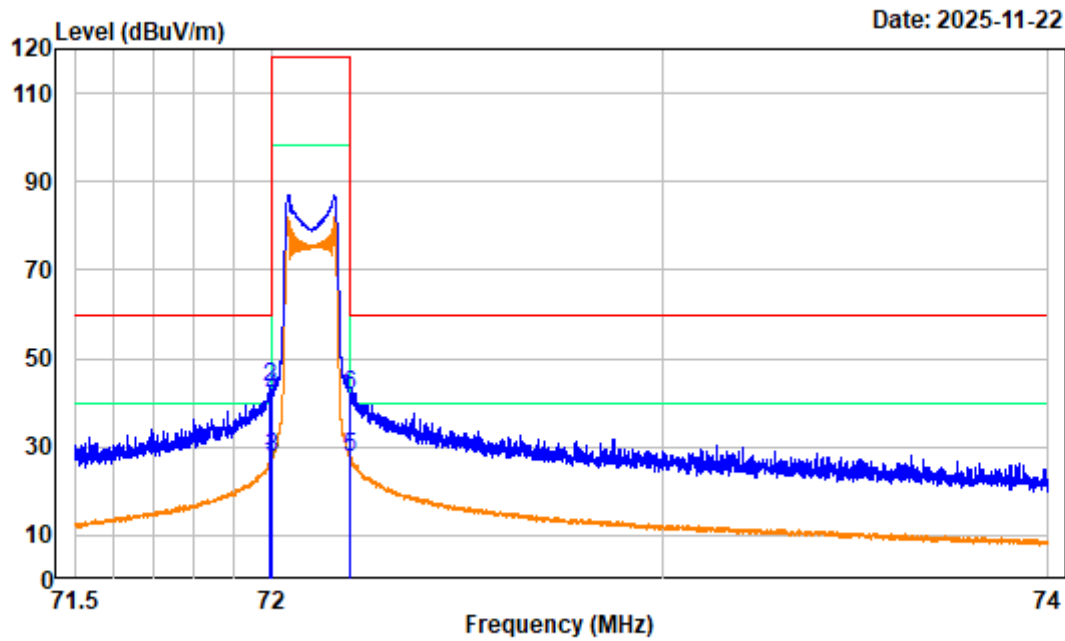
Wideband_72.1MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	71.993 -15.26	52.36	37.10	60.00	-22.90	Peak
2	72.000 -15.26	50.72	35.46	60.00	-24.54	Peak
3	72.200 -15.34	50.69	35.35	60.00	-24.65	Peak

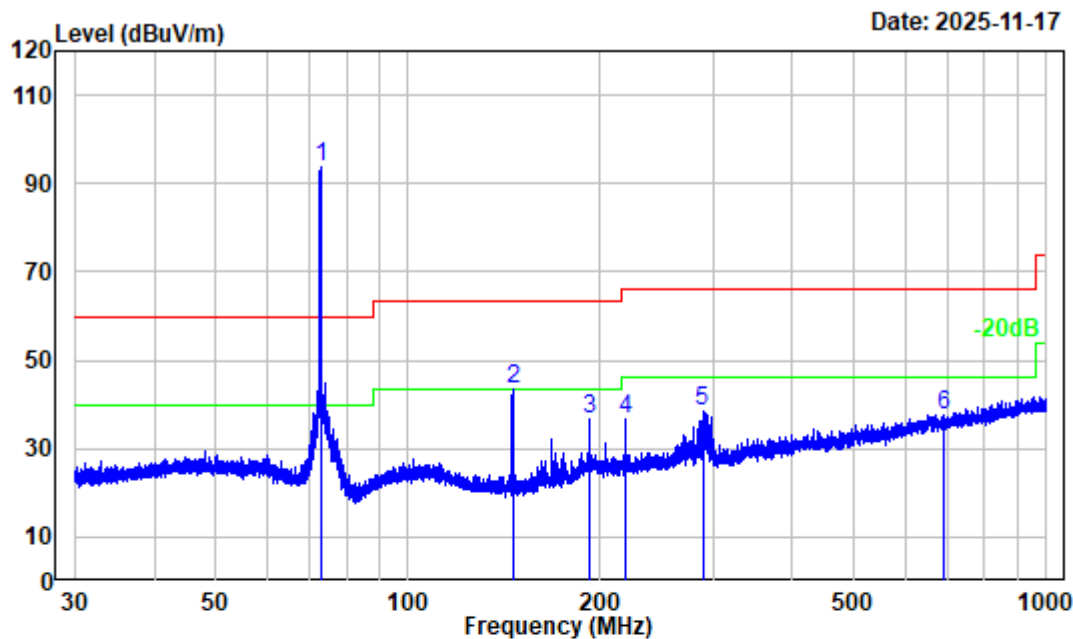
Wideband_72.1MHz_Bandedge_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.1MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq		Read		Limit	Over	Remark
	Factor		Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	71.996	-15.26	41.61	26.35	60.00	-33.65	Average
2	71.996	-15.26	58.92	43.66	60.00	-16.34	Peak
3	72.000	-15.26	42.88	27.62	60.00	-32.38	Average
4	72.000	-15.26	56.69	41.43	60.00	-18.57	Peak
5	72.200	-15.34	42.77	27.43	60.00	-32.57	Average
6	72.200	-15.34	56.81	41.47	60.00	-18.53	Peak

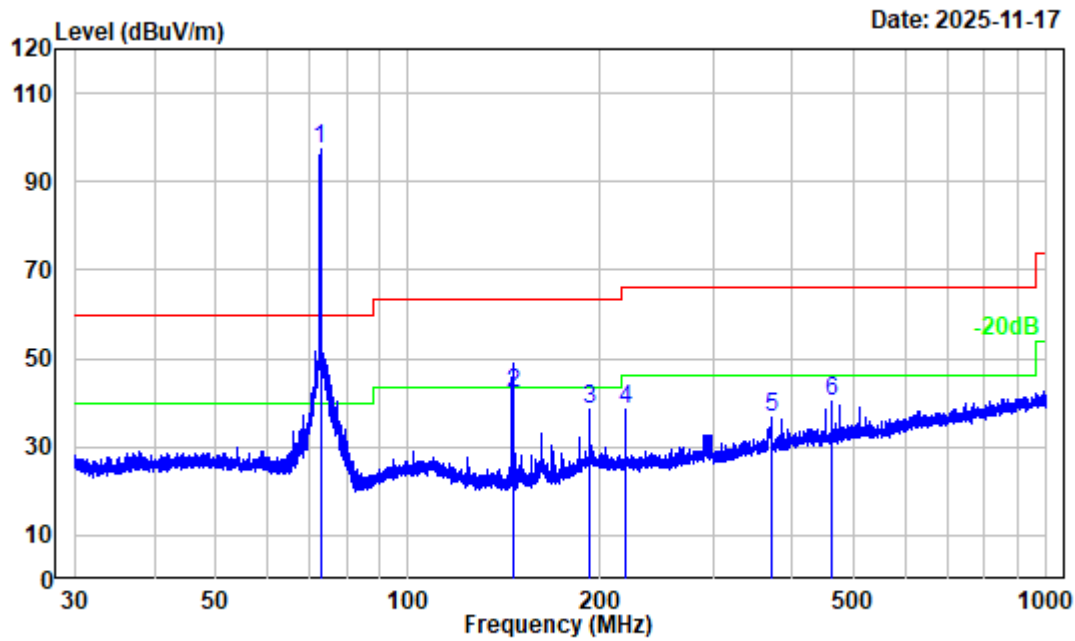
Wideband_72.9MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq	Factor	Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.847	-15.59	109.31	93.72	118.06	-24.34	Peak
2	145.925	-14.94	58.37	43.43	63.50	-20.07	Peak
3	192.082	-10.15	46.67	36.52	63.50	-26.98	Peak
4	218.788	-10.54	47.25	36.71	66.00	-29.29	Peak
5	289.256	-9.02	47.46	38.44	66.00	-27.56	Peak
6	690.169	-1.13	38.90	37.77	66.00	-28.23	Peak

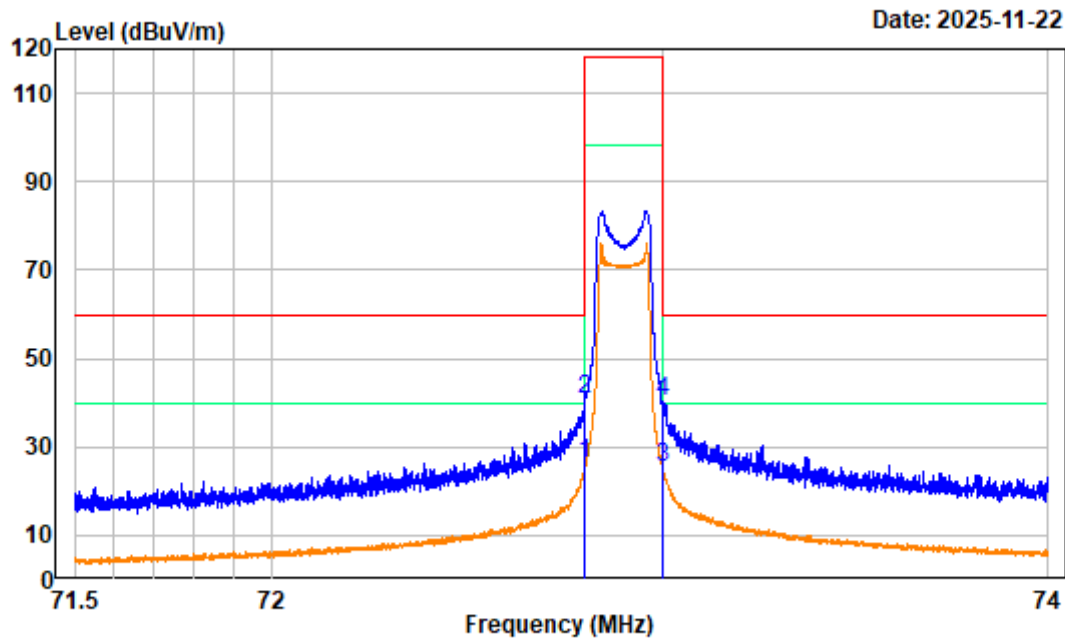
Wideband_72.9MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	72.815	-15.58	112.97	97.39	118.06	-20.67	Peak
2	145.733	-14.94	57.10	42.16	43.50	-1.34	Average
3	192.082	-10.15	48.54	38.39	63.50	-25.11	Peak
4	218.692	-10.53	49.07	38.54	66.00	-27.46	Peak
5	371.516	-6.88	43.77	36.89	66.00	-29.11	Peak
6	462.143	-4.71	45.12	40.41	66.00	-25.59	Peak

Wideband_72.9MHz_Bandedge_Horizontal



Site : Chamber

Condition : 3m HORIZONTAL

Job No. : 2504Y13176E-RF

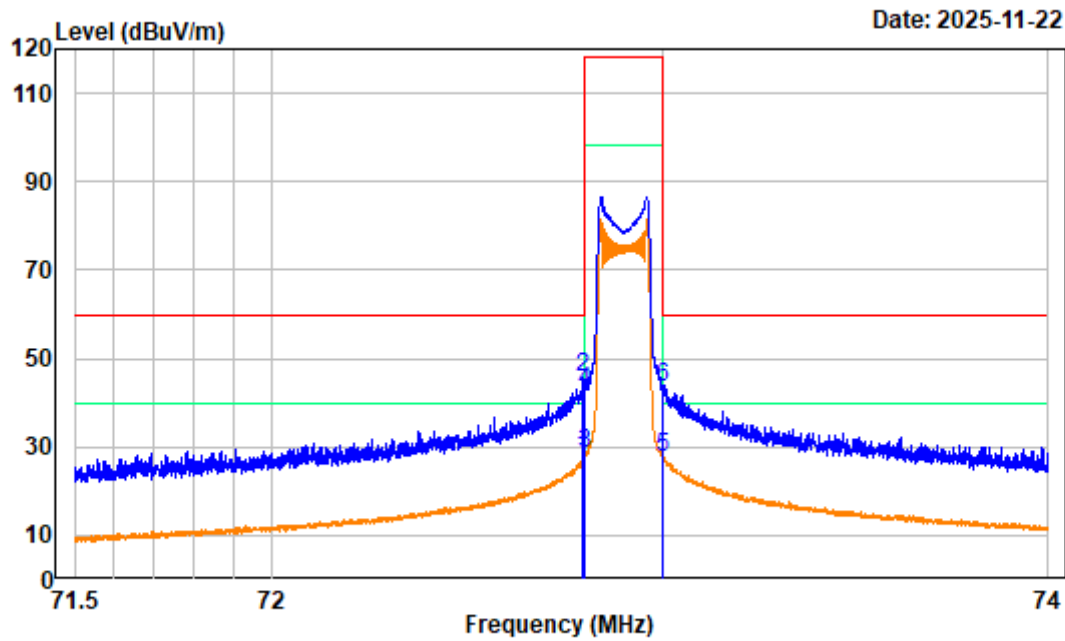
Test Mode : Transmitting Tester: Colin Lin

Note : 72.9MHz Wideband Bandedge

SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq Factor		Read		Limit	Over	Remark
			Level	Level	Line	Limit	
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.800	-15.57	41.92	26.35	40.00	-13.65	Average
2	72.800	-15.57	56.44	40.87	60.00	-19.13	Peak
3	73.000	-15.64	41.02	25.38	40.00	-14.62	Average
4	73.000	-15.64	56.04	40.40	60.00	-19.60	Peak

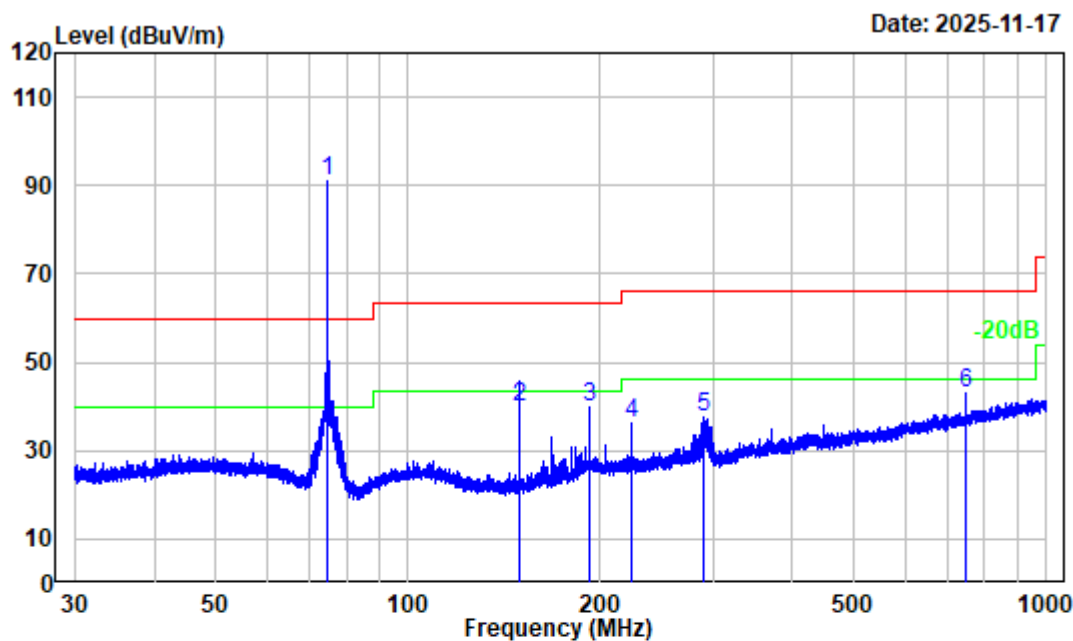
Wideband_72.9MHz_Bandedge_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 72.9MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

Freq Factor		Read Level	Level	Limit Line	Over Limit	Remark
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	72.794 -15.57	43.16	27.59	40.00	-12.41	Average
2	72.794 -15.57	61.24	45.67	60.00	-14.33	Peak
3	72.800 -15.57	43.90	28.33	40.00	-11.67	Average
4	72.800 -15.57	58.28	42.71	60.00	-17.29	Peak
5	73.000 -15.64	43.25	27.61	40.00	-12.39	Average
6	73.000 -15.64	59.32	43.68	60.00	-16.32	Peak

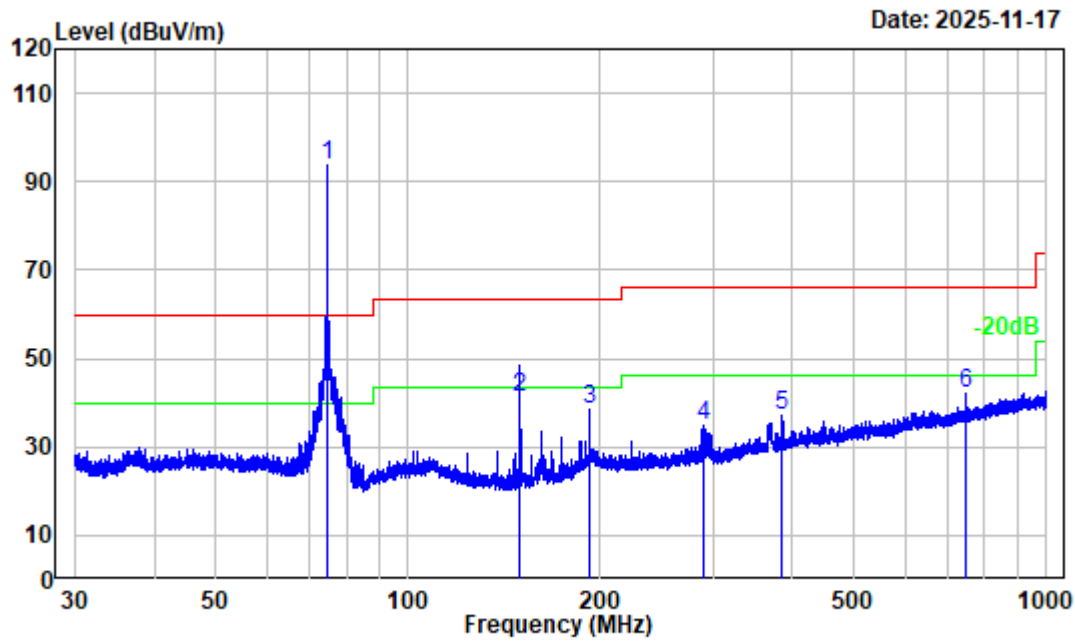
Wideband_74.7MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.657	-16.02	107.06	91.04	118.06	-27.02	Peak
2	149.289	-14.78	54.60	39.82	43.50	-3.68	Average
3	191.997	-10.17	50.22	40.05	63.50	-23.45	Peak
4	224.028	-10.53	46.62	36.09	66.00	-29.91	Peak
5	289.890	-9.01	46.79	37.78	66.00	-28.22	Peak
6	747.155	-0.13	43.26	43.13	66.00	-22.87	Peak

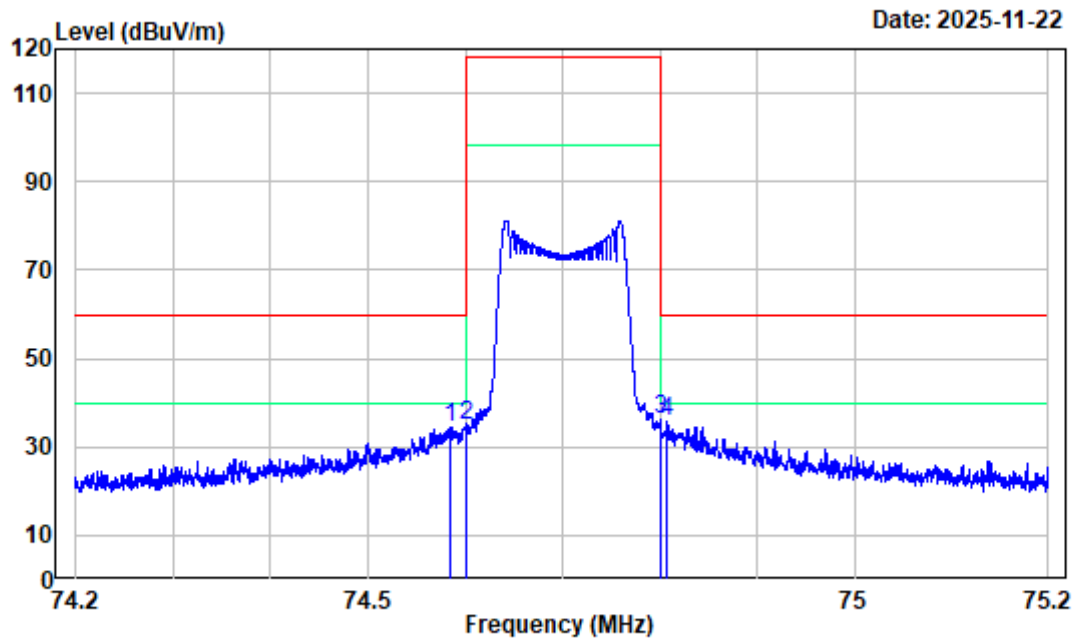
Wideband_74.7MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.755	-16.05	109.62	93.57	118.06	-24.49 Peak
2	149.355	-14.77	56.13	41.36	43.50	-2.14 Average
3	191.997	-10.17	48.75	38.58	63.50	-24.92 Peak
4	291.291	-8.97	43.82	34.85	66.00	-31.15 Peak
5	385.787	-6.48	43.52	37.04	66.00	-28.96 Peak
6	747.810	-0.11	42.06	41.95	66.00	-24.05 Peak

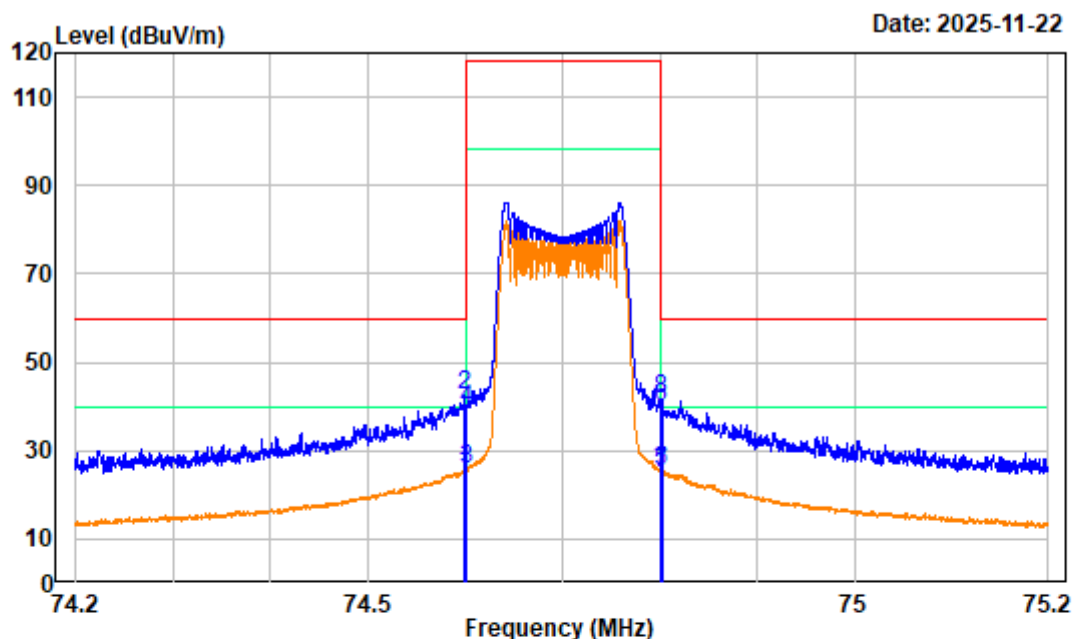
Wideband_74.7MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 74.7MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.585	-16.00	50.46	34.46	60.00	-25.54 Peak
2	74.600	-16.00	50.76	34.76	118.06	-83.30 Peak
3	74.800	-16.05	52.15	36.10	60.00	-23.90 Peak
4	74.807	-16.05	51.75	35.70	60.00	-24.30 Peak

Wideband_74.7MHz_Bandedge_Vertical



Site : Chamber

Condition : 3m VERTICAL

Job No. : 2504Y13176E-RF

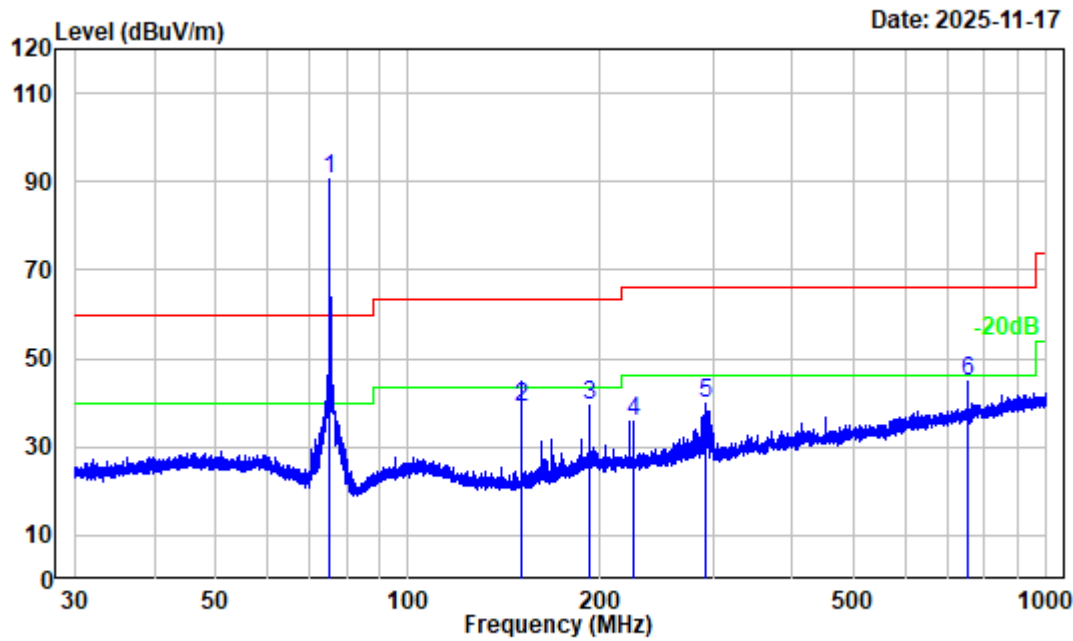
Test Mode : Transmitting Tester: Colin Lin

Note : 74.7MHz Wideband Bandedge

SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	74.598	-16.00	40.81	24.81	40.00	-15.19	Average
2	74.598	-16.00	58.61	42.61	60.00	-17.39	Peak
3	74.600	-16.00	41.89	25.89	40.00	-14.11	Average
4	74.600	-16.00	55.27	39.27	60.00	-20.73	Peak
5	74.800	-16.05	41.52	25.47	40.00	-14.53	Average
6	74.800	-16.05	55.73	39.68	60.00	-20.32	Peak
7	74.801	-16.05	41.16	25.11	40.00	-14.89	Average
8	74.801	-16.05	57.66	41.61	60.00	-18.39	Peak

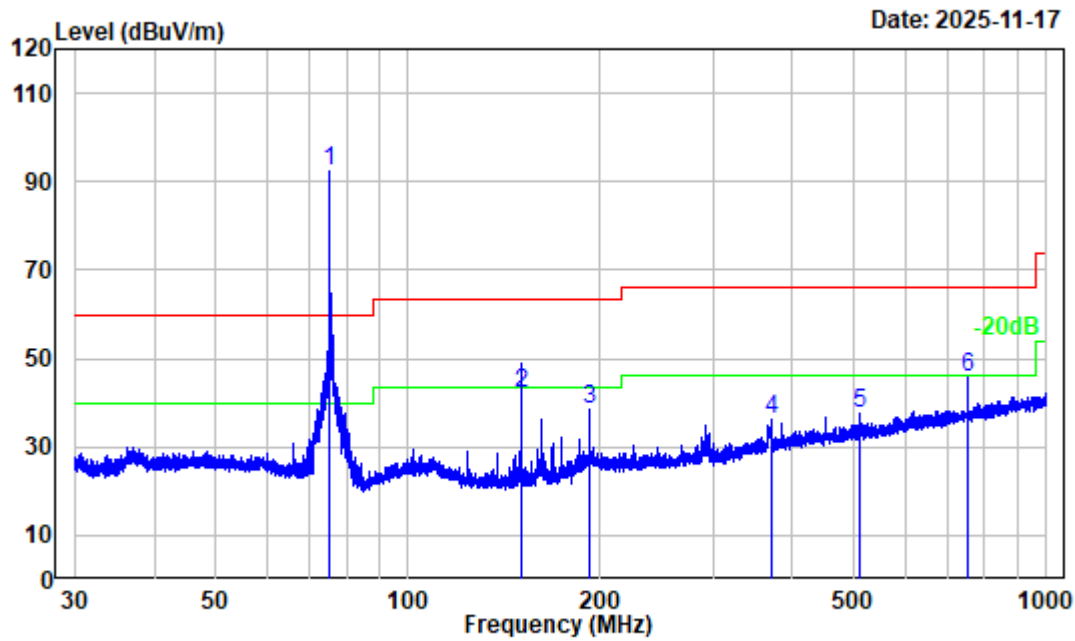
Wideband_75.3MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.215	-16.16	106.60	90.44	118.06	-27.62	Peak
2	150.538	-14.69	53.73	39.04	43.50	-4.46	Average
3	191.997	-10.17	49.77	39.60	63.50	-23.90	Peak
4	226.000	-10.53	46.40	35.87	66.00	-30.13	Peak
5	292.058	-8.96	49.00	40.04	66.00	-25.96	Peak
6	752.743	0.03	44.63	44.66	66.00	-21.34	Peak

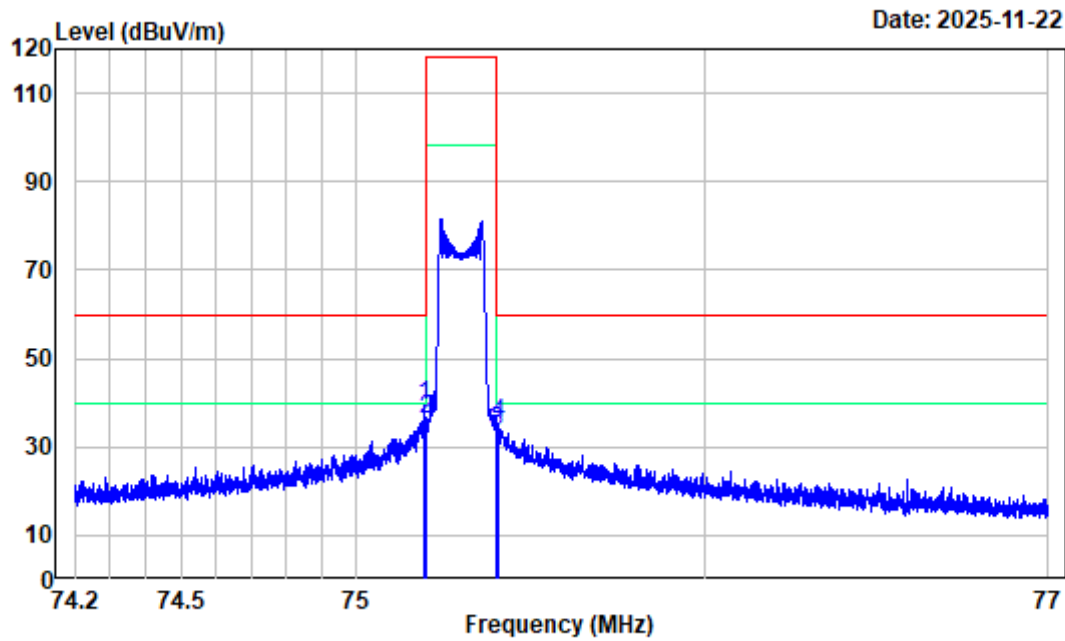
Wideband_75.3MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

		Read		Limit	Over	Remark
Freq	Factor	Level	Level	Line	Limit	
MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.248	-16.17	108.40	92.23	118.06	-25.83 Peak
2	150.538	-14.69	56.77	42.08	43.50	-1.42 Average
3	191.997	-10.17	48.76	38.59	63.50	-24.91 Peak
4	370.865	-6.89	43.21	36.32	66.00	-29.68 Peak
5	510.044	-3.60	41.10	37.50	66.00	-28.50 Peak
6	752.743	0.03	45.92	45.95	66.00	-20.05 Peak

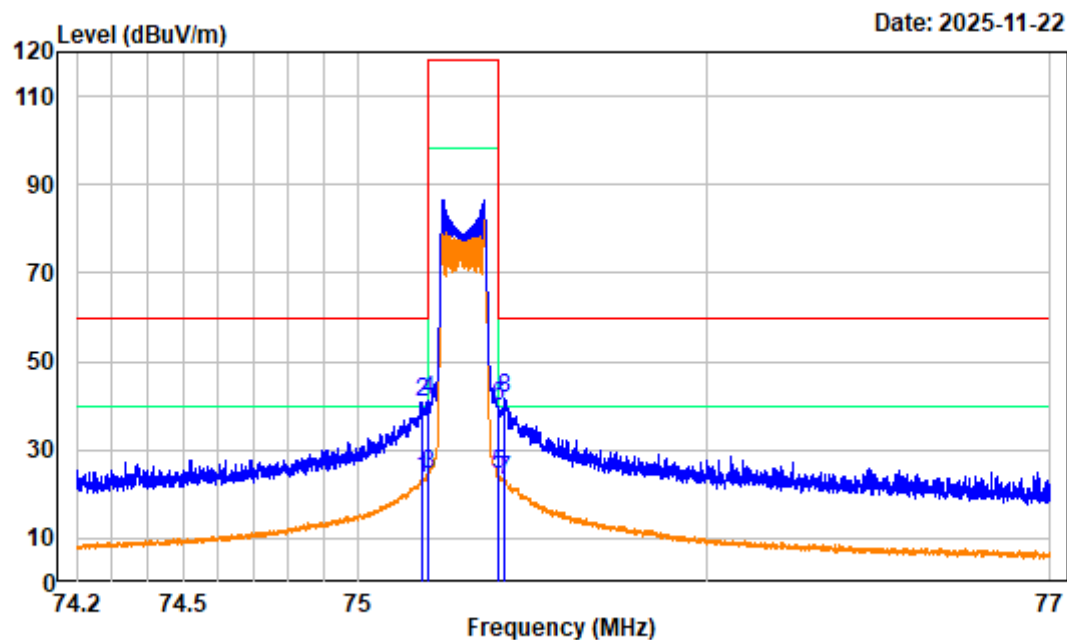
Wideband_75.3MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.3MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.194	-16.16	55.50	39.34	60.00	-20.66	Peak
2	75.200	-16.16	52.37	36.21	60.00	-23.79	Peak
3	75.400	-16.20	49.68	33.48	60.00	-26.52	Peak
4	75.405	-16.20	51.74	35.54	60.00	-24.46	Peak

Wideband_75.3MHz_Bandedge_Vertical



Site : Chamber

Condition : 3m VERTICAL

Job No. : 2504Y13176E-RF

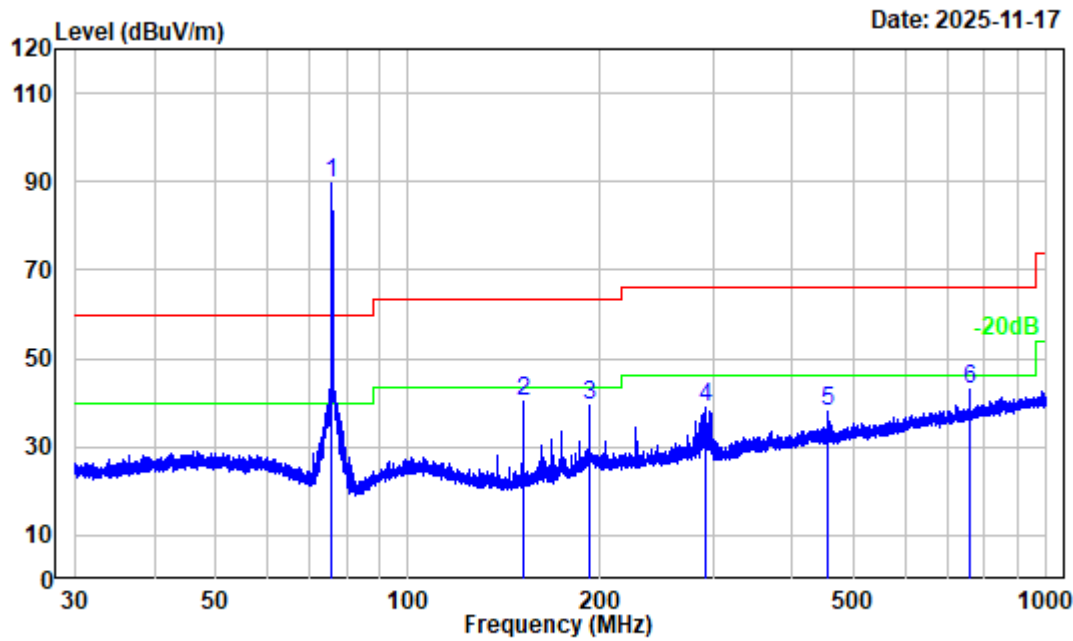
Test Mode : Transmitting Tester: Colin Lin

Note : 75.3MHz Wideband Bandedge

SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq	Factor	Read Level	Read Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.182	-16.16	39.78	23.62	40.00	-16.38	Average
2	75.182	-16.16	57.13	40.97	60.00	-19.03	Peak
3	75.200	-16.16	40.51	24.35	40.00	-15.65	Average
4	75.200	-16.16	57.44	41.28	60.00	-18.72	Peak
5	75.400	-16.20	40.87	24.67	40.00	-15.33	Average
6	75.400	-16.20	55.91	39.71	60.00	-20.29	Peak
7	75.419	-16.20	39.09	22.89	40.00	-17.11	Average
8	75.419	-16.20	57.65	41.45	60.00	-18.55	Peak

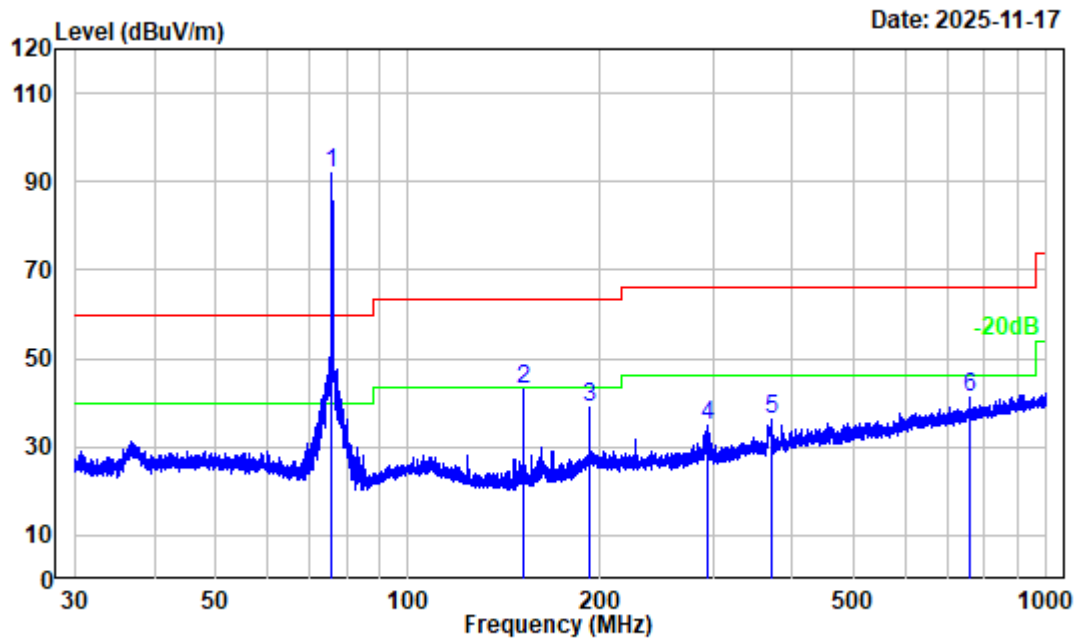
Wideband_75.9MHz_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.911	-16.30	106.13	89.83	118.06	-28.23	Peak
2	151.664	-14.68	55.15	40.47	63.50	-23.03	Peak
3	191.997	-10.17	49.65	39.48	63.50	-24.02	Peak
4	292.956	-8.93	47.79	38.86	66.00	-27.14	Peak
5	455.307	-4.80	42.63	37.83	66.00	-28.17	Peak
6	759.704	-0.49	43.67	43.18	66.00	-22.82	Peak

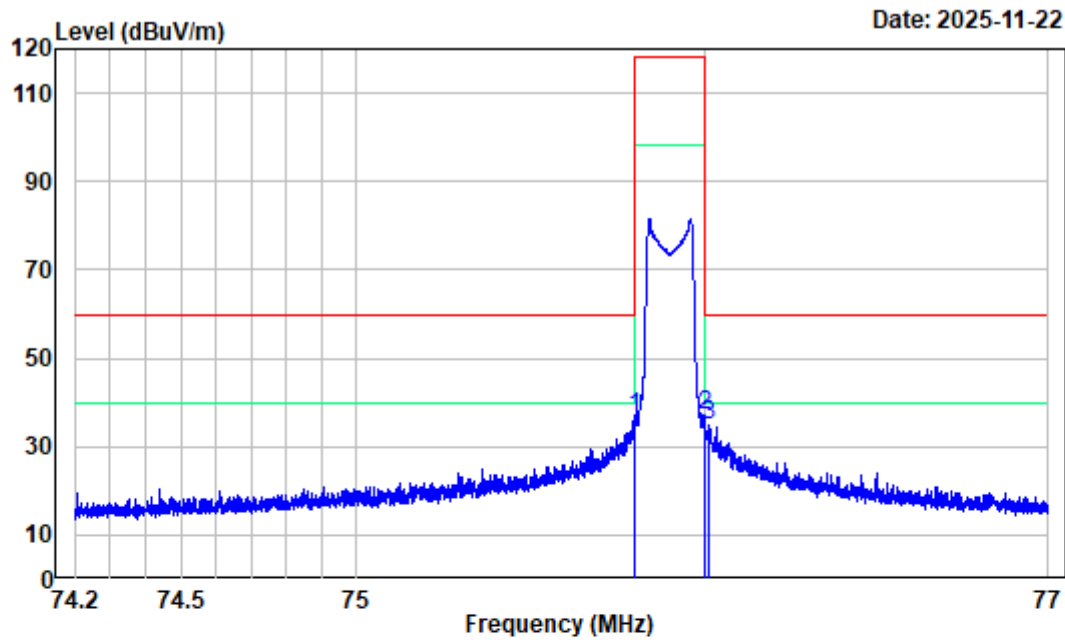
Wideband_75.9MHz_Vertical



Site : Chamber
Condition : 3m VERTICAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Wideband
SA Setting: Peak: RBW:100kHz VBW:300kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	Line	Limit	
1	75.878	-16.30	108.14	91.84	118.06	-26.22	Peak
2	151.930	-14.68	57.70	43.02	63.50	-20.48	Peak
3	192.082	-10.15	48.95	38.80	63.50	-24.70	Peak
4	294.243	-8.91	43.88	34.97	66.00	-31.03	Peak
5	371.516	-6.88	43.25	36.37	66.00	-29.63	Peak
6	759.704	-0.49	41.51	41.02	66.00	-24.98	Peak

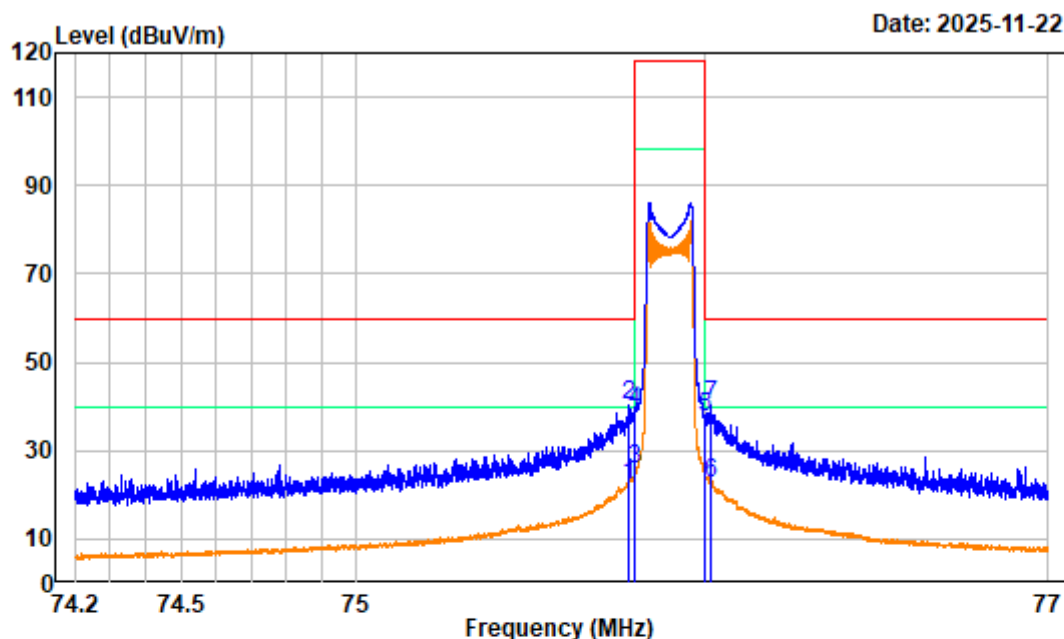
Wideband_75.9MHz_Bandedge_Horizontal



Site : Chamber
Condition : 3m HORIZONTAL
Job No. : 2504Y13176E-RF
Test Mode : Transmitting Tester: Colin Lin
Note : 75.9MHz Wideband Bandedge
SA Setting: Peak: RBW:2kHz VBW:10kHz

	Freq Factor		Read Level		Limit	Over	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.800	-16.28	53.03	36.75	60.00	-23.25	Peak
2	76.000	-16.32	53.61	37.29	60.00	-22.71	Peak
3	76.012	-16.32	51.01	34.69	60.00	-25.31	Peak

Wideband_75.9MHz_Bandedge_Vertical



Site : Chamber

Condition : 3m VERTICAL

Job No. : 2504Y13176E-RF

Test Mode : Transmitting Tester: Colin Lin

Note : 75.9MHz Wideband Bandedge

SA Setting: Peak: RBW:2kHz VBW:10kHz AV:RBW:2kHz VBW:0.01kHz

	Freq	Factor	Read Level	Level	Limit Line	Over Limit	Remark
	MHz	dB/m	dBuV	dBuV/m	dBuV/m	dB	
1	75.781	-16.28	38.63	22.35	40.00	-17.65	Average
2	75.781	-16.28	56.39	40.11	60.00	-19.89	Peak
3	75.800	-16.28	41.89	25.61	40.00	-14.39	Average
4	75.800	-16.28	55.34	39.06	60.00	-20.94	Peak
5	76.000	-16.32	53.69	37.37	60.00	-22.63	Peak
6	76.020	-16.32	38.99	22.67	40.00	-17.33	Average
7	76.020	-16.32	56.69	40.37	60.00	-19.63	Peak

20DB EMISSION BANDWIDTH & OCCUPIED BANDWIDTH

Applicable Standard

According to FCC§15.215(c),

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in § 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.

Limit According to FCC§15.237(b)

Emissions from the intentional radiator shall be confined within a band 200 kHz wide centered on the operating frequency. The 200 kHz band shall lie wholly within the above specified frequency ranges.

According to RSS-Gen §6.7

The occupied bandwidth or the “99% emission bandwidth” is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs.

In some cases, the “x dB bandwidth” is required, which is defined as the frequency range between two points, one at the lowest frequency below and one at the highest frequency above the carrier frequency, at which the maximum power level of the transmitted emission is attenuated x dB below the maximum in-band power level of the modulated signal, where the two points are on the outskirts of the in-band emission.

The following conditions shall be observed for measuring the occupied bandwidth and x dB bandwidth:

- The transmitter shall be operated at its maximum carrier power measured under normal test conditions.
- The span of the spectrum analyzer shall be set large enough to capture all products of the modulation process, including the emission skirts, around the carrier frequency, but small enough to avoid having other emissions (e.g. on adjacent channels) within the span.
- The detector of the spectrum analyzer shall be set to “Sample”. However, a peak, or peak hold, may be used in place of the sampling detector since this usually produces a wider bandwidth than the actual bandwidth (worst-case measurement). Use of a peak hold (or “Max Hold”) may be necessary to determine the occupied / x dB bandwidth if the device is not transmitting continuously.
- The resolution bandwidth (RBW) shall be in the range of 1% to 5% of the actual occupied / x dB bandwidth and the video bandwidth (VBW) shall not be smaller than three times the RBW value. Video averaging is not permitted.

Note: It may be necessary to repeat the measurement a few times until the RBW and VBW are in compliance with the above requirement.

For the 99% emission bandwidth, the trace data points are recovered and directly summed in linear power level terms. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5% of the total is reached, and that frequency recorded. The process is repeated for the highest frequency data points (starting at the highest frequency, at the right side of the span, and going down in frequency). This frequency is then recorded. The difference between the two recorded frequencies is the occupied bandwidth (or the 99% emission bandwidth).

Test Procedure

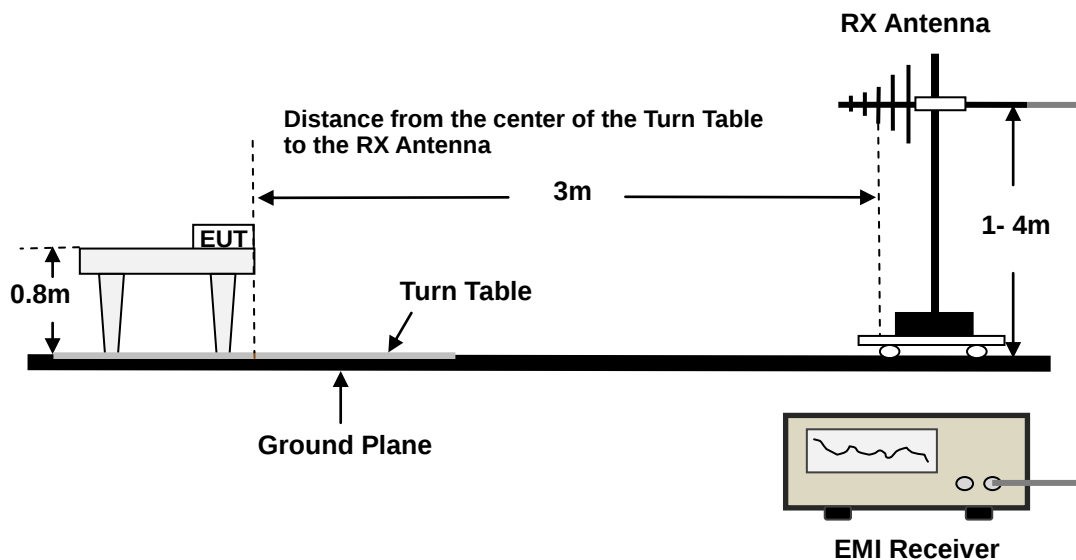
According to ANSI C63.10-2020, section 6.9.

1. Check the calibration of the measuring instrument using either an internal calibrator or a known signal from an external generator.
2. Position the EUT without connection to measurement instrument. Turn on the EUT and connect it to measurement instrument. Then set it to any one convenient frequency within its operating range. Set a reference level on the measuring instrument equal to the highest peak value.
3. Measure the frequency difference of two frequencies that indicated 20dBbandwidth or Use 99% OBW test function to test the 99% OBW bandwidth.
4. Repeat above procedures until all frequencies measured were complete.

Limit According to RSS-210 Annex C.1(a)

The occupied bandwidth shall not exceed the 200 kHz authorized bandwidth and shall lie within the permitted bands.

EUT Setup



Test Data

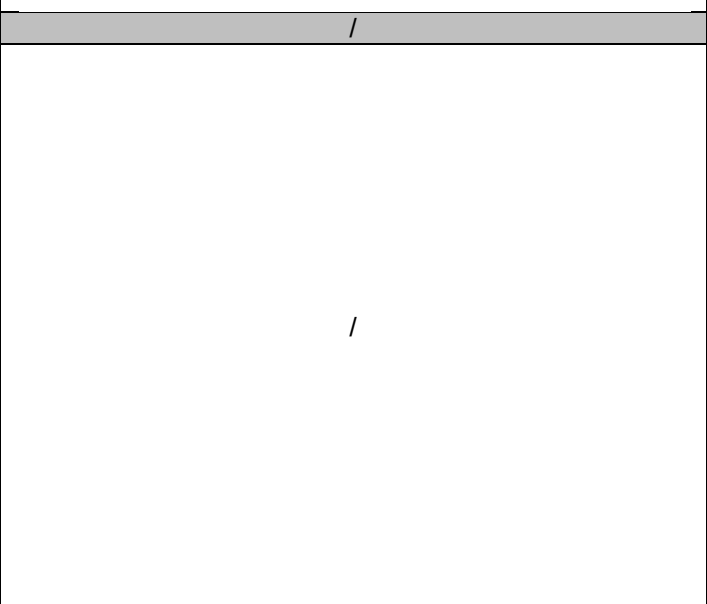
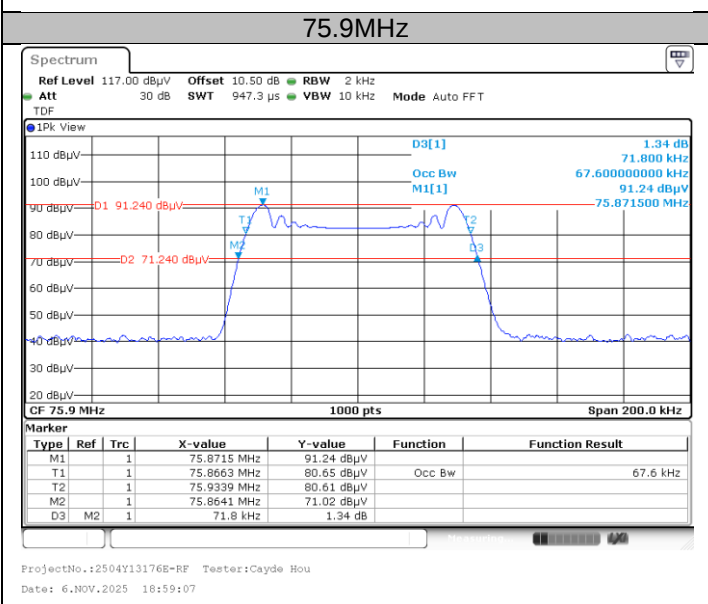
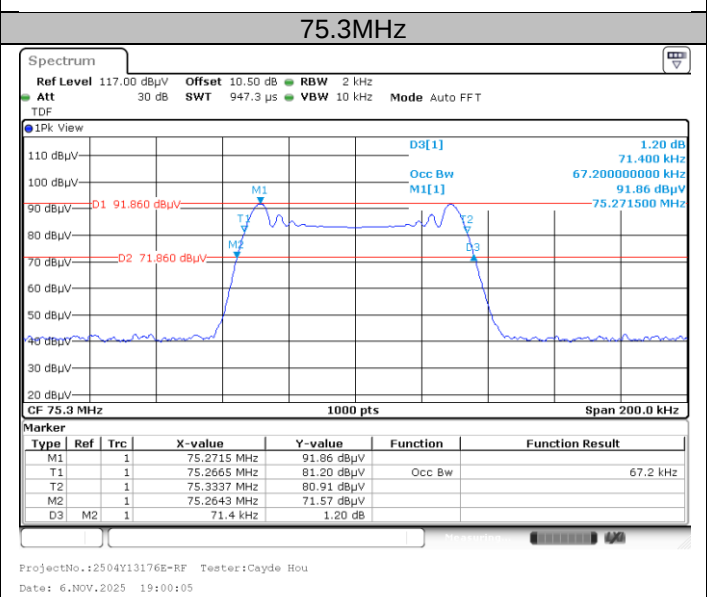
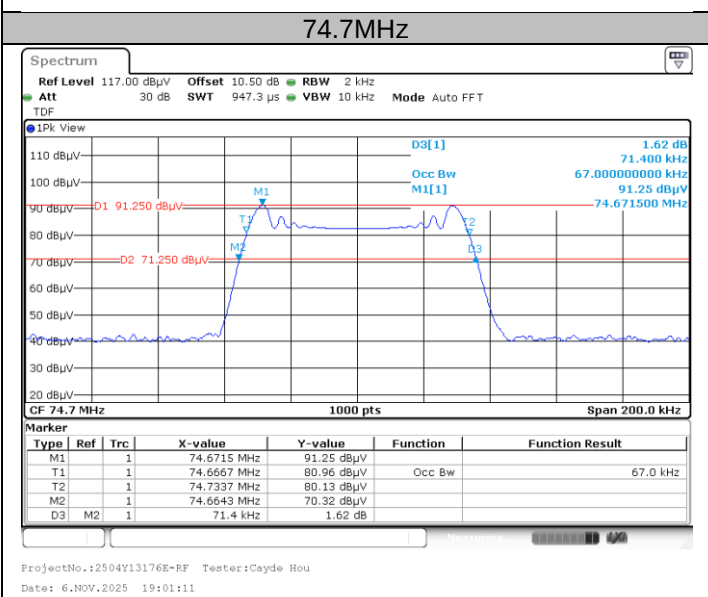
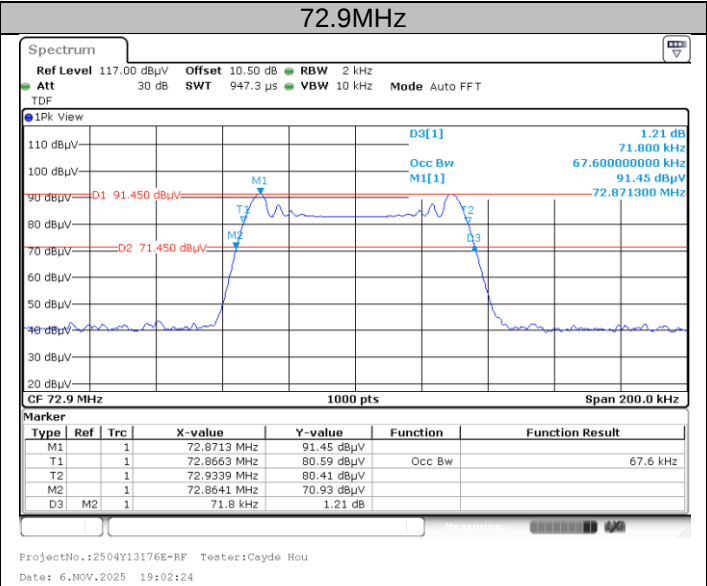
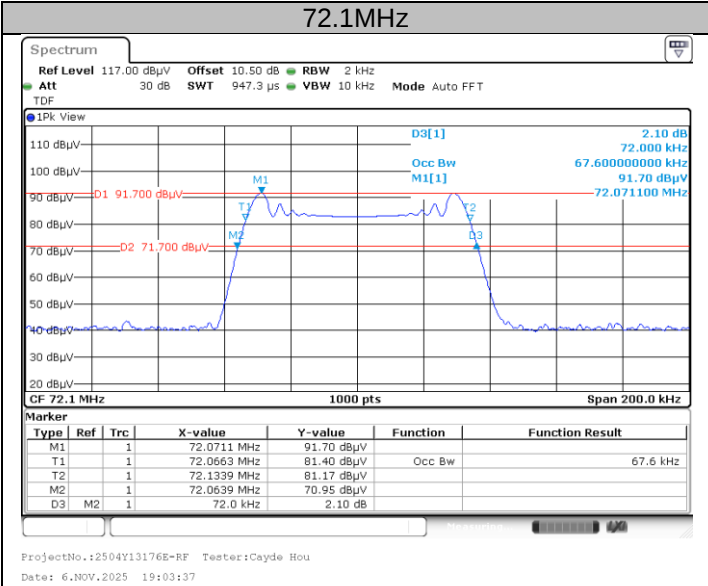
Environmental Conditions

Temperataure:	24 °C
Relative Humidity:	41 %
ATM Pressure:	101.1 kPa
Test Engineer:	Cayde Hou
Test Date:	2025-11-06
EUT Operation Mode:	Transmitting

Test Result: Compliance, please refer to the below data.

Bandwidth	Channel Frequency (MHz)	OBW (kHz)	20dB BW (kHz)	Limit (kHz)
Narrowband	72.1	67.6	72.0	200
	72.9	67.6	71.8	200
	74.7	67.0	71.4	200
	75.3	67.2	71.4	200
	75.9	67.6	71.8	200
Wideband	72.1	128.4	133.7	200
	72.9	127.5	133.2	200
	74.7	126.6	132.6	200
	75.3	126.6	132.3	200
	75.9	126.9	132.6	200

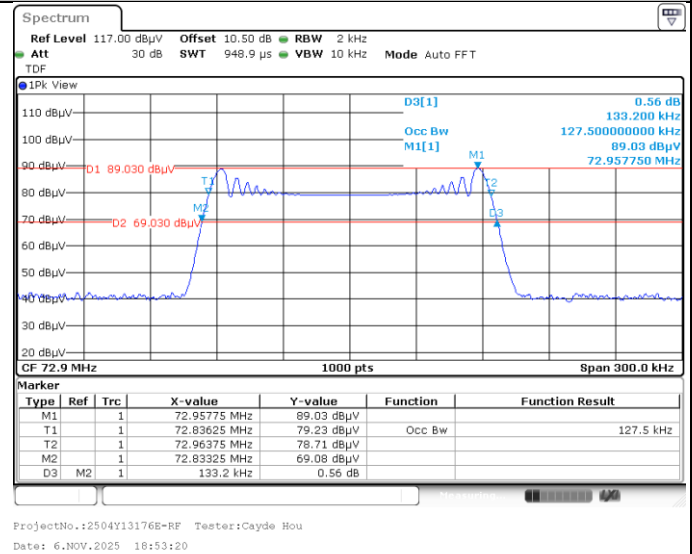
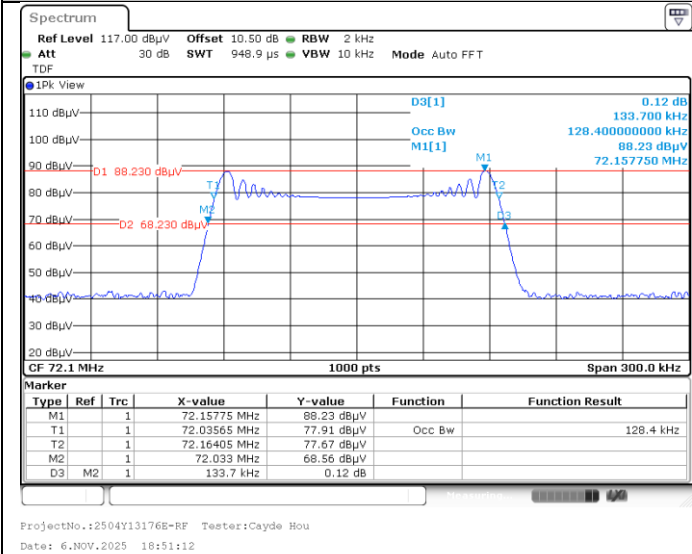
Narrowband:



Wideband:

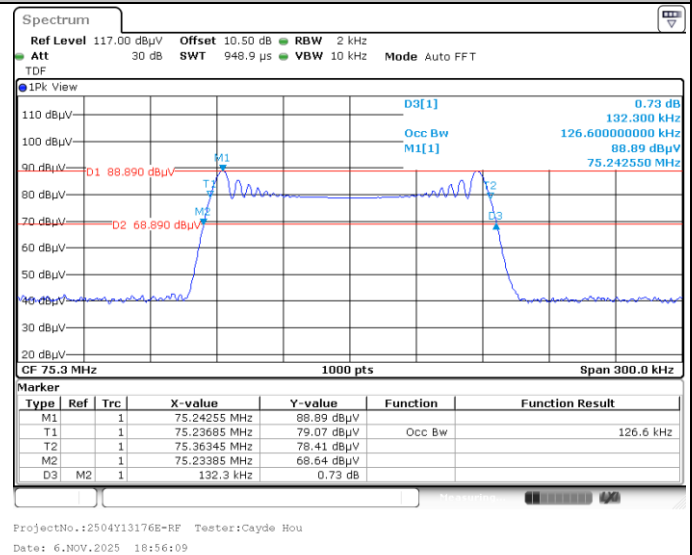
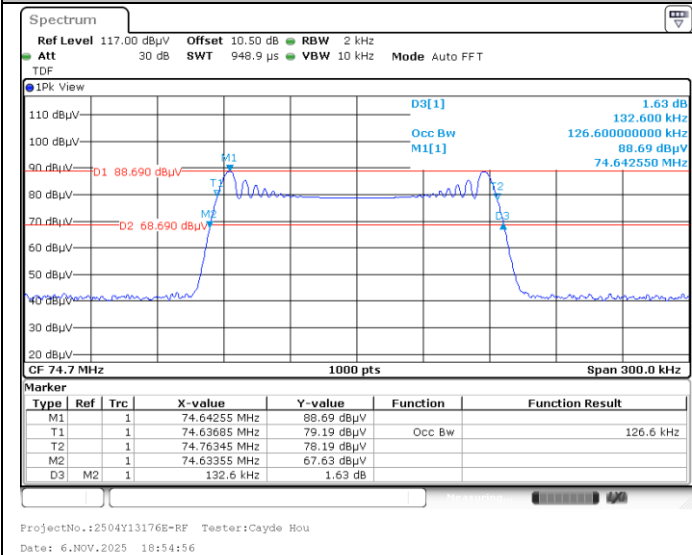
72.1MHz

72.9MHz



74.7MHz

75.3MHz



75.9MHz

/

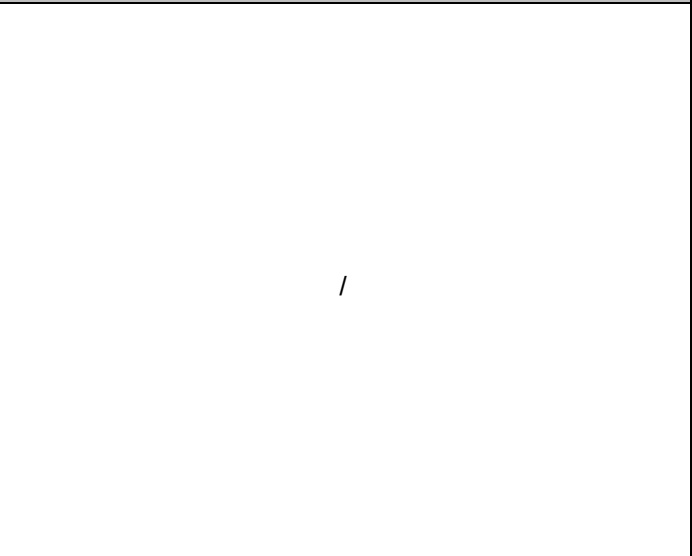
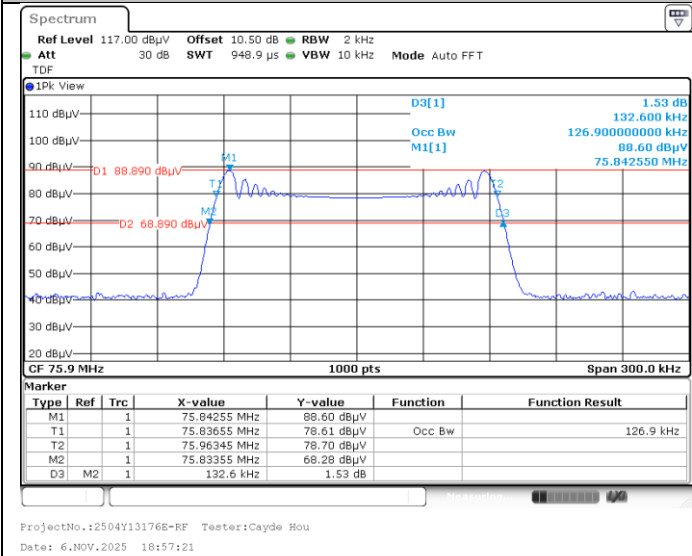


EXHIBIT A-EUT PHOTOGRAPHS

Please refer to the Attachment No.1 2504Y13176E-RF EUT External Photos and Attachment No.2 2504Y13176E-RF EUT Internal Photos.

EXHIBIT B-TEST SETUP PHOTOGRAPHS

Please refer to the Attachment No.3 2504Y13176E-RF Test Photos.

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