

Test report No:
2610076R.701B

FCC TEST REPORT

Product Name	Insta360 Luna Ultra
Trademark	Insta360
Model and /or type reference	CINSABTA
FCC ID	2AWWH-CINSABTA
Applicant's name / address	Arashi Vision Inc. 11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 518000 Shenzhen, Guangdong, China
Test method requested, standard	47 CFR FCC Part 15 (Section 15.247) ANSI C63.10: 2020
Verdict Summary	IN COMPLIANCE
Tested By (name / position & signature)	Tim Cao / Project Manager 
Approved by (name / position & signature)	Frank He / Technical Manager 
Date of issue	2026-02-26
Report Version	V1.0
Report template No.	Template_FCC Part 15C-RF-V1.0

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COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

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GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Facility	A2LA (Certificate No. 3235.01) CNAS (Certificate No. L5313) FCC - Designation Number: CN1199 Test Firm Registration Number: 566524 ISED - CAB identifier: CN0040 IC#: 4075B
Date (receive sample)	Jan. 05, 2026
Date (start test)	Jan. 10, 2026
Date (finish test)	Feb. 09, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to account the uncertainty associated with the measurement result.

DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2610076R.701B	V1.0	Initial issue of report.	2026-02-26

TEST SUMMARY

Requirement – Test Item	Standard(s)	Verdict	Remark
DTS Bandwidth	FCC 15.247(a)(2)	PASS	Test data please refer to Appendix
Maximum conducted output power	15.247 (b)(3)	PASS	Test data please refer to Appendix
Maximum power spectral density	FCC 15.247(e)	PASS	Test data please refer to Appendix
Band edge measurements	FCC 15.247(d) FCC 15.205 FCC 15.209	PASS	Test data please refer to Appendix
Conducted Spurious Emission	FCC 15.247(d), FCC 15.209	PASS	Test data please refer to Appendix
Duty cycle	ANSI C63.10	PASS	Test data please refer to Appendix
Emissions in Restricted Bands	FCC 15.205 FCC 15.209	PASS	Test data please refer to Appendix
AC Power Line Conducted Emission	FCC 15.207	PASS	Test data please refer to Appendix
Antenna Requirement	FCC 15.203	PASS	---

USED EQUIPMENT

Conducted Test – TR8

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Wireless Connectivity Tester	R&S	CMW 270	102593	2025.05.10	2026.05.09
High and low temperature and fast	ASTUOD	ASTD-FBT-225K	N/A	2025.03.15	2026.03.14
Temperature/Humidity Meter	RTS	RTS-8S	RF08	2025.06.17	2026.06.16
MAX Signal Analyzer	Keysight	N9020B	MY59050482	2025.05.10	2026.05.09
RF Control Unit	Tonscend	JS0806-2	22G8060594	2025.12.07	2026.12.06
Vector Signal Generator	R&S	SMM 100A	101853	2025.09.20	2026.09.19
EXG-B MW Analog Signal Generator	Keysight	N5173B	MY61252566	2025.05.10	2026.05.09
Test Software	Tonscend	TS1120	JS1120-3	N/A	N/A

Radiated Emission(9KHz-1GHz) / AC2

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Anechoic chamber	Quietek	9m*6m*6m	AC2	2024.07.07	2027.07.06
EMI Test Receiver	R&S	ESCI	100573	2025.12.07	2026.12.06
Bilog Antenna	Teseq GmbH	CBL6112D	27611	2025.03.24	2026.03.23
Temperature/Humidity Meter	RTS	RTS-1909	THM-021	2025.04.30	2026.04.29
Dekra test software	Dekra	N/A	N/A	N/A	N/A

AC Power Line Conducted Emission / TR1

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding room	Quietek	4.9m*4m*3m	TR1	2023.03.04	2026.03.03
EMI Test Receiver	R&S	ESR7	102086	2025.12.07	2026.12.06
Two-Line V-Network	R&S	ENV216	101189	2025.05.10	2026.05.09
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2025.03.16	2026.03.15
Temperature/Humidity Meter	RTS	RTS-1909	THM-012	2025.04.30	2026.04.29
Dekra test software	Dekra	N/A	N/A	N/A	N/A

Radiated Emission Band Edge / AC5

Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Anechoic chamber	Quietek	9m*6m*6m	AC5	2024.07.07	2027.07.06
DRG Horn Antenna	ETS-Lindgren	3117	167055	2025.08.14	2026.08.13
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	294	2025.06.22	2026.06.21
MXA Signal Analyzer	Keysight	N9020B	MY60112218	2025.09.20	2026.09.19
Pre-Amplifier	XH	LNA1845	LNA23040284	2025.05.17	2026.05.16
Pre-Amplifier	CY	EMC184045SE	980263	2025.05.10	2026.05.09
Filter Switch Box	MVE	MSW-F196	C070001S	2025.03.15	2026.03.14
Temperature/Humidity Meter	RTS	RTS-1909	THM-001	2025.08.22	2026.08.21
Temperature/Humidity Meter	RTS	RTS-1909	THM-024	2025.04.30	2026.04.29
Test Software	Tonscend	JS1120	JS36-RE	N/A	N/A

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Test item Test Location	Uncertainty
AC Power Line Conducted Emission	9kHz~150kHz: 2.8 dB 150kHz~30MHz: 2.4 dB
Peak Power Output	± 1.3 dB
Radiated Emission(30MHz~1GHz)	Horizontal: 30MHz~200MHz: 3.5 dB 300MHz~1GHz: 3.6 dB Vertical: 30MHz~200MHz: 3.6 dB 300MHz~1GHz: 3.5 dB
Radiated Emission(1GHz~26.5GHz)	Horizontal: 1GHz~18GHz: 5.0 dB Vertical: 1GHz~18GHz: 4.8 dB Horizontal: 18GHz~26.5GHz: 5.3 dB Vertical: 18GHz~26.5GHz: 4.9 dB
RF antenna conducted test	± 1.3 dB
Carrier Frequency Separation	± 1.0 kHz
Number of Hopping Frequencies	± 1.0 kHz
Time of Occupancy (Dwell Time)	± 0.10 us
Radiated Emission Band Edge	± 3.9 dB
DTS Bandwidth	± 1.0 kHz
Occupied Bandwidth	± 1.0 kHz
Power Density	± 1.3 dB

1 GENERAL INFORMATION

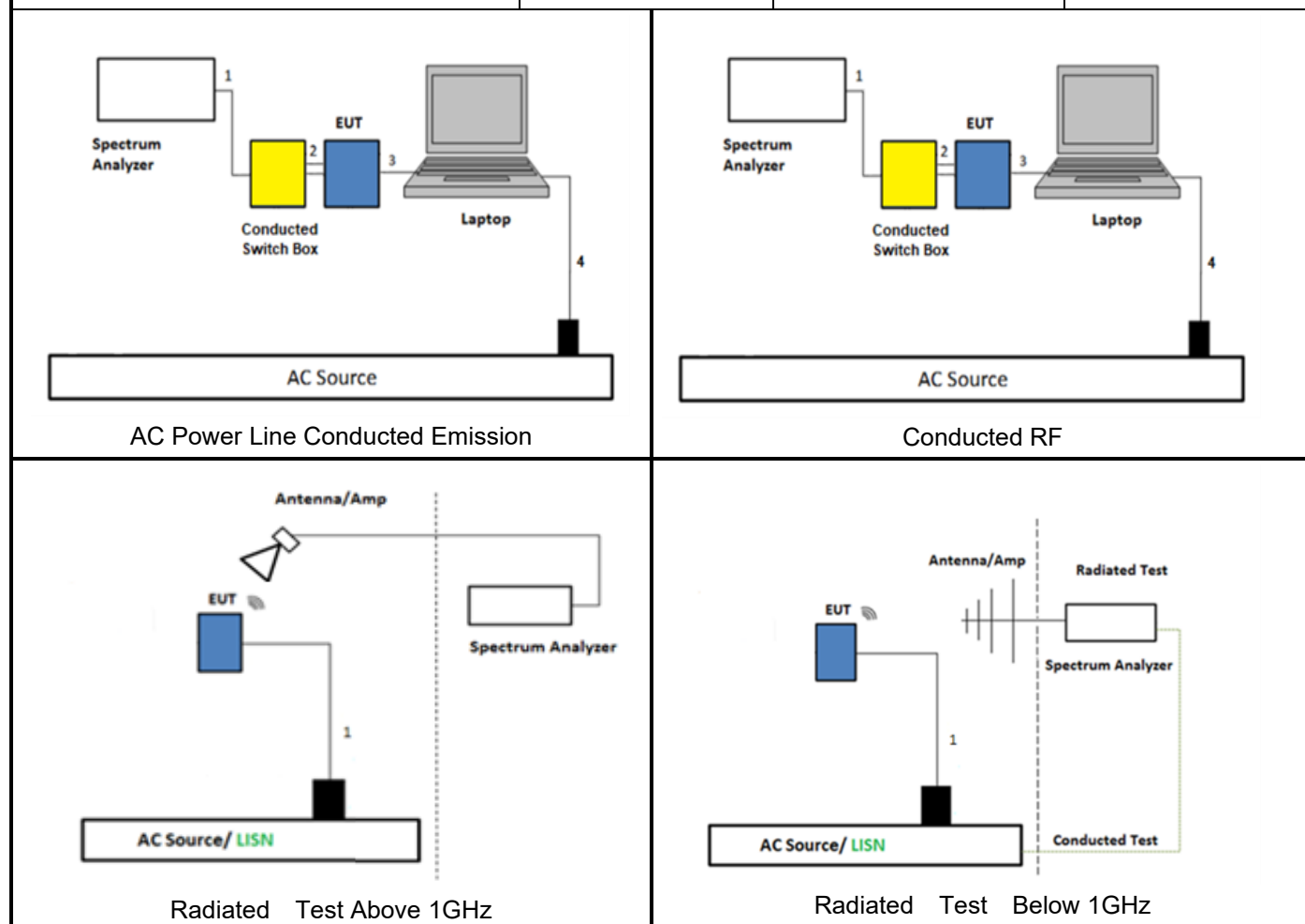
Product Name	Insta360 Luna Ultra	
Model No.	CINSABTA	
Trademark	Insta360	
FCC ID.....	2AWWH-CINSABTA	
Hardware Version.....	V10	
Software Version	V1.2.51	
Manufacturer	Arashi Vision Inc.	
Manufacturer Address	11th Floor, Building 2, Jinlitong Financial Center, Bao'an District, 518000 Shenzhen, Guangdong, China	
Power Supply	3.85 Vdc, EUT is equipped with an adapter to power it via AC/DC.	
SN.....	RF Conducted	Z03LJA251200426
	RSE	Z03LJA251200353
Wireless specification	Wi-Fi	
Wireless specification	802.11b / g / n / ax	
Operating frequency range(s)	2412~2462MHz	
Type of Modulation	DSSS / OFDM / OFDMA	
Smart System	☒	SISO
	☒	MIMO-CDD
Device category	☐	Fixed point-to-point
	☐	Emit multiple directional beams, simultaneously or sequentially
	☒	Other cases
Antenna type	FPC	
Antenna Gain	Ant1: 0.64 dBi; Ant2: 0.75 dBi	
Remark: 1. As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information. 2. EUT supports SISO Ant 1 antenna mode, SISO Ant 2 mode. What is shown in the report is the data of the worst antenna mode. 3. The EUT is equipped with two batteries from different brands; only the manufacturers are different, everything else is identical, and the report only reflects data from the worst-performing battery.		

Power setting in test

2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Power Setting
	802.11b 1Mbps	1	2412	17
		6	2437	17
		11	2462	17
	802.11g 6Mbps	1	2412	17
		6	2437	17
		11	2462	17
	802.11n-HT20 MCS0	1	2412	15
		6	2437	15
		11	2462	12
	802.11ax-HE20 MCS0	1	2412	13
		6	2437	15
		11	2462	12

2 DESCRIPTION OF TEST SETUP

Auxiliary equipment	Type / Version	Manufacturer	Supplied by
(1) Notebook	Think pad x220	Lenovo	Adapter
(2) Ethernet cable	N/A	N/A	N/A
(3) Ethernet cable	N/A	N/A	N/A
Software	Type / Version	Manufacturer	Supplied by
ADB	N/A	N/A	N/A



Accessories Information	Cable		
	Length used during test [m]	Attached during test	Shielded
(2) Ethernet cable	1	☒	☒
(3) Ethernet cable	8	☒	☒

3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

3.1 Standards

Standard	Year	Description
FCC CFR Title 47 Part 15 Subpart C Section 15.247	2020	Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.
ANSI C63.10	2020	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01V05r02	2019	Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247
KDB 662911 D01V02r01	2020	Provision to Allow Measurement of Directional Gain of Multi-Antenna Systems for Compliance Verification

3.2 Deviation(s) from the Standard(s) / Test Specification(s)

The following deviation(s) was / were made from the published requirements of the listed standards: N/A.

(Please define the deviations from the standard(s) if applicable)

4 TEST RESULTS

4.1 AC Power Line Conducted Emission

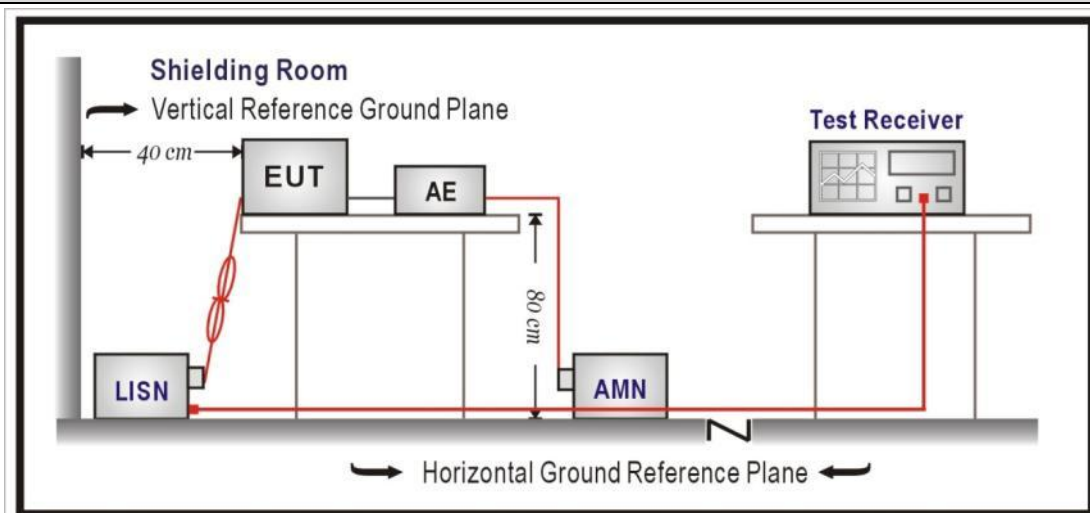
VERDICT: PASS

4.1.1 Limit

Standard			FCC Part 15 Subpart C Paragraph 15.207
Frequency range [MHz]	Limit: QP [dB(μV) ¹⁾]	Limit: AV [dB(μV) ¹⁾]	
0,15 - 0,50	66 - 56 ²⁾	56 - 46 ²⁾	
0,50 - 5,0	56	46	
5,0 - 30	60	50	

¹⁾ At the transition frequency, the lower limit applies.
²⁾ The limit decreases linearly with the logarithm of the frequency.

4.1.2 Test Setup



4.1.3 Test Procedure

	References Rule	Chapter	Item
☒	ANSI C63.10	6.2	Standard test method for ac power-line conducted emissions from unlicensed wireless devices

4.2 Emissions in restricted frequency bands**VERDICT: PASS****4.2.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.205; 15.209
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Restricted Bands of operation for FCC

Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (GHz)
0.090 – 0.110	16.42 – 16.423	399.9 – 410	4.5 – 5.15
0.495 – 0.505	16.69475 – 16.69525	608 – 614	5.35 – 5.46
2.1735 – 2.1905	16.80425 – 16.80475	960 – 1240	7.25 – 7.75
4.125 – 4.128	25.5 – 25.67	1300 – 1427	8.025 – 8.5
4.17725 – 4.17775	37.5 – 38.25	1435 – 1626.5	9.0 – 9.2
4.20725 – 4.20775	73 – 74.6	1645.5 – 1646.5	9.3 – 9.5
6.215 – 6.218	74.8 – 75.2	1660 – 1710	10.6 – 12.7
6.26775 – 6.26825	108 – 121.94	1718.8 – 1722.2	13.25 – 13.4
6.31175 – 6.31225	123 – 138	2200 – 2300	14.47 – 14.5
8.291 – 8.294	149.9 – 150.05	2310 – 2390	15.35 – 16.2
8.362 – 8.366	156.52475 – 156.52525	2483.5 – 2500	17.7 – 21.4
8.37625 – 8.38675	156.7 – 156.9	2690 – 2900	22.01 – 23.12
8.81425 – 8.81475	162.0125 – 167.17	3260 – 3267	23.6 – 24.0
12.29 – 12.293	167.72 – 173.2	3332 – 3339	31.2 – 31.8
12.51975 – 12.52025	240 – 285	3345.8 – 3358	36.43 – 36.5
12.57675 – 12.57725	322 – 335.4	3600 – 4400	Above 38.6
13.36 – 13.41	--	--	--

Restricted Band Emissions Limit

Frequency (MHz)	Field strength (μV/m)	Field strength (dBμV/m)	Measurement distance (m)
0.009 - 0.49	2400/F(kHz)	48.5 – 13.8	300 _(Note 1)
0.49 - 1.705	24000/F(kHz)	33.8 - 23	30 _(Note 1)
1.705 - 30	30	29.5	30 _(Note 1)
30 - 88	100	40	3 _(Note 2)
88 - 216	150	43.5	3 _(Note 2)
216 - 960	200	46	3 _(Note 2)
Above 960	500	54	3 _(Note 2)

Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade).

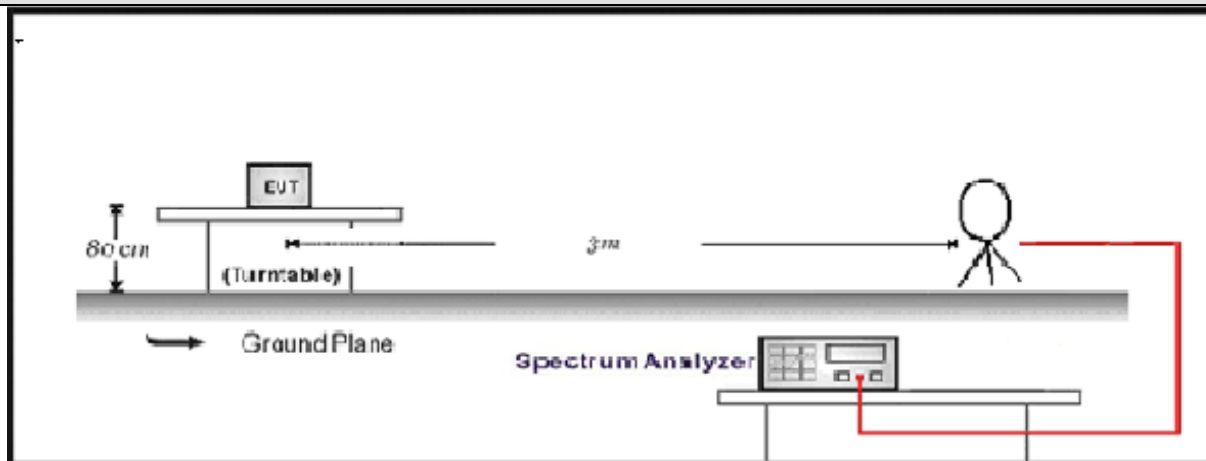
Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment.

Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation

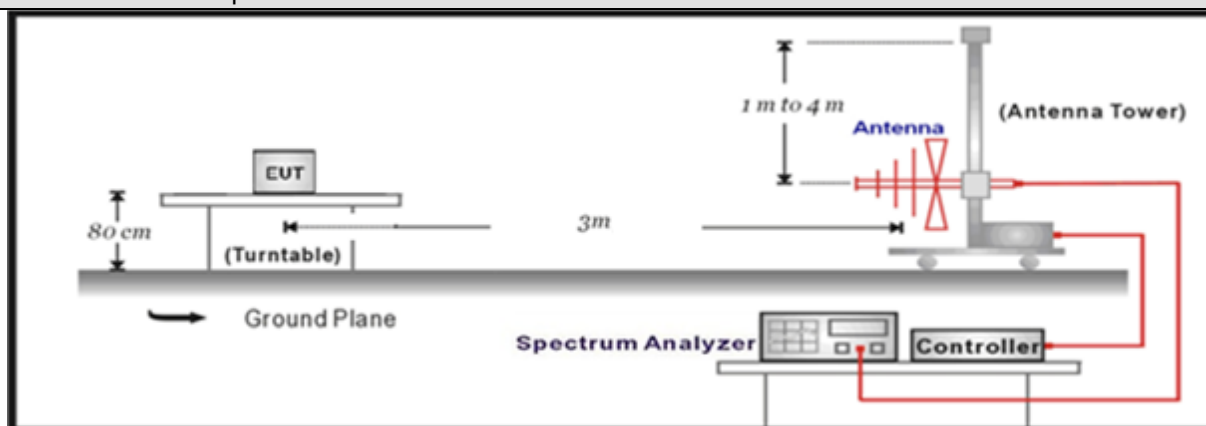
factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

4.2.2 Test Setup

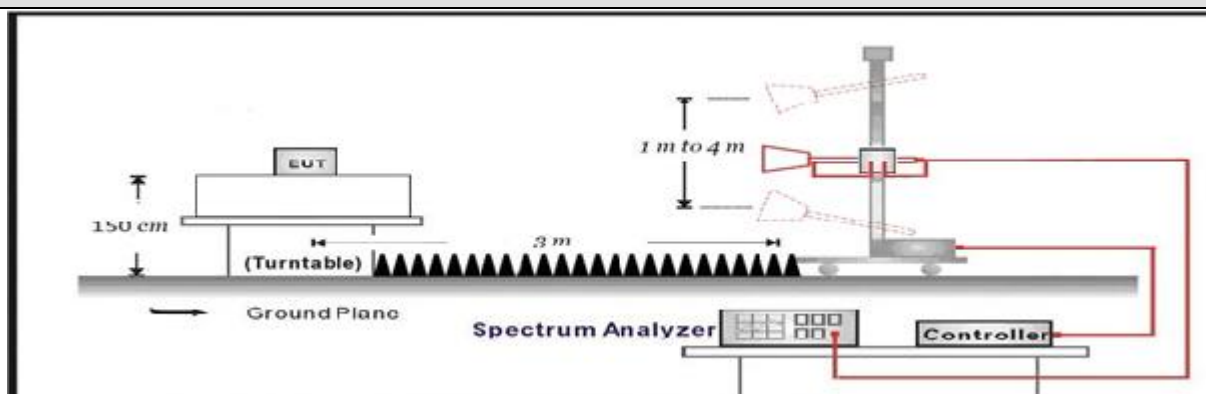
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



Above 1GHz Test Setup:



4.2.3 Test Procedure

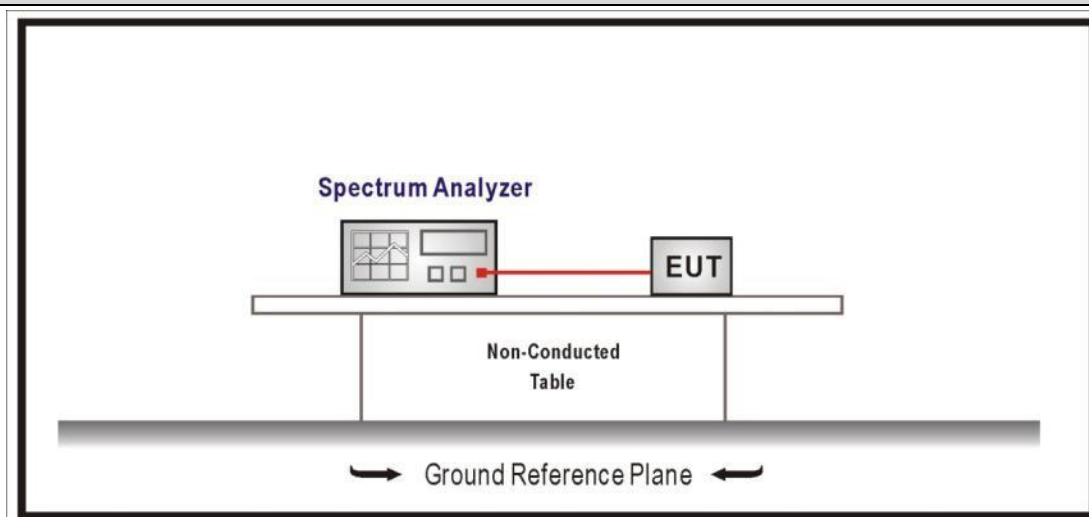
	References Rule		Chapter	Description
☒	ANSI C63.10		11.12	Emissions in restricted frequency bands
	☒	ANSI C63.10	11.12.1	Radiated emission measurements
	☒	ANSI C63.10	6.3	Radiated spurious emission test
	☒	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
	☒	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
	☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

4.3 Emissions in non-restricted frequency band**VERDICT: PASS****4.3.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.247(d)
RF Output power (Detection methods)	Limit(dB)
RF Output power(Average detector)	30dBc(Note1)
RF Output power(PK detector)	20dBc(Note2)

Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

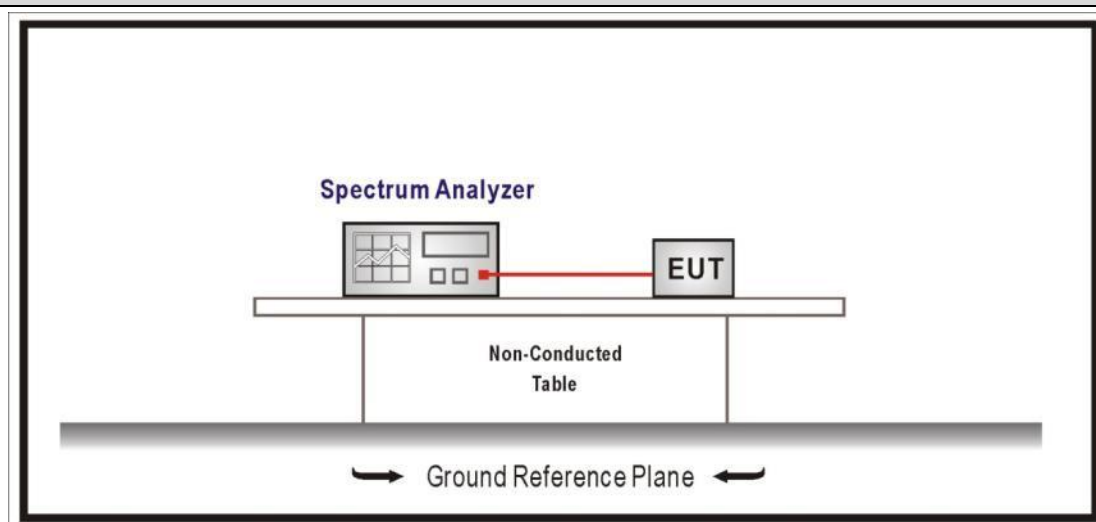
Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

4.3.2 Test Setup**4.3.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	11.11	Emissions in non-restricted frequency bands
☒	ANSI C63.10	11.11.1	General
☒	ANSI C63.10	11.11.2	Reference level measurement
☒	ANSI C63.10	11.11.3	Emission level measurement

4.4 Duty cycle**VERDICT: PASS****4.4.1 Limit**

N/A

4.4.2 Test Setup**4.4.3 Test Procedure**

References Rule		Chapter	Description
☒	ANSI C63.10	11.6	Duty cycle (D), transmission duration (T), and maximum power control level

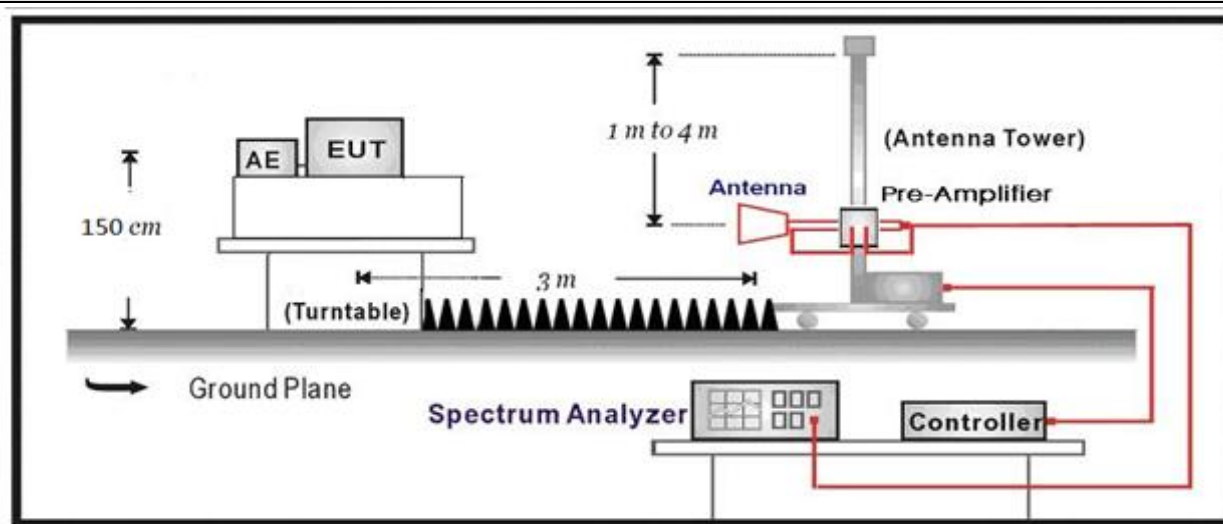
4.5 Radiated Emission Band Edge**VERDICT: PASS****4.5.1 Limit**

Standard		FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209		
Frequency bands (MHz)	Detector	Limit (dB μ V/m)	RBW (MHz)	Distance (m)
2310-2390	PK	74	1	3
2483.5-2500	AV	54	1	3

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

4.5.2 Test Setup

Above 1GHz Test Setup:

**4.5.3 Test Procedure**

	References Rule	Chapter	Description
☒	ANSI C63.10	6.10	Band-edge testing
☒	☒ ANSI C63.10	6.10.5	Restricted-band band-edge measurements
☐	☐ ANSI C63.10	6.10.6	Marker-delta method
☒	ANSI C63.10	11.12	Emissions in restricted frequency bands
☒	☒ ANSI C63.10	11.12.1	Radiated emission measurements
☒	☒ ANSI C63.10	6.3	Radiated spurious emission test
☐	ANSI C63.10	6.4	Radiated emissions from unlicensed wireless devices below 30 MHz
☐	ANSI C63.10	6.5	Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz
☒	ANSI C63.10	6.6	Radiated emissions from unlicensed wireless devices above 1 GHz

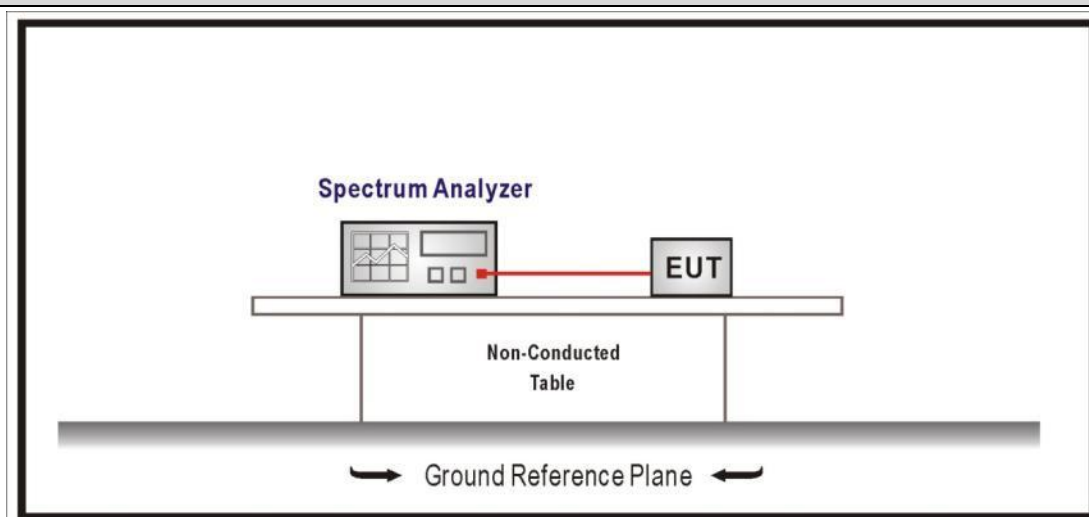
4.6 DTS Bandwidth**VERDICT: PASS****4.6.1 Limit**

Standard	FCC Part 15 Subpart C Paragraph 15.247 (a)(2)
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Systems using digital modulation techniques operate in the 2400-2483.5 MHz. The minimum 6 dB bandwidth shall be at least 500 kHz

Standard	ANSI C63.10 Paragraph 6.7
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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. The occupied bandwidth should be within the required frequency range.

4.6.2 Test Setup**4.6.3 Test Procedure**

	Reference Rule	Chapter	Description
☒	ANSI C63.10	11.8	DTS bandwidth
	☒ ANSI C63.10	11.8.1	Option 1
	☐ ANSI C63.10	11.8.2	Option 2
☒	ANSI C63.10	6.9	Occupied bandwidth
	☐ ANSI C63.10	6.9.2	relative measurement procedure
	☒ ANSI C63.10	6.9.3	power bandwidth (99%) measurement procedure

4.7 Fundamental emission output power

VERDICT: PASS

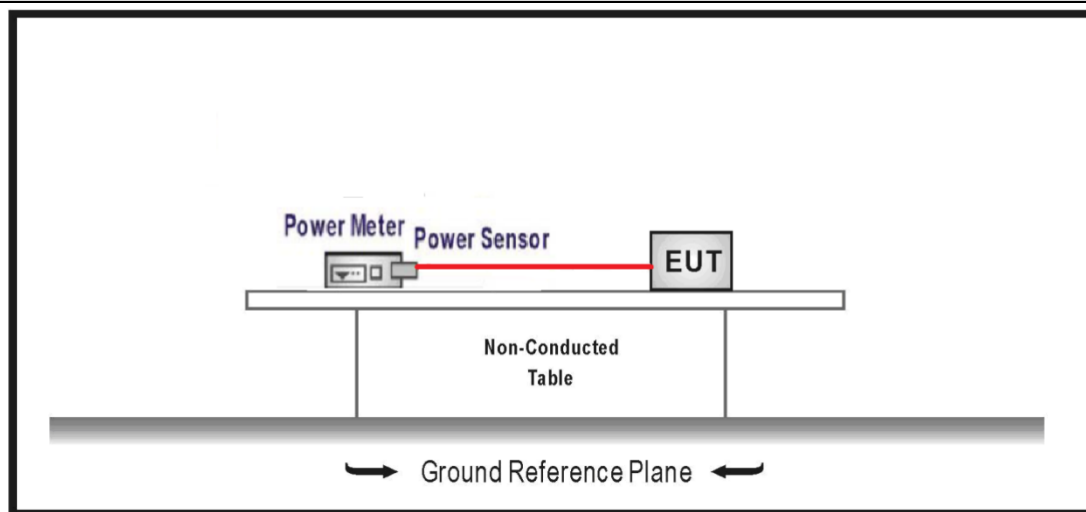
4.7.1 Limit

Standard		FCC Part 15 Subpart C Paragraph 15.247 (b)(3)
☒	GTX < 6dBi	Pout ≤ 30dBm
☐	GTX > 6dBi	
☐	Non-Fix point-point	Pout ≤ 30 - (GTX - 6)
☐	Fix point-point	Pout ≤ 30 - [(GTX - 6)]/3
☐	Point-to-multipoint	Pout ≤ 30 - (GTX - 6)
☐	Overlap Beams	Pout ≤ 30 - [(GTX - 6)]/3
☐	Avgregate power transmitted simultaneously on all beams	Pout ≤ 30 - [(GTX - 6)]/3
☐	single directional beam	Pout ≤ 30 - [(GTX - 6)]/3 + 8dB

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum conducted output power .

4.7.2 Test Setup

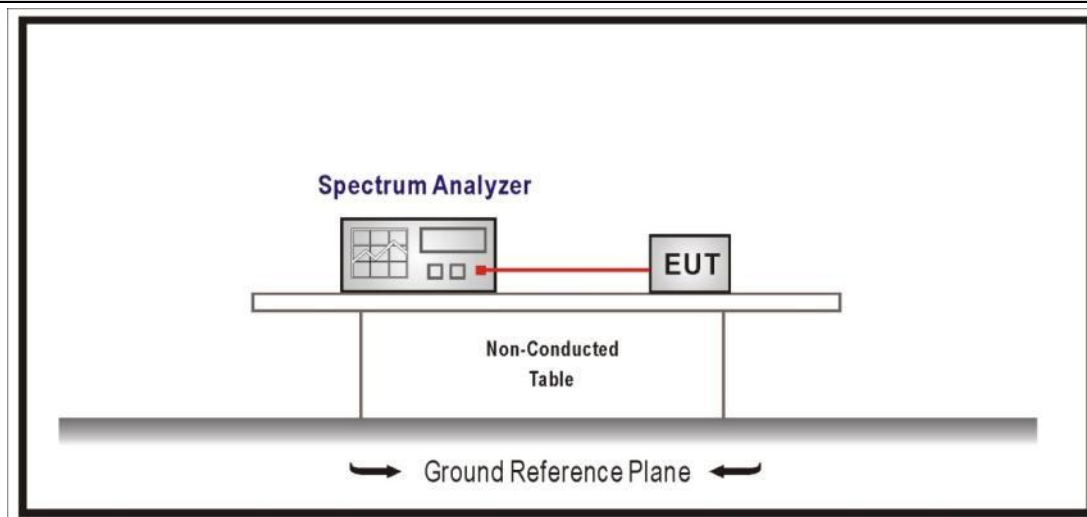


4.7.3 Test Procedure

	References Rule		Chapter	Description
☒	ANSI C63.10		11.9	Fundamental emission output power
☒	ANSI C63.10		11.9.1	Maximum peak conducted output power
☐	☐	ANSI C63.10	11.9.1.1	RBW ≥ DTS bandwidth
☒	☒	ANSI C63.10	11.9.1.2	PKPM1 Peak power meter method

4.8 Power Density**VERDICT: PASS****4.8.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 15.247 (e)

Power Spectral Density $\leq 8\text{dBm}/3\text{kHz}$ **4.8.2 Test Setup****4.8.3 Test Procedure**

	References Rule	Chapter	Description
☒	ANSI C63.10	11.10	Maximum power spectral density level in the fundamental emission
☒	ANSI C63.10	11.10.2	Method PKPSD (peak PSD)
☒	KDB 662911	E2)c)	In-Band Power Spectral Density (PSD) Measurements

4.9 Antenna Requirement**VERDICT: PASS****4.9.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 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. This requirement does not apply to carrier current devices or to devices operated under the provisions of §15.211, §15.213, §15.217, §15.219, or §15.221. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

4.9.2 Antenna Connector Construction:

- | | |
|-------------------------------------|--|
| ☒ | The use of a permanently attached antenna |
| ☐ | The antenna use of a unique coupling to the intentional radiator |
| ☐ | The use of a nonstandard antenna jack or electrical connector |

Please refer to the attached document "Internal Photograph" to show the antenna connector.

5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

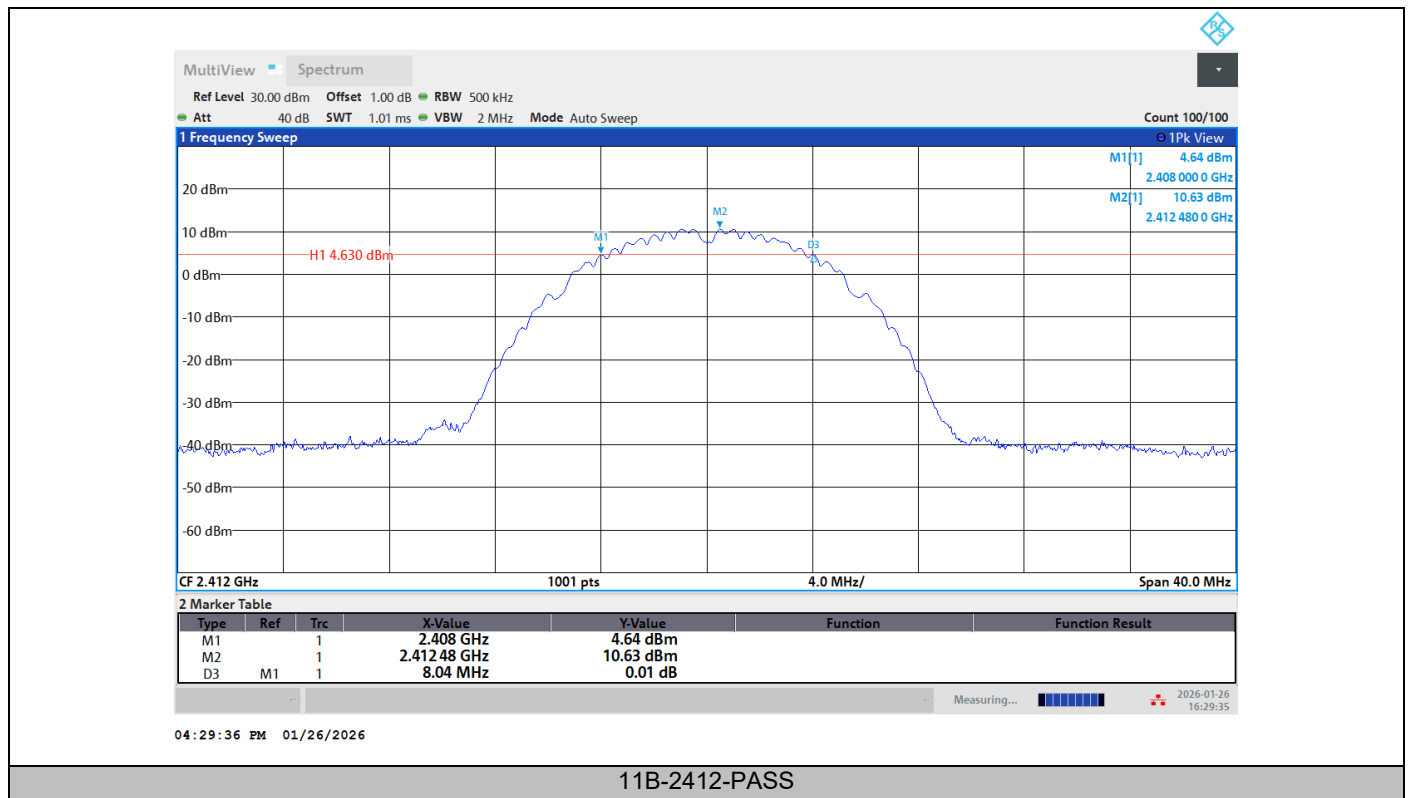
Appendix

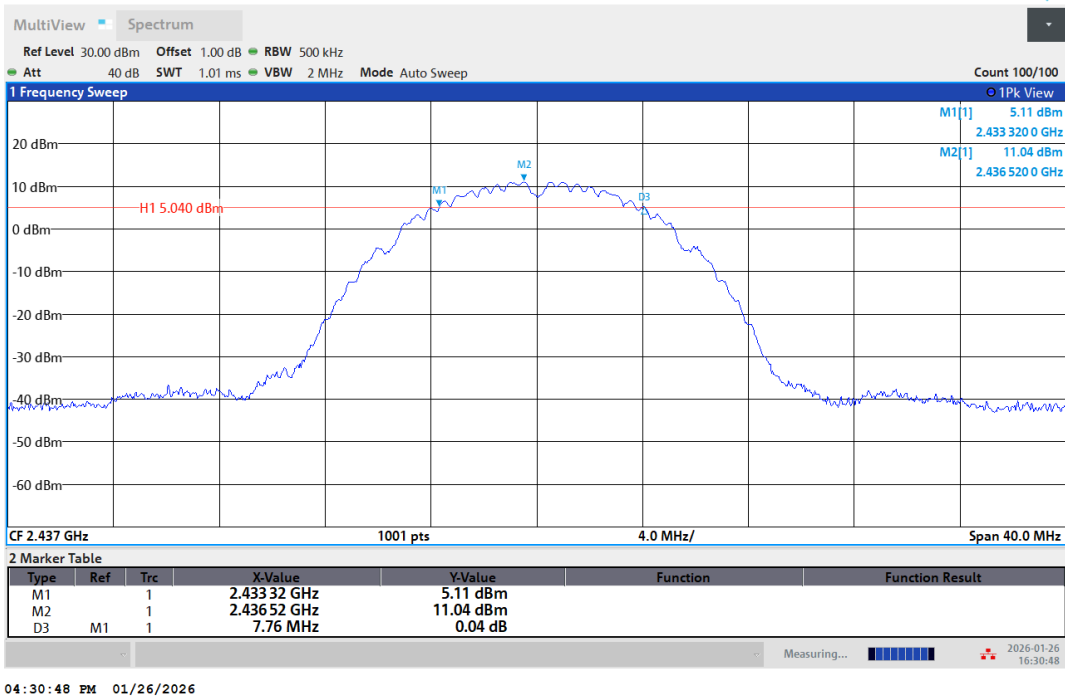
DTS Bandwidth

6dB bandwidth:

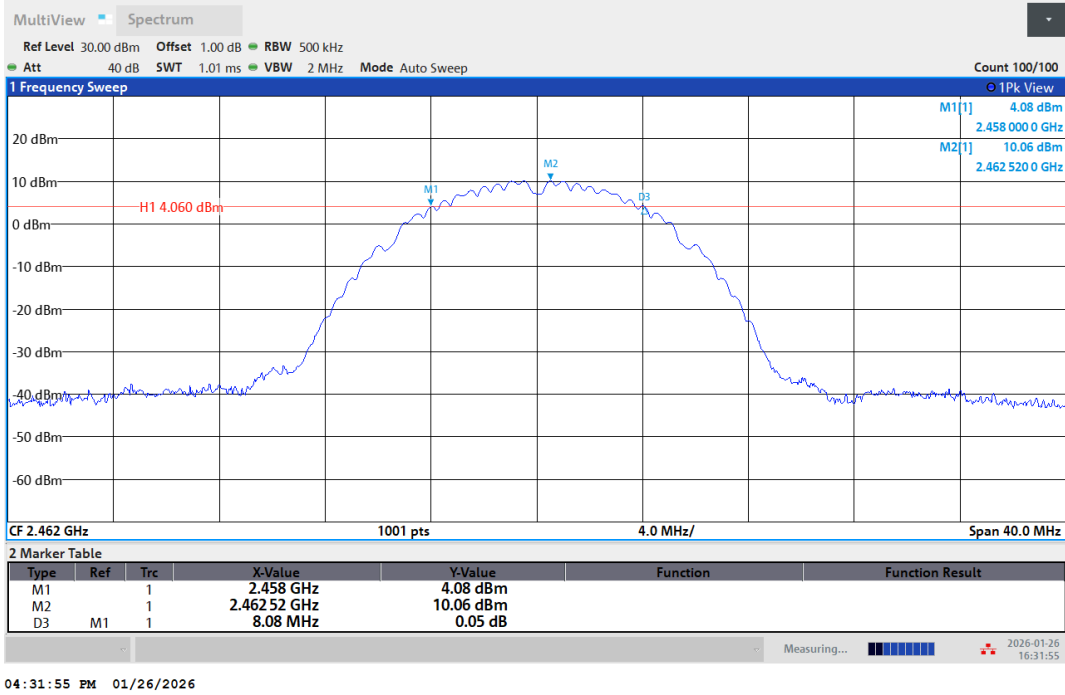
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.04	2408.00	2416.04	0.5	PASS
		2437	7.76	2433.32	2441.08	0.5	PASS
		2462	8.08	2458.00	2466.08	0.5	PASS
11G	Ant1	2412	16.68	2403.72	2420.40	0.5	PASS
		2437	16.68	2428.72	2445.40	0.5	PASS
		2462	16.64	2453.68	2470.32	0.5	PASS
11N20	Ant1	2412	17.68	2403.12	2420.80	0.5	PASS
		2437	17.60	2428.20	2445.80	0.5	PASS
		2462	17.96	2453.08	2471.04	0.5	PASS
11AX20	Ant1	2412	19.16	2402.40	2421.56	0.5	PASS
		2437	19.08	2427.48	2446.56	0.5	PASS
		2462	19.12	2452.48	2471.60	0.5	PASS

Test Graphs

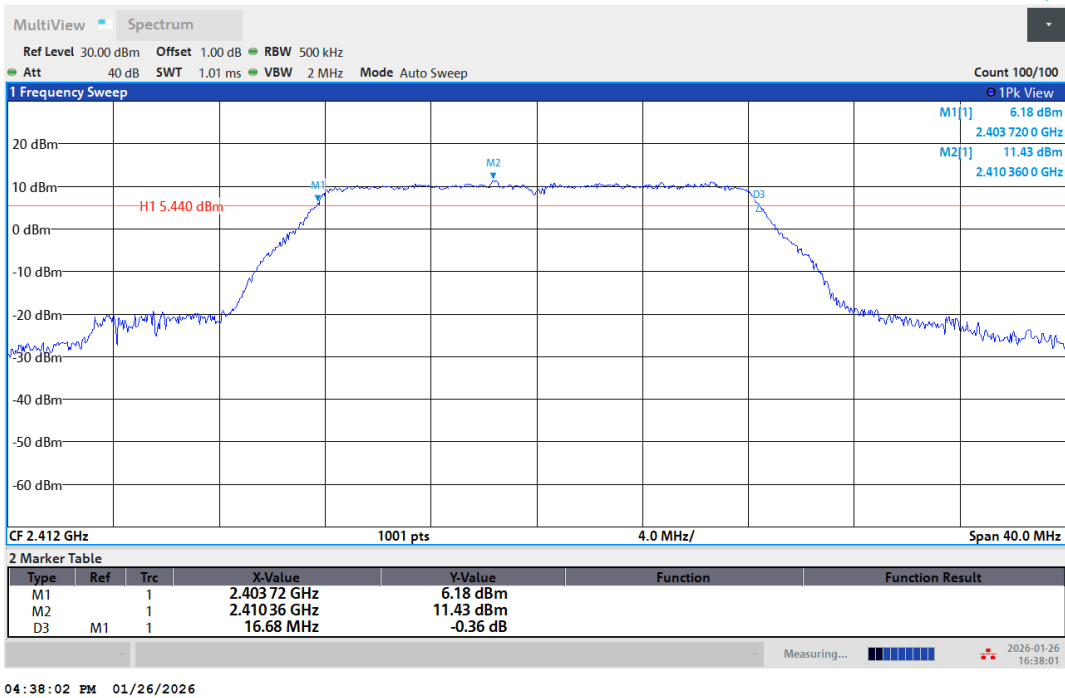




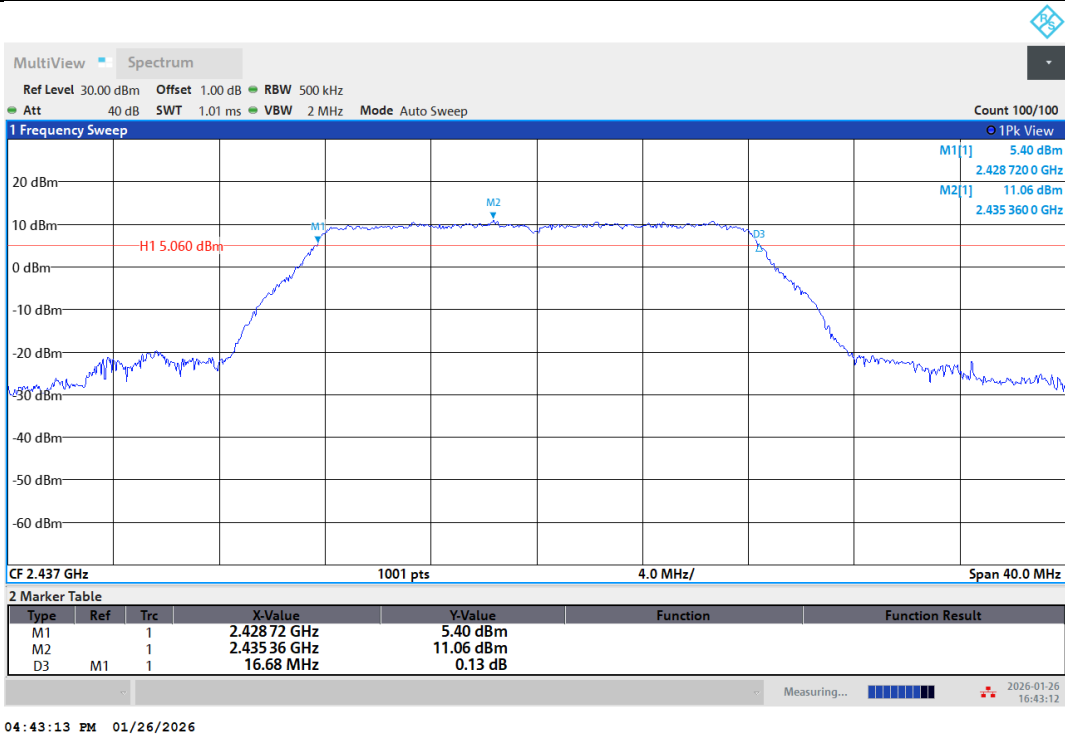
11B-2437-PASS



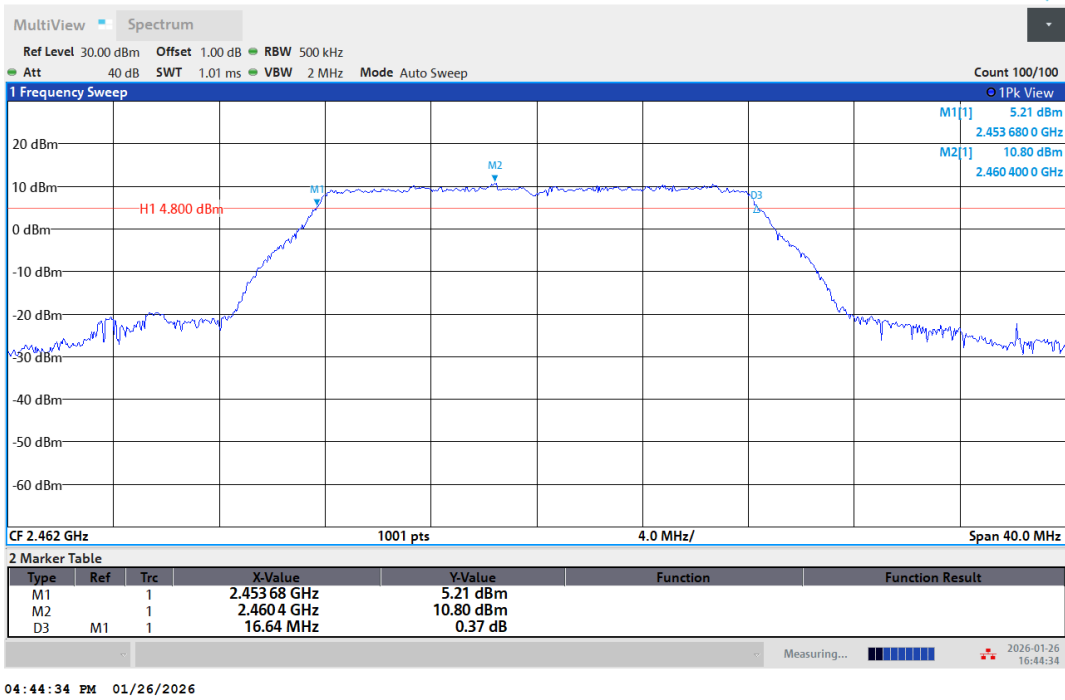
11B-2462-PASS



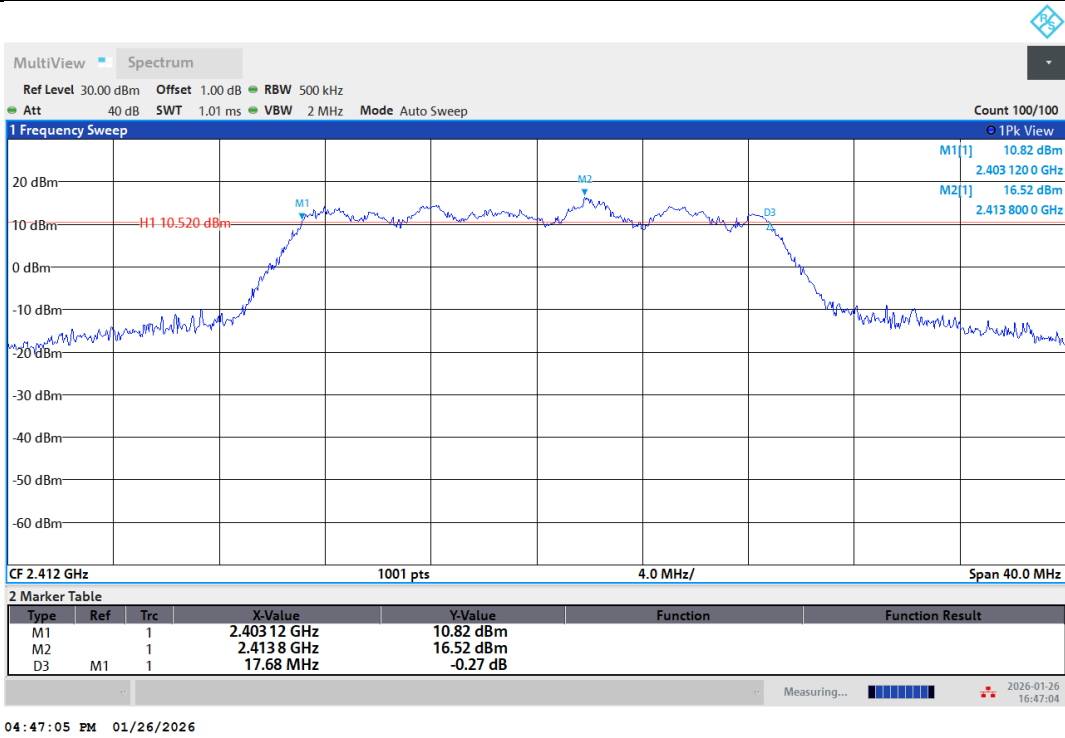
11G-2412-PASS



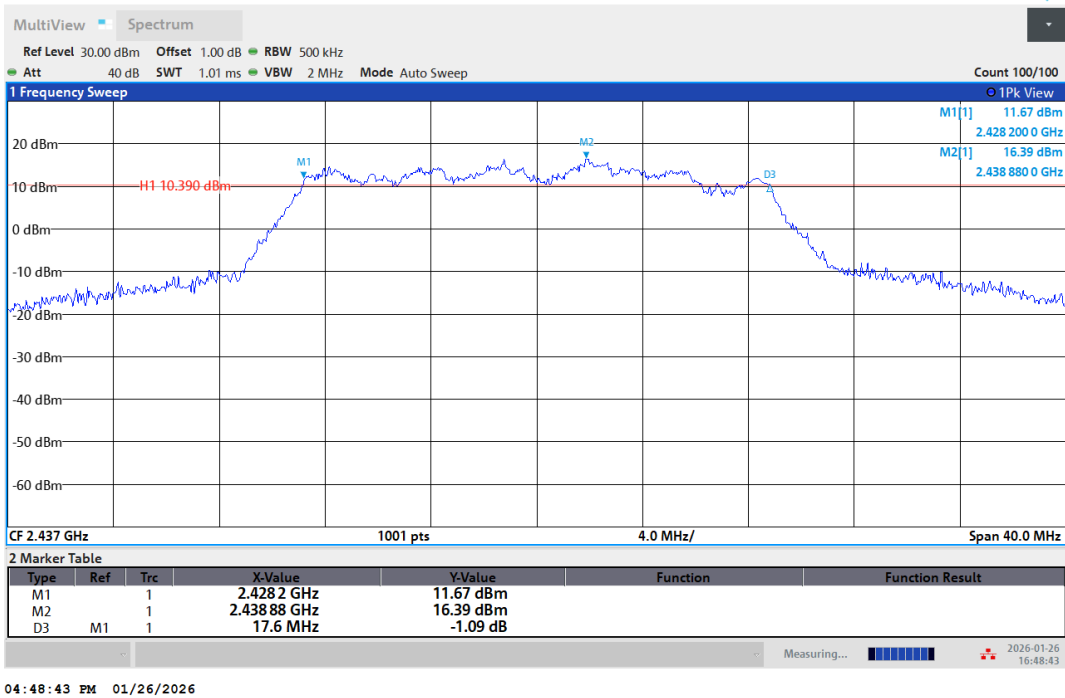
11G-2437-PASS



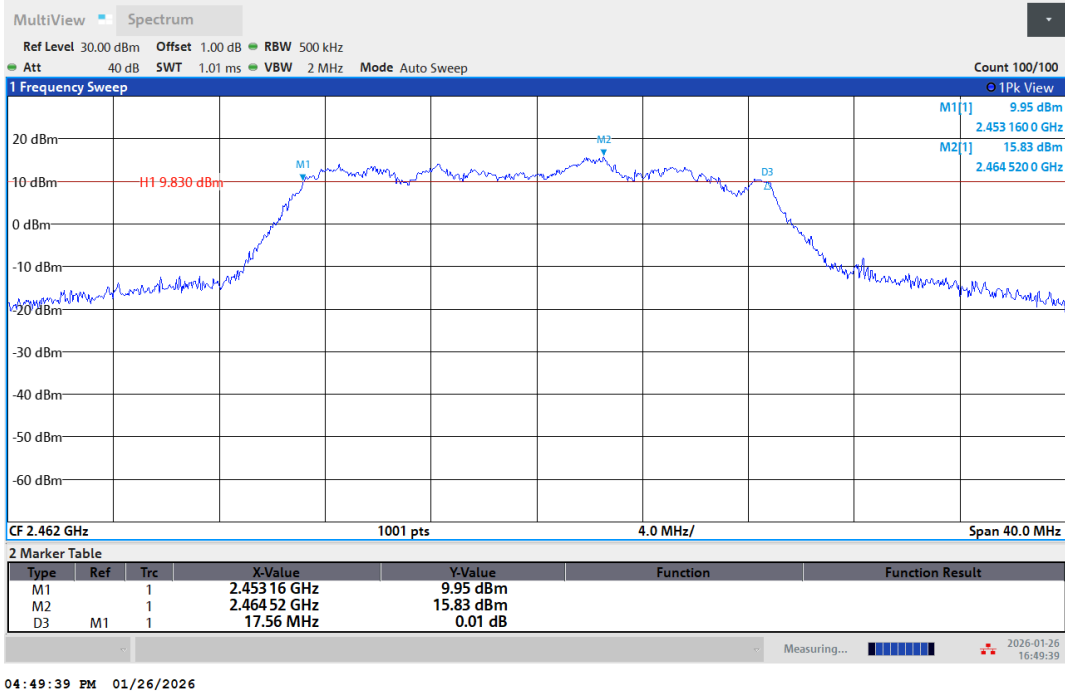
11G-2462-PASS



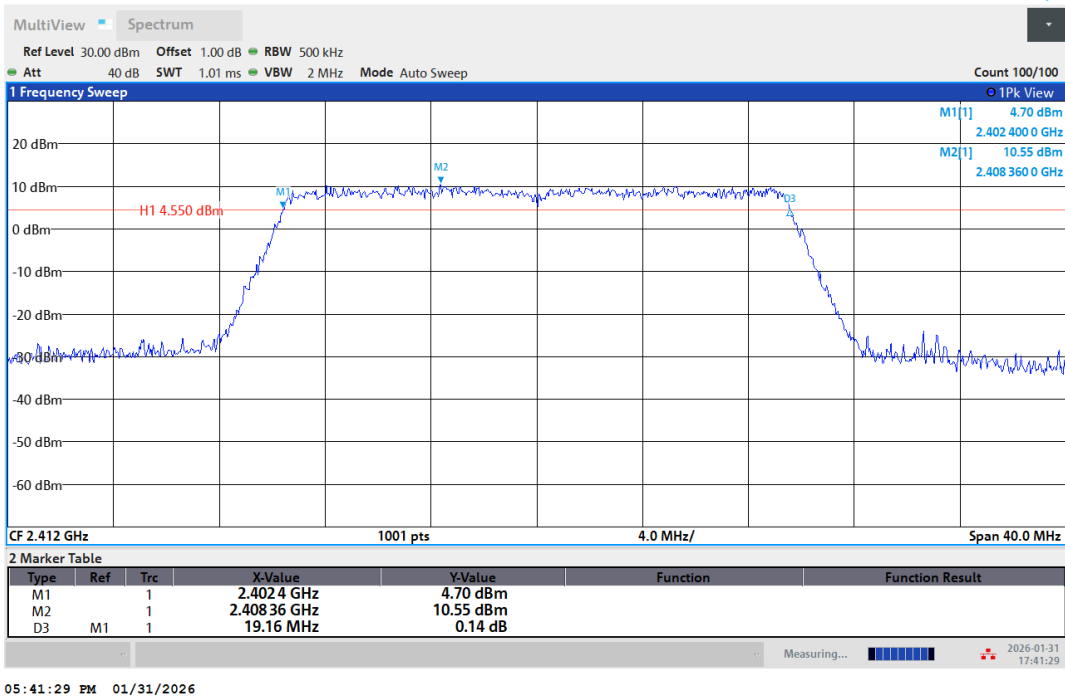
11N20-2412-PASS



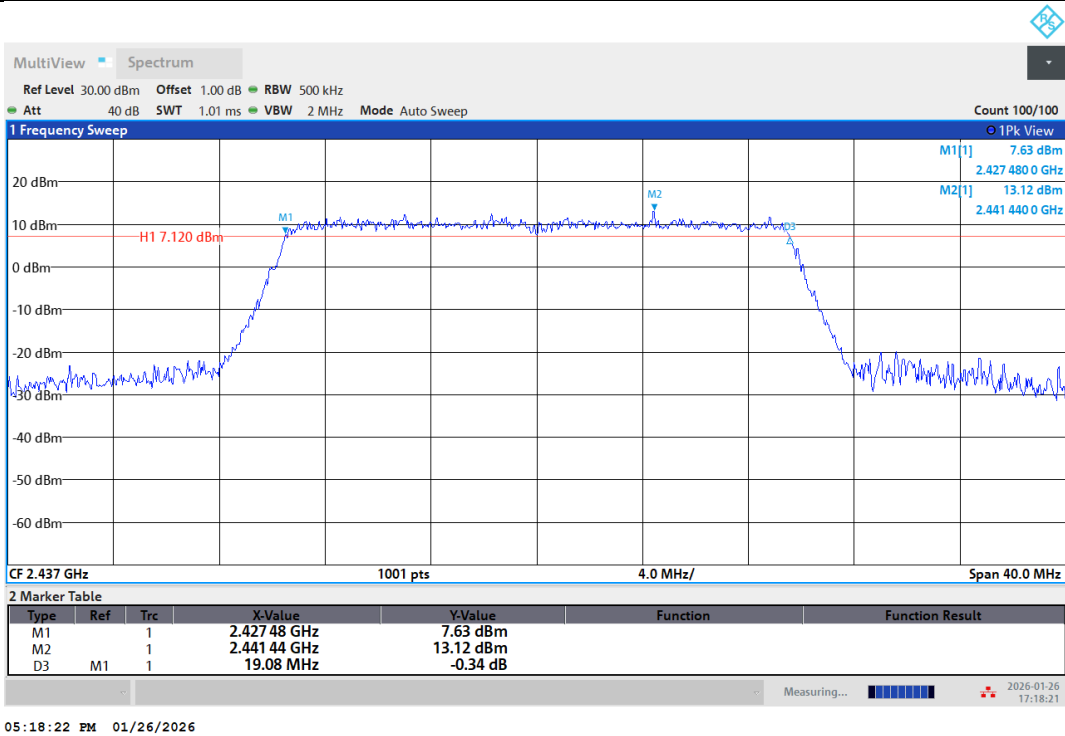
11N20-2437-PASS



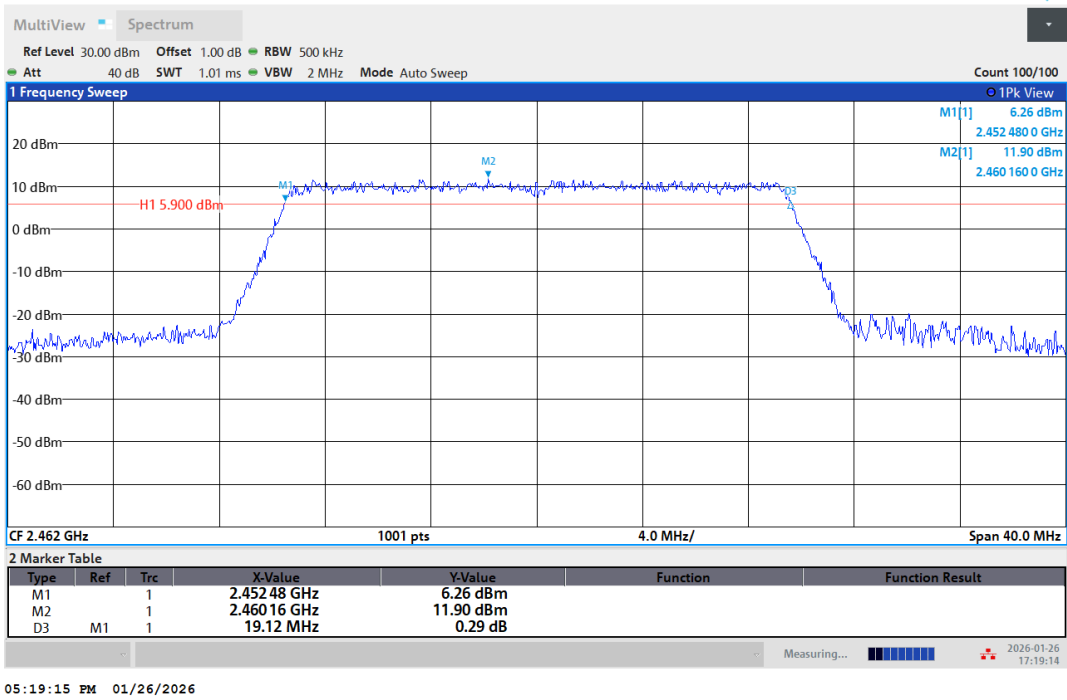
11N20-2462-PASS



11AX20-2412-PASS



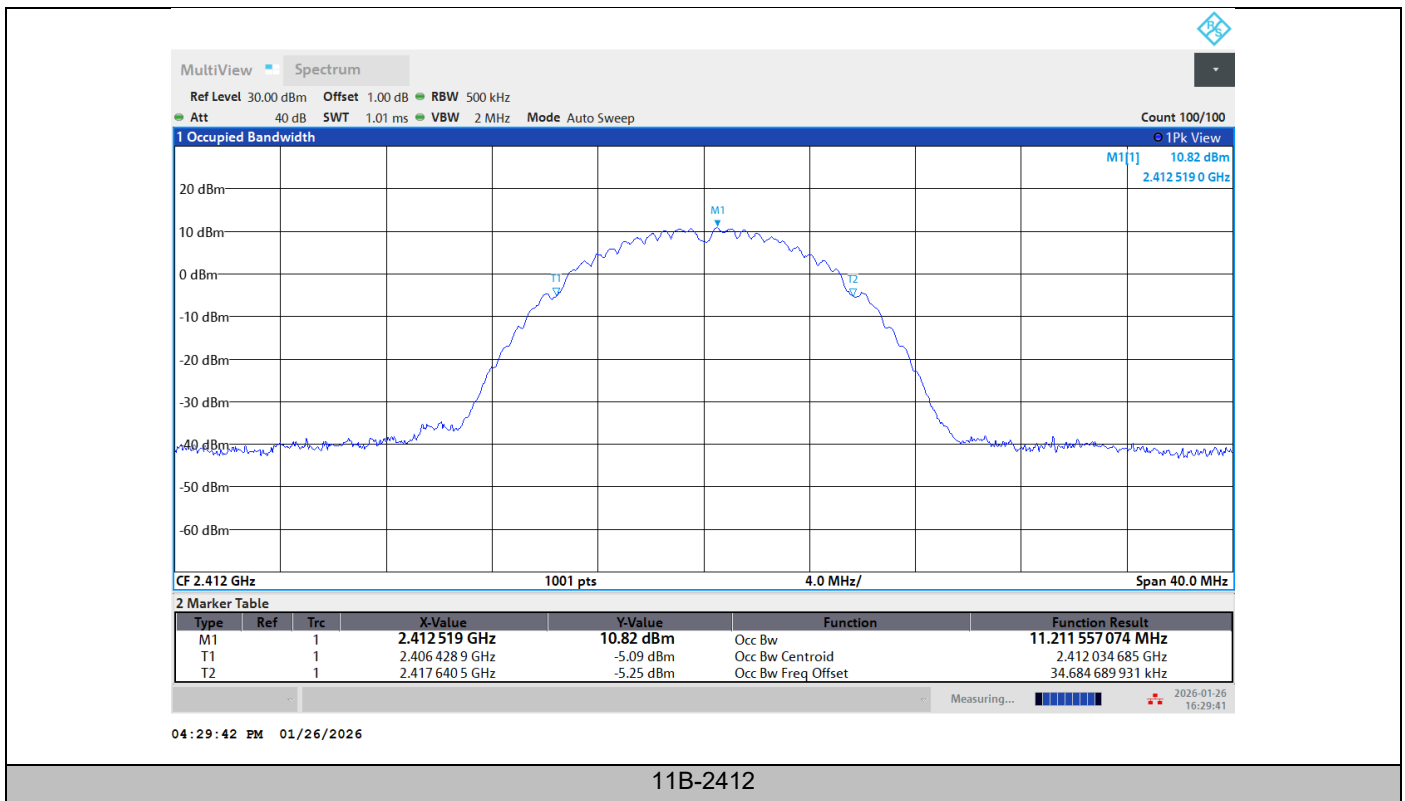
11AX20-2437-PASS

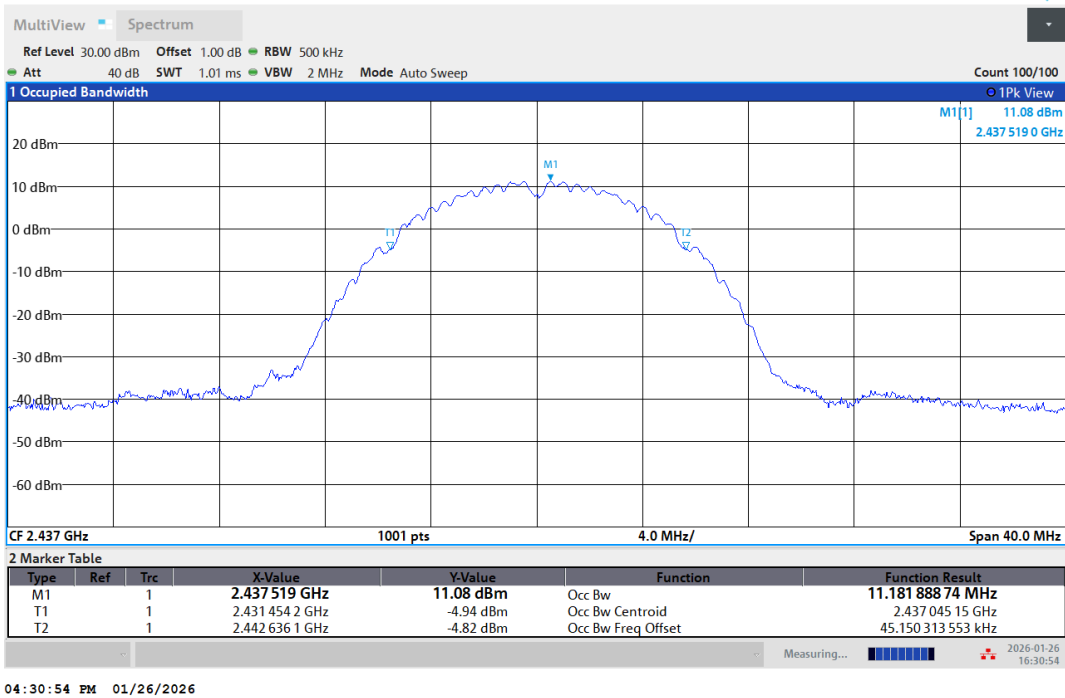


11AX20-2462-PASS

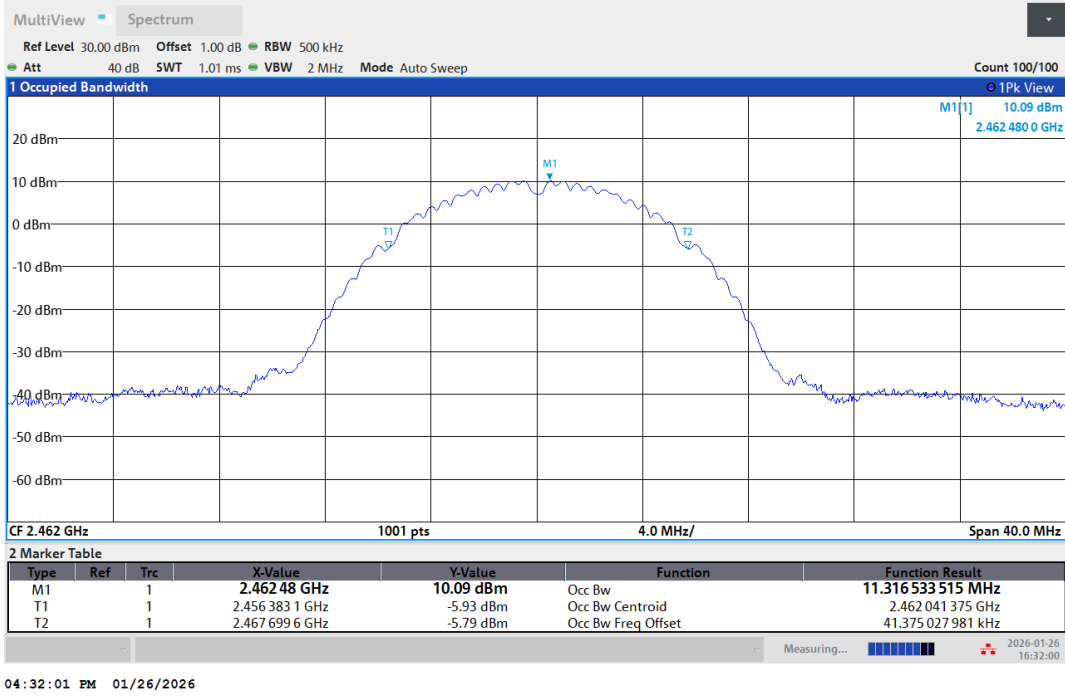
99% Occupied bandwidth:

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.212	2406.4289	2417.6405	---	---
		2437	11.182	2431.4542	2442.6361	---	---
		2462	11.317	2456.3831	2467.6996	---	---
11G	Ant1	2412	17.949	2403.0386	2420.9875	---	---
		2437	17.941	2428.0451	2445.9857	---	---
		2462	17.939	2453.0406	2470.9800	---	---
11N20	Ant1	2412	19.014	2402.4758	2421.4894	---	---
		2437	18.938	2427.4961	2446.4345	---	---
		2462	18.740	2452.7090	2471.4495	---	---
11AX20	Ant1	2412	19.278	2402.3680	2421.6462	---	---
		2437	19.289	2427.3829	2446.6717	---	---
		2462	19.334	2452.3863	2471.7203	---	---

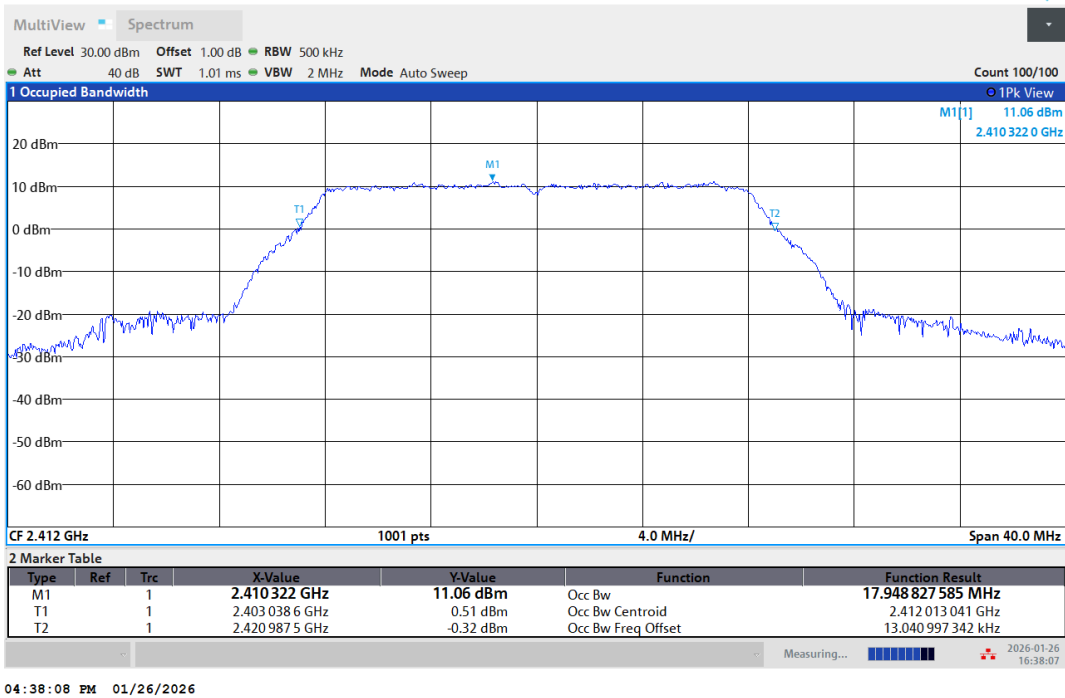
Test Graphs



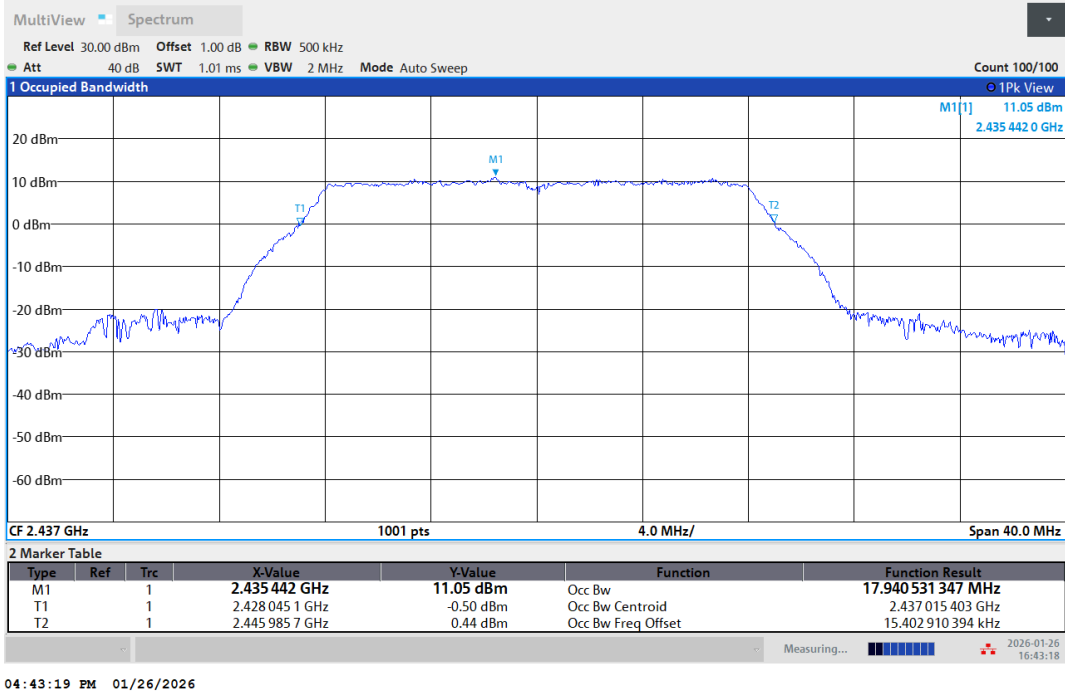
11B-2437



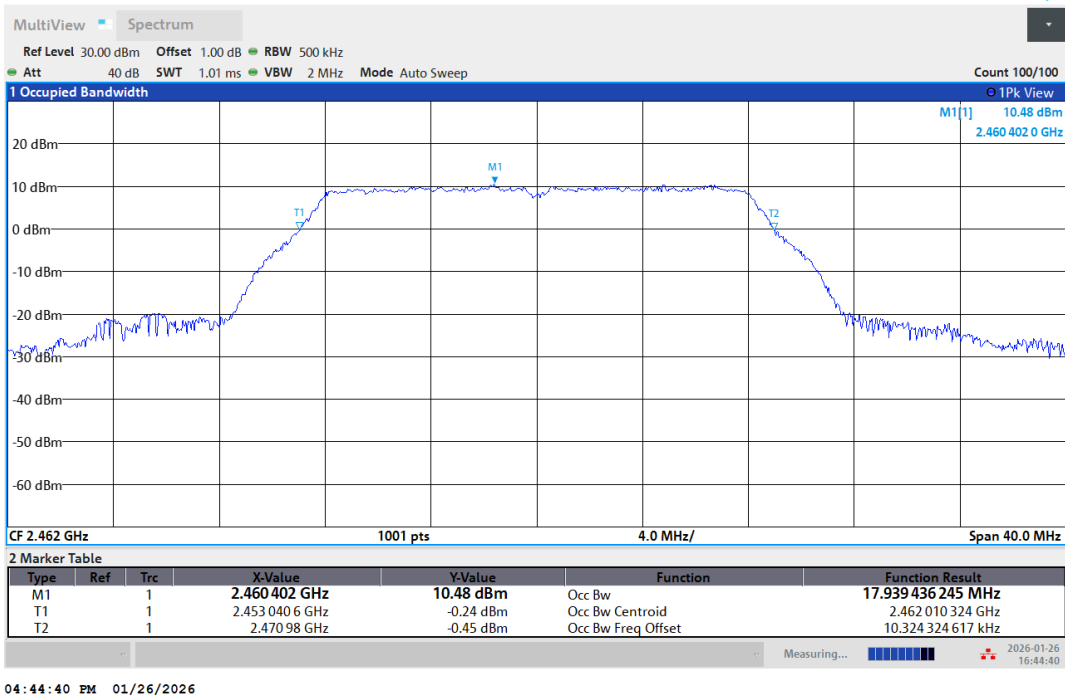
11B-2462



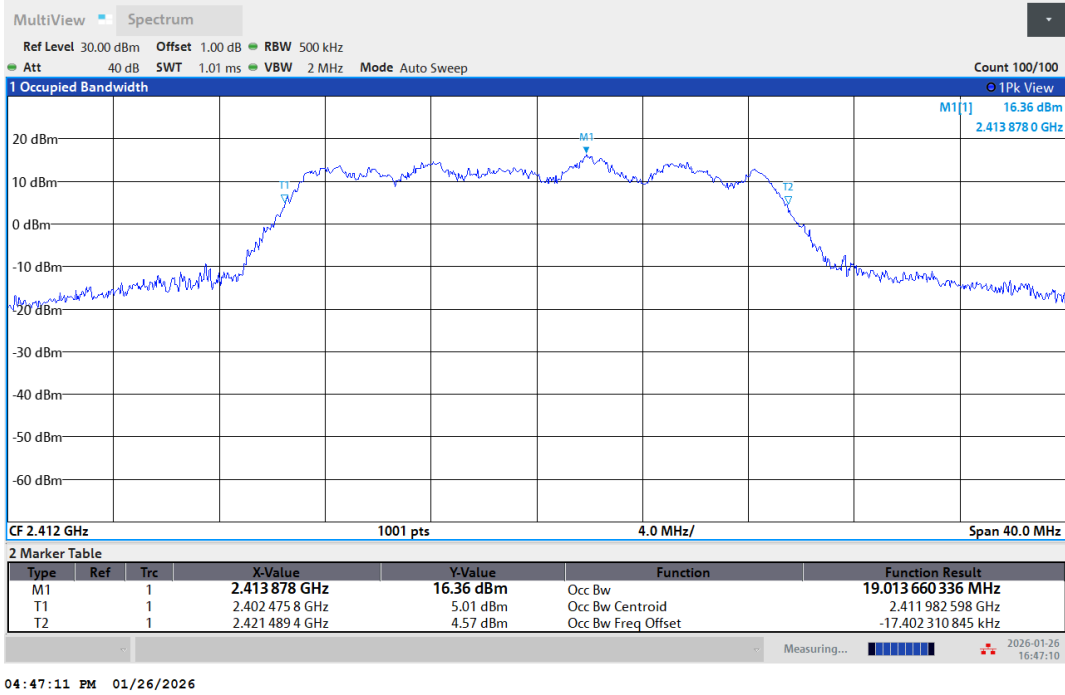
11G-2412



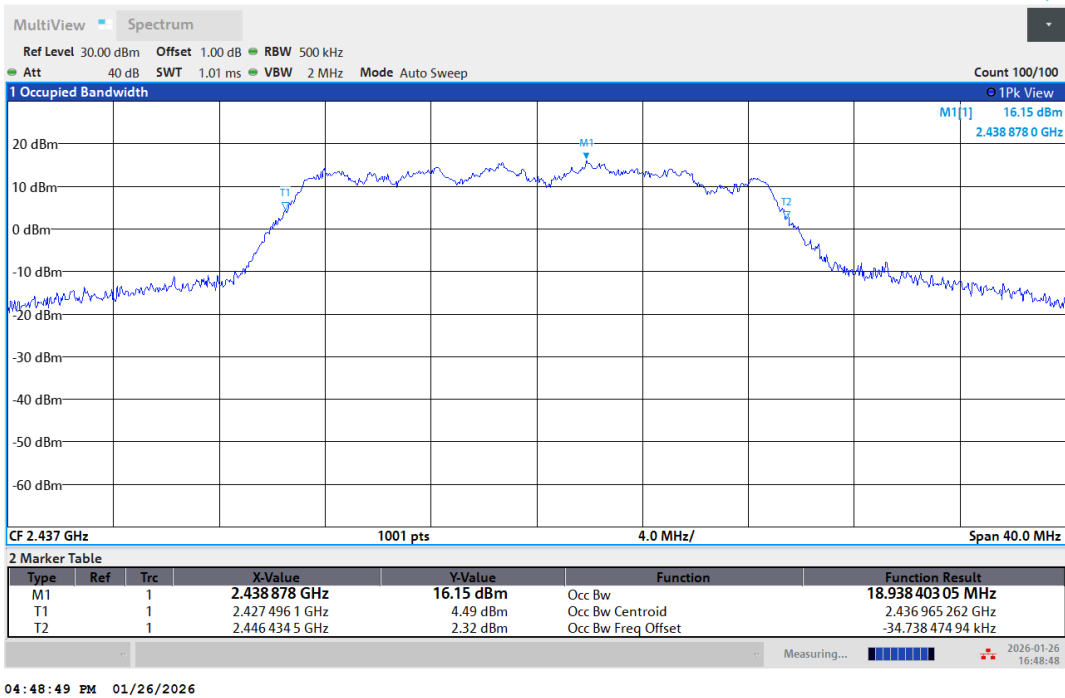
11G-2437



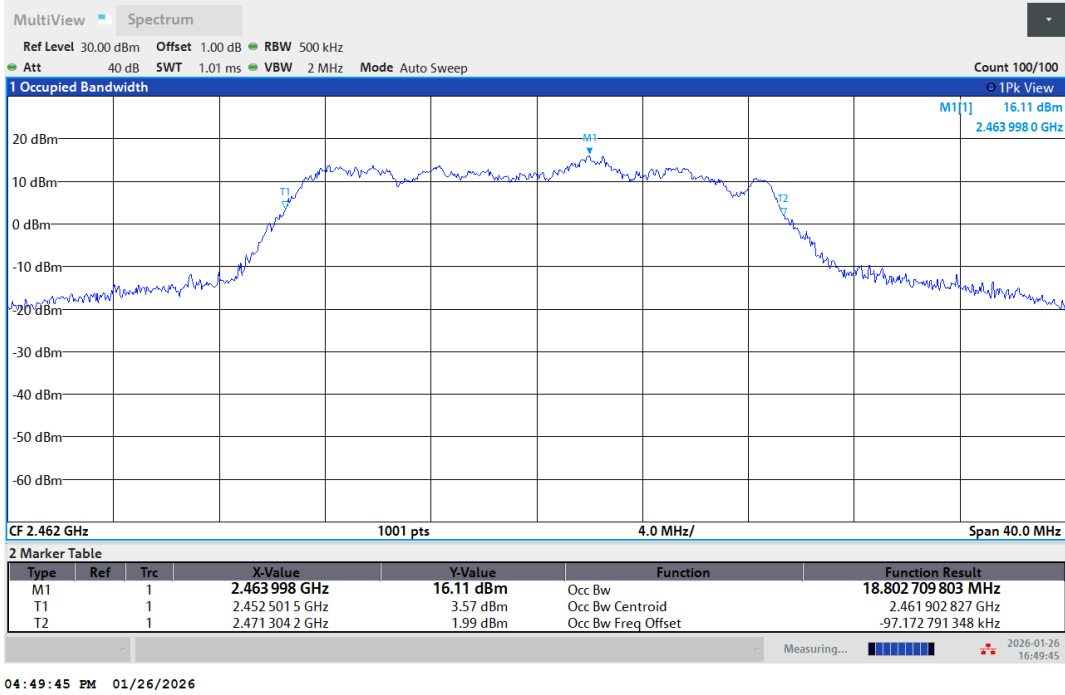
11G-2462



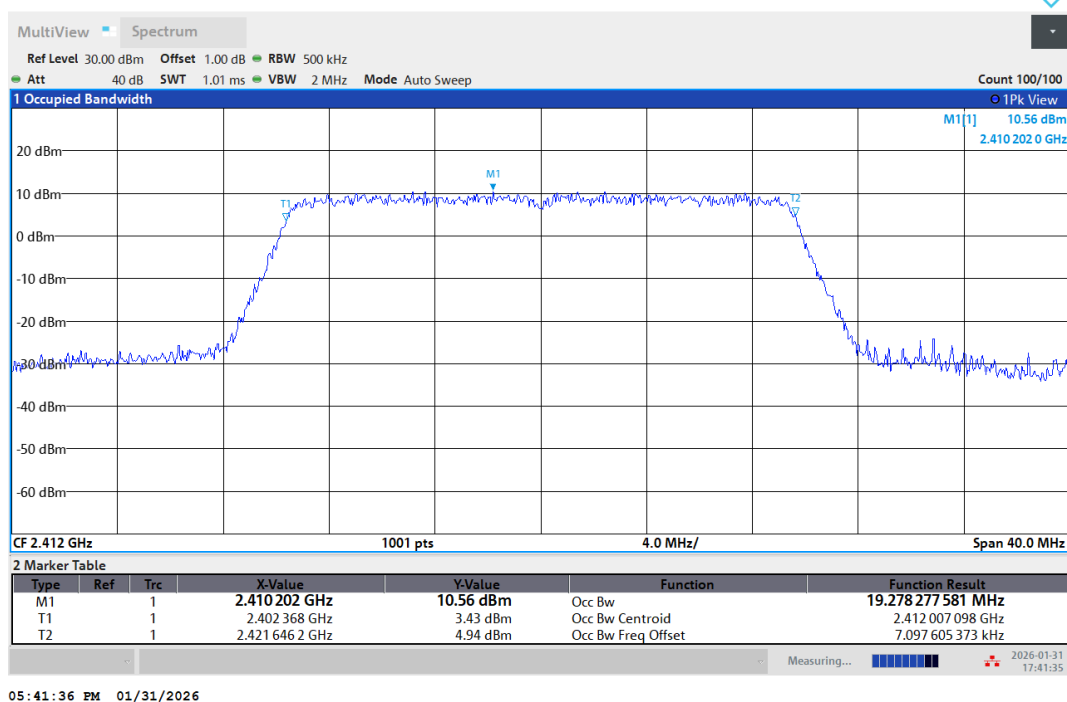
11N20-2412



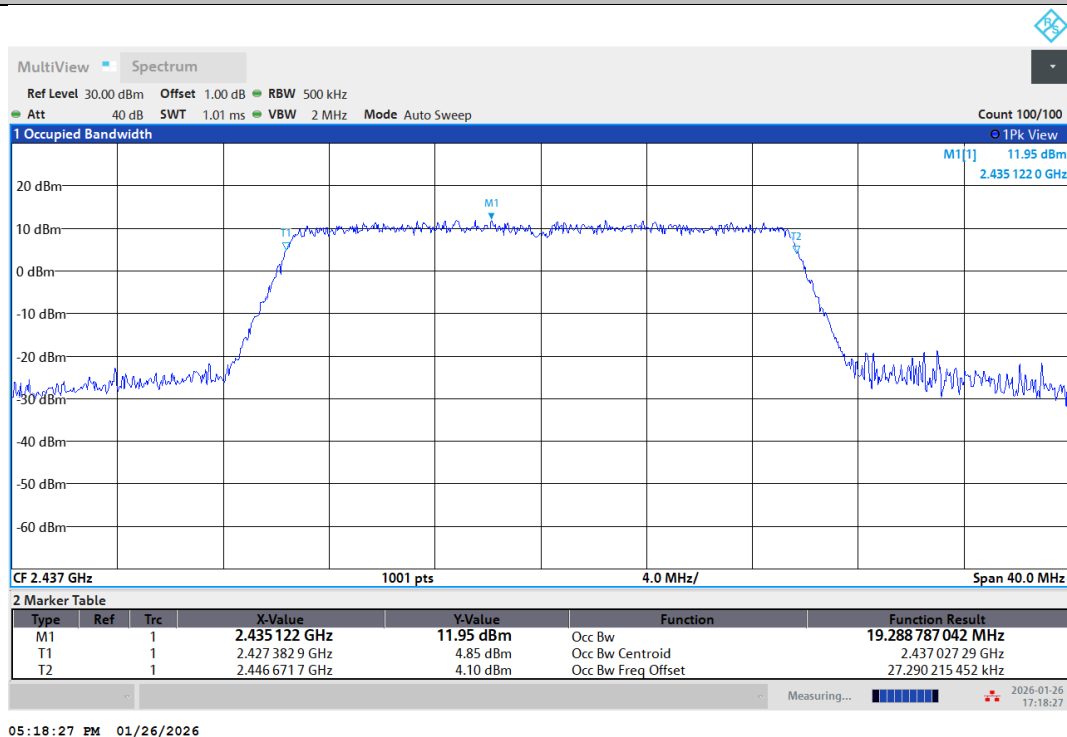
11N20-2437



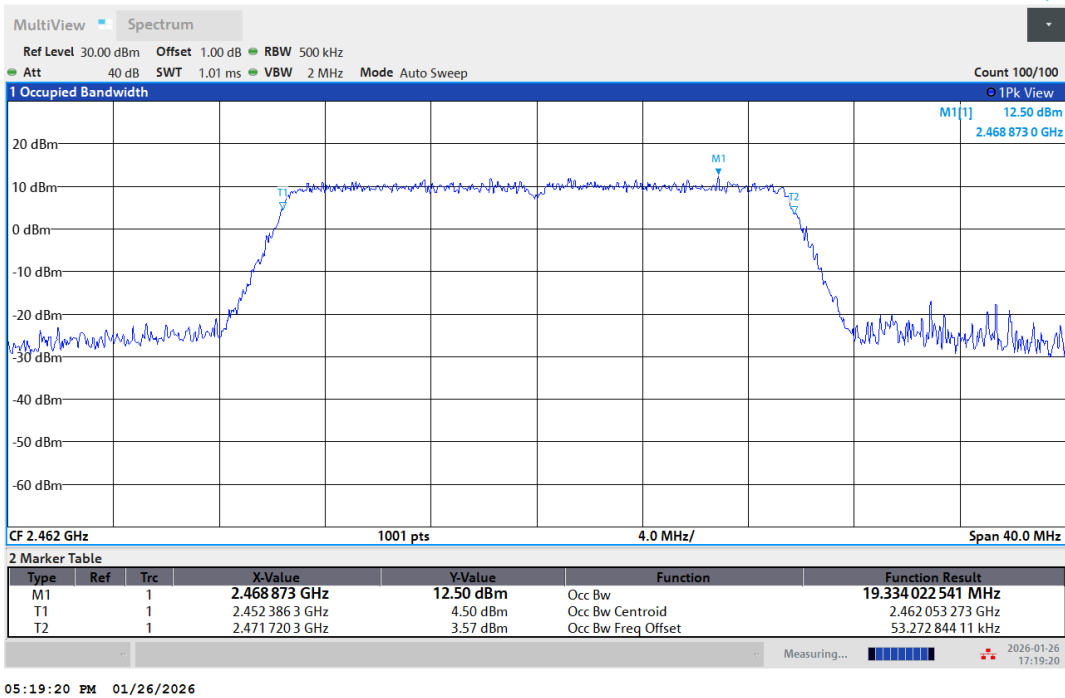
11N20-2462



11AX20-2412



11AX20-2437



11AX20-2462

Maximum Conducted Output Power

	Mode	Channel	Frequency (MHz)	Peak Power (dBm)			Limit (dBm)
				ANT 1	ANT 2	ANT 1+2	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.21	19.79	N/A	30.00
		6	2437	19.32	19.49		30.00
		11	2462	19.02	19.47		30.00
	802.11g 6Mbps	1	2412	21.59	21.94		30.00
		6	2437	21.87	21.81		30.00
		11	2462	21.31	21.67		30.00
	802.11n-HT20 MCS0	1	2412	20.19	20.42	23.32	30.00
		6	2437	20.64	20.09	23.38	30.00
		11	2462	17.22	17.04	20.14	30.00
	802.11ax-HE20 MCS0	1	2412	19.62	19.78	22.71	30.00
		6	2437	21.77	21.62	24.71	30.00
		11	2462	19.23	19.14	22.20	30.00

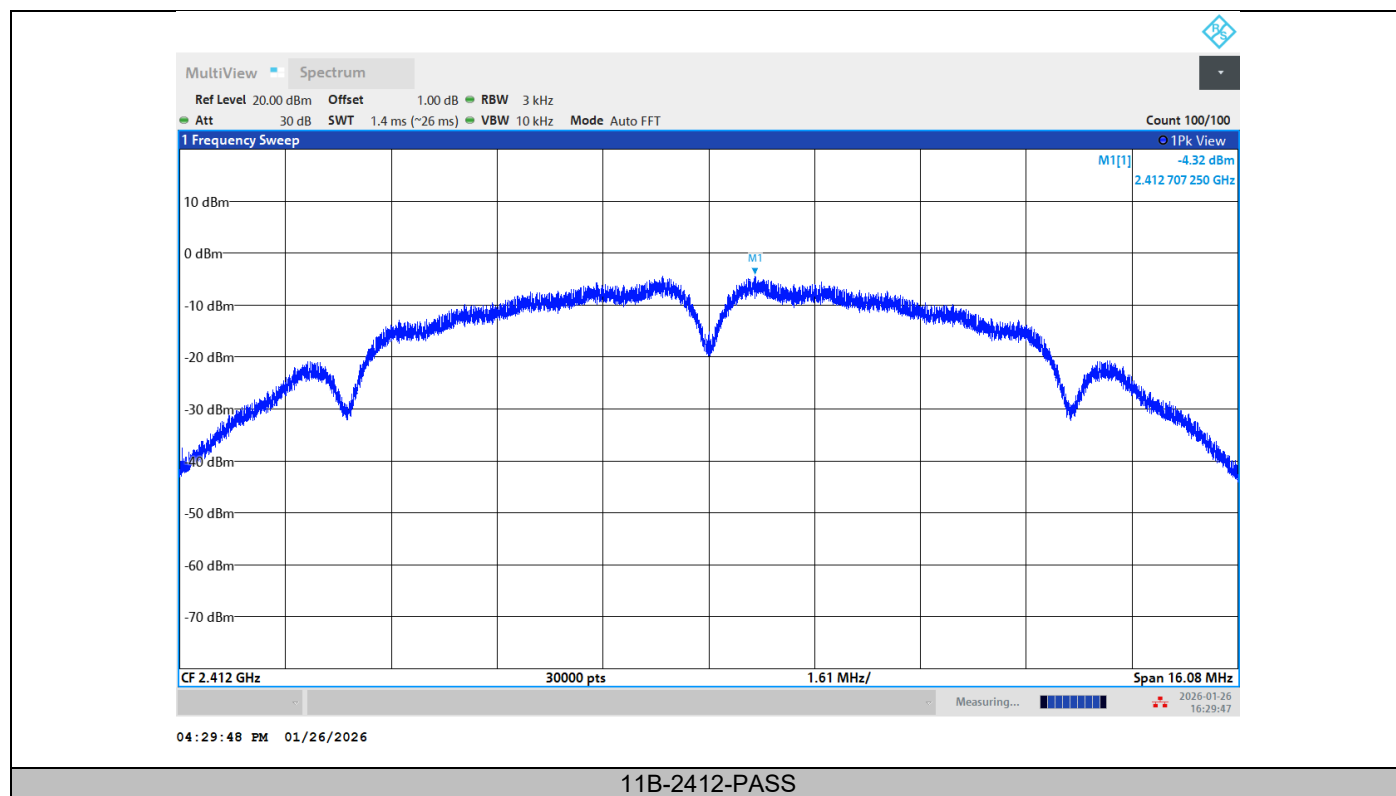
Maximum power spectral density

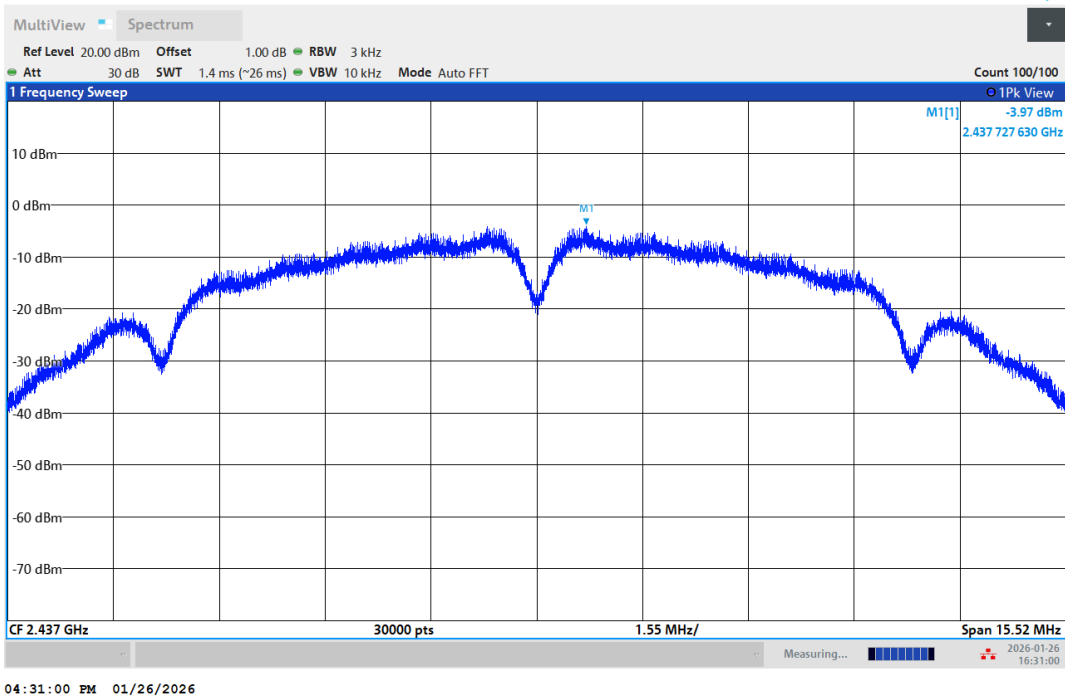
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-4.32	≤8.00	PASS
		2437	-3.97	≤8.00	PASS
		2462	-4.60	≤8.00	PASS
11G	Ant1	2412	-7.39	≤8.00	PASS
		2437	-7.59	≤8.00	PASS
		2462	-7.93	≤8.00	PASS

TestMode	Antenna	Frequency[MHz]	SISO Result [dBm/3-100kHz]	MIMO Result [dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11N20	Ant1+2	2412	-2.35	0.66	≤8.00	PASS
		2437	-1.75	1.26	≤8.00	PASS
		2462	-6.73	-3.72	≤8.00	PASS
11AX20	Ant1+2	2412	-11.82	-8.81	≤8.00	PASS
		2437	-10.67	-7.66	≤8.00	PASS
		2462	-13.47	-10.46	≤8.00	PASS

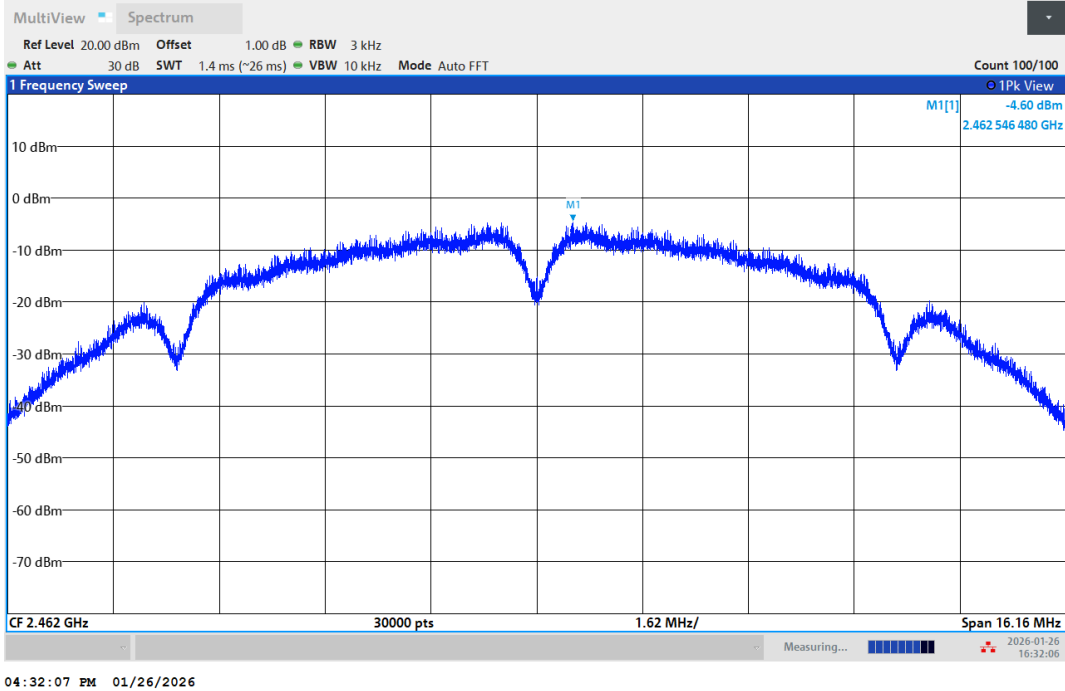
Note: The MIMO PSD is calculate form SISO PSD, which is tight than real result: $\text{MIMO PSD} = \text{SISO PSD} + 10\log(n)$
 $= \text{SISO PSD} + 3.01$, $n = \text{chain number}$.

Test Graphs

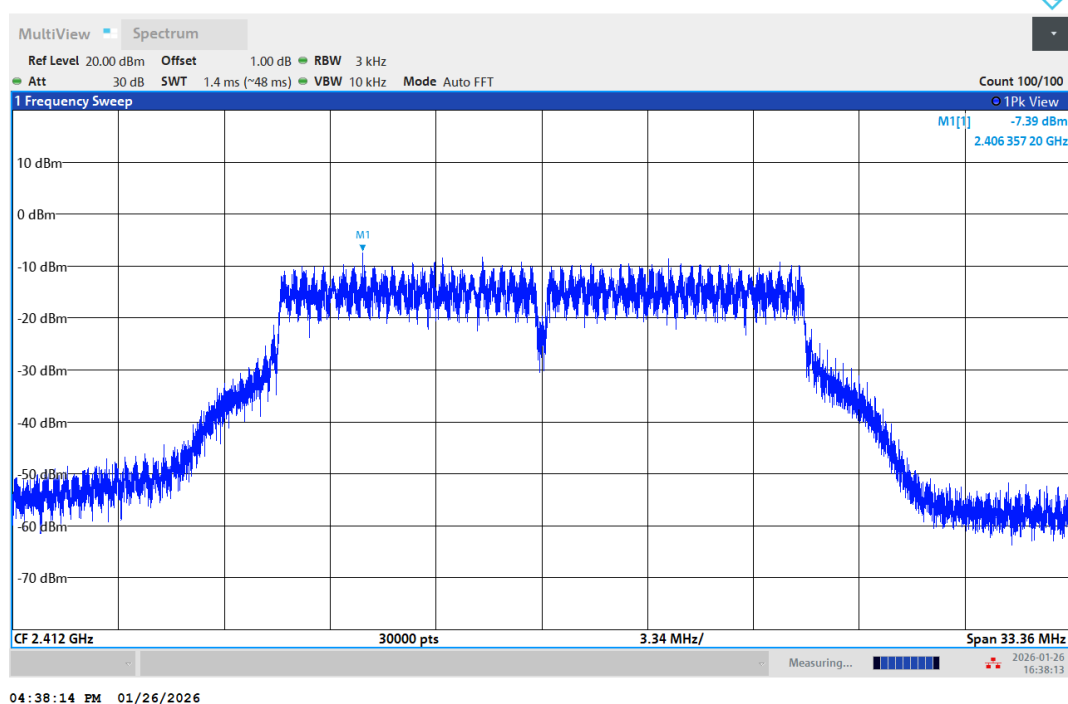




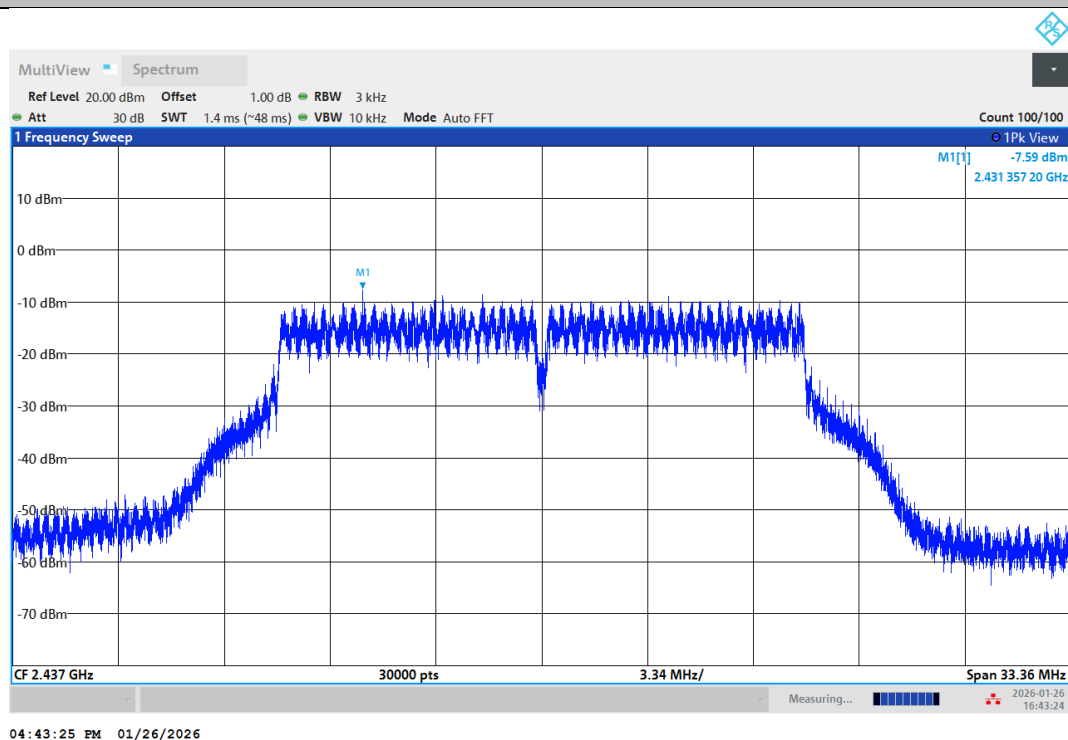
11B-2437-PASS



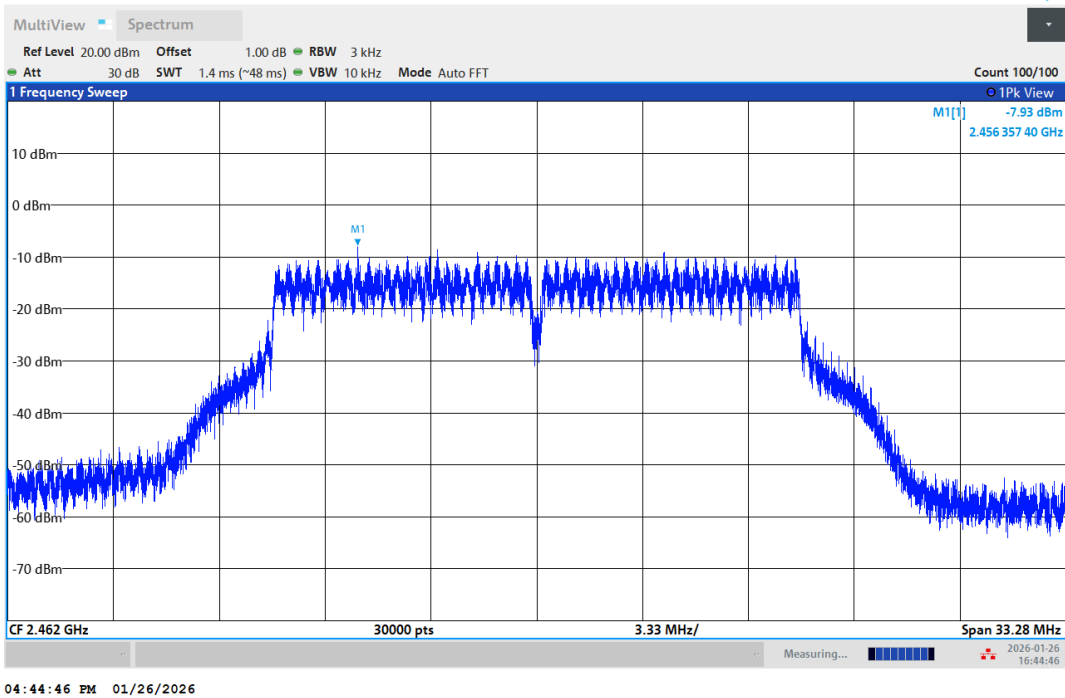
11B-2462-PASS



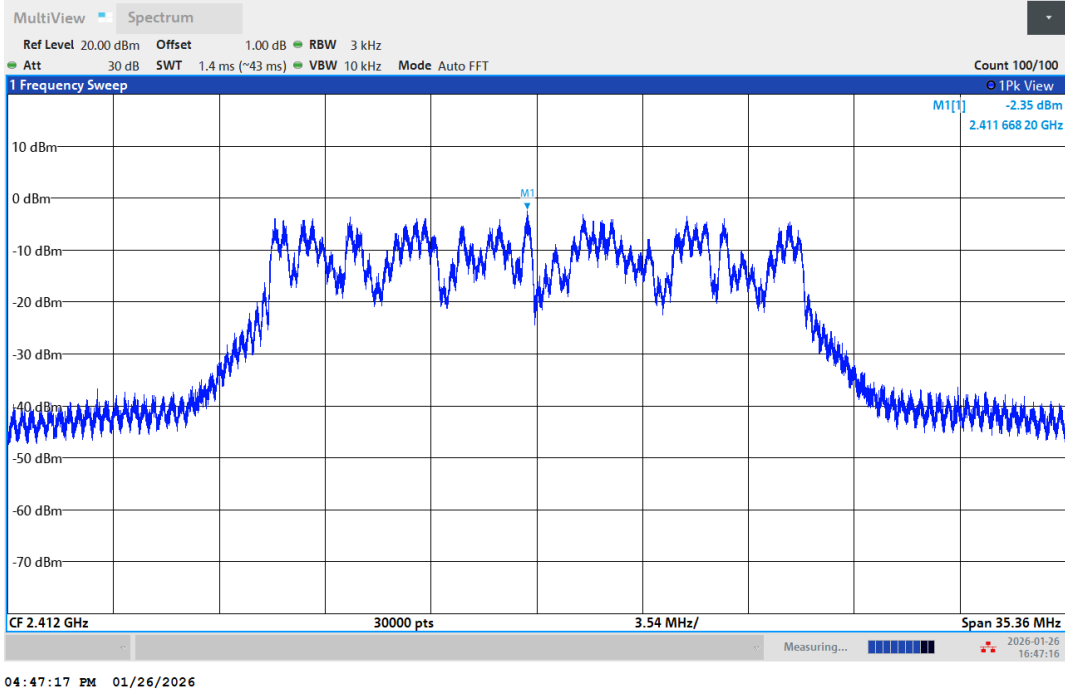
11G-2412-PASS



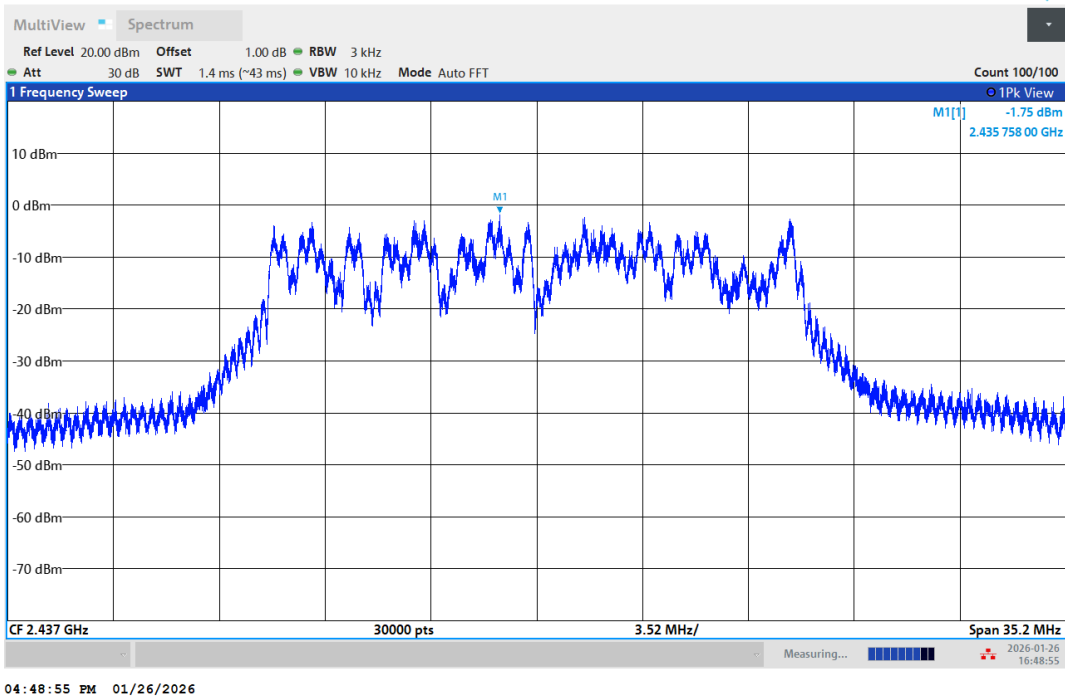
11G-2437-PASS



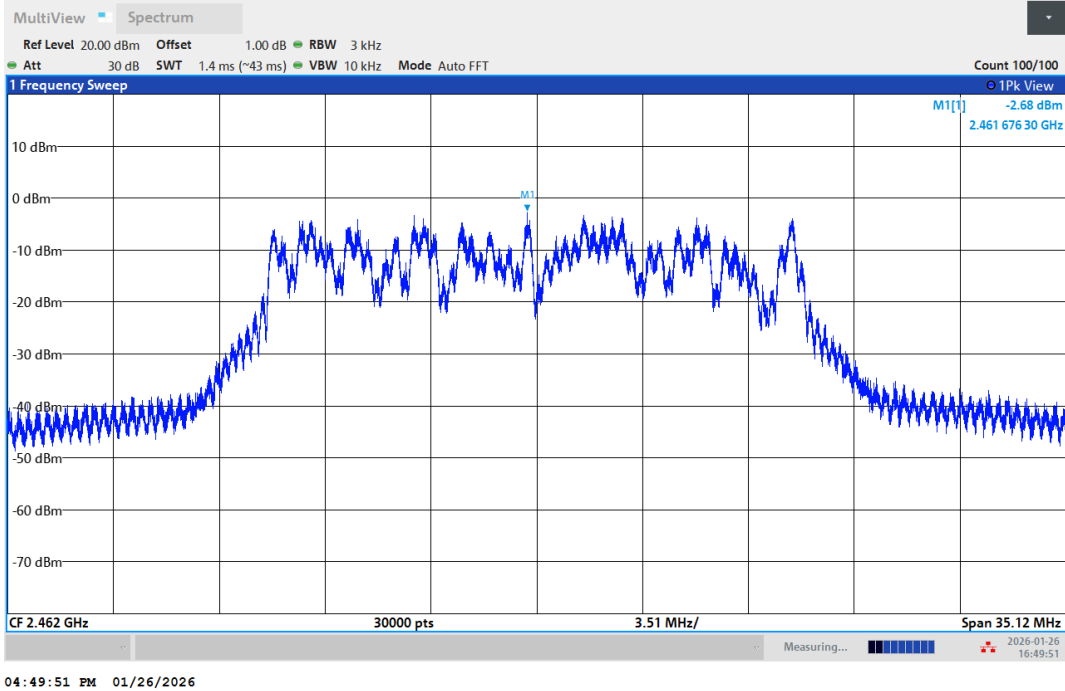
11G-2462-PASS



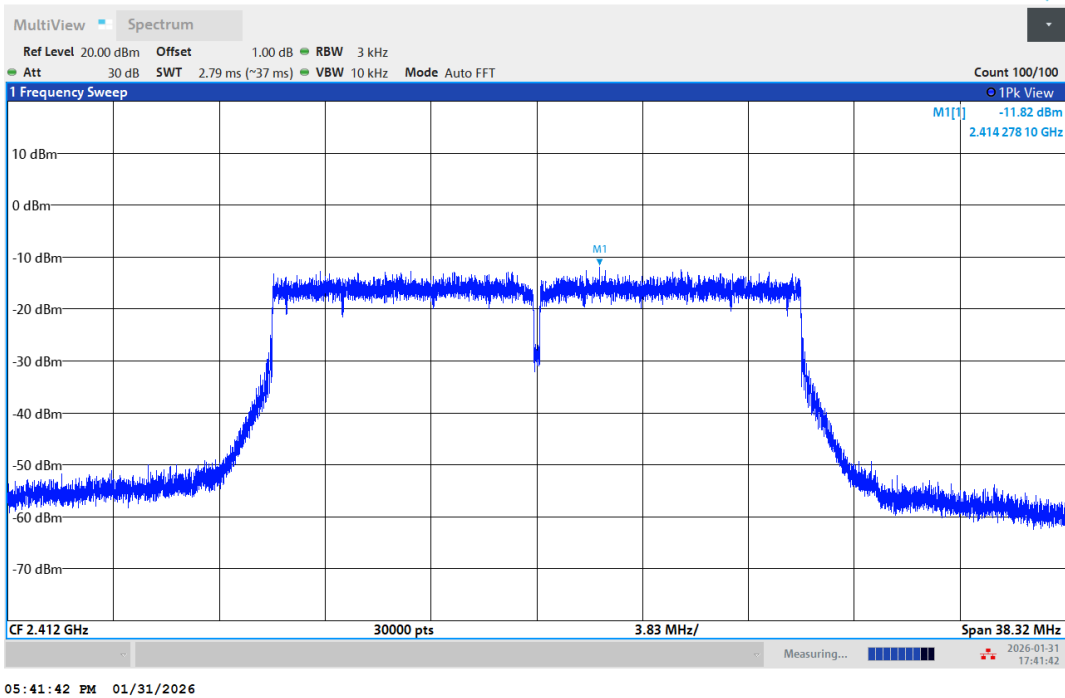
11N20-2412-PASS



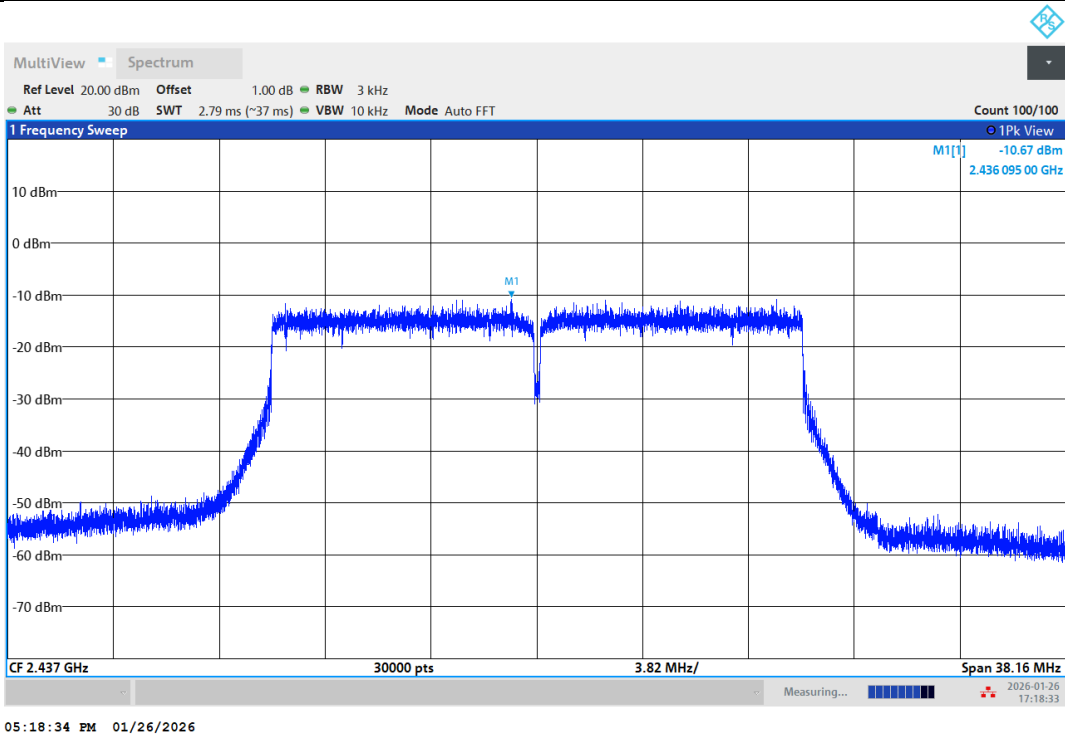
11N20-2437-PASS



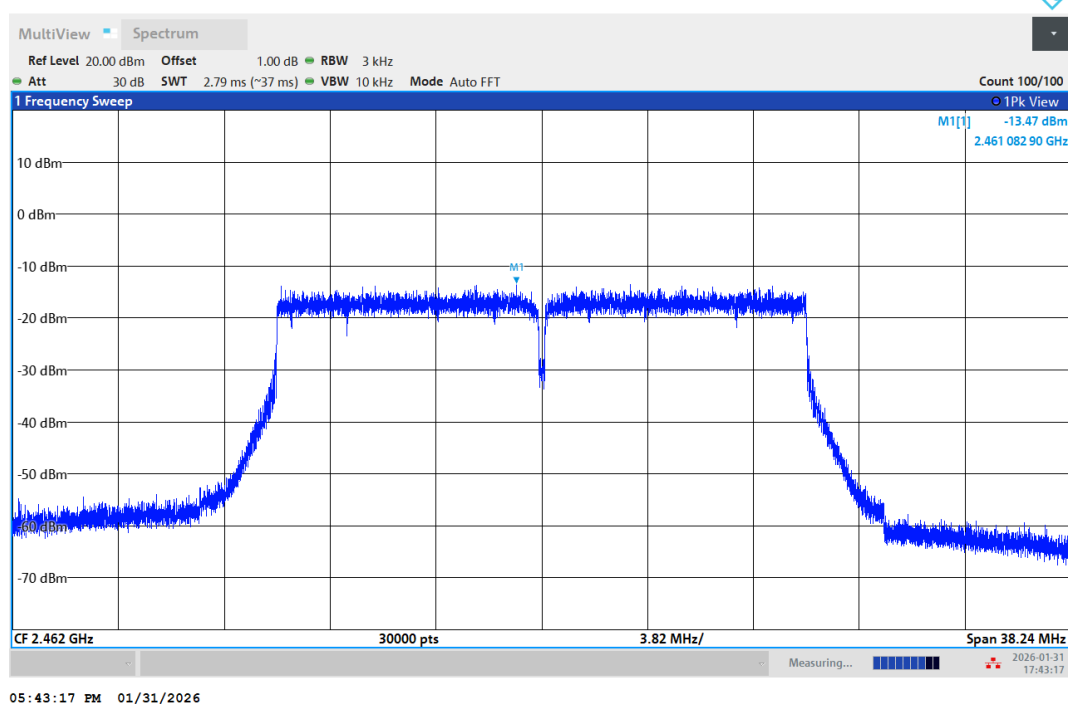
11N20-2462-PASS



11AX20-2412-PASS



11AX20-2437-PASS

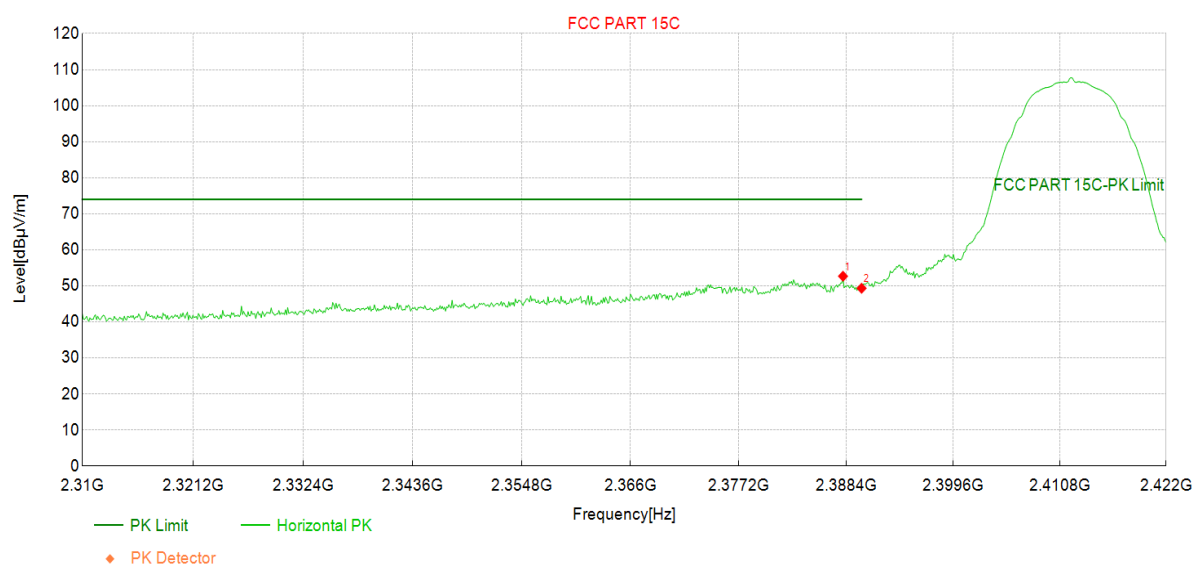


11AX20-2462-PASS

Band edge measurements

Transmit at 2412MHz by 802.11b with Ant2

Test Graph

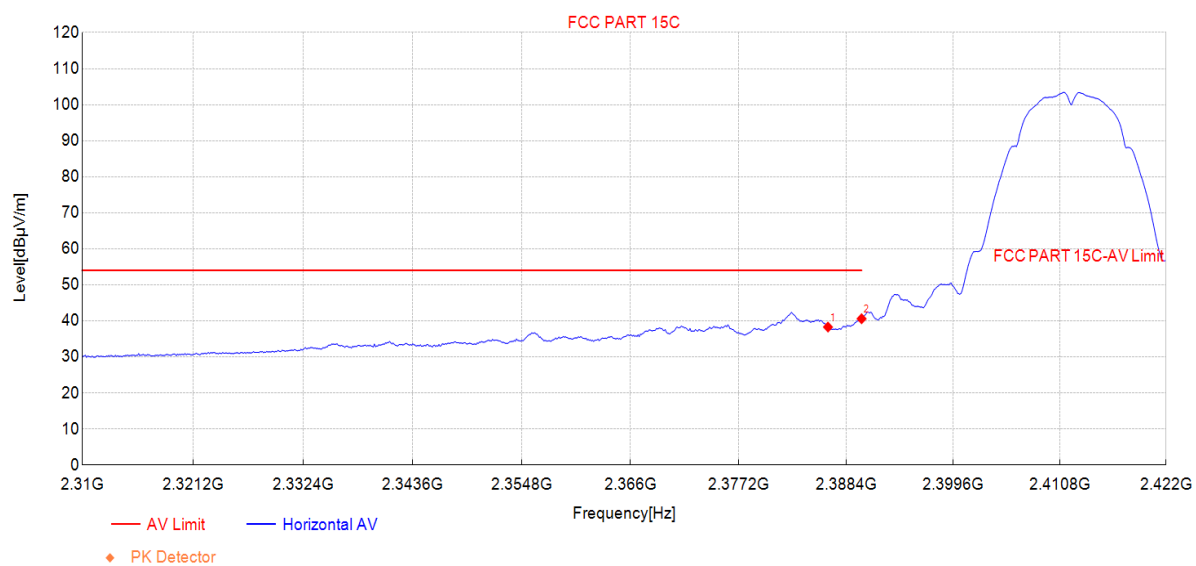


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.06	52.8	52.68	-0.100	74.00	21.32	PK	Horizo	PASS
2	2390.00	49.4	49.34	-0.090	74.00	24.66	PK	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant2

Test Graph

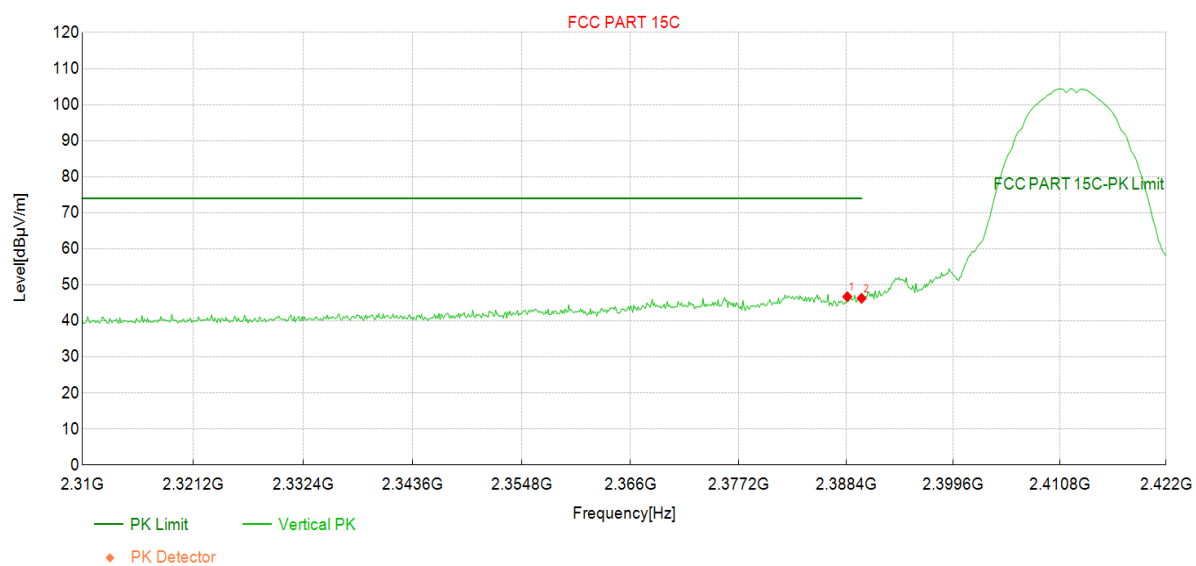


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.50	38.4	38.29	-0.100	54.00	15.71	AV	Horizo	PASS
2	2390.00	40.7	40.59	-0.090	54.00	13.41	AV	Horizo	PASS

Transmit at 2412MHz by 802.11b with Ant2

Test Graph

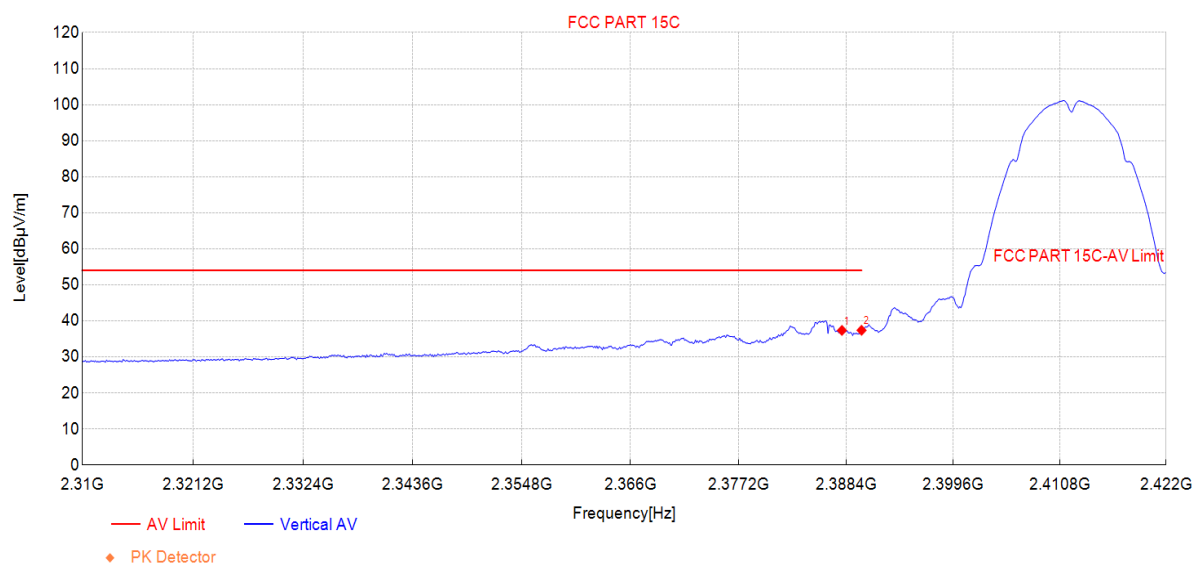


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.51	46.8	46.71	-0.100	74.00	27.29	PK	Vertic	PASS
2	2390.00	46.4	46.26	-0.090	74.00	27.74	PK	Vertic	PASS

Transmit at 2412MHz by 802.11b with Ant2

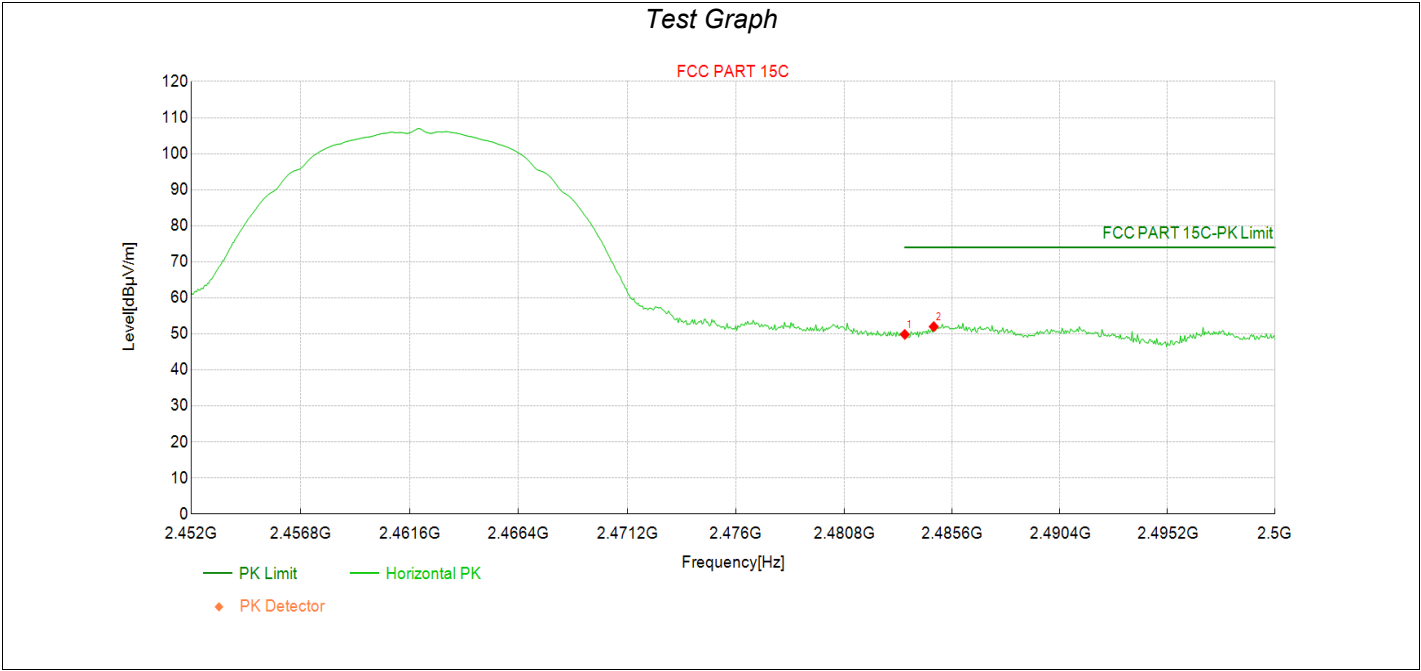
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.95	37.5	37.36	-0.100	54.00	16.64	AV	Vertic	PASS
2	2390.00	37.5	37.39	-0.090	54.00	16.61	AV	Vertic	PASS

Transmit at 2462MHz by 802.11b with Ant2

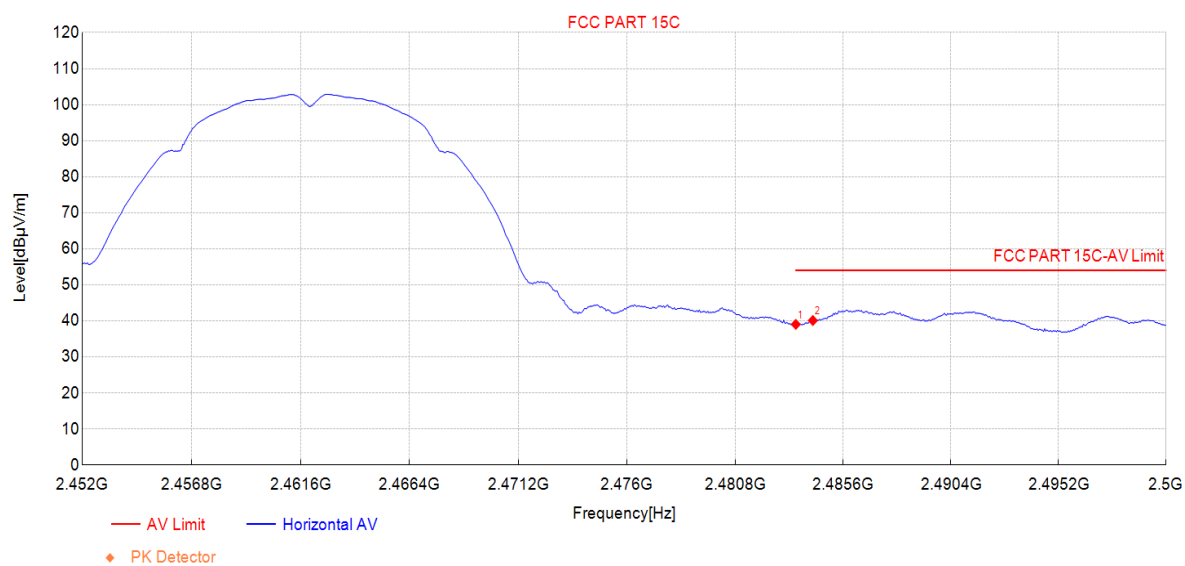


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	49.7	49.84	0.100	74.00	24.16	PK	Horizo	PASS
2	2484.78	51.9	52.00	0.110	74.00	22.00	PK	Horizo	PASS

Transmit at 2462MHz by 802.11b with Ant2

Test Graph

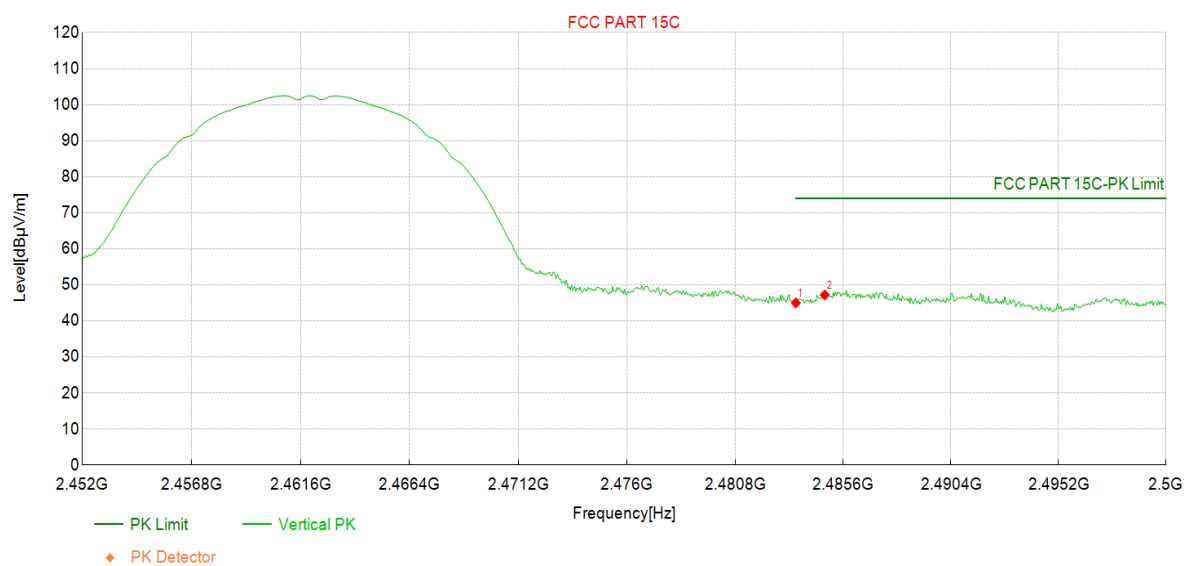


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	38.9	39.04	0.100	54.00	14.96	AV	Horizo	PASS
2	2484.26	40.0	40.11	0.100	54.00	13.89	AV	Horizo	PASS

Transmit at 2462MHz by 802.11b with Ant2

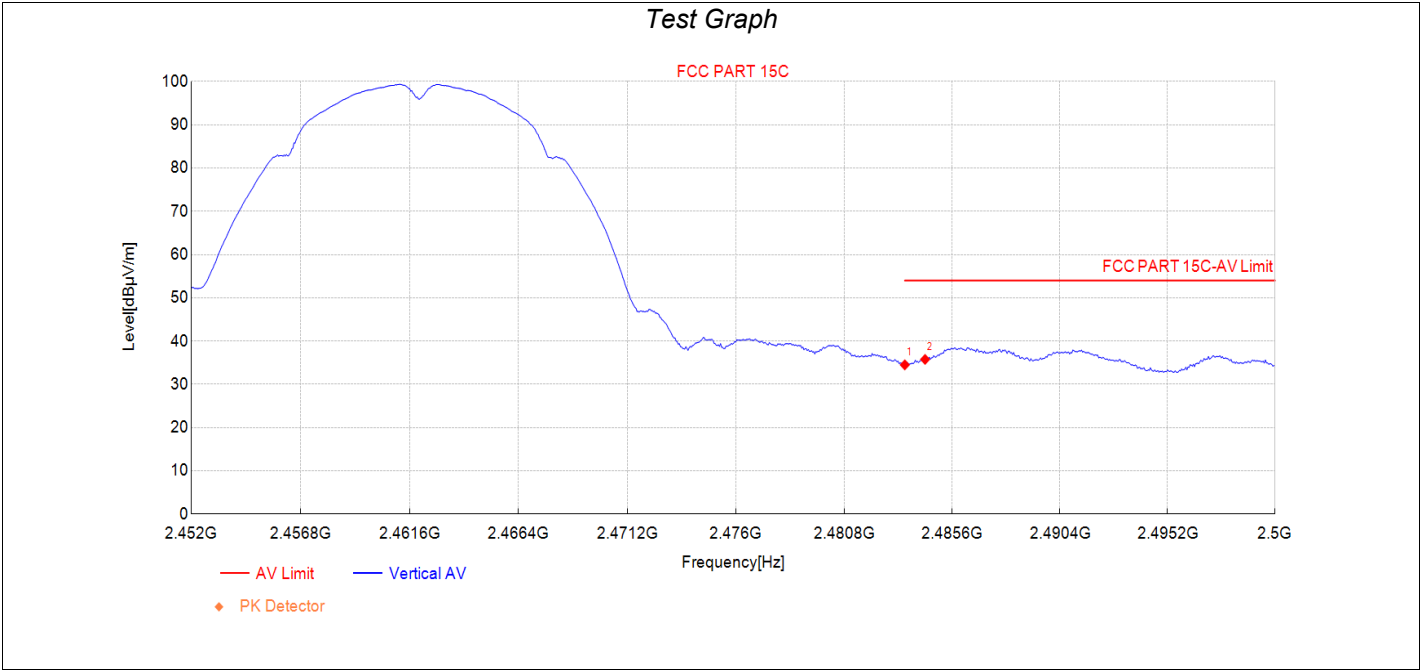
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	44.9	44.98	0.100	74.00	29.02	PK	Vertic	PASS
2	2484.78	47.1	47.20	0.110	74.00	26.80	PK	Vertic	PASS

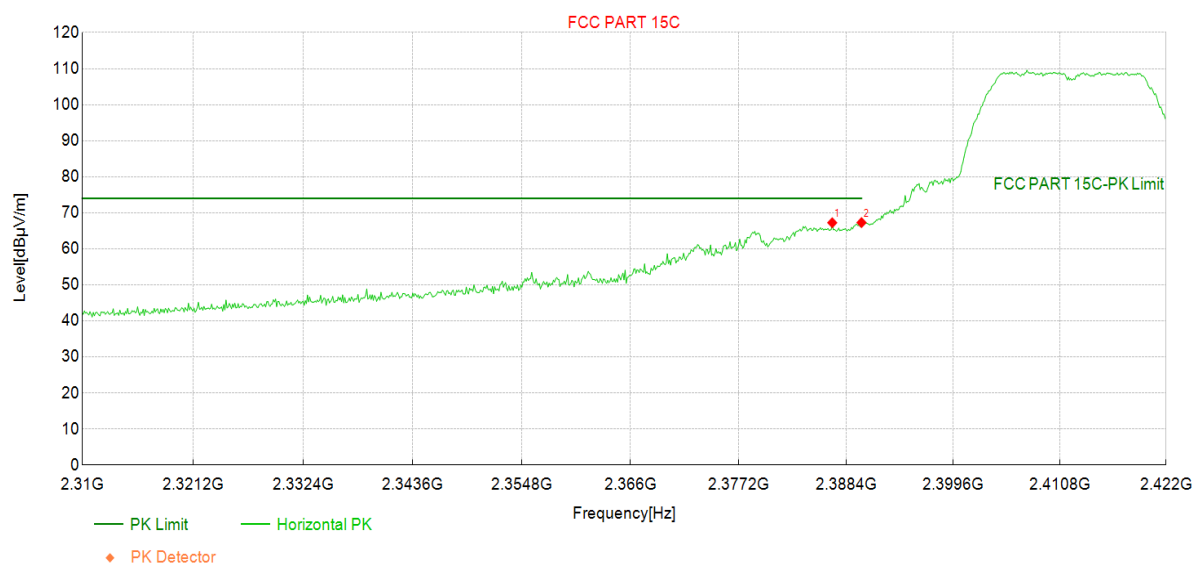
Transmit at 2462MHz by 802.11b with Ant2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	34.4	34.50	0.100	54.00	19.50	AV	Vertic	PASS
2	2484.40	35.7	35.76	0.100	54.00	18.24	AV	Vertic	PASS

Transmit at 2412MHz by 802.11g with Ant2

Test Graph

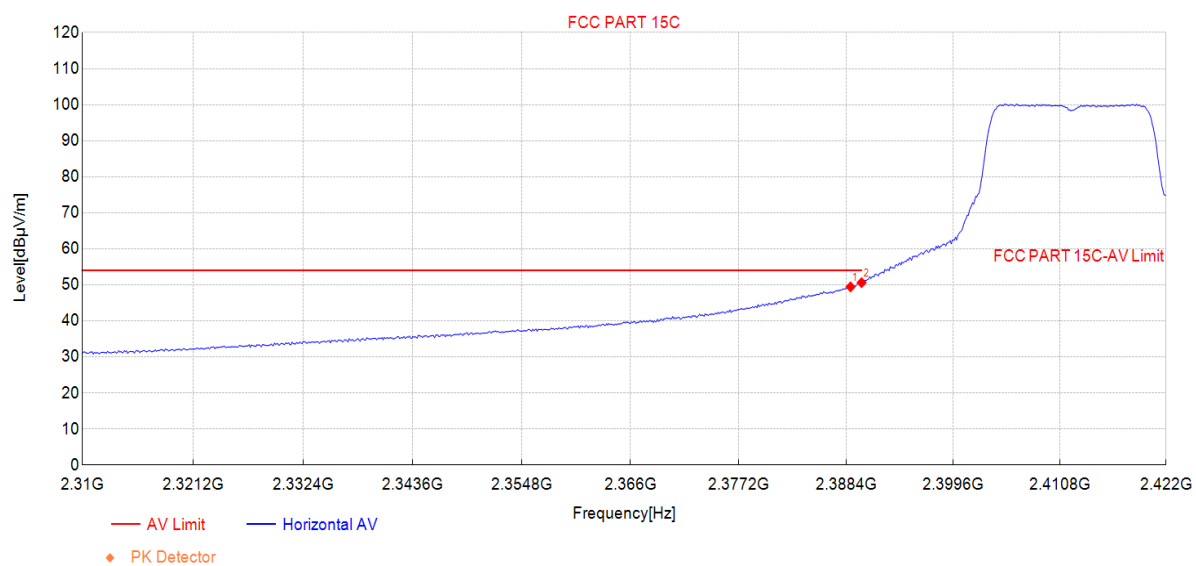


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.94	67.3	67.24	-0.100	74.00	6.76	PK	Horizo	PASS
2	2390.00	67.4	67.28	-0.090	74.00	6.72	PK	Horizo	PASS

Transmit at 2412MHz by 802.11g with Ant2

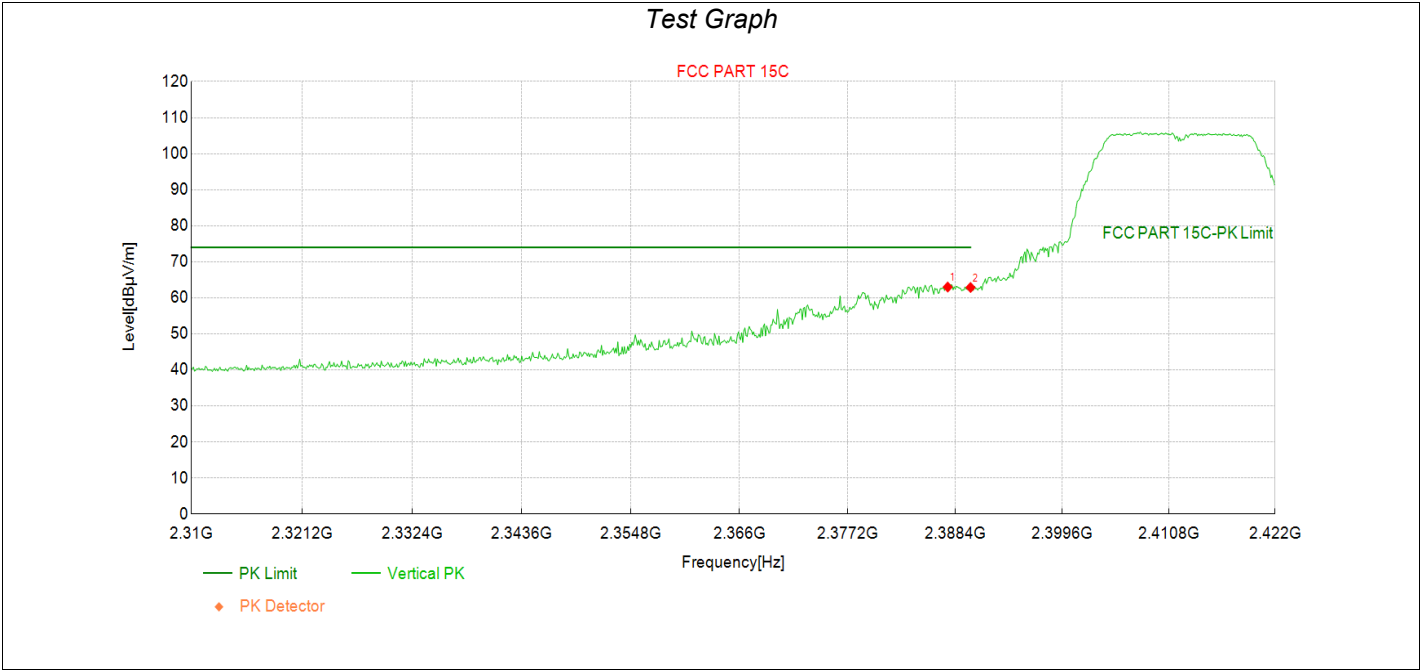
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.85	49.5	49.44	-0.100	54.00	4.56	AV	Horizo	PASS
2	2390.00	50.7	50.62	-0.090	54.00	3.38	AV	Horizo	PASS

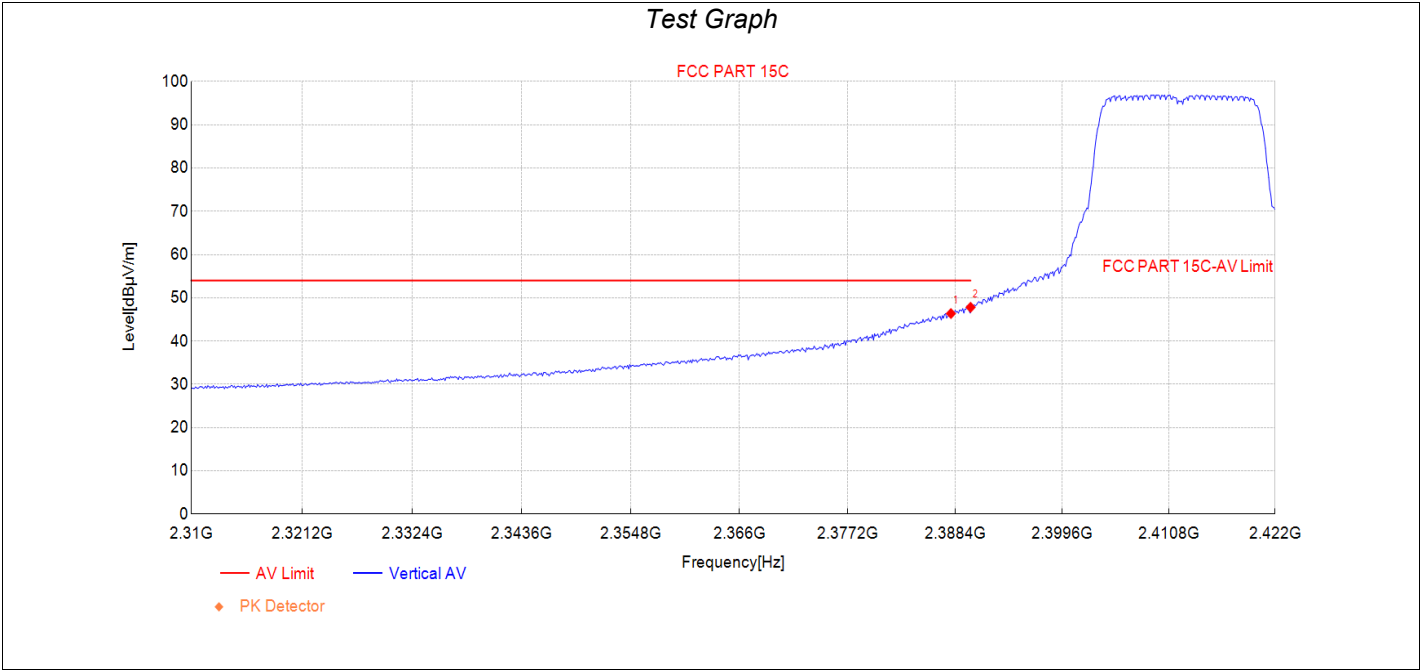
Transmit at 2412MHz by 802.11g with Ant2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.62	63.1	62.99	-0.100	74.00	11.01	PK	Vertic	PASS
2	2390.00	63.0	62.87	-0.090	74.00	11.13	PK	Vertic	PASS

Transmit at 2412MHz by 802.11g with Ant2

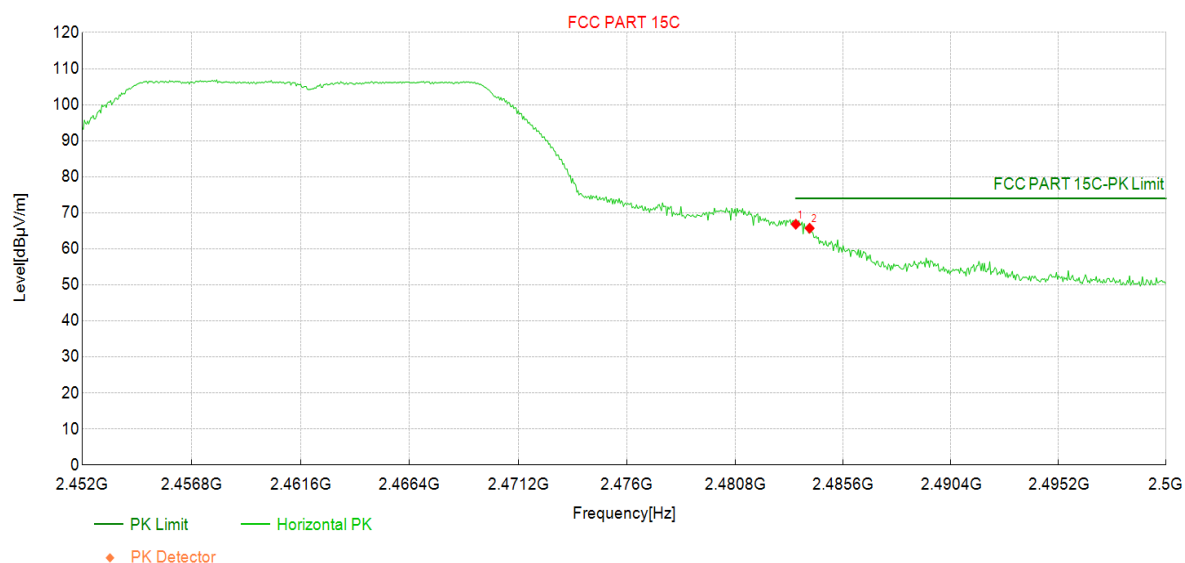


Data List

NO	Frequency [MHz]	Reading [dBµV]	Level [dBµV/m]	Factor [dB/m]	Limit [dBµV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.95	46.5	46.37	-0.100	54.00	7.63	AV	Vertic	PASS
2	2390.00	47.9	47.81	-0.090	54.00	6.19	AV	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant2

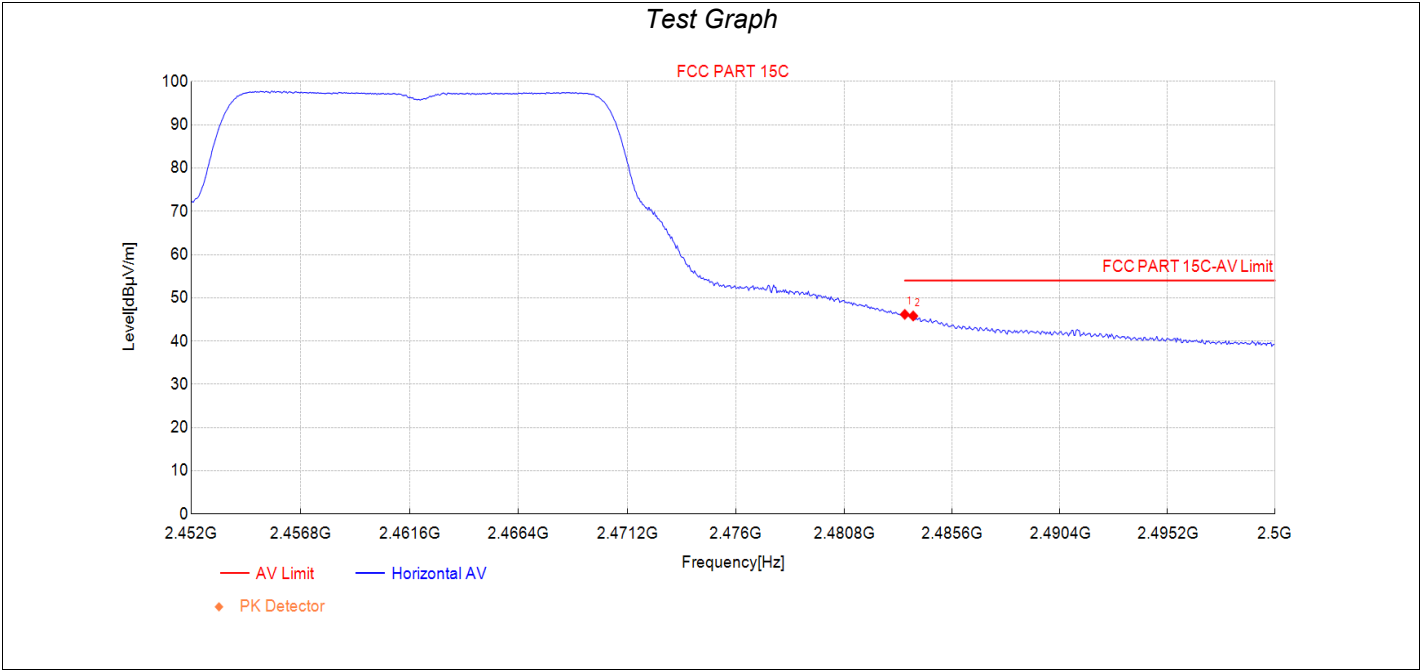
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	66.7	66.81	0.100	74.00	7.19	PK	Horizo	PASS
2	2484.11	65.6	65.71	0.100	74.00	8.29	PK	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant2

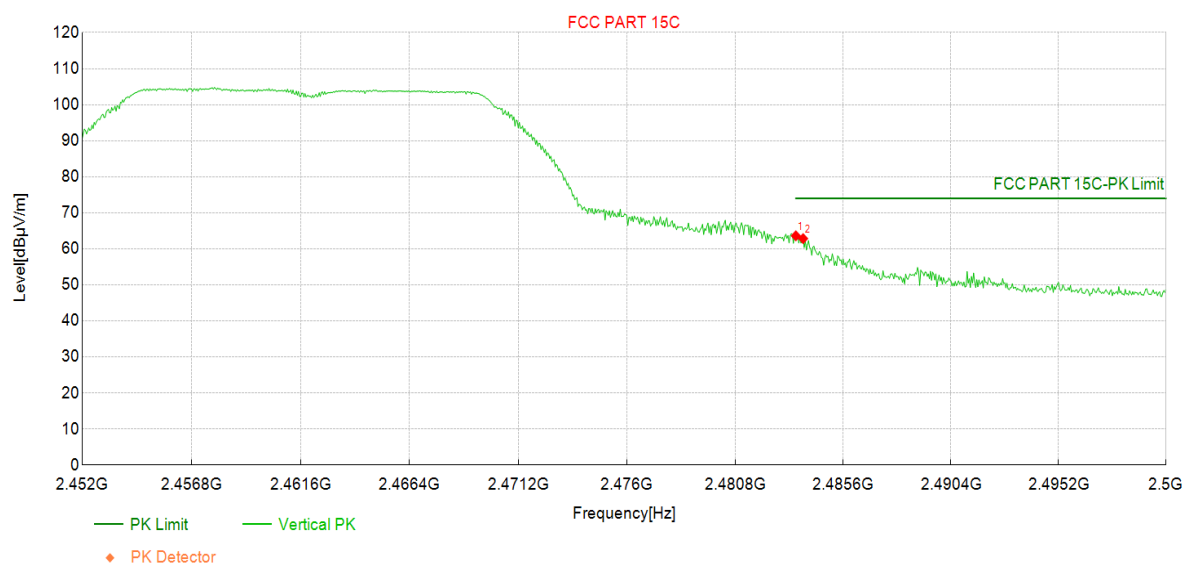


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	46.1	46.17	0.100	54.00	7.83	AV	Horizo	PASS
2	2483.87	45.7	45.81	0.100	54.00	8.19	AV	Horizo	PASS

Transmit at 2462MHz by 802.11g with Ant2

Test Graph

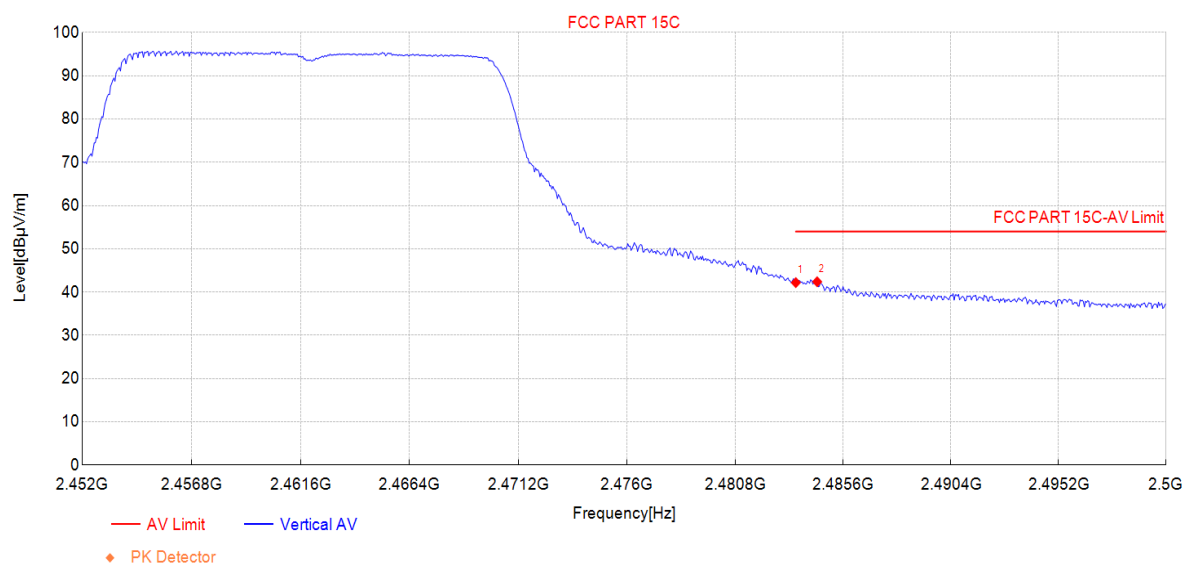


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	63.5	63.61	0.100	74.00	10.39	PK	Vertic	PASS
2	2483.82	62.7	62.84	0.100	74.00	11.16	PK	Vertic	PASS

Transmit at 2462MHz by 802.11g with Ant2

Test Graph

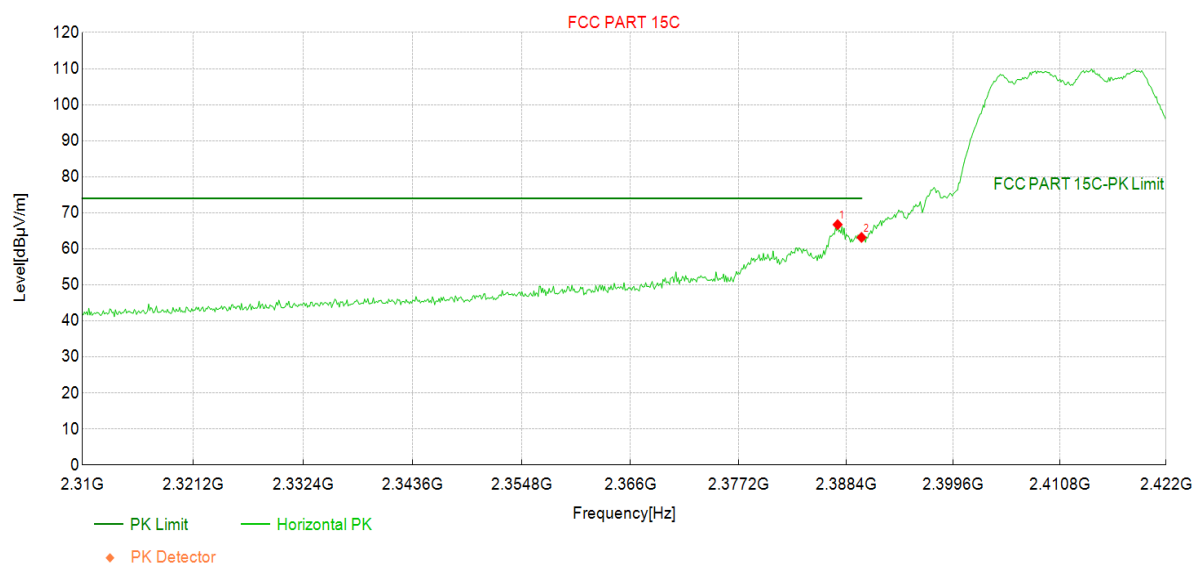


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.1	42.18	0.100	54.00	11.82	AV	Vertic	PASS
2	2484.45	42.3	42.39	0.100	54.00	11.61	AV	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

Test Graph

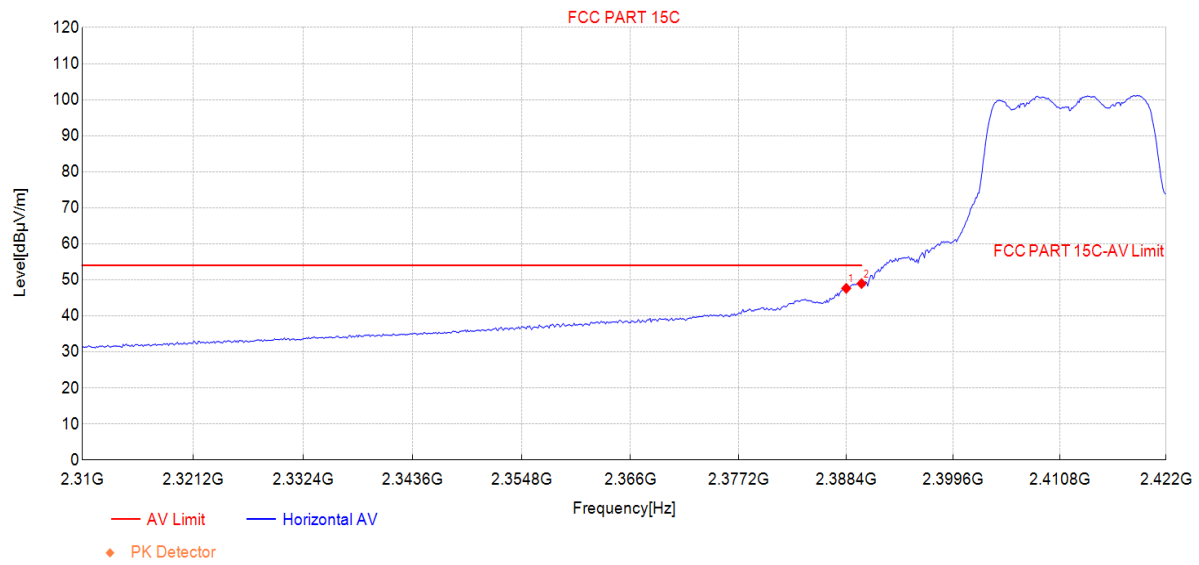


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.50	66.8	66.72	-0.100	74.00	7.28	PK	Horizo	PASS
2	2390.00	63.3	63.17	-0.090	74.00	10.83	PK	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

Test Graph

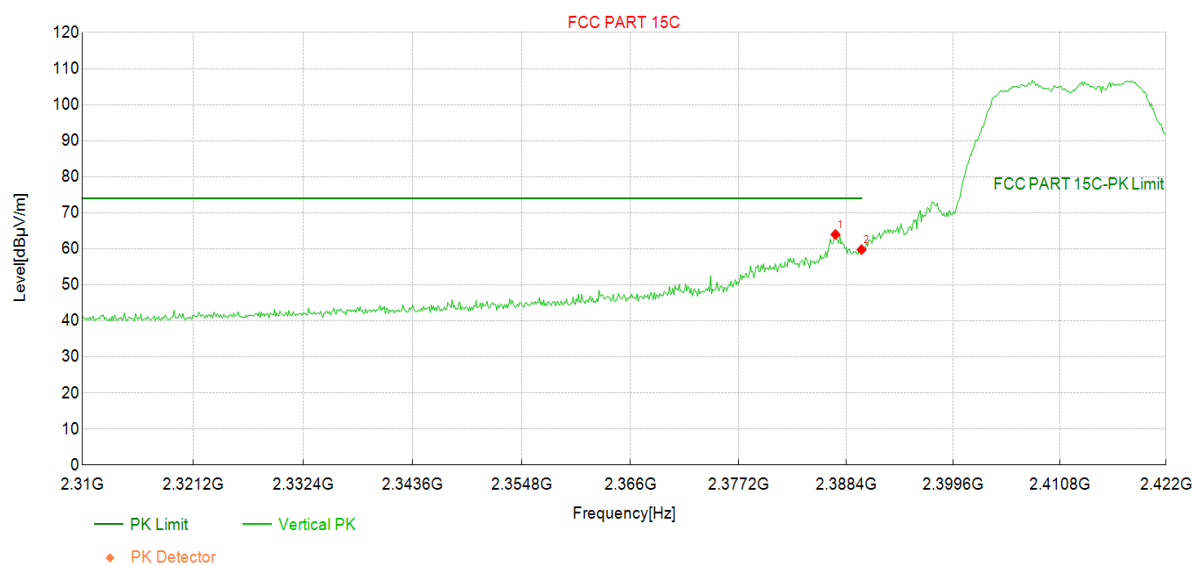


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.40	47.7	47.64	-0.100	54.00	6.36	AV	Horizo	PASS
2	2390.00	49.1	48.98	-0.090	54.00	5.02	AV	Horizo	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

Test Graph

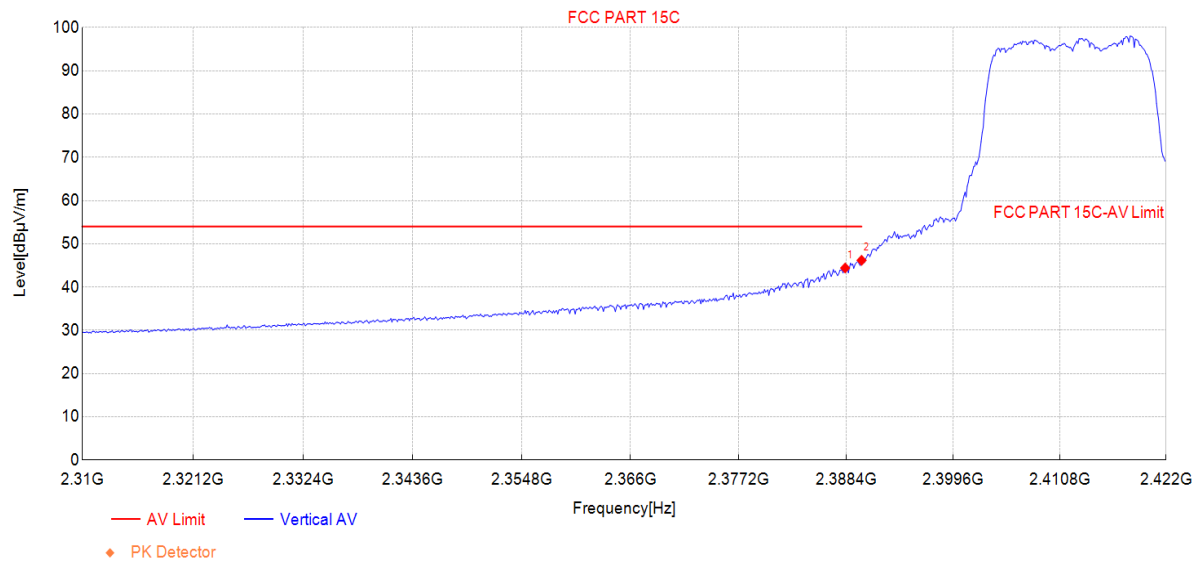


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2387.28	64.1	63.98	-0.100	74.00	10.02	PK	Vertic	PASS
2	2390.00	59.9	59.78	-0.090	74.00	14.22	PK	Vertic	PASS

Transmit at 2412MHz by 802.11n(20MHz) with Ant1+2

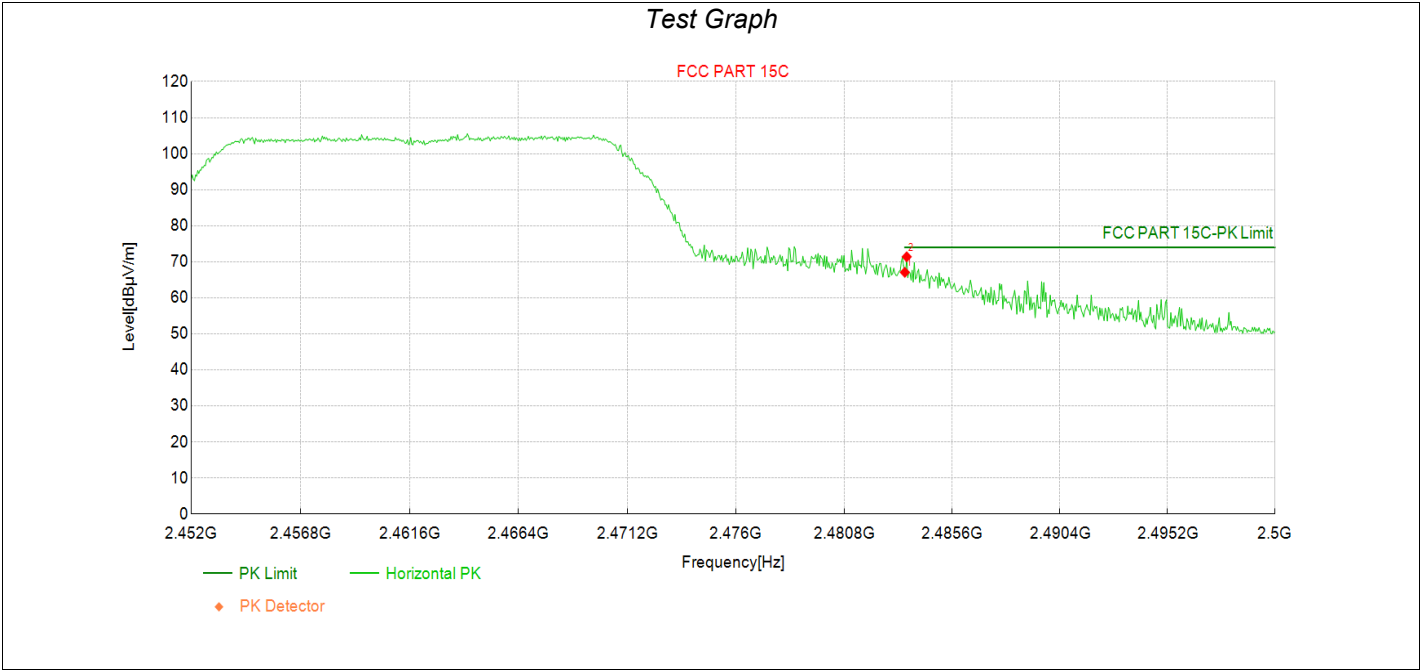
Test Graph



Data List

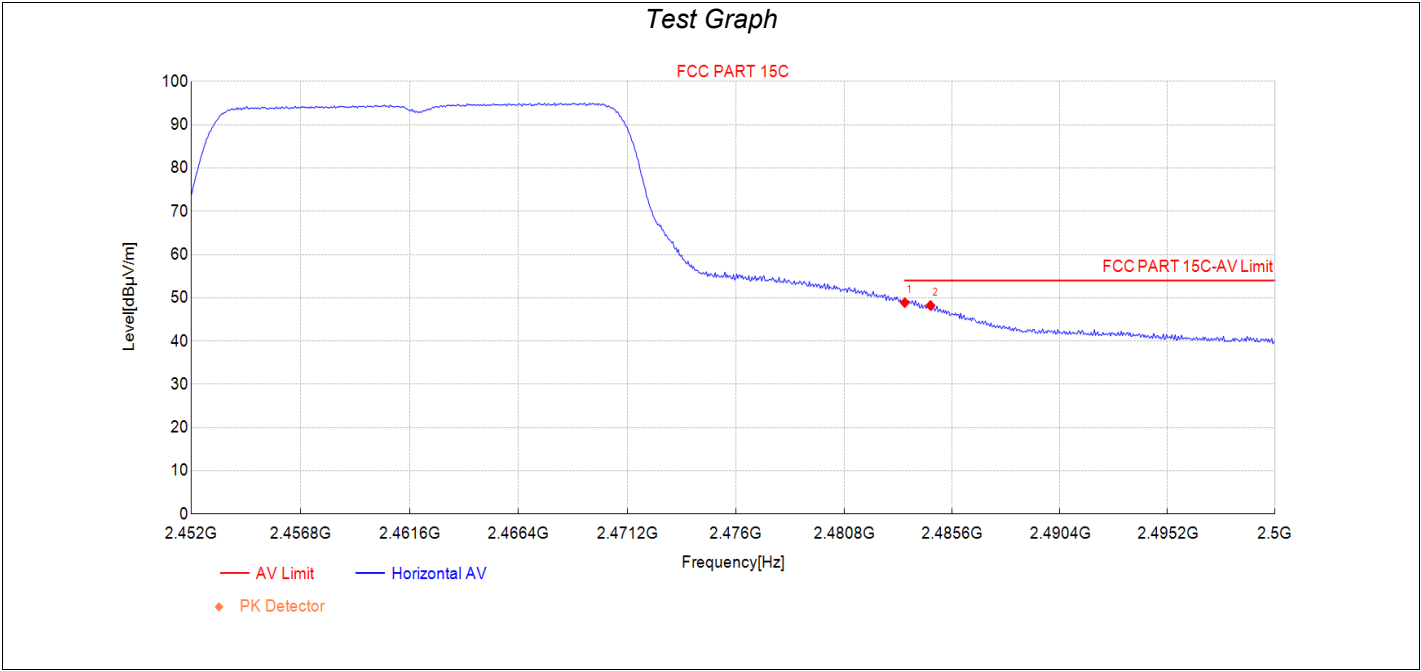
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.29	44.5	44.42	-0.100	54.00	9.58	AV	Vertic	PASS
2	2390.00	46.3	46.19	-0.090	54.00	7.81	AV	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	67.0	67.08	0.100	74.00	6.92	PK	Horizo	PASS
2	2483.58	71.3	71.39	0.100	74.00	2.61	PK	Horizo	PASS

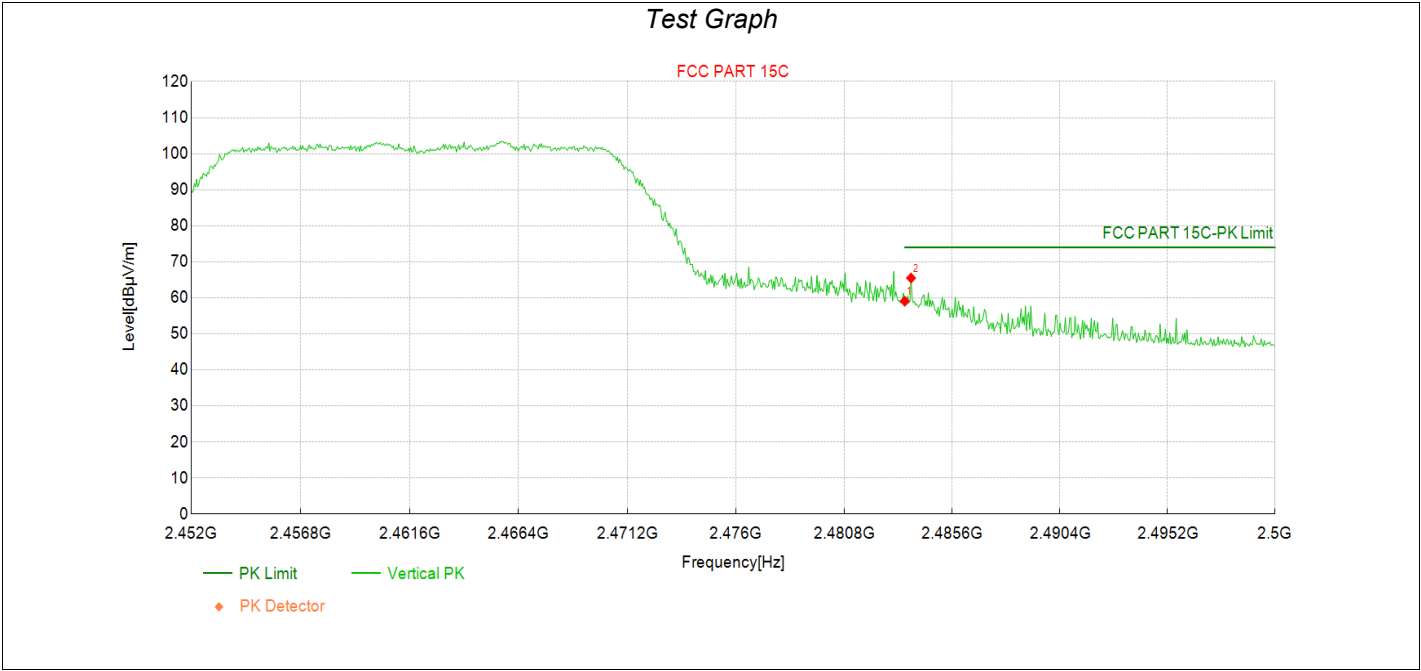
Transmit at 2462MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequenc y [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdi ct
1	2483.50	48.8	48.88	0.100	54.00	5.12	AV	Horizo	PASS
2	2484.64	48.1	48.23	0.100	54.00	5.77	AV	Horizo	PASS

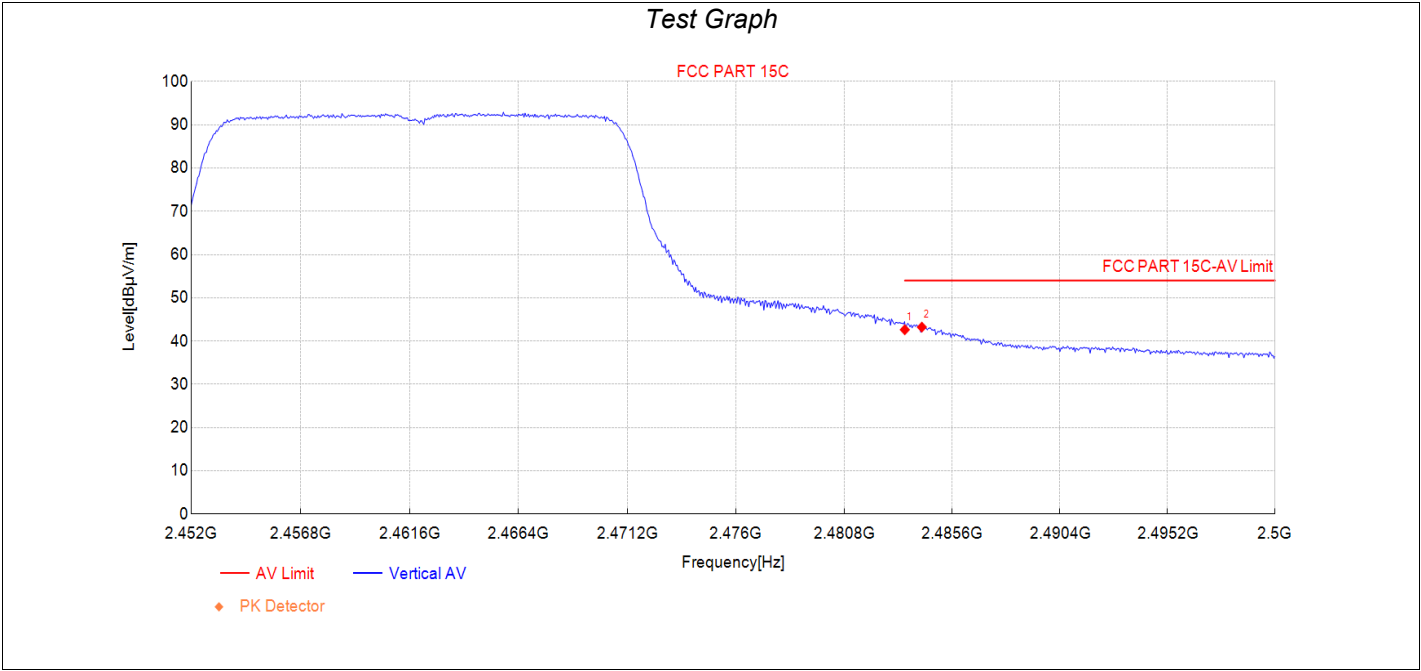
Transmit at 2462MHz by 802.11n(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	59.0	59.06	0.100	74.00	14.94	PK	Vertic	PASS
2	2483.78	65.4	65.49	0.100	74.00	8.51	PK	Vertic	PASS

Transmit at 2462MHz by 802.11n(20MHz) with Ant1+2

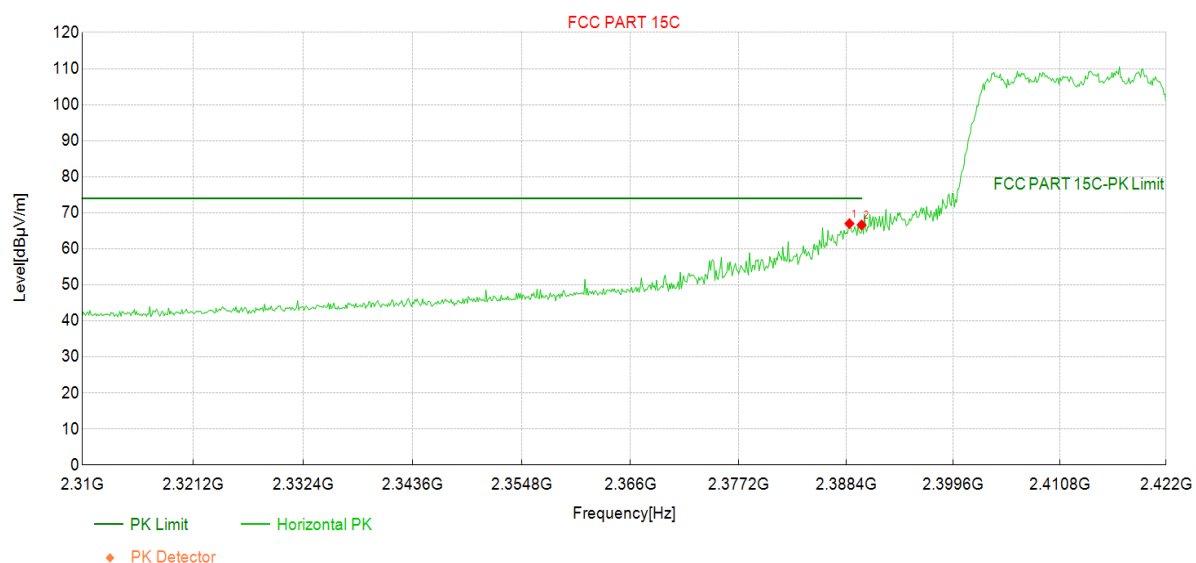


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	42.5	42.62	0.100	54.00	11.38	AV	Vertic	PASS
2	2484.26	43.1	43.22	0.100	54.00	10.78	AV	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant1+2

Test Graph

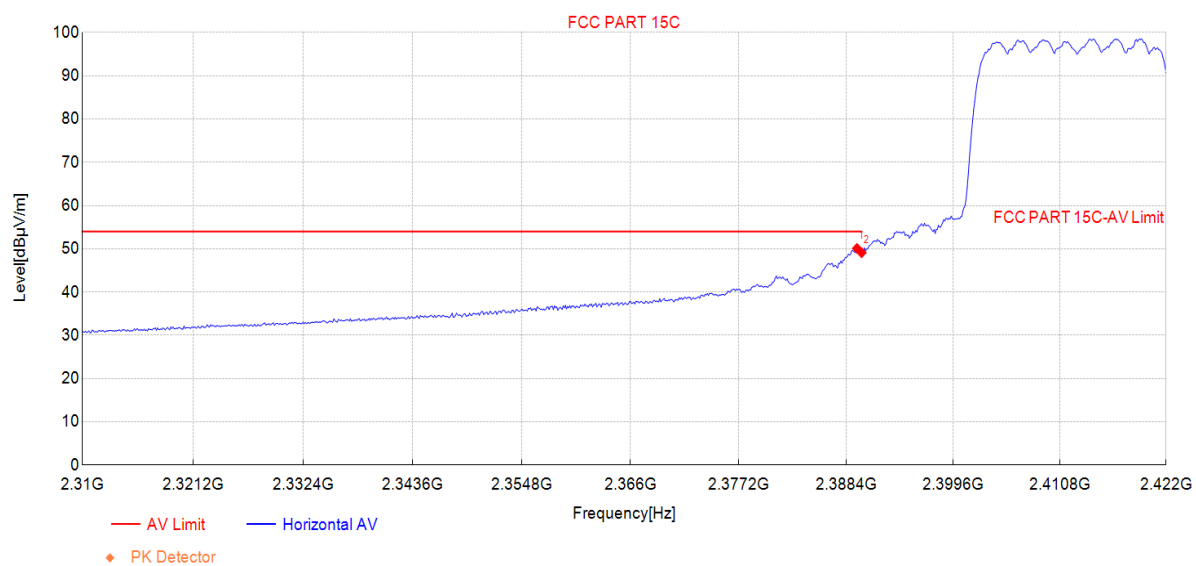


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.74	67.1	66.99	-0.100	74.00	7.01	PK	Horizo	PASS
2	2390.00	66.7	66.62	-0.090	74.00	7.38	PK	Horizo	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant1+2

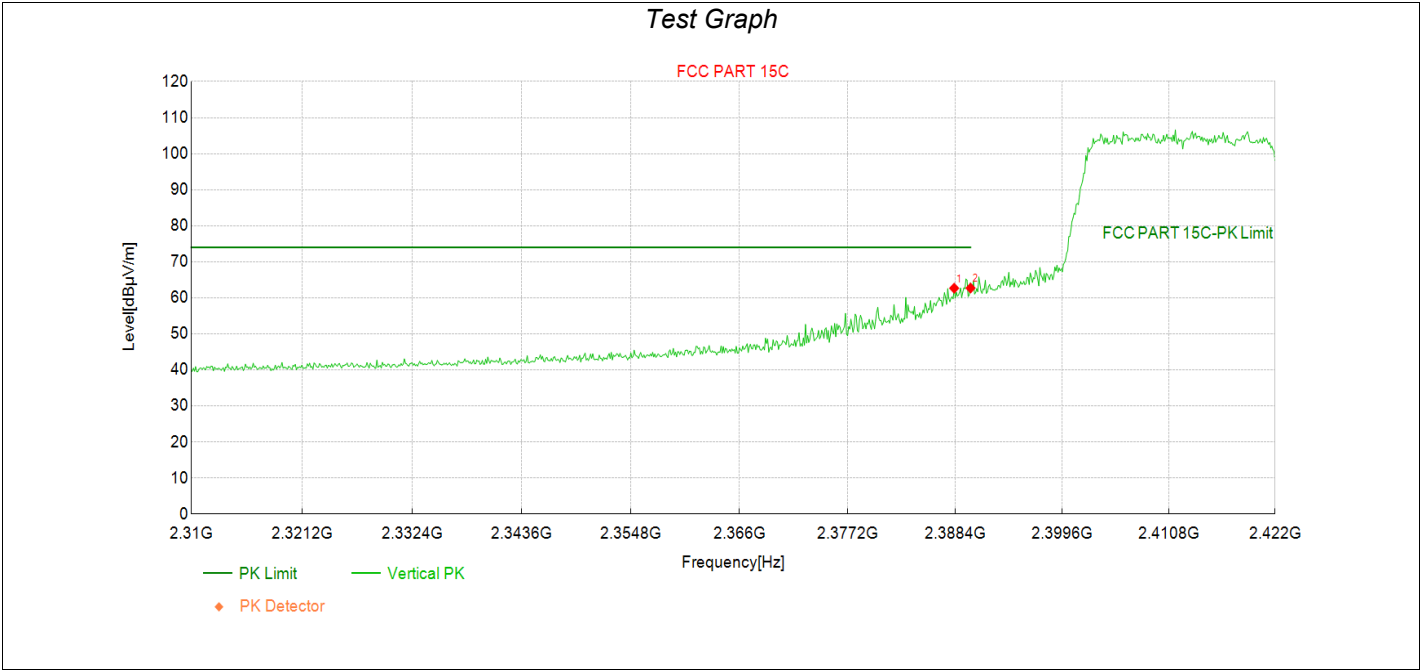
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2389.52	50.2	50.10	-0.090	54.00	3.90	AV	Horizo	PASS
2	2390.00	49.2	49.10	-0.090	54.00	4.90	AV	Horizo	PASS

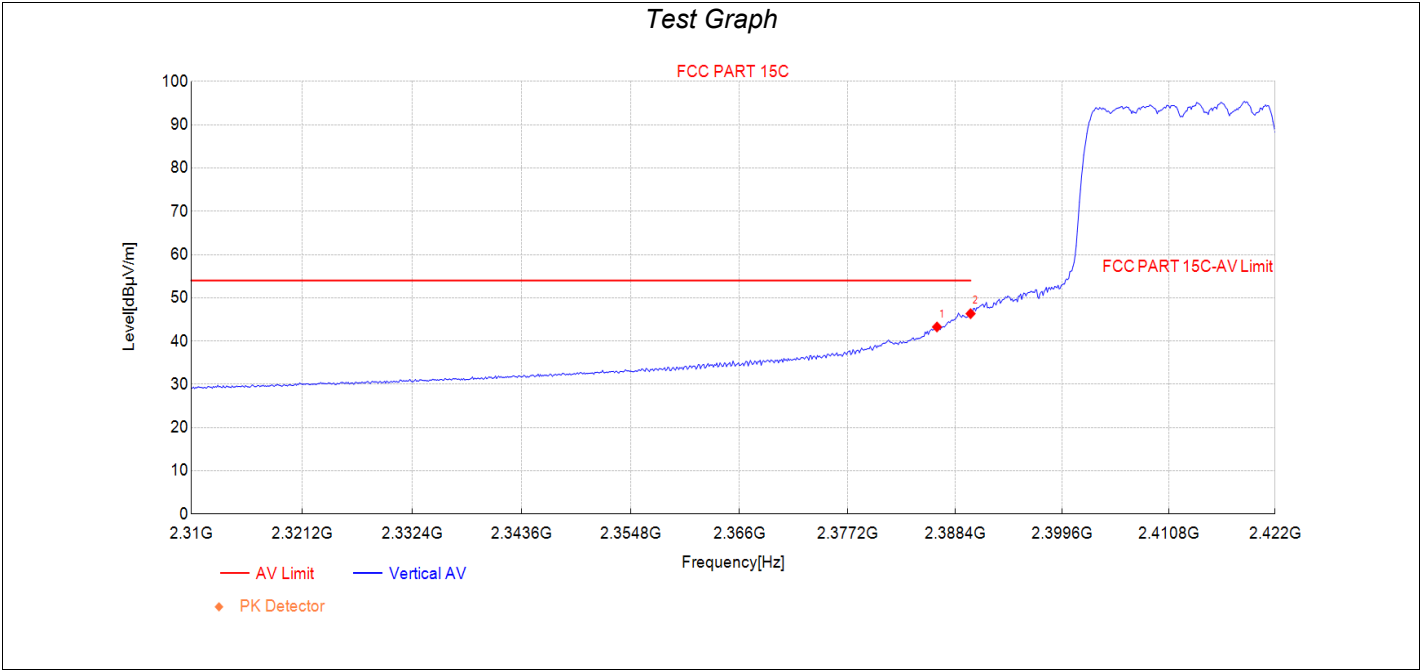
Transmit at 2412MHz by 802.11ax(20MHz) with Ant1+2



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2388.29	62.8	62.67	-0.100	74.00	11.33	PK	Vertic	PASS
2	2390.00	62.8	62.71	-0.090	74.00	11.29	PK	Vertic	PASS

Transmit at 2412MHz by 802.11ax(20MHz) with Ant1+2

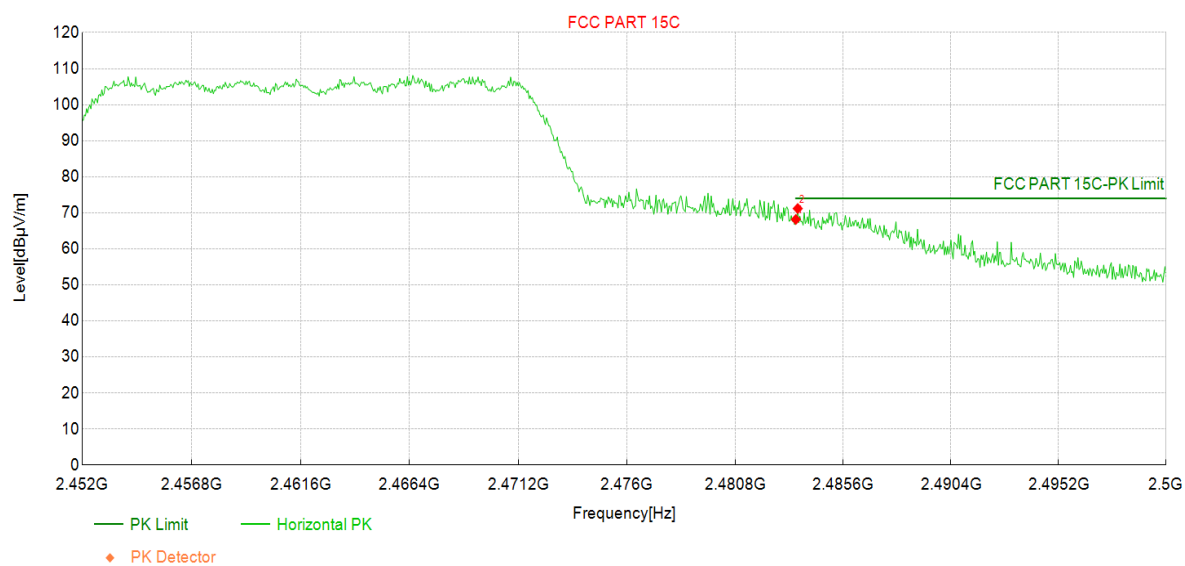


Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2386.50	43.4	43.26	-0.100	54.00	10.74	AV	Vertic	PASS
2	2390.00	46.4	46.34	-0.090	54.00	7.66	AV	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant1+2

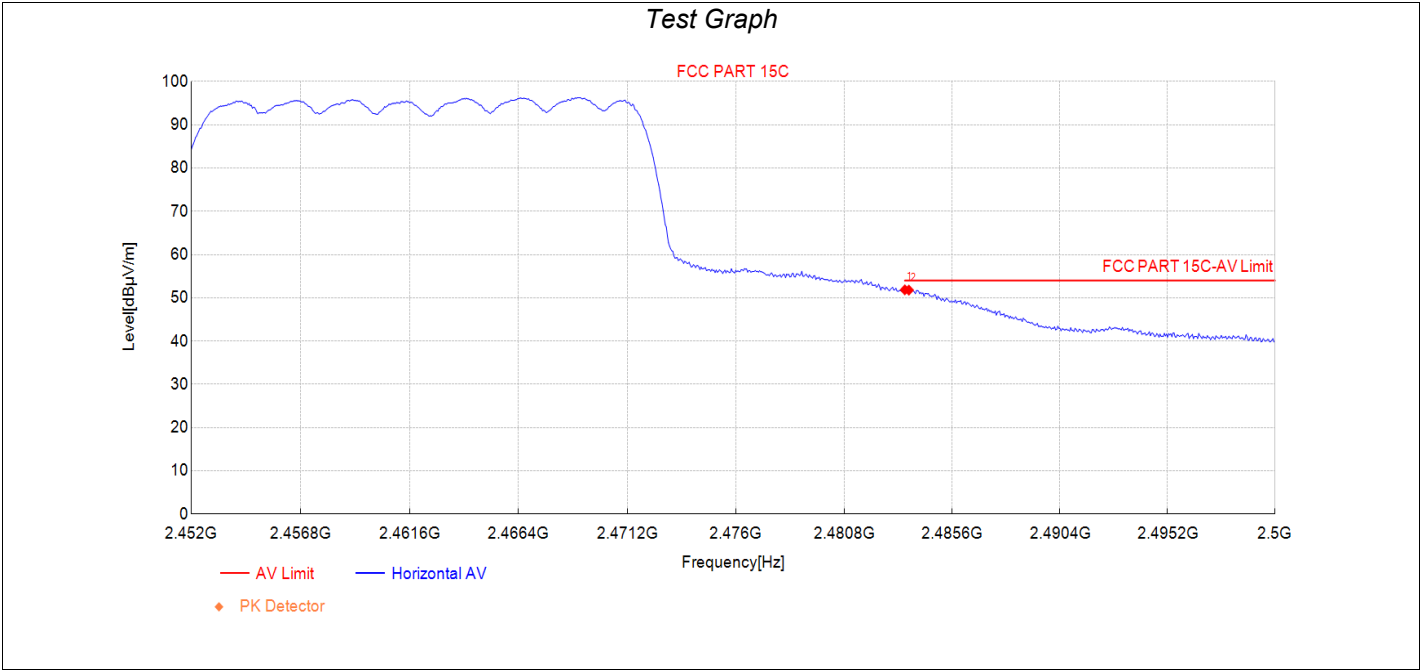
Test Graph



Data List

NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	68.1	68.16	0.100	74.00	5.84	PK	Horizo	PASS
2	2483.58	71.1	71.17	0.100	74.00	2.83	PK	Horizo	PASS

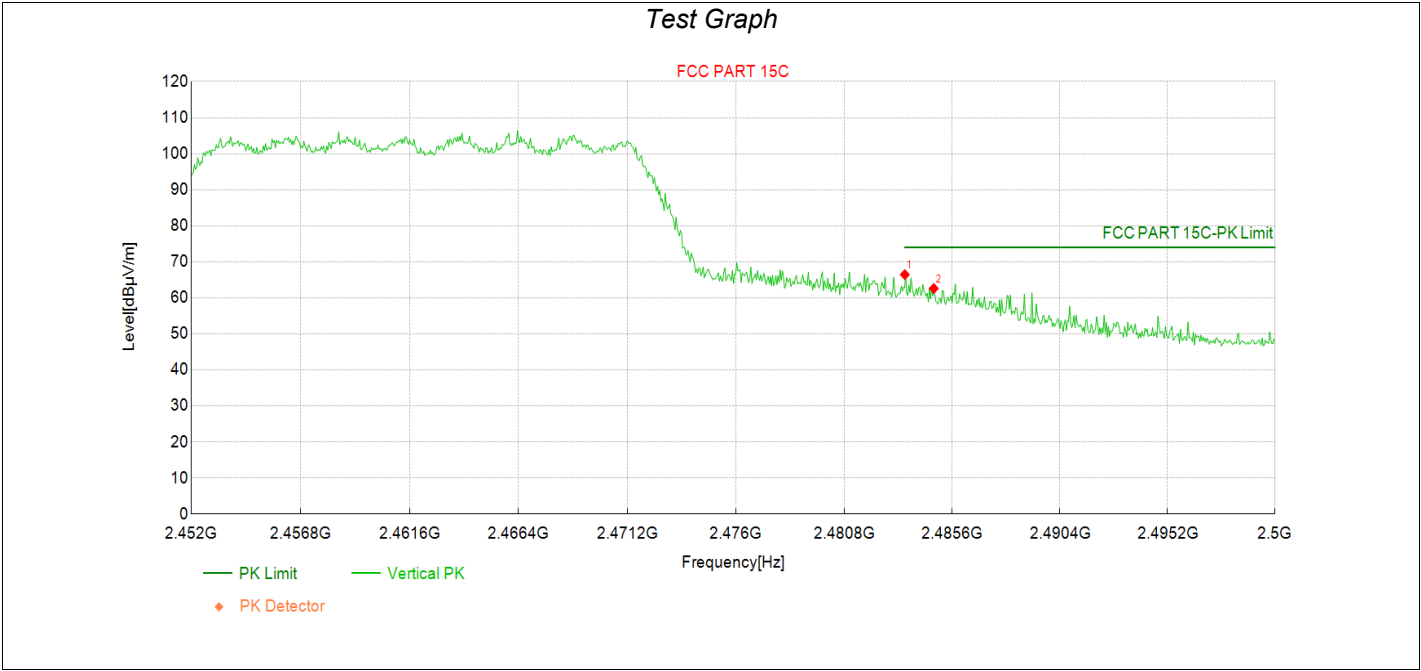
Transmit at 2462MHz by 802.11ax(20MHz) with Ant1+2



Data List

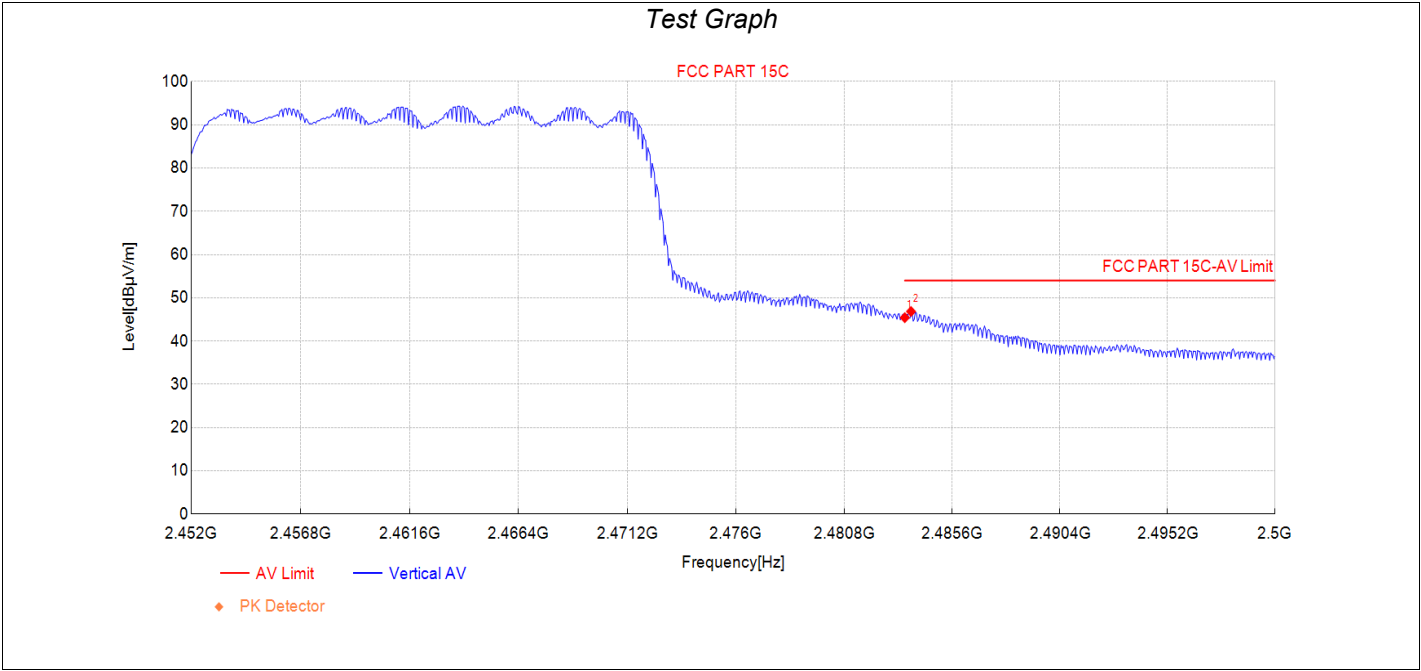
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	51.8	51.85	0.100	54.00	2.15	AV	Horizo	PASS
2	2483.68	51.7	51.78	0.100	54.00	2.22	AV	Horizo	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant1+2



Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	66.3	66.44	0.100	74.00	7.56	PK	Vertic	PASS
2	2484.78	62.5	62.59	0.110	74.00	11.41	PK	Vertic	PASS

Transmit at 2462MHz by 802.11ax(20MHz) with Ant1+2



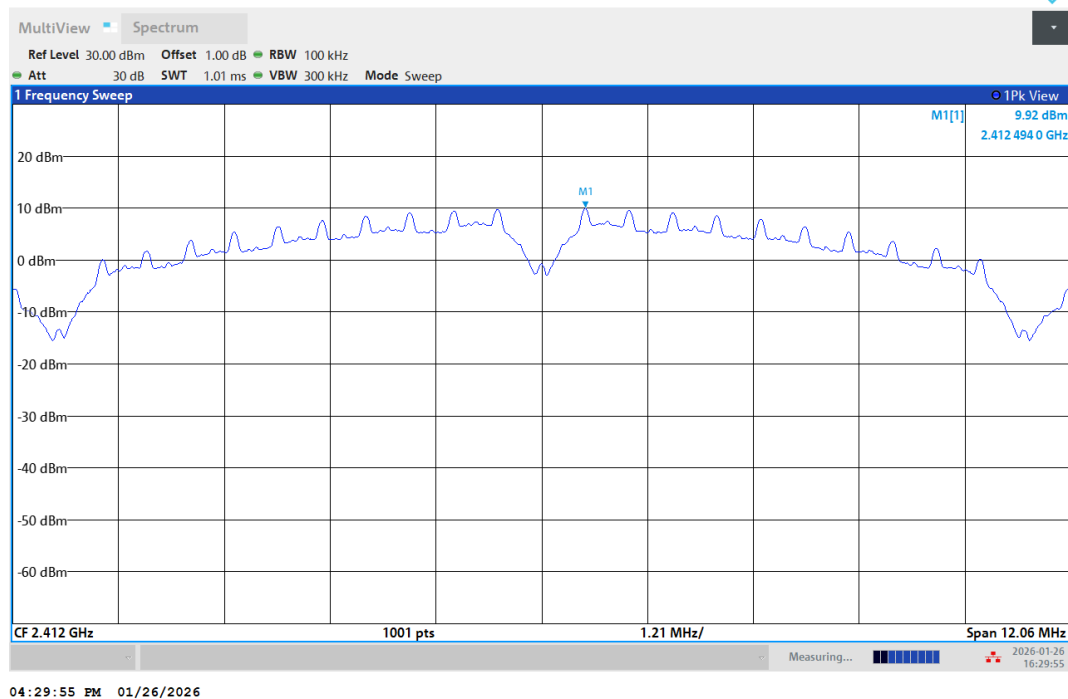
Data List									
NO	Frequency [MHz]	Reading [dBμV]	Level [dBμV/m]	Factor [dB/m]	Limit [dBμV/m]	Margin [dB]	Det	Pol	Verdict
1	2483.50	45.3	45.41	0.100	54.00	8.59	AV	Vertic	PASS
2	2483.78	46.7	46.84	0.100	54.00	7.16	AV	Vertic	PASS

Note: Level = Reading + Factor (Antenna factor + Amplifier factor + Cable loss)

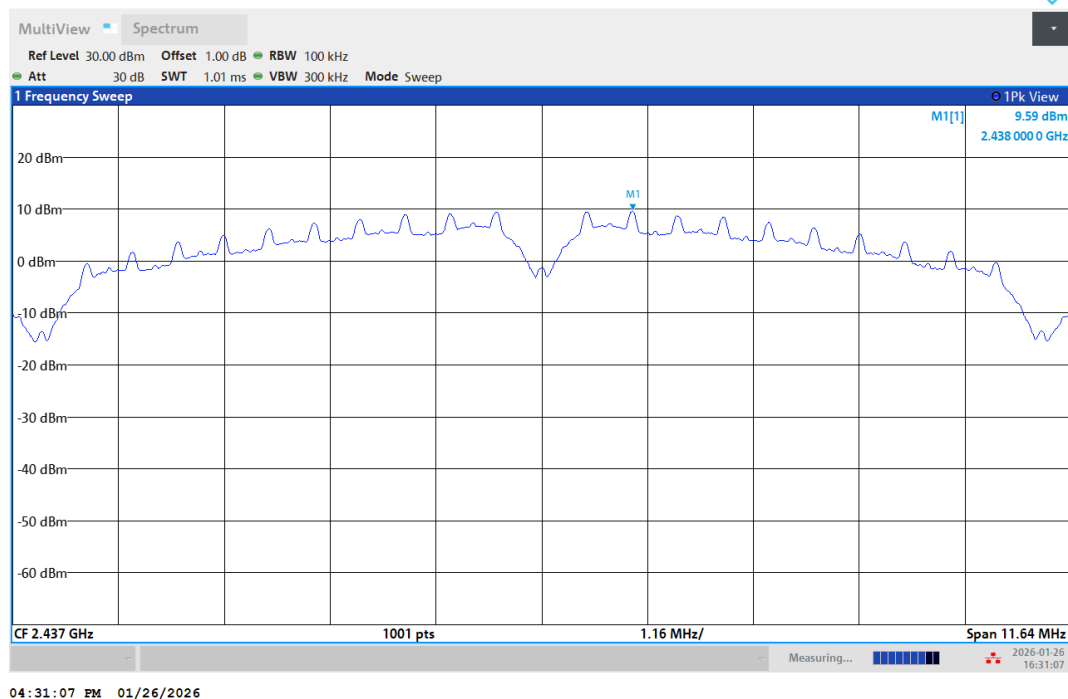
Conducted Spurious Emission

Reference level measurement

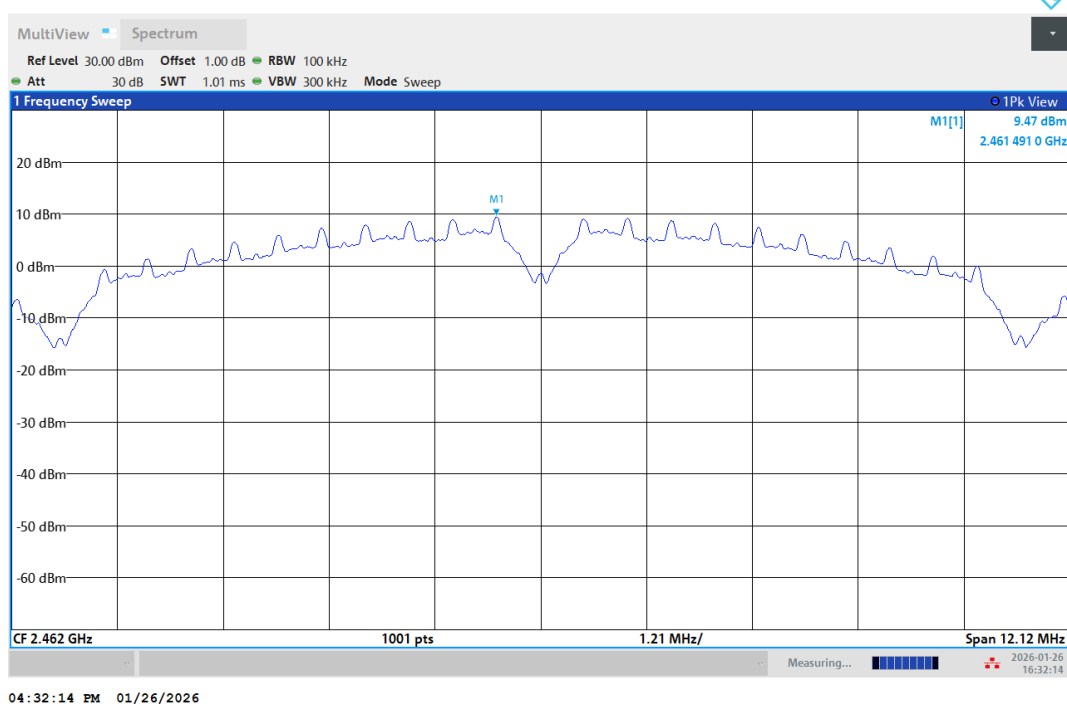
Test Graphs



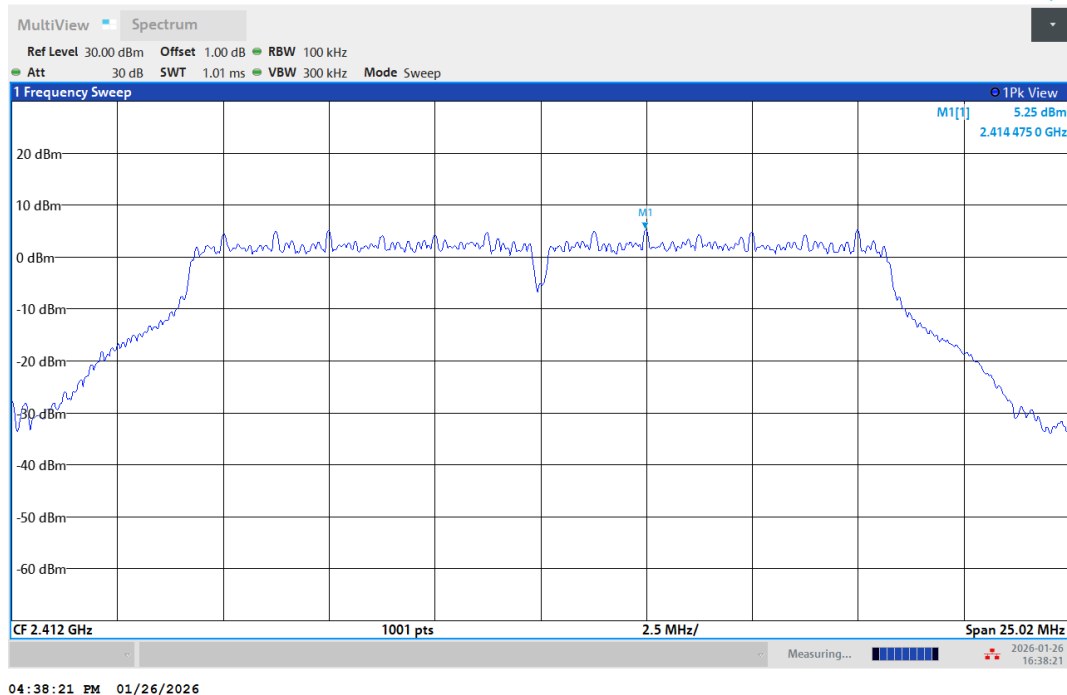
11B-2412-PASS



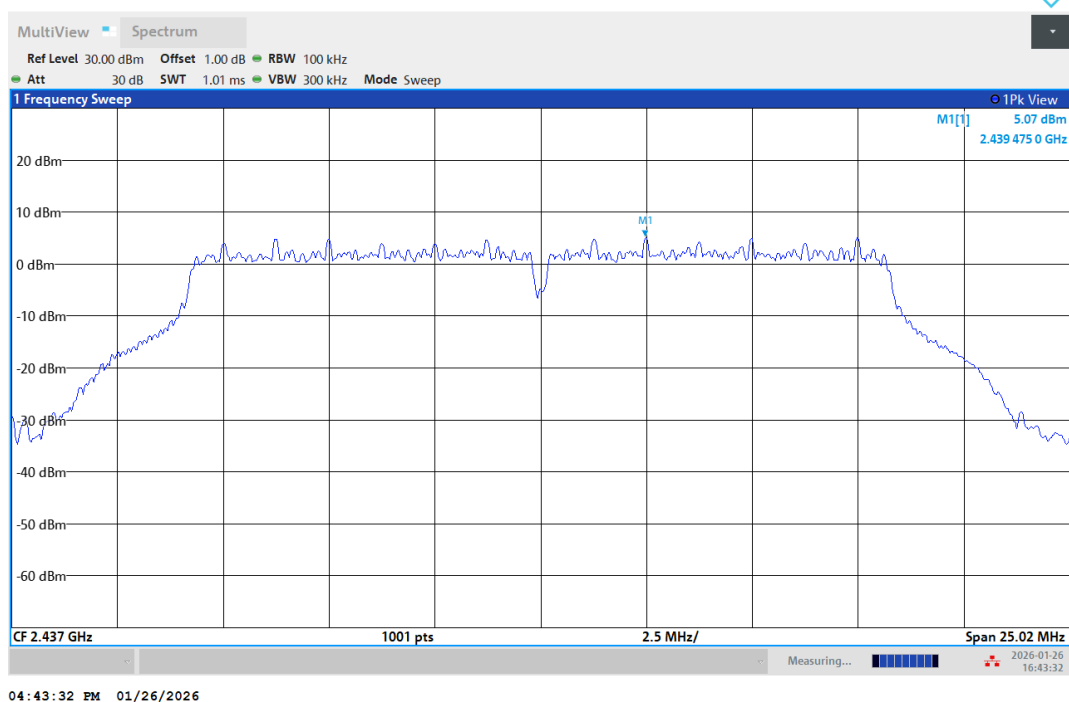
11B-2437-PASS



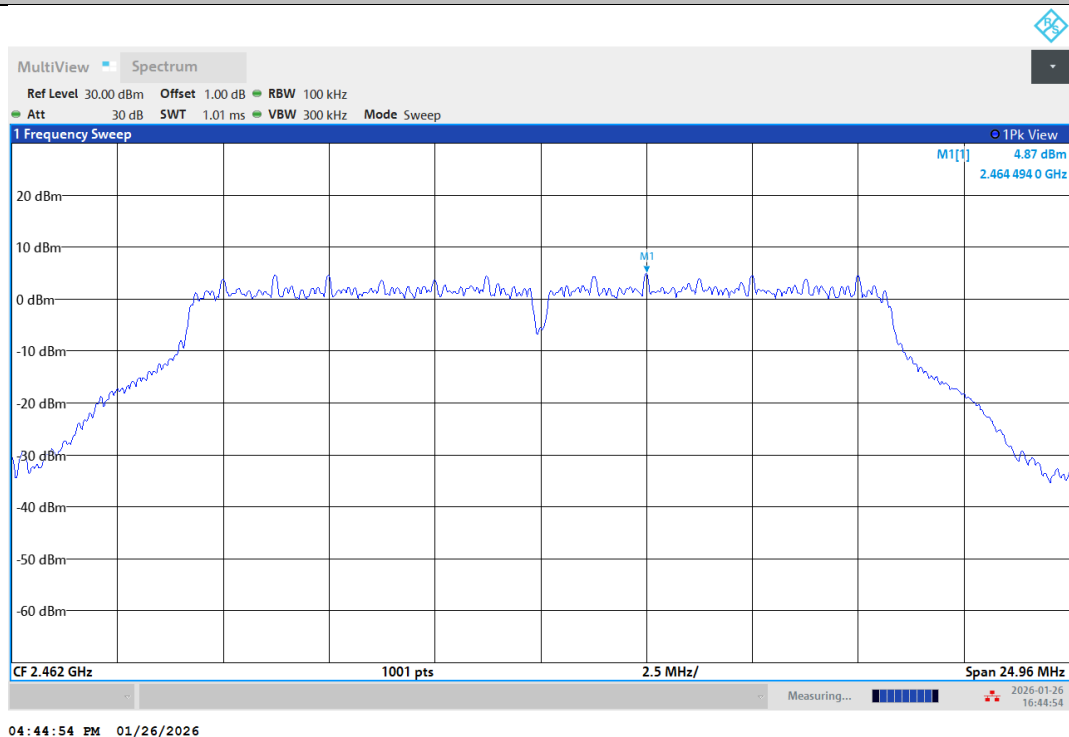
11B-2462-PASS



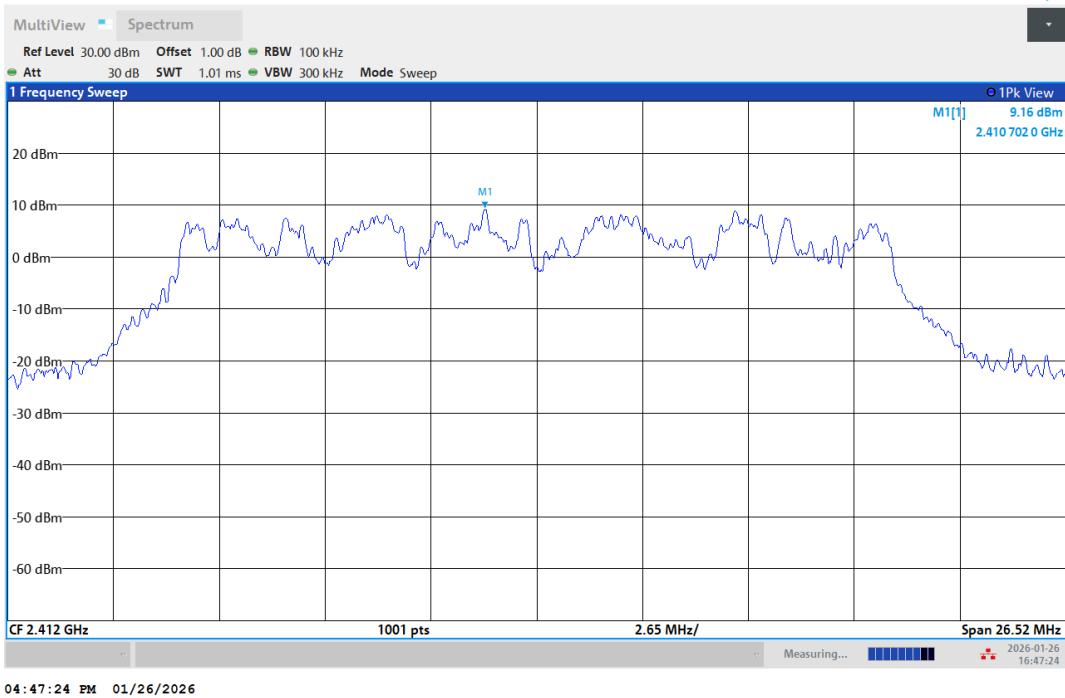
11G-2412-PASS



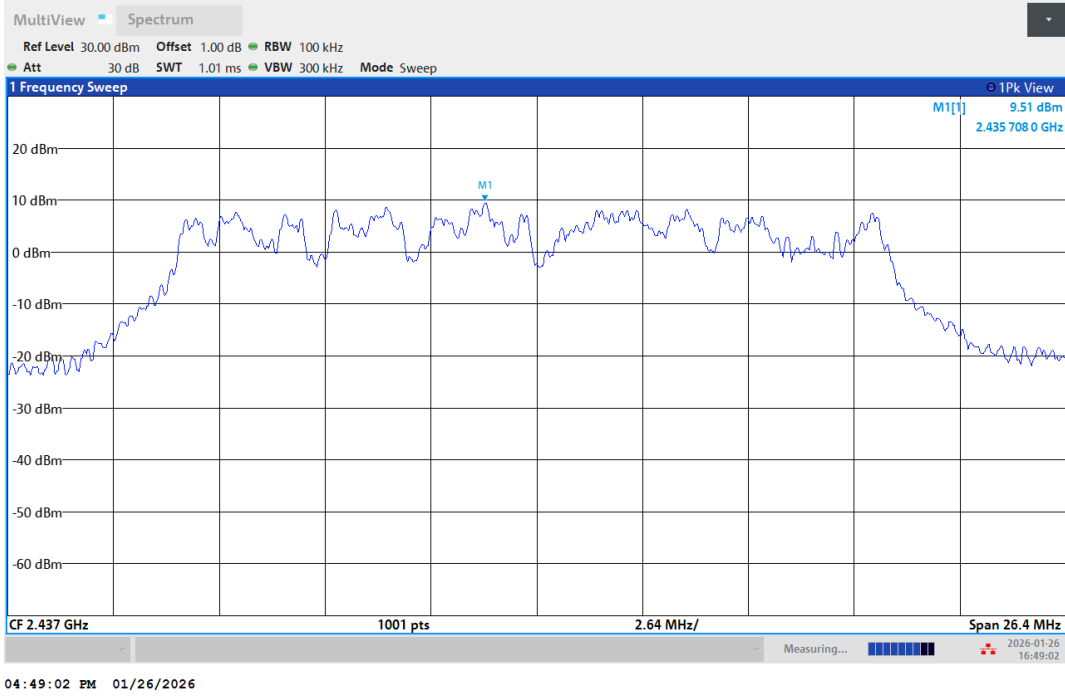
11G-2437-PASS



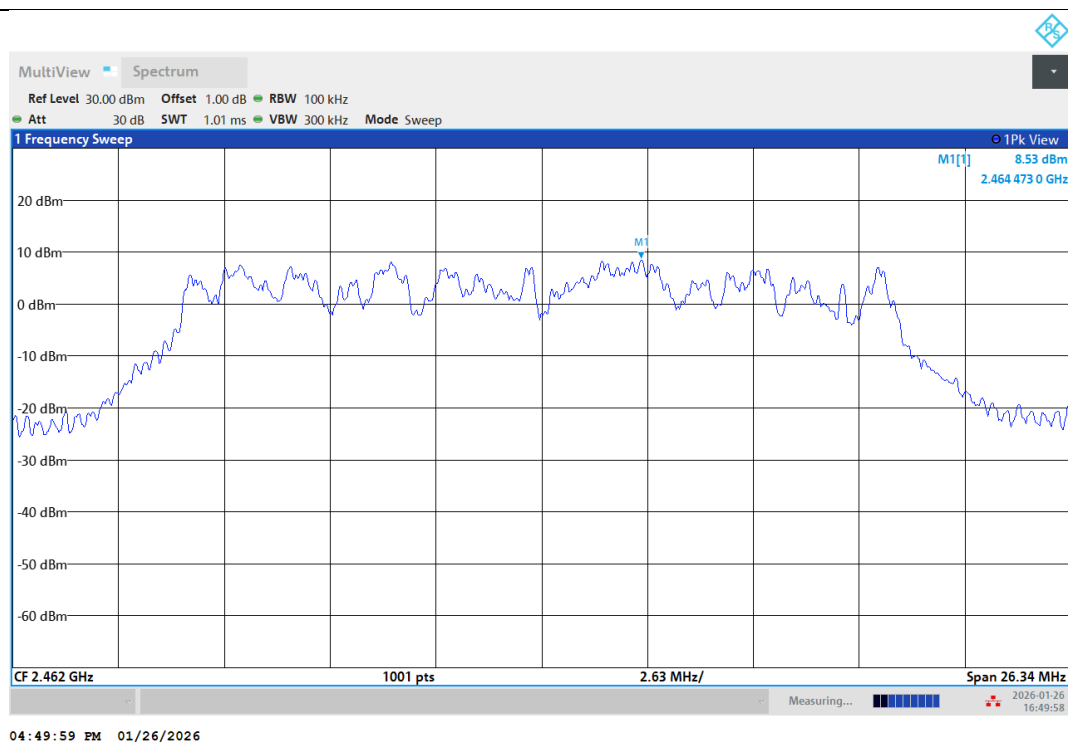
11G-2462-PASS



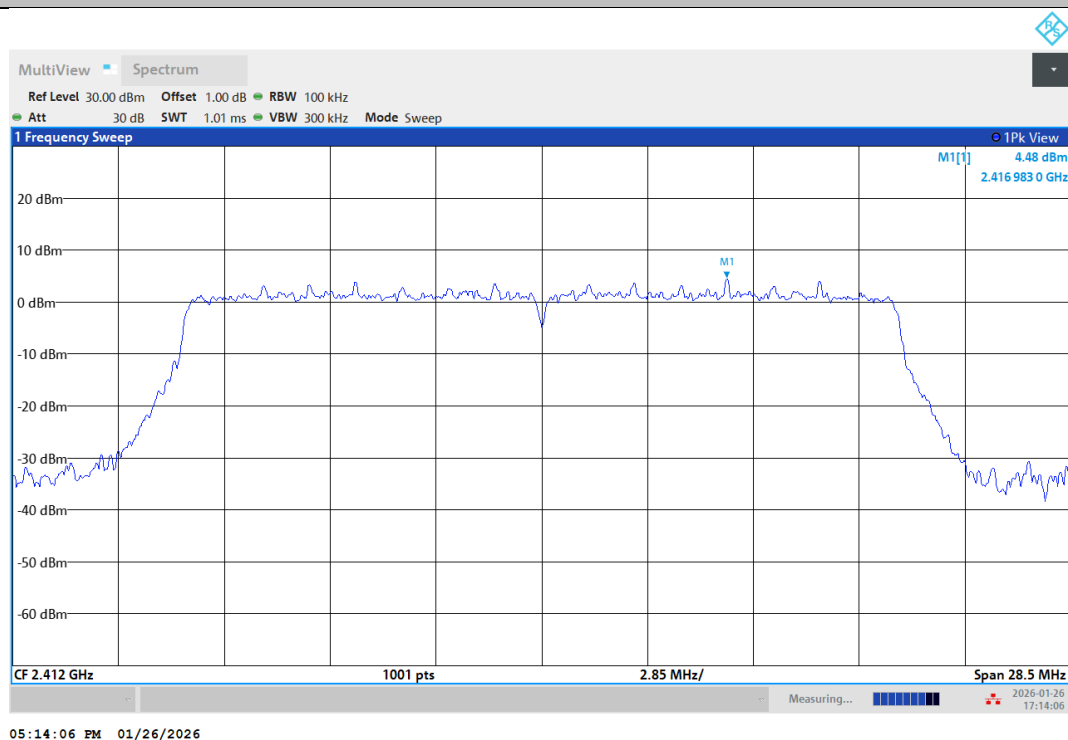
11N20-2412-PASS



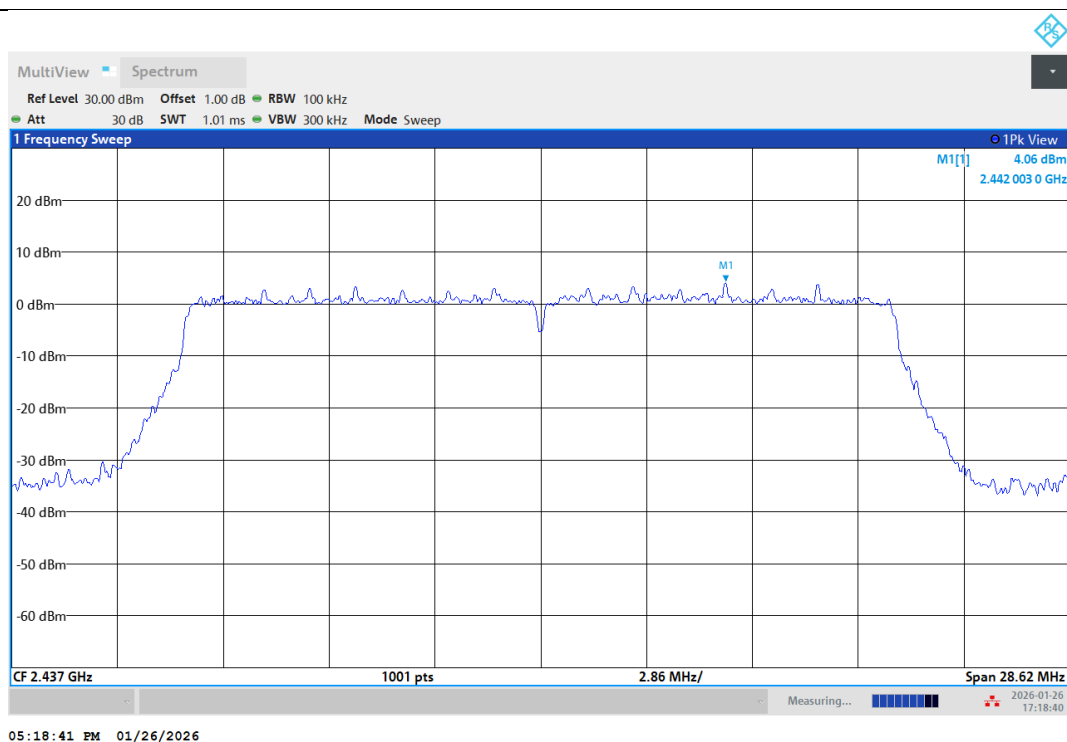
11N20-2437-PASS



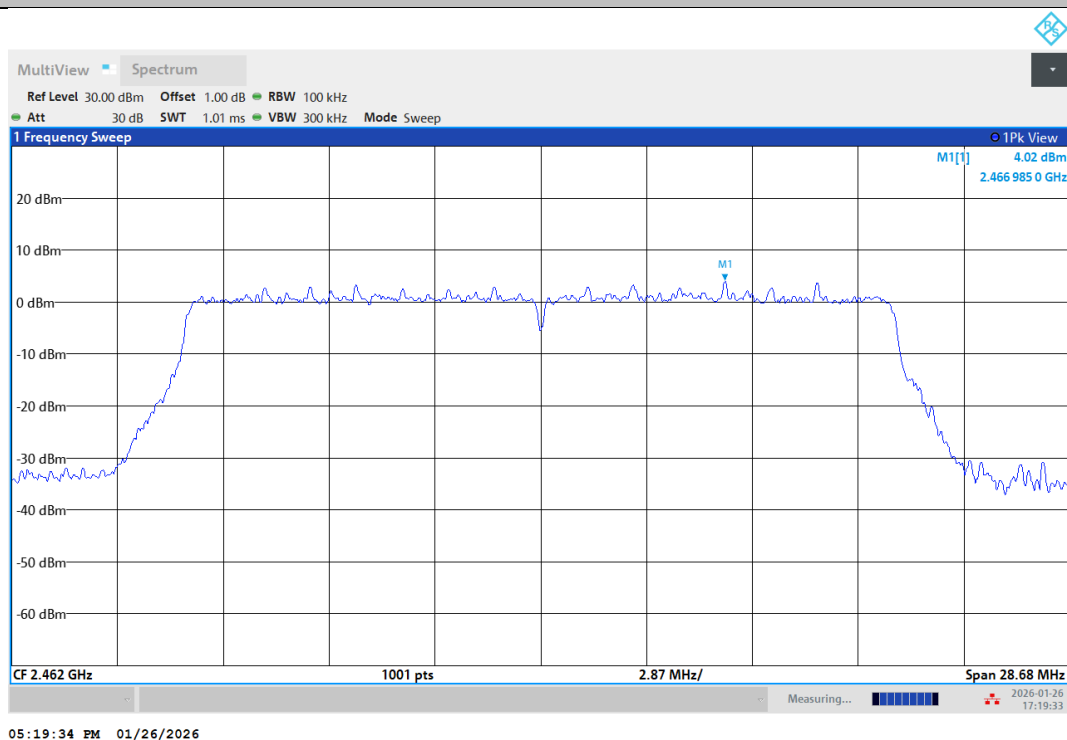
11N20-2462-PASS



11AX20-2412-PASS

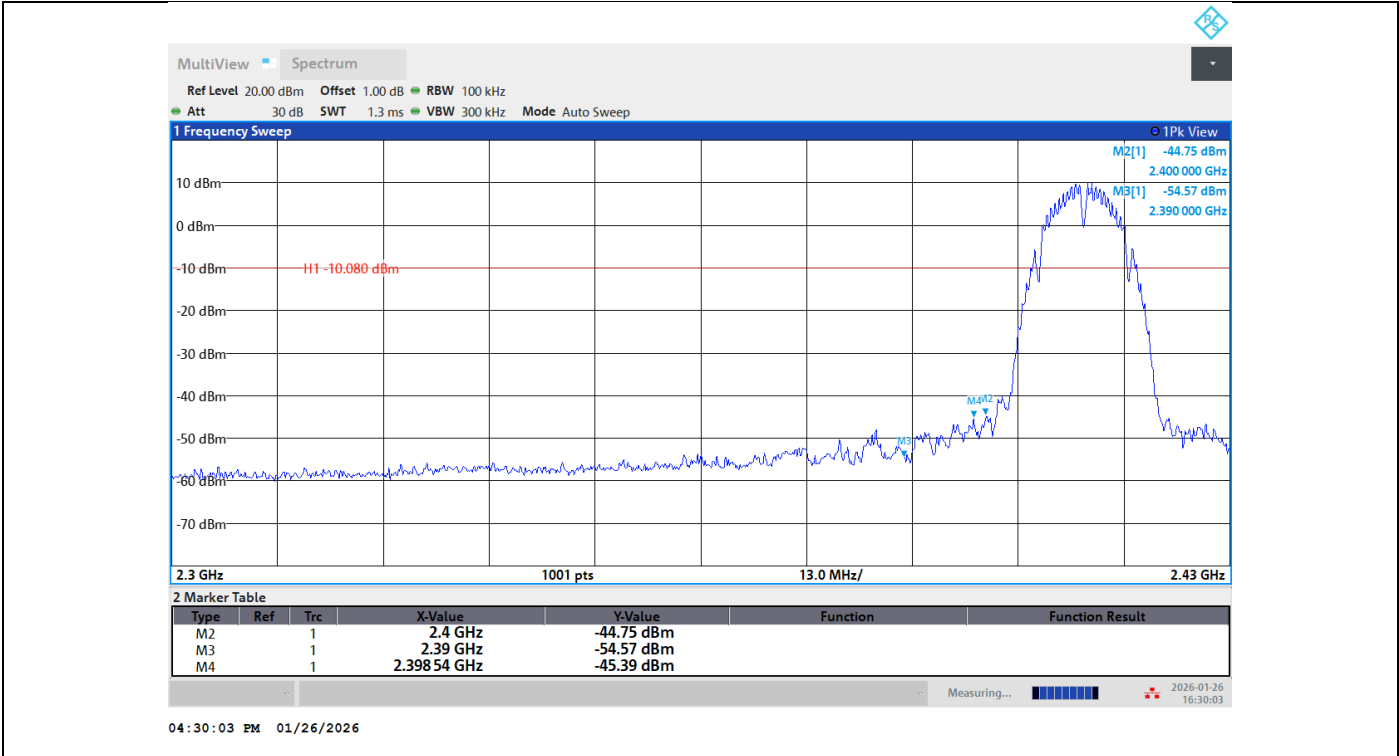


11AX20-2437-PASS

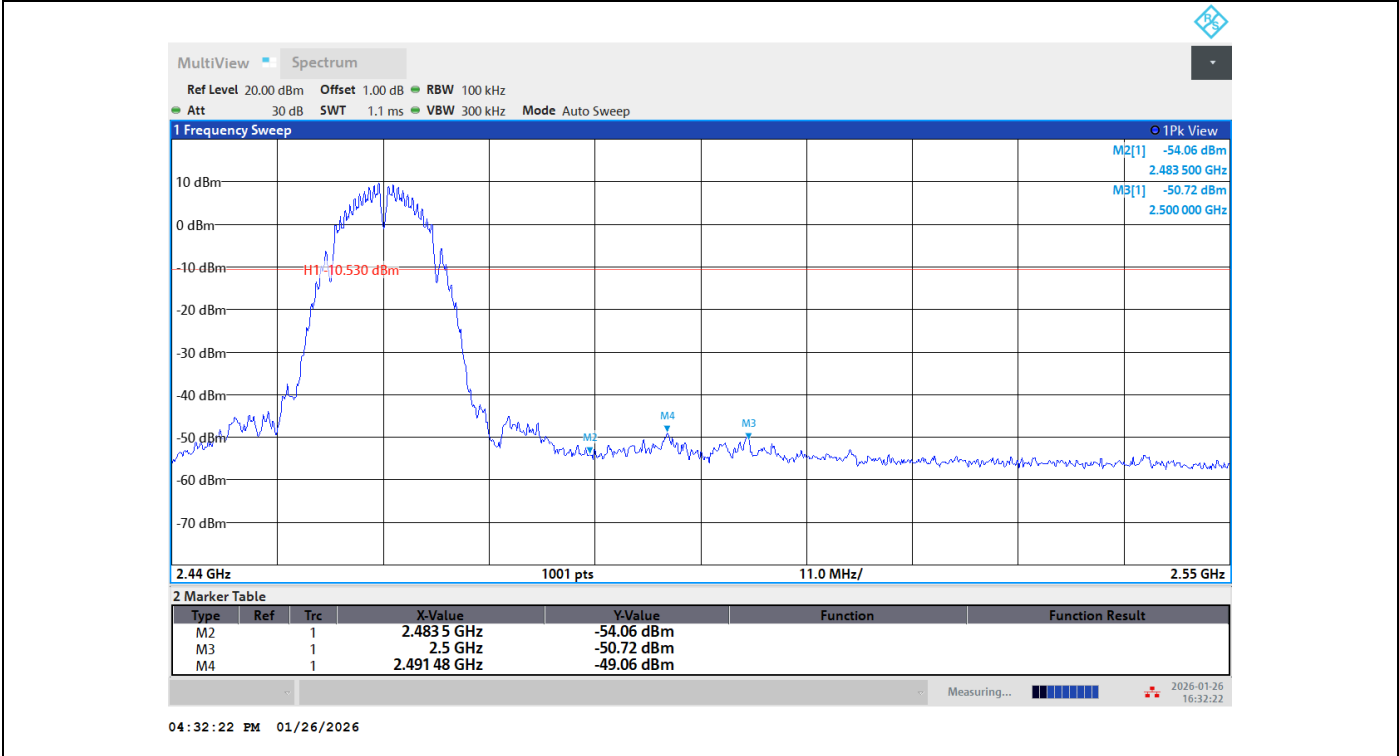


11AX20-2462-PASS

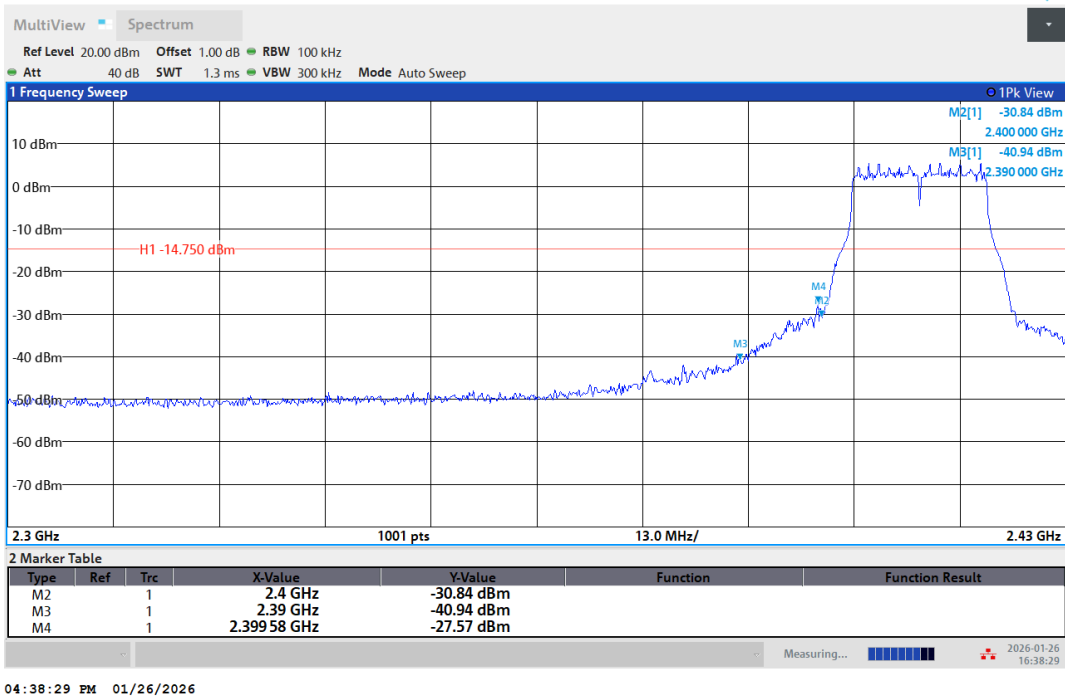
Band edge measurements
Test Graphs



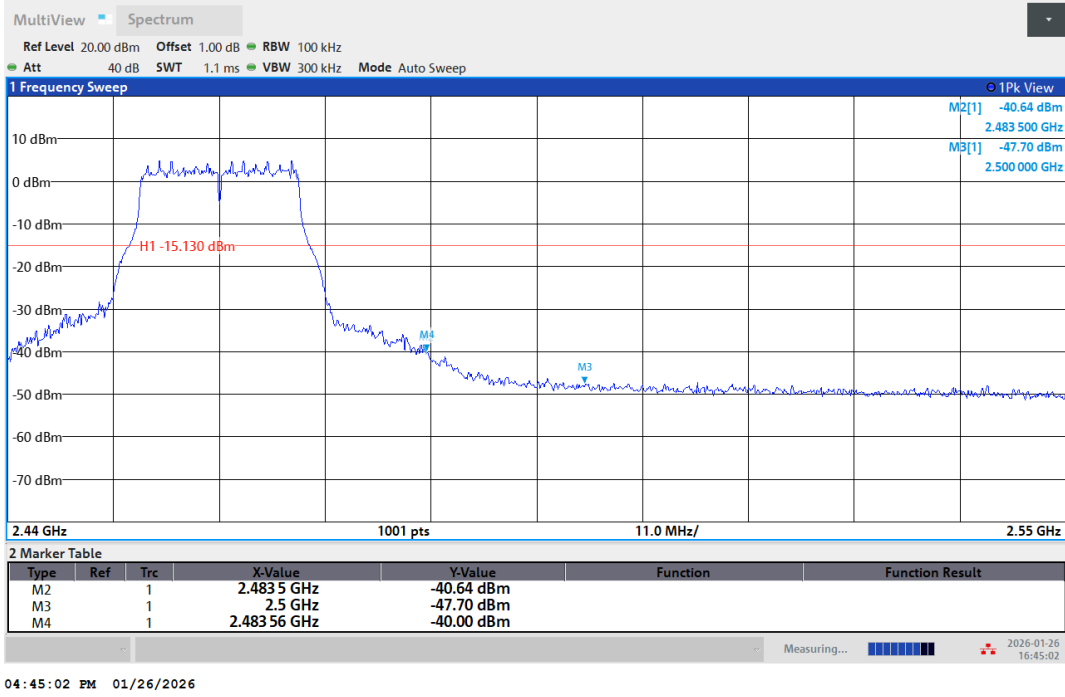
11B-2412-PASS



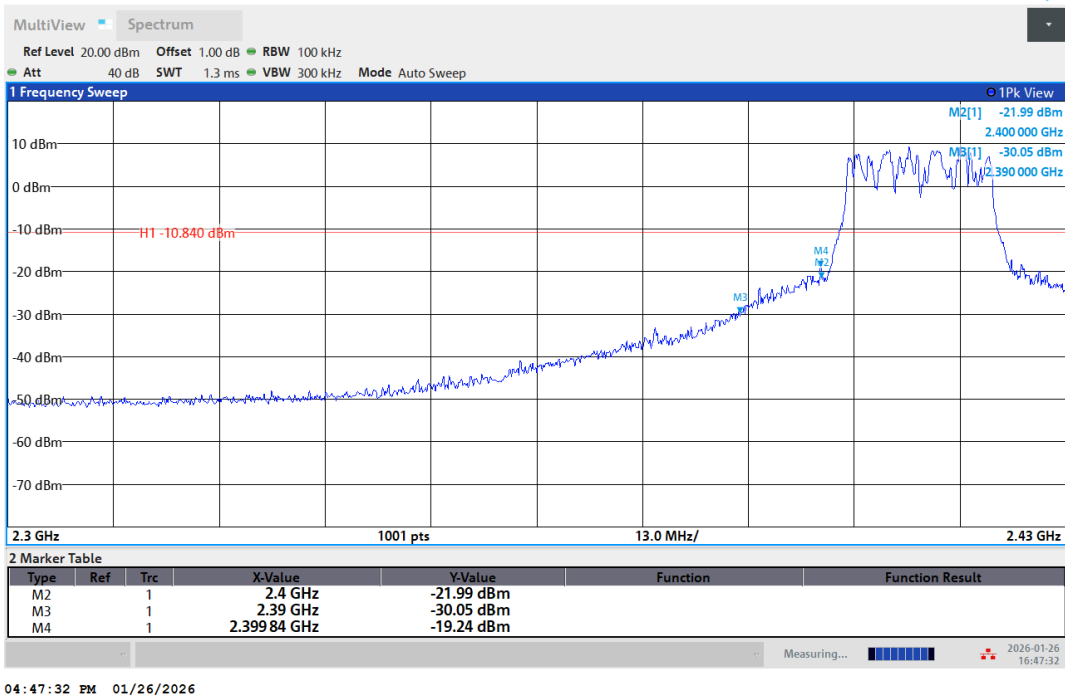
11B-2462-PASS



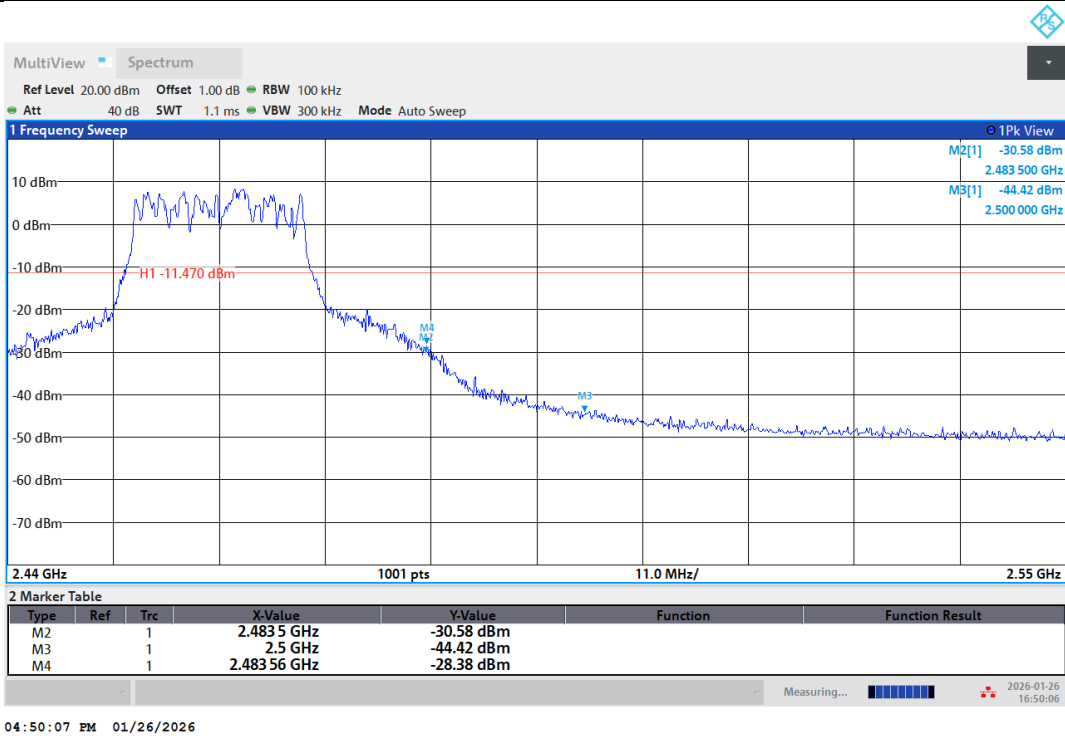
11G-2412-PASS



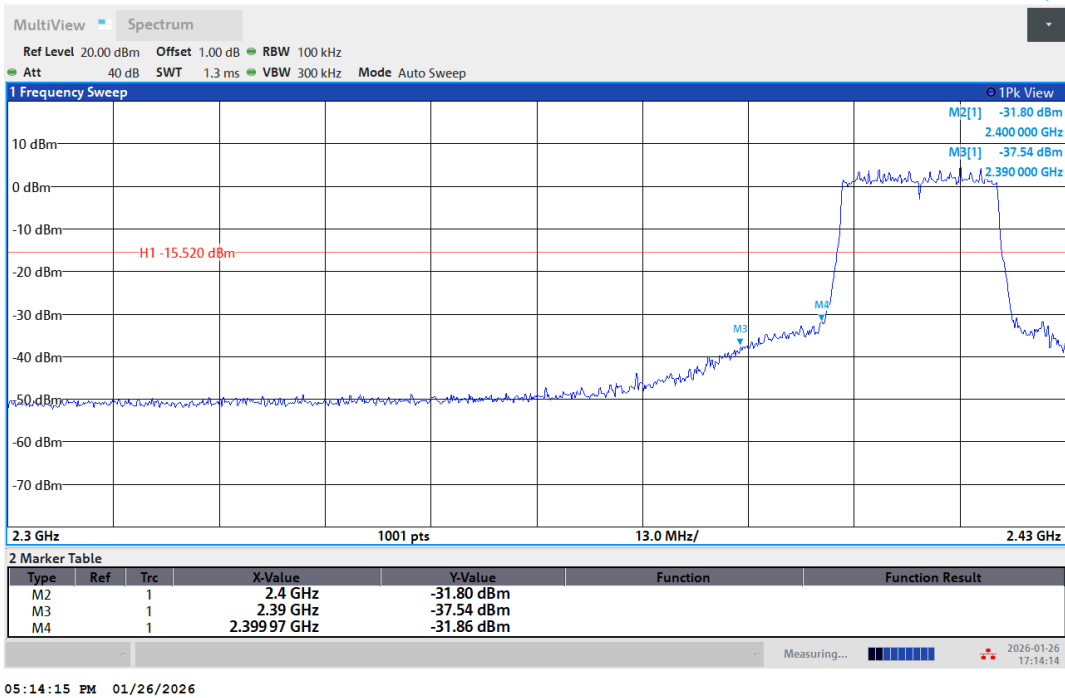
11G-2462-PASS



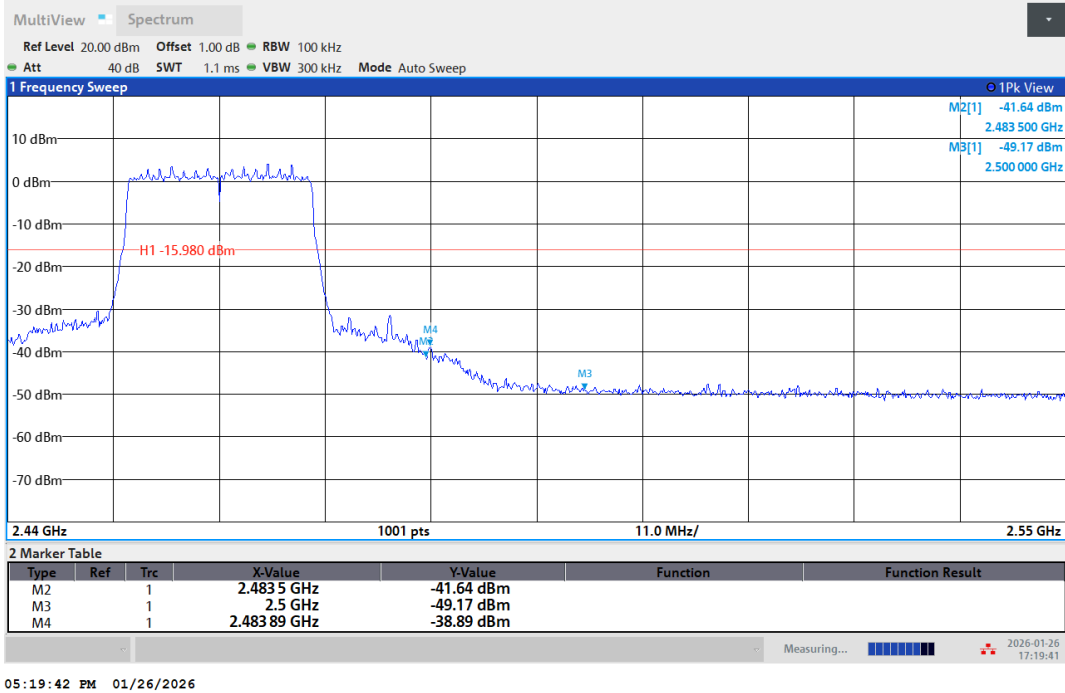
11N20-2412-PASS



11N20-2462-PASS

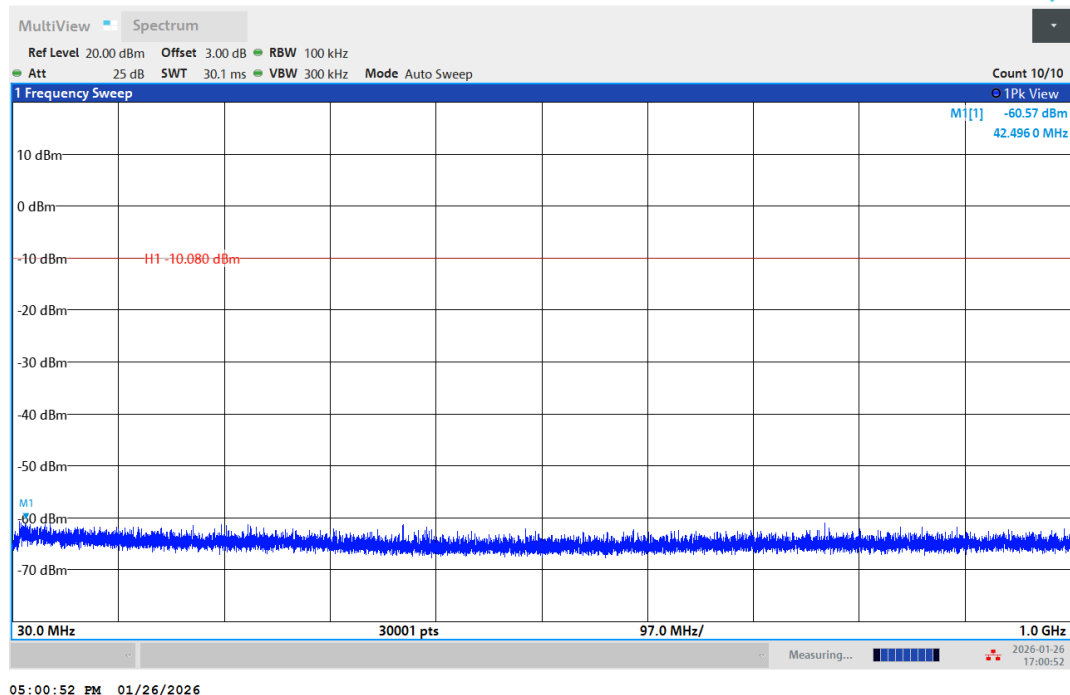


11AX20-2412-PASS

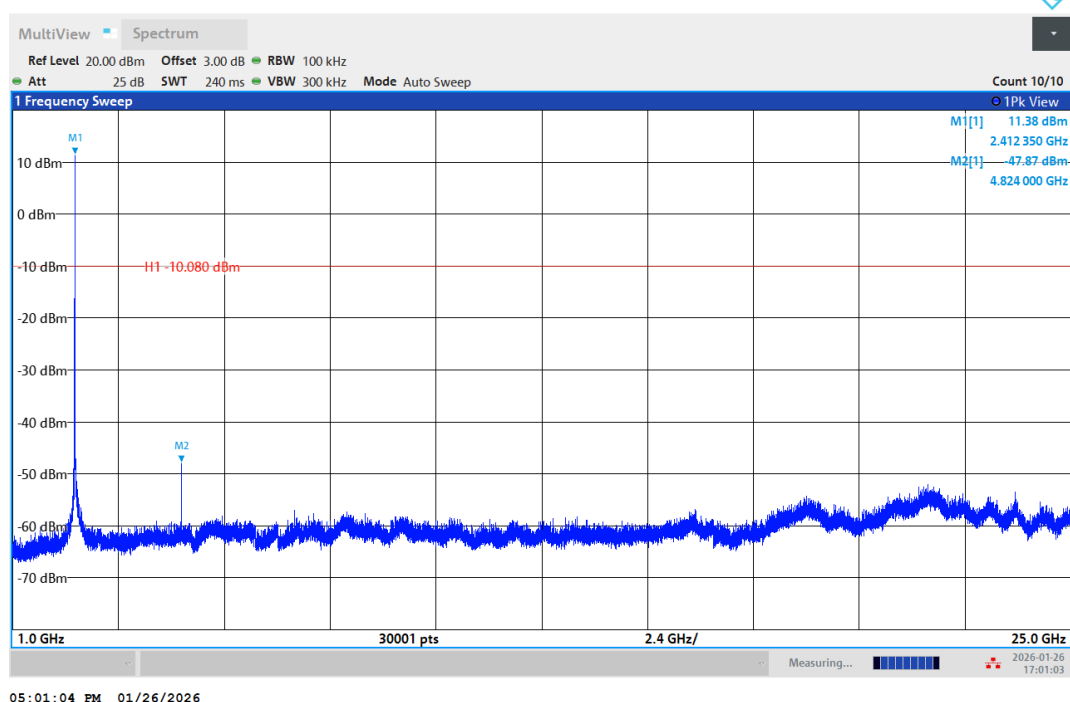


11AX20-2462-PASS

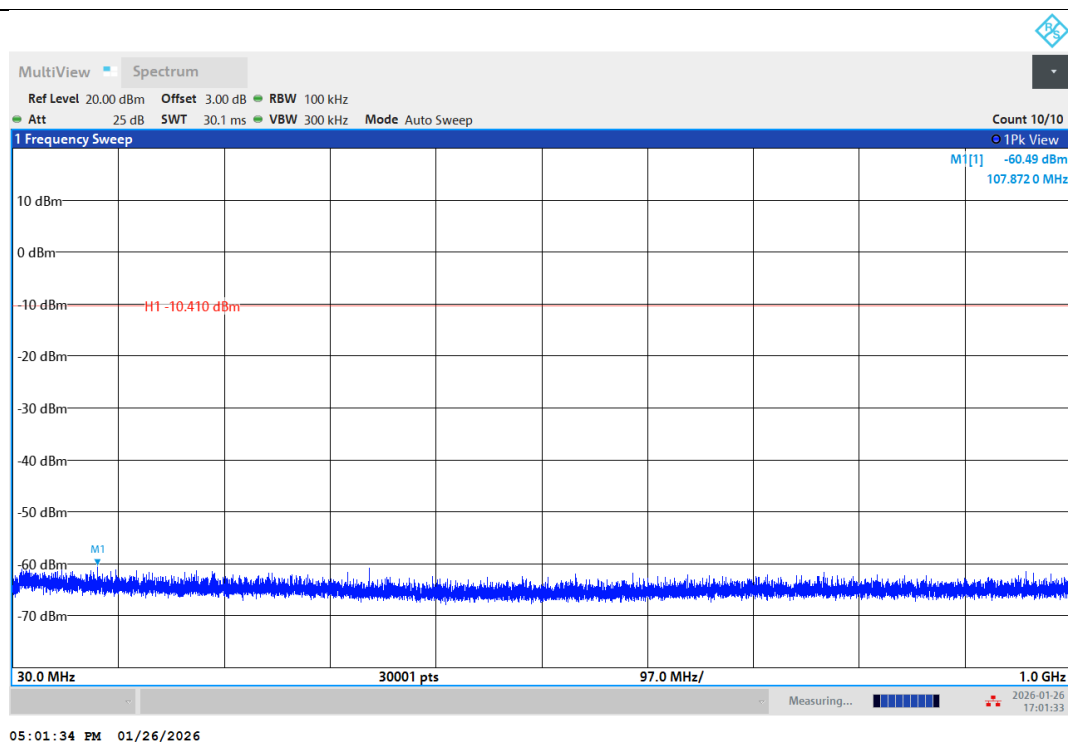
Conducted Spurious Emission Test Graphs



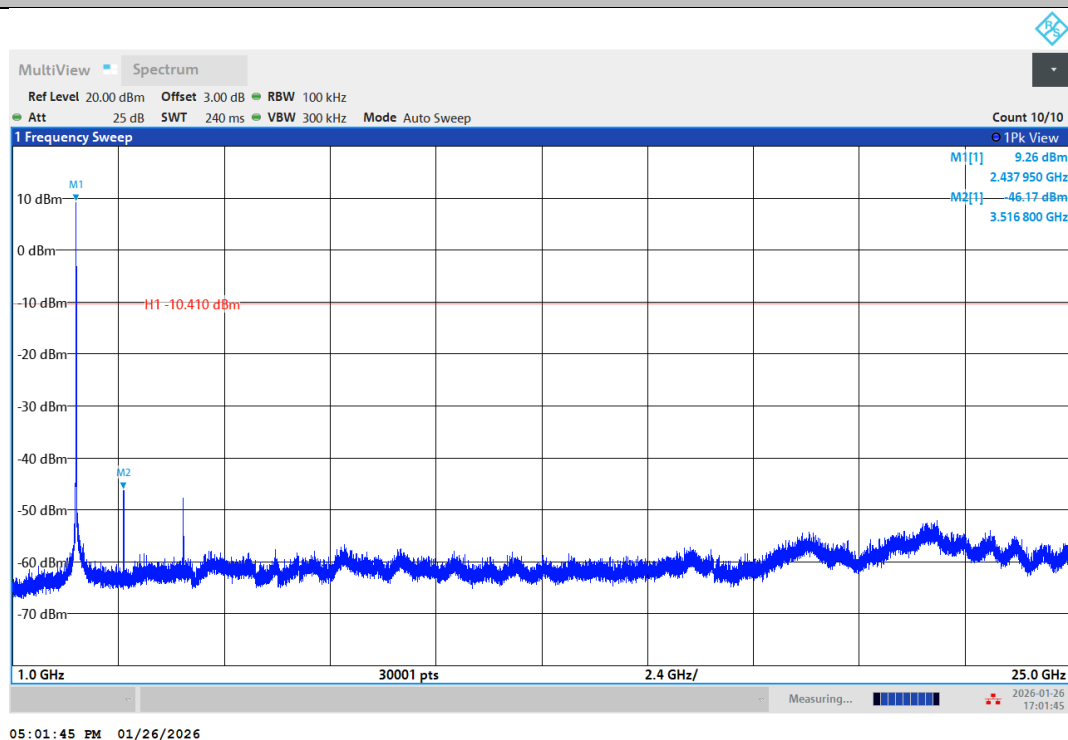
11B-2412-30~1000-PASS



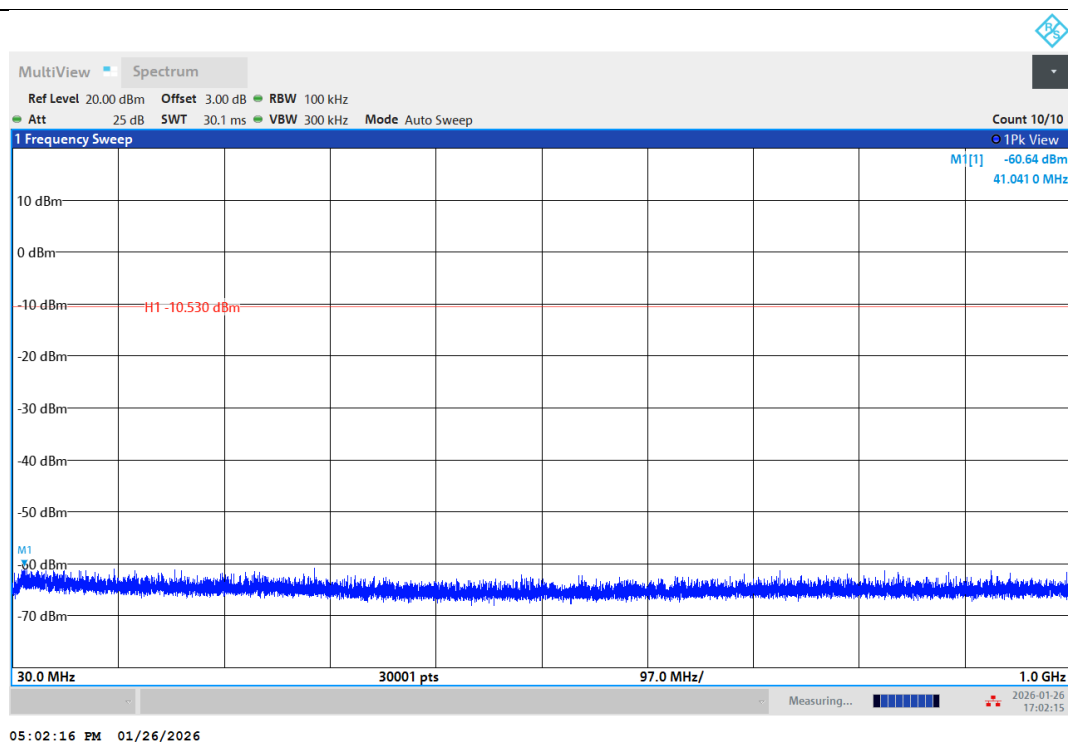
11B-2412-1000~25000-PASS



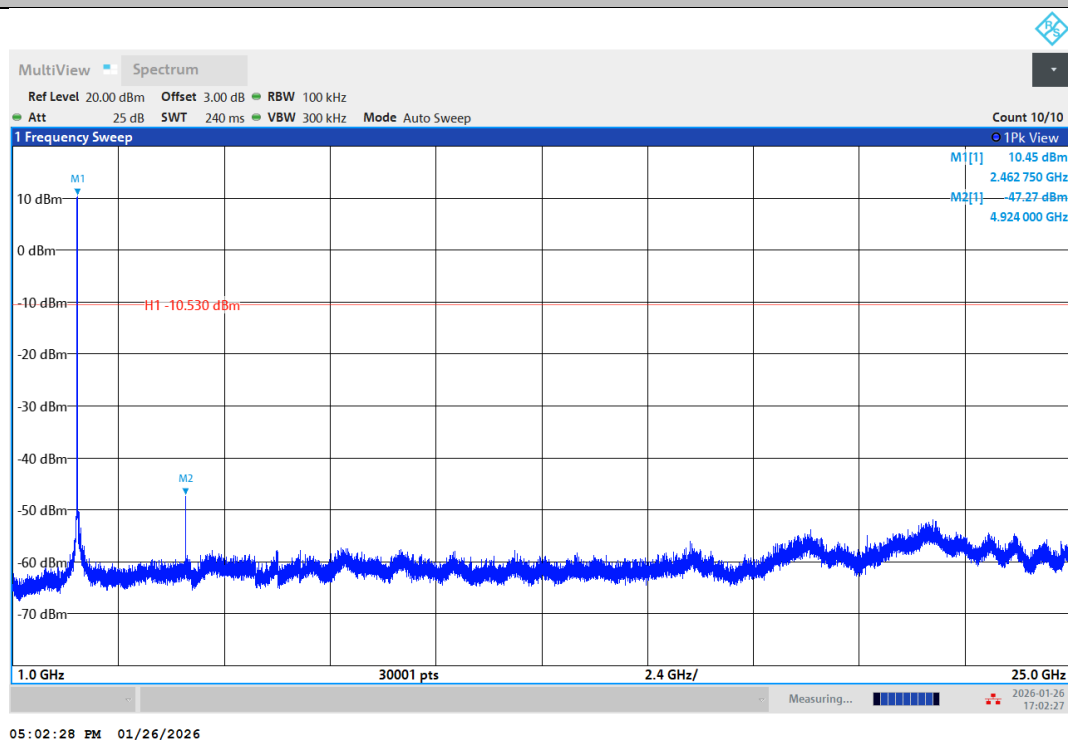
11B-2437-30~1000-PASS



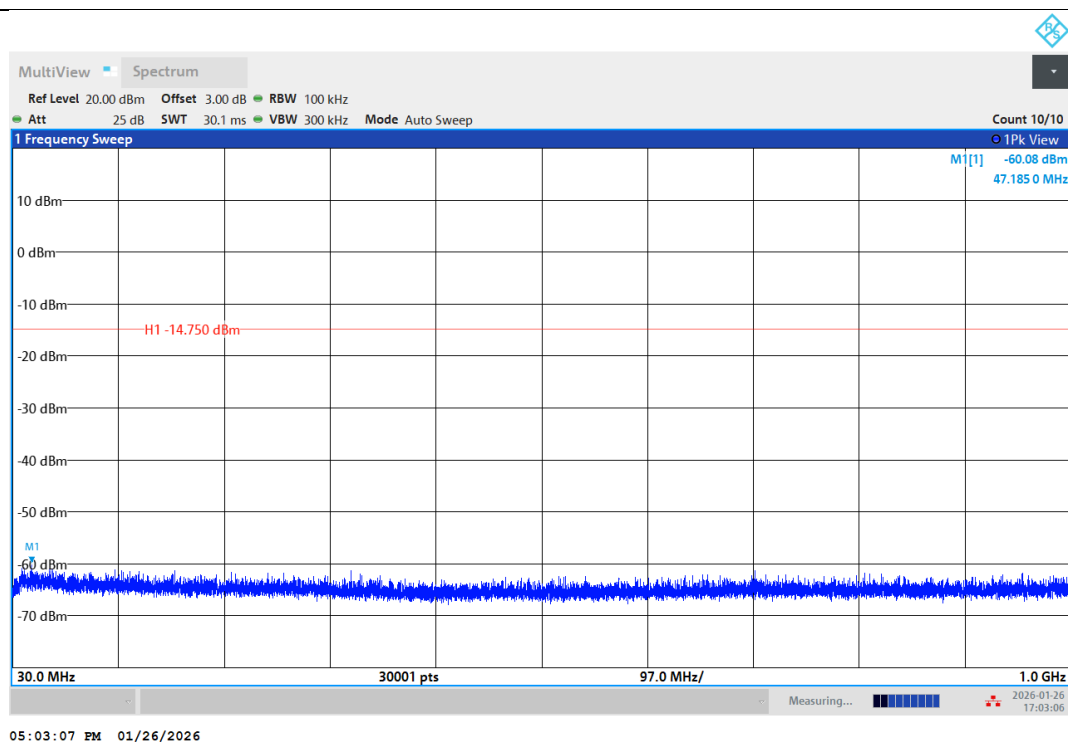
11B-2437-1000~25000-PASS



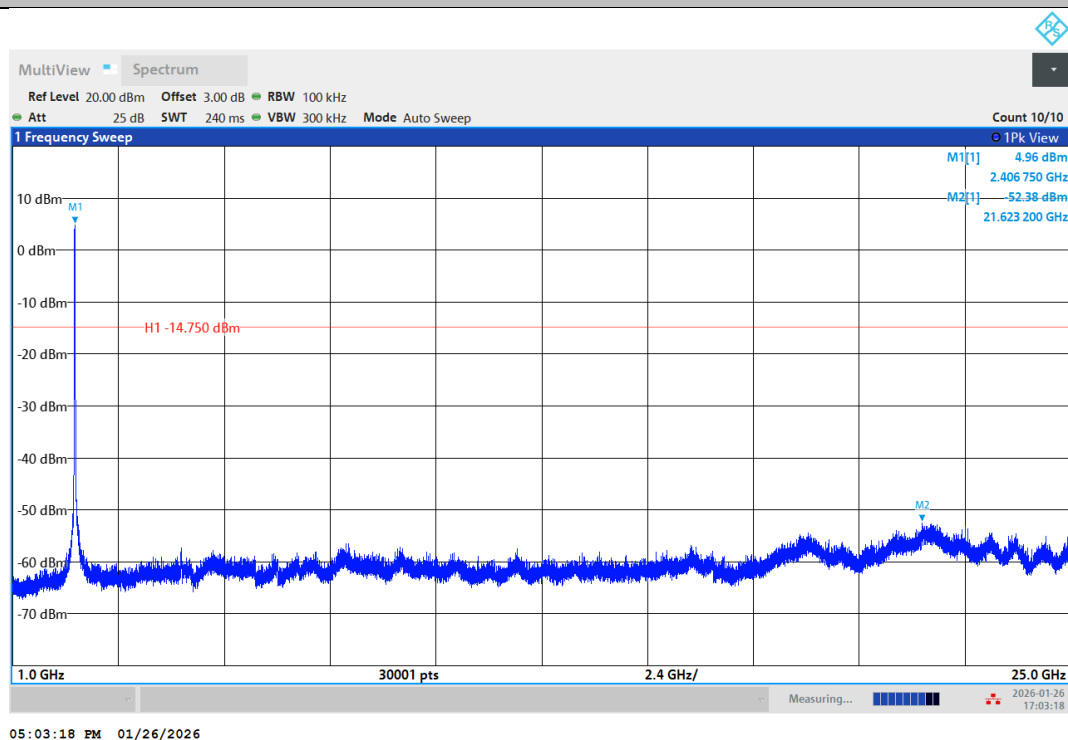
11B-2462-30~1000-PASS



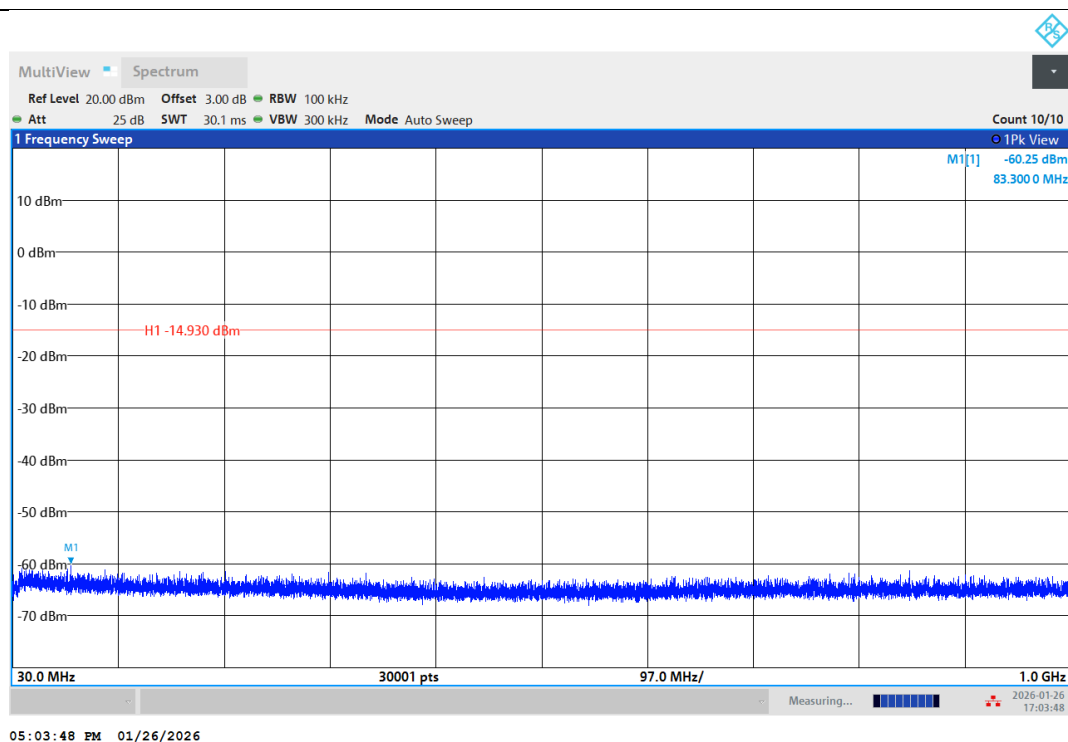
11B-2462-1000~25000-PASS



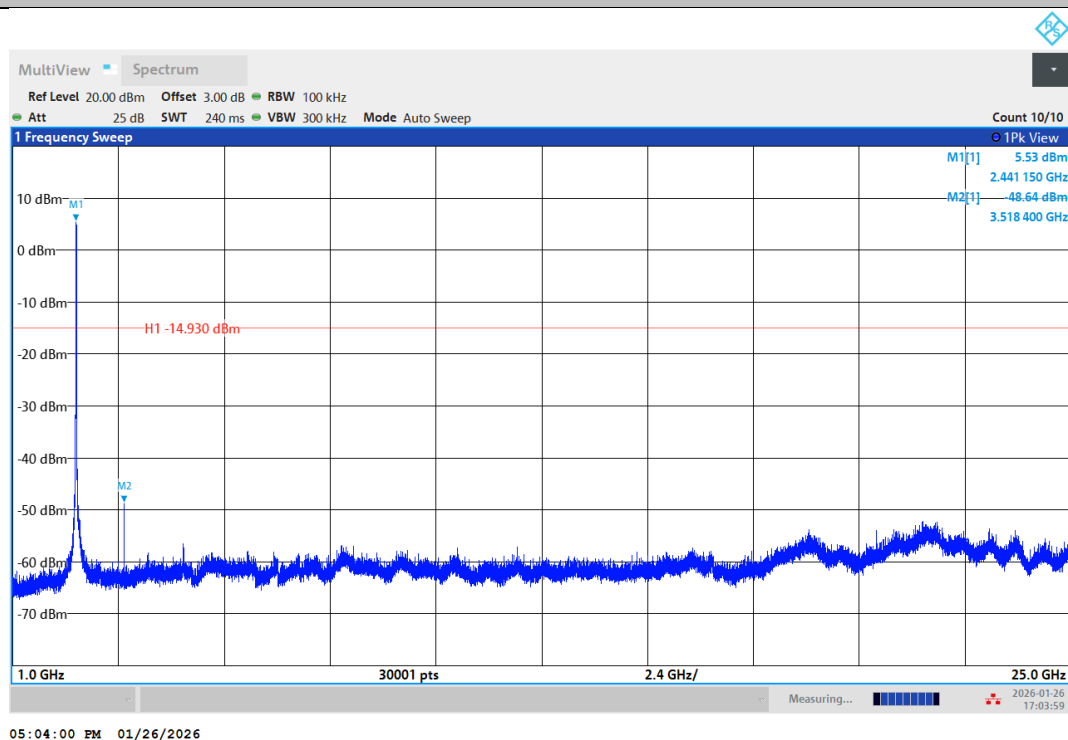
11G-2412-30~1000-PASS



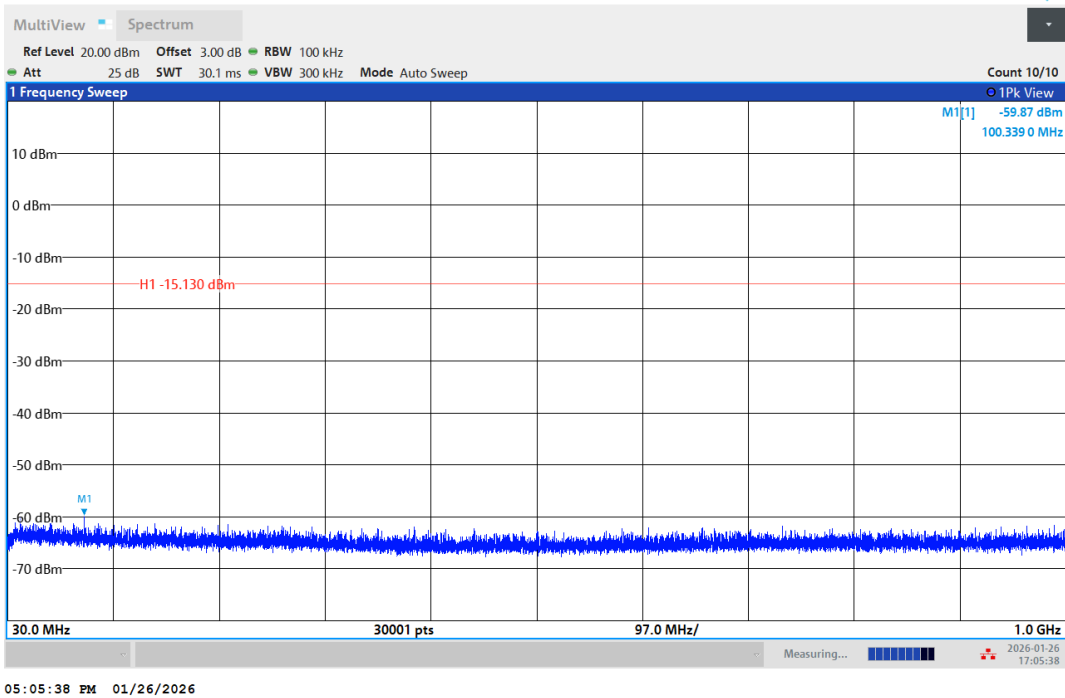
11G-2412-1000~25000-PASS



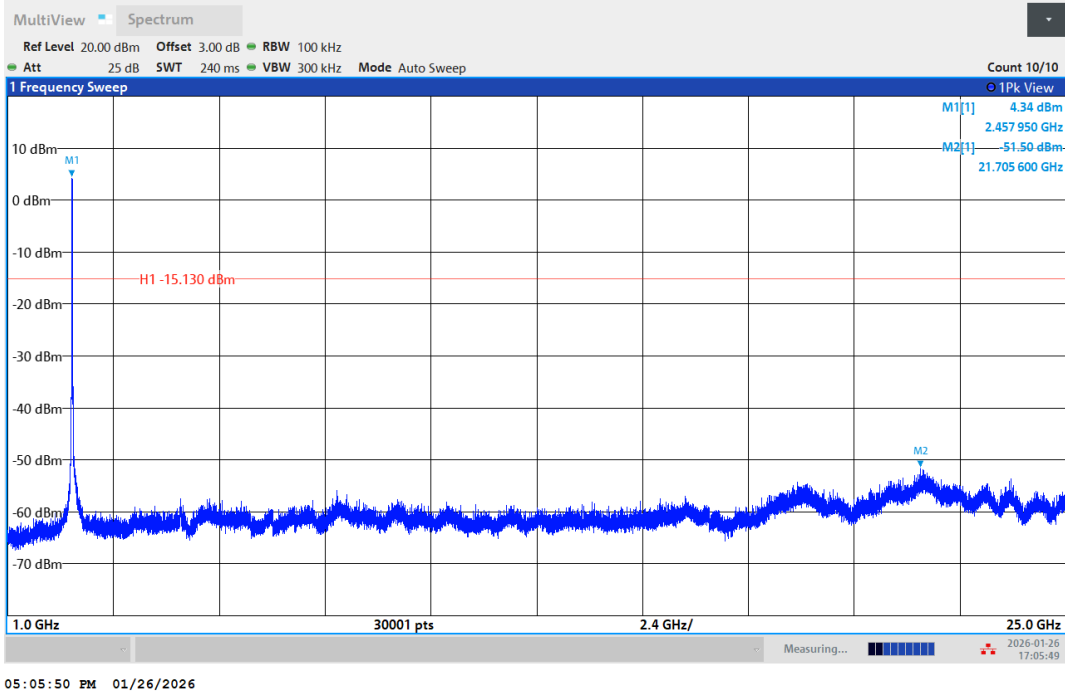
11G-2437-30~1000-PASS



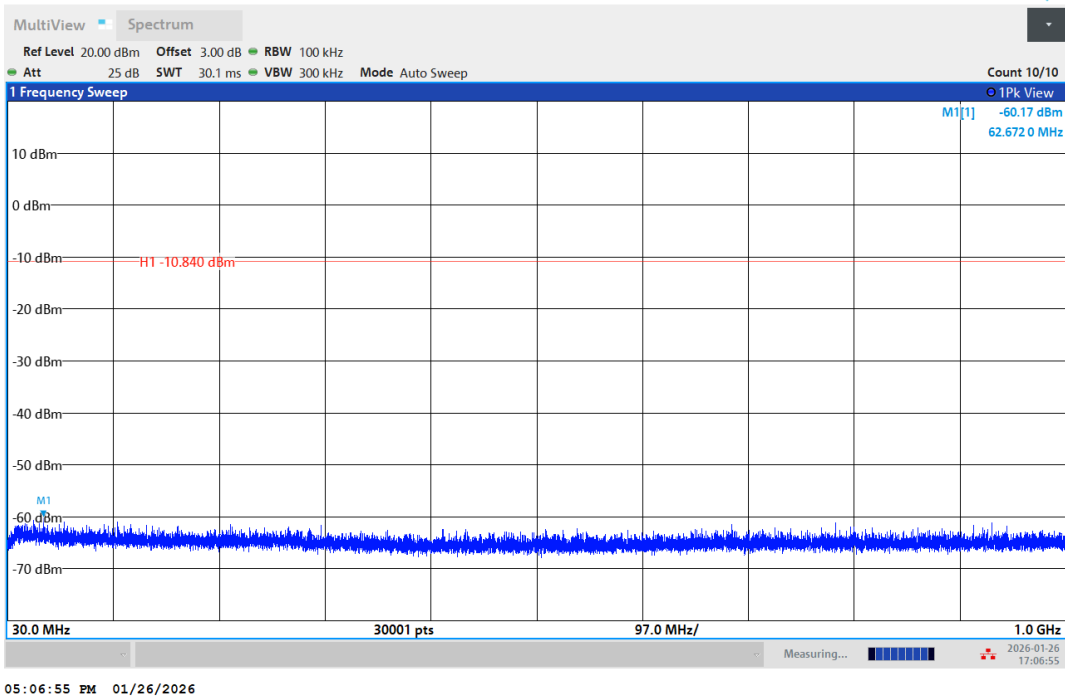
11G-2437-1000~25000-PASS



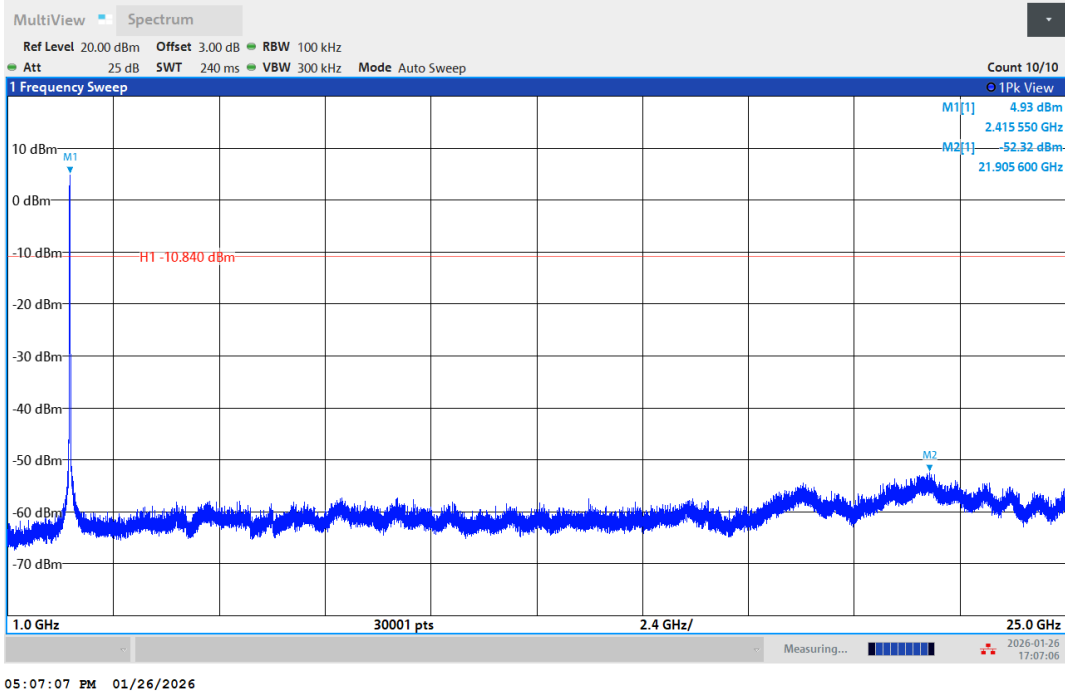
11G-2462-30~1000-PASS



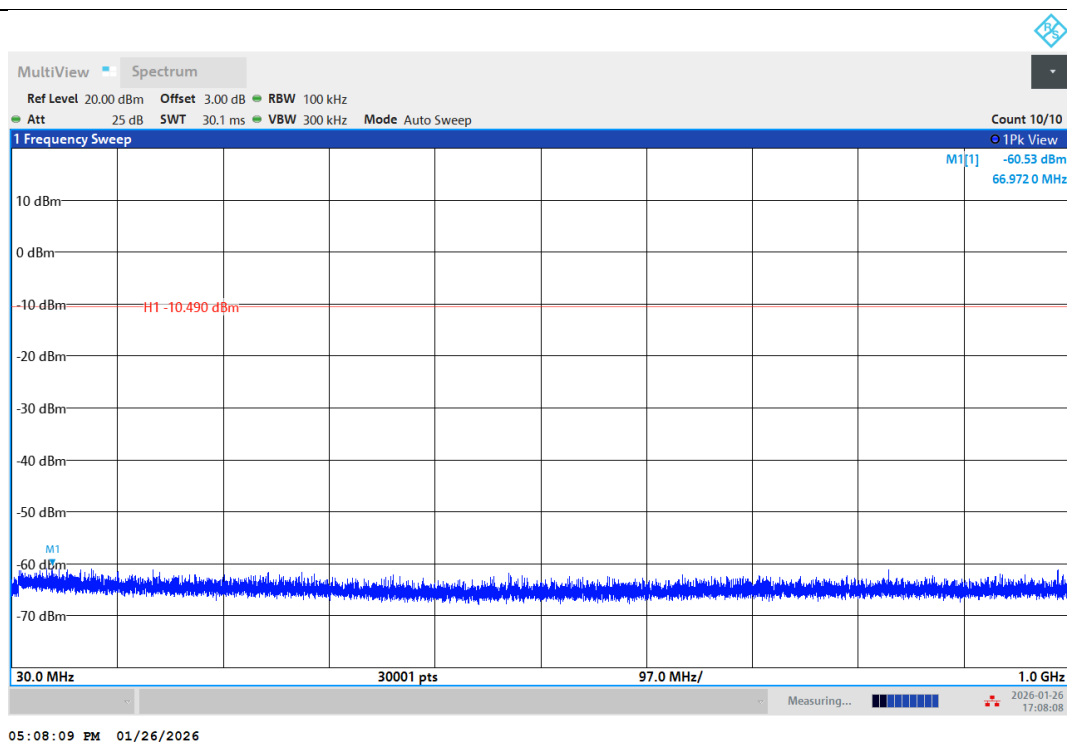
11G-2462-1000~25000-PASS



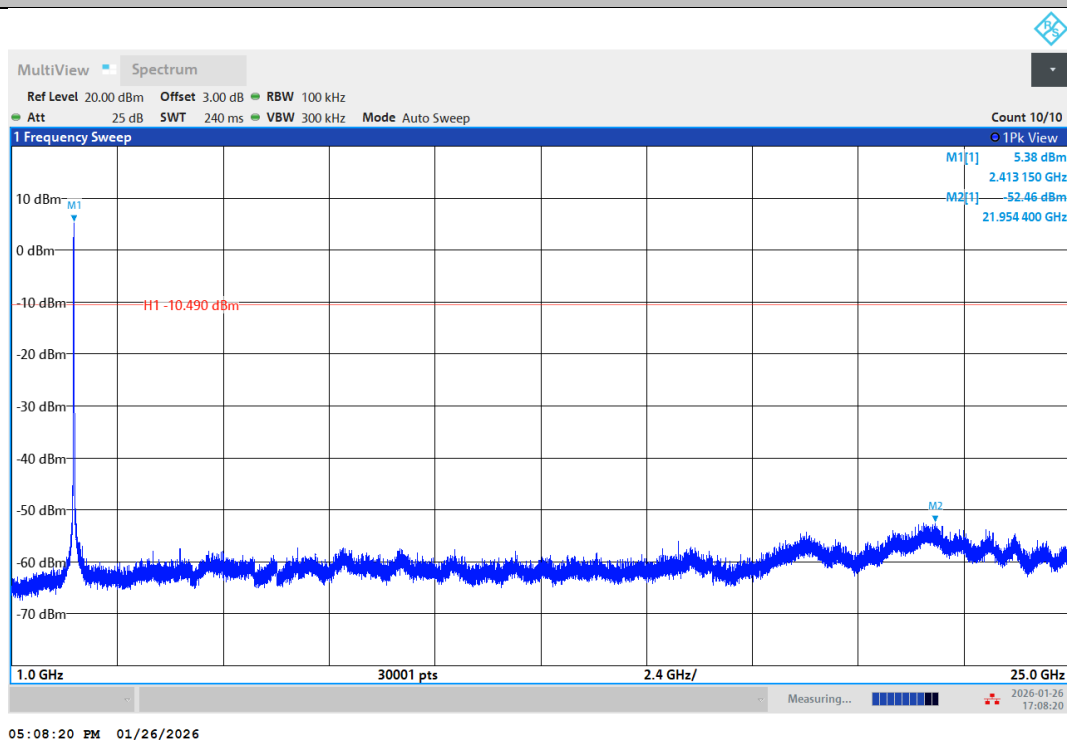
11N20-2412-30~1000-PASS



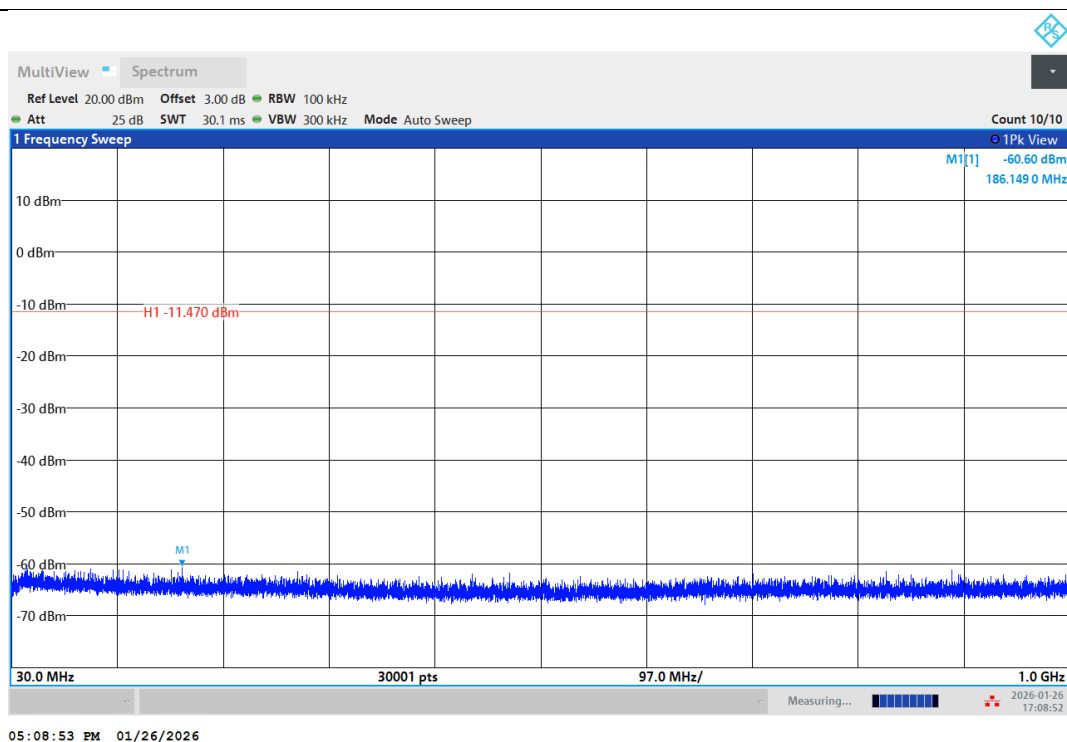
11N20-2412-1000~25000-PASS



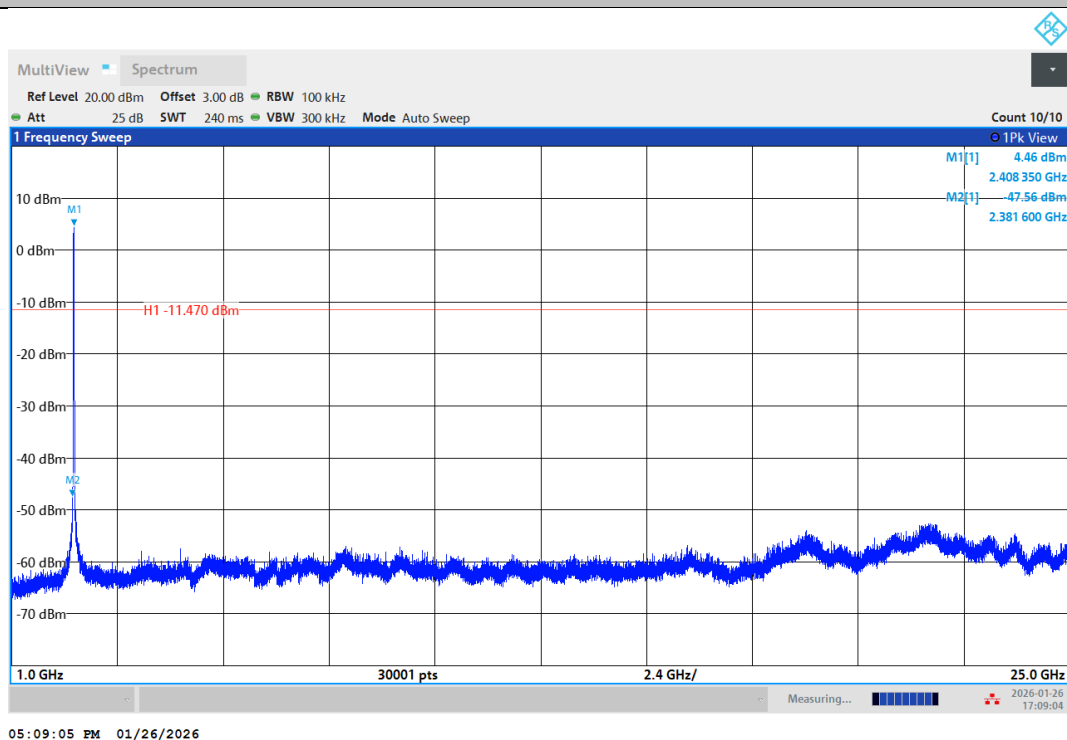
11N20-2437-30~1000-PASS



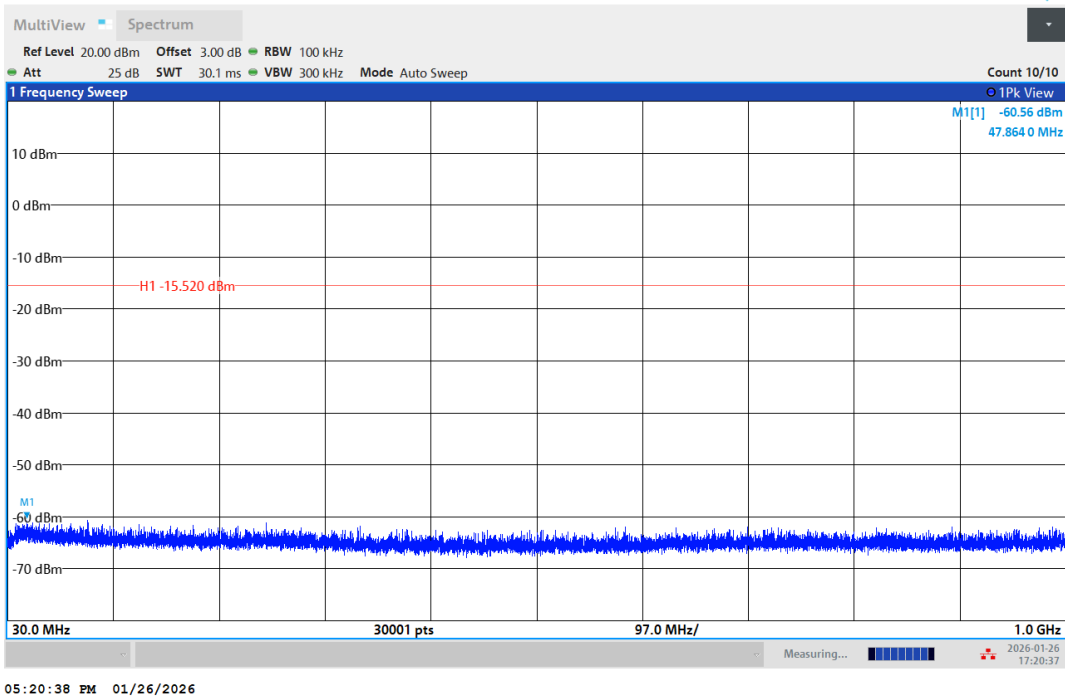
11N20-2437-1000~25000-PASS



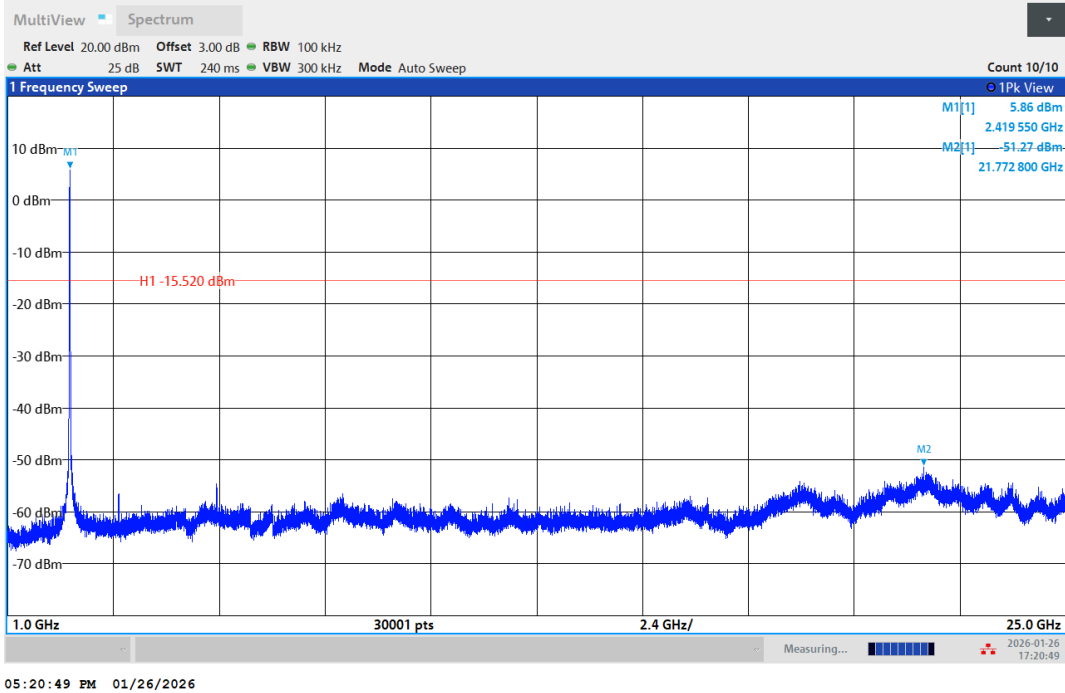
11N20-2462-30~1000-PASS



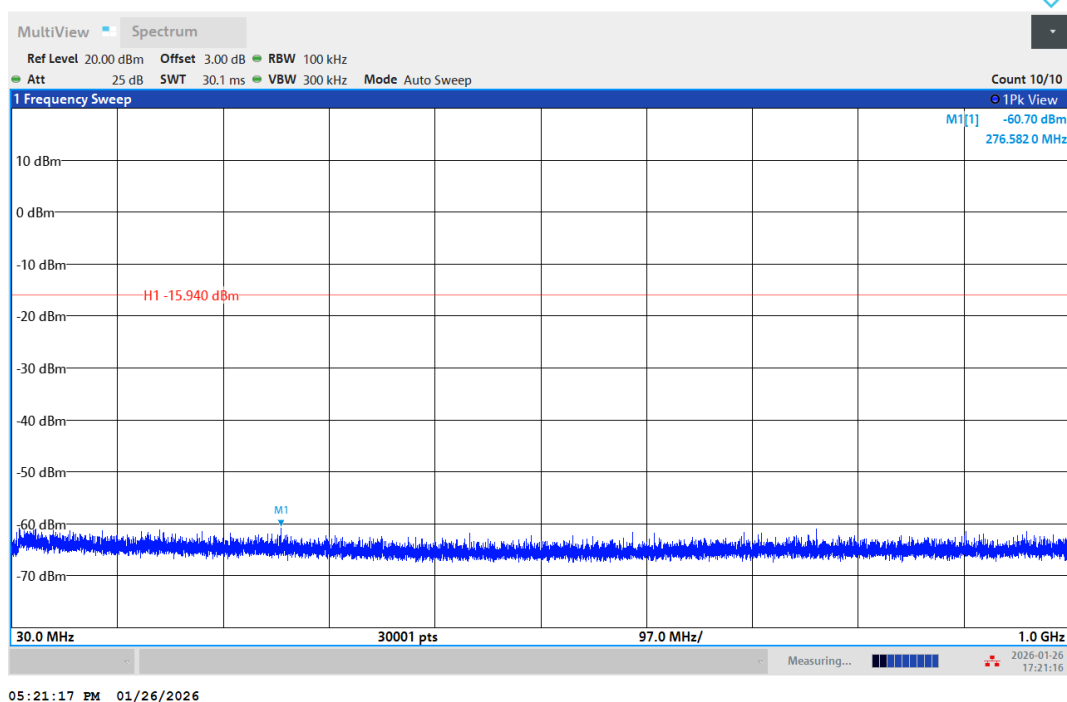
11N20-2462-1000~25000-PASS



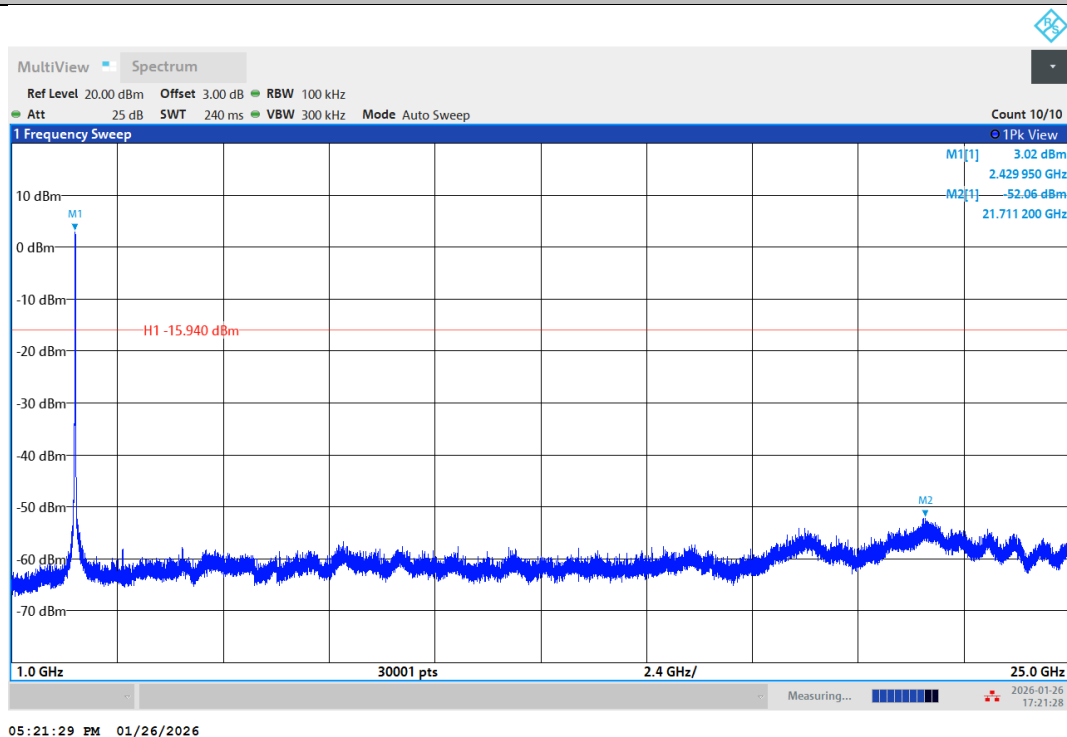
11AX20-2412-30~1000-PASS



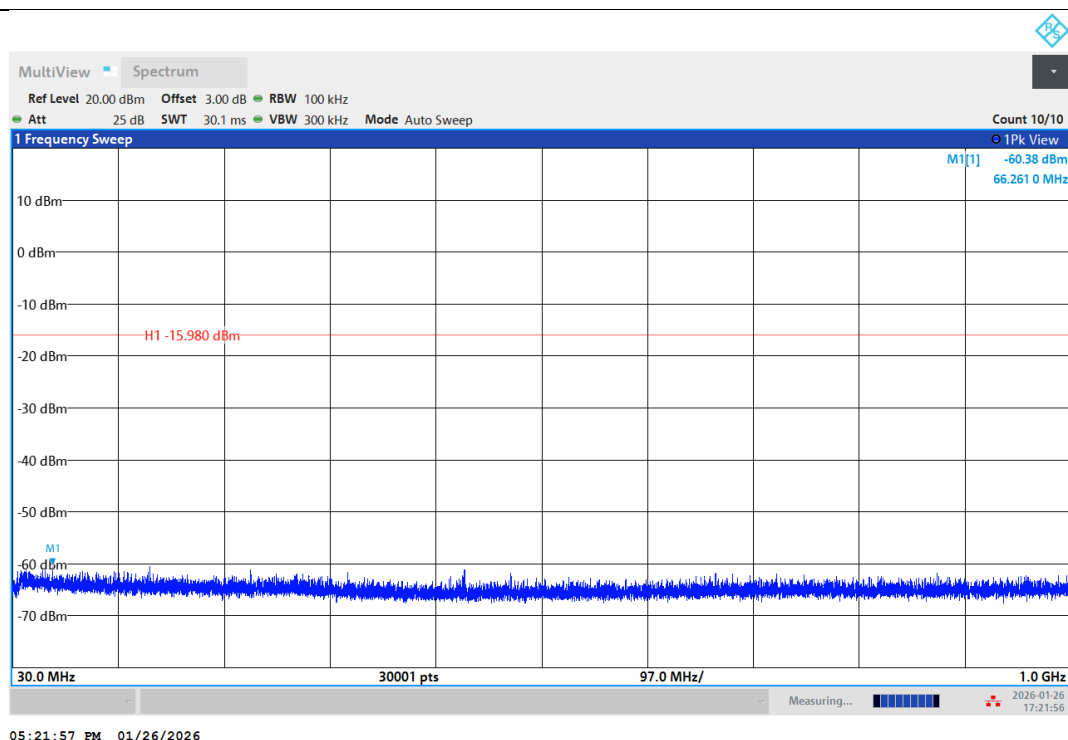
11AX20-2412-1000~25000-PASS



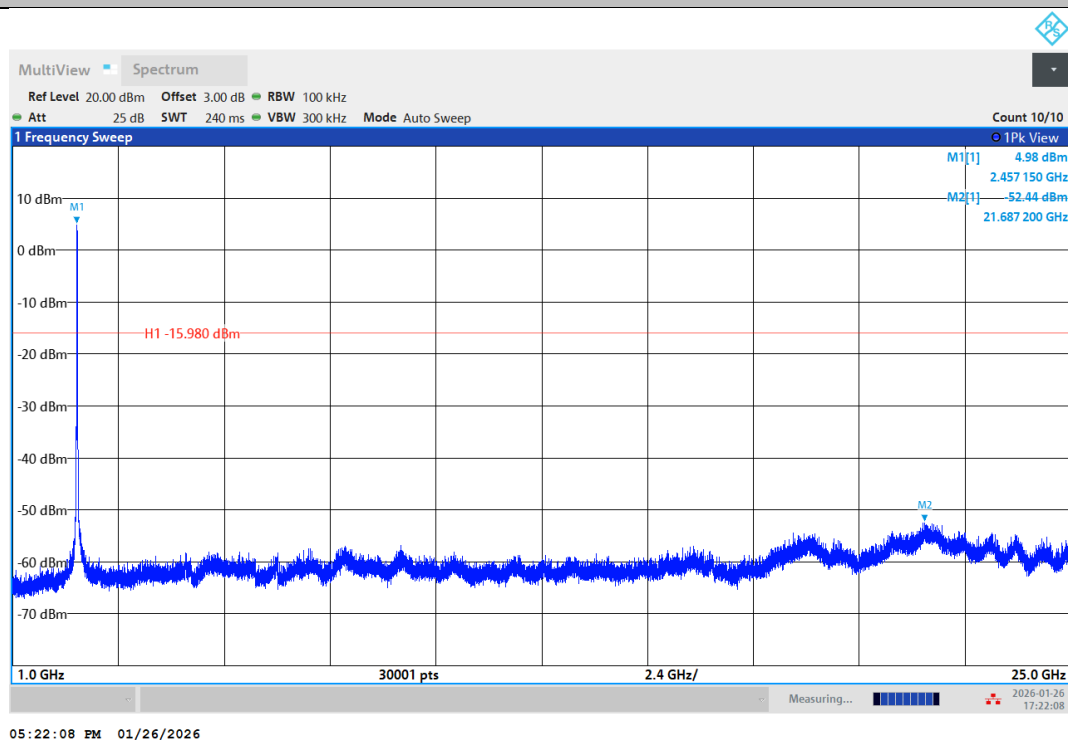
11AX20-2437-30~1000-PASS



11AX20-2437-1000~25000-PASS



11AX20-2462-30~1000-PASS



11AX20-2462-1000~25000-PASS

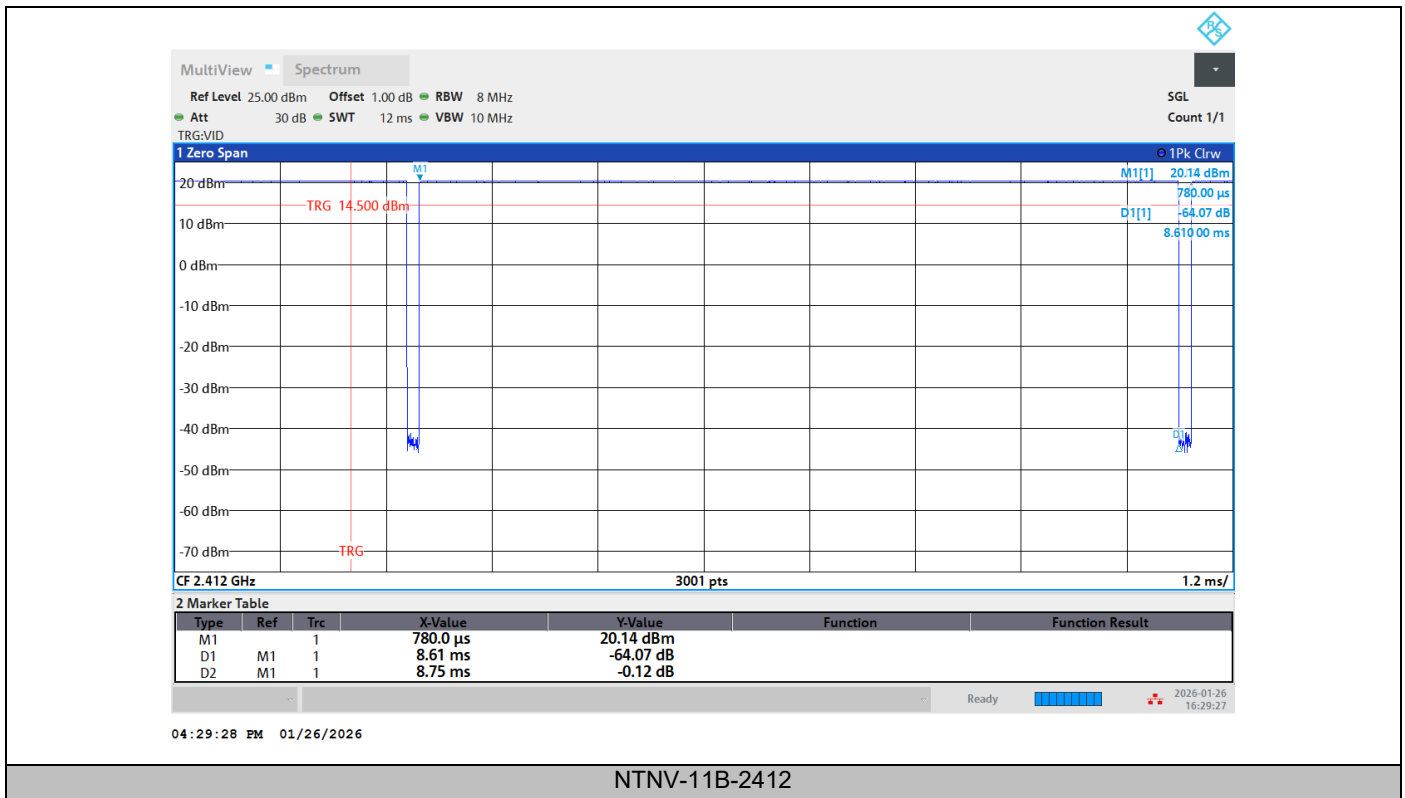
Notes:

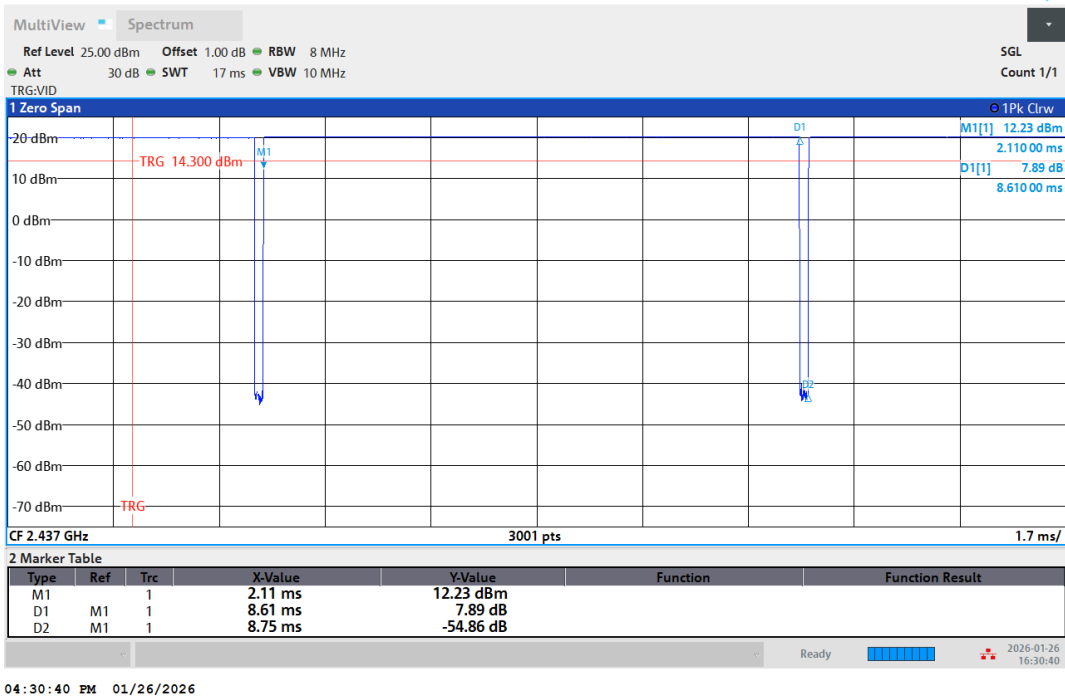
1. Offset = Cable loss
2. We have evaluated each antenna and both SISO and MIMO mode, only worst data shown in report.

Duty cycle

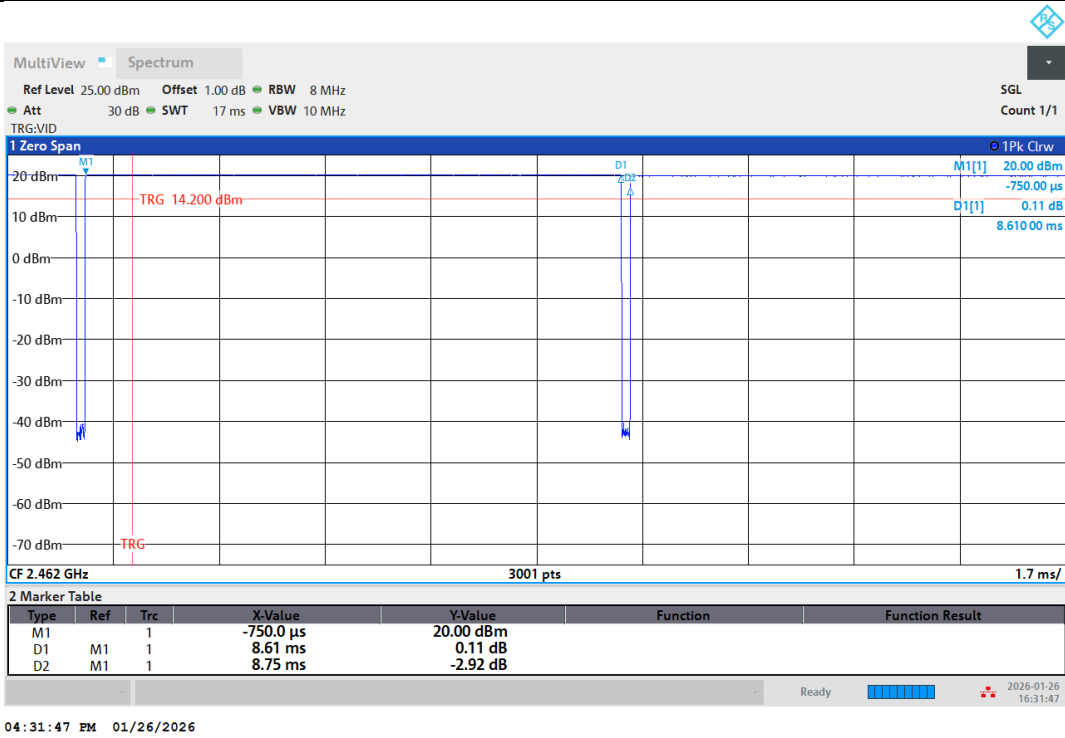
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	8.61	8.75	98.40	0.07
		2437	8.61	8.75	98.40	0.07
		2462	8.61	8.75	98.40	0.07
11G	Ant1	2412	0.73	0.88	82.95	0.81
		2437	0.72	0.87	82.76	0.82
		2462	0.73	0.88	82.95	0.81
11N20	Ant1	2412	1.33	1.48	89.86	0.46
		2437	1.34	1.49	89.93	0.46
		2462	1.34	1.49	89.93	0.46
11AX20	Ant1	2412	1.05	1.20	87.50	0.58
		2437	1.04	1.19	87.39	0.59
		2462	1.05	1.20	87.50	0.58

Test Graphs

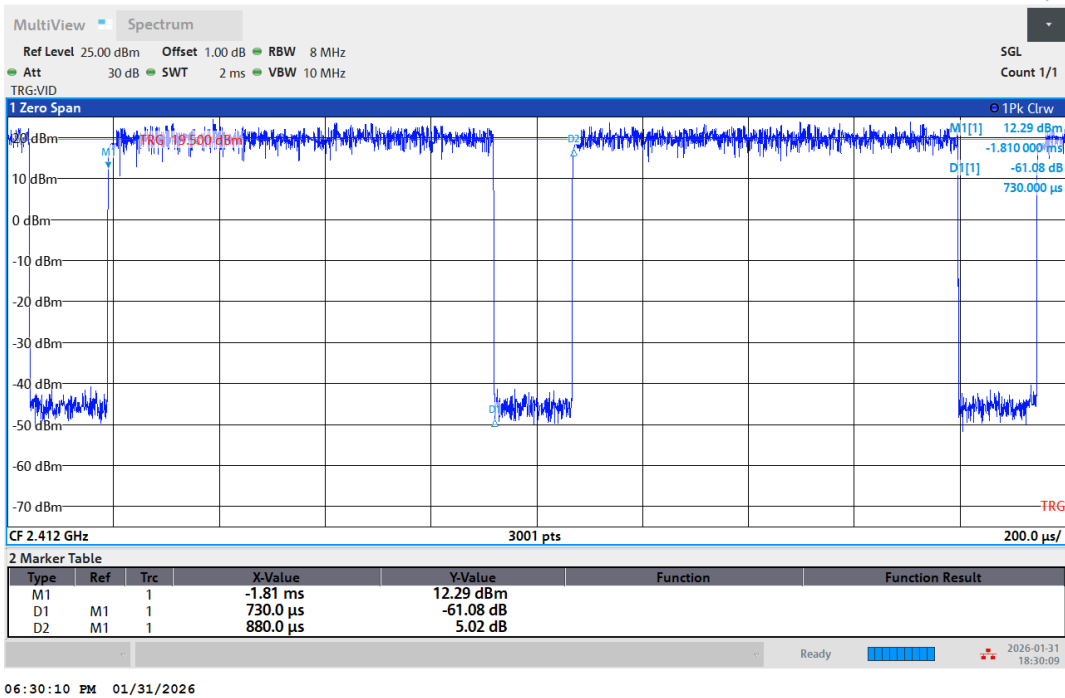




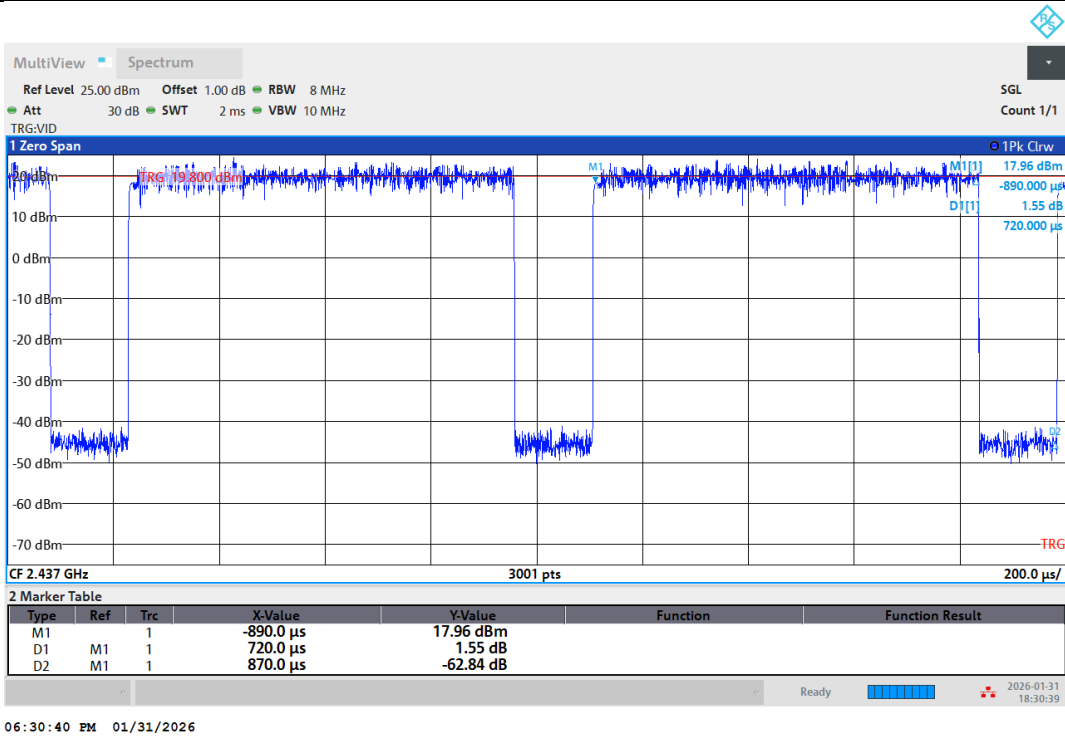
NTNV-11B-2437



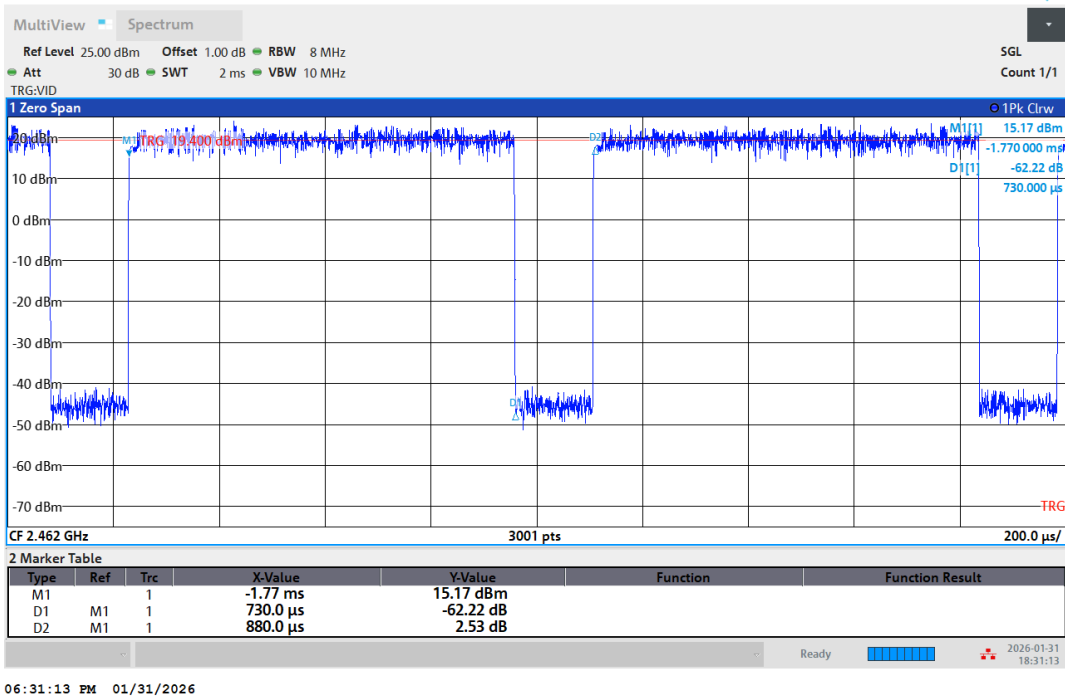
NTNV-11B-2462



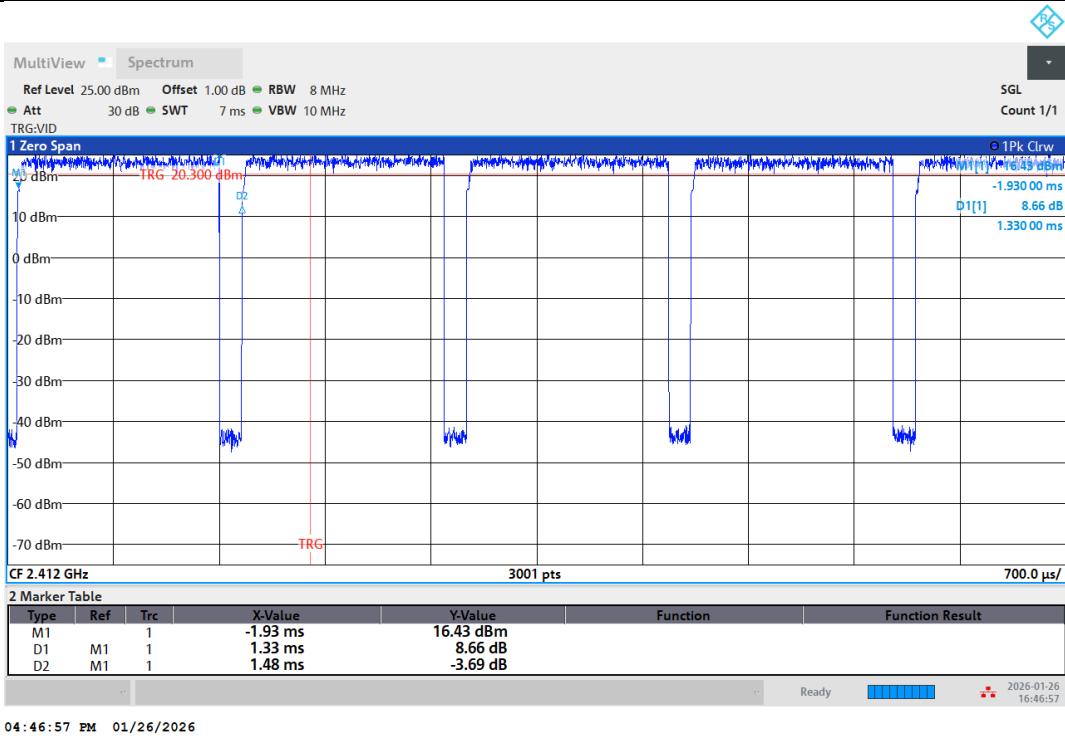
NTNV-11G-2412



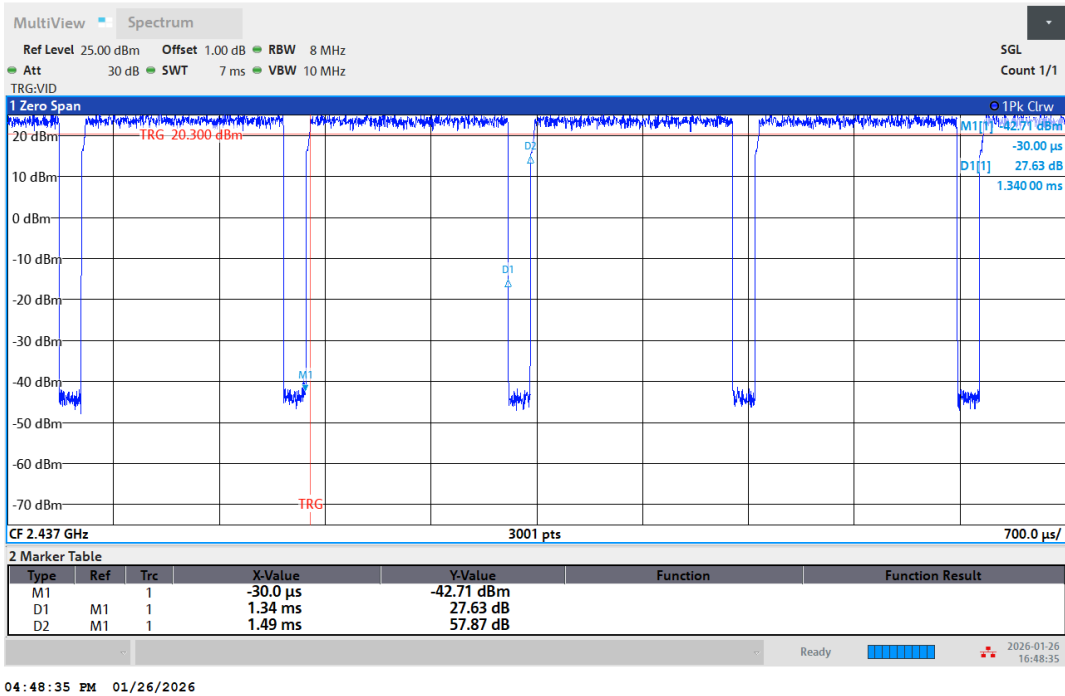
NTNV-11G-2437



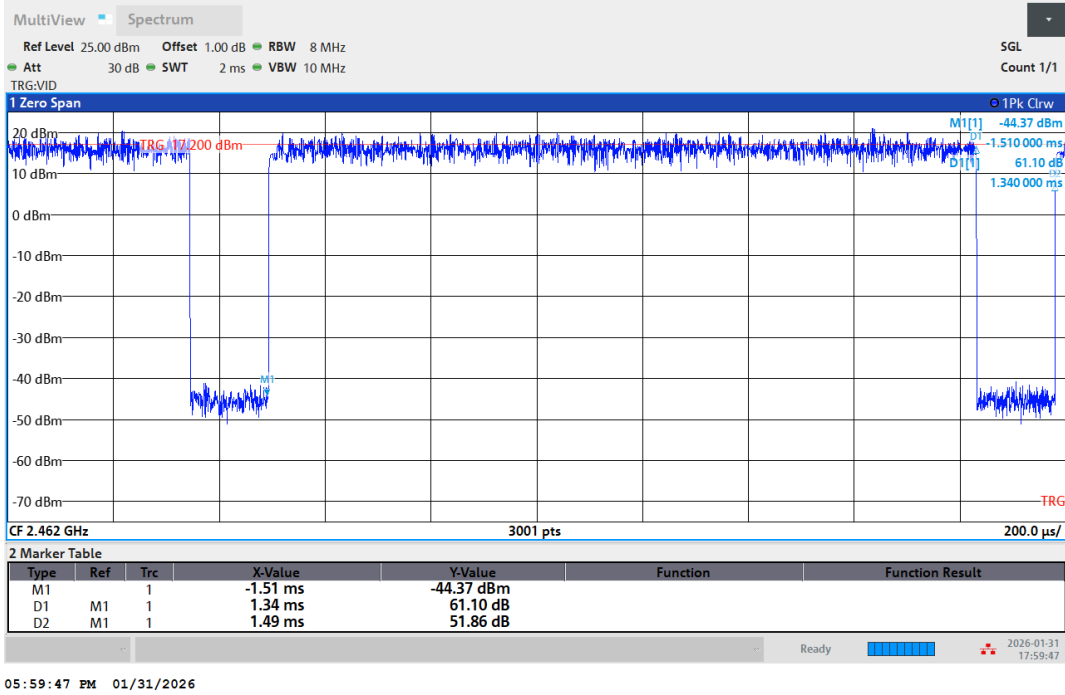
NTNV-11G-2462



NTNV-11N20-2412



NTNV-11N20-2437



NTNV-11N20-2462