

TEST REPORT

Product Name : Camera Hub G5 Pro (Wi-Fi)
Model Number : CH-C07E, CH-C07D
FCC ID : 2AKIT-CHC07

Prepared for : Lumi United Technology Co., Ltd.
Address : Room 801-804, Building 1, Chongwen Park, Nanshan
iPark, No. 3370, Liuxian Avenue, Fuguang Community,
Taoyuan Residential District, Nanshan District, Shenzhen,
China

Prepared by : EMTEK (SHENZHEN) CO., LTD.
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Date(s) of Tests : November 12, 2024 to November 20, 2024
June 28, 2025 to July 21, 2025
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Modified Information

Version	Report No.	Revision Date	Summary
Ver.1.0	ENS2506230100W00605R	/	Original Report



1 TEST RESULT CERTIFICATION

Applicant : Lumi United Technology Co., Ltd.
Address : Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
Manufacturer : Lumi United Technology Co., Ltd.
Address : Room 801-804, Building 1, Chongwen Park, Nanshan iPark, No. 3370, Liuxian Avenue, Fuguang Community, Taoyuan Residential District, Nanshan District, Shenzhen, China
EUT : Camera Hub G5 Pro (Wi-Fi)
Model Name : CH-C07E, CH-C07D
Trademark : Aqara

Measurement Procedure Used:

APPLICABLE STANDARDS	
STANDARD	TEST RESULT
FCC 47 CFR Part 2, Subpart J FCC 47 CFR Part 15, Subpart E	PASS

The above equipment was tested by EMTEK (SHENZHEN) CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with the above table standards requirement.
The test results of this report relate only to the tested sample identified in this report.

Date of Test : November 12, 2024 to November 20, 2024
June 28, 2025 to July 21, 2025

Prepared by : 
Una Yu/Editor

Reviewer : 
Joe Xia/Supervisor

Approved & Authorized Signer : 
Lisa Wang/Manager

2 EUT TECHNICAL DESCRIPTION

Product Name:	Camera Hub G5 Pro (Wi-Fi)
Model Number:	CH-C07E, CH-C07D
Wifi Type:	UNII-1: 5150MHz-5250MHz Band UNII-3: with 5725MHz-5850MHz Band
WLAN Supported:	802.11a 802.11n(20MHz channel bandwidth) 802.11n(40MHz channel bandwidth) 802.11ac(20MHz channel bandwidth) 802.11ac(40MHz channel bandwidth) 802.11ac(80MHz channel bandwidth)
Modulation:	OFDM, OFDMA
Frequency Range:	5150MHz-5250MHz Band
	5180-5240MHz for 802.11a 5180-5240MHz for 802.11n(HT20) 5190-5230MHz for 802.11n(HT40) 5180-5240MHz for 802.11ac(HT20) 5190-5230MHz for 802.11ac(HT40) 5210MHz for 802.11ac(HT80)
	5725MHz-5850MHz Band
	5745-5825MHz for 802.11a 5745-5825MHz for 802.11n(HT20) 5755-5795MHz for 802.11n(HT40) 5745-5825MHz for 802.11ac(HT20) 5755-5795MHz for 802.11ac(HT40) 5775MHz for 802.11ac(HT80)
TPC Function:	Not Support
Beamforming:	Not Support
Antenna Type:	FPC Antenna
Antenna Gain:	0.5 dBi (Note: The antenna information is provided by the customers, which will have a certain impact on the test results.)
Power Supply:	5V 2A
Temperature Range:	-30~+50℃

Note: for more details, please refer to the user's manual of the EUT.

3 SUMMARY OF TEST RESULT

FCC Part Clause	Test Parameter	Verdict	Remark
15.407 (a) 15.407 (e)	99% , 6dB and 26dB Bandwidth	PASS	
15.407 (a)	Maximum Conducted Output Power	PASS	
15.407 (a)	Peak Power Spectral Density	PASS	
15.407 (b)	Radiated Spurious Emission	PASS	
15.407 (b)(6) 15.207	Power Line Conducted Emission	PASS	
15.407(a) 15.203	Antenna Application	PASS	
NOTE1: The results of this report do not take into account the uncertainty. NOTE2: According to FCC OET KDB 789033 D2 General UNII Test Procedures New Rules v02r01, In addition, the radiated test is also performed to ensure the emissions emanating from the device cabinet also comply with the applicable limits.			

RELATED SUBMITTAL(S) / GRANT(S):

This submittal(s) (test report) is filing to comply with the above table standards requirement.

4 TEST METHODOLOGY

4.1 GENERAL DESCRIPTION OF APPLIED STANDARDS

According to its specifications, the EUT must comply with the requirements of the following standards:
 FCC 47 CFR Part 2, Subpart J
 FCC 47 CFR Part 15, Subpart E
 FCC KDB 789033 D2 General UNII Test Procedures New Rules v02r01

4.2 MEASUREMENT EQUIPMENT USED

For Conducted Emission Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
EMI Test Receiver	Rohde & Schwarz	ESCI	101384	2024/5/11	1Year
AMN	Rohde & Schwarz	ENV216	101161	2024/5/10	1Year

For Spurious Emissions Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Pre-Amplifier	Bonn	BLMA 011001N	2213967A	2024/10/18	1Year
EMI Test Receiver	Rohde & Schwarz	ESR7	102551	2024/10/18	1Year
Bilog Antenna	Schwarzbeck	VULB9163	9163142	2024/7/8	2Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1198	2025/5/13	2Year
Pre-Amplifier	Bonn	BLMA 0118-5G	2213967B-01	2024/10/18	1Year
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101290	2024/10/18	1Year
Horn antenna	Schwarzbeck	BBHA9170	9170-399	2025/5/13	2Year
Pre-Amplifier	Lunar EM	LNA18G26-40	J1012131010001	2025/5/9	1Year
Pre-Amplifier	Lunar EM	LNA26G40-40	J1013131028001	2025/5/9	1Year
Loop Antenna	Schwarzbeck	FMZB1519	1519-012	2025/5/13	2Year
Wideband Radio Communication Tester	R&S	CMW500	147366	2025/5/10	1Year

For Other Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Wideband Radio Communication Tester	R&S	CMW500	171168	2024/9/18	1Year
Frequency Extender	R&S	CMW-Z800A	100430	2024/9/18	1Year
Spectrum Analyzer	R&S	FSV3044	101289	2024/12/17	1Year
Analog Signal Generator	R&S	SMB100A	183237	2024/9/18	1Year
Vector Signal Generator	R&S	SMM100A	101808	2024/9/18	1Year
RF Control Unit(Power Meter)	Tonscend	JS0806-2	22C8060567	2024/9/18	1Year
Temperature&Humidity Chamber	ESPEC	EL-02KA	12107166	2025/5/10	1 Year
DC Power Supply	KEYSIGHT	E3642A	MY53030016	2024/9/18	1 Year

4.3 DESCRIPTION OF TEST MODES

The EUT has been tested under its typical operating condition.

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

Test of channel included the lowest and middle and highest frequency to perform the test, then record on this report.

Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

WIFI 5G with 5150-5250MHz

Frequency and Channels list for 802.11a/n(20)/ac(20)/ax(20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	44	5220		
40	5200	48	5240		

Frequency and Channels list for 802.11n (40)/ac(40)/ax(40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190				
46	5230				

Frequency and Channel list for 802.11ac(80)/ax(80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210				

Test Frequency and Channels for 802.11a/n(20)/ac(20)/ax(20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	40	5200	48	5240

Test Frequency and channels for 802.11n (40)/ac(40)/ax(40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
38	5190	N/A	N/A	46	5230

Test Frequency and channels for 802.11ac(80)/ax(80):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
42	5210	N/A	N/A	N/A	N/A

WIFI 5G with 5250-5350MHz

Frequency and Channels list for 802.11a/n(20)/ac(20)/ax(20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	60	5300		
56	5280	64	5320		

Frequency and Channels list for 802.11n (40)/ac(40)/ax(40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270				
62	5310				

Frequency and Channels list for 802.11ac(80)/ax(80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
58	5290				

Frequency and Channels list for 802.11ax(160):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
50	5250				

Test Frequency and Channels for 802.11a/n(20)/ac(20)/ax(20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	56	5280	64	5320

Test Frequency and channels for 802.11n (40)/ac(40)/ax(40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
54	5270	N/A	N/A	62	5310

Test Frequency and channels for 802.11ac(80)/ax(80):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
58	5290				

Test Frequency and channels for 802.11ac(160)/ax(160):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
50	5250				

WIFI 5G with 5470-5725MHz

Frequency and Channels list for 802.11a/n(20)/ac(20)/ax(20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	116	5580	132	5660
104	5520	120	5600	136	5680
108	5540	124	5620	140	5700
112	5560	128	5640		

Frequency and Channels list for 802.11n (40)/ac(40)/ax(40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510	118	5590	134	5670
110	5550	126	5630		

Frequency and Channels list for 802.11ac(80)/ax(80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
106	5530	122	5610		

Frequency and channels for 802.11ac(160)/ax(160):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
114	5570				

Test Frequency and Channels for 802.11a/n(20)/ac(20)/ax(20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	116	5580	140	5700

Test Frequency and channels for 802.11n (40)/ac(40)/ax(40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
102	5510			134	5670

Test Frequency and channels for 802.11ac(80)/ax(80):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
106	5530	122	5610		

Test Frequency and channels for 802.11ac(160)/ax(160):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
114	5570				

WIFI 5G with 5725MHz-5850MHz

Frequency and Channels list for 802.11a/n(20)/ac(20)/ax(20):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825
153	5765	161	5805		

Frequency and Channels list for 802.11n(40)/ac(40)/ax(40):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755				
159	5795				

Frequency and Channels list for 802.11ac(80)/ax(80):

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
155	5775				

Test Frequency and Channels for 802.11a/n(20)/ac(20)/ax(20):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	157	5785	165	5825

Test Frequency and channels for 802.11n(40)/ac(40)/ax(40):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
151	5755			159	5795

Test Frequency and channels for 802.11ac(80)/ax(80):

Lowest Frequency		Middle Frequency		Highest Frequency	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
155	5775				

Multi-antenna correlation:

☒	Transmit Signals are Correlated
	Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N_{ANT}]$ dBi
☐	All Transmit Signals are Completely Uncorrelated
	Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10}) / N_{ANT}]$ dBi

Ant1: 0.5dBi, Directional gain = / dBi

5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

Site Description
EMC Lab.

: **Accredited by CNAS**

The Certificate Registration Number is L2291.

The Laboratory has been assessed and proved to be in compliance with CNAS-CL01 (identical to ISO/IEC 17025:2017)

Accredited by FCC

Designation Number: CN1204

Test Firm Registration Number: 882943

Accredited by A2LA

The Certificate Number is 4321.01.

Accredited by Industry Canada

The Conformity Assessment Body Identifier is CN0008

Name of Firm

: EMTEK (SHENZHEN) CO., LTD.

Site Location

: Building 69, Majialong Industry Zone,
Nanshan District, Shenzhen, Guangdong, China

5.2 EQUIPMENT

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, biconical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with preselectors and quasi-peak detectors are used to perform radiated measurements.

Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

6 TEST SYSTEM UNCERTAINTY

The following measurement uncertainty levels have been estimated for tests performed on the apparatus:

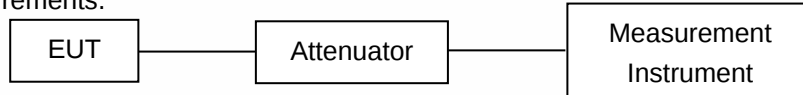
Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
All emission, radiated	$\pm 3\text{dB}$
Antenna Port Emission	$\pm 3\text{dB}$
Temperature	$\pm 0.5^{\circ}\text{C}$
Humidity	$\pm 3\%$

Measurement Uncertainty for a level of Confidence of 95%.

7 SETUP OF EQUIPMENT UNDER TEST

7.1 RADIO FREQUENCY TEST SETUP

The WLAN component's antenna ports(s) of the EUT are connected to the measurement instrument per an appropriate attenuator. The EUT is controlled by PC/software to emit the specified signals for the purpose of measurements.



7.2 RADIO FREQUENCY TEST SETUP

The test site semi-anechoic chamber has met the requirement of NSA tolerance 4 dB according to the standards: ANSI C63.10. The test distance is 3m. The setup is according to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 and CAN/CSA-CEI/IEC CISPR 22.

Below 30MHz:

The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna (loop antenna). The Antenna should be positioned with its plane vertical at the specified distance from the EUT and rotated about its vertical axis for maximum response at each azimuth about the EUT. The center of the loop shall be 1 m above the ground. For certain applications, the loop antenna plane may also need to be positioned horizontally at the specified distance from the EUT.

Above 30MHz:

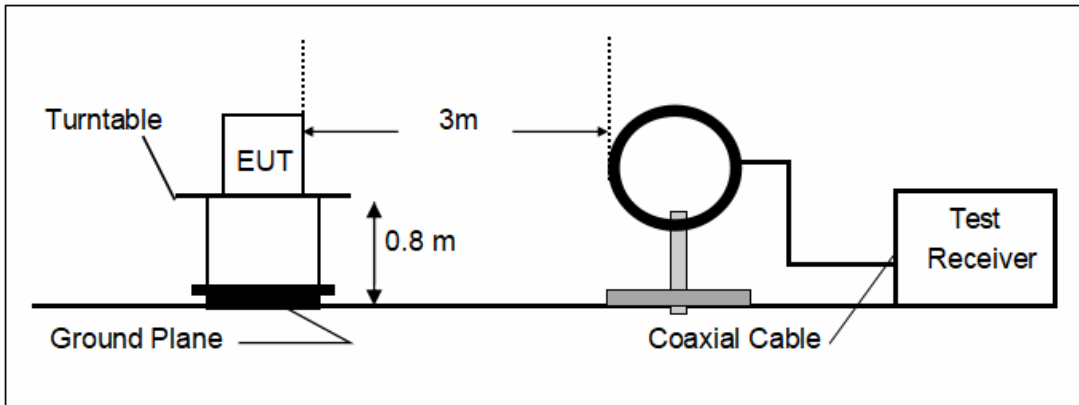
The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

Above 1GHz:

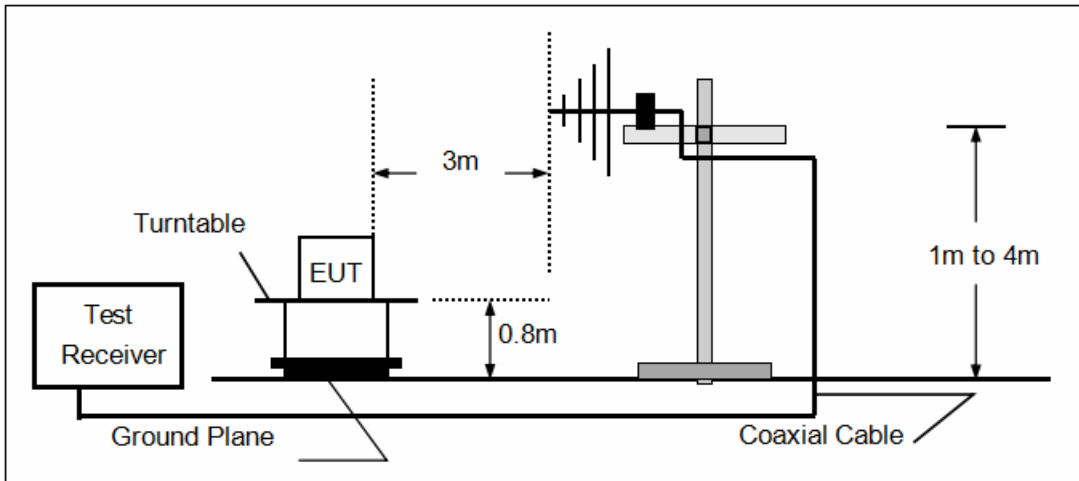
(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.)

The EUT is placed on a turntable 1.5 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is 0° to 360°, and the receive antenna has two polarizations Vertical (V) and Horizontal (H).

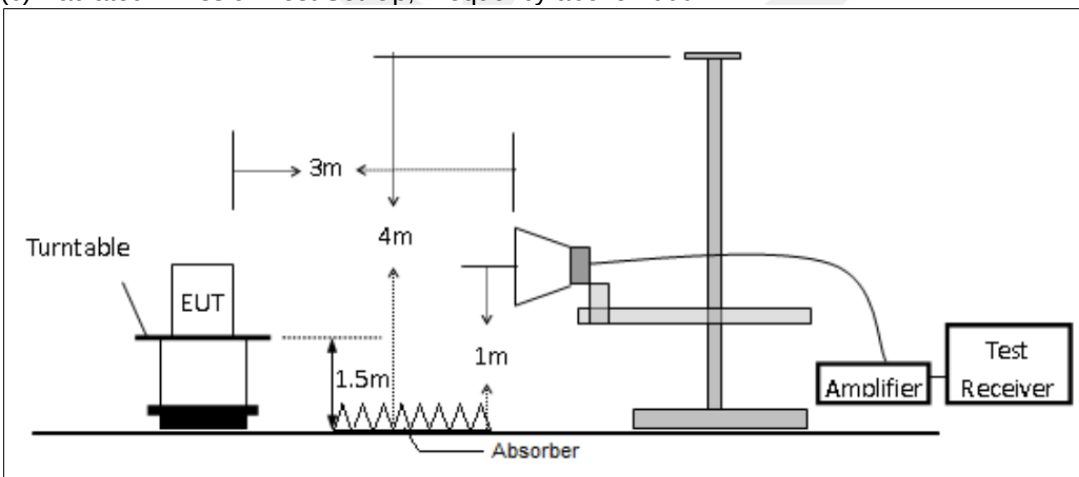
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



(b) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(c) Radiated Emission Test Set-Up, Frequency above 1000MHz

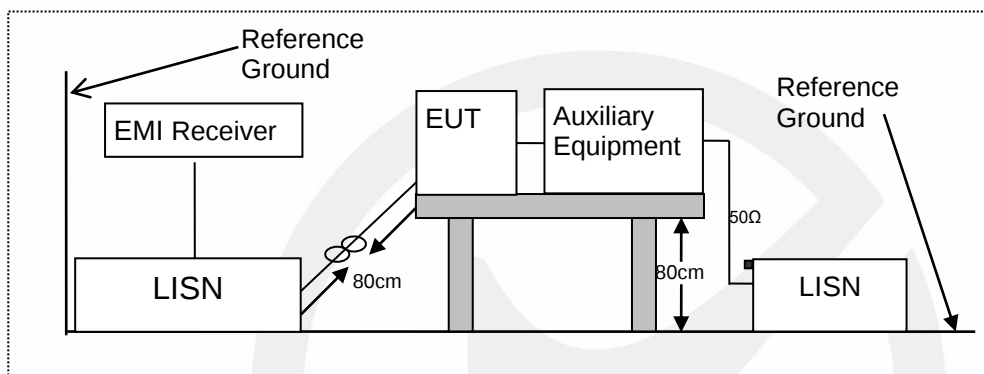


7.3 CONDUCTED EMISSION TEST SETUP

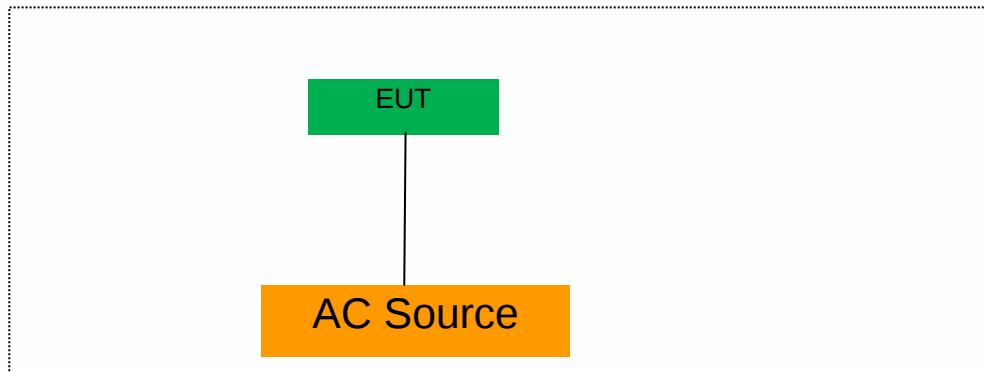
The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8m from the LISN.

Ground connections, where required for safety purposes, shall be connected to the reference ground point of the LISN and, where not otherwise provided or specified by the manufacturer, shall be of same length as the mains cable and run parallel to the mains connection at a separation distance of not more than 0.1 m.

According to the requirements in Section 13.1.4.1 of ANSI C63.10-2013 Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30 MHz using CISPR Quasi-Peak and average detector mode.



7.4 BLOCK DIAGRAM CONFIGURATION OF TEST SYSTEM



7.5 SUPPORT EQUIPMENT

N/A

Notes:

- 1.All the equipment/cables were placed in the worst-case configuration to maximize the emission during the test.
- 2.Grounding was established in accordance with the manufacturer's requirements and conditions for the intended use.

8 TEST REQUIREMENTS

8.1 BANDWIDTH MEASUREMENT

8.1.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C
According to FCC Part 15.407(a)(3) for UNII Band III
According to FCC Part 15.407(e) for UNII Band III
According to 789033 D02 Section II(C)
According to 789033 D02 Section II(D)

8.1.2 Conformance Limit

(1) For the band 5.15-5.25 GHz.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point U-NII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(e) Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

8.1.3 Test Configuration

Test according to clause 6.1 radio frequency test setup.

8.1.4 Test Procedure

According to 789033 D02 v02r01 section C&D, the following is the measurement procedure.

1. Emission Bandwidth (EBW)

- Set RBW = approximately 1% of the emission bandwidth.
- Set the VBW > RBW.
- Detector = Peak.
- Trace mode = max hold.
- Measure the maximum width of the emission that is 26 dB down from the maximum of the emission.

Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

2. Minimum Emission Bandwidth for the band 5.725-5.85 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW) $\geq 3 \times$ RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

D. 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section II.G.3.d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the EBW to 789033 D02 v01r02 General UNII Test Procedures New Rules v01 define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section II.E. However, the EBW must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW.
4. Set VBW $\geq 3 \times$ RBW.
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

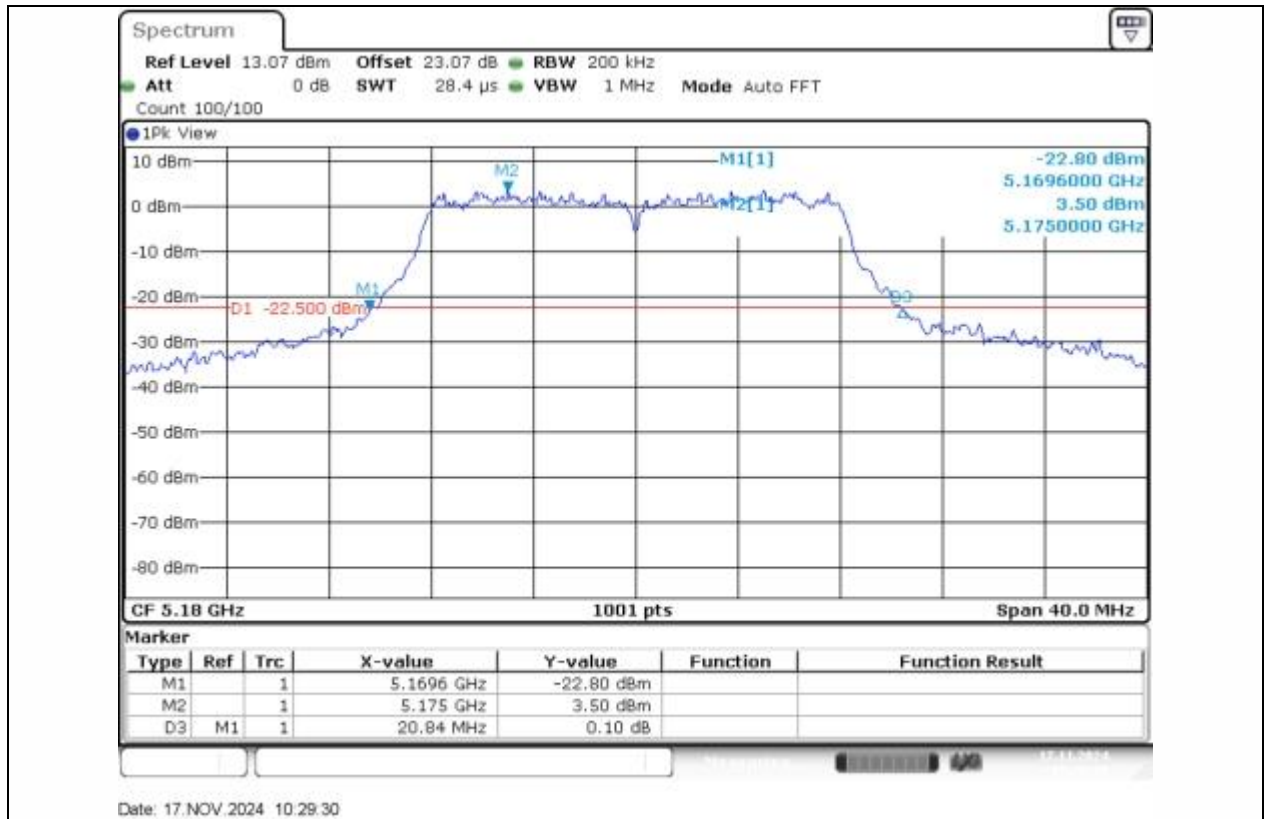
8.1.5 Test Results

Temperature : 25℃
Humidity : 45 %

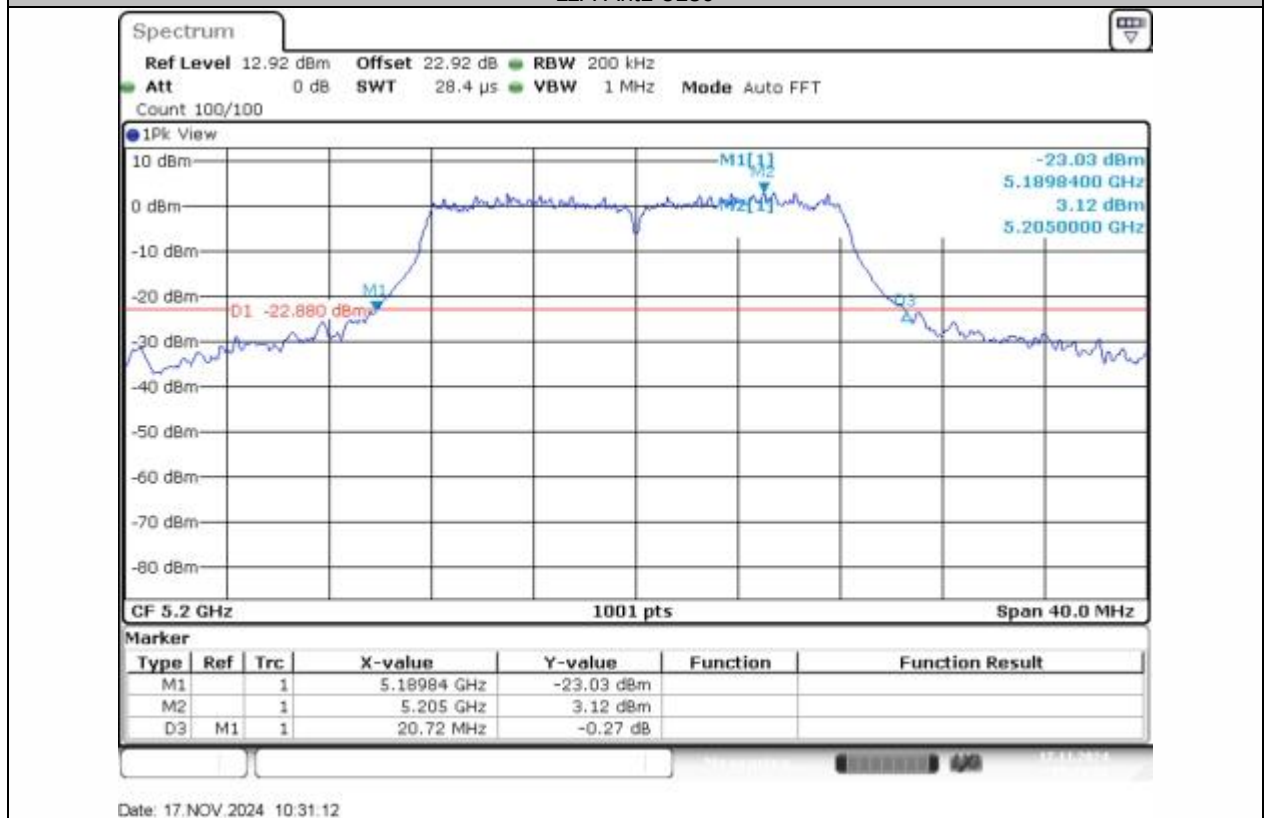
ATM Pressure: 1011 mbar
Test Engineer: XXH

Emission Bandwidth (26dB)

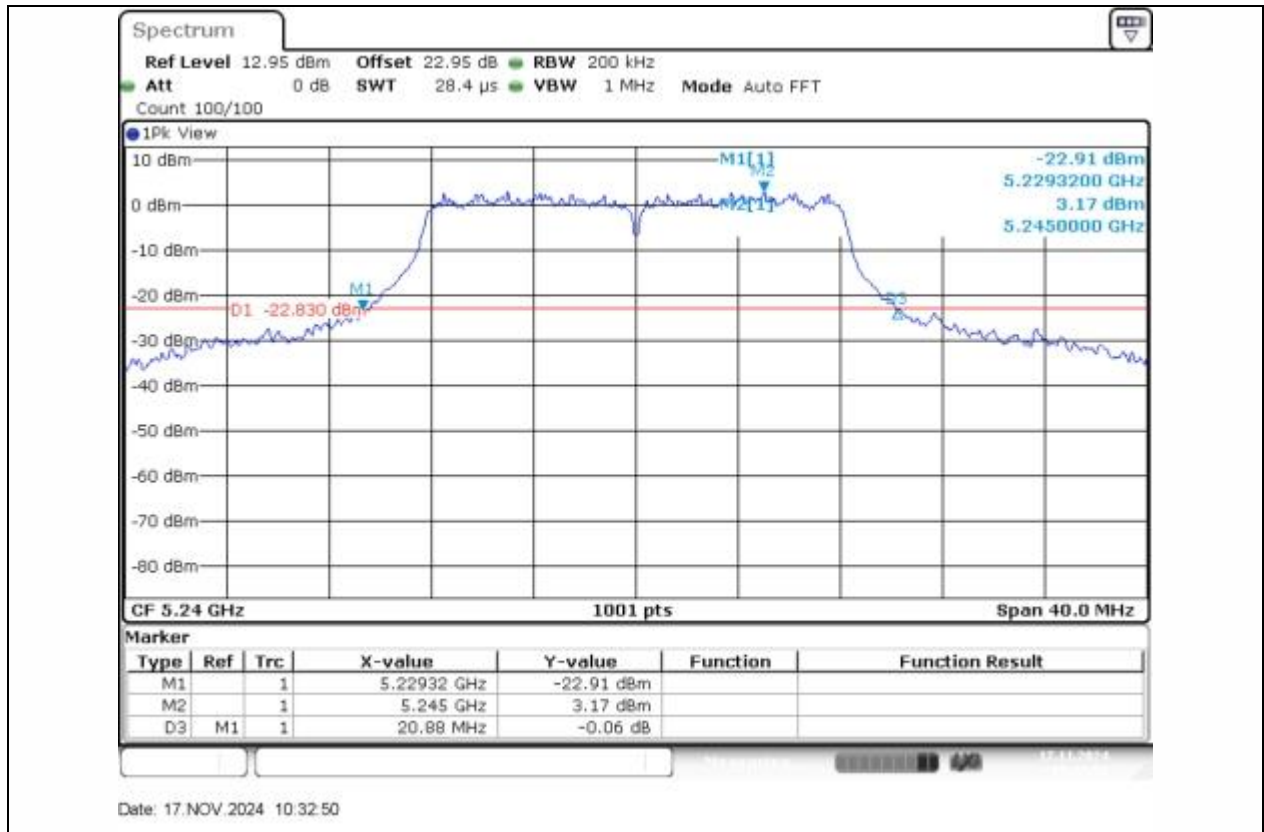
TestMode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.84	5169.60	5190.44	---	---
11A	Ant1	5200	20.72	5189.84	5210.56	---	---
11A	Ant1	5240	20.88	5229.32	5250.20	---	---
11A	Ant1	5745	22.40	5734.56	5756.96	---	---
11A	Ant1	5785	25.52	5773.36	5798.88	---	---
11A	Ant1	5825	22.92	5814.64	5837.56	---	---
11N20SISO	Ant1	5180	21.20	5169.52	5190.72	---	---
11N20SISO	Ant1	5200	21.28	5189.52	5210.80	---	---
11N20SISO	Ant1	5240	24.12	5228.04	5252.16	---	---
11N20SISO	Ant1	5745	23.72	5734.48	5758.20	---	---
11N20SISO	Ant1	5785	22.64	5774.12	5796.76	---	---
11N20SISO	Ant1	5825	21.44	5814.52	5835.96	---	---
11N40SISO	Ant1	5190	44.24	5168.88	5213.12	---	---
11N40SISO	Ant1	5230	42.72	5209.04	5251.76	---	---
11N40SISO	Ant1	5755	41.76	5734.20	5775.96	---	---
11N40SISO	Ant1	5795	44.80	5773.96	5818.76	---	---
11AC20SISO	Ant1	5180	21.36	5169.40	5190.76	---	---
11AC20SISO	Ant1	5200	23.36	5189.16	5212.52	---	---
11AC20SISO	Ant1	5240	21.76	5229.28	5251.04	---	---
11AC20SISO	Ant1	5745	23.52	5734.20	5757.72	---	---
11AC20SISO	Ant1	5785	23.96	5773.88	5797.84	---	---
11AC20SISO	Ant1	5825	21.96	5814.36	5836.32	---	---
11AC40SISO	Ant1	5190	42.64	5169.04	5211.68	---	---
11AC40SISO	Ant1	5230	43.12	5208.72	5251.84	---	---
11AC40SISO	Ant1	5755	44.48	5733.40	5777.88	---	---
11AC40SISO	Ant1	5795	42.40	5773.64	5816.04	---	---
11AC80SISO	Ant1	5210	94.08	5160.56	5254.64	---	---
11AC80SISO	Ant1	5775	99.68	5725.88	5825.56	---	---



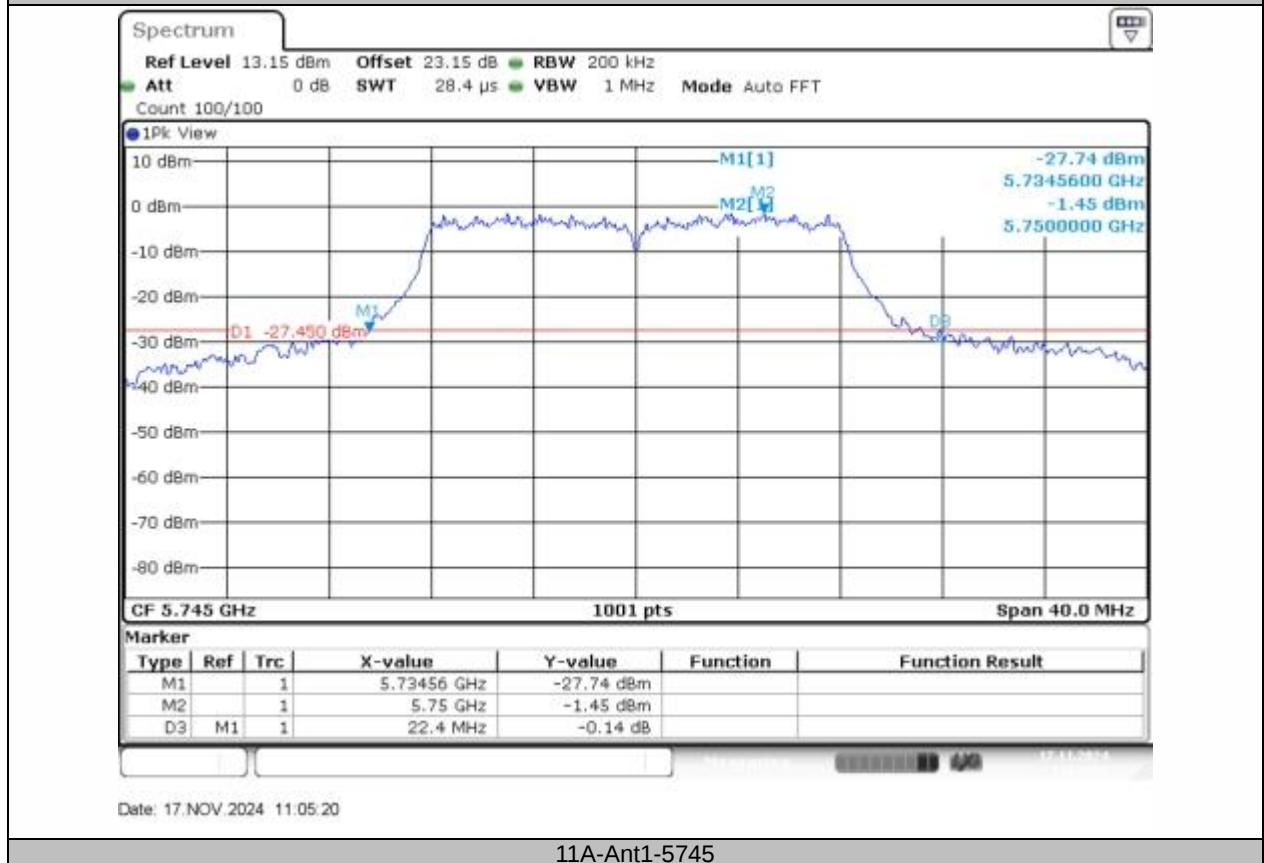
11A-Ant1-5180



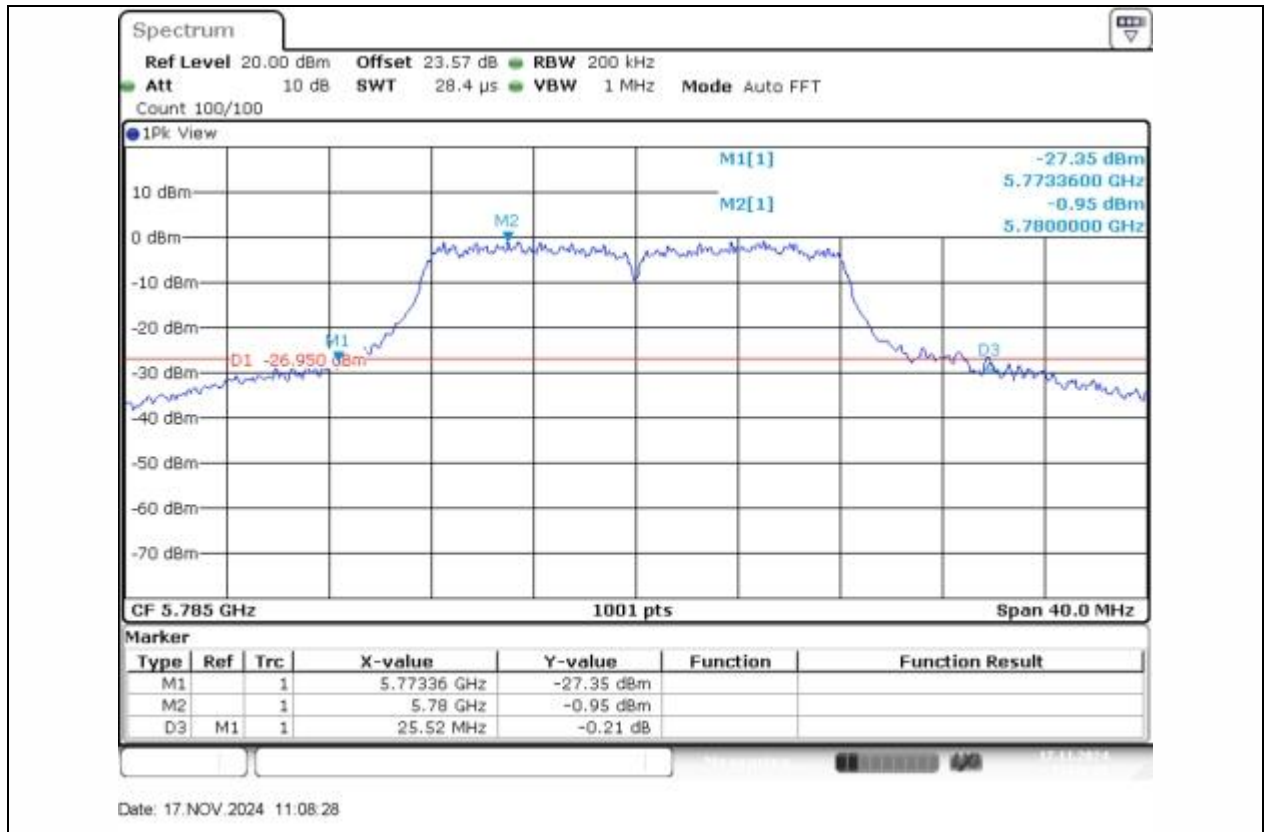
11A-Ant1-5200



11A-Ant1-5240



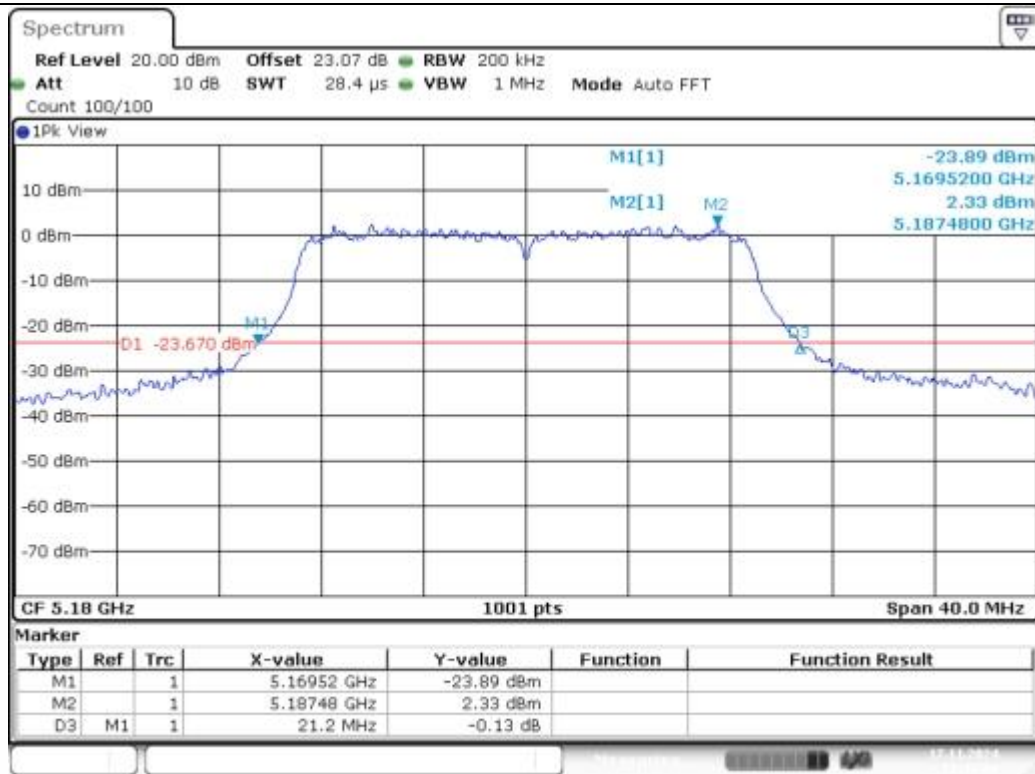
11A-Ant1-5745



11A-Ant1-5785

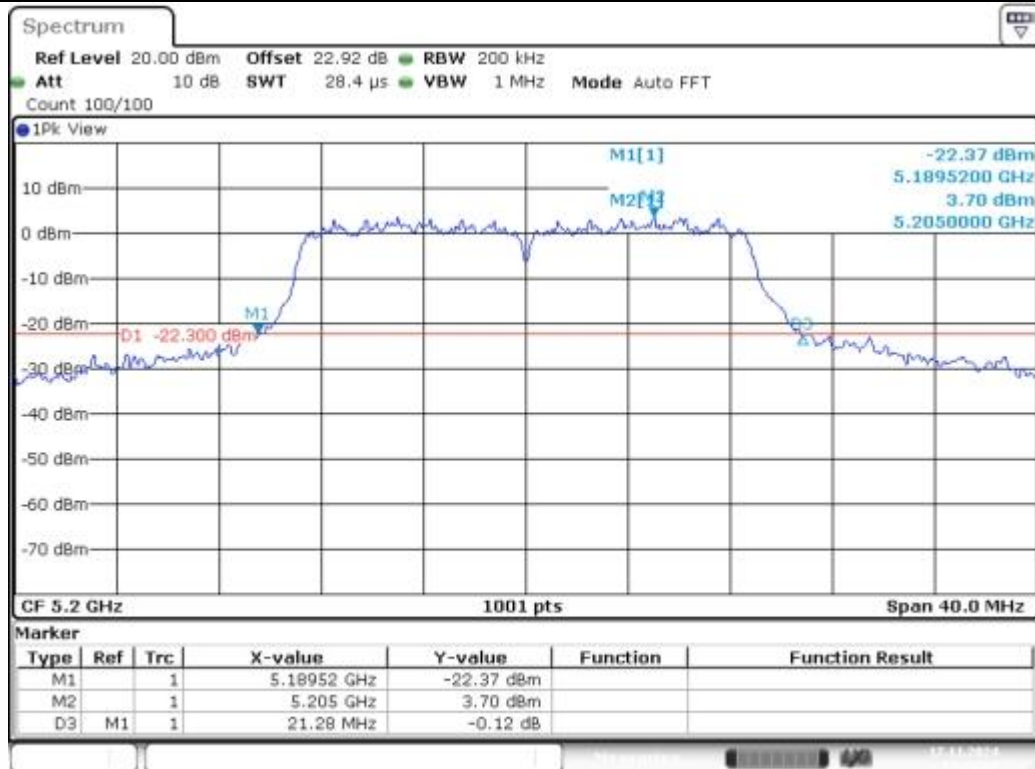


11A-Ant1-5825



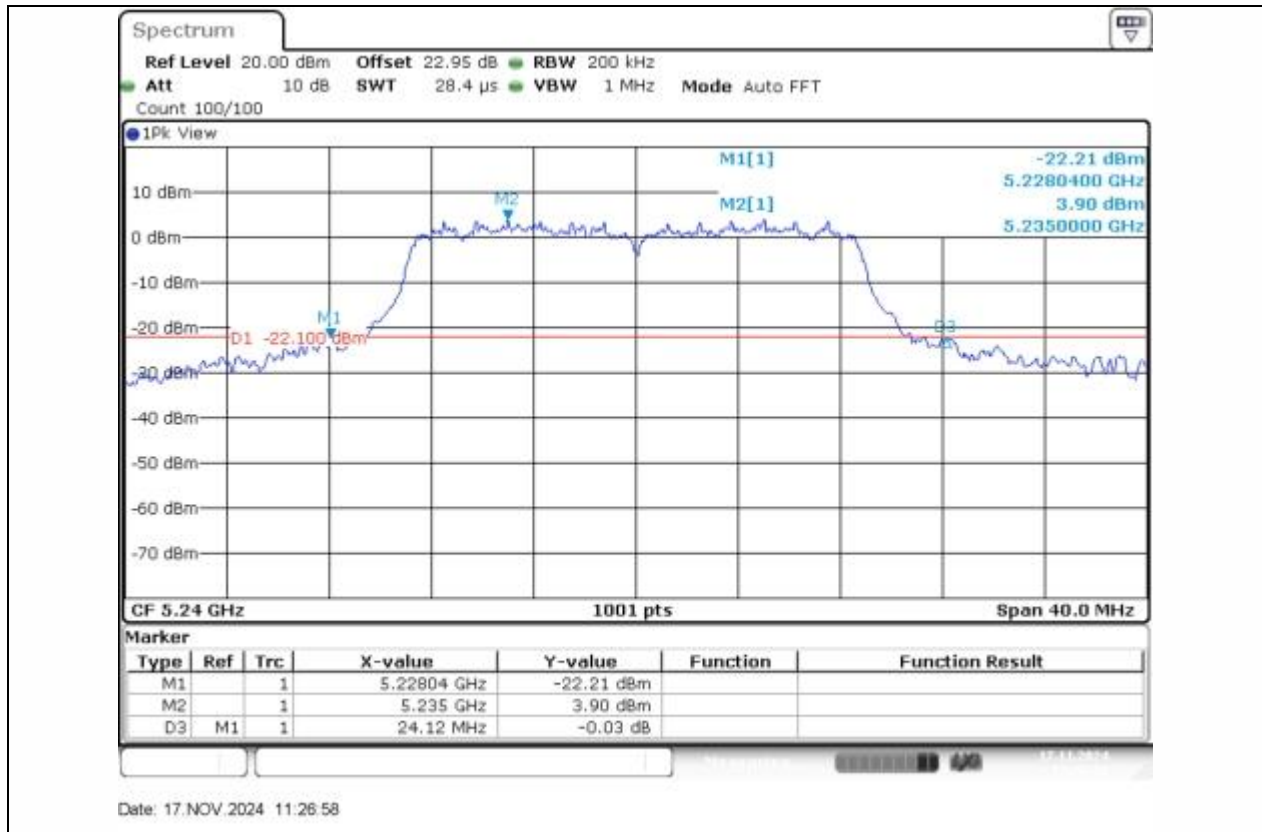
Date: 17.NOV.2024 11:14:07

11N20SISO-Ant1-5180

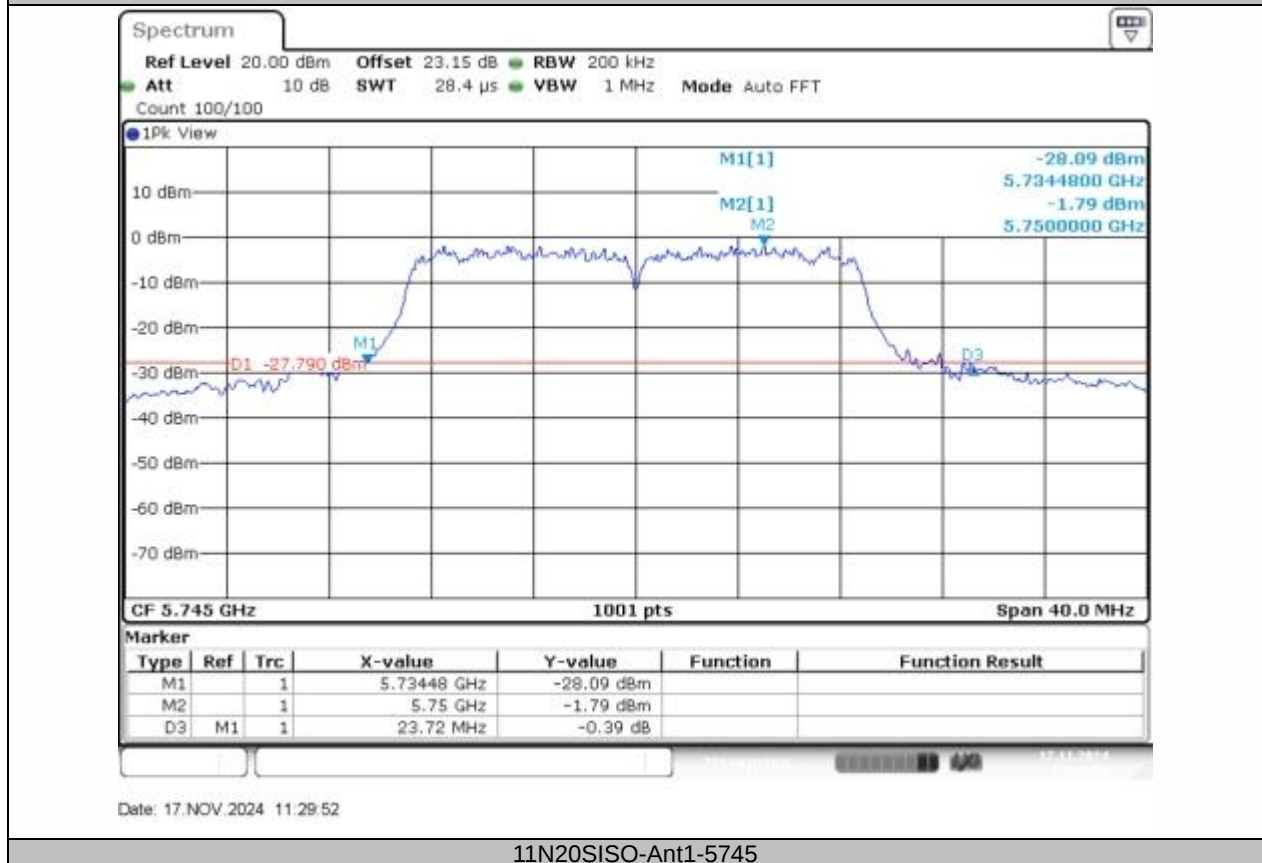


Date: 17.NOV.2024 11:25:37

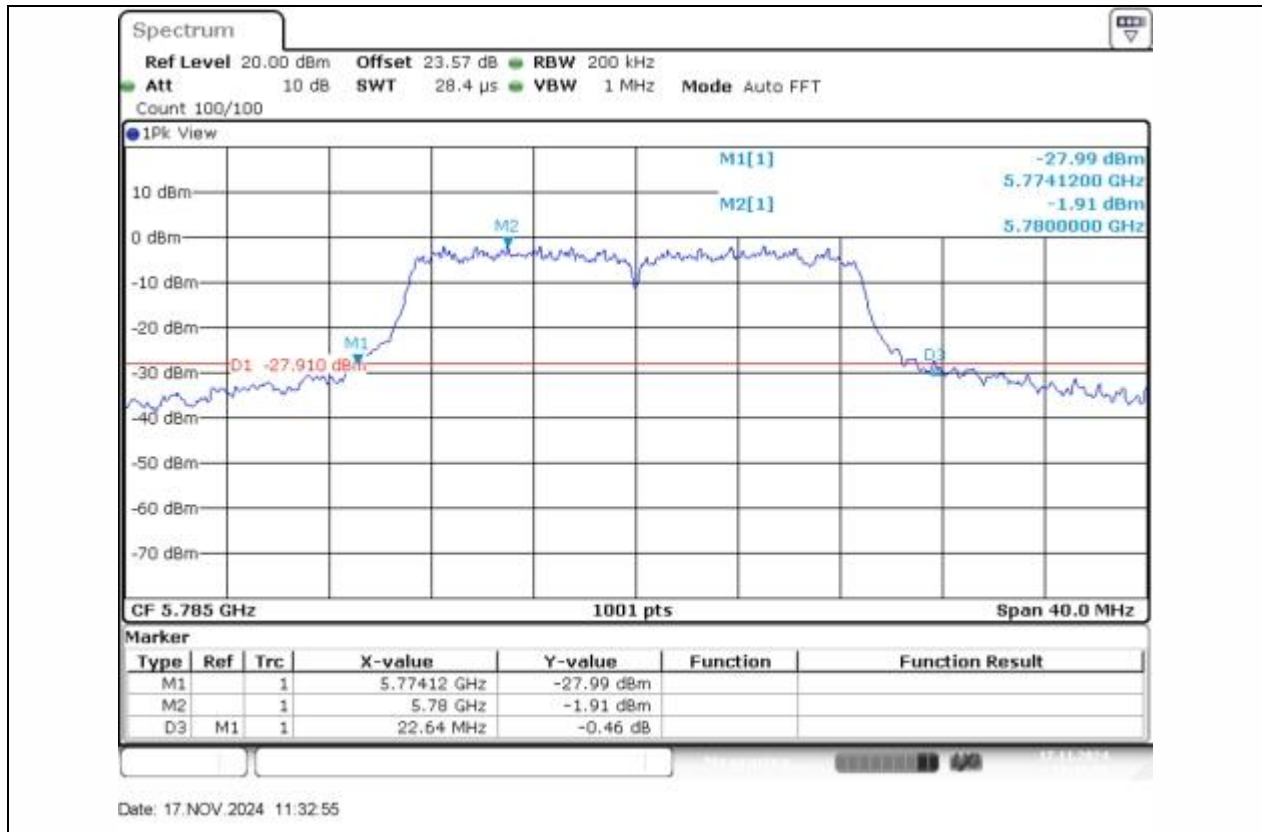
11N20SISO-Ant1-5200



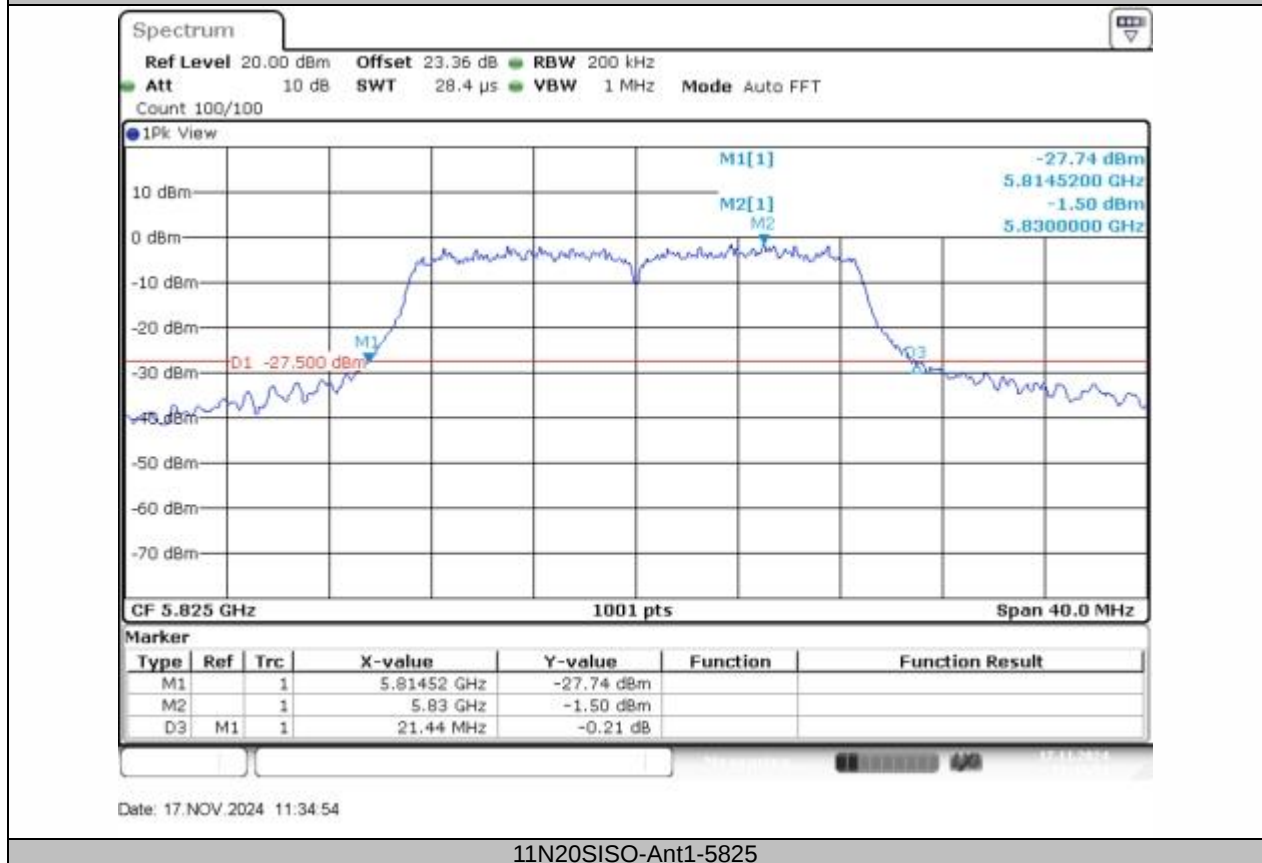
11N20SISO-Ant1-5240



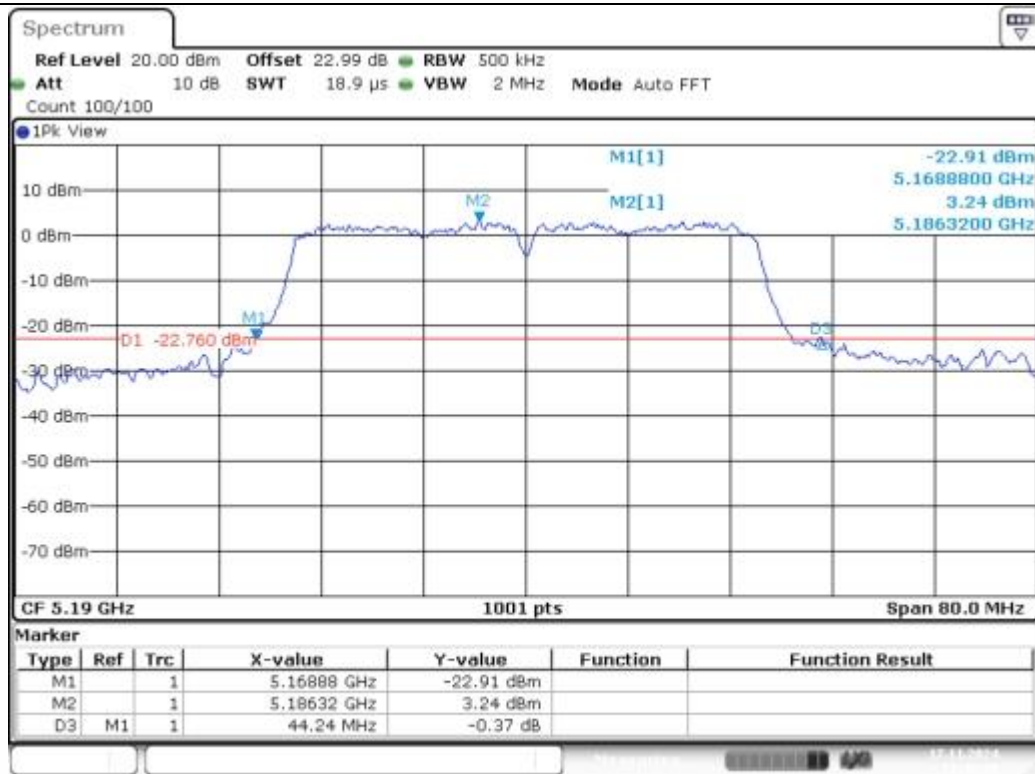
11N20SISO-Ant1-5745



11N20SISO-Ant1-5785

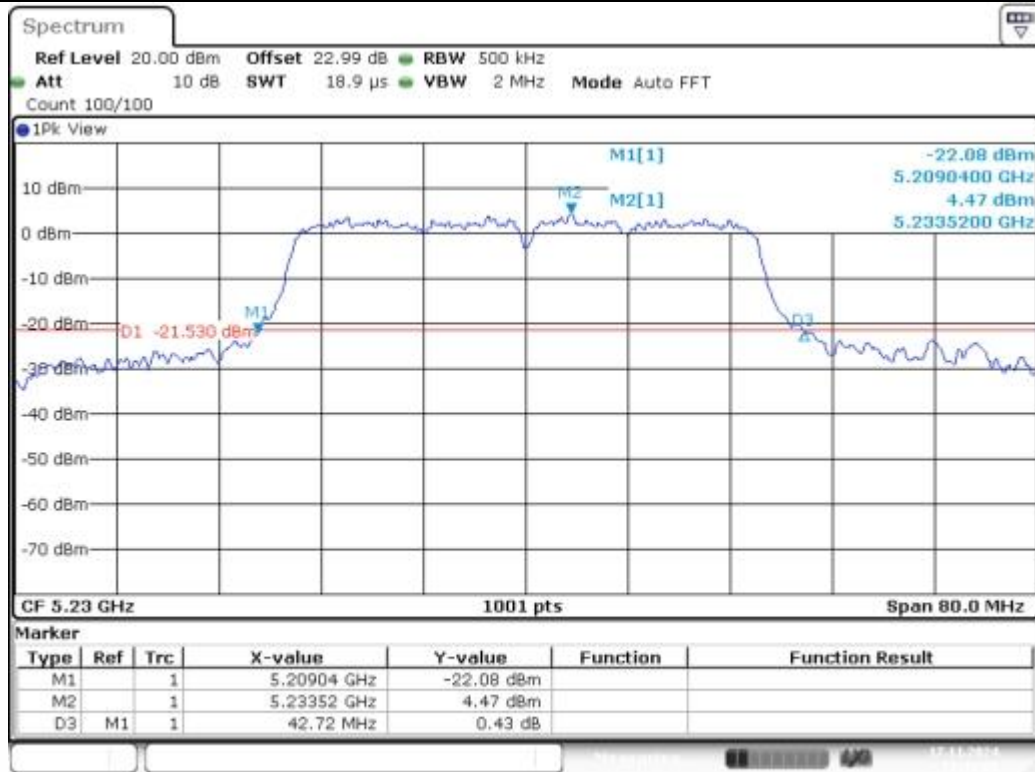


11N20SISO-Ant1-5825



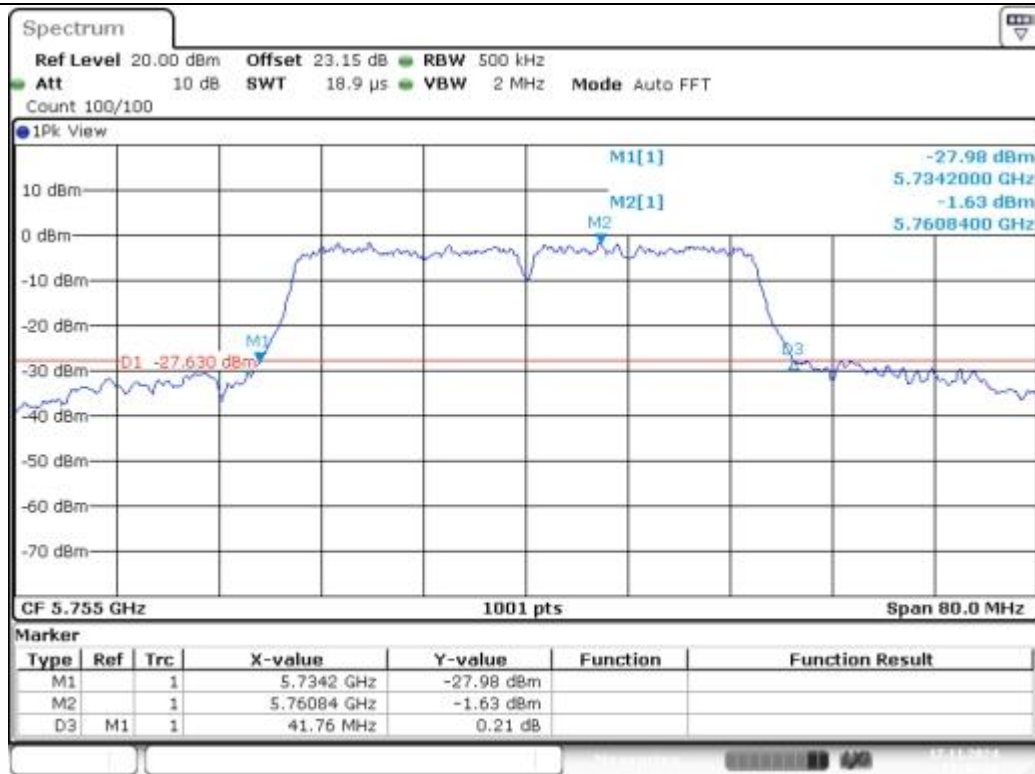
Date: 17.NOV.2024 11:38:19

11N40SISO-Ant1-5190



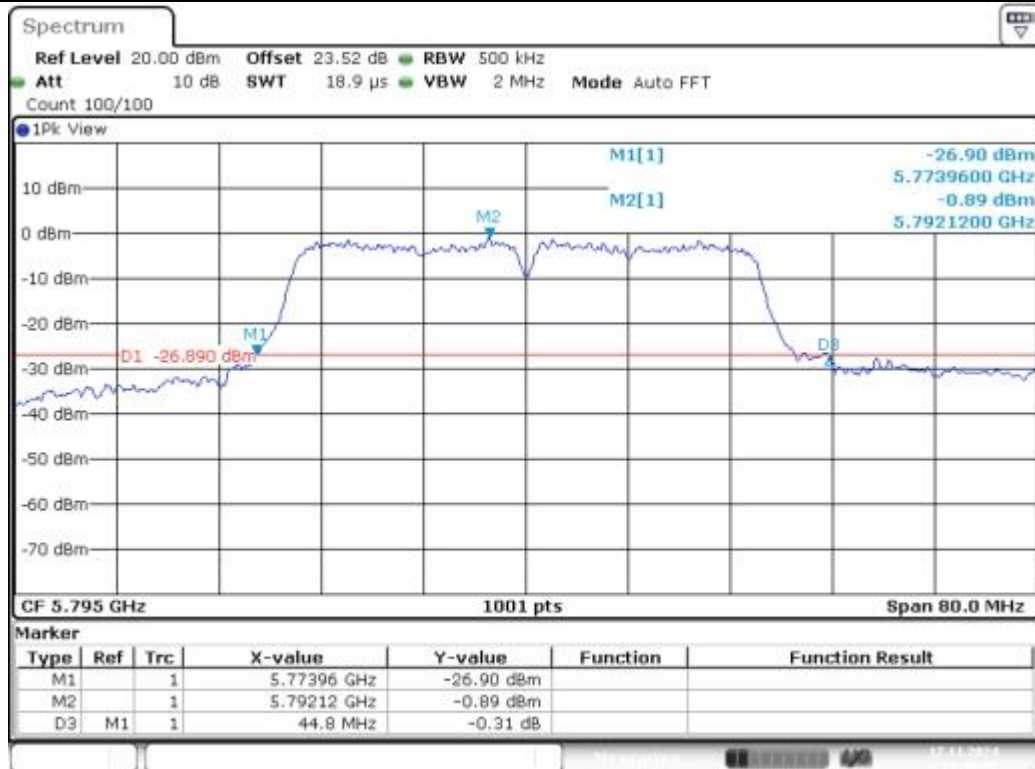
Date: 17.NOV.2024 11:41:28

11N40SISO-Ant1-5230



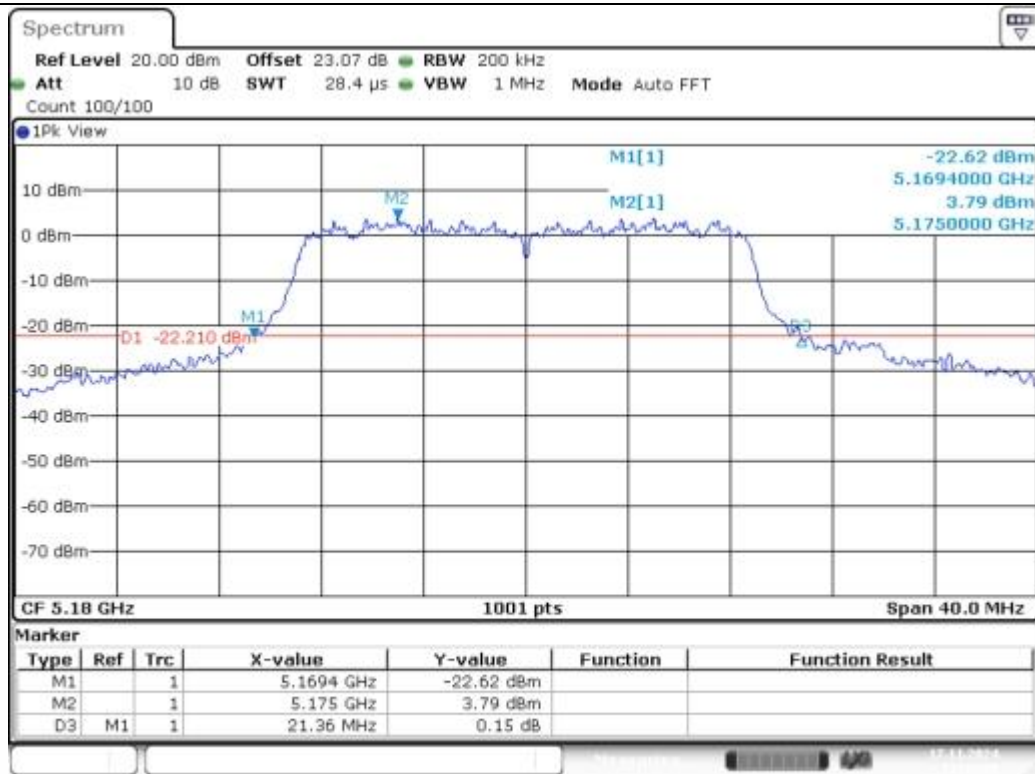
Date: 17.NOV.2024 11:45:31

11N40SISO-Ant1-5755



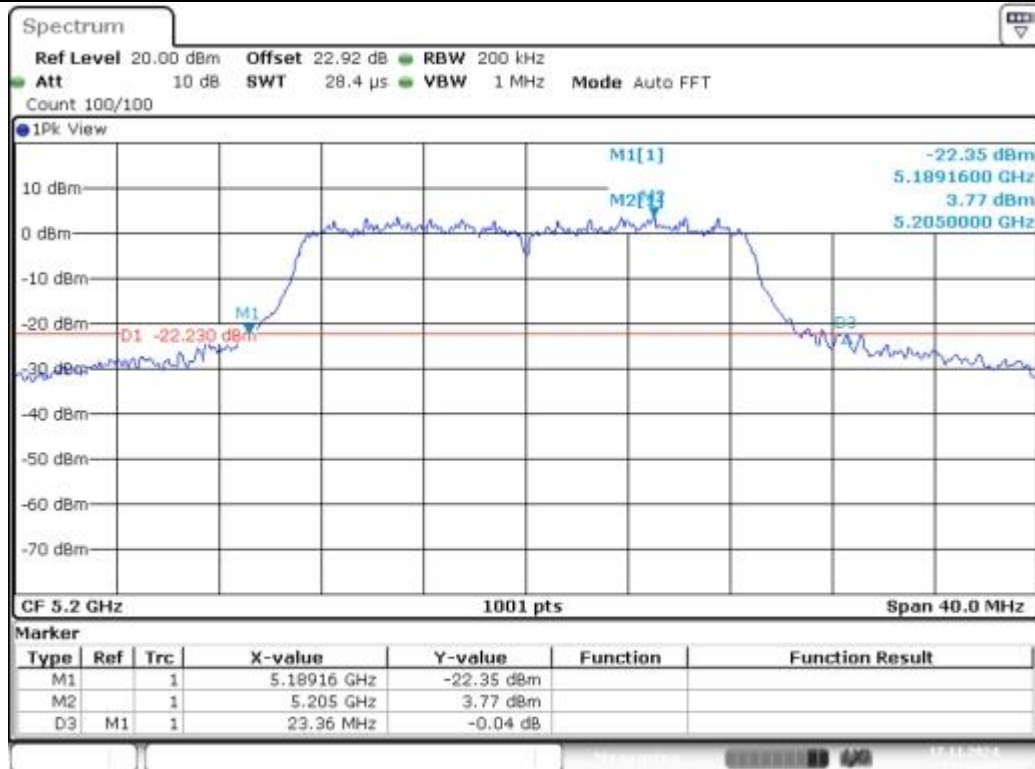
Date: 17.NOV.2024 11:49:21

11N40SISO-Ant1-5795



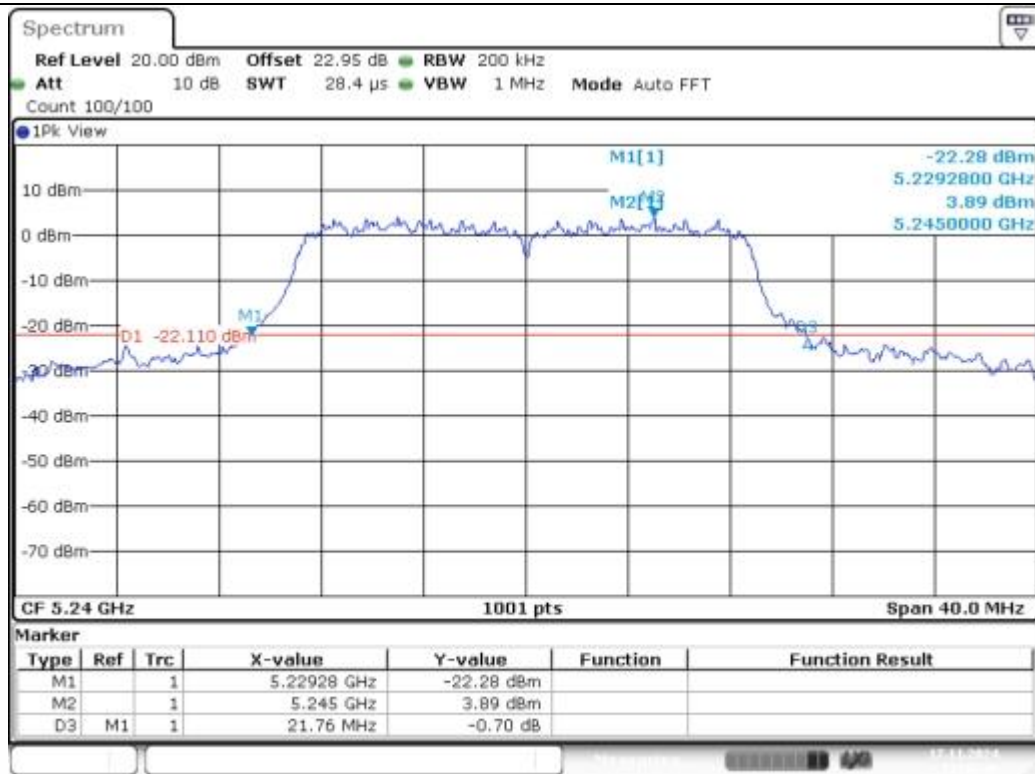
Date: 17.NOV.2024 11:52:36

11AC20SISO-Ant1-5180



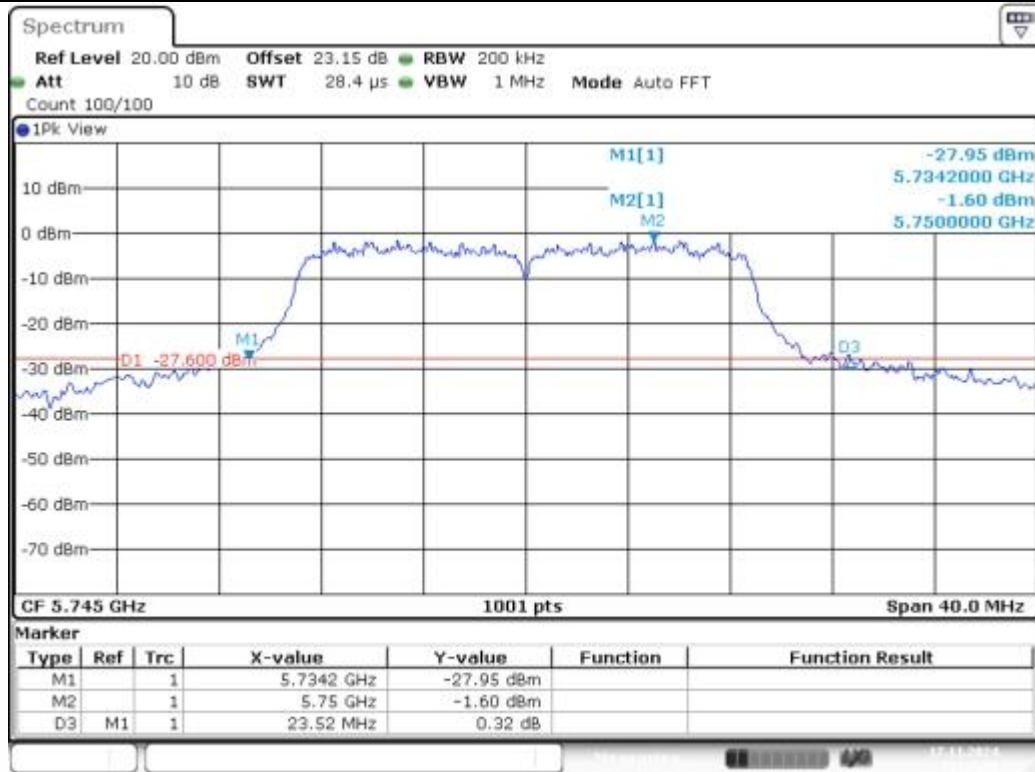
Date: 17.NOV.2024 11:54:19

11AC20SISO-Ant1-5200



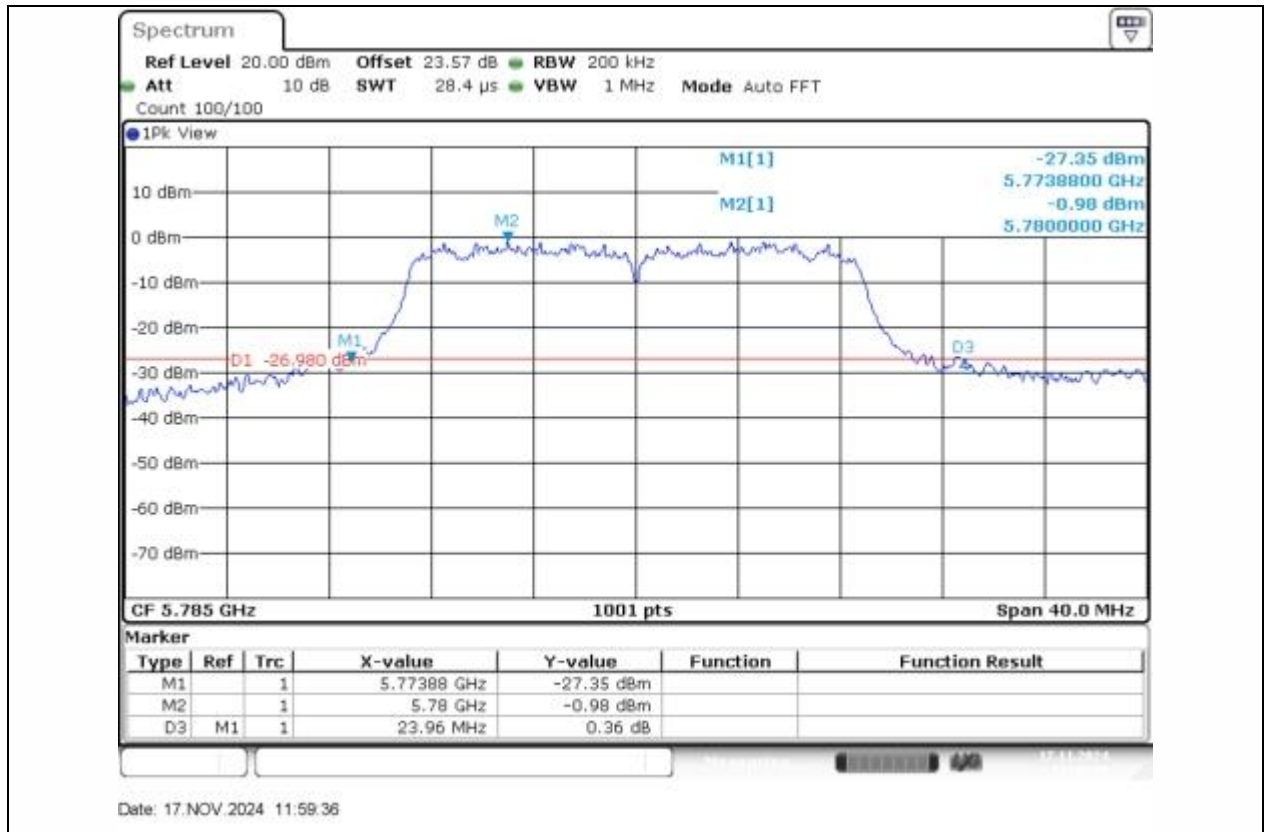
Date: 17.NOV.2024 11:55:45

11AC20SISO-Ant1-5240

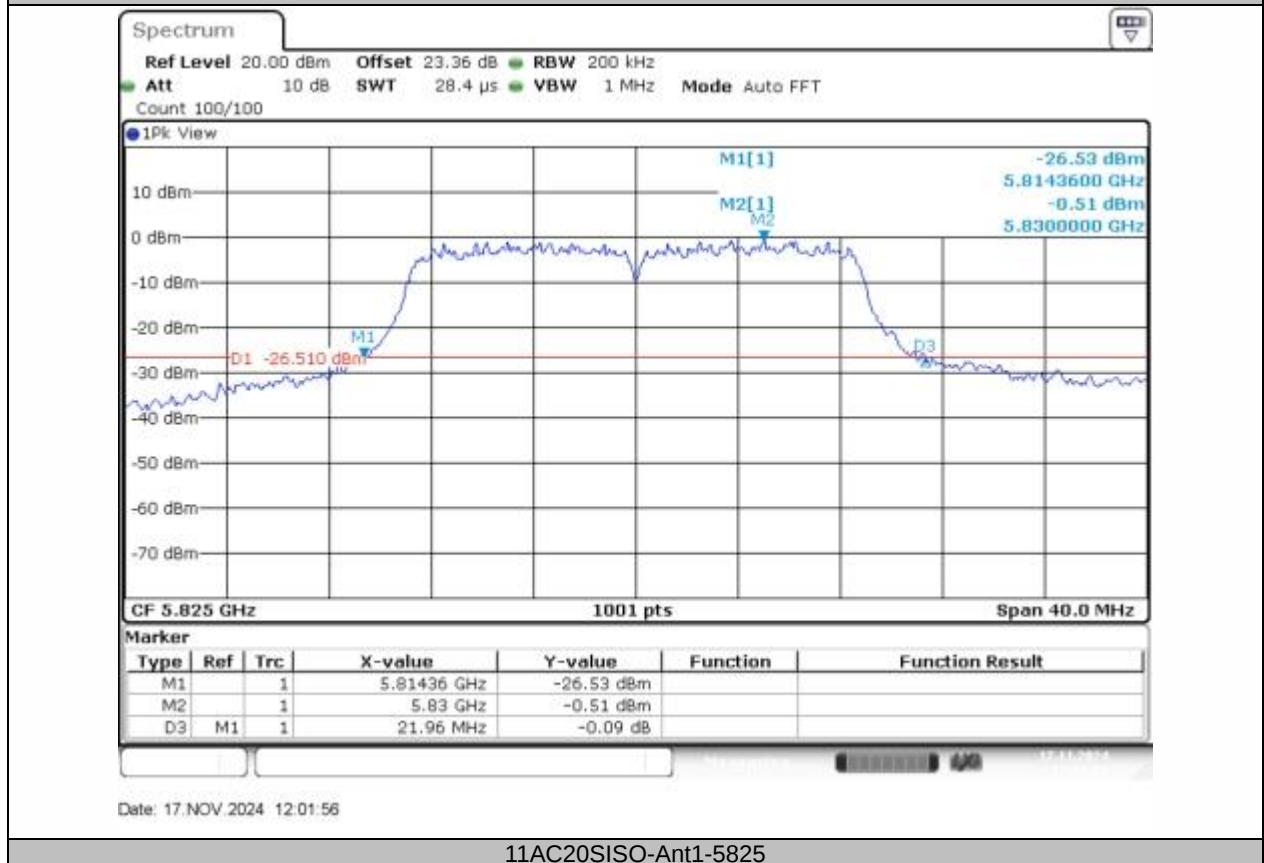


Date: 17.NOV.2024 11:57:39

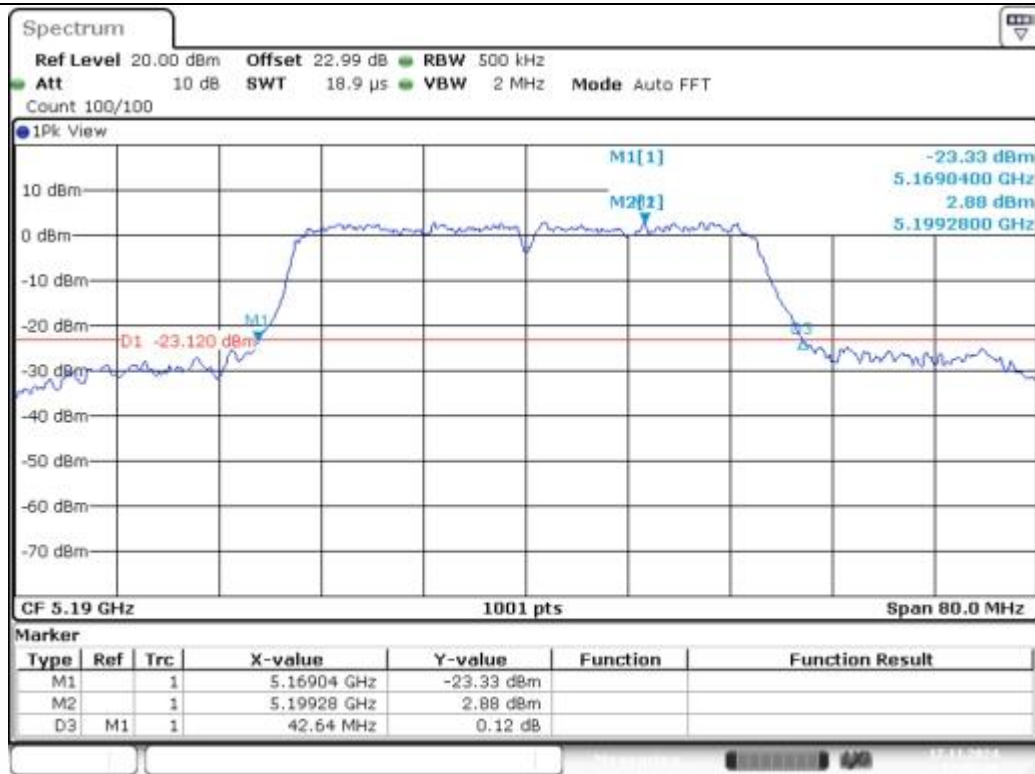
11AC20SISO-Ant1-5745



11AC20SISO-Ant1-5785

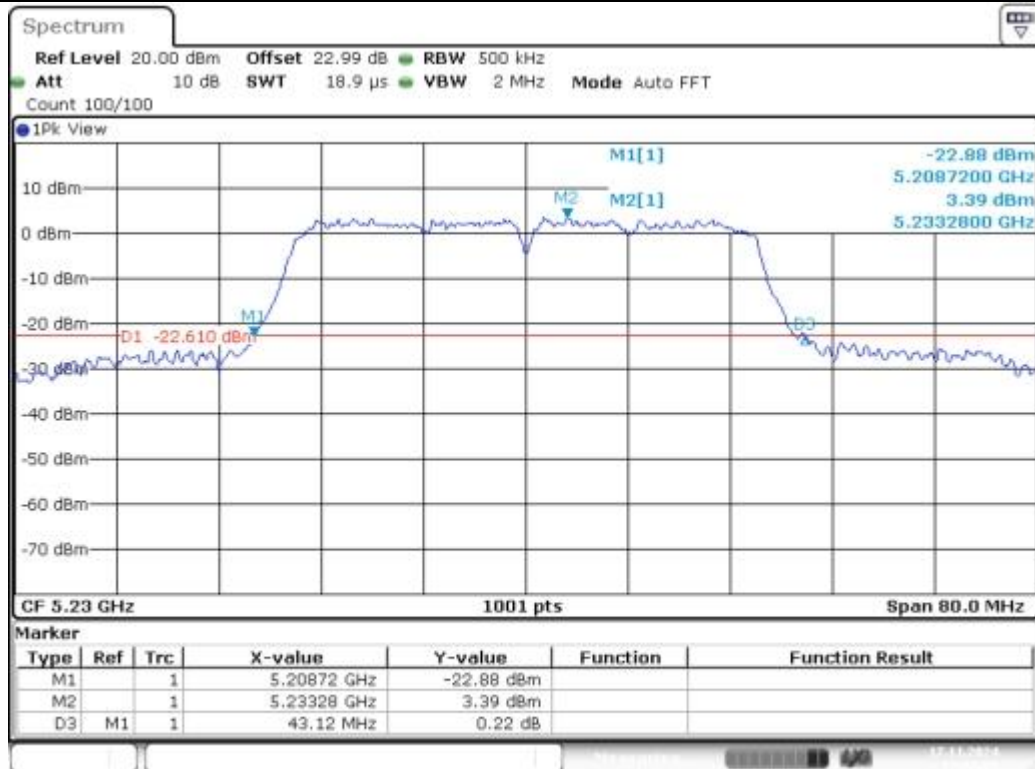


11AC20SISO-Ant1-5825



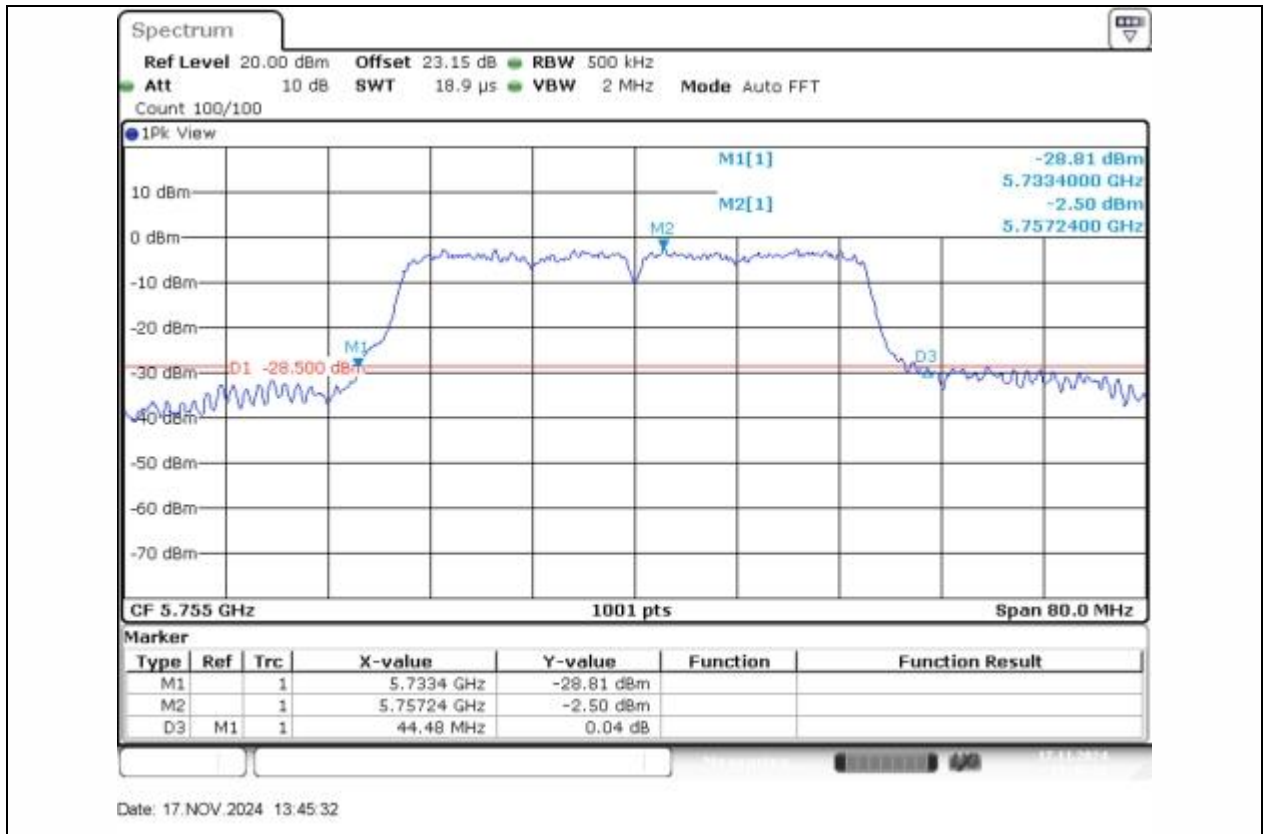
Date: 17.NOV.2024 12:05:19

11AC40SISO-Ant1-5190

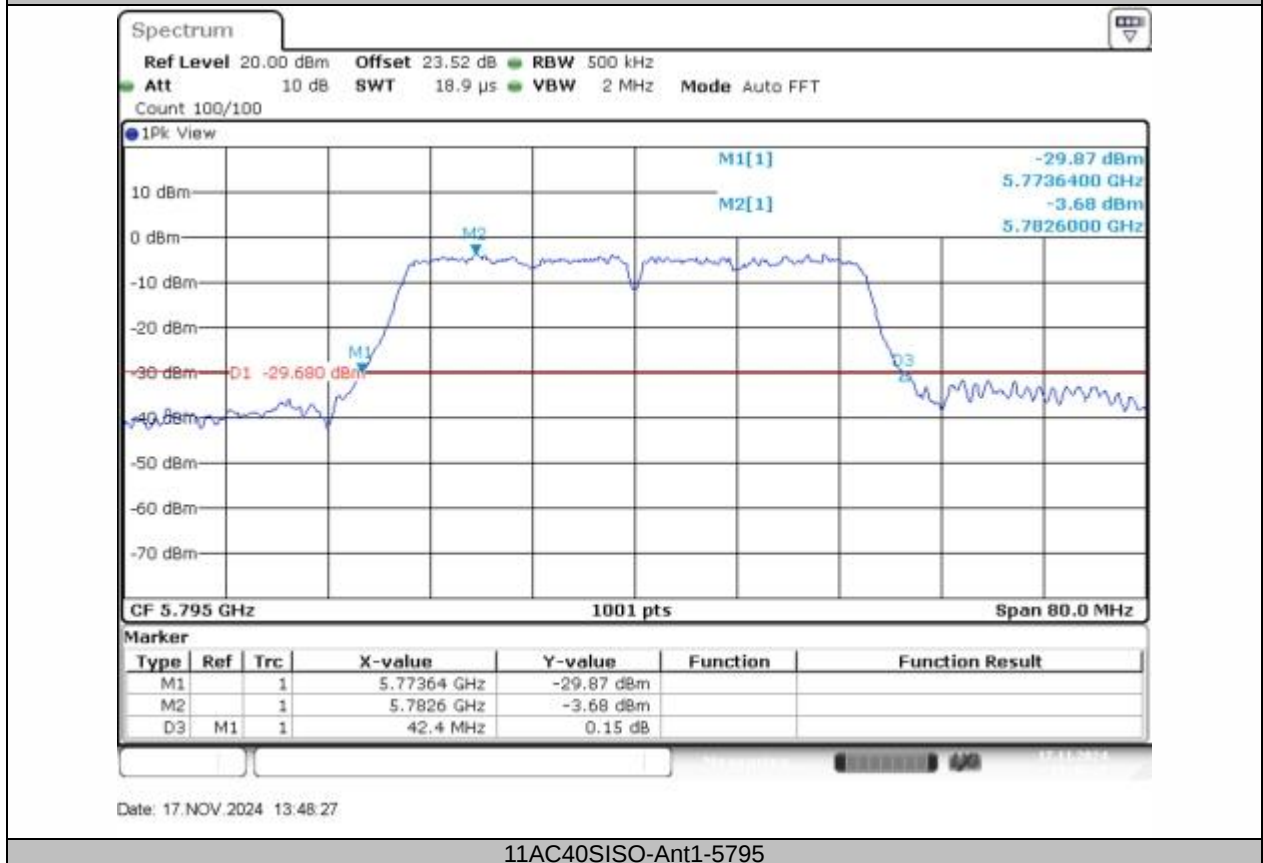


Date: 17.NOV.2024 12:07:26

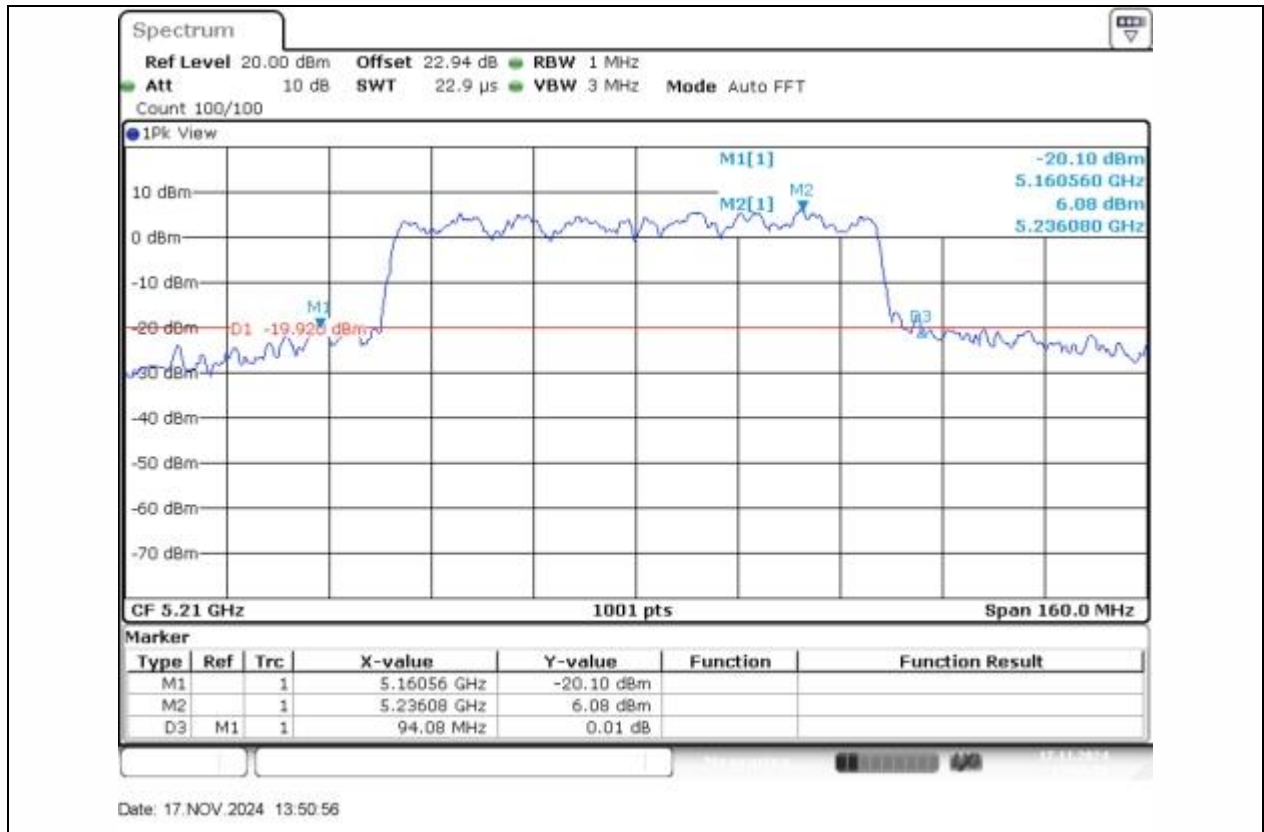
11AC40SISO-Ant1-5230



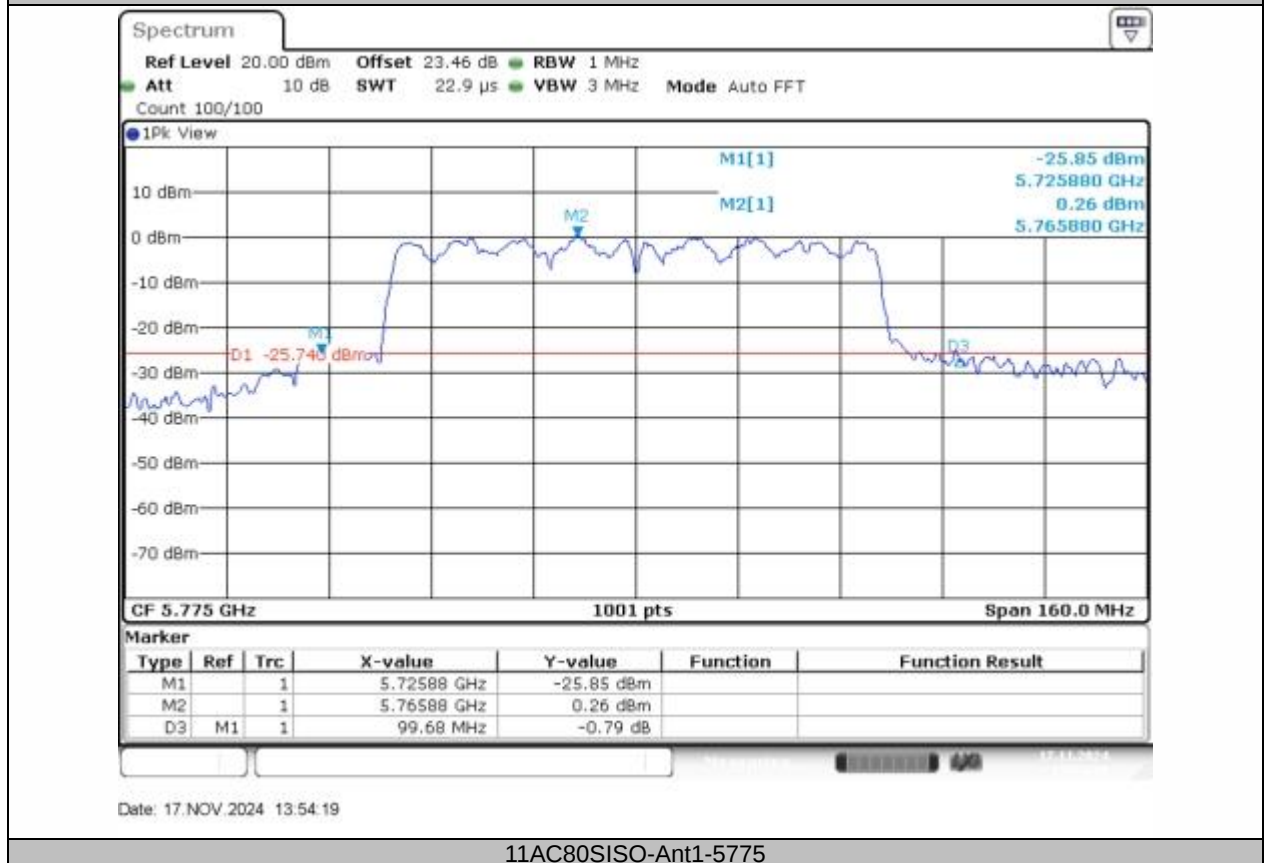
11AC40SISO-Ant1-5755



11AC40SISO-Ant1-5795



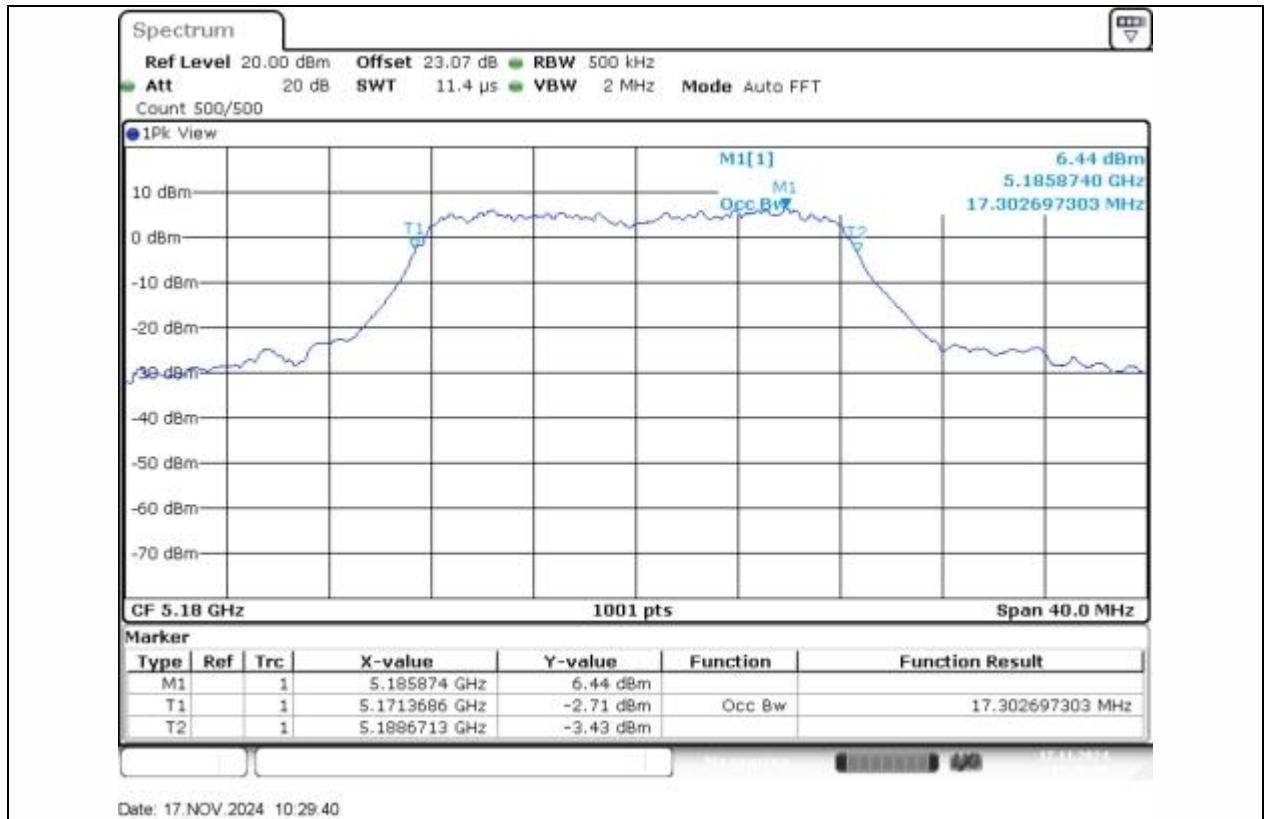
11AC80SISO-Ant1-5210



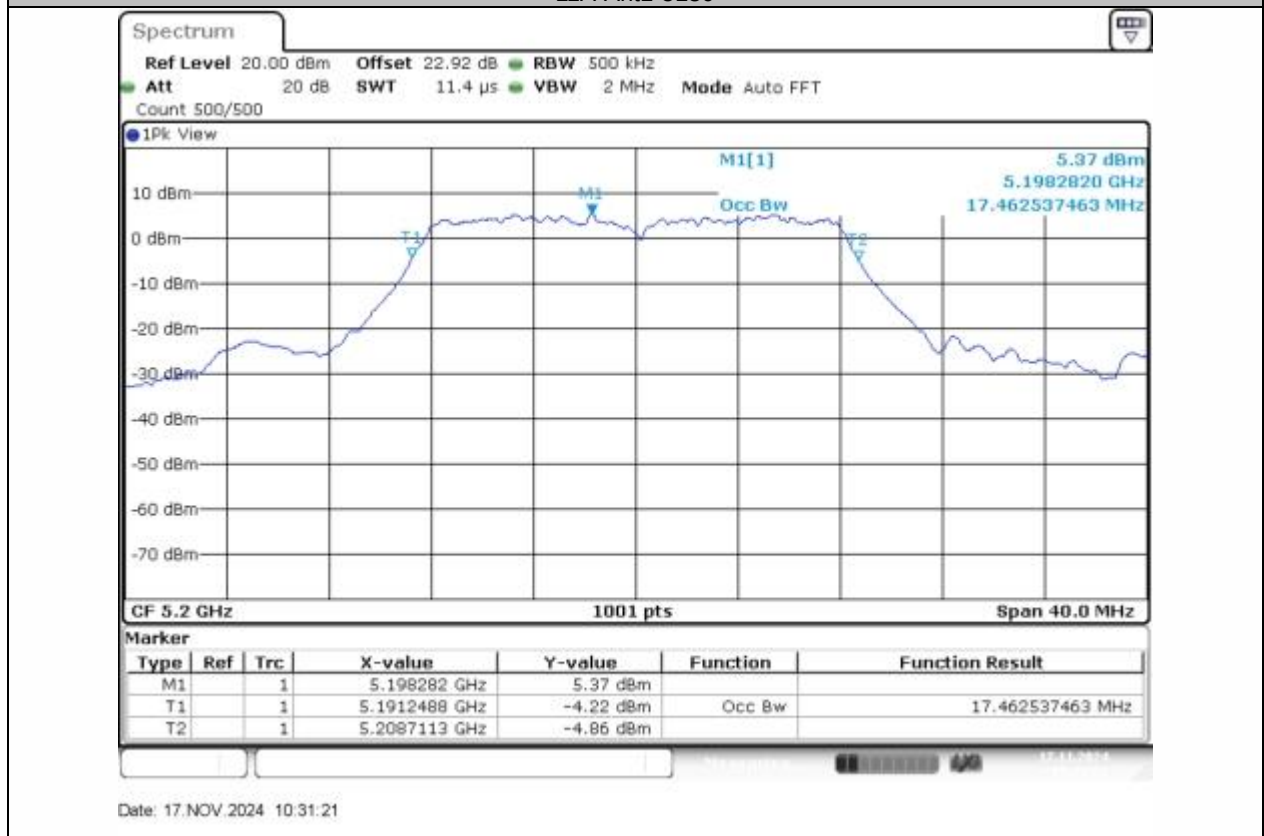
11AC80SISO-Ant1-5775

Occupied channel bandwidth (99%)

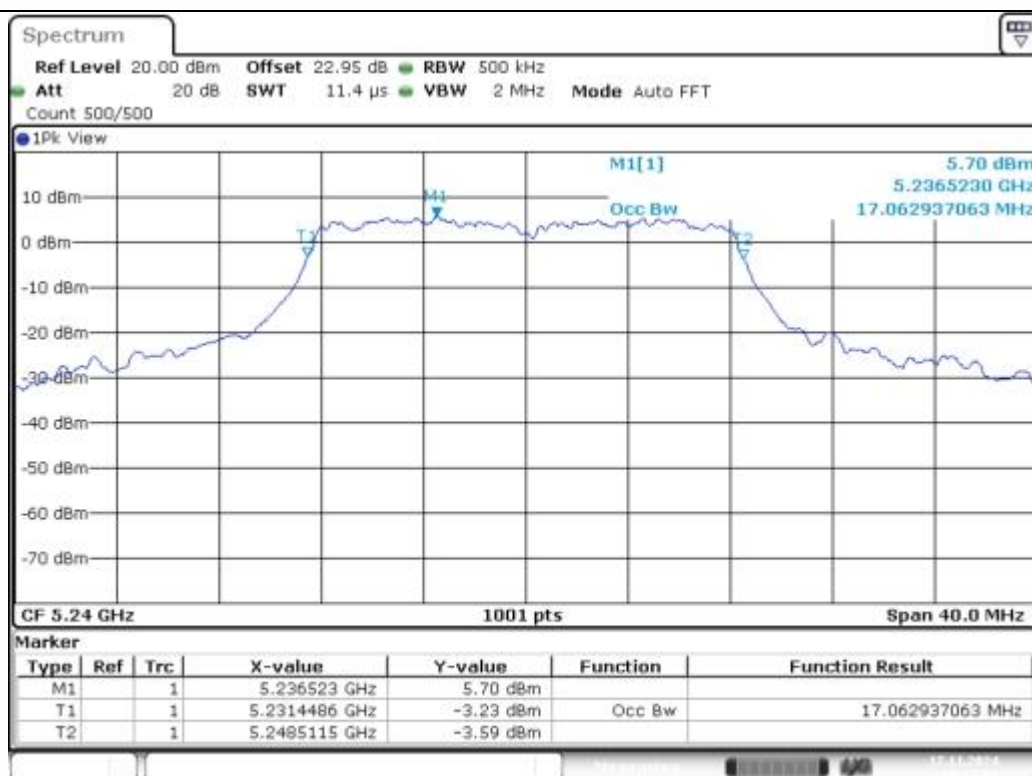
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.303	5171.3686	5188.6713	---	---
11A	Ant1	5200	17.463	5191.2488	5208.7113	---	---
11A	Ant1	5240	17.063	5231.4486	5248.5115	---	---
11A	Ant1	5745	18.062	5736.0090	5754.0709	---	---
11A	Ant1	5785	17.742	5776.0889	5793.8312	---	---
11A	Ant1	5825	17.383	5816.3287	5833.7113	---	---
11N20SISO	Ant1	5180	18.182	5170.9690	5189.1508	---	---
11N20SISO	Ant1	5200	18.182	5190.9291	5209.1109	---	---
11N20SISO	Ant1	5240	18.422	5230.7293	5249.1508	---	---
11N20SISO	Ant1	5745	18.342	5735.8092	5754.1508	---	---
11N20SISO	Ant1	5785	18.501	5775.7293	5794.2308	---	---
11N20SISO	Ant1	5825	18.302	5815.9291	5834.2308	---	---
11N40SISO	Ant1	5190	36.843	5171.5385	5208.3816	---	---
11N40SISO	Ant1	5230	36.763	5211.6983	5248.4615	---	---
11N40SISO	Ant1	5755	37.483	5736.5385	5774.0210	---	---
11N40SISO	Ant1	5795	37.163	5776.3786	5813.5415	---	---
11AC20SISO	Ant1	5180	18.382	5170.7293	5189.1109	---	---
11AC20SISO	Ant1	5200	18.342	5190.8492	5209.1908	---	---
11AC20SISO	Ant1	5240	18.302	5230.8492	5249.1508	---	---
11AC20SISO	Ant1	5745	18.501	5735.8092	5754.3107	---	---
11AC20SISO	Ant1	5785	18.382	5775.7692	5794.1508	---	---
11AC20SISO	Ant1	5825	18.861	5815.9291	5834.7902	---	---
11AC40SISO	Ant1	5190	37.323	5171.6184	5208.9411	---	---
11AC40SISO	Ant1	5230	36.523	5211.7782	5248.3017	---	---
11AC40SISO	Ant1	5755	36.843	5736.6184	5773.4615	---	---
11AC40SISO	Ant1	5795	37.962	5775.9790	5813.9411	---	---
11AC80SISO	Ant1	5210	76.084	5172.1179	5248.2018	---	---
11AC80SISO	Ant1	5775	77.842	5736.1588	5814.0010	---	---



11A-Ant1-5180

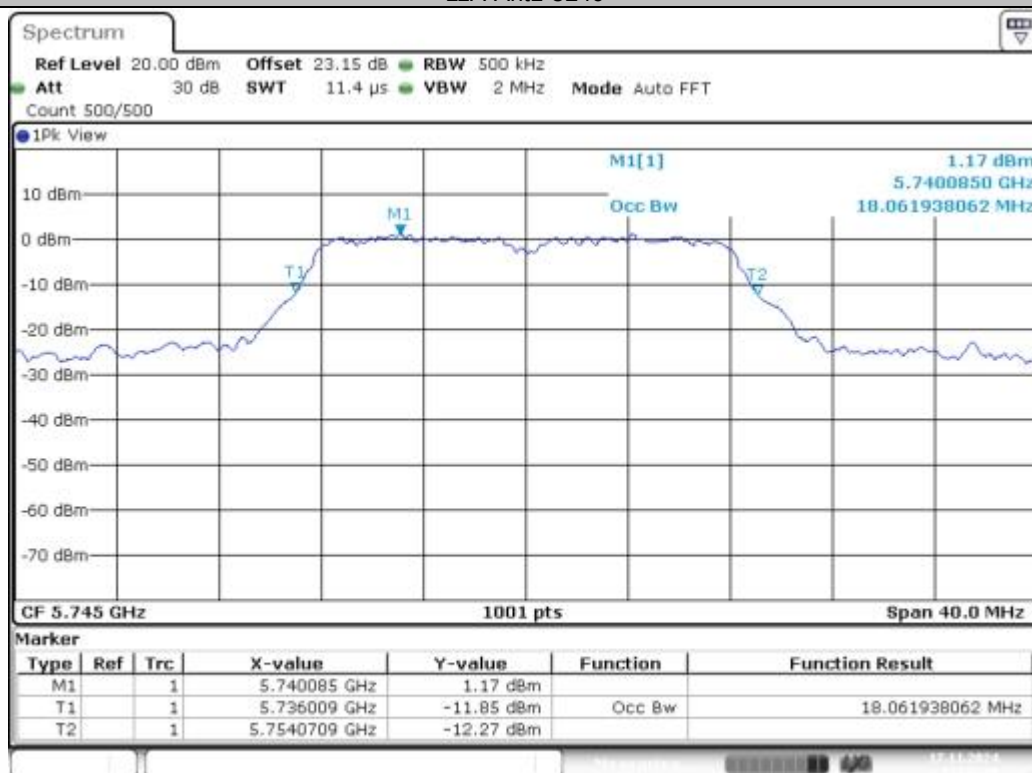


11A-Ant1-5200



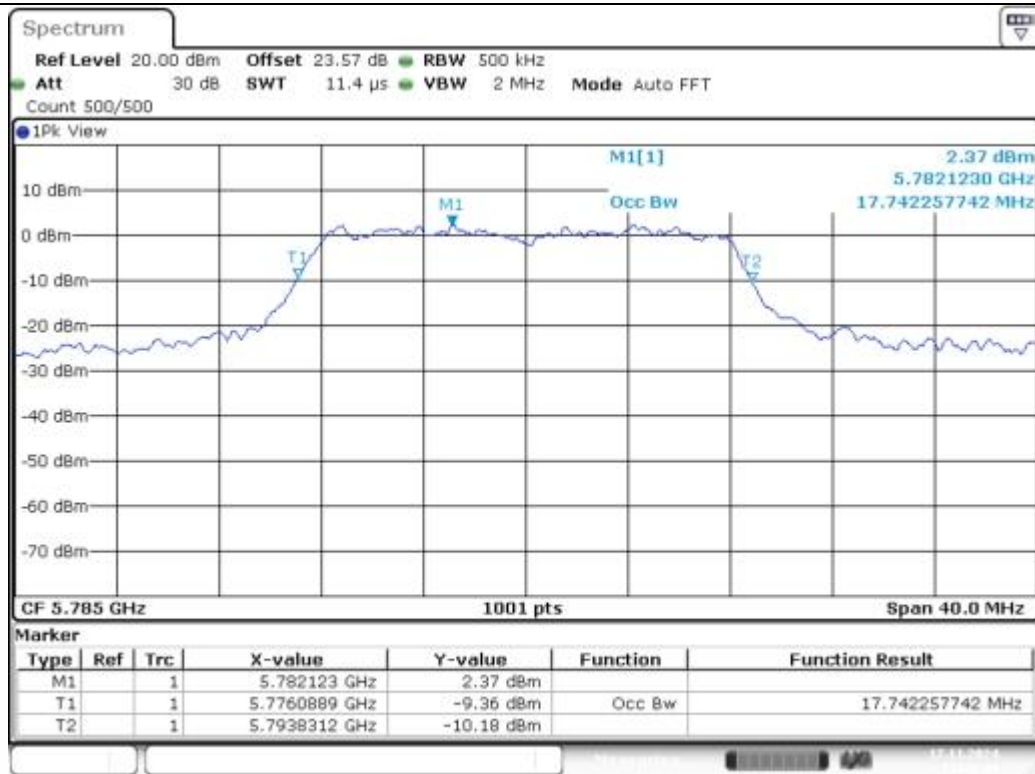
Date: 17.NOV.2024 10:33:00

11A-Ant1-5240



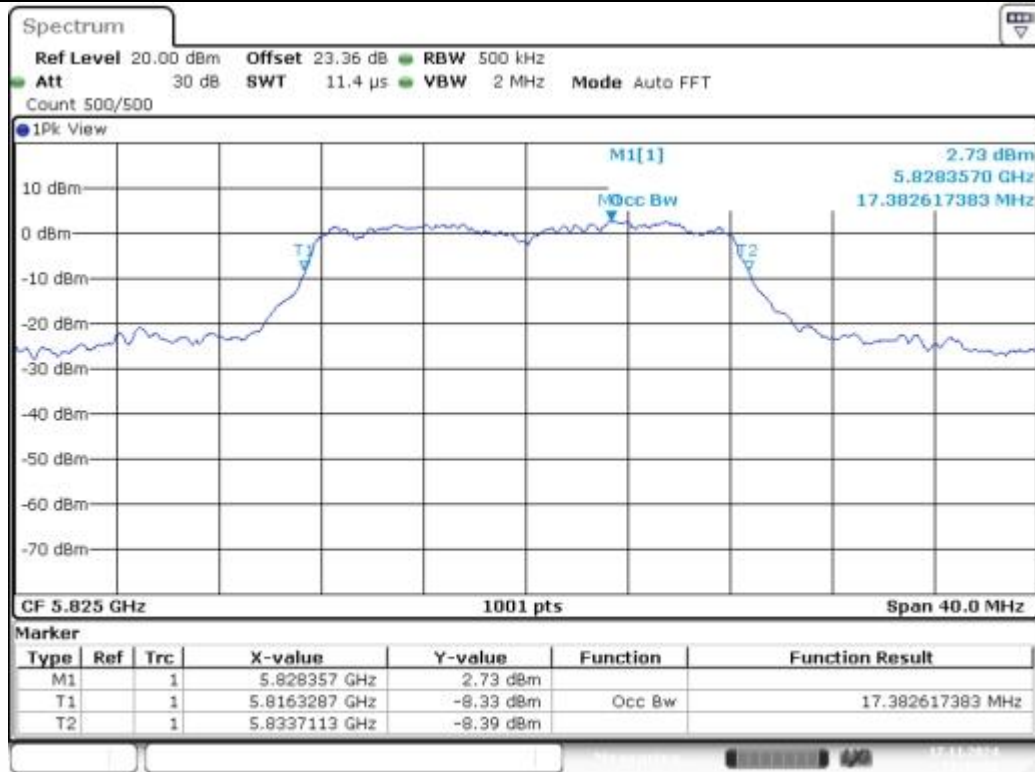
Date: 17.NOV.2024 11:05:40

11A-Ant1-5745



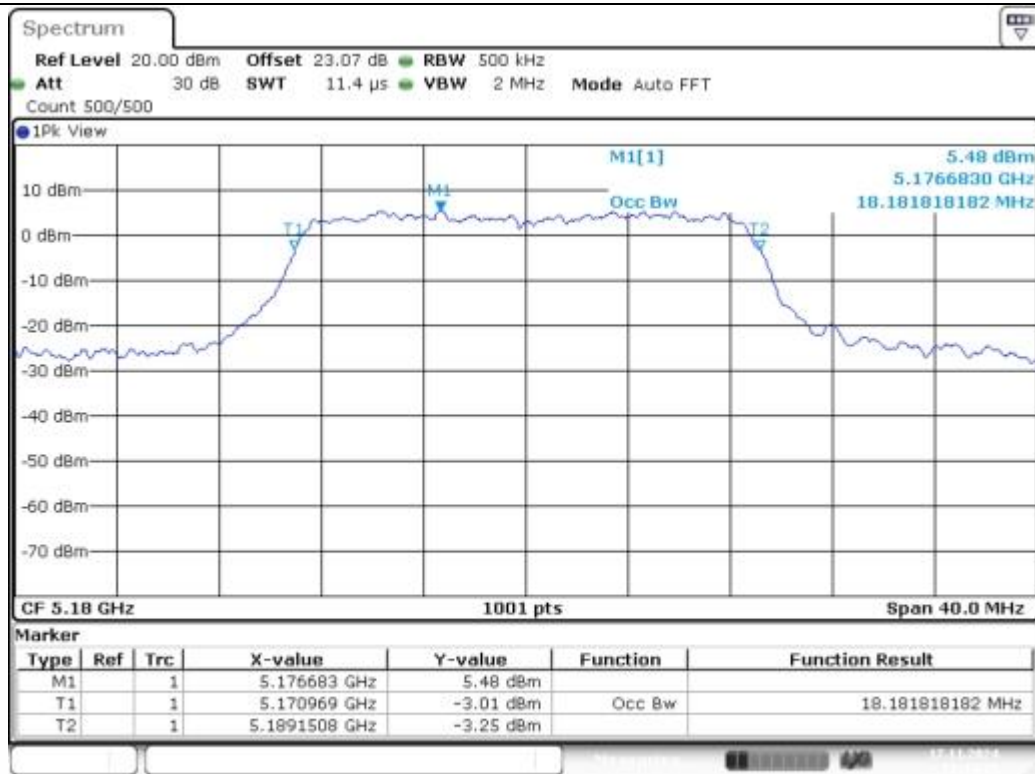
Date: 17.NOV.2024 11:08:49

11A-Ant1-5785



Date: 17.NOV.2024 11:12:12

11A-Ant1-5825



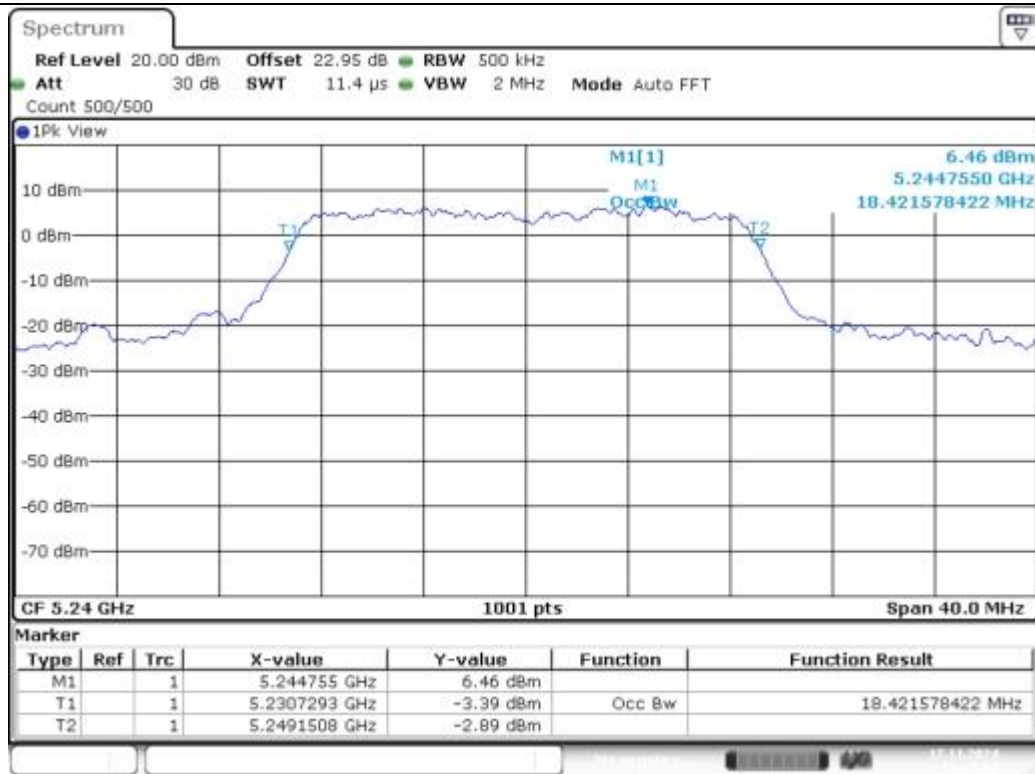
Date: 17.NOV.2024 11:14:16

11N20SISO-Ant1-5180



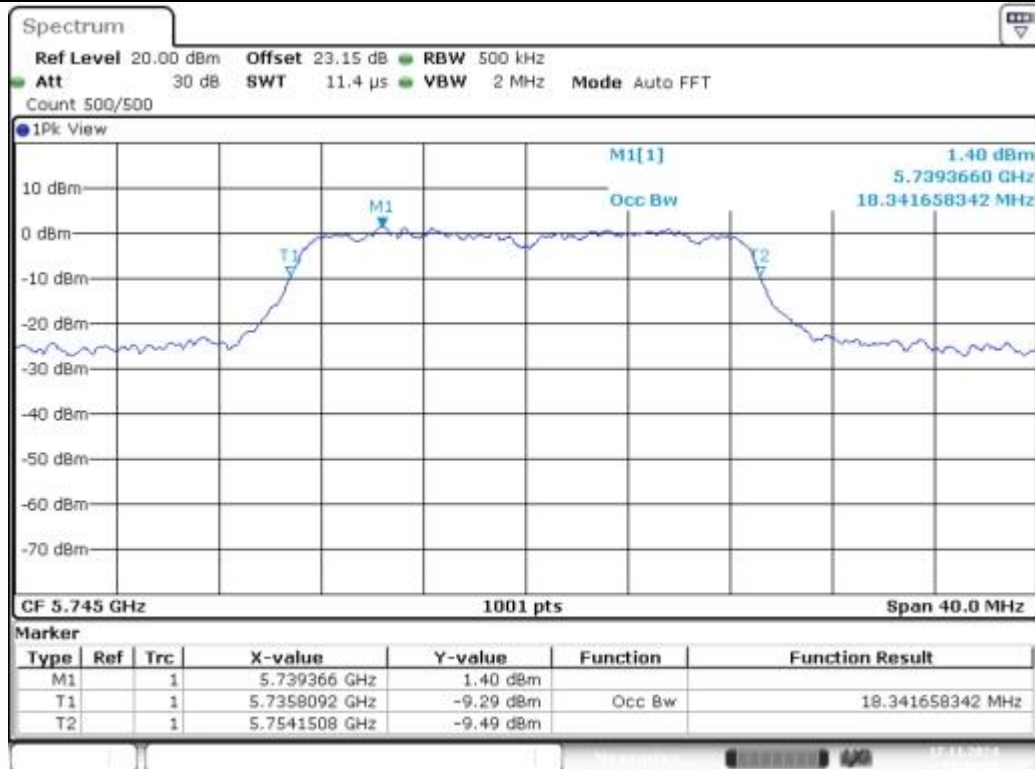
Date: 17.NOV.2024 11:25:47

11N20SISO-Ant1-5200



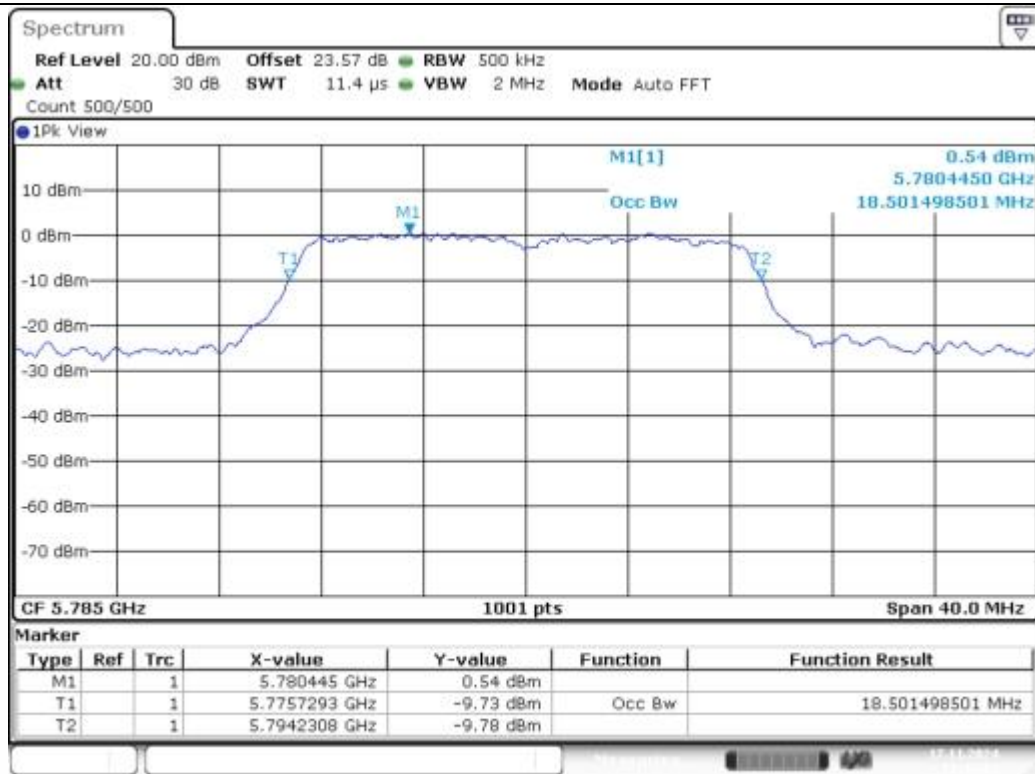
Date: 17.NOV.2024 11:27:07

11N20SISO-Ant1-5240



Date: 17.NOV.2024 11:30:11

11N20SISO-Ant1-5745



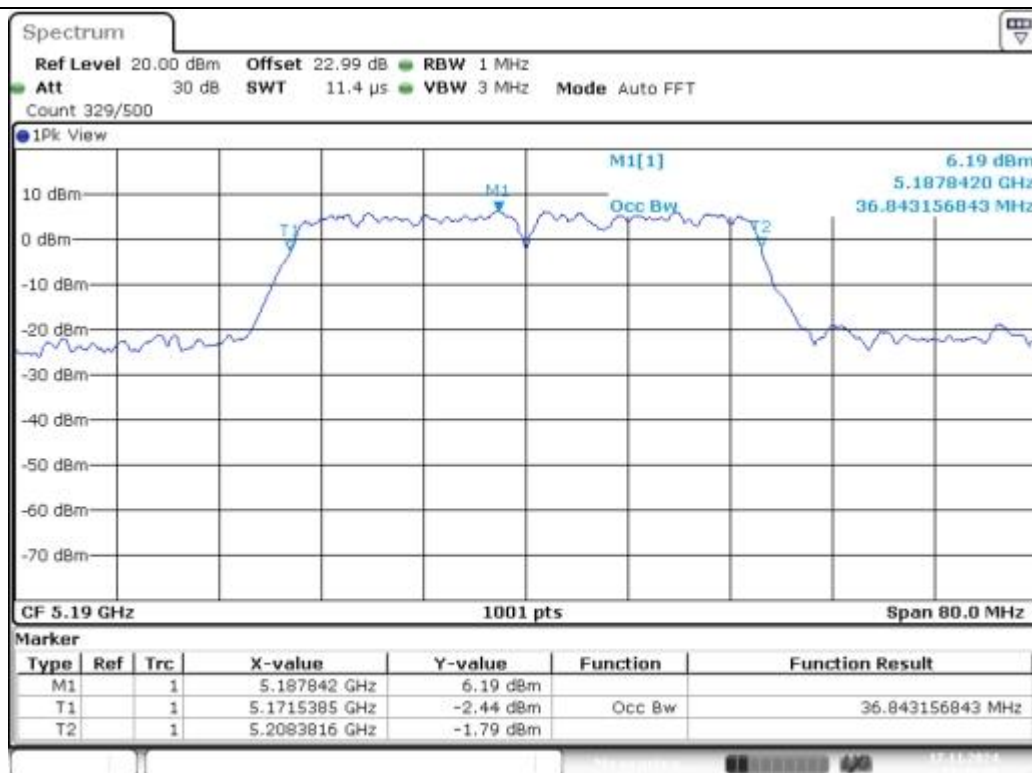
Date: 17.NOV.2024 11:33:13

11N20SISO-Ant1-5785



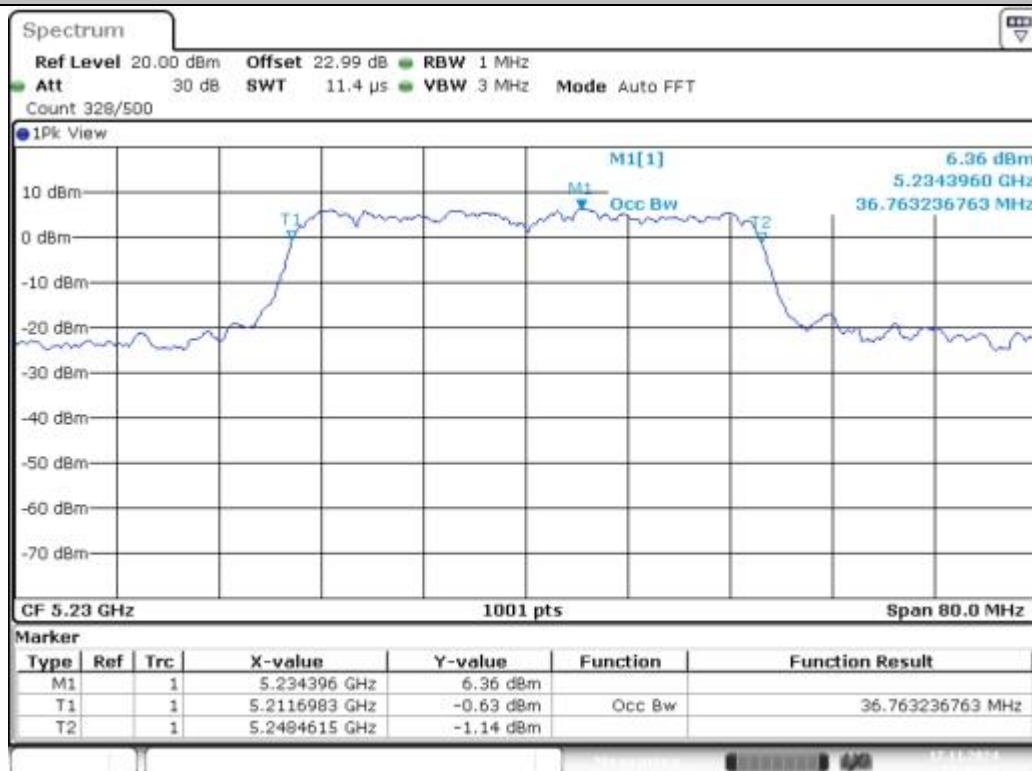
Date: 17.NOV.2024 11:35:15

11N20SISO-Ant1-5825



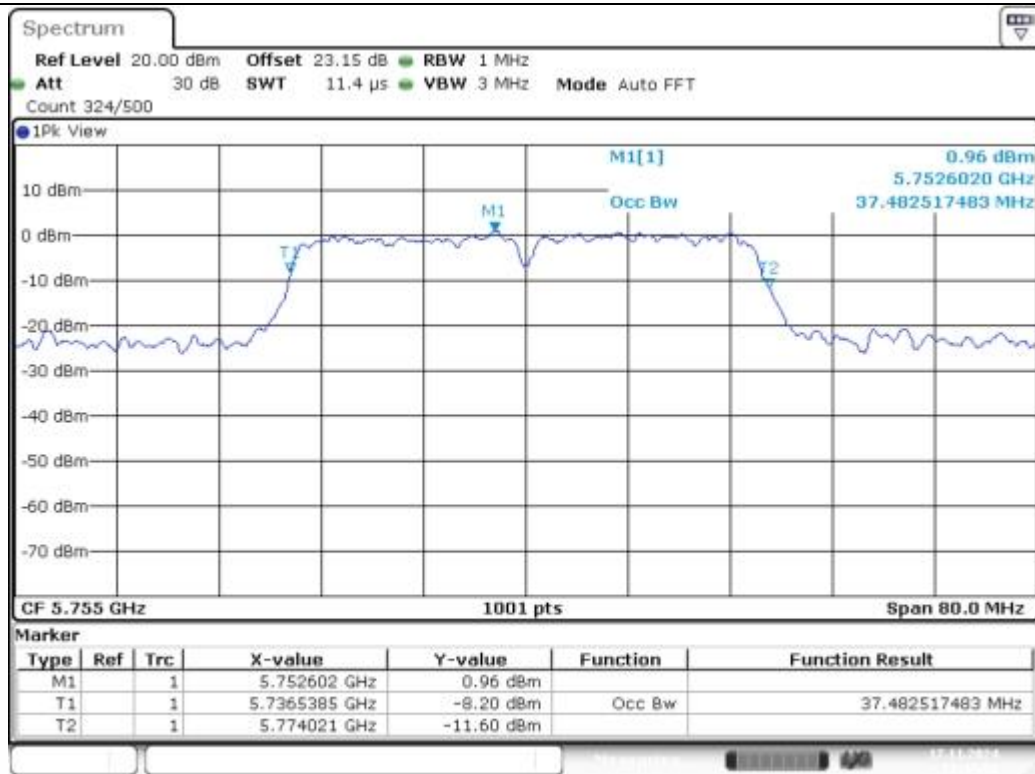
Date: 17.NOV.2024 11:38:28

11N40SISO-Ant1-5190



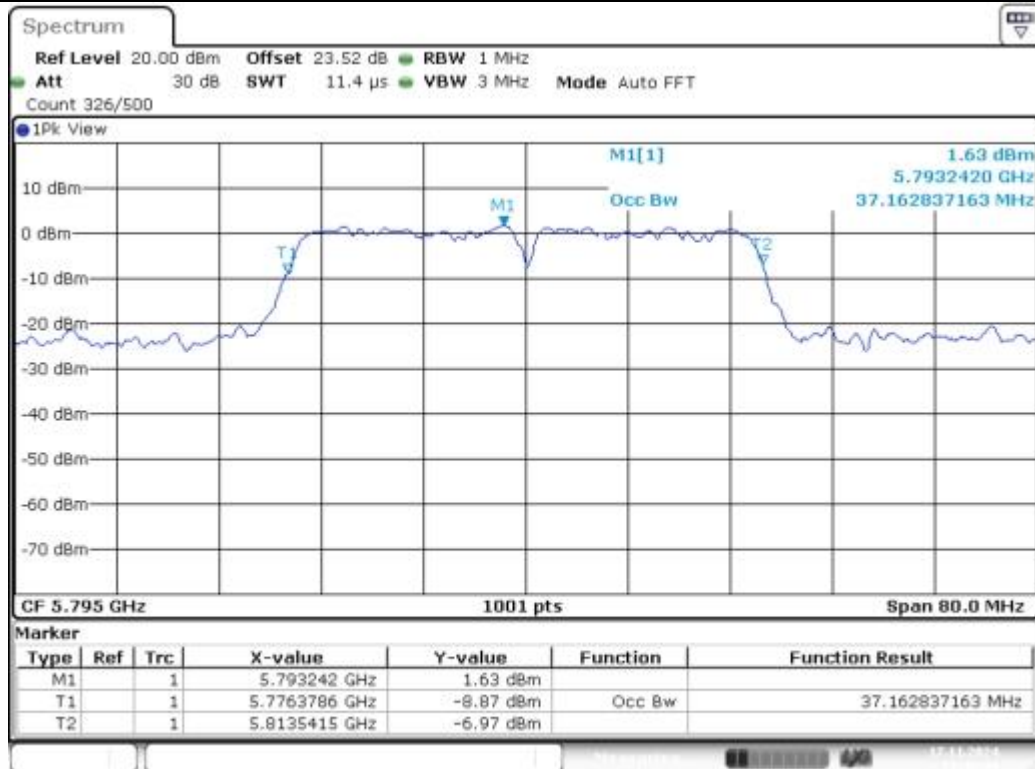
Date: 17.NOV.2024 11:41:37

11N40SISO-Ant1-5230



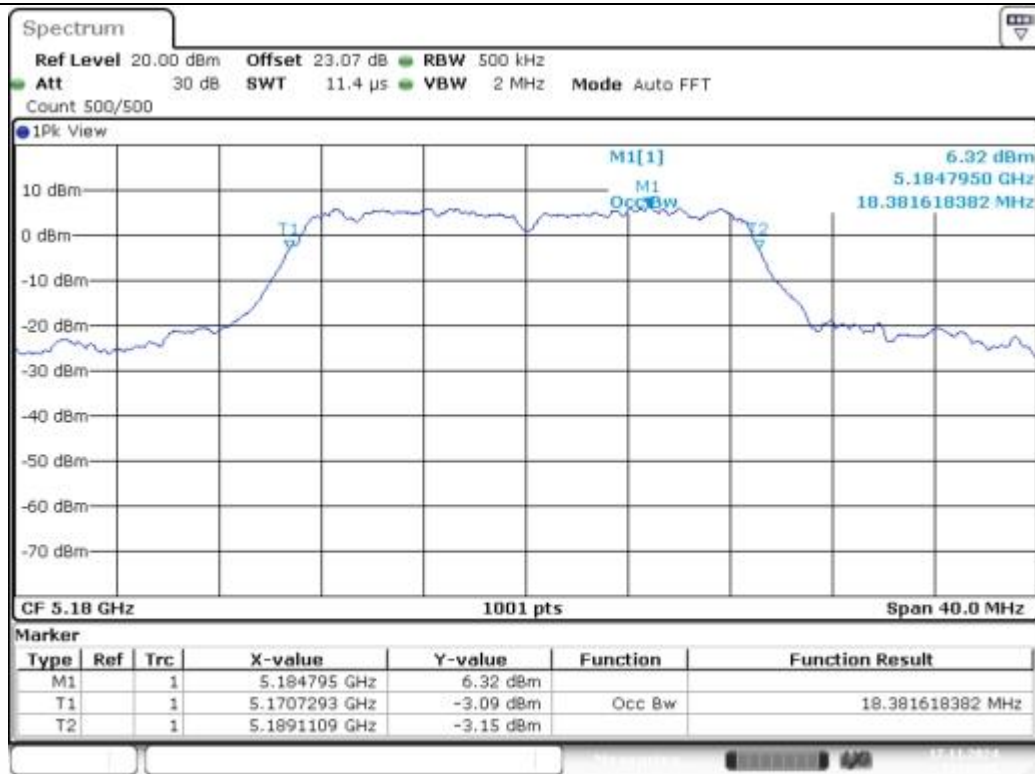
Date: 17.NOV.2024 11:45:52

11N40SISO-Ant1-5755



Date: 17.NOV.2024 11:49:40

11N40SISO-Ant1-5795



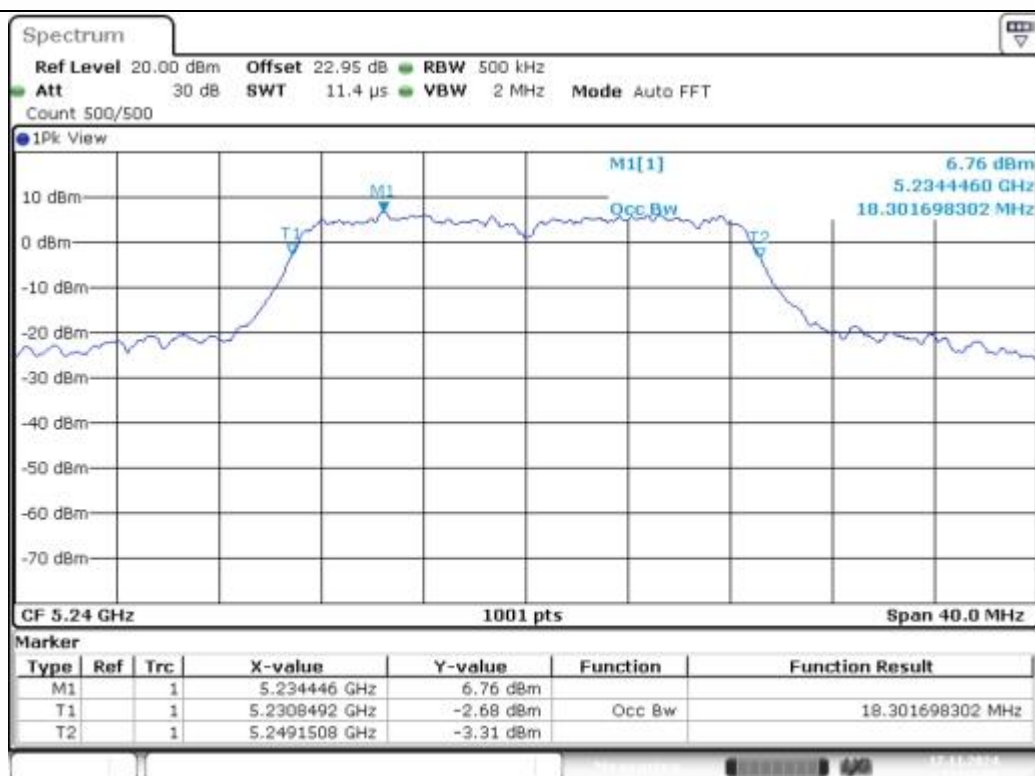
Date: 17.NOV.2024 11:52:45

11AC20SISO-Ant1-5180



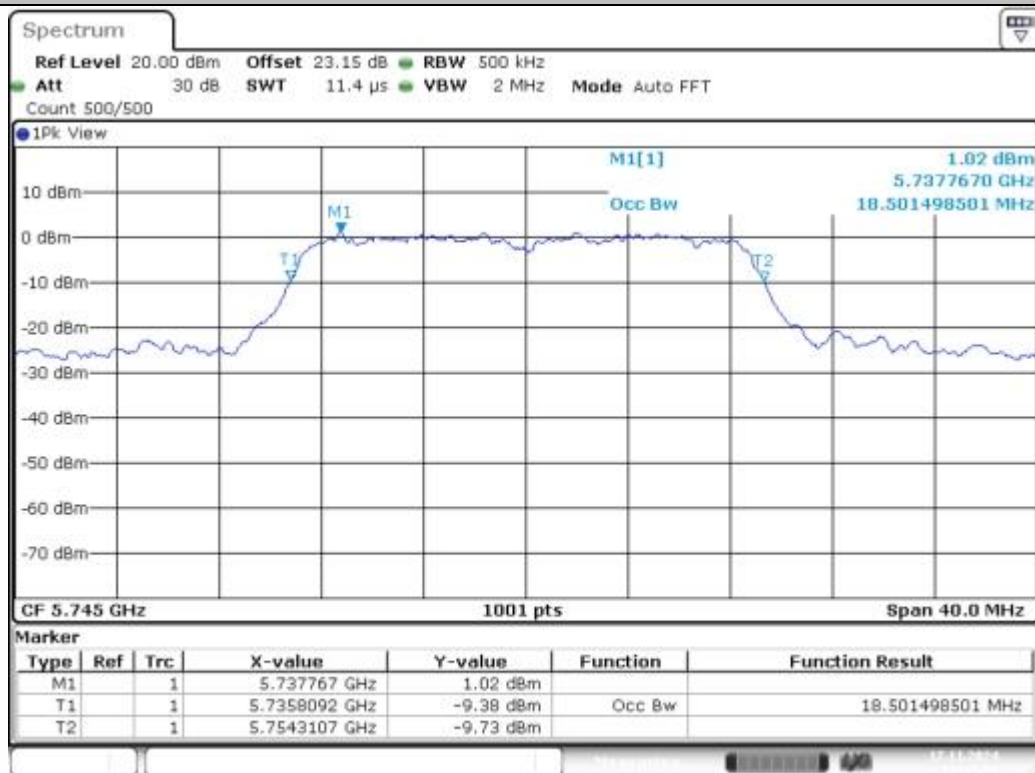
Date: 17.NOV.2024 11:54:28

11AC20SISO-Ant1-5200



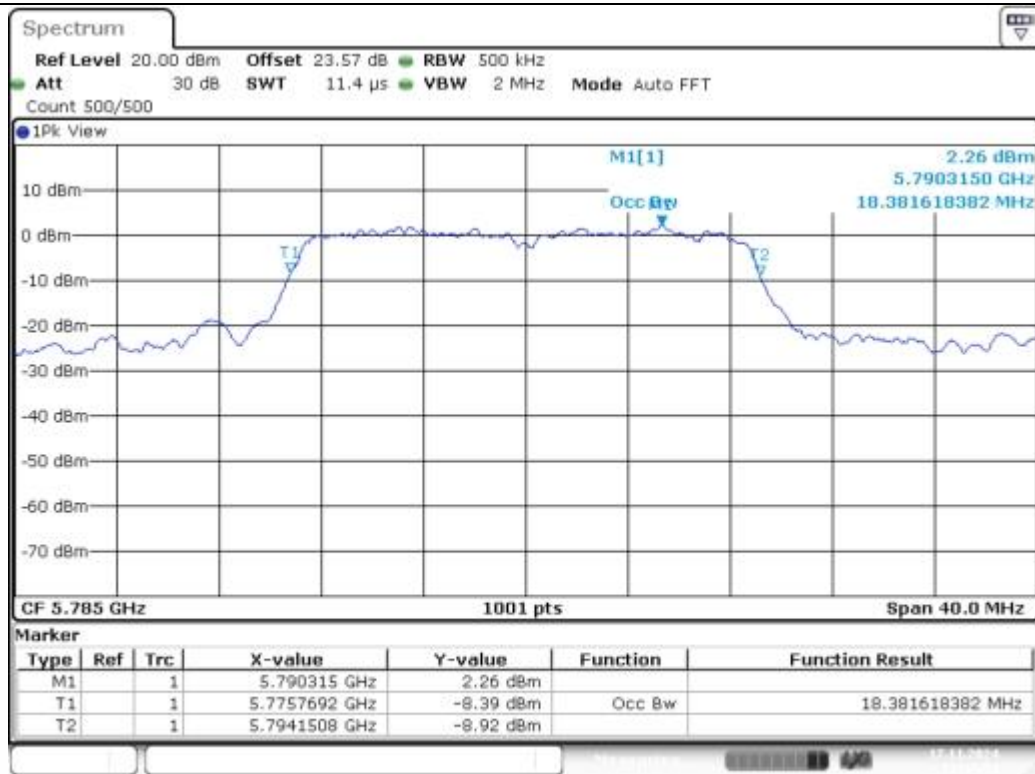
Date: 17.NOV.2024 11:55:55

11AC20SISO-Ant1-5240



Date: 17.NOV.2024 11:57:58

11AC20SISO-Ant1-5745



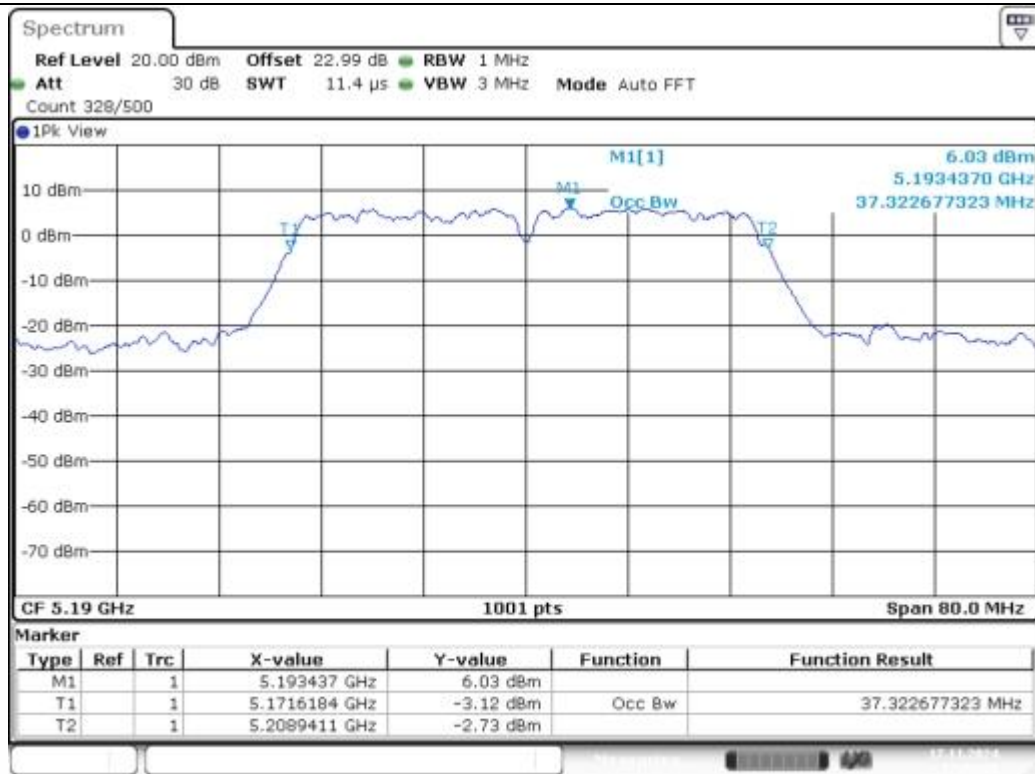
Date: 17.NOV.2024 11:59:54

11AC20SISO-Ant1-5785

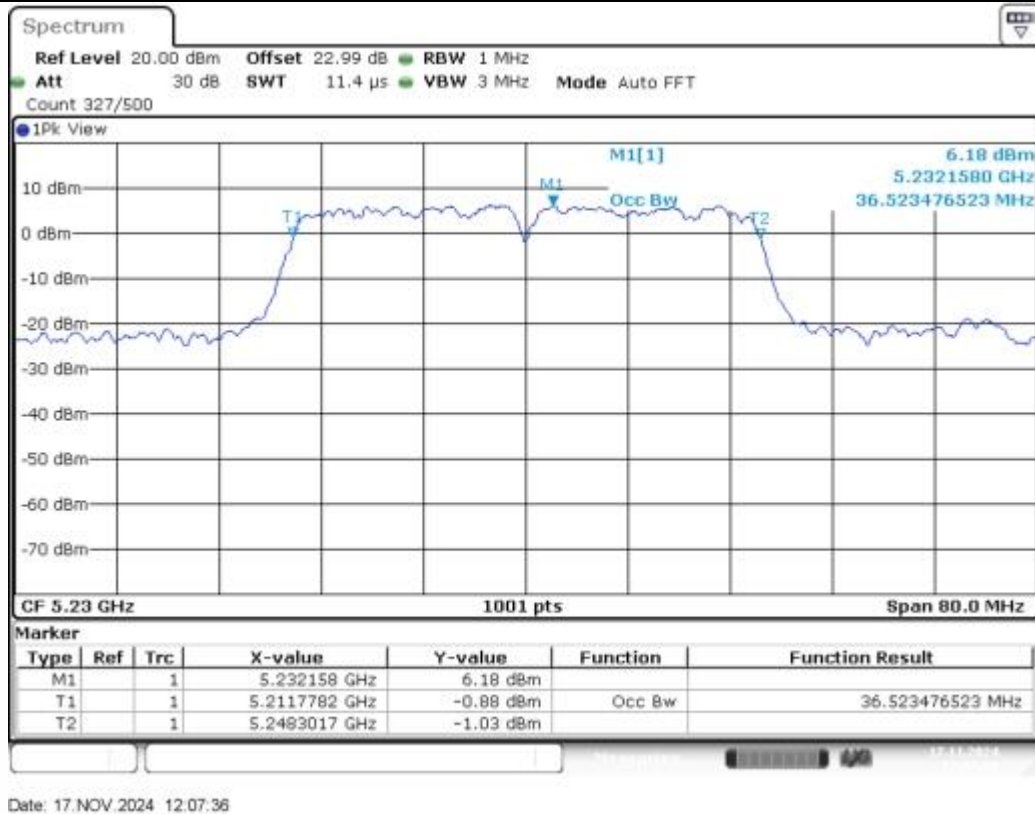


Date: 17.NOV.2024 12:02:15

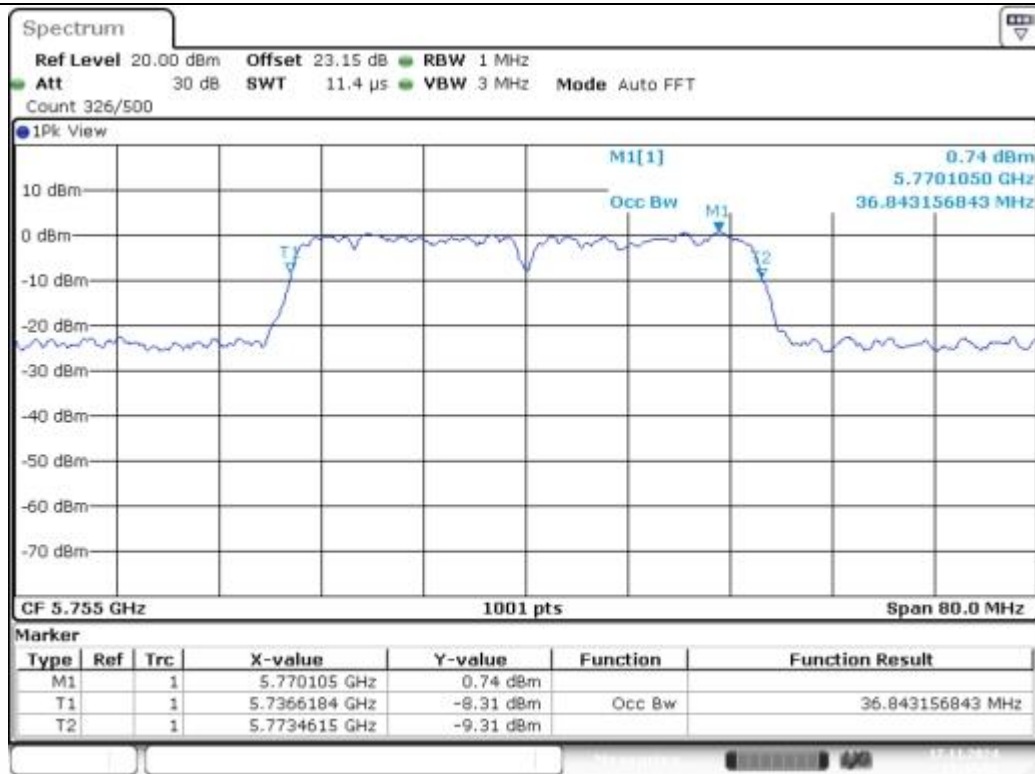
11AC20SISO-Ant1-5825



11AC40SISO-Ant1-5190

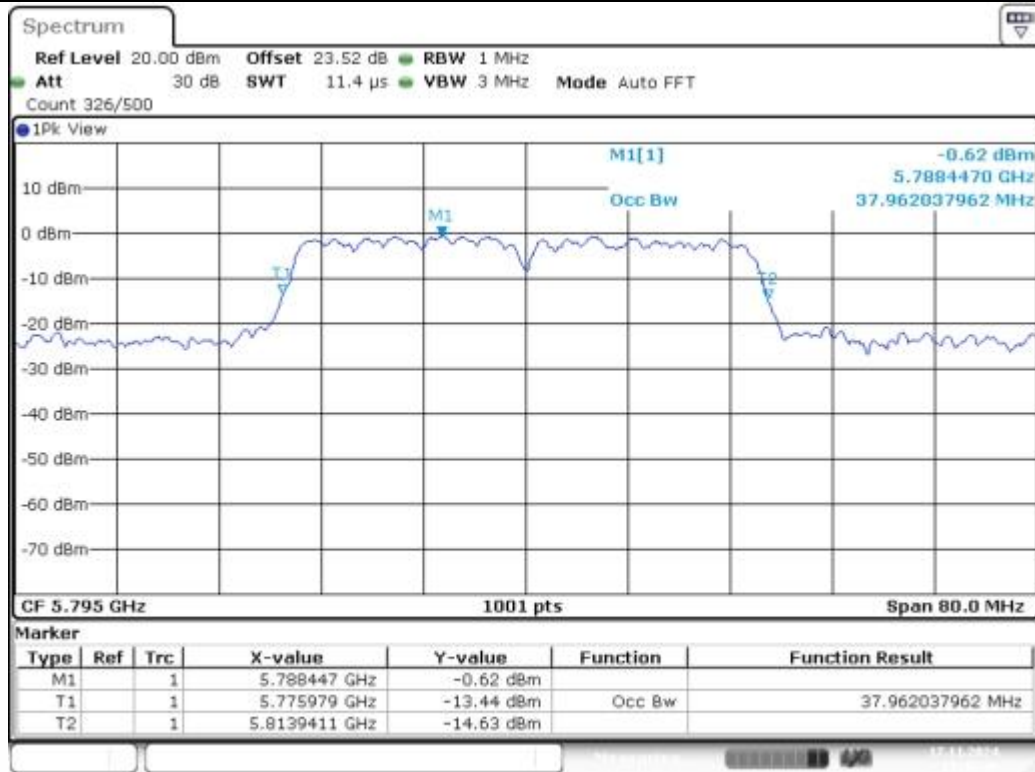


11AC40SISO-Ant1-5230



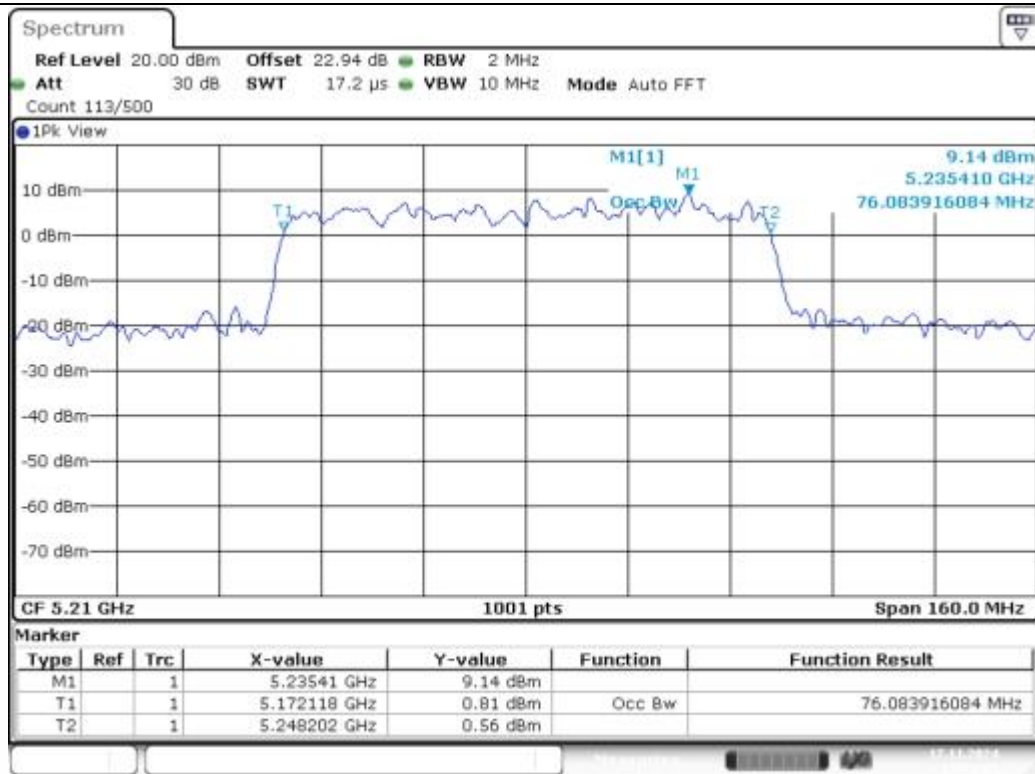
Date: 17.NOV.2024 13:45:51

11AC40SISO-Ant1-5755



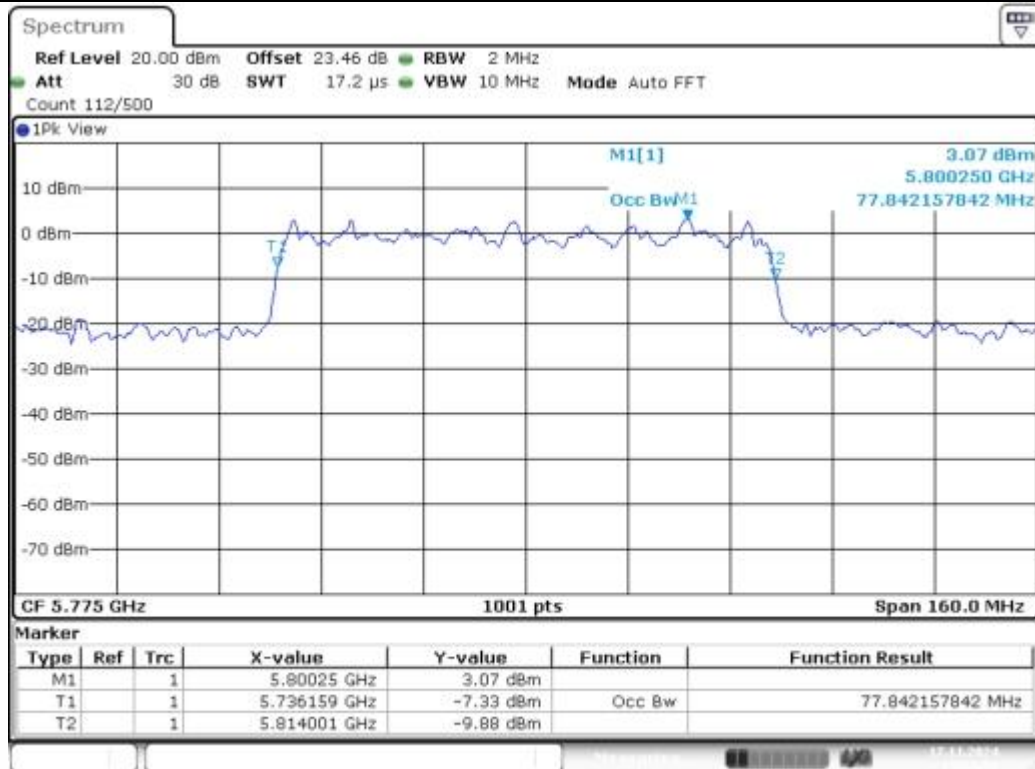
Date: 17.NOV.2024 13:48:47

11AC40SISO-Ant1-5795



Date: 17.NOV.2024 13:51:05

11AC80SISO-Ant1-5210

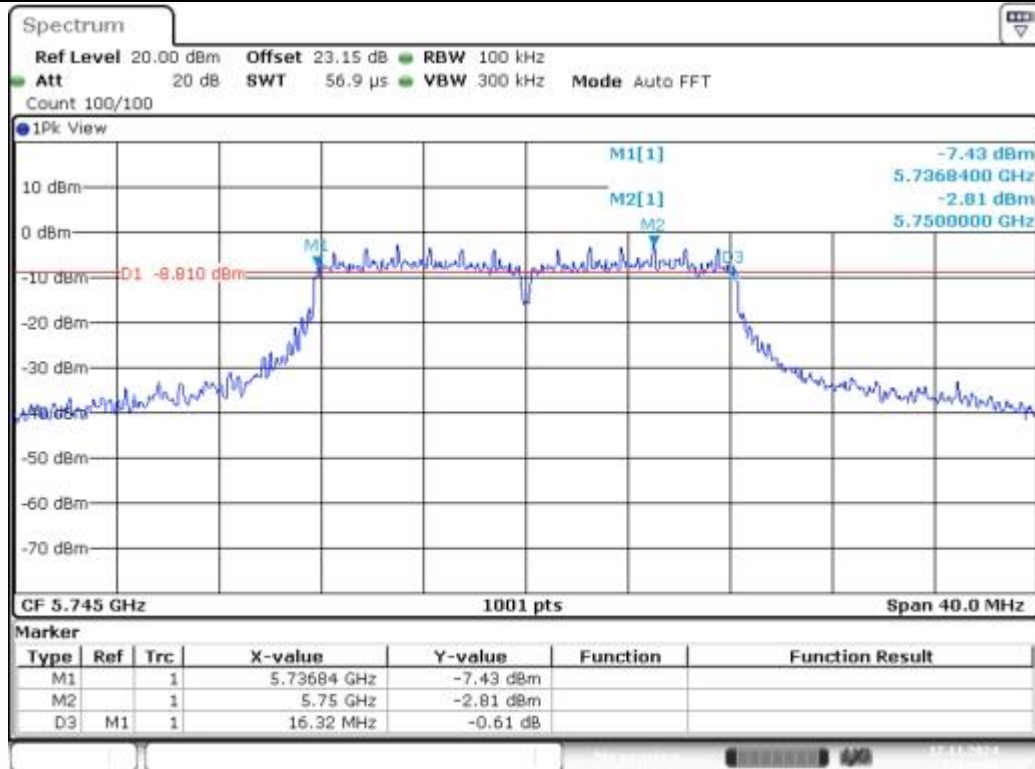


Date: 17.NOV.2024 13:54:38

11AC80SISO-Ant1-5775

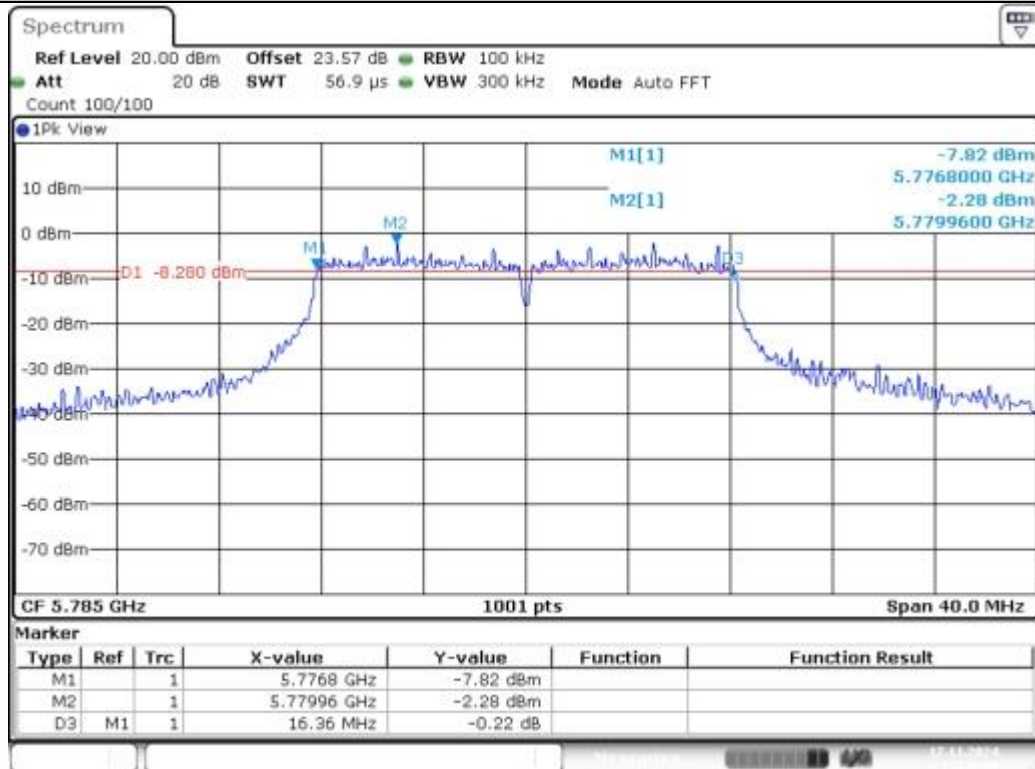
Min emission bandwidth (6db)

TestMode	Antenna	Frequency[MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	16.32	5736.84	5753.16	0.5	PASS
11A	Ant1	5785	16.36	5776.80	5793.16	0.5	PASS
11A	Ant1	5825	16.48	5816.72	5833.20	0.5	PASS
11N20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
11N20SISO	Ant1	5785	17.56	5776.20	5793.76	0.5	PASS
11N20SISO	Ant1	5825	17.52	5816.24	5833.76	0.5	PASS
11N40SISO	Ant1	5755	35.28	5737.48	5772.76	0.5	PASS
11N40SISO	Ant1	5795	35.36	5777.24	5812.60	0.5	PASS
11AC20SISO	Ant1	5745	17.56	5736.20	5753.76	0.5	PASS
11AC20SISO	Ant1	5785	17.32	5776.20	5793.52	0.5	PASS
11AC20SISO	Ant1	5825	17.60	5816.20	5833.80	0.5	PASS
11AC40SISO	Ant1	5755	35.36	5737.40	5772.76	0.5	PASS
11AC40SISO	Ant1	5795	35.52	5777.08	5812.60	0.5	PASS
11AC80SISO	Ant1	5775	75.20	5737.40	5812.60	0.5	PASS



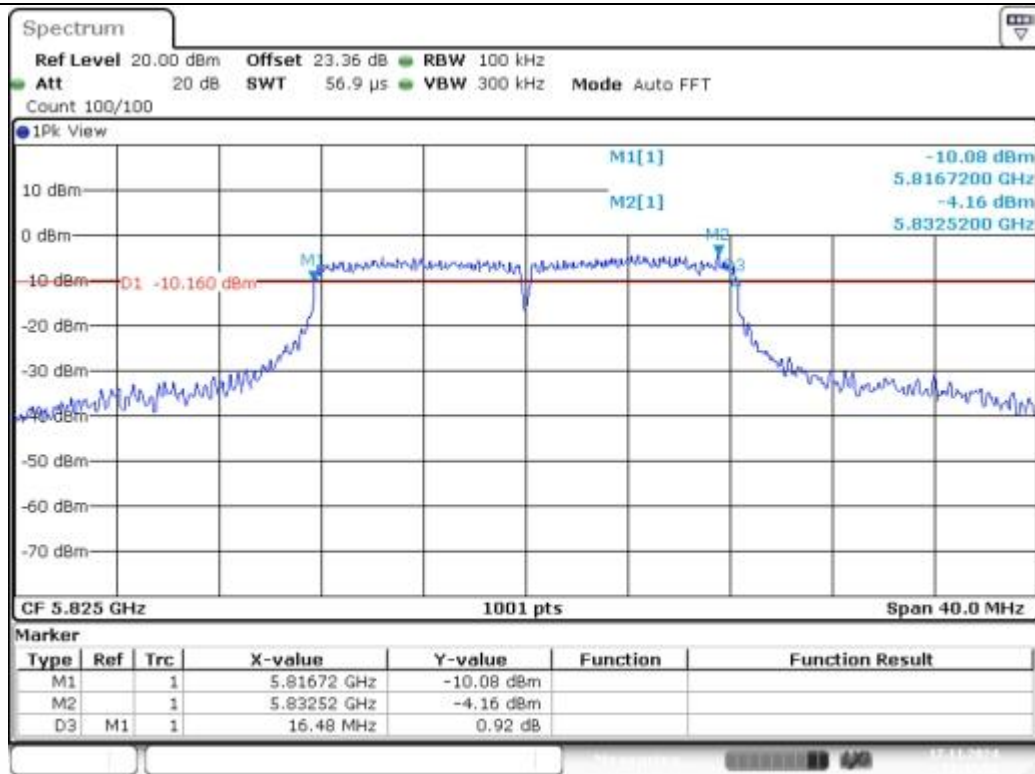
Date: 17.NOV.2024 11:05:30

11A-Ant1-5745-PASS



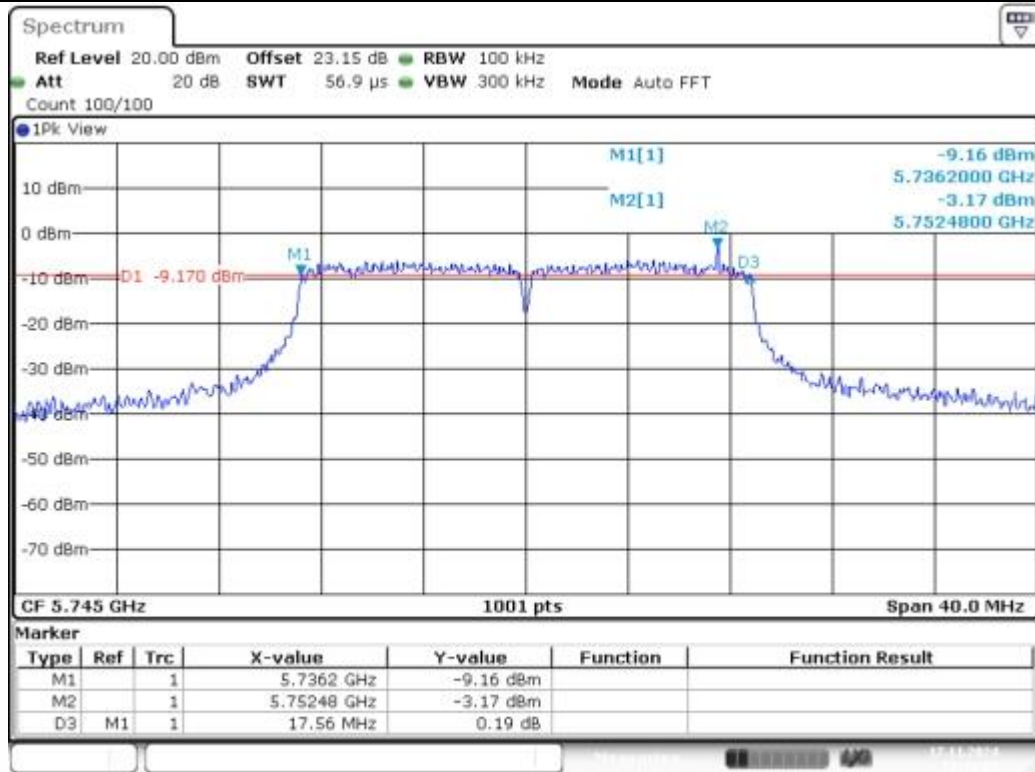
Date: 17.NOV.2024 11:08:39

11A-Ant1-5785-PASS



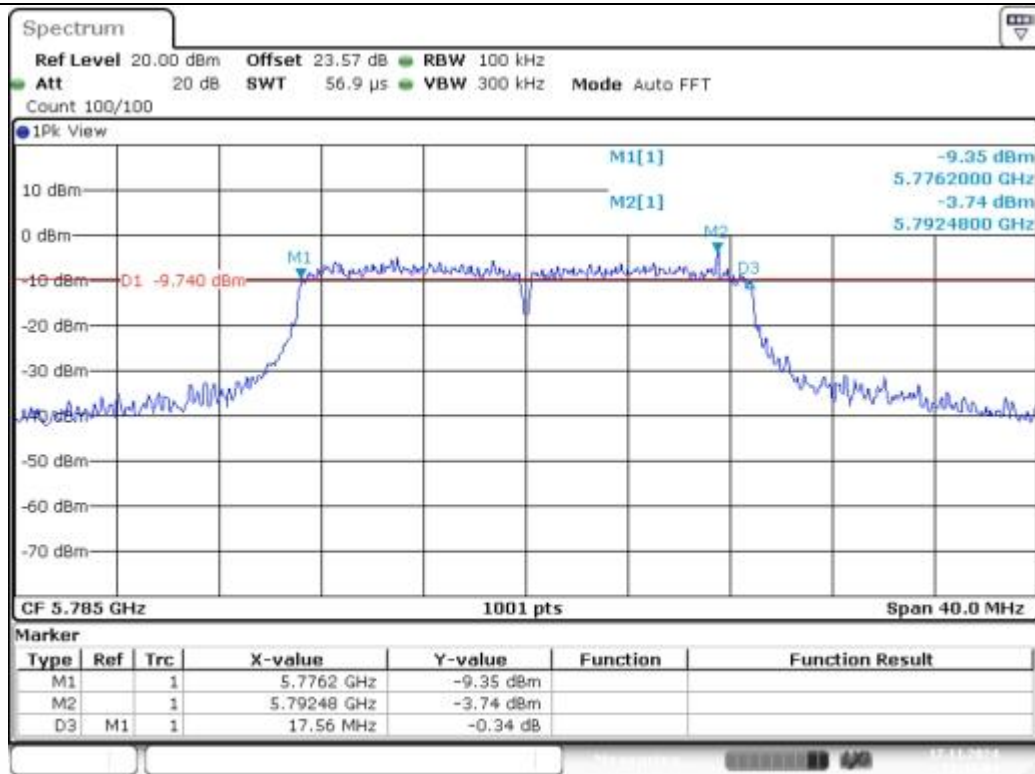
Date: 17.NOV.2024 11:12:03

11A-Ant1-5825-PASS



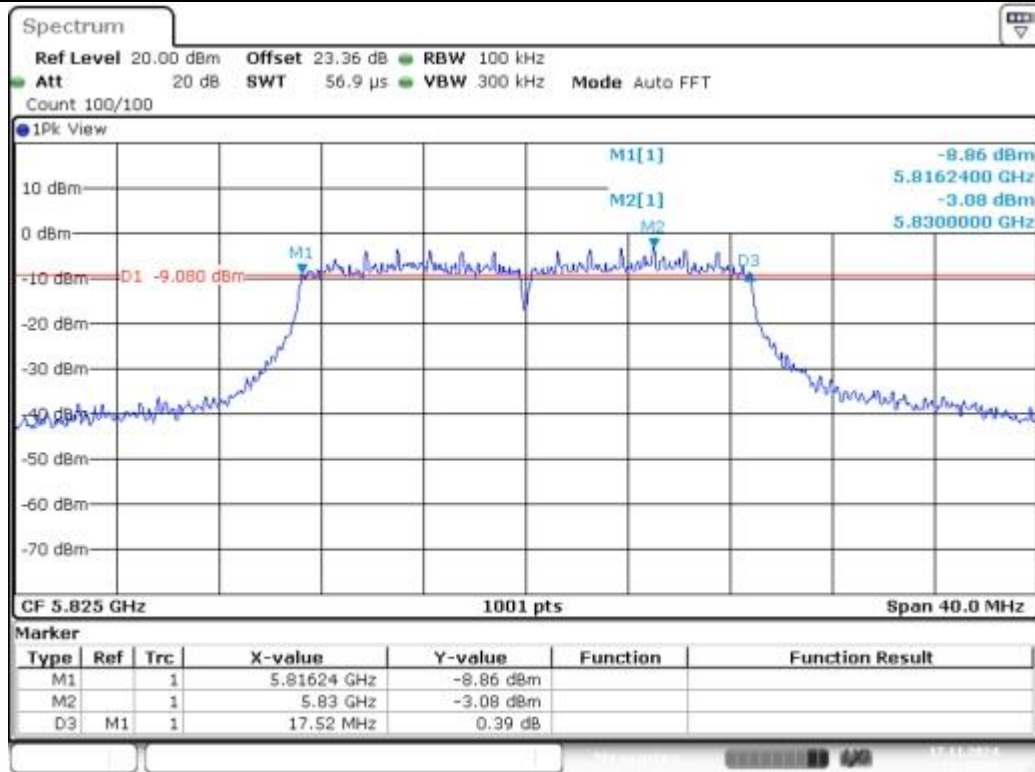
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11N20SISO-Ant1-5745-PASS



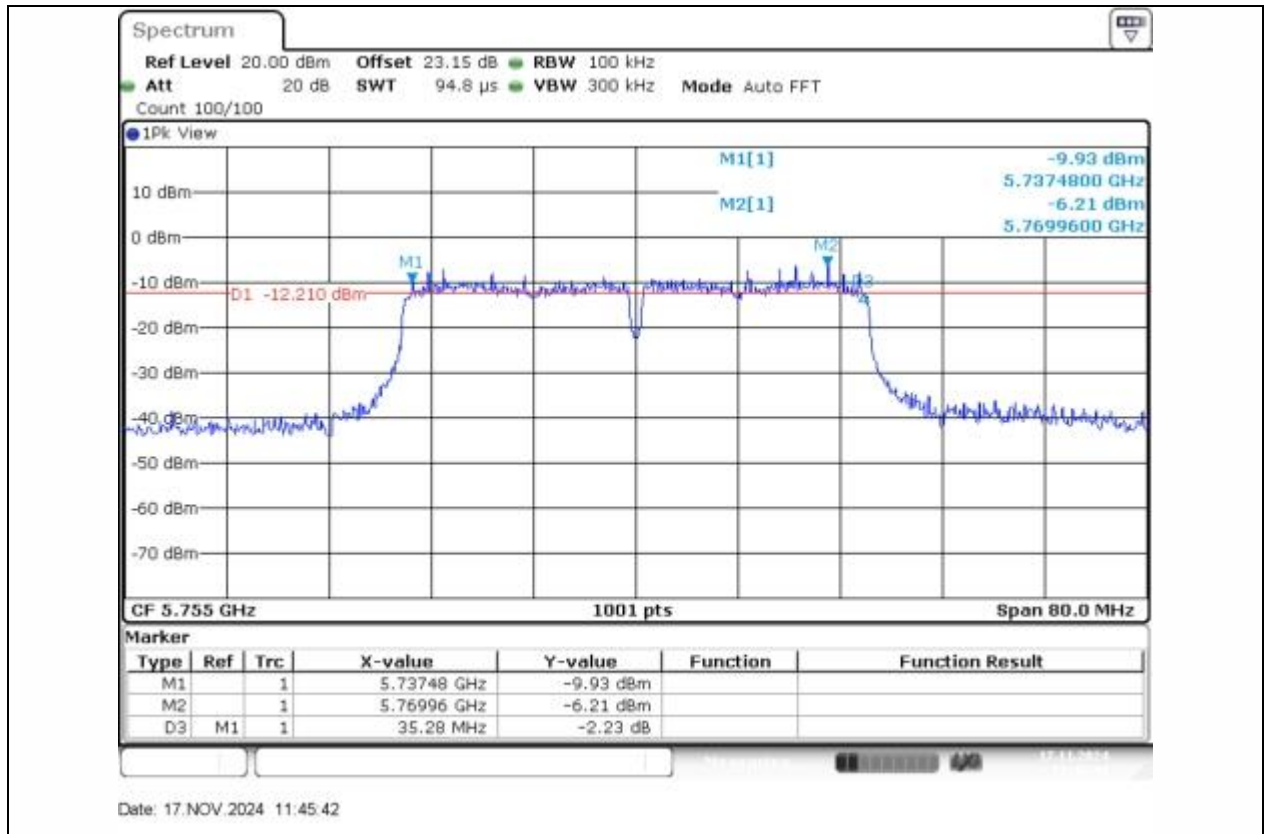
Date: 17.NOV.2024 11:33:04

11N20SISO-Ant1-5785-PASS

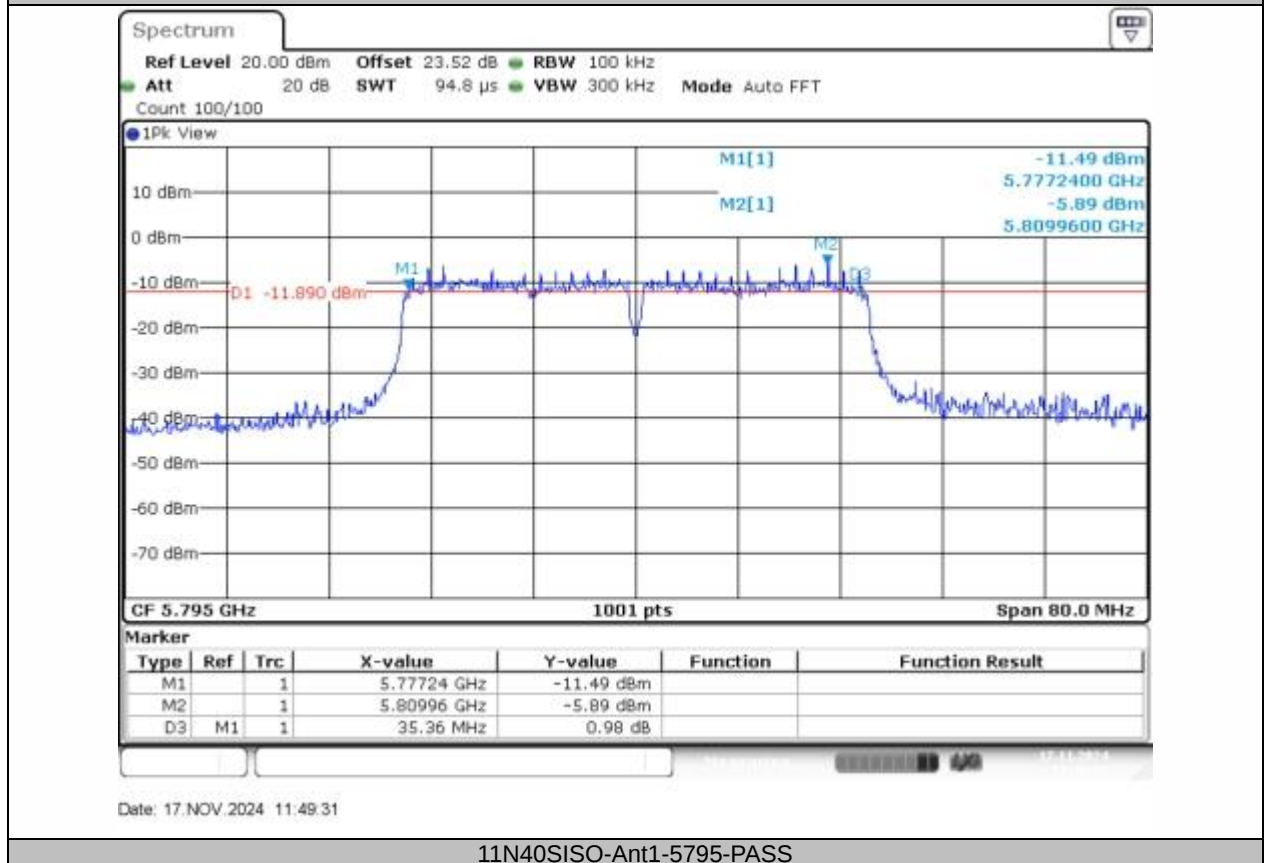


Date: 17.NOV.2024 11:35:05

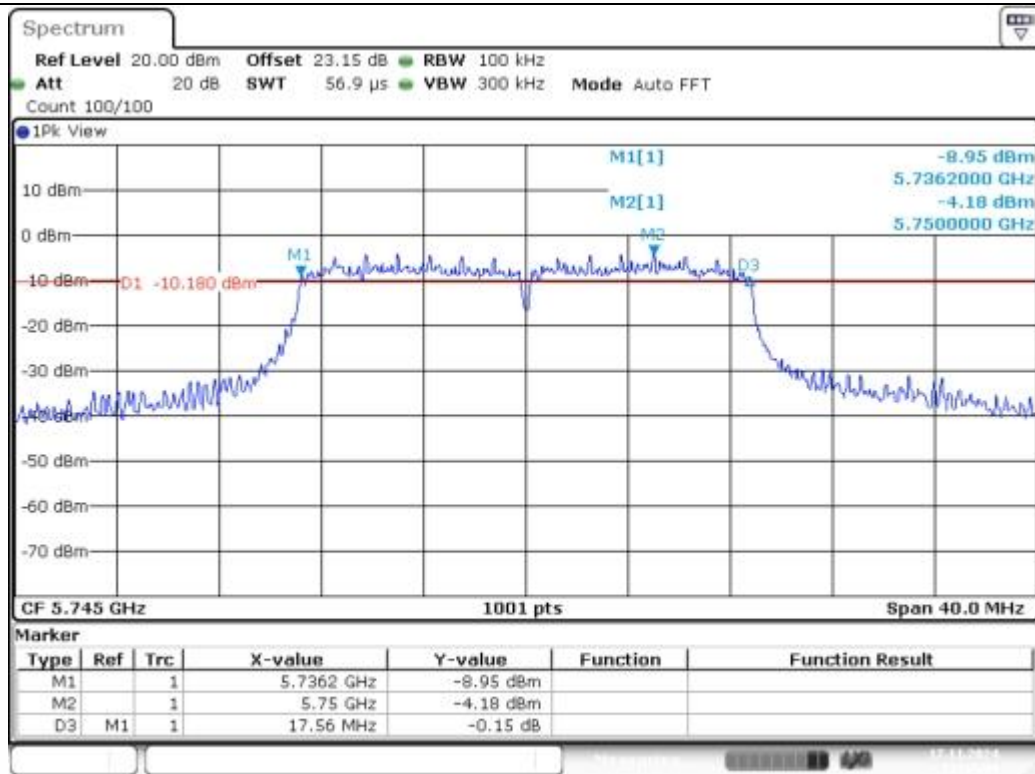
11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5755-PASS

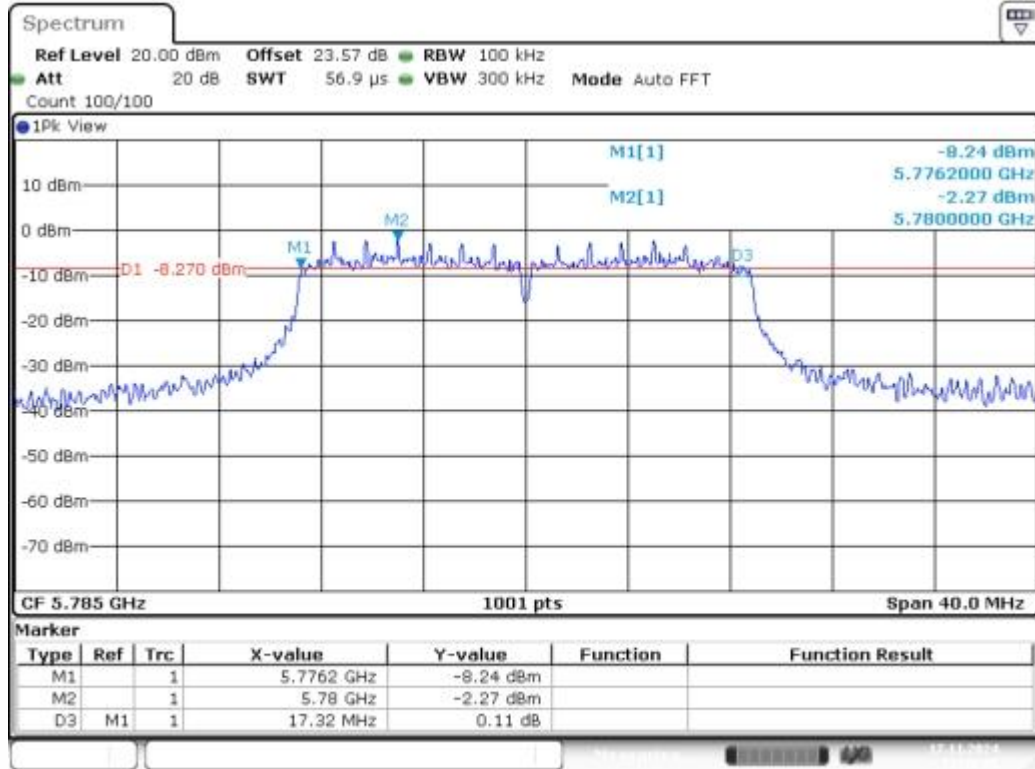


11N40SISO-Ant1-5795-PASS



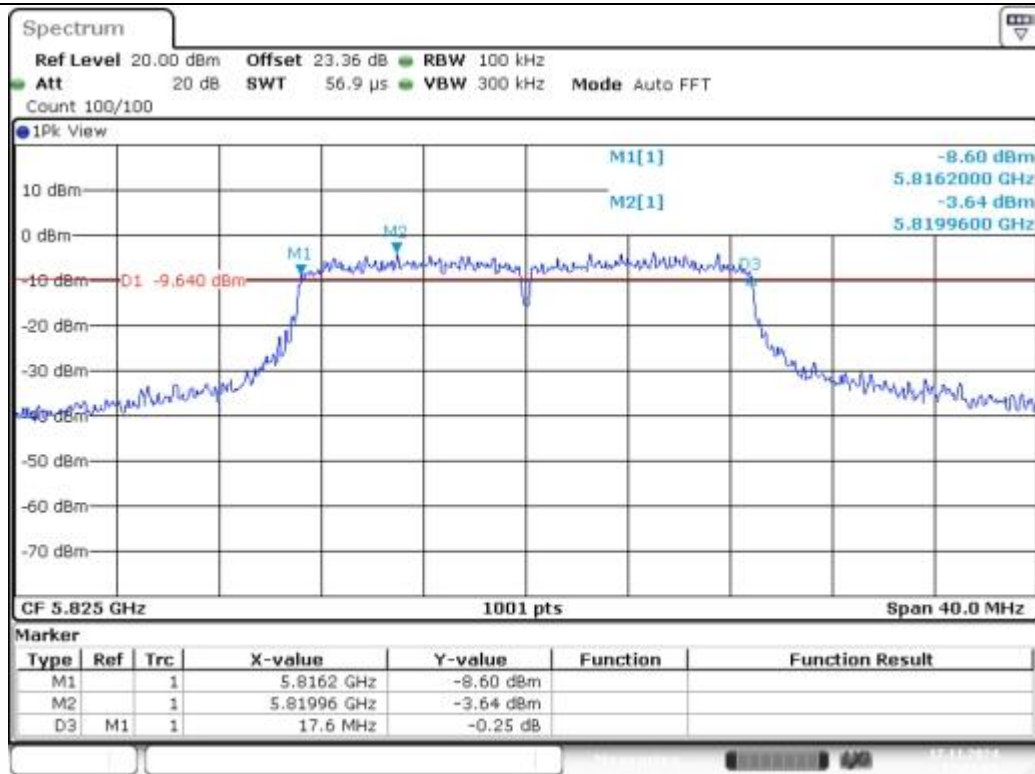
Date: 17.NOV.2024 11:57:49

11AC20SISO-Ant1-5745-PASS



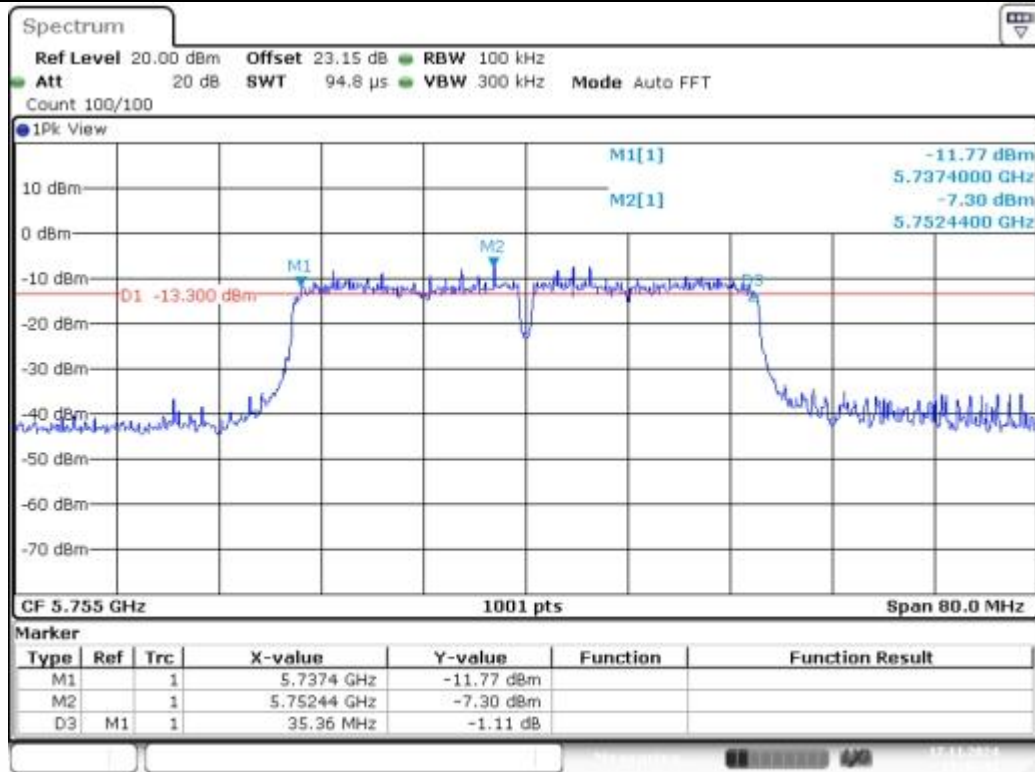
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11AC20SISO-Ant1-5785-PASS



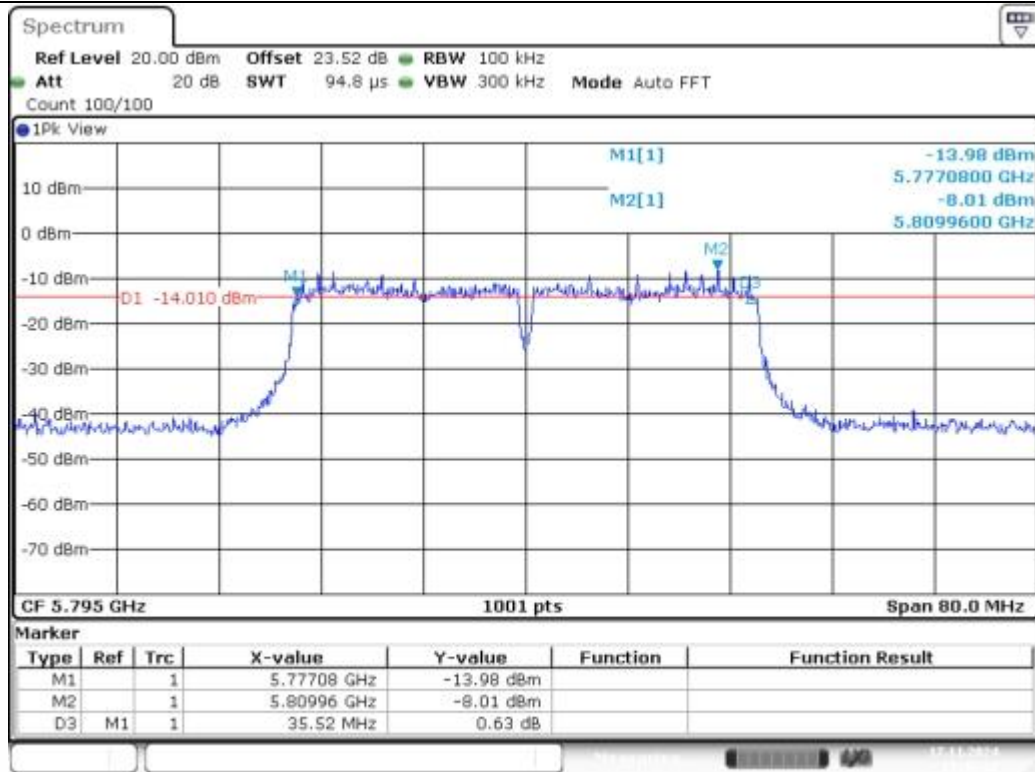
Date: 17.NOV.2024 12:02:05

11AC20SISO-Ant1-5825-PASS



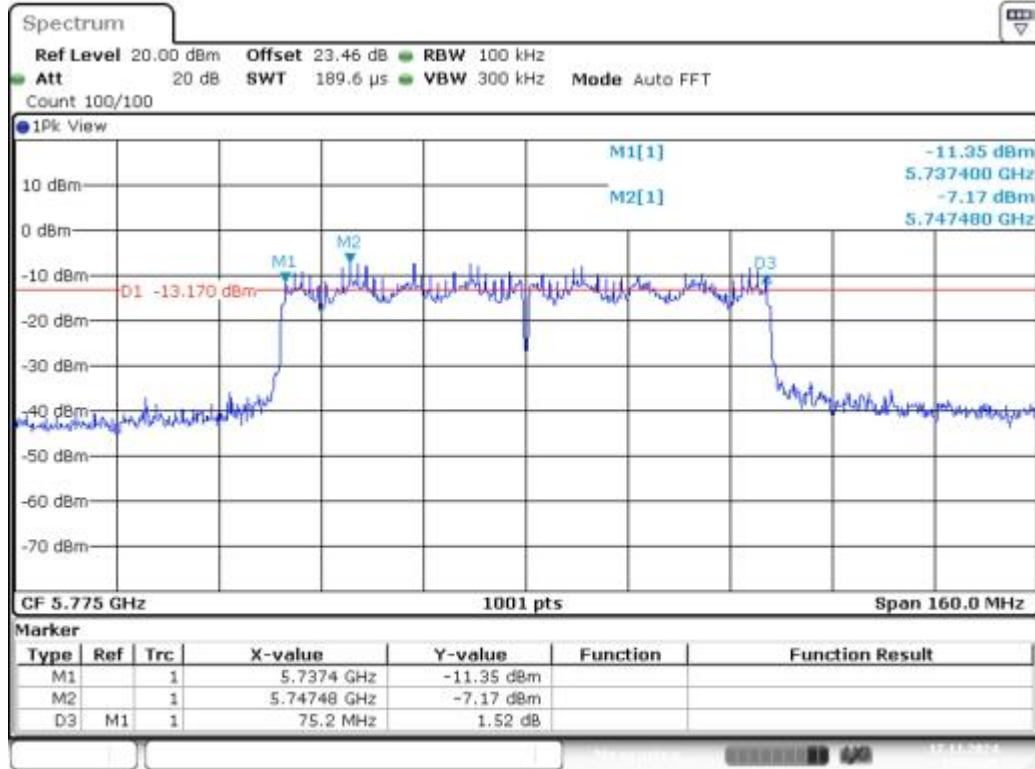
Date: 17.NOV.2024 13:45:42

11AC40SISO-Ant1-5755-PASS



Date: 17.NOV.2024 13:48:38

11AC40SISO-Ant1-5795-PASS



Date: 17.NOV.2024 13:54:29

11AC80SISO-Ant1-5775-PASS

8.2 MAXIMUM CONDUCTED OUTPUT POWER

8.2.1 Applicable Standard

According to FCC Part 15.407(a)(1) for UNII Band I
According to FCC Part 15.407(a)(2) for UNII Band II-A and UNII Band II-C
According to FCC Part 15.407(a)(3) for UNII Band III
According to 789033 D02 Section II(E)

8.2.2 Conformance Limit

■ For the band 5.15-5.25 GHz,

(a) (1) (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(a) (1) (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(a) (1) (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(a) (1) (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the 5.25-5.35 GHz and 5.47-5.725 GHz bands

(a) (2) the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26 dB emission bandwidth in megahertz. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ For the band 5.725-5.85 GHz

(a) (3) For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

8.2.3 Test Configuration

Test according to clause 6.1 radio frequency test setup 1.

8.2.4 Test Procedure

The maximum average conducted output power can be measured using Method PM-G (Measurement using a gated RF average power meter):

Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

- The Transmitter output (antenna port) was connected to the power meter.
- Turn on the EUT and power meter and then record the power value.
- Repeat above procedures on all channels needed to be tested.

8.2.5 Test Results

Temperature : 25°C
Humidity : 45 %

ATM Pressure: 1011 mbar
Test Engineer: XXH

For 802.11a, the limit as below.

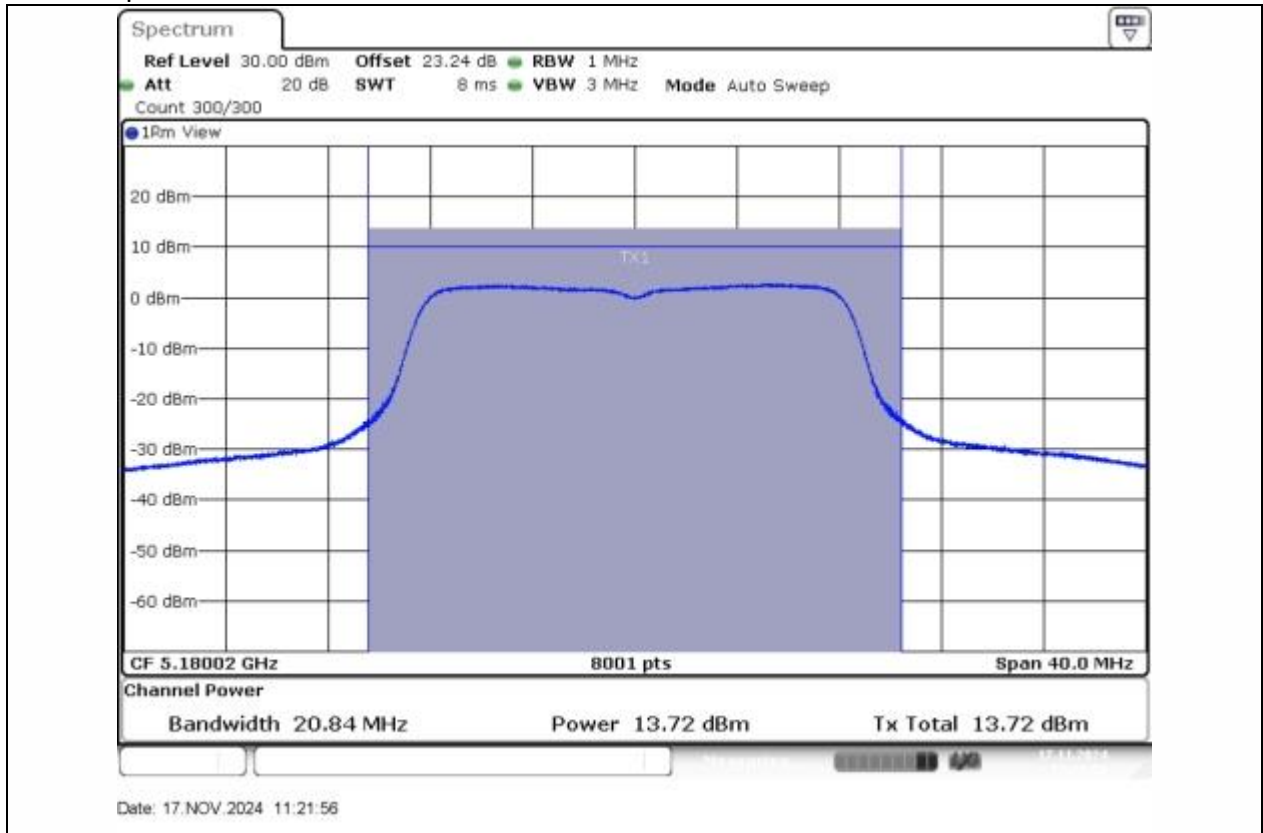
Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	23.98	N/A
5250~5350MHz Band	23.98	N/A
5470~5725MHz Band	23.98	N/A
5725~5850MHz Band	30	N/A

For others, the limit as below.

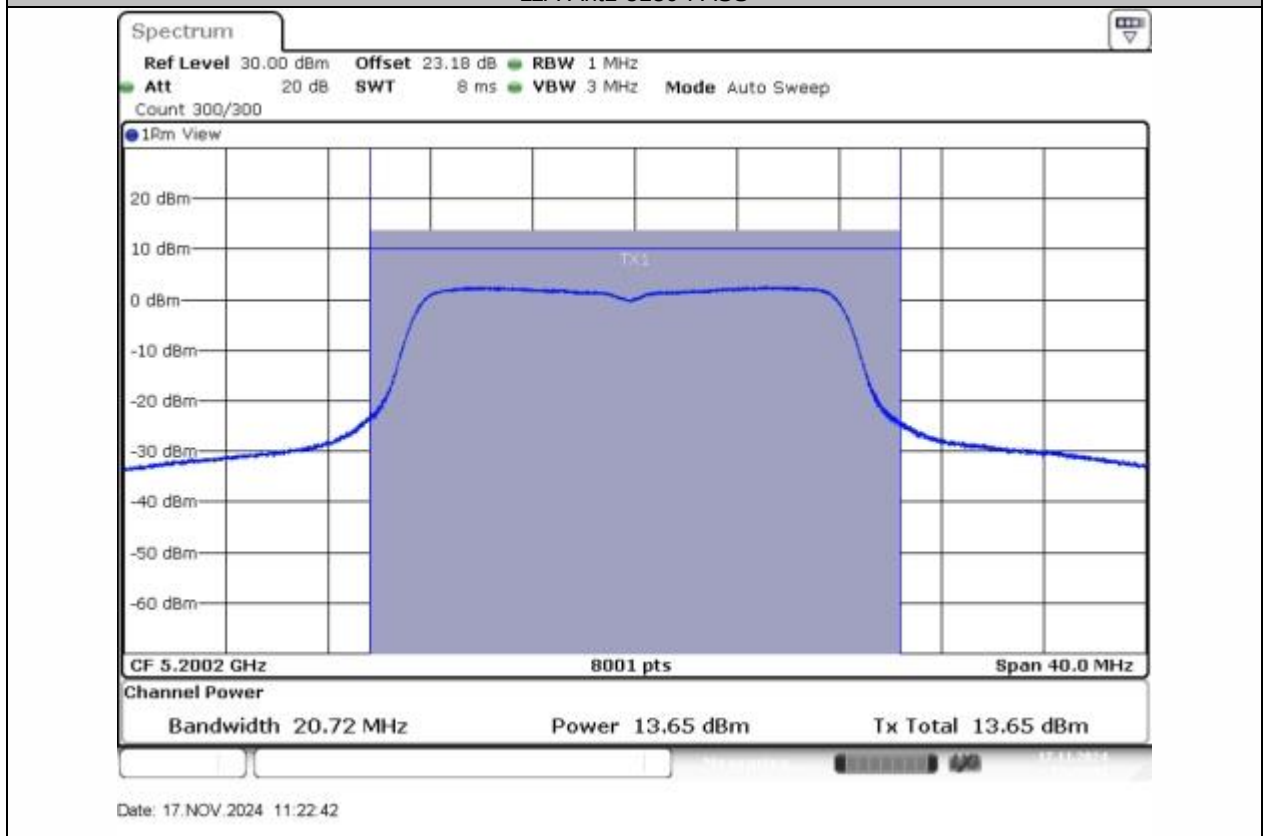
Frequency [MHz]	Conducted Limit [dBm]	EIRP Limit [dBm]
5150~5250MHz Band	22.6	N/A
5250~5350MHz Band	22.6	N/A
5470~5725MHz Band	22.6	N/A
5725~5850MHz Band	28.62	N/A

Test Mode	Antenna	Frequency [MHz]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	96.26	0.17	13.72	≤23.98	0.50	14.22	---	PASS
11A	Ant1	5200	94.09	0.26	13.65	≤23.98	0.50	14.15	---	PASS
11A	Ant1	5240	94.09	0.26	13.87	≤23.98	0.50	14.37	---	PASS
11A	Ant1	5745	94.95	0.23	10.49	≤30.00	0.50	10.99	---	PASS
11A	Ant1	5785	93.24	0.30	11.15	≤30.00	0.50	11.65	---	PASS
11A	Ant1	5825	92.83	0.32	11.52	≤30.00	0.50	12.02	---	PASS
11N20SISO	Ant1	5180	91.90	0.37	13.83	≤23.98	0.50	14.33	---	PASS
11N20SISO	Ant1	5200	91.87	0.37	13.66	≤23.98	0.50	14.16	---	PASS
11N20SISO	Ant1	5240	95.05	0.22	13.75	≤23.98	0.50	14.25	---	PASS
11N20SISO	Ant1	5745	93.20	0.31	10.48	≤30.00	0.50	10.98	---	PASS
11N20SISO	Ant1	5785	92.31	0.35	11.12	≤30.00	0.50	11.62	---	PASS
11N20SISO	Ant1	5825	91.87	0.37	11.49	≤30.00	0.50	11.99	---	PASS
11N40SISO	Ant1	5190	85.59	0.68	13.32	≤23.98	0.50	13.82	---	PASS
11N40SISO	Ant1	5230	84.68	0.72	13.69	≤23.98	0.50	14.19	---	PASS
11N40SISO	Ant1	5755	85.45	0.68	10.11	≤30.00	0.50	10.61	---	PASS
11N40SISO	Ant1	5795	85.45	0.68	10.44	≤30.00	0.50	10.94	---	PASS
11AC20SISO	Ant1	5180	79.18	1.01	14.29	≤23.98	0.50	14.79	---	PASS
11AC20SISO	Ant1	5200	95.07	0.22	13.54	≤23.98	0.50	14.04	---	PASS
11AC20SISO	Ant1	5240	91.47	0.39	13.95	≤23.98	0.50	14.45	---	PASS
11AC20SISO	Ant1	5745	92.82	0.32	10.48	≤30.00	0.50	10.98	---	PASS
11AC20SISO	Ant1	5785	91.94	0.36	11.14	≤30.00	0.50	11.64	---	PASS
11AC20SISO	Ant1	5825	91.47	0.39	11.51	≤30.00	0.50	12.01	---	PASS
11AC40SISO	Ant1	5190	84.82	0.72	13.37	≤23.98	0.50	13.87	---	PASS
11AC40SISO	Ant1	5230	85.59	0.68	13.66	≤23.98	0.50	14.16	---	PASS
11AC40SISO	Ant1	5755	86.36	0.64	11.07	≤30.00	0.50	11.57	---	PASS
11AC40SISO	Ant1	5795	87.27	0.59	11.17	≤30.00	0.50	11.67	---	PASS
11AC80SISO	Ant1	5210	73.02	1.37	14.39	≤23.98	0.50	14.89	---	PASS
11AC80SISO	Ant1	5775	73.02	1.37	11.29	≤30.00	0.50	11.79	---	PASS

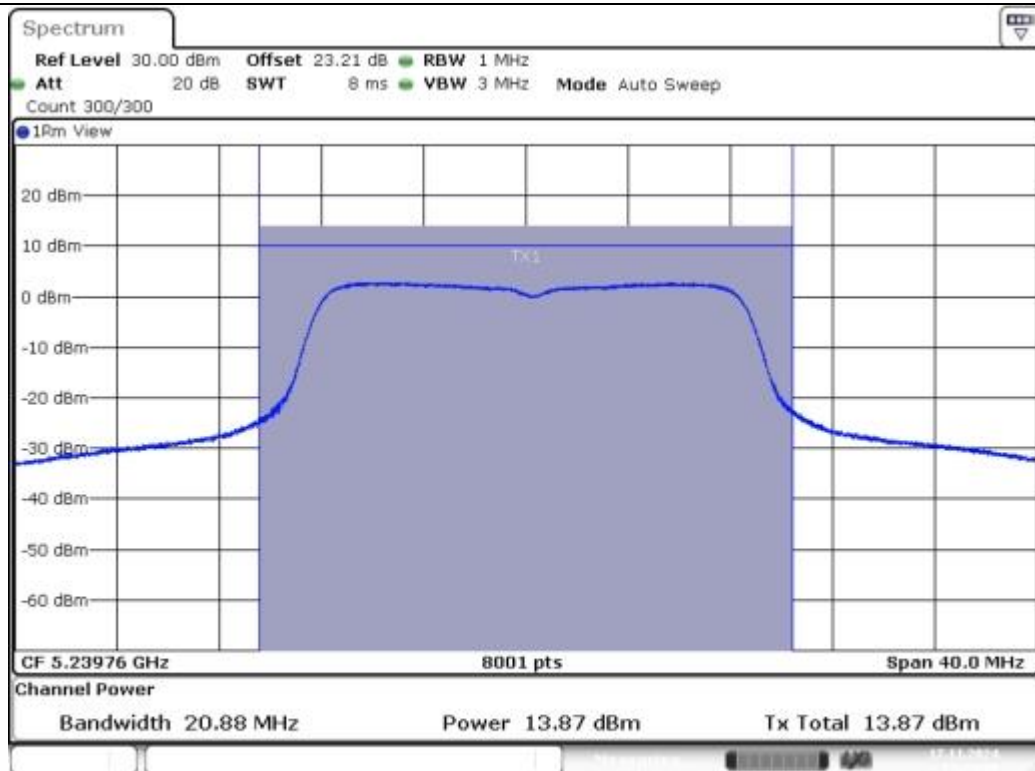
Test Graphs



11A-Ant1-5180-PASS

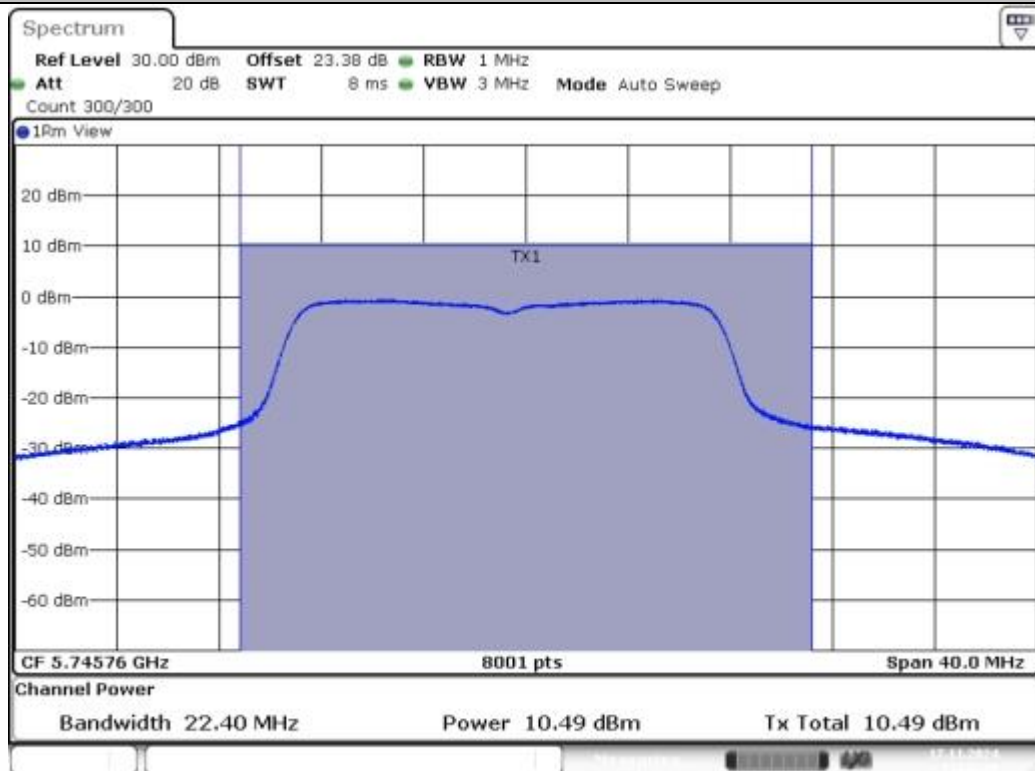


11A-Ant1-5200-PASS



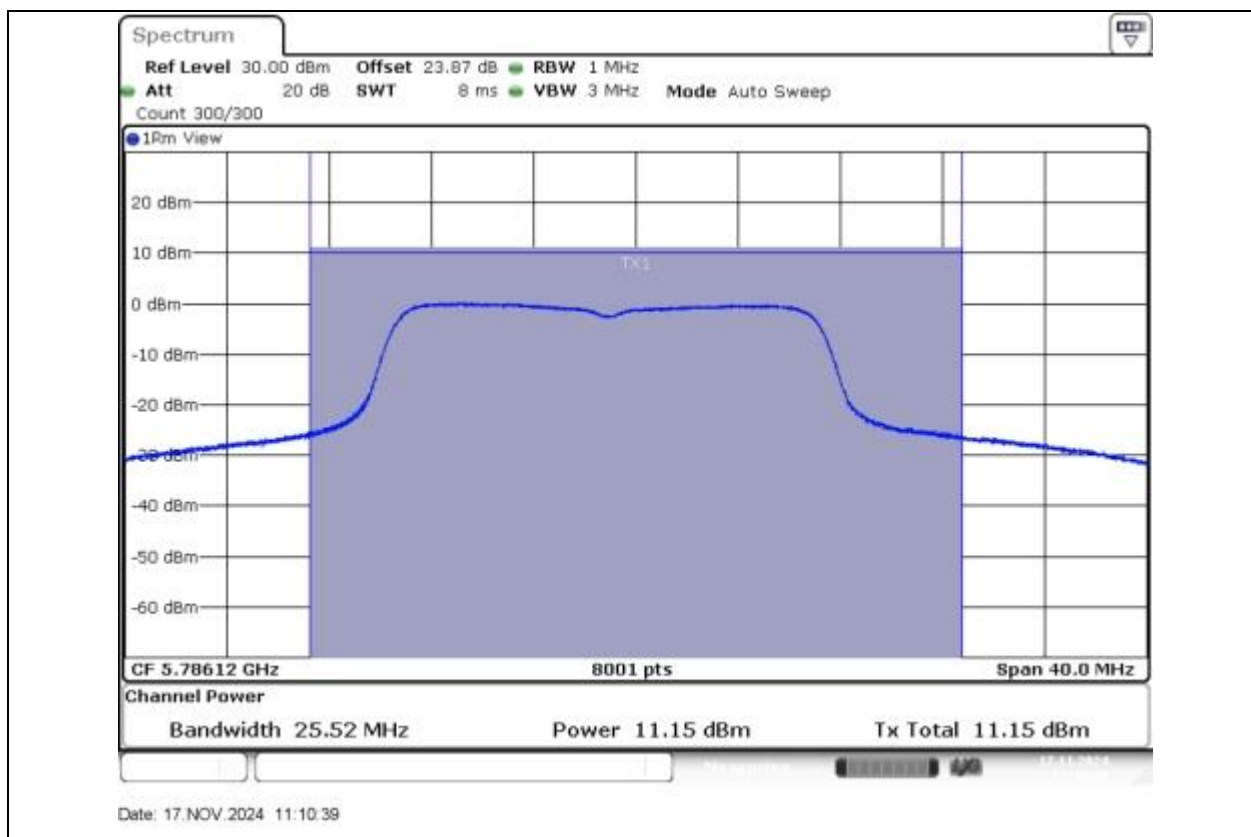
Date: 17.NOV.2024 11:23:19

11A-Ant1-5240-PASS



Date: 17.NOV.2024 11:06:30

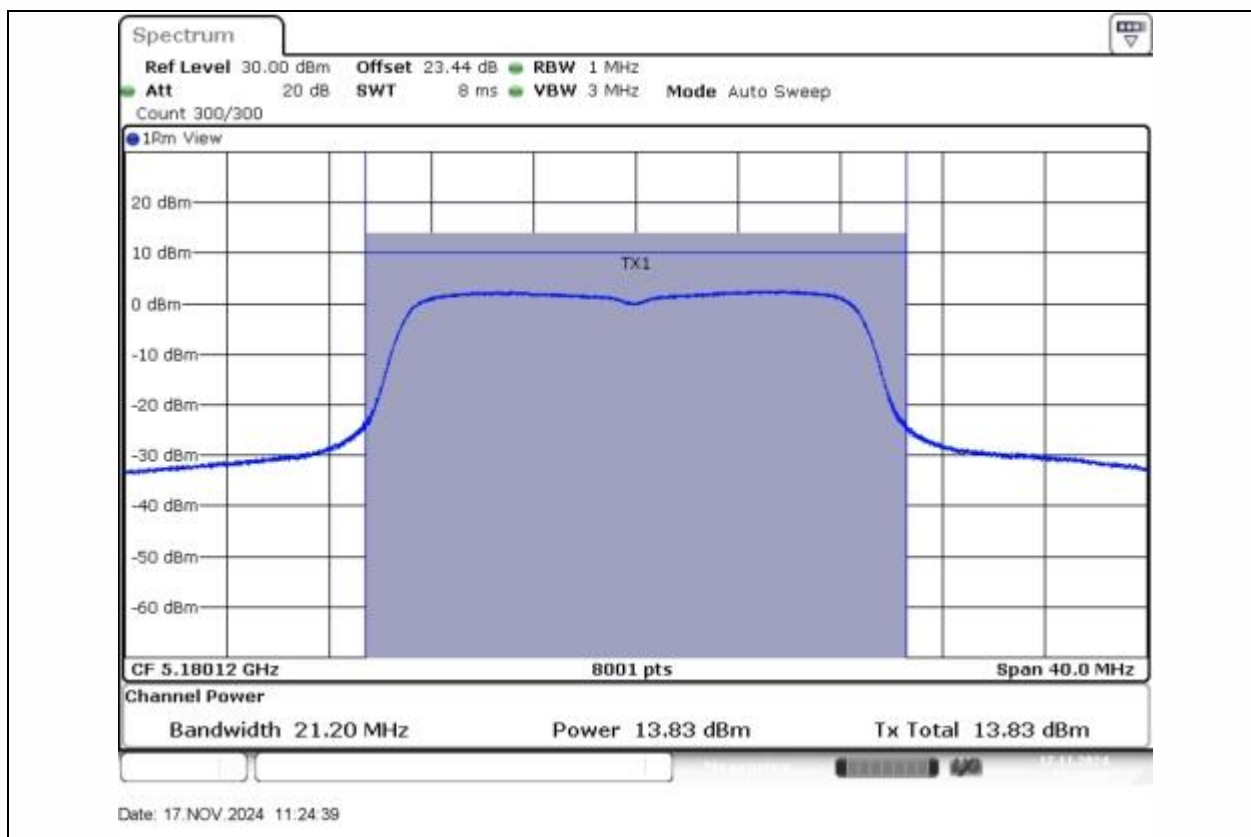
11A-Ant1-5745-PASS



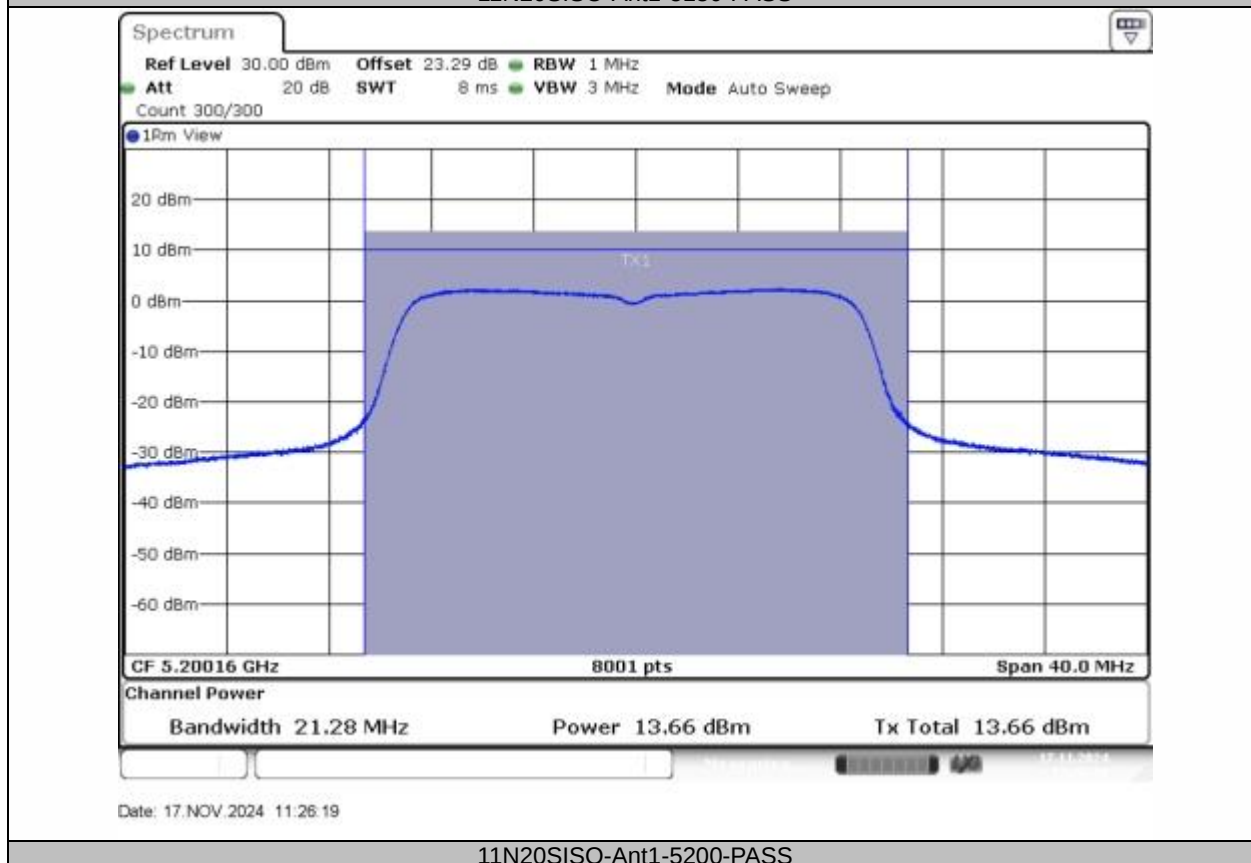
11A-Ant1-5785-PASS



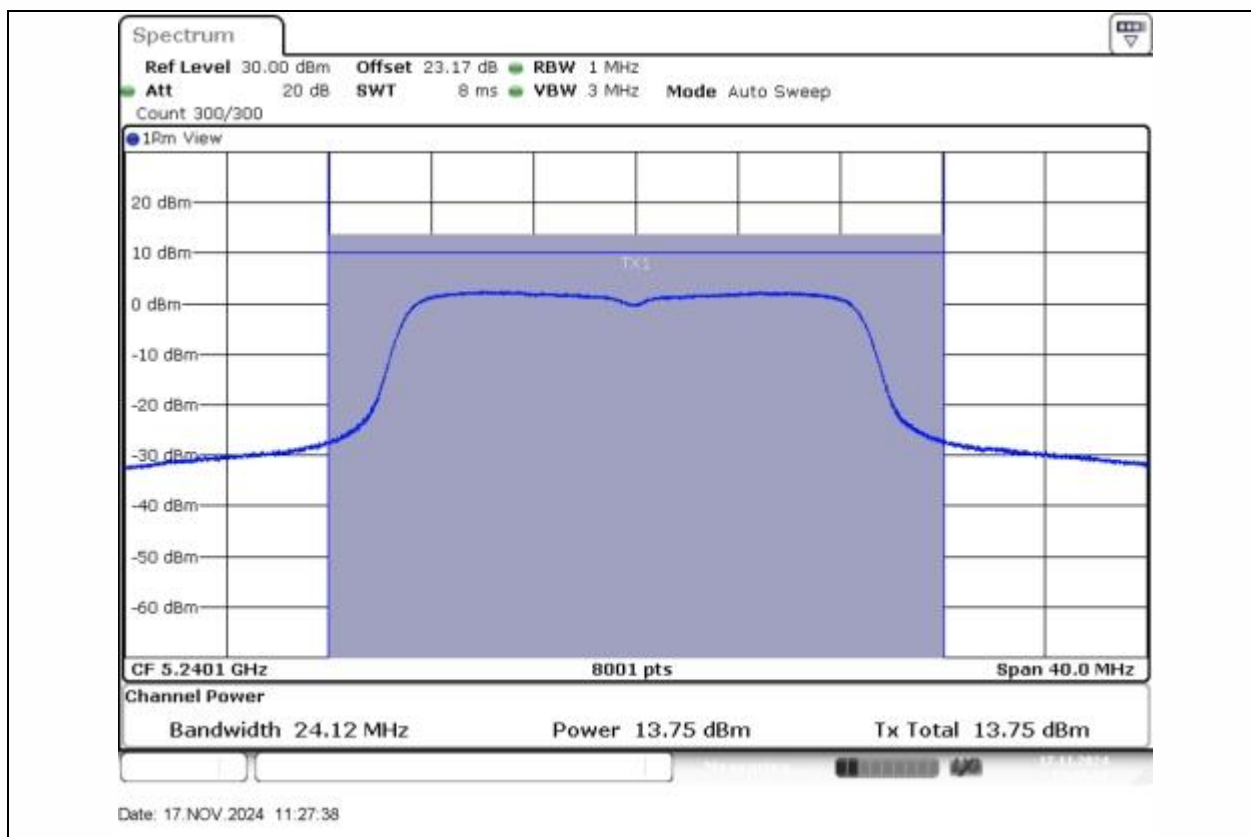
11A-Ant1-5825-PASS



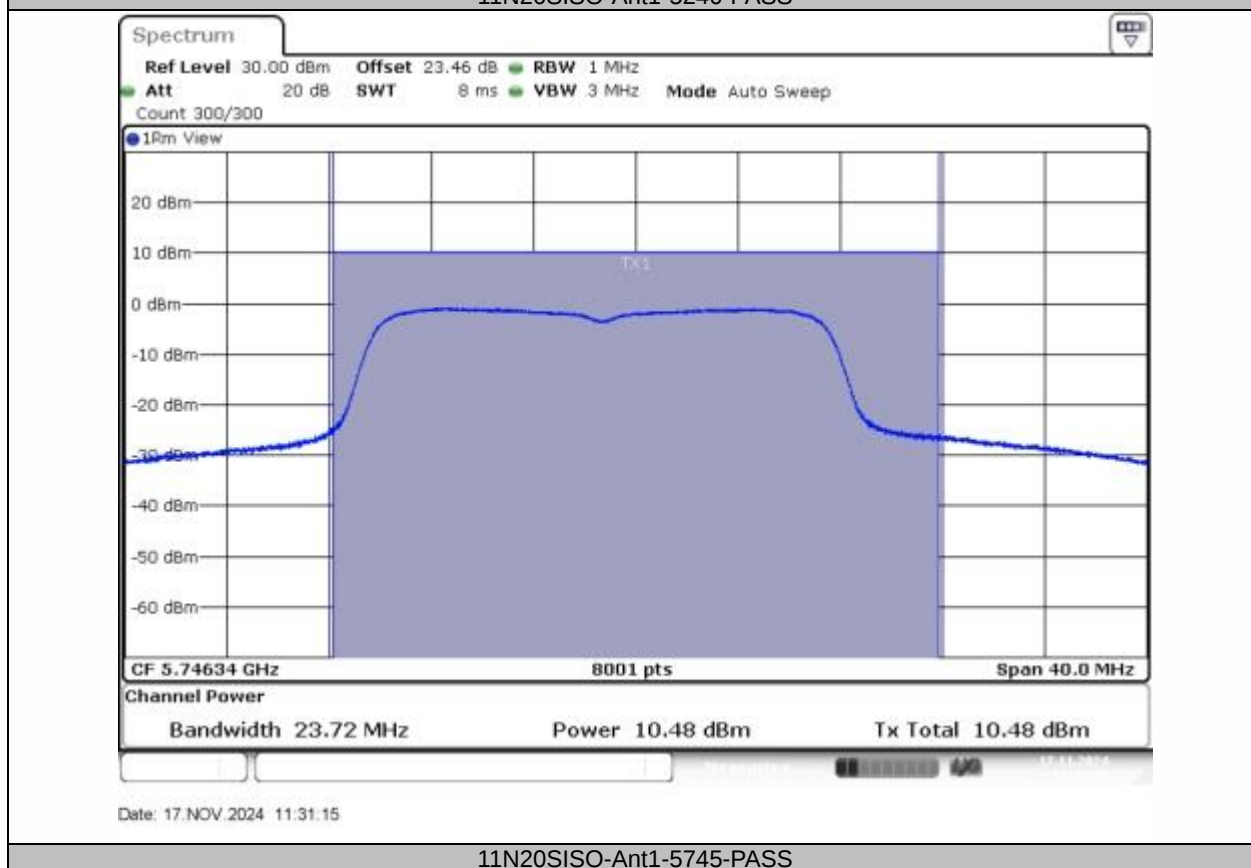
11N20SISO-Ant1-5180-PASS



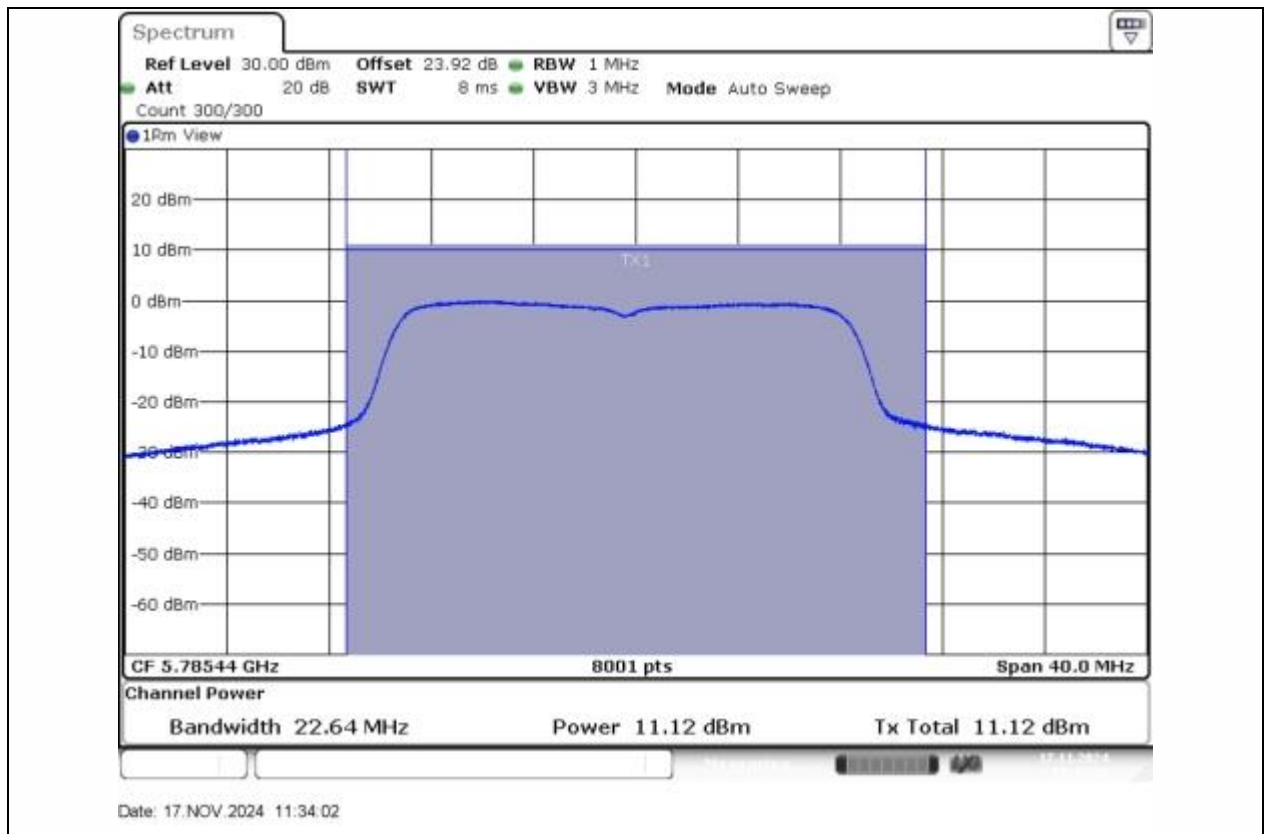
11N20SISO-Ant1-5200-PASS



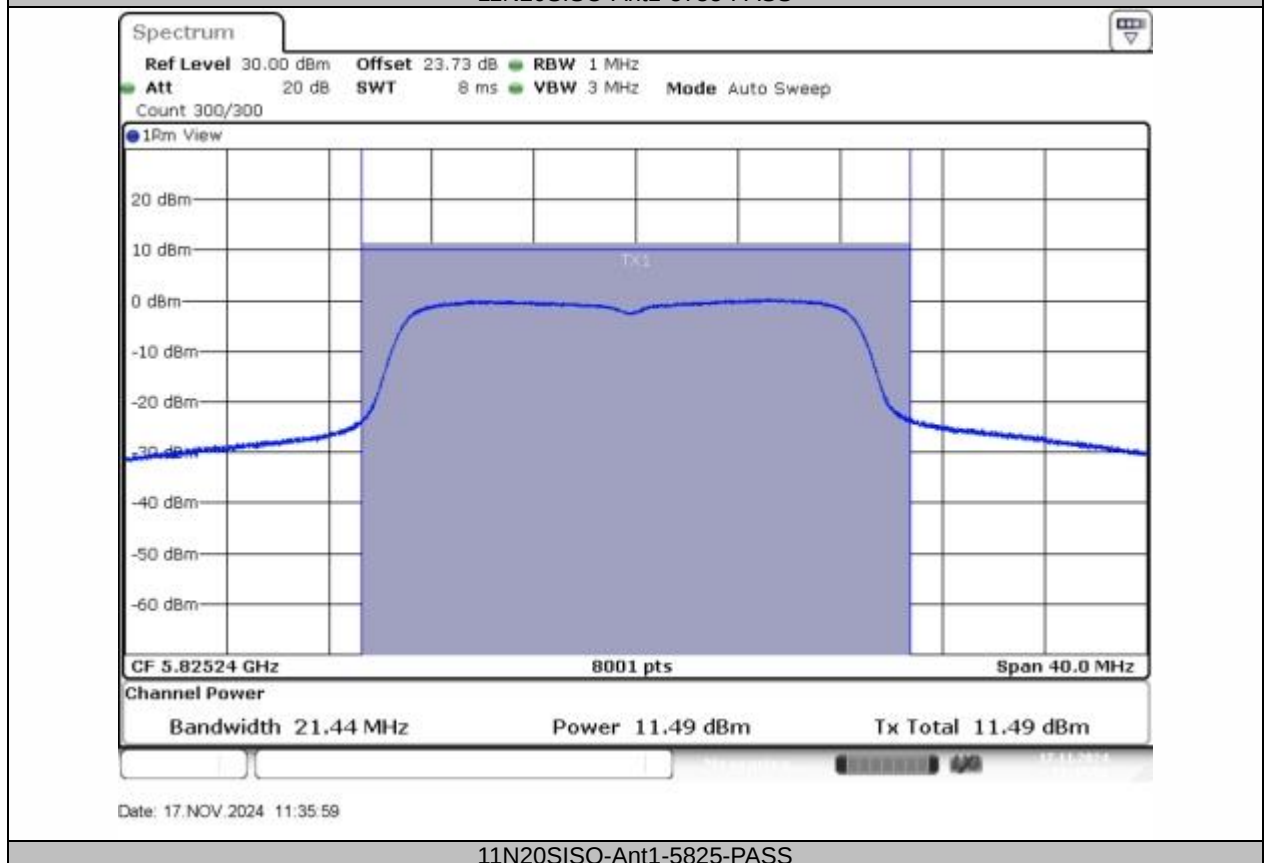
11N20SISO-Ant1-5240-PASS



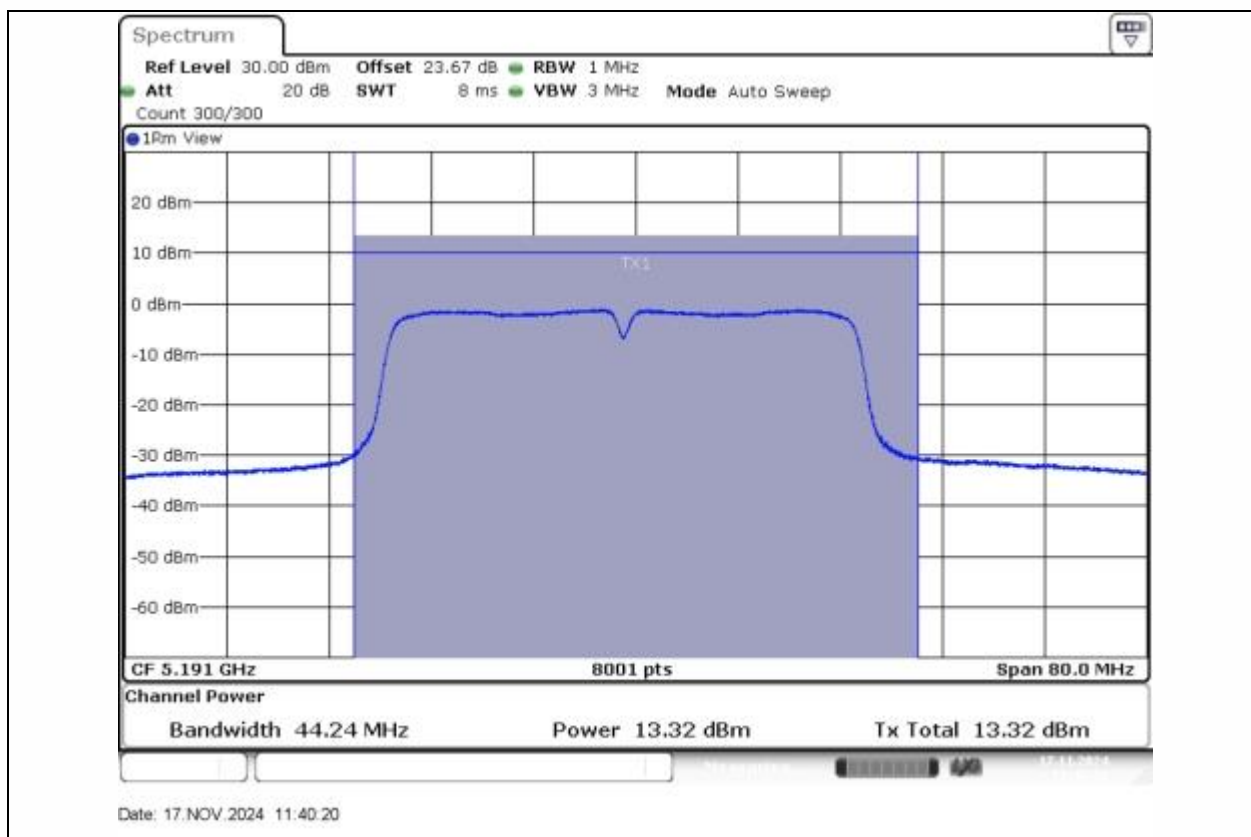
11N20SISO-Ant1-5745-PASS



11N20SISO-Ant1-5785-PASS



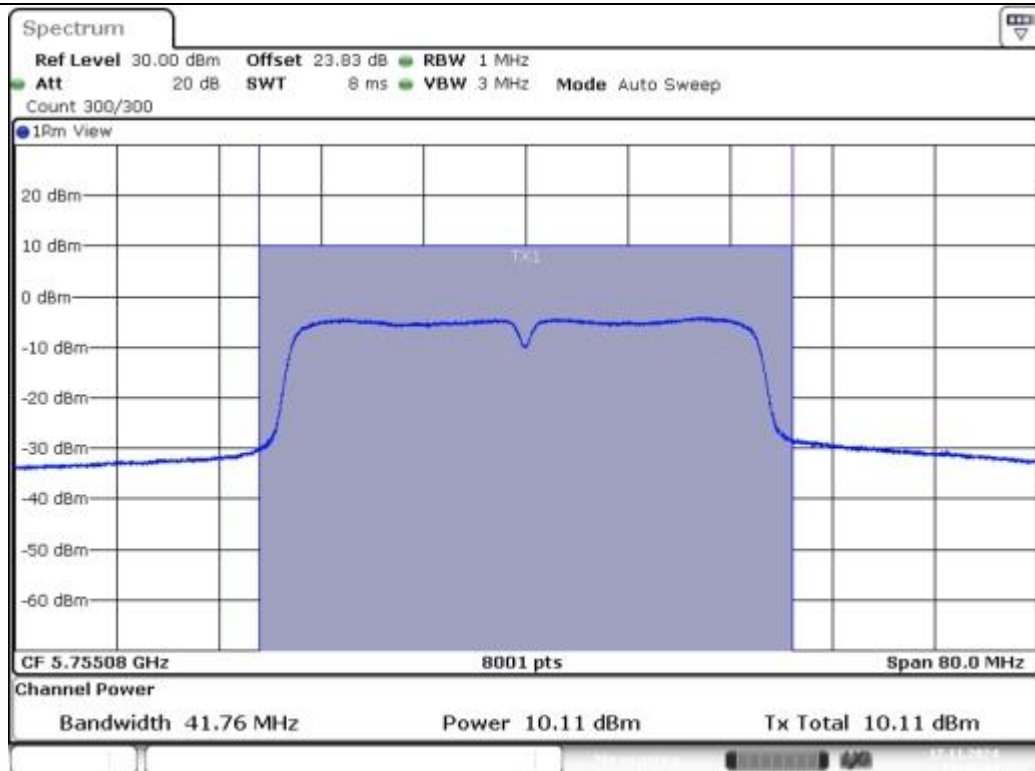
11N20SISO-Ant1-5825-PASS



11N40SISO-Ant1-5190-PASS

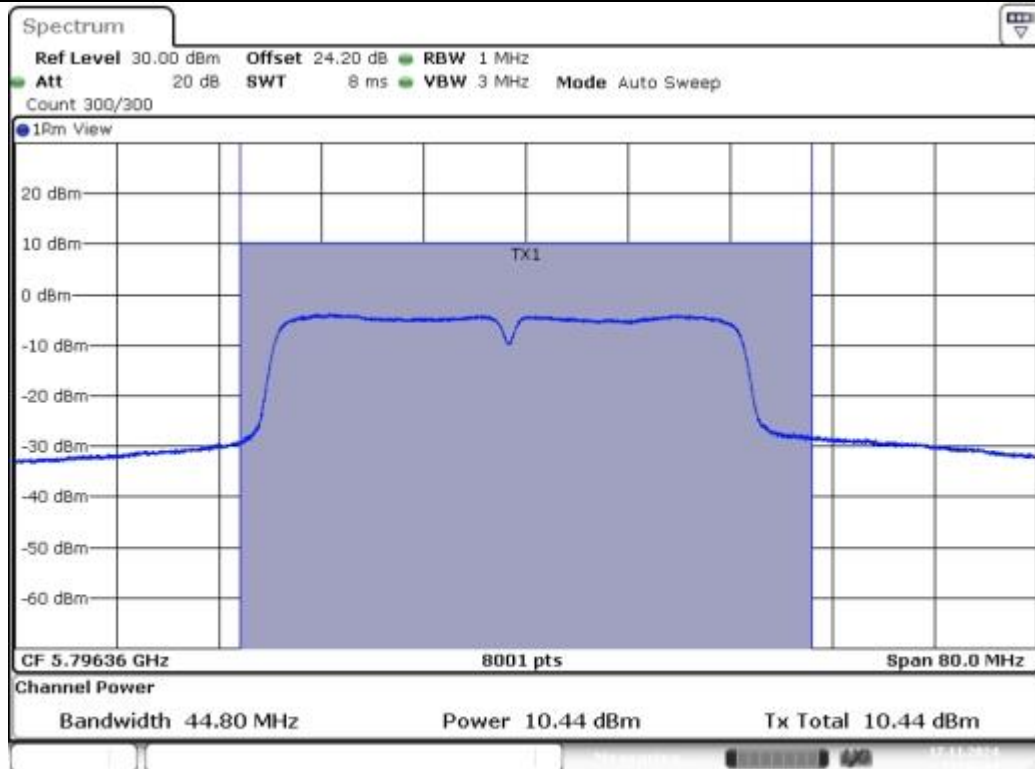


11N40SISO-Ant1-5230-PASS



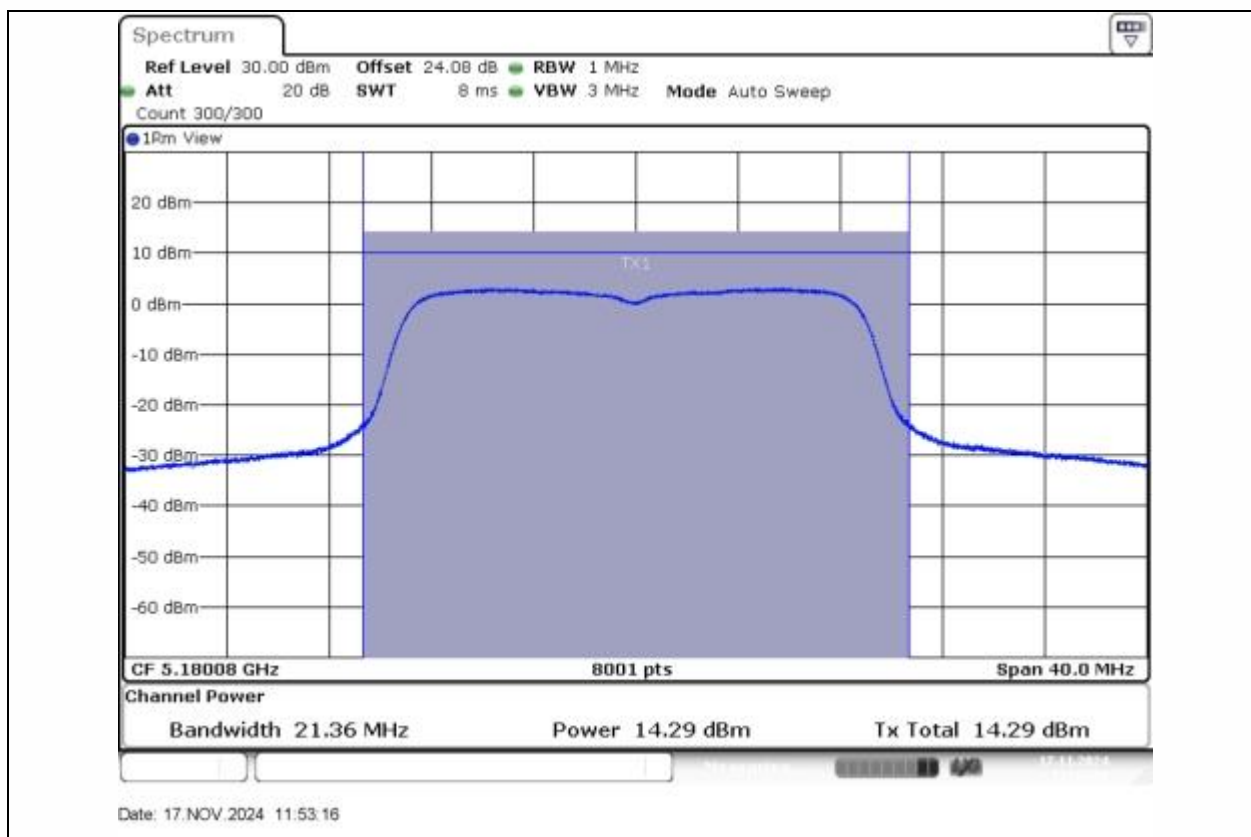
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11N40SISO-Ant1-5755-PASS

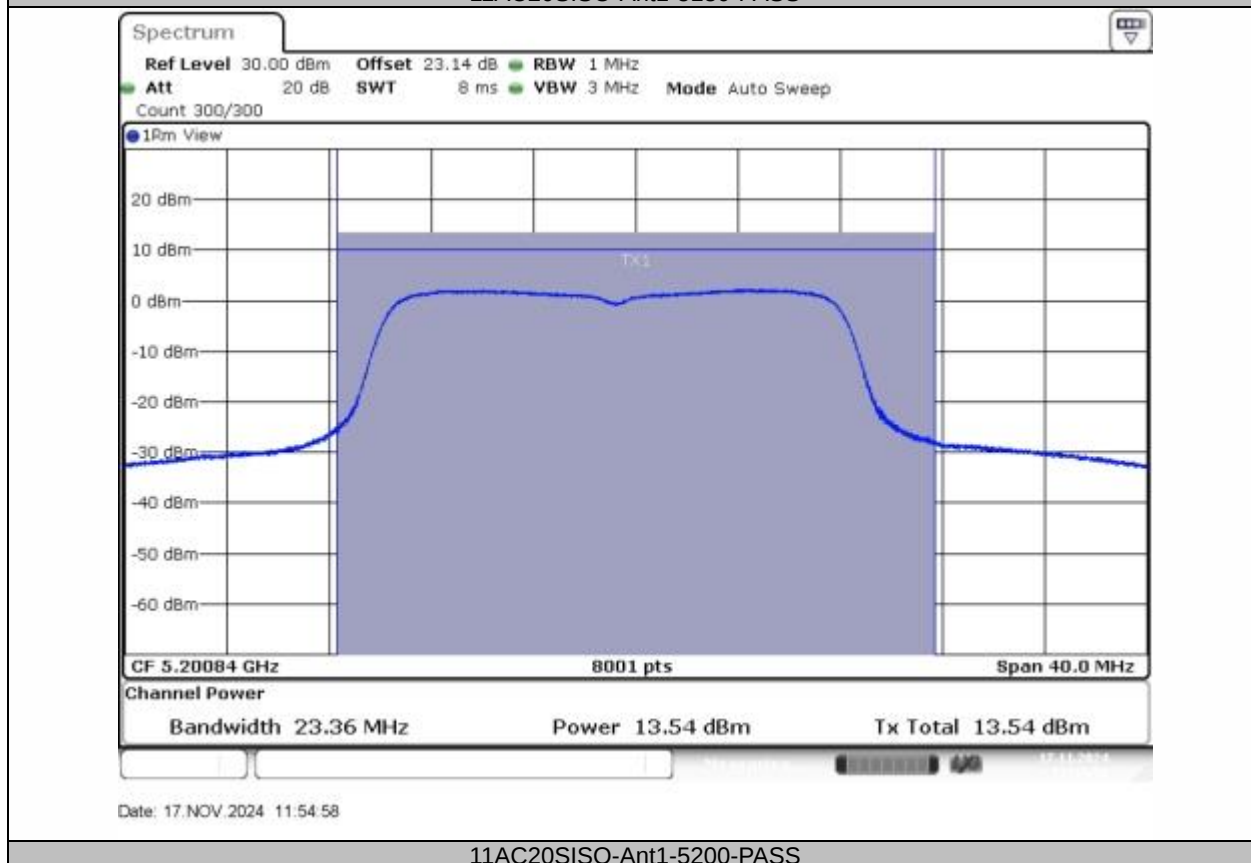


Date: 17.NOV.2024 11:50:35

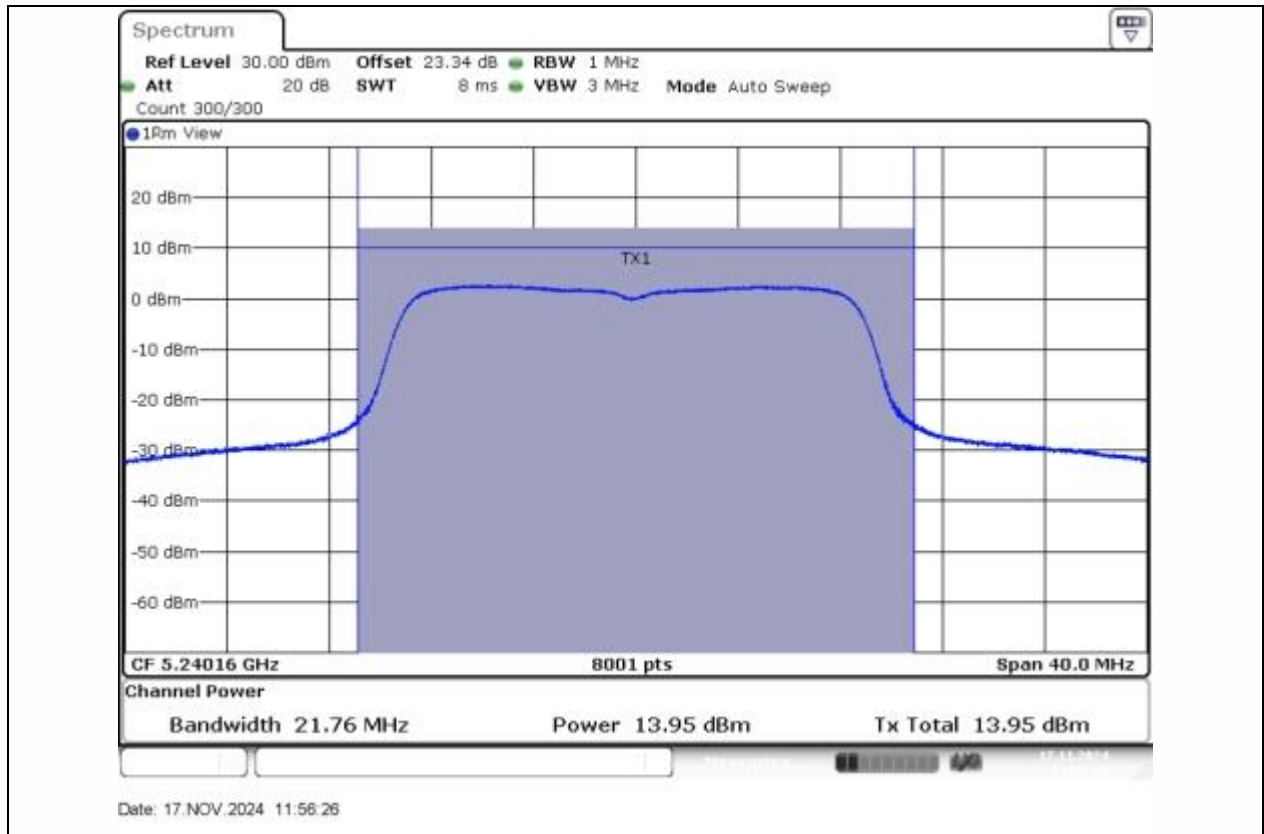
11N40SISO-Ant1-5795-PASS



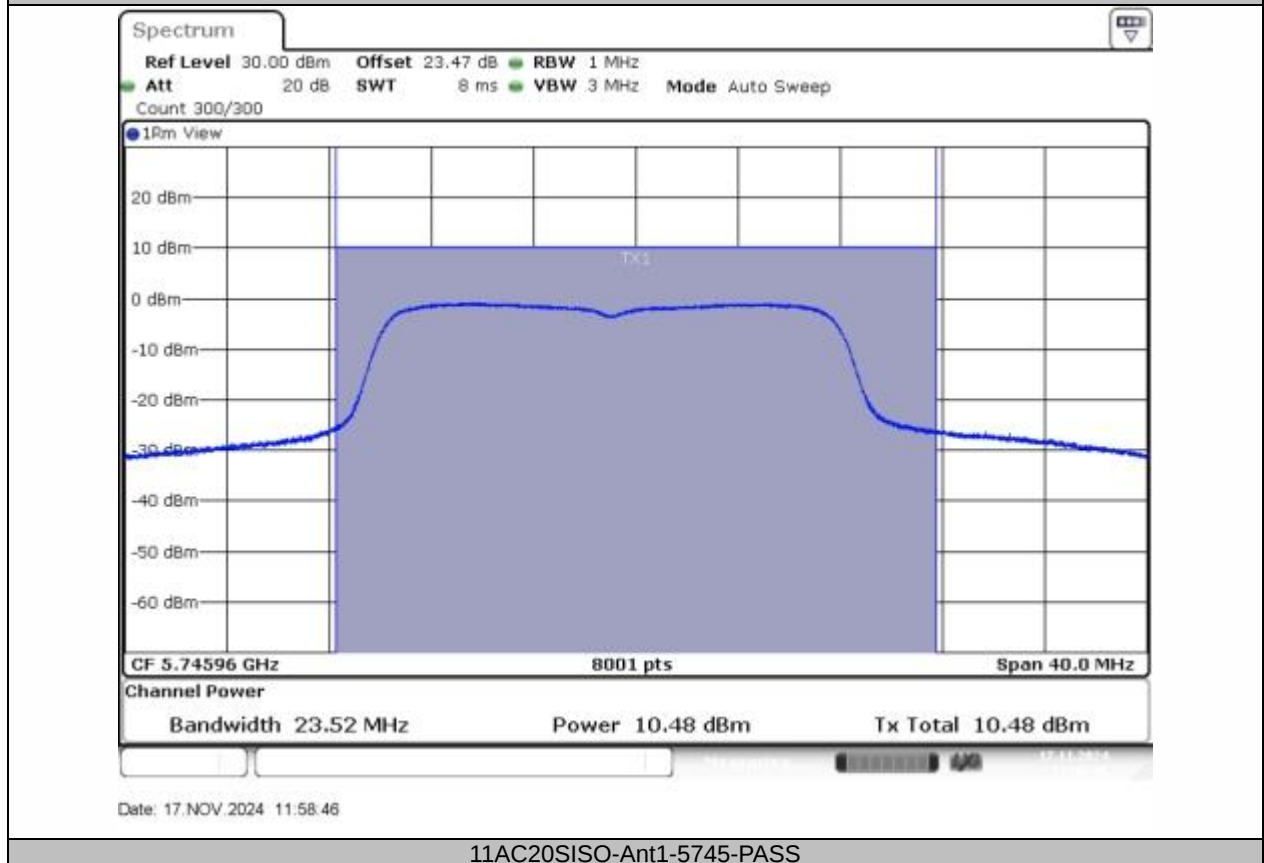
11AC20SISO-Ant1-5180-PASS



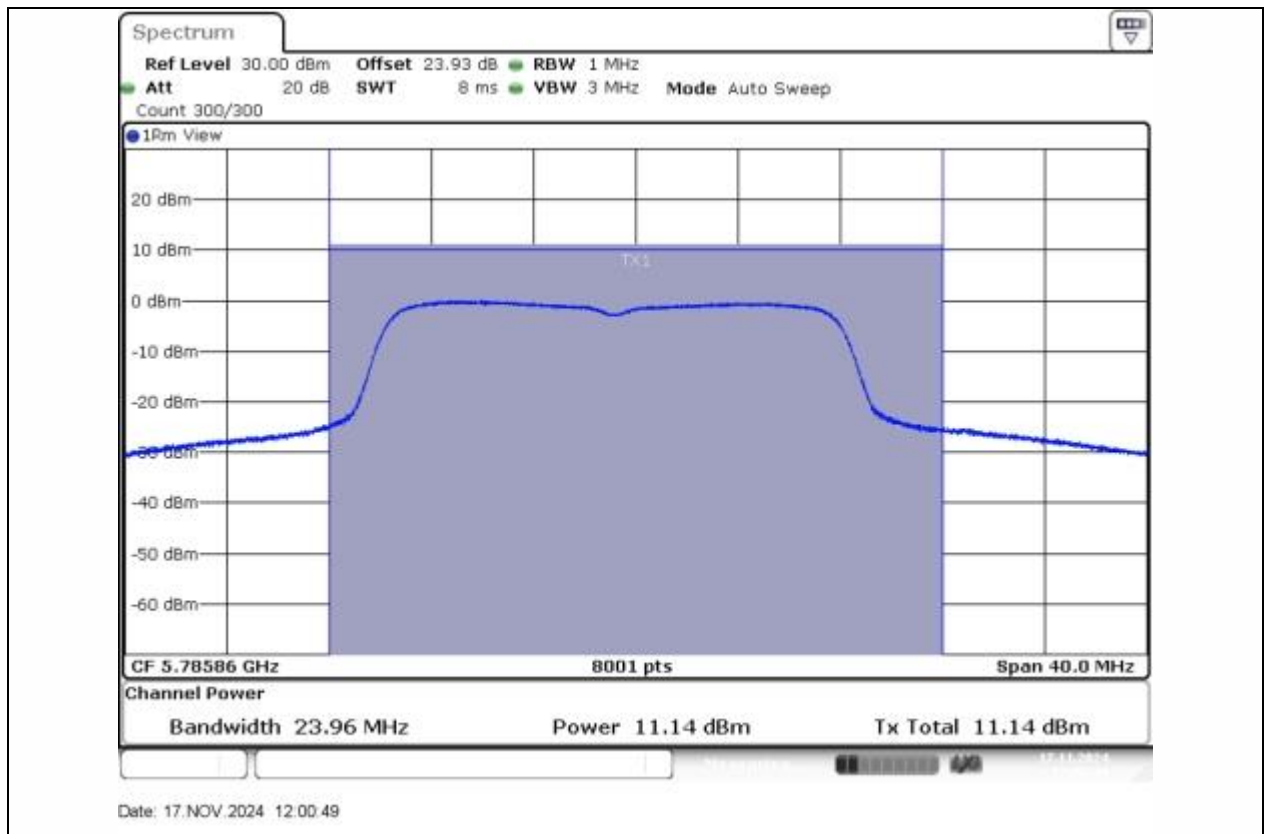
11AC20SISO-Ant1-5200-PASS



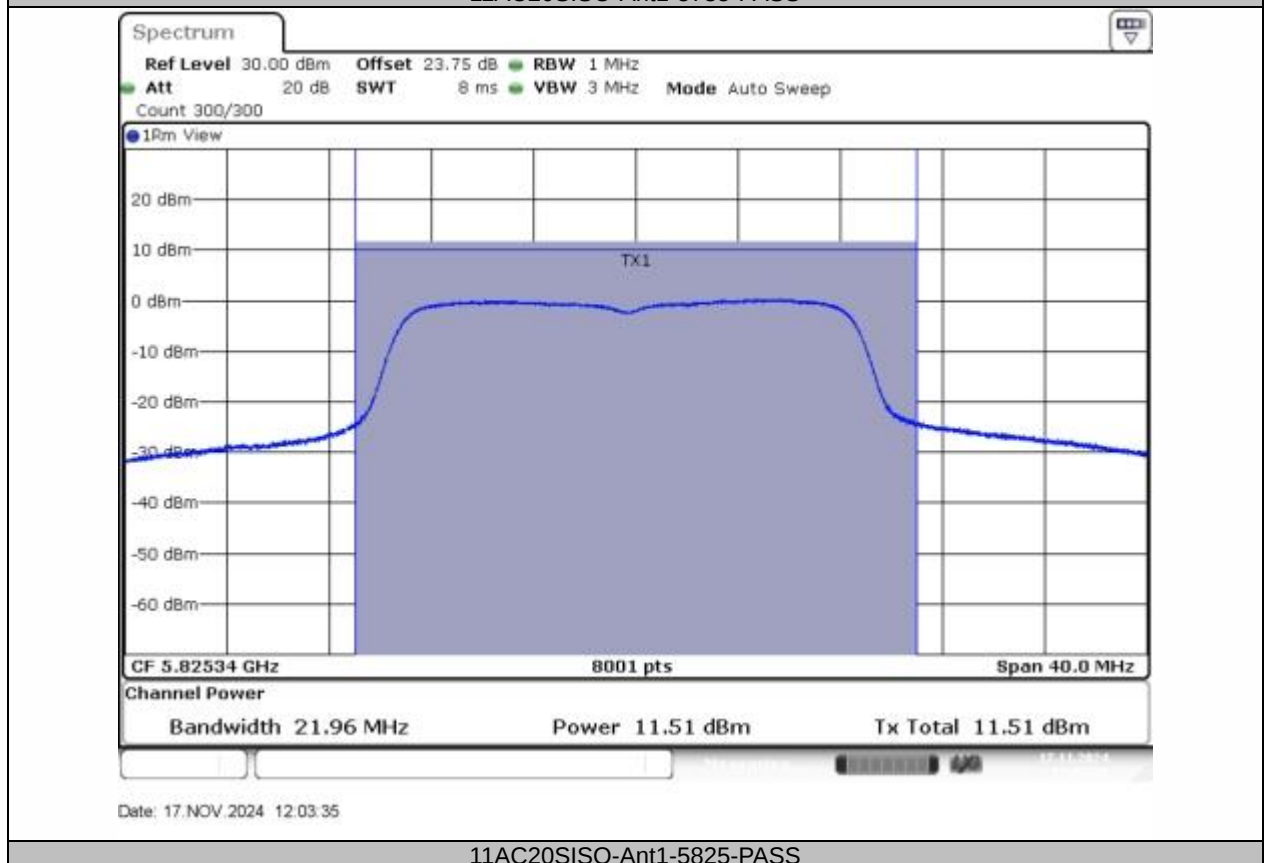
11AC20SISO-Ant1-5240-PASS



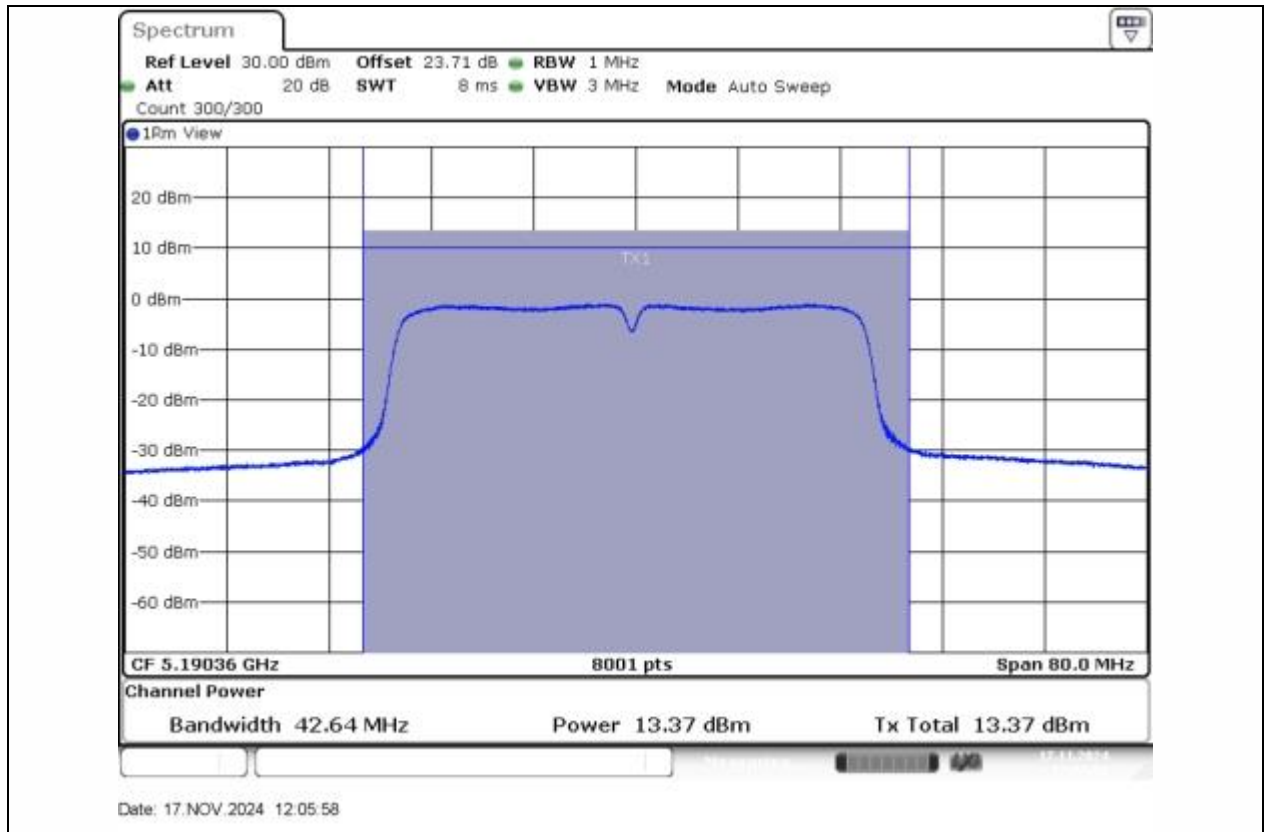
11AC20SISO-Ant1-5745-PASS



11AC20SISO-Ant1-5785-PASS



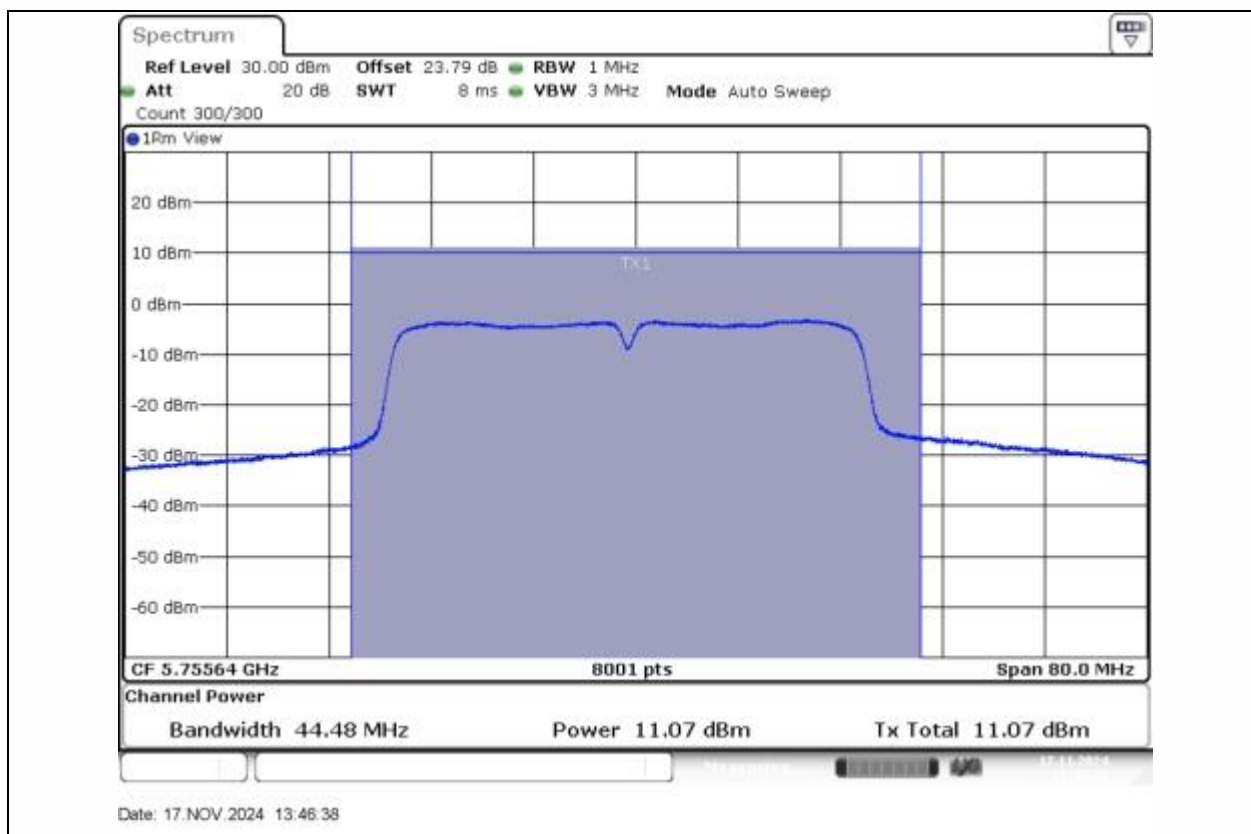
11AC20SISO-Ant1-5825-PASS



11AC40SISO-Ant1-5190-PASS



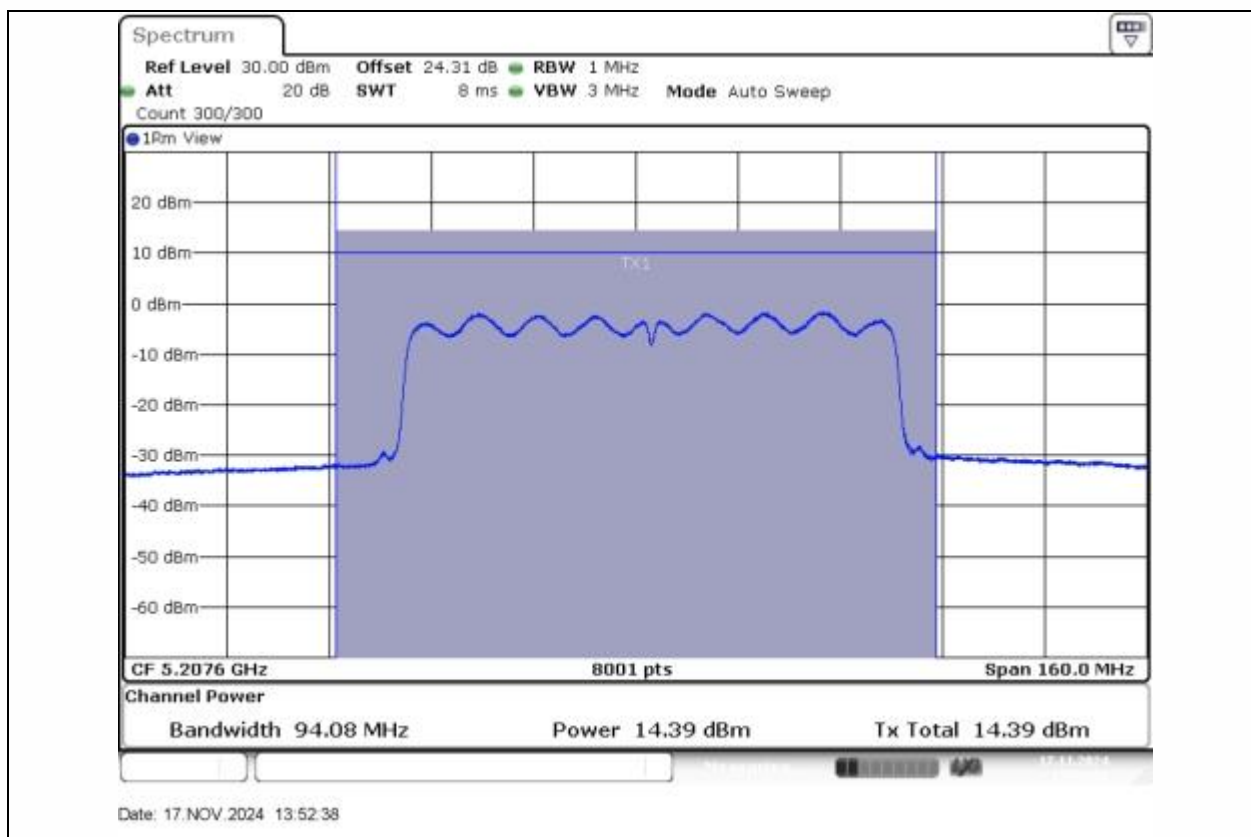
11AC40SISO-Ant1-5230-PASS



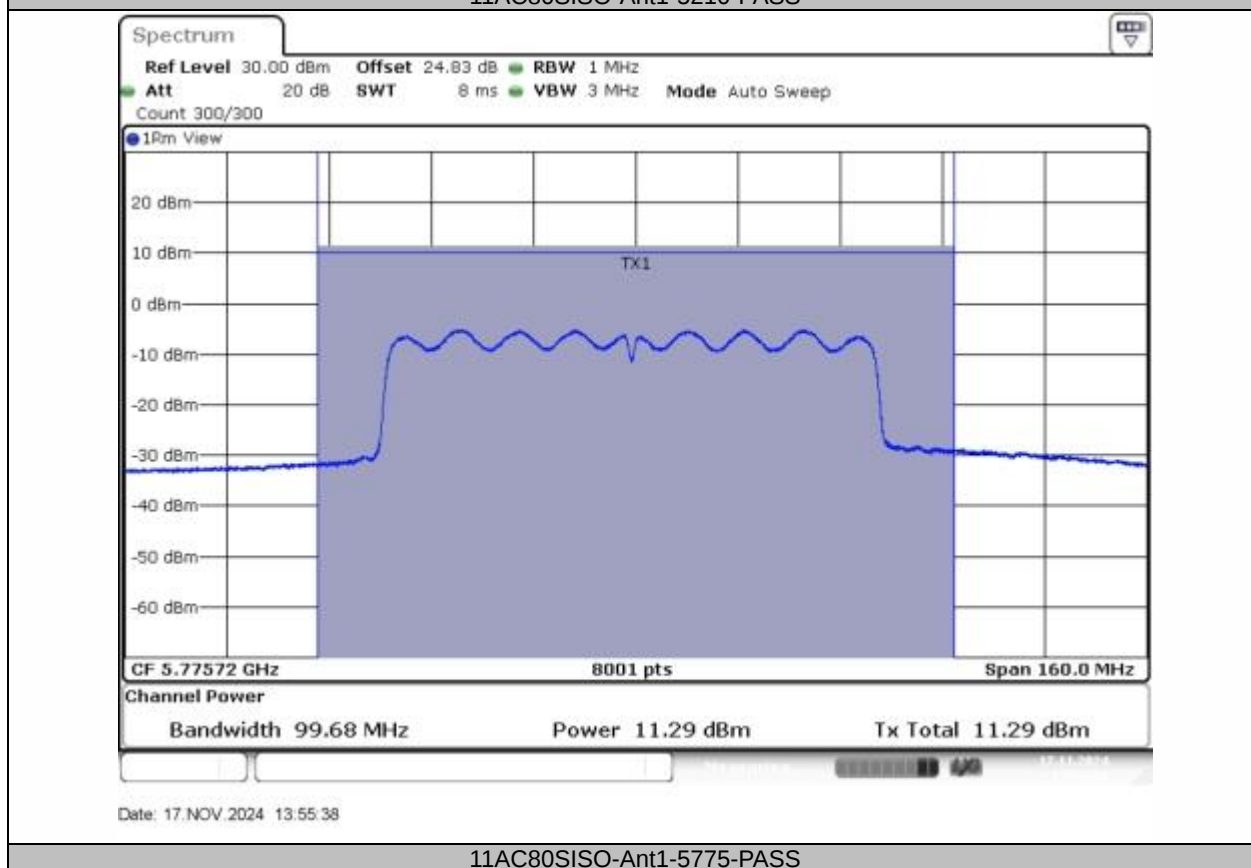
11AC40SISO-Ant1-5755-PASS



11AC40SISO-Ant1-5795-PASS



11AC80SISO-Ant1-5210-PASS



11AC80SISO-Ant1-5775-PASS