

TEST REPORT

Product Name : Dash Cam
Model Number : X800, X800-2
FCC ID : 2AOK9-X800

Prepared for : 70mai Co.,Ltd
Address : Room2220,building2,No.588,Zixingroad,MinHangDistrict,Shanghai.CHINA

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Report Number : ENS2407220144W00903R
Date(s) of Tests : August 24, 2024 to September 10, 2024
Date of issue : September 11, 2024

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Modified Information

Version	Report No.	Revision Date	Summary
Ver.1.0	ENS2407220144W00903R	/	Original Report



1 TEST RESULT CERTIFICATION

Applicant : 70mai Co.,Ltd
Address : Room2220,building2,No.588,Zixingroad,MinHangDistrict,Shanghai.CHINA
Manufacturer : 70mai Co.,Ltd
Address : Room2220,building2,No.588,Zixingroad,MinHangDistrict,Shanghai.CHINA
EUT : Dash Cam
Model Name : X800, X800-2
Trademark : N/A

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.

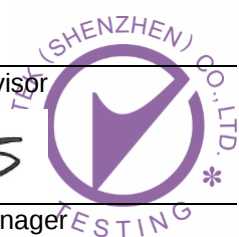
The test results of this report relate only to the tested sample identified in this report.

Date of Test : August 24, 2024 to September 10, 2024

Prepared by : 
Una Yu/Editor

Reviewer : 
Joe Xia/Supervisor

Approved & Authorized Signer : 
Lisa Wang/Manager



2 EUT TECHNICAL DESCRIPTION

Characteristics	Description
Product	Dash Cam
Model Number	X800, X800-2
Wifi Type	UNII-1: 5150MHz-5250MHz Band UNII-3: 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) 802.11ax(20MHz channel bandwidth) 802.11ax(40MHz channel bandwidth) 802.11ax(80MHz channel bandwidth)
Modulation	OFDM with BPSK/QPSK/16QAM/64QAM for 802.11a/n OFDM with BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM for 802.11ac/ax
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) 5180-5240MHz for 802.11ax(HE20) 5190-5230MHz for 802.11ax(HE40) 5210MHz for 802.11ax(HE80)
	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) 5745-5825MHz for 802.11ax(HE20) 5755-5795MHz for 802.11ax(HE40) 5775MHz for 802.11ax(HE80)
TPC Function	Not Applicable
Antenna Type	Integrated antenna
Antenna Gain	Ant1: 3.12 dBi,
Power Supply	DC 12V

Temperature Range	-10°C ~ 60°C
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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 intended for **FCC ID: 2AOK9-X800** 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	2023/10/23	1Year
EMI Test Receiver	Rohde & Schwarz	ESR7	102551	2023/10/23	1Year
Bilog Antenna	Schwarzbeck	VULB9163	9163142	2024/7/8	2Year
Horn antenna	Schwarzbeck	BBHA9120D	9120D-1198	2023/6/2	2Year
Pre-Amplifier	Bonn	BLMA 0118-5G	2213967B-01	2023/10/23	1Year
Spectrum Analyzer	Rohde & Schwarz	FSV3044	101290	2023/10/23	1Year
Horn antenna	Schwarzbeck	BBHA9170	9170-399	2023/5/12	2Year
Pre-Amplifier	Lunar EM	LNA18G26-40	J1012131010001	2024/5/11	1Year
Pre-Amplifier	Lunar EM	LNA26G40-40	J1013131028001	2024/5/11	1Year
Loop Antenna	Schwarzbeck	FMZB1519	1519-012	2023/5/12	2Year
Wideband Radio Communication Tester	R&S	CMW500	171168	2023/9/14	1Year

For Other Test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
Wideband Radio Communication Tester	R&S	CMW500	171168	2023/9/14	1Year
Spectrum Analyzer	Rohde & Schwarz	FSV40	100967	2023/5/10	1Year
Spectrum Analyzer	R&S	FSV3044	101289	2023/9/14	1Year
Analog Signal Generator	R&S	SMB100A	183237	2023/9/16	1Year
Vector Signal Generator	R&S	SMM100A	101808	2023/9/16	1Year
RF Control Unit(Power Meter)	Tonscend	JS0806-2	22C8060567	2023/9/14	1Year
Temperature&Humidity Chamber	ESPEC	EL-02KA	12107166	2024/5/10	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)/802.11ac(20)/802.11ax(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)/802.11ac(40)/802.11ax(40):

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

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

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

Test Frequency and Channels for 802.11a/n(20)/802.11ac(20)/802.11ax(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)/802.11ac(40)/802.11ax(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)/802.11ax(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 5725MHz-5850MHz

Frequency and Channels list for 802.11a/n(20)/802.11ac(20)/802.11ax(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)/802.11ac(40)/802.11ax(40):

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

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

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

Test Frequency and Channels for 802.11a/n(20)/802.11ac(20)/802.11ax(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)/802.11ac(40)/802.11ax(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)/802.11ax(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: 3.12dBi

Directional gain = $10 \log [(10^{/20})^2/2]$ dBi=N/A dBi

5 FACILITIES AND ACCREDITATIONS

5.1 FACILITIES

All measurement facilities used to collect the measurement data are located at:

Bldg 69, Majialong Industry Zone District, Nanshan District, Shenzhen, China

The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 22.

5.2 LABORATORY ACCREDITATIONS AND LISTINGS

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

6 TEST SYSTEM UNCERTAINTY

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

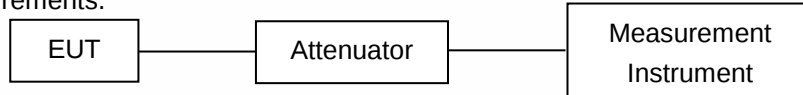
Parameter	Uncertainty
Radio Frequency	$\pm 1 \times 10^{-5}$
Maximum Peak Output Power Test	$\pm 1.0\text{dB}$
Conducted Emissions Test	$\pm 2.0\text{dB}$
Radiated Emission Test	$\pm 2.0\text{dB}$
Power Density	$\pm 2.0\text{dB}$
Occupied Bandwidth Test	$\pm 1.0\text{dB}$
Band Edge Test	$\pm 3\text{dB}$
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:

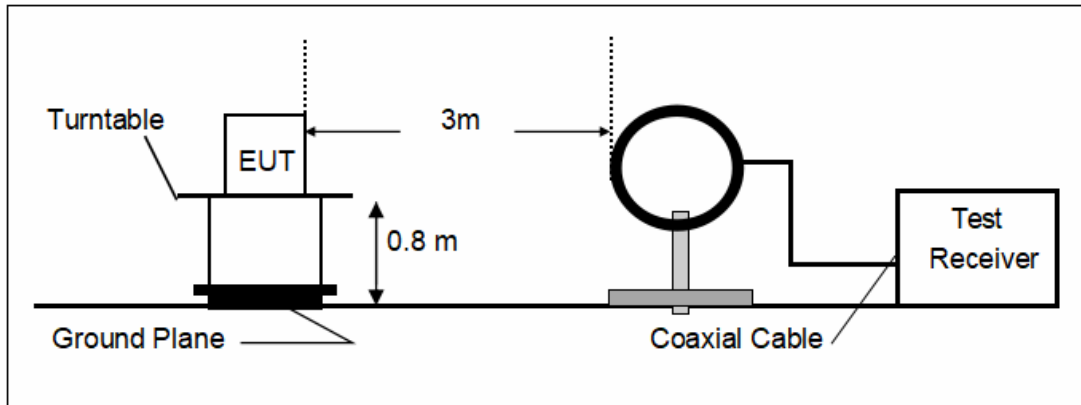
The EUT is placed on a turntable 0.8 meters above the ground in the chamber, 3 meter away from the antenna. The maximal emission value is acquired by adjusting the antenna height, polarisation and turntable azimuth. Normally, the height range of antenna is 1 m to 4 m, the azimuth range of turntable is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

Above 1GHz:

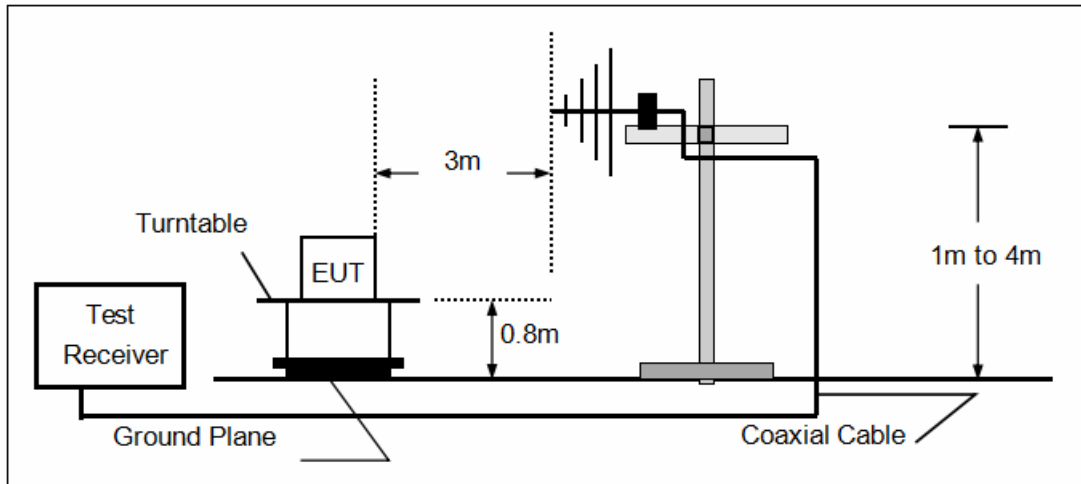
(Note: the FCC's permission to use 1.5m as an alternative per TCBC Conf call of Dec. 2, 2014.)

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).

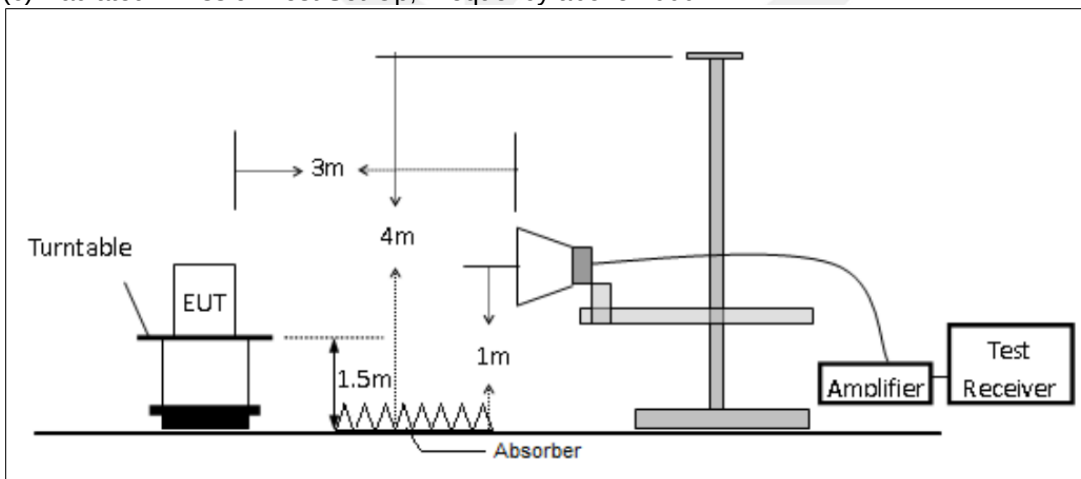
(a) Radiated Emission Test Set-Up, Frequency Below 30MHz



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



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

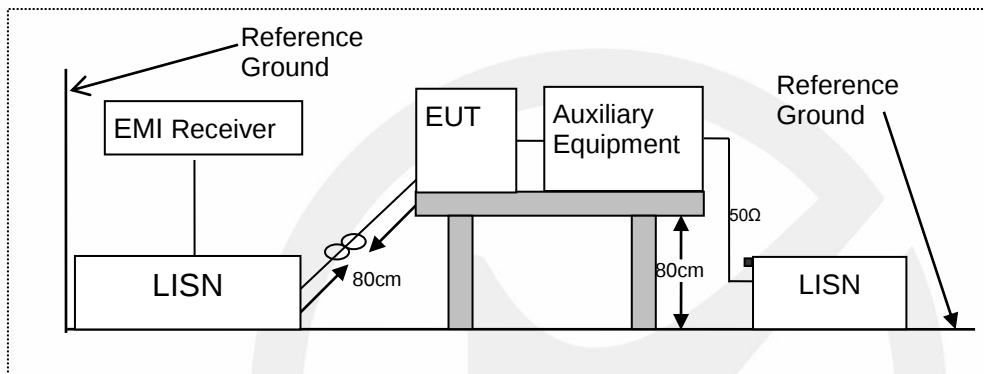


7.3 CONDUCTED EMISSION TEST SETUP

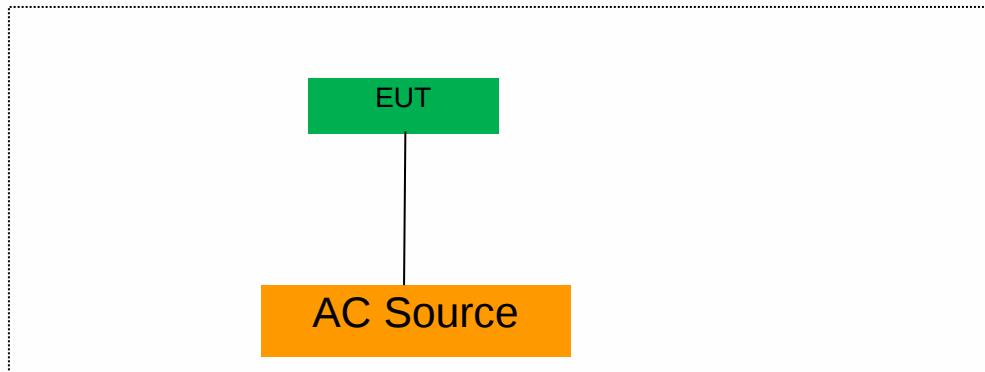
The mains cable of the EUT (maybe per AC/DC Adapter) must be connected to LISN. The LISN shall be placed 0.8 m from the boundary of EUT and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance is between the closest points of the LISN and the EUT. All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

/ /

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.
- 3.Unless otherwise denoted as EUT in 'Remark' column , device(s) used in tested system is a support equipment.

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:

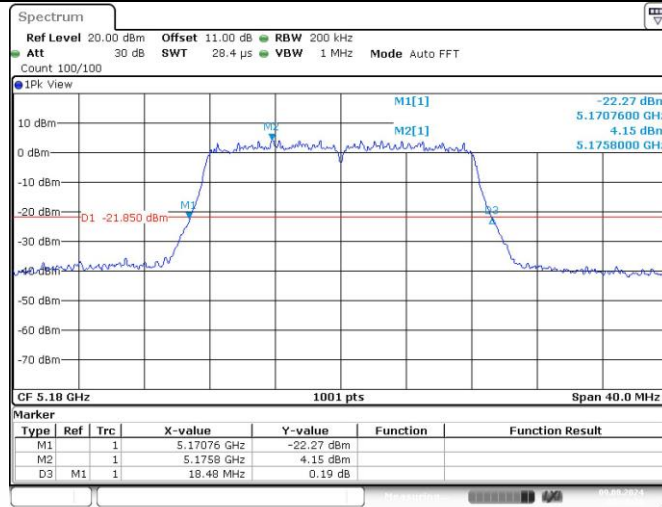
1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW.
4. Set VBW $\geq 3 \times$ RBW.
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, 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°C ATM Pressure: 1011 mbar
Humidity : 45 % Test Engineer: XXH

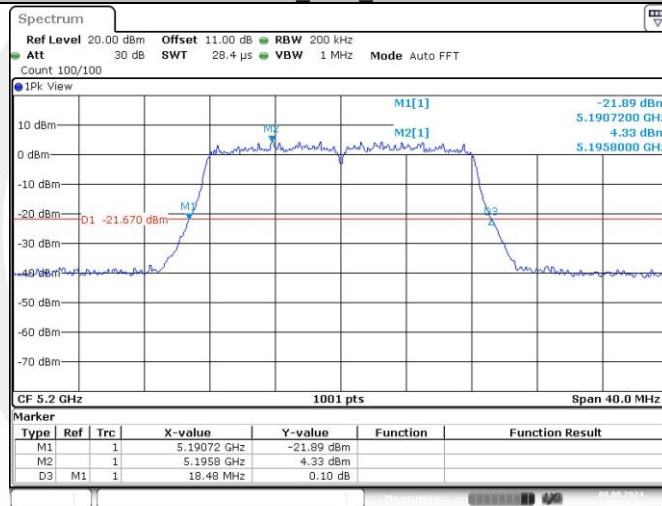
Emission Bandwidth (26dB)

TestMode	Antenna	Freq(MHz)	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.48	5170.76	5189.24	---	---
		5200	18.48	5190.72	5209.20	---	---
		5240	18.52	5230.76	5249.28	---	---
		5745	18.48	5735.76	5754.24	---	---
		5785	18.48	5775.76	5794.24	---	---
		5825	18.52	5815.72	5834.24	---	---
11N20SISO	Ant1	5180	19.48	5170.28	5189.76	---	---
		5200	19.48	5190.28	5209.76	---	---
		5240	19.44	5230.28	5249.72	---	---
		5745	19.48	5735.24	5754.72	---	---
		5785	19.52	5775.28	5794.80	---	---
		5825	19.48	5815.28	5834.76	---	---
11N40SISO	Ant1	5190	39.60	5170.24	5209.84	---	---
		5230	39.60	5210.16	5249.76	---	---
		5755	39.92	5735.00	5774.92	---	---
		5795	39.84	5775.08	5814.92	---	---
11AC20SISO	Ant1	5180	19.44	5170.28	5189.72	---	---
		5200	19.44	5190.28	5209.72	---	---
		5240	19.44	5230.28	5249.72	---	---
		5745	19.44	5735.28	5754.72	---	---
		5785	19.48	5775.24	5794.72	---	---
		5825	19.44	5815.28	5834.72	---	---
11AC40SISO	Ant1	5190	39.44	5170.24	5209.68	---	---
		5230	39.44	5210.16	5249.60	---	---
		5755	39.28	5735.40	5774.68	---	---
		5795	39.36	5775.24	5814.60	---	---
11AC80SISO	Ant1	5210	79.36	5170.16	5249.52	---	---
		5775	79.68	5735.16	5814.84	---	---
11AX20SISO	Ant1	5180	20.36	5169.80	5190.16	---	---
		5200	20.36	5189.80	5210.16	---	---
		5240	20.36	5229.80	5250.16	---	---
		5745	20.36	5734.80	5755.16	---	---
		5785	20.32	5774.84	5795.16	---	---
		5825	20.36	5814.80	5835.16	---	---
11AX40SISO	Ant1	5190	40.08	5169.92	5210.00	---	---
		5230	40.16	5209.84	5250.00	---	---
		5755	40.00	5735.00	5775.00	---	---
		5795	40.08	5774.92	5815.00	---	---
11AX80SISO	Ant1	5210	80.64	5169.68	5250.32	---	---
		5775	80.32	5734.84	5815.16	---	---



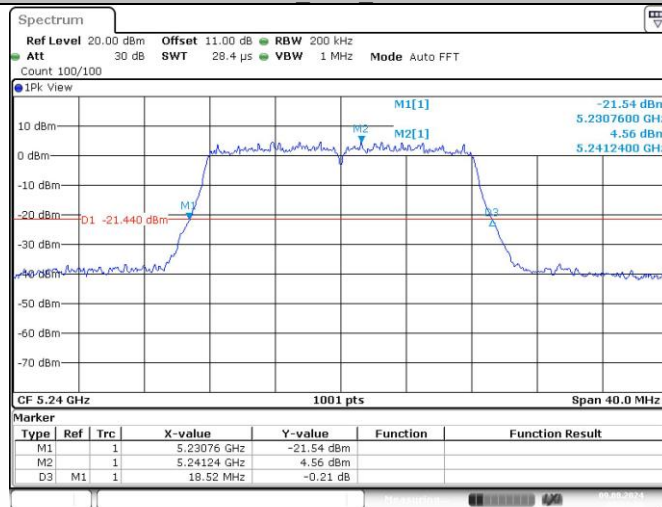
Date: 9.AUG 2024 09:19:21

11A Ant1 5180



Date: 9.AUG 2024 09:27:22

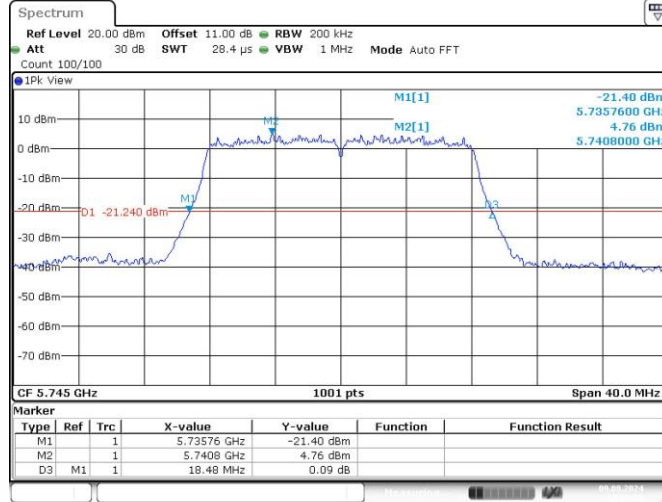
11A Ant1 5200



Date: 9.AUG 2024 09:32:38

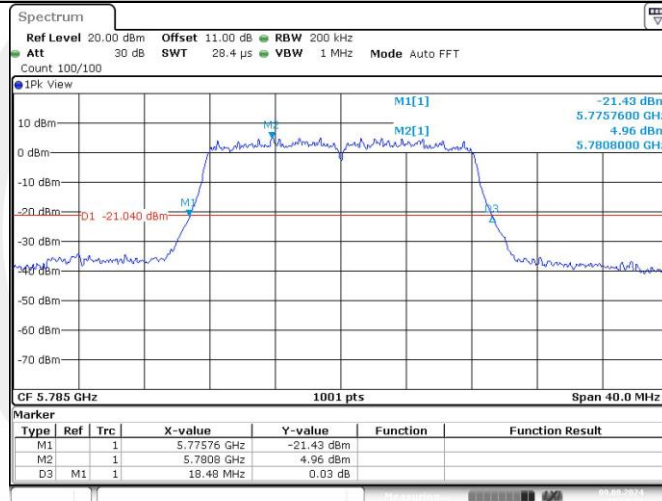
11A Ant1 5240

11A_Ant1_5700



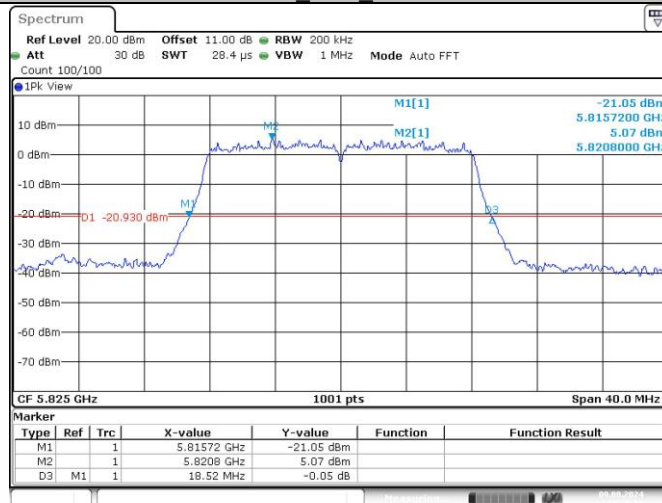
Date: 9.AUG 2024 10:02:53

11A_Ant1_5745



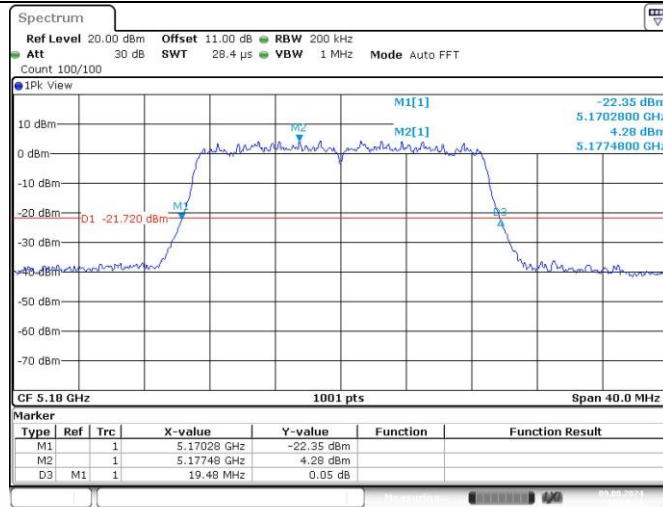
Date: 9.AUG 2024 10:07:16

11A_Ant1_5785



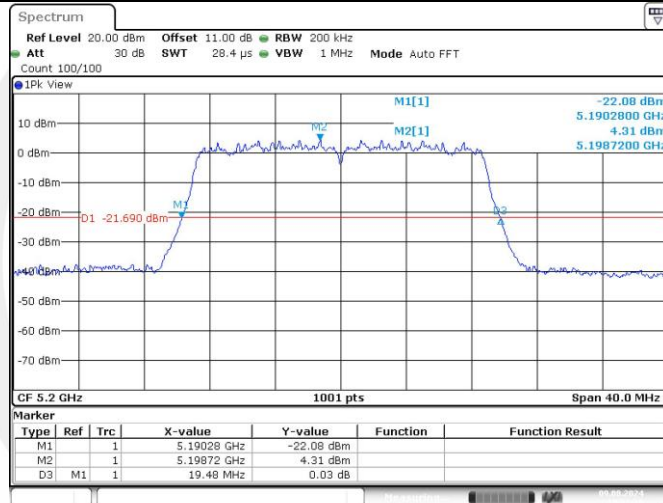
Date: 9.AUG 2024 10:10:36

11A_Ant1_5825



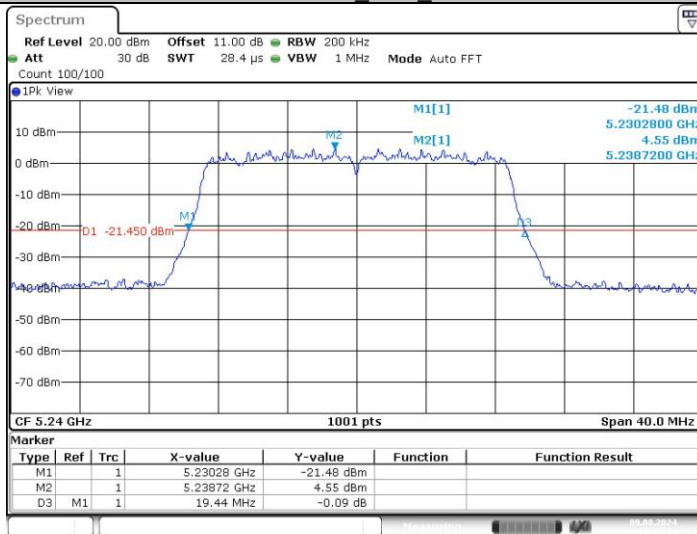
Date: 9.AUG 2024 10:18:18

11N20SISO Ant1 5180



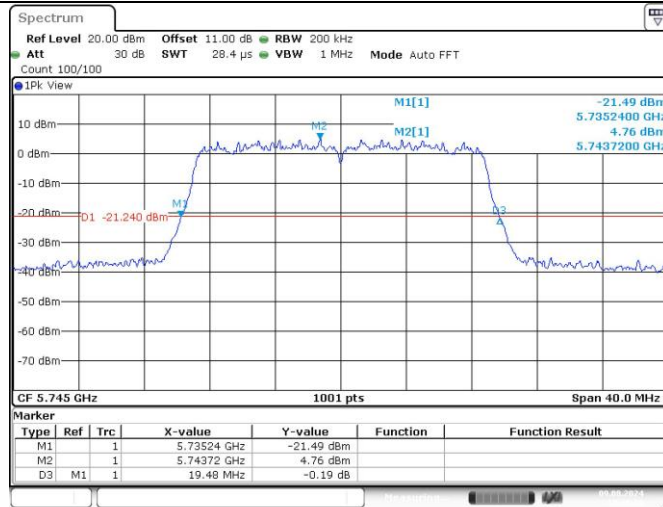
Date: 9.AUG 2024 10:21:11

11N20SISO Ant1 5200



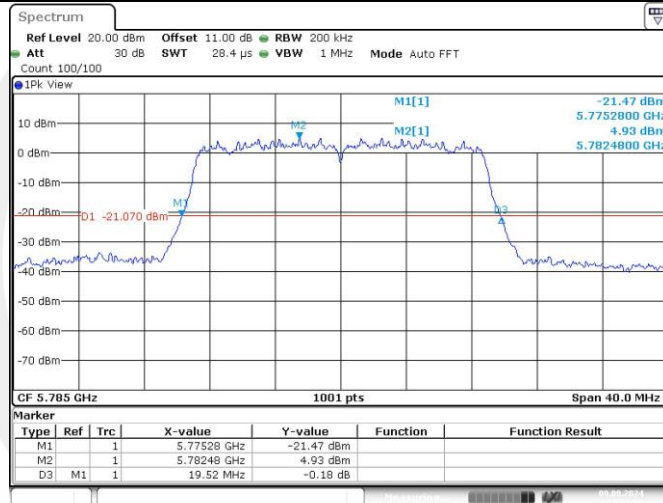
Date: 9.AUG 2024 10:26:14

11N20SISO Ant1 5240



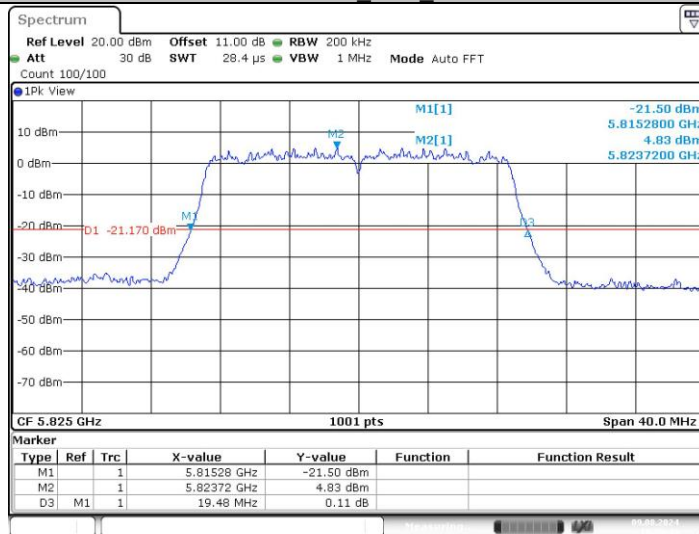
Date: 9.AUG 2024 10:48:38

11N20SISO Ant1 5745



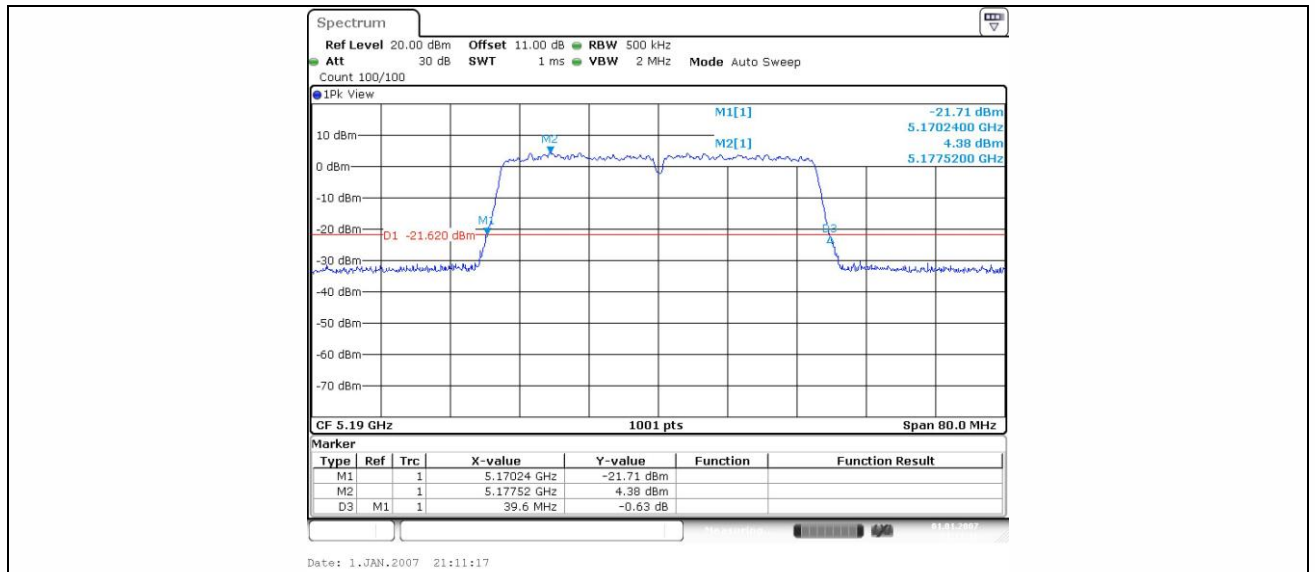
Date: 9.AUG 2024 10:51:07

11N20SISO Ant1 5785

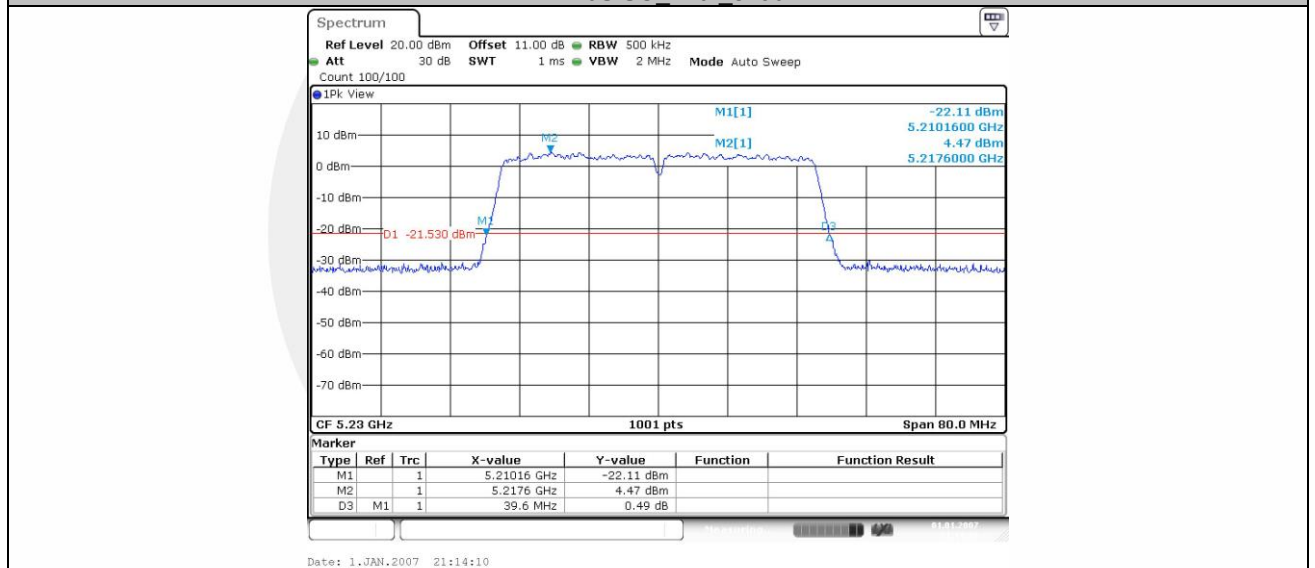


Date: 9.AUG 2024 10:58:44

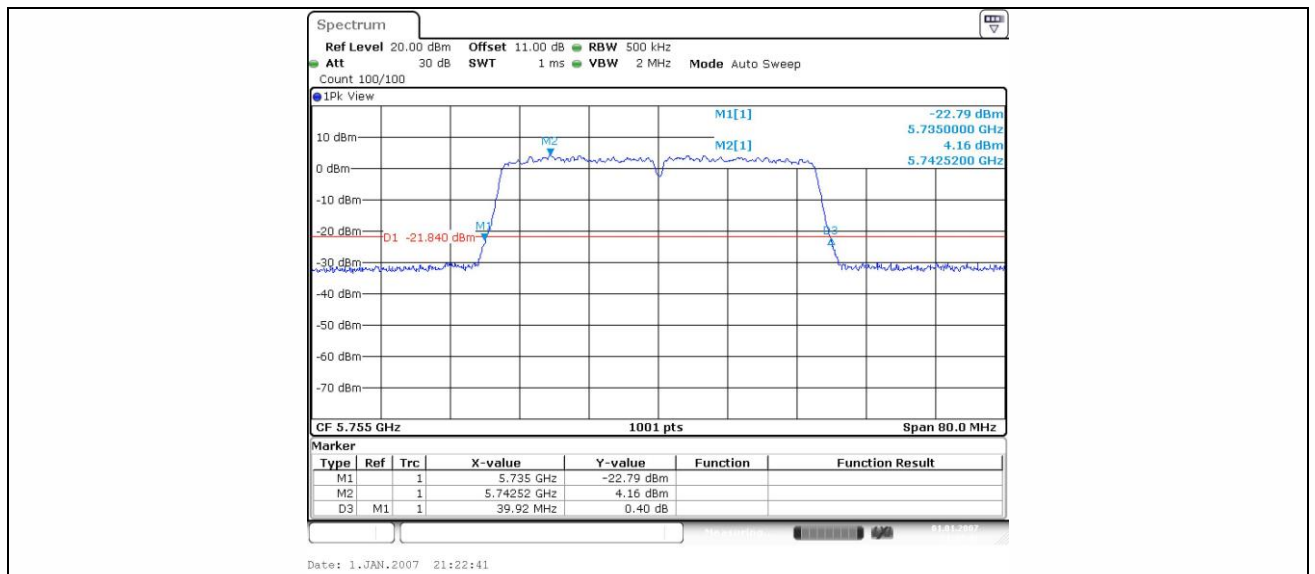
11N20SISO Ant1 5825



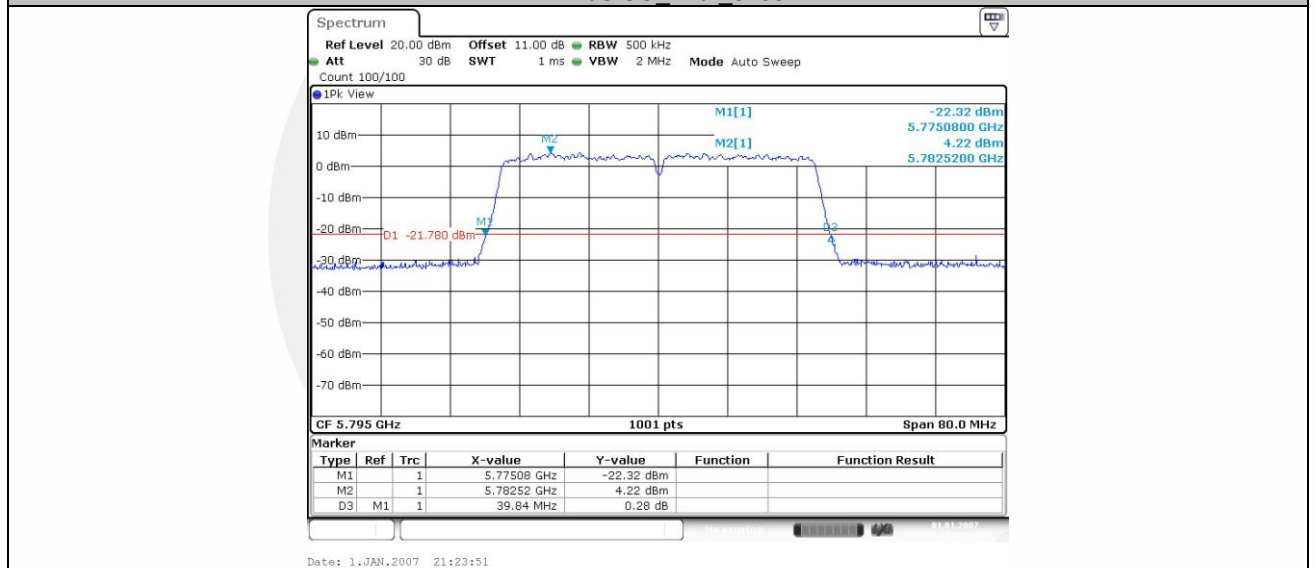
11N40SISO_Ant1_5190



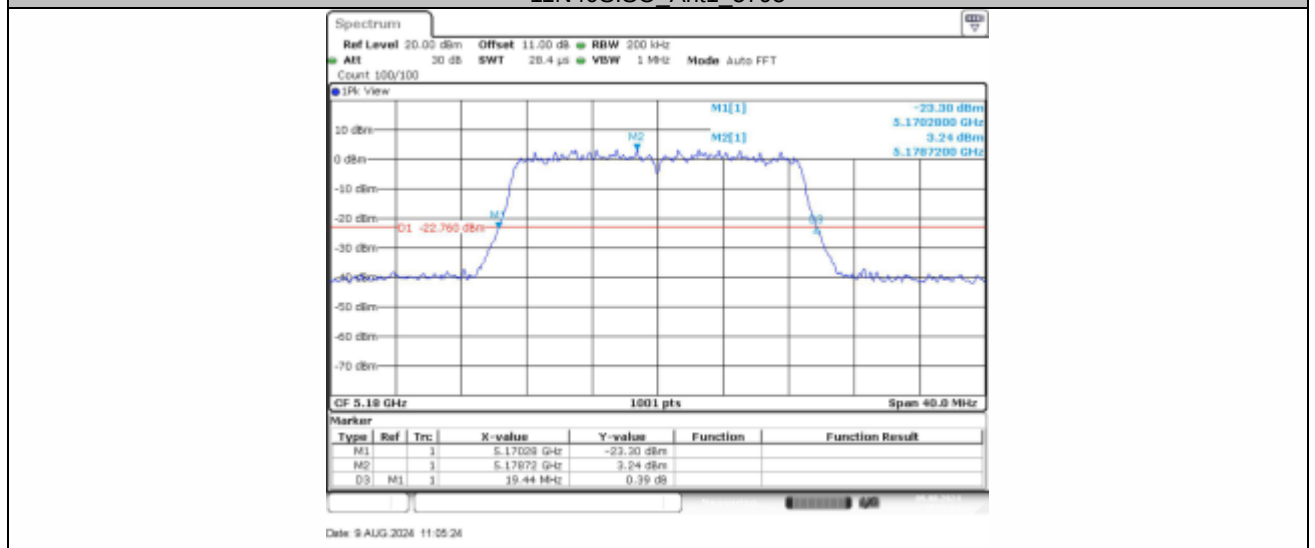
11N40SISO_Ant1_5230



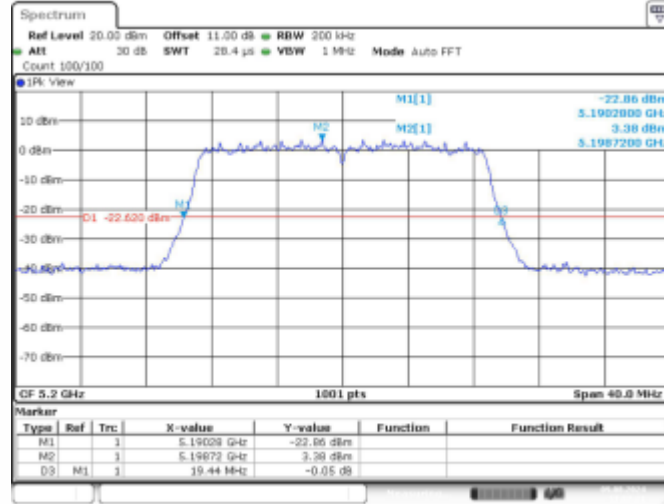
11N40SISO_Ant1_5755



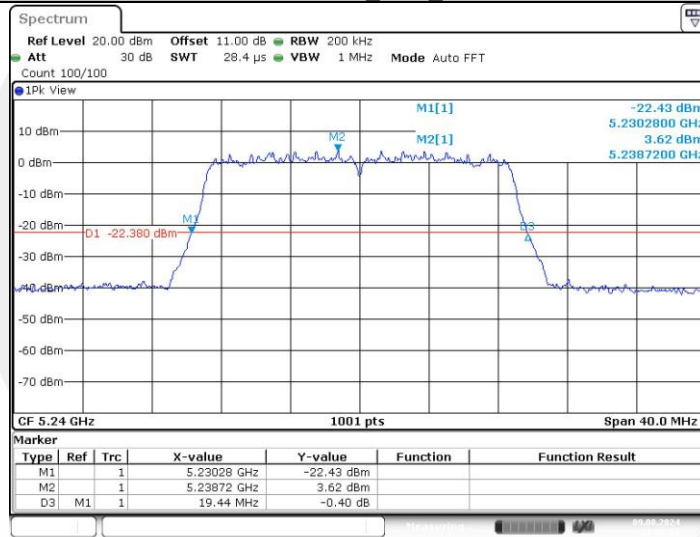
11N40SISO_Ant1_5795



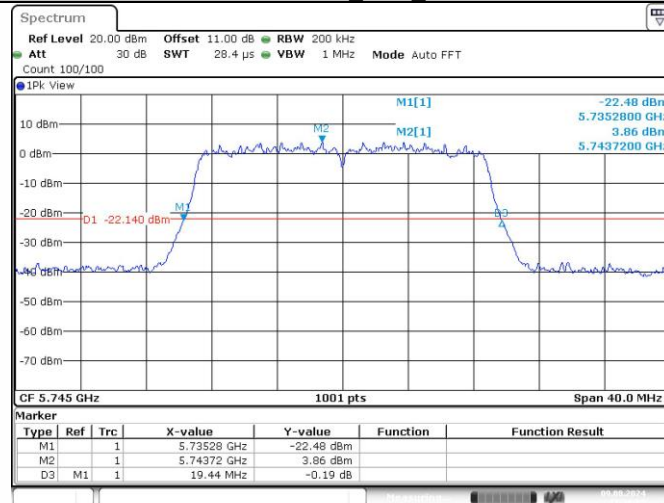
11AC20SISO Ant1 5180



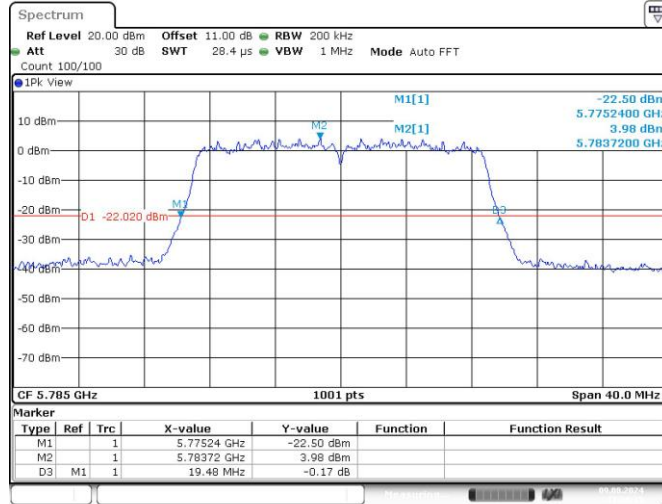
11AC20SISO Ant1 5200



11AC20SISO Ant1 5240

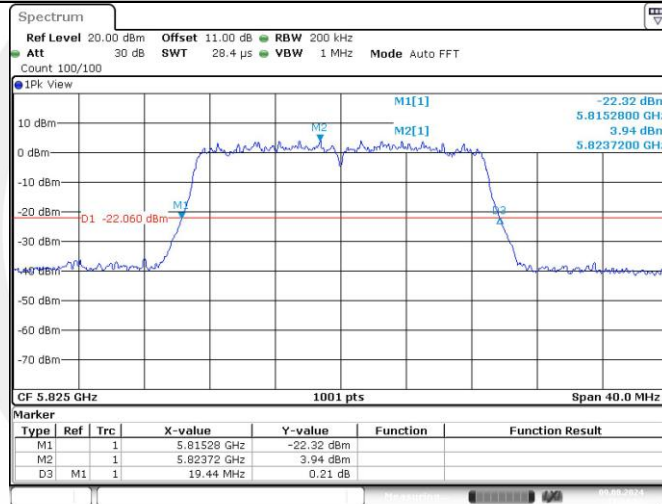


11AC20SISO_Ant1_5745



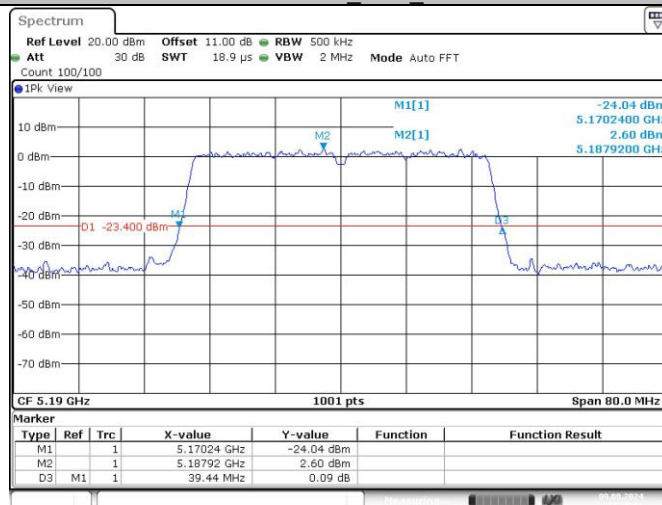
Date: 9.AUG 2024 11:30:15

11AC20SISO_Ant1_5785



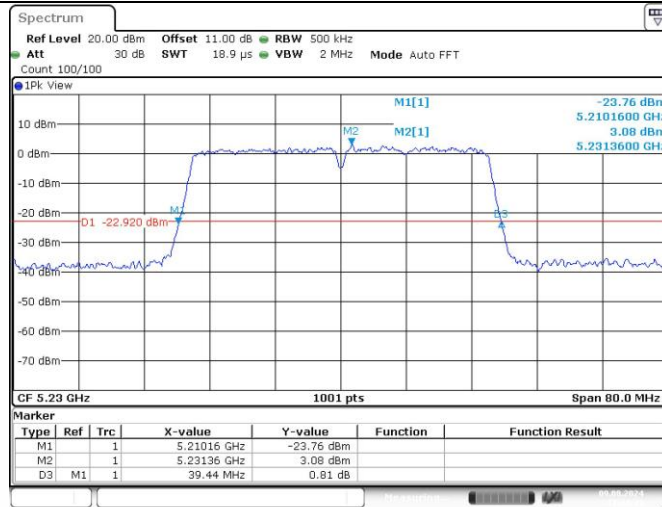
Date: 9.AUG 2024 11:34:52

11AC20SISO_Ant1_5825



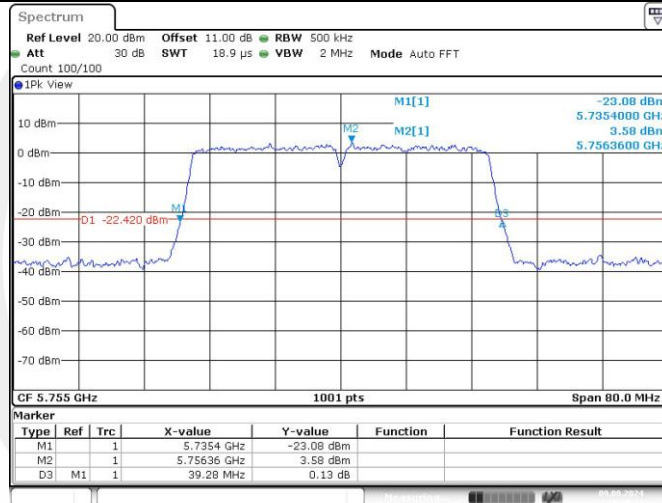
Date: 9.AUG 2024 11:40:01

11AC40SISO_Ant1_5190



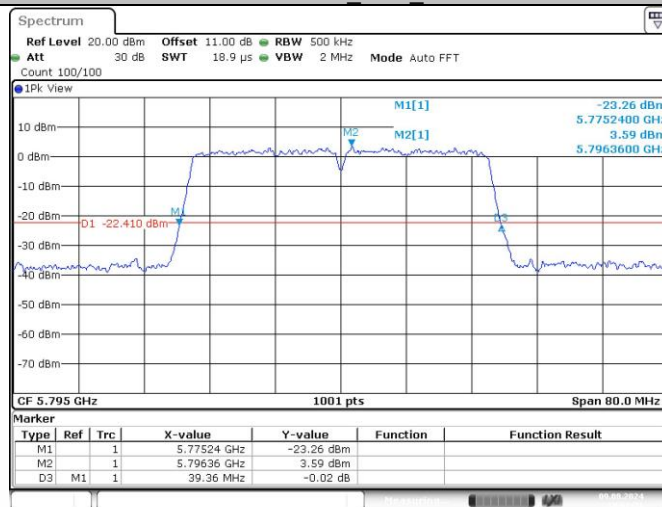
Date: 9.AUG 2024 11:44:33

11AC40SISO Ant1 5230



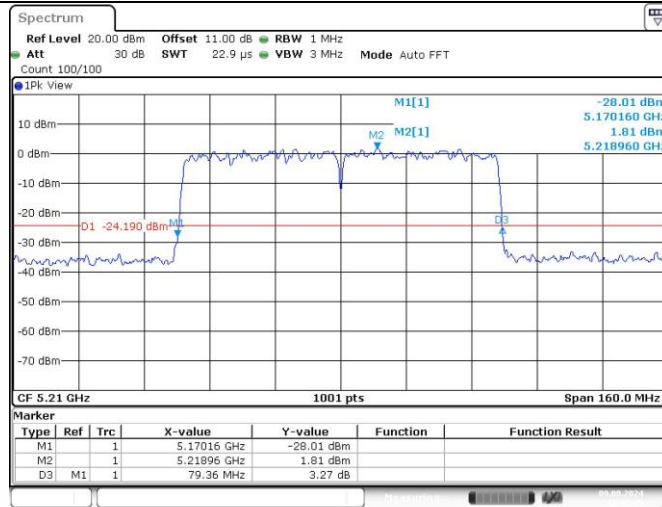
Date: 9.AUG 2024 12:00:12

11AC40SISO Ant1 5755



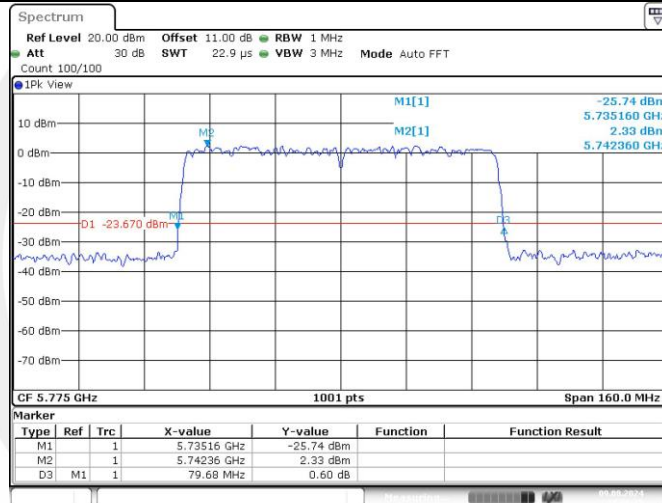
Date: 9.AUG 2024 12:02:22

11AC40SISO Ant1 5795



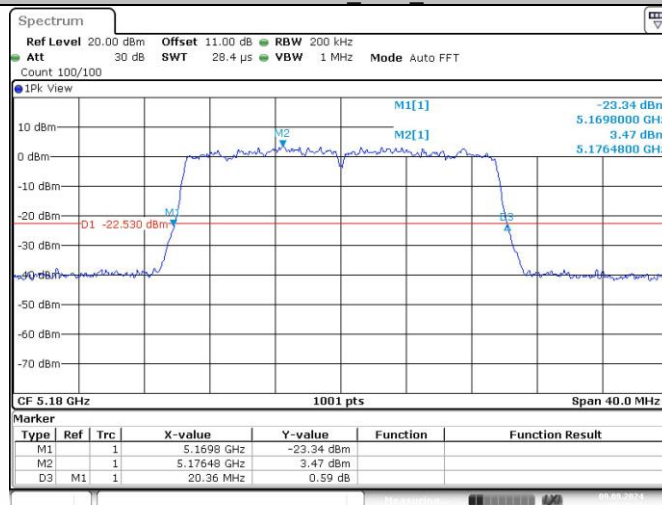
Date: 9.AUG 2024 12:05:45

11AC80SISO Ant1 5210



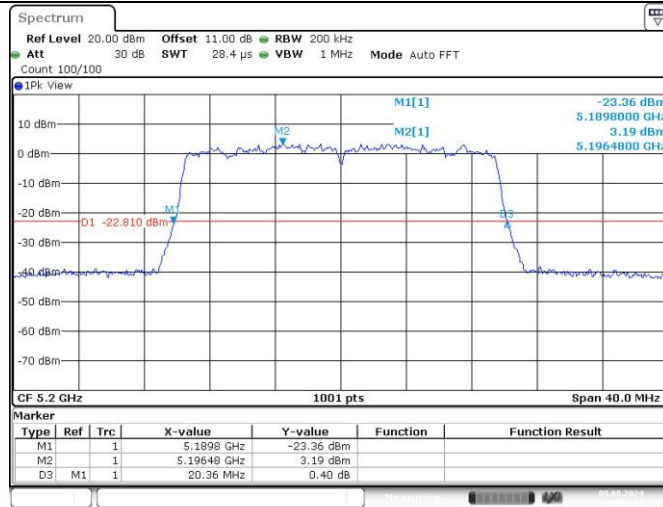
Date: 9.AUG 2024 14:36:15

11AC80SISO Ant1 5775



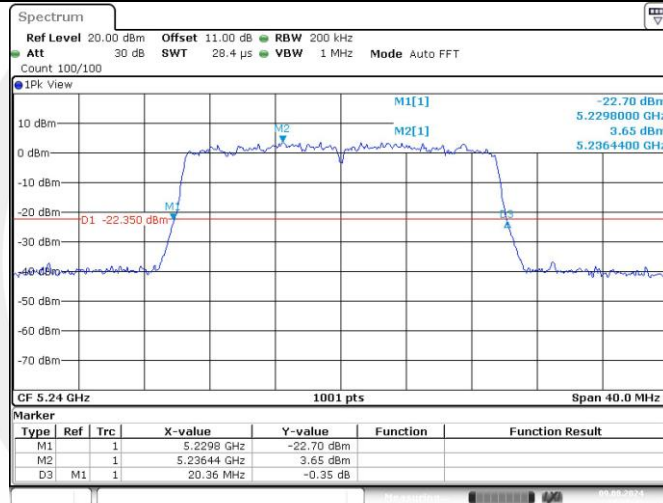
Date: 9.AUG 2024 14:19:42

11AX20SISO Ant1 5180



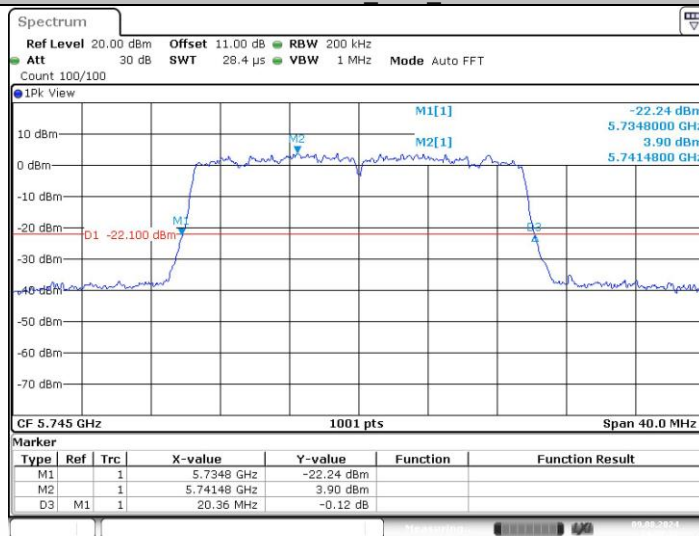
Date: 9.AUG 2024 14:24:13

11AX20SISO Ant1 5200



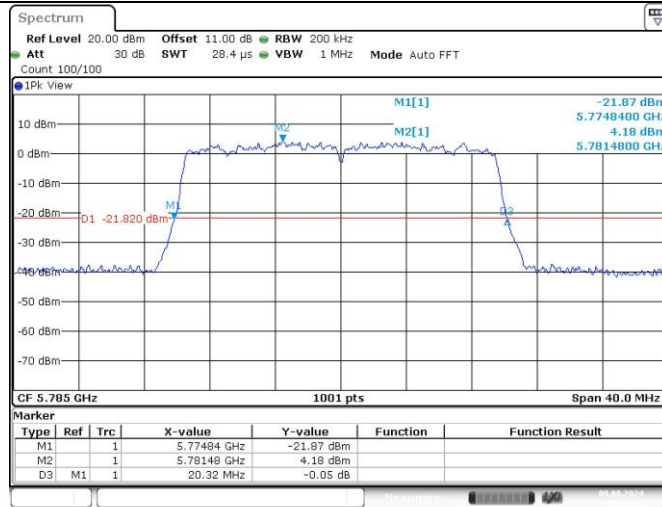
Date: 9.AUG 2024 14:27:32

11AX20SISO Ant1 5240



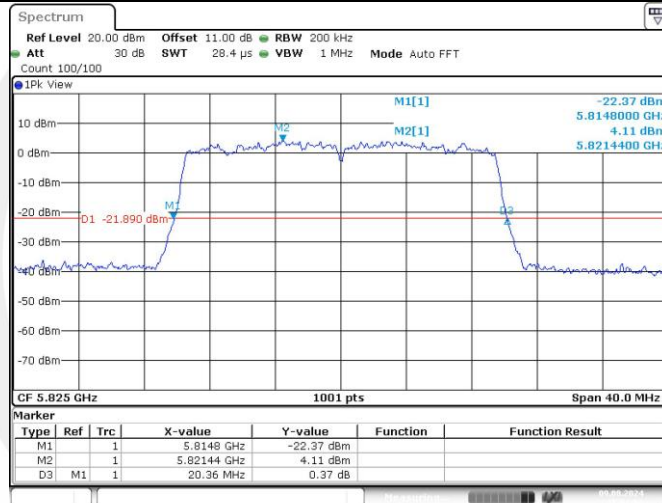
Date: 9.AUG 2024 14:57:32

11AX20SISO Ant1 5745



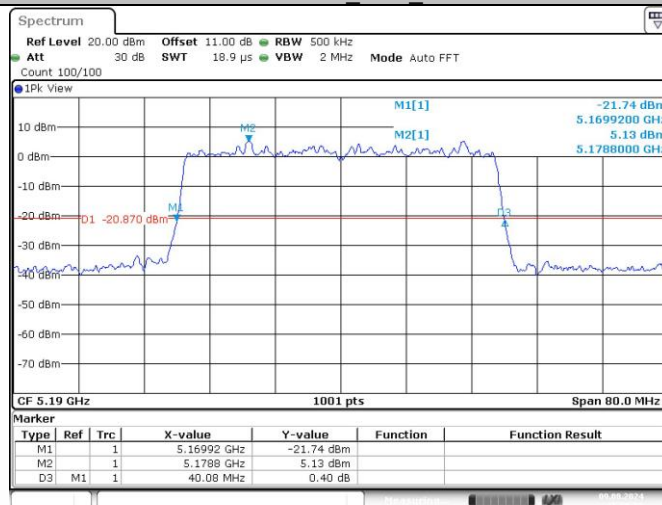
Date: 9.AUG 2024 14:59:42

11AX20SISO Ant1 5785



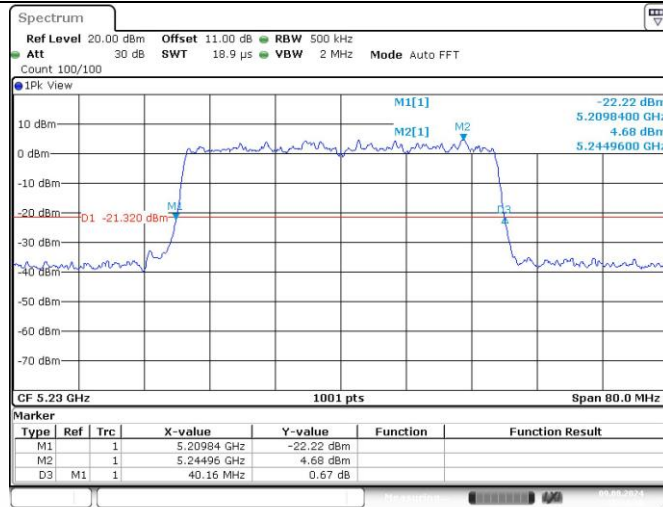
Date: 9.AUG 2024 15:01:53

11AX20SISO Ant1 5825



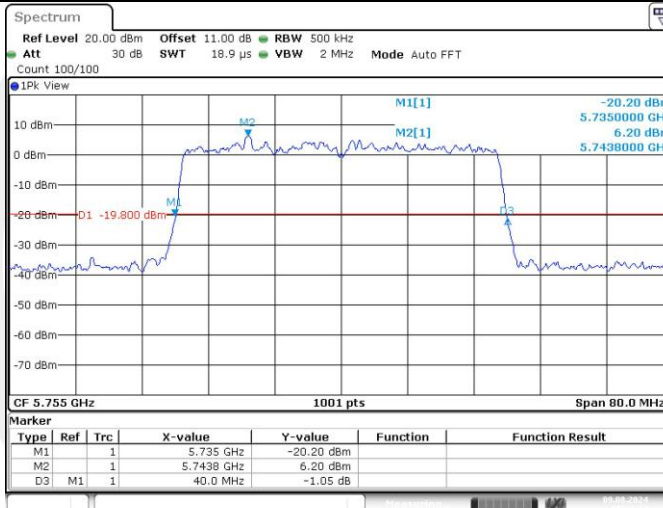
Date: 9.AUG 2024 15:05:52

11AX40SISO Ant1 5190



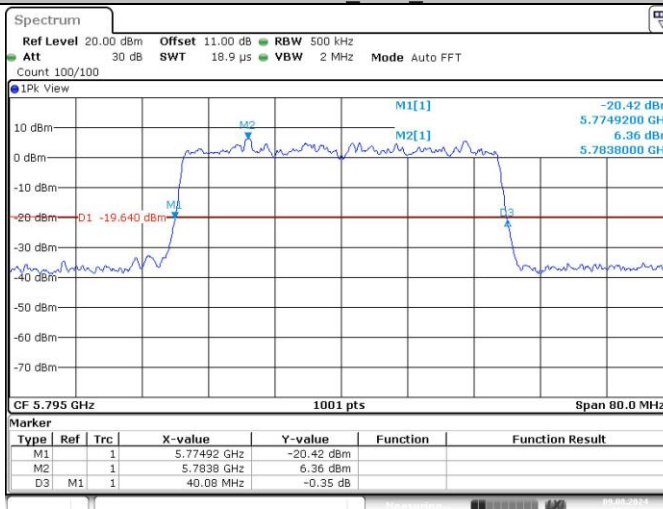
Date: 9 AUG 2024 15:14:11

11AX40SISO_Ant1_5230



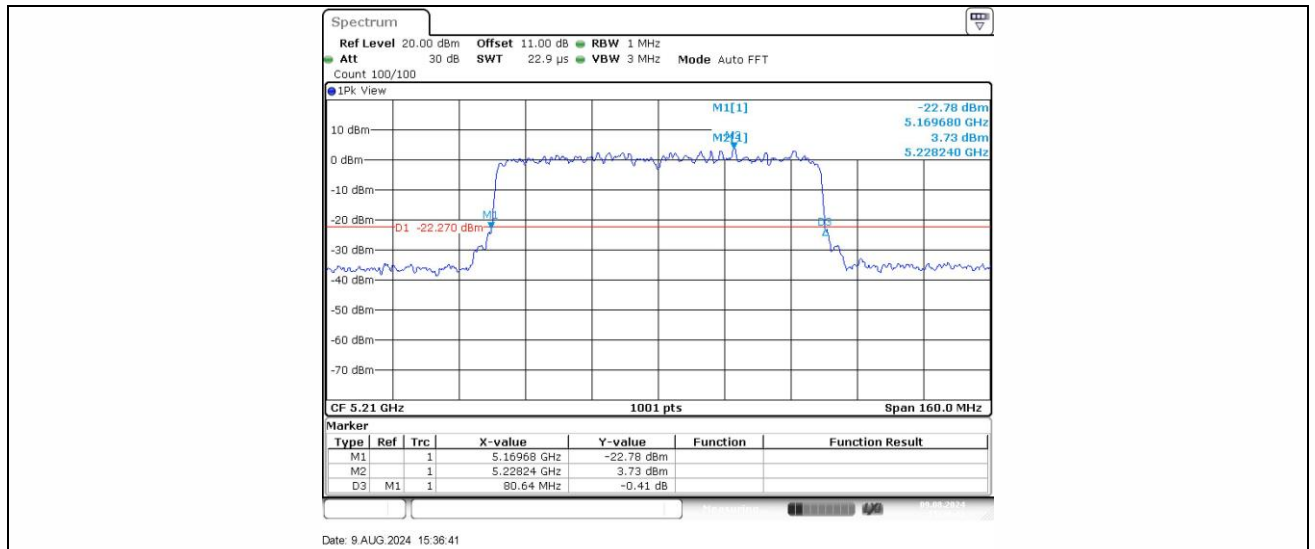
Date: 9 AUG 2024 15:29:07

11AX40SISO_Ant1_5755

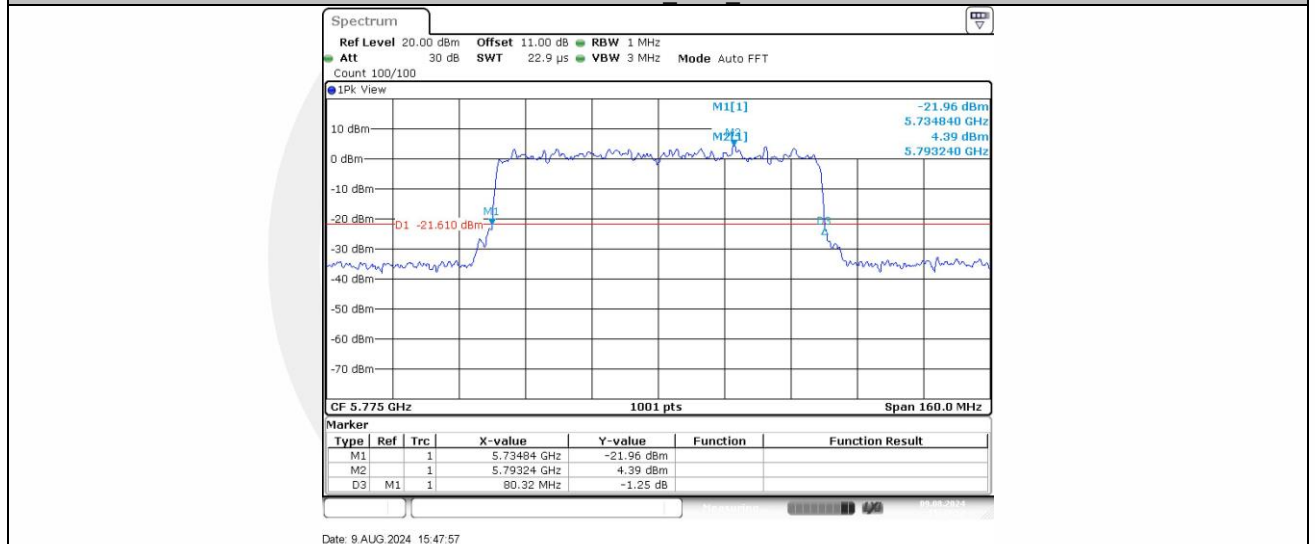


Date: 9 AUG 2024 15:32:29

11AX40SISO_Ant1_5795



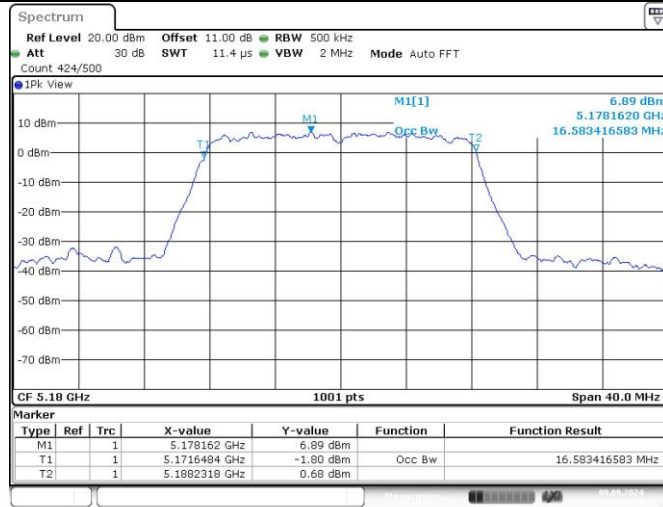
11AX80SISO Ant1 5210



11AX80SISO Ant1 5775

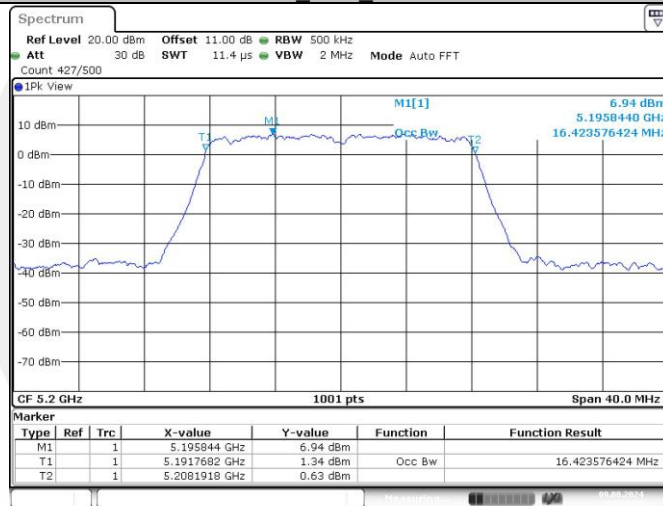
Occupied channel bandwidth (99%)

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.583	5171.6484	5188.2318	---	---
		5200	16.424	5191.7682	5208.1918	---	---
		5240	16.543	5231.7283	5248.2717	---	---
		5745	16.583	5736.6883	5753.2717	---	---
		5785	16.464	5776.7682	5793.2318	---	---
		5825	16.583	5816.7283	5833.3117	---	---
11N20SISO	Ant1	5180	17.582	5171.1688	5188.7512	---	---
		5200	17.702	5191.1289	5208.8312	---	---
		5240	17.662	5231.1289	5248.7912	---	---
		5745	17.662	5736.1688	5753.8312	---	---
		5785	17.622	5776.1688	5793.7912	---	---
		5825	17.622	5816.1289	5833.7512	---	---
11N40SISO	Ant1	5190	36.204	5171.9381	5208.1419	---	---
		5230	36.204	5211.9381	5248.1419	---	---
		5755	36.204	5736.9381	5773.1419	---	---
		5795	36.204	5776.9381	5813.1419	---	---
11AC20SISO	Ant1	5180	17.582	5171.1688	5188.7512	---	---
		5200	17.662	5191.1289	5208.7912	---	---
		5240	17.622	5231.2088	5248.8312	---	---
		5745	17.622	5736.1688	5753.7912	---	---
		5785	17.622	5776.1688	5793.7912	---	---
		5825	17.582	5816.1688	5833.7512	---	---
11AC40SISO	Ant1	5190	36.284	5171.8581	5208.1419	---	---
		5230	36.284	5211.8581	5248.1419	---	---
		5755	36.204	5736.9381	5773.1419	---	---
		5795	36.364	5776.7782	5813.1419	---	---
11AC80SISO	Ant1	5210	76.244	5171.7982	5248.0420	---	---
		5775	75.764	5737.4376	5813.2018	---	---
11AX20SISO	Ant1	5180	18.901	5170.5295	5189.4306	---	---
		5200	18.981	5190.4895	5209.4705	---	---
		5240	18.941	5230.4895	5249.4306	---	---
		5745	19.021	5735.4496	5754.4705	---	---
		5785	18.901	5775.4895	5794.3906	---	---
		5825	18.861	5815.5295	5834.3906	---	---
11AX40SISO	Ant1	5190	37.882	5170.9790	5208.8611	---	---
		5230	37.802	5211.1389	5248.9411	---	---
		5755	37.962	5735.9790	5773.9411	---	---
		5795	37.882	5775.9790	5813.8611	---	---
11AX80SISO	Ant1	5210	77.363	5171.4785	5248.8412	---	---
		5775	77.043	5736.6384	5813.6813	---	---



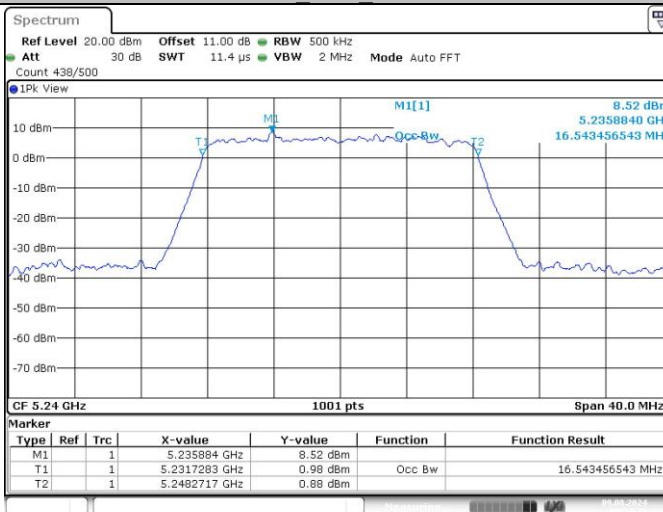
Date: 9 AUG 2024 09:19:26

11A Ant1 5180



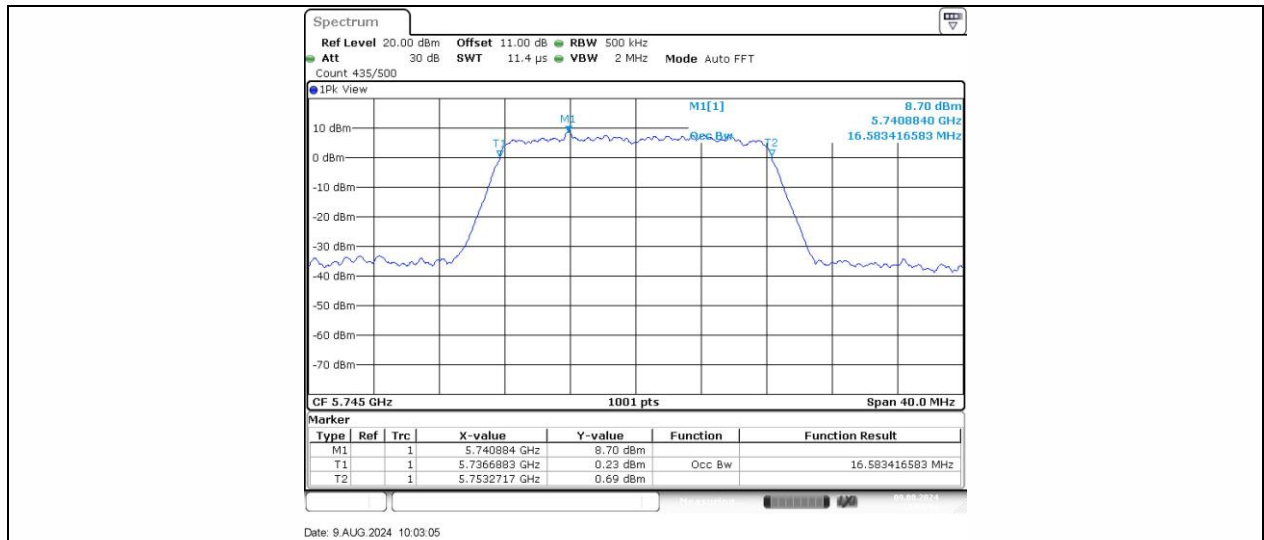
Date: 9 AUG 2024 09:27:27

11A Ant1 5200

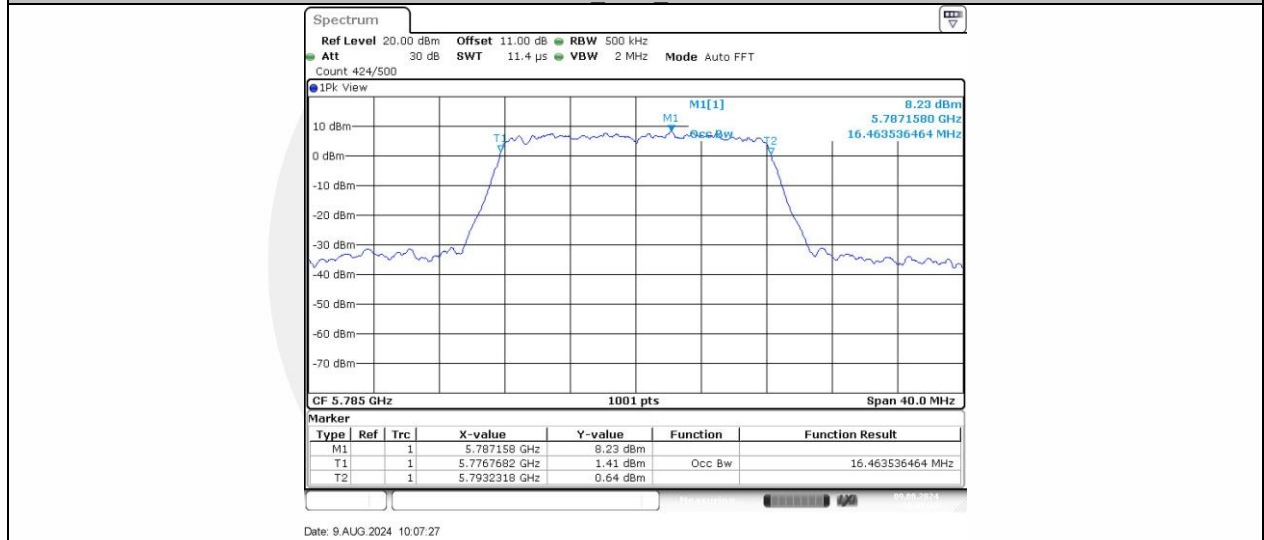


Date: 9 AUG 2024 09:32:44

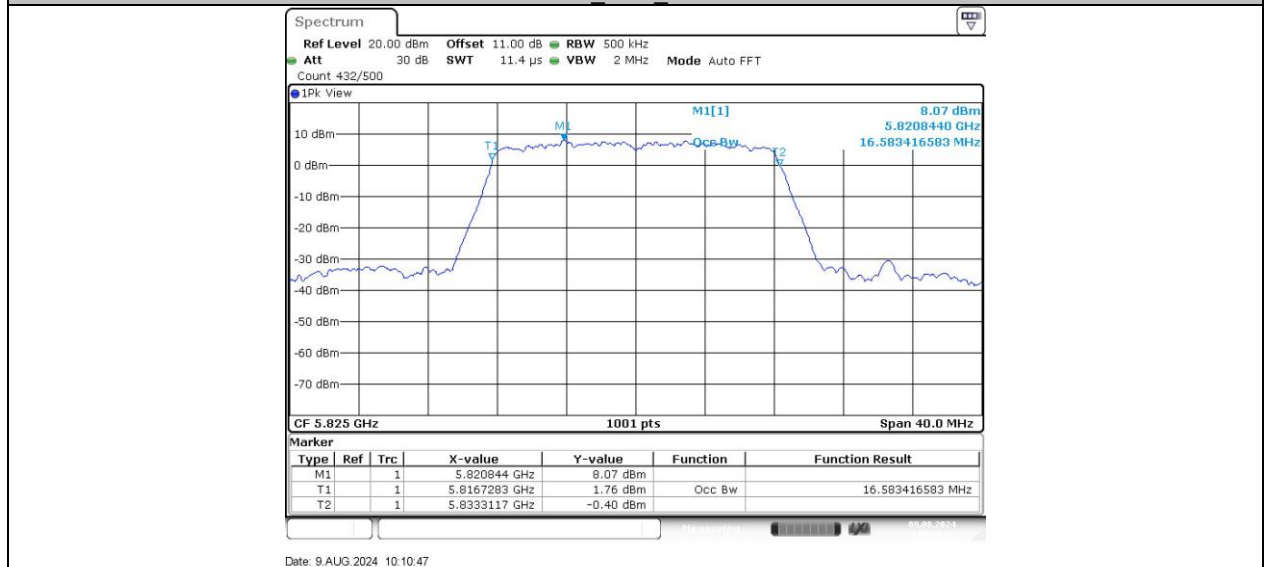
11A Ant1 5240



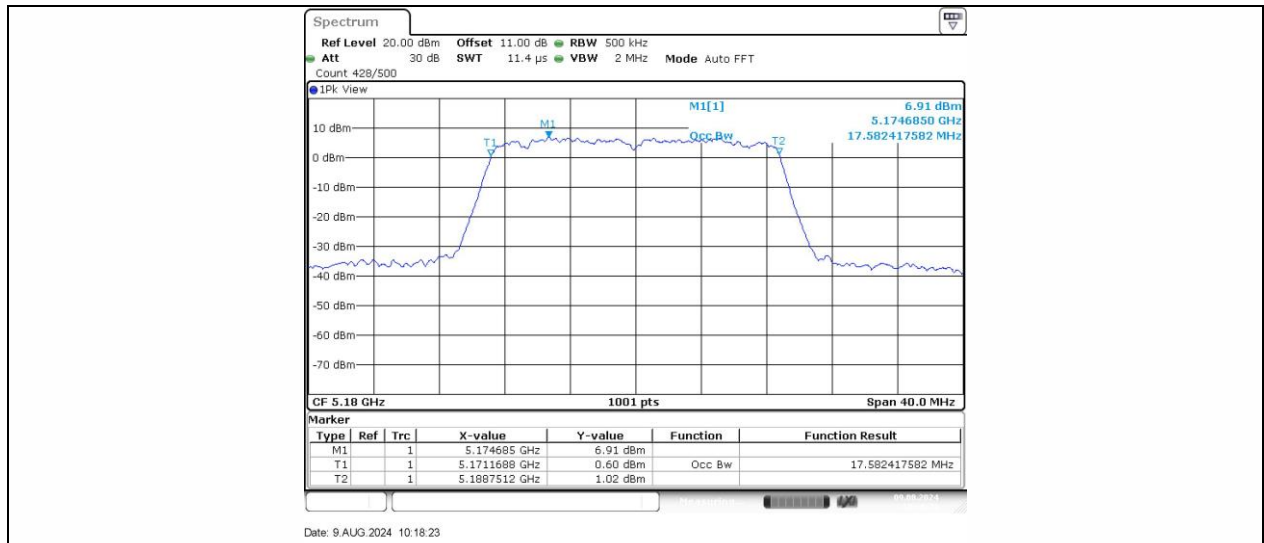
11A_Ant1_5745



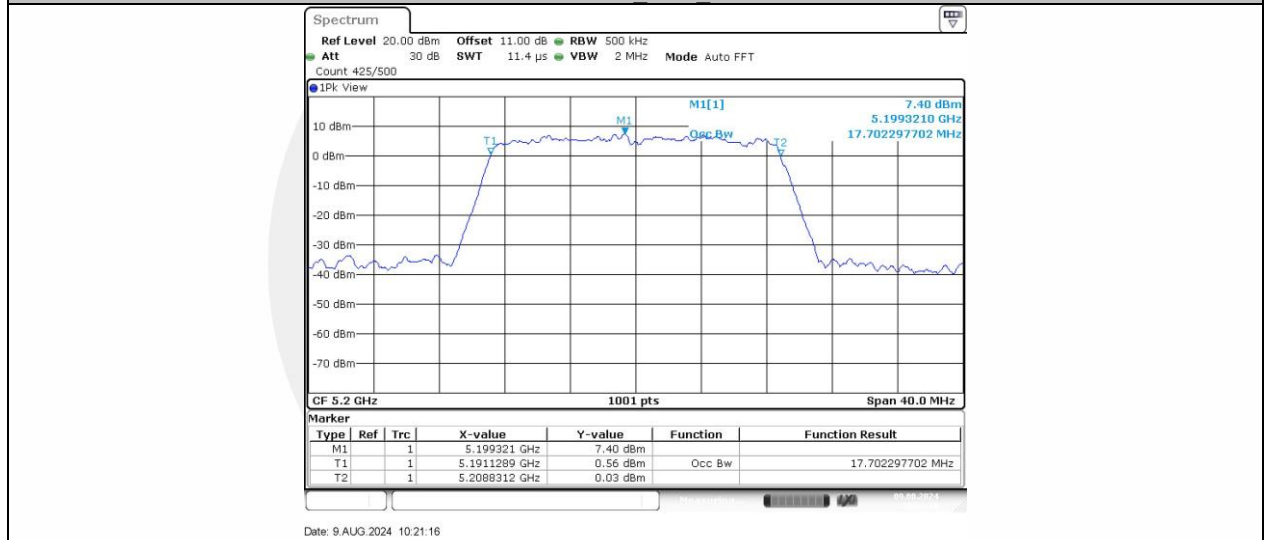
11A_Ant1_5785



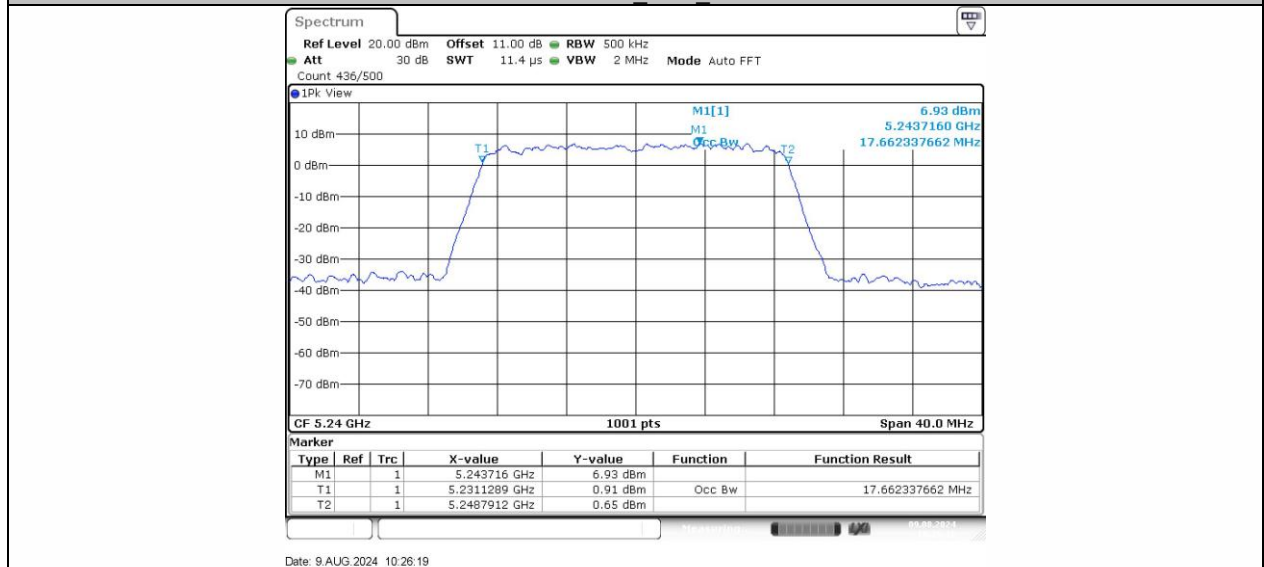
11A_Ant1_5825



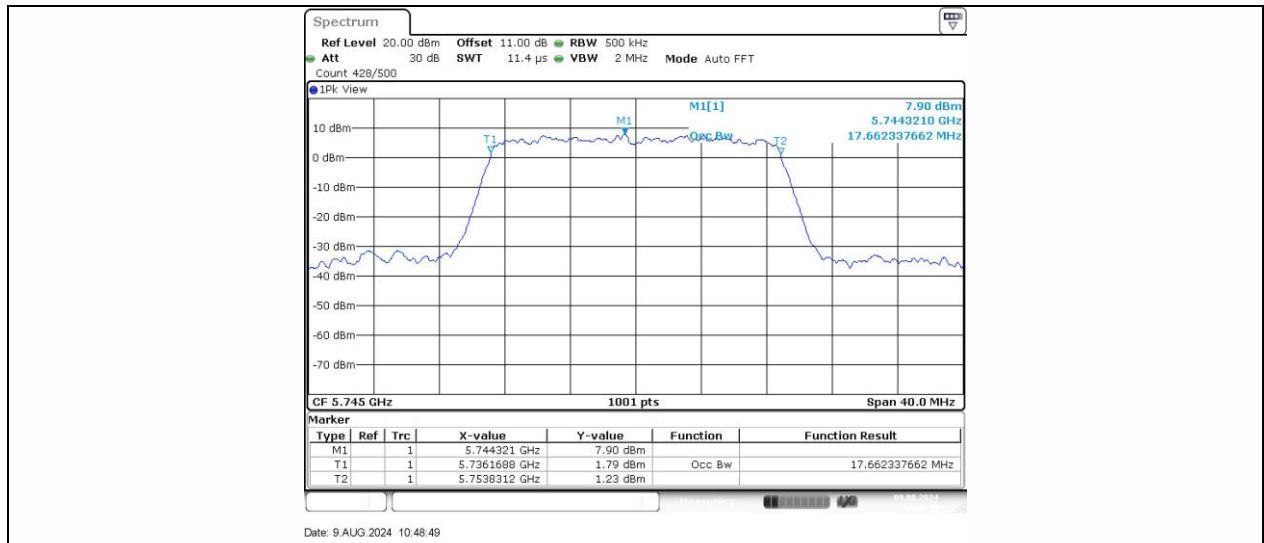
11N20SISO Ant1 5180



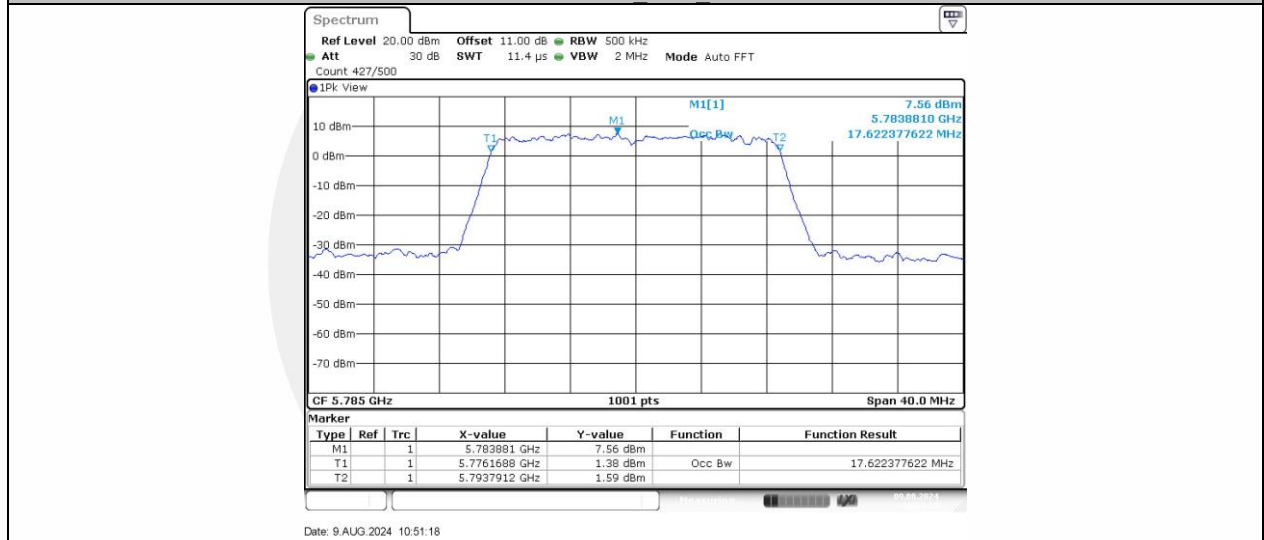
11N20SISO Ant1 5200



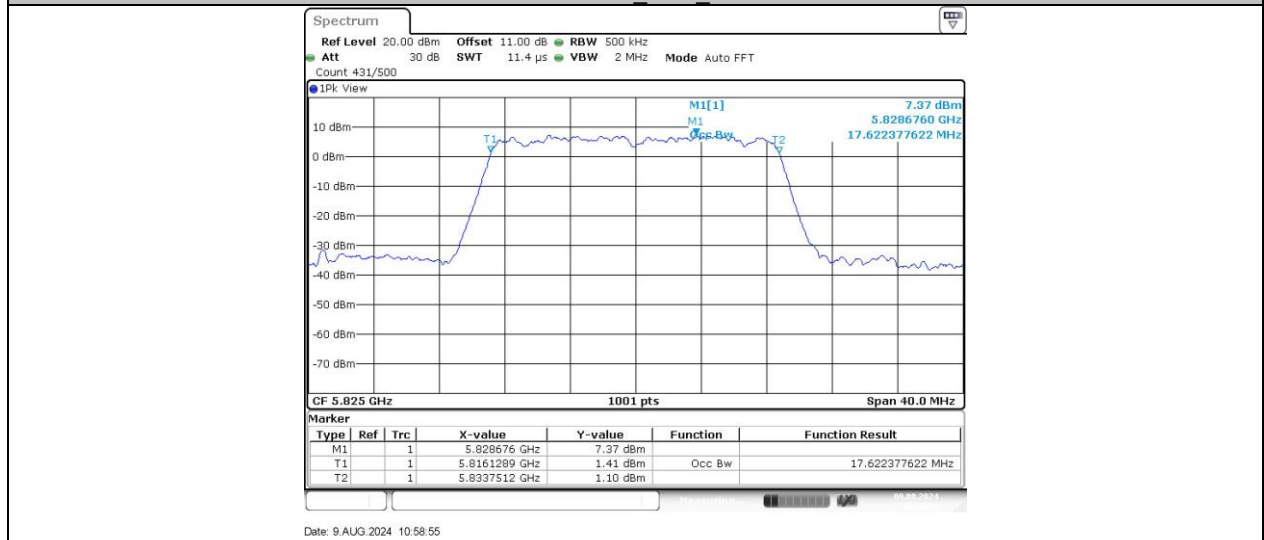
11N20SISO Ant1 5240



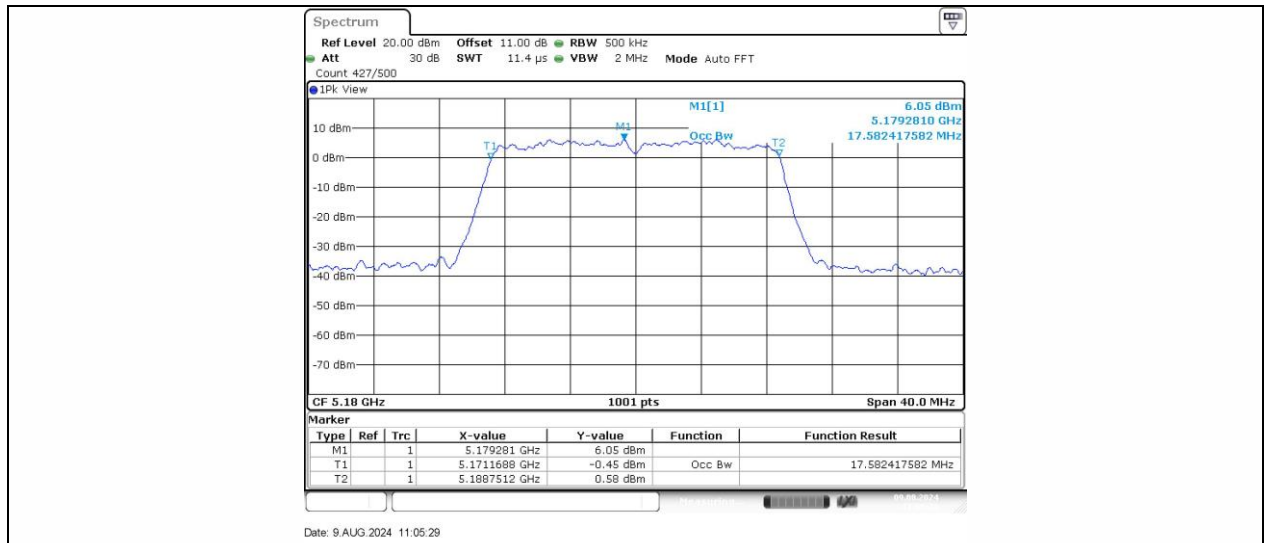
11N20SISO Ant1 5745



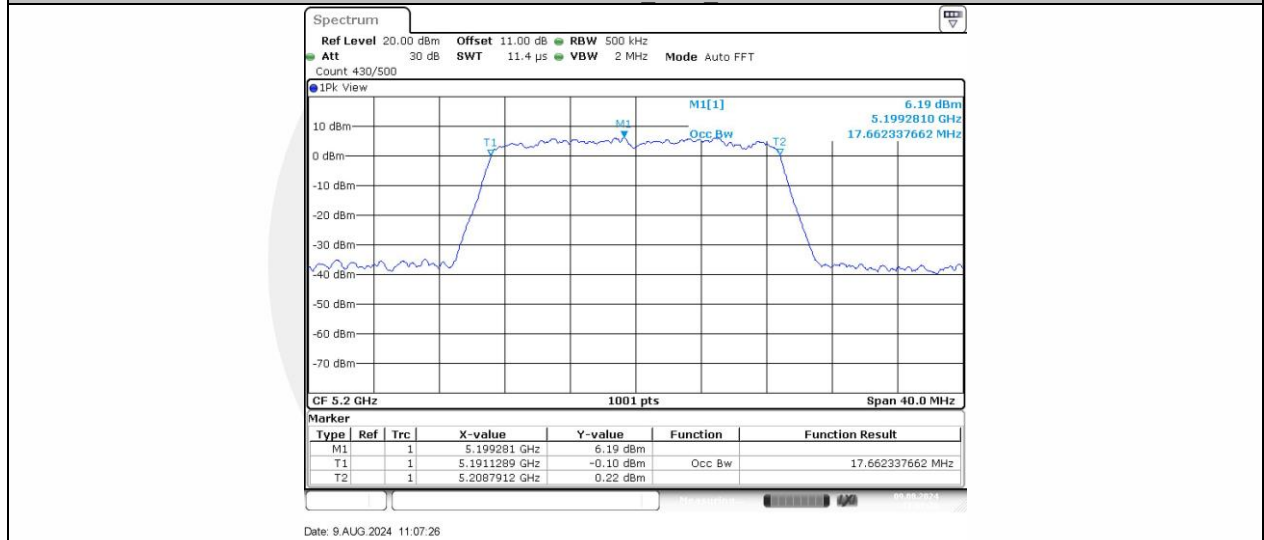
11N20SISO Ant1 5785



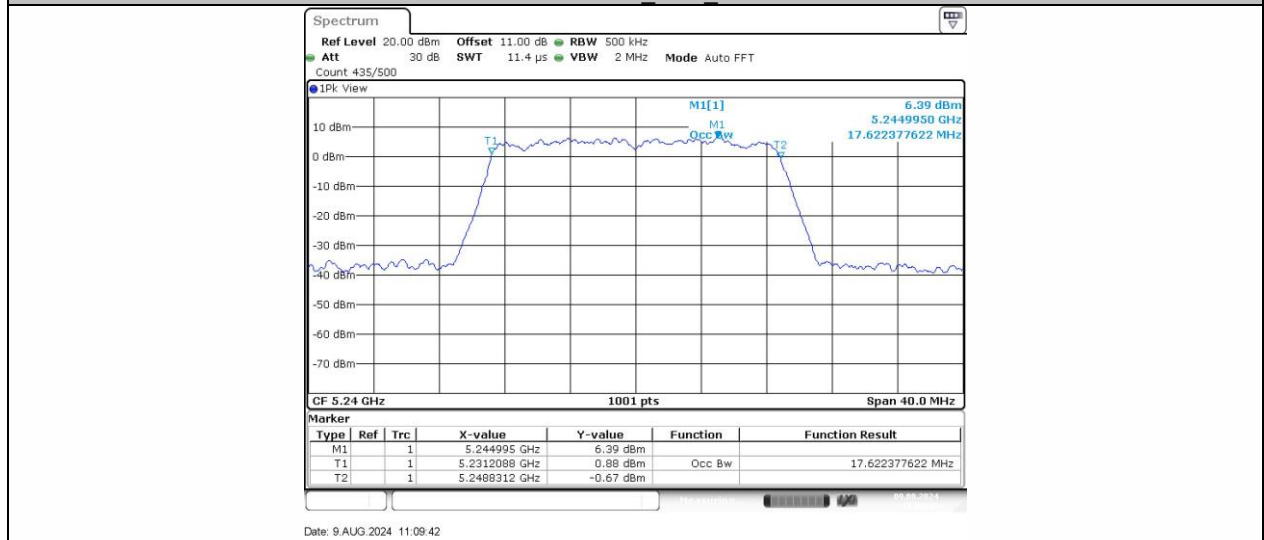
11N20SISO Ant1 5825



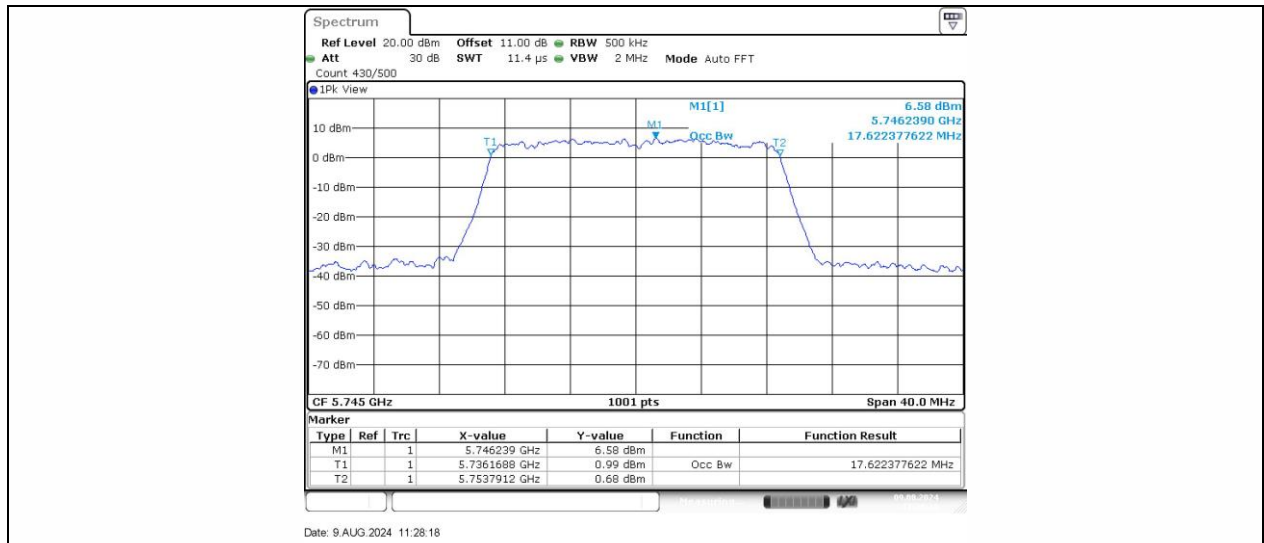
11AC20SISO_Ant1_5180



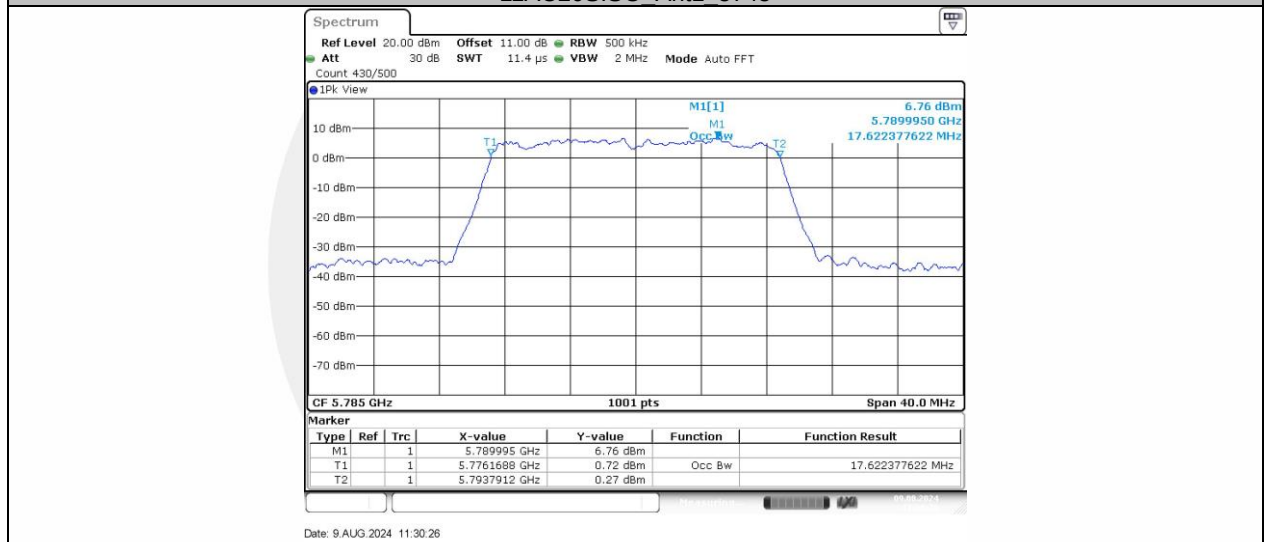
11AC20SISO_Ant1_5200



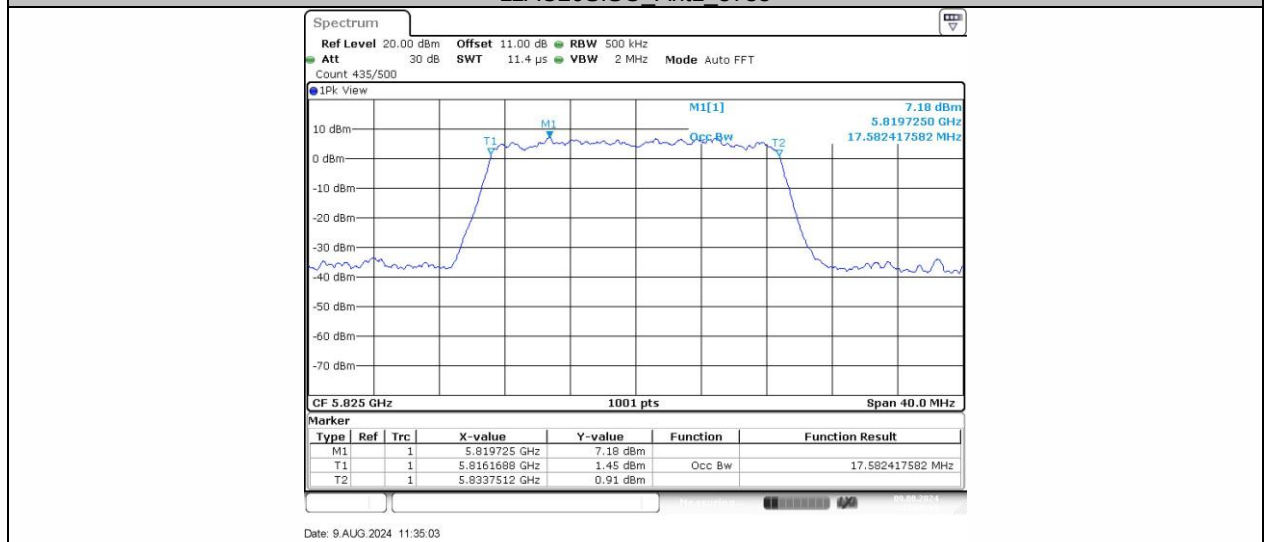
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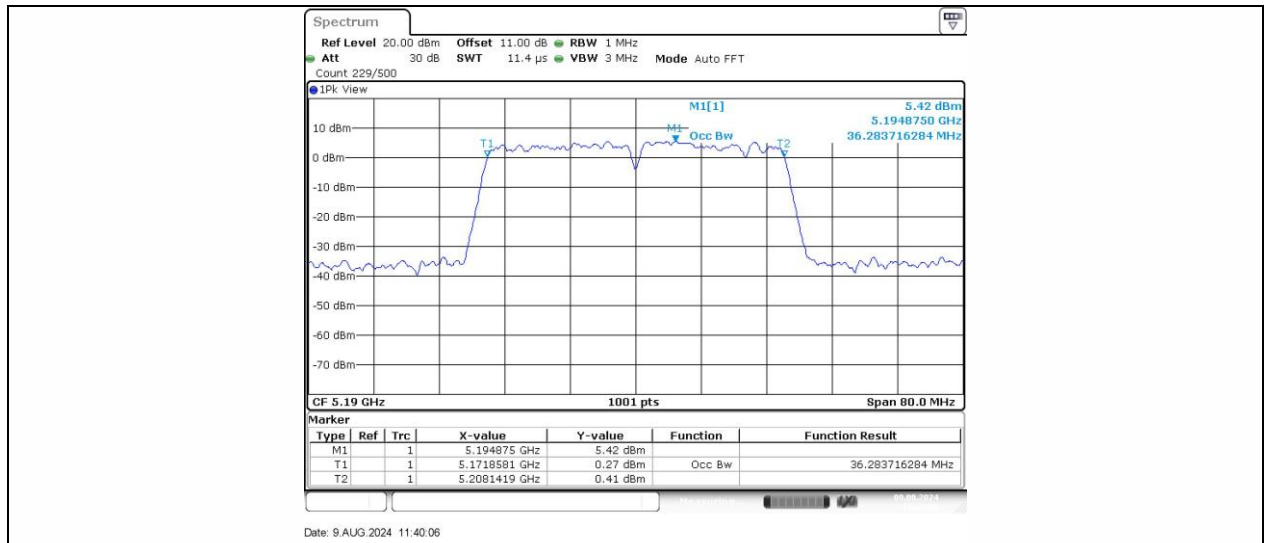
11AC20SISO Ant1 5745



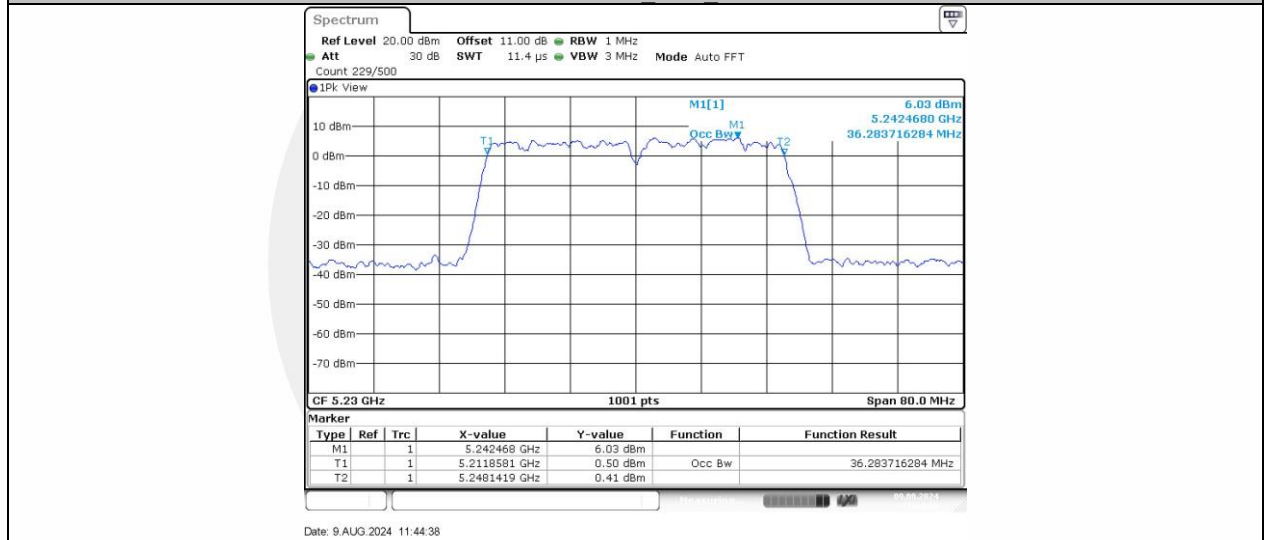
11AC20SISO Ant1 5785



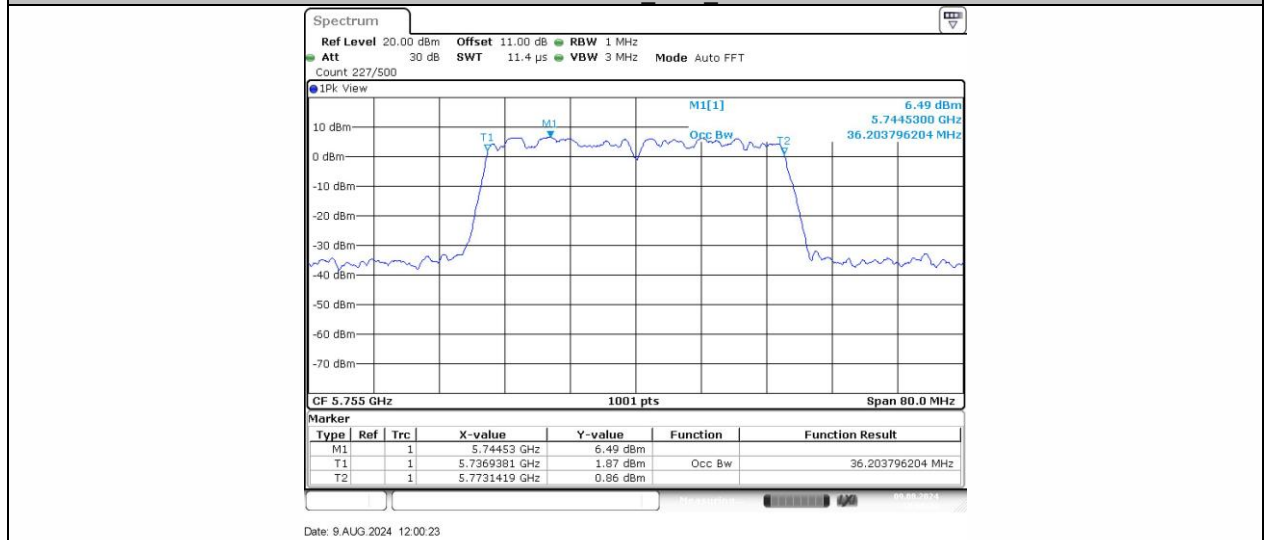
11AC20SISO Ant1 5825



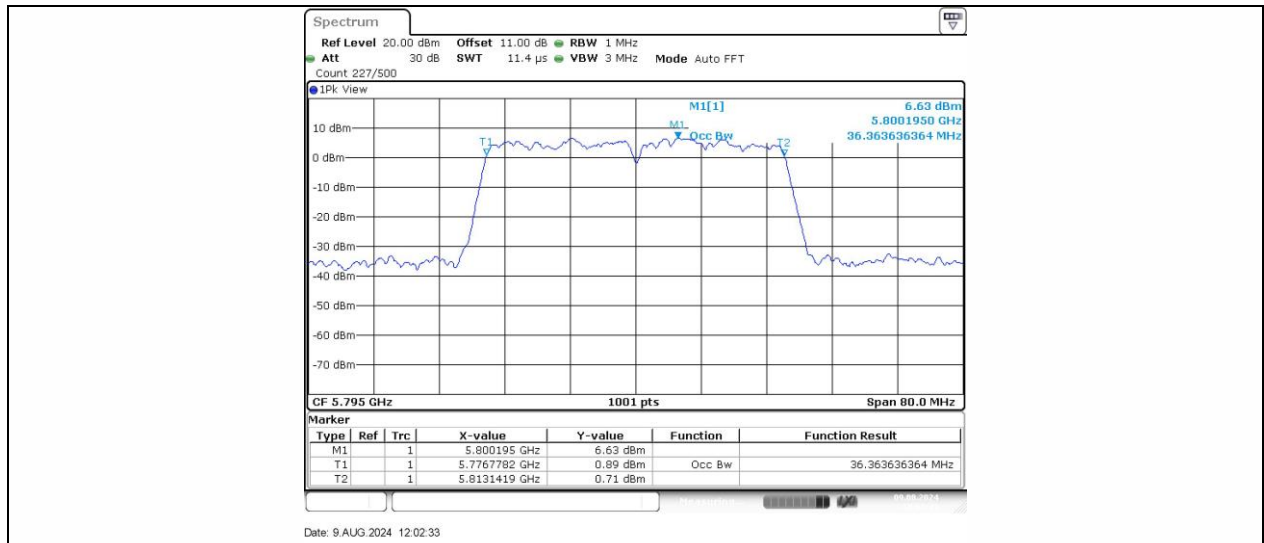
11AC40SISO_Ant1_5190



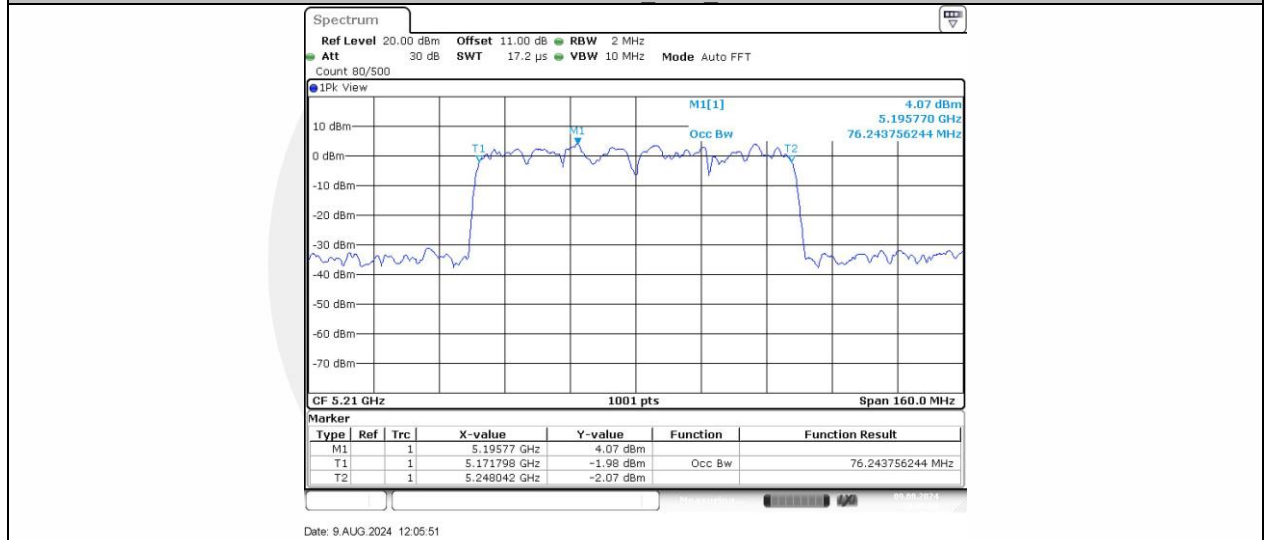
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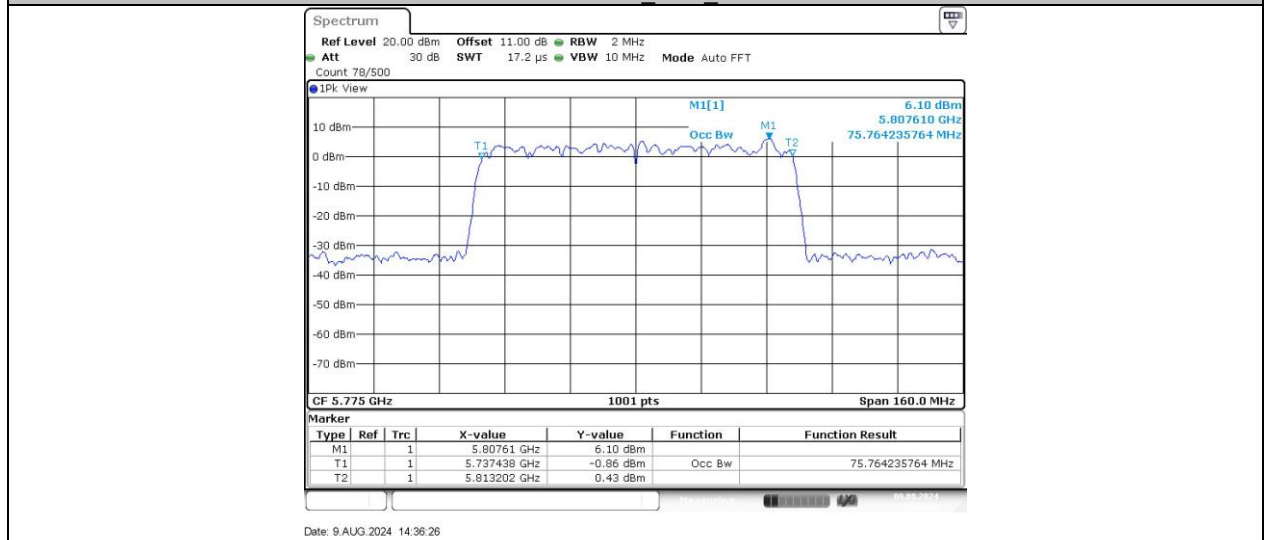
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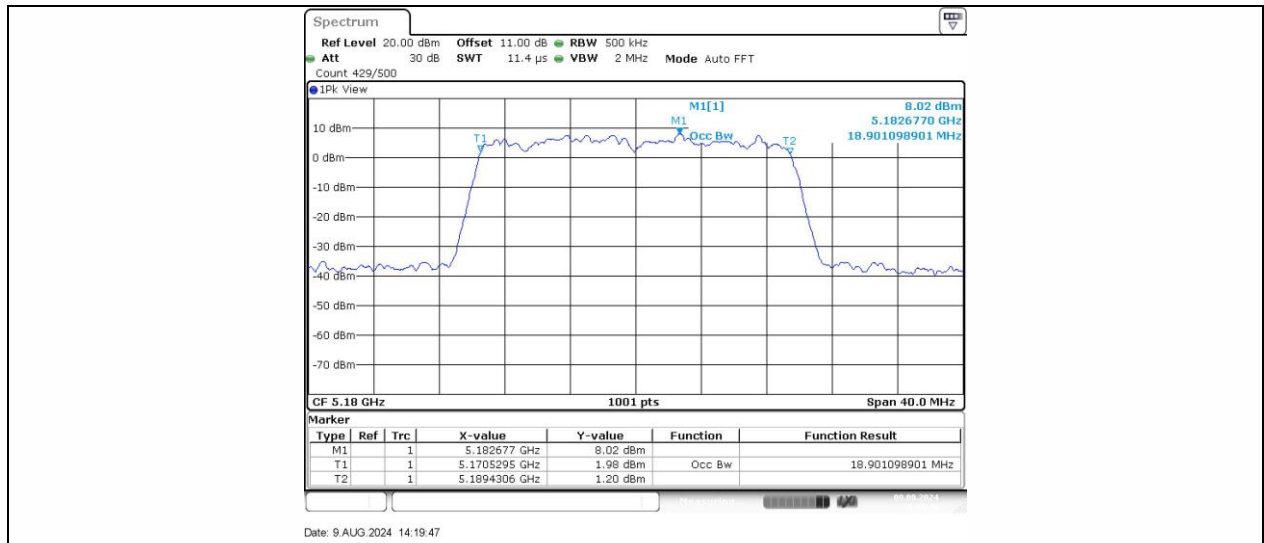
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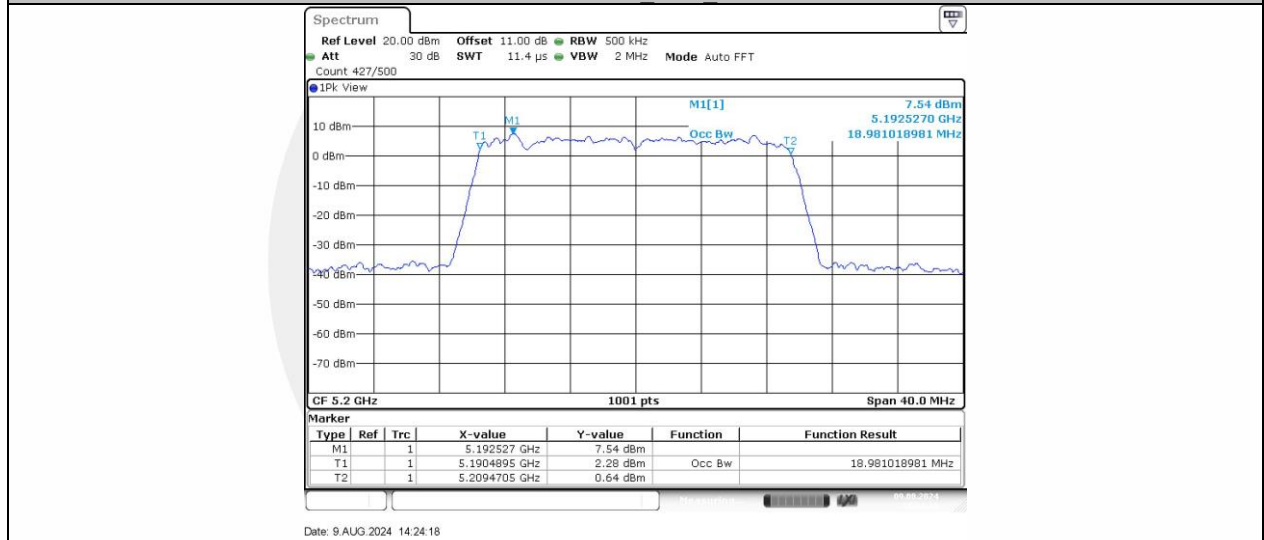
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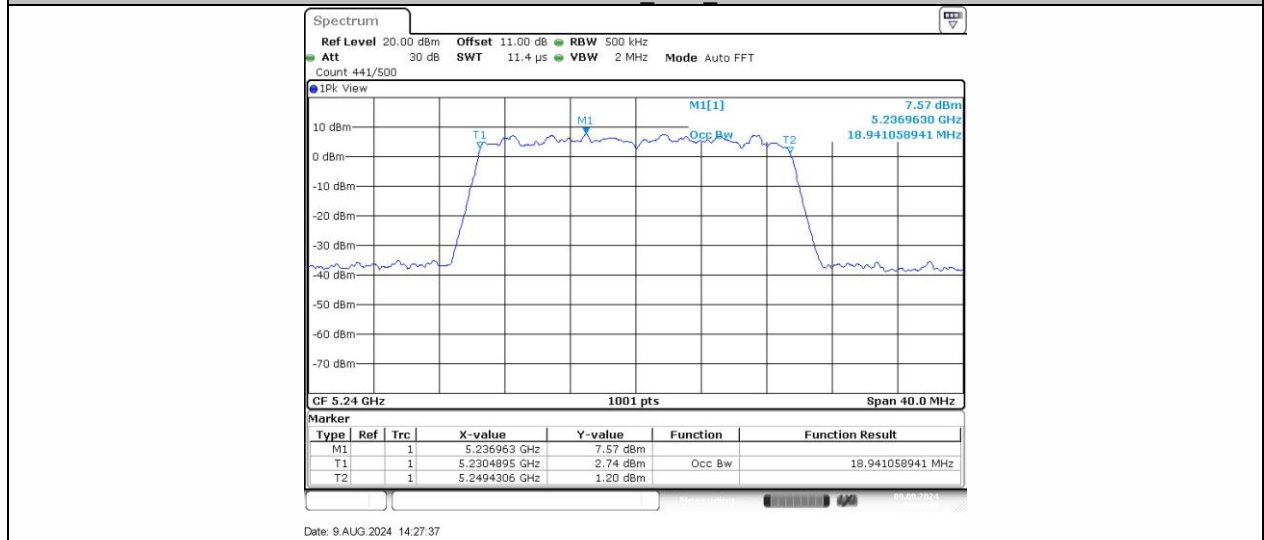
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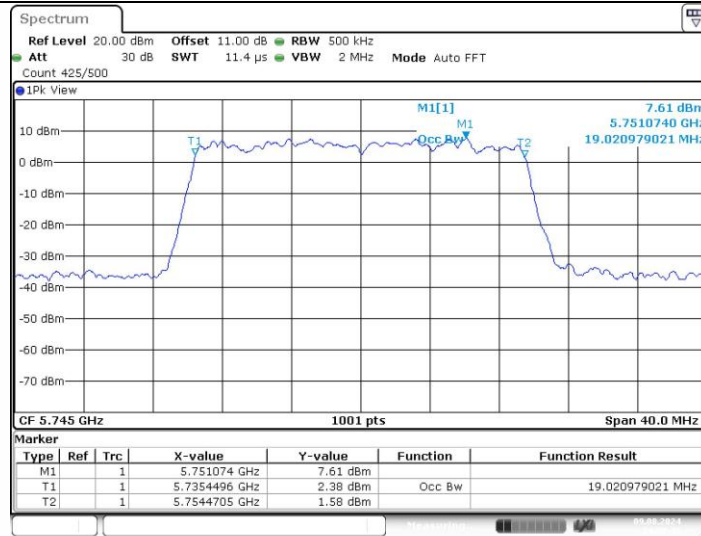
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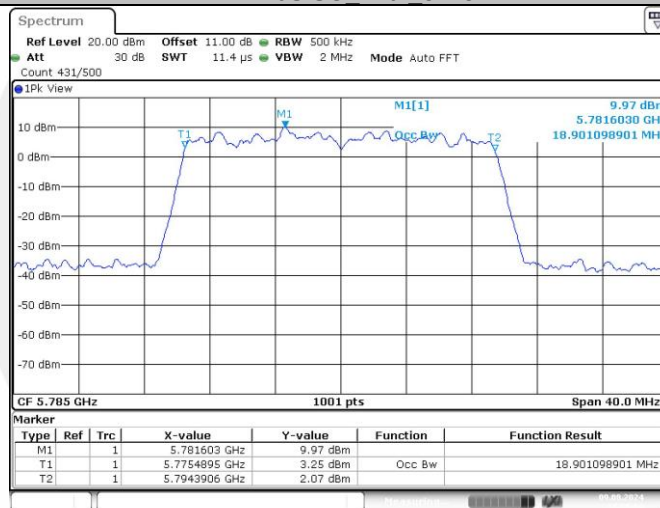


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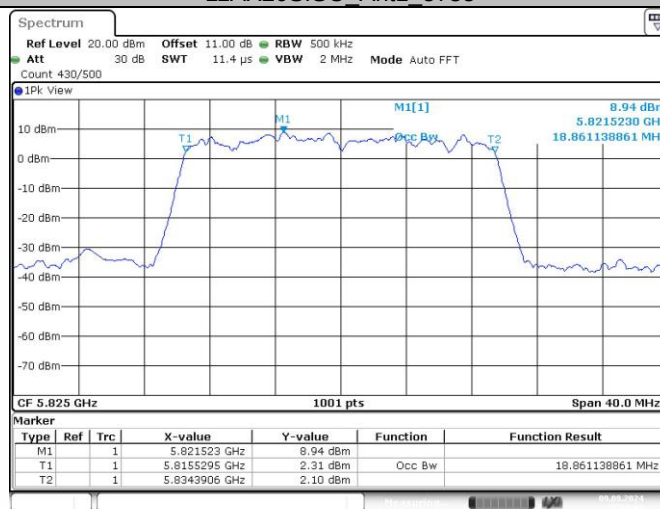
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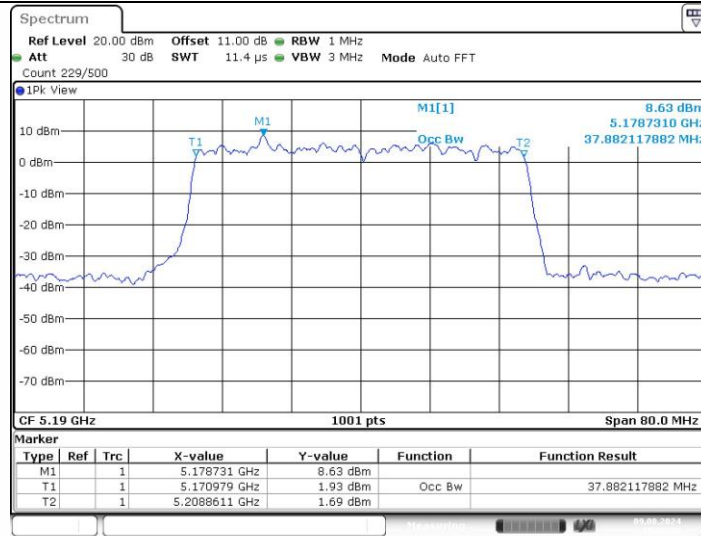
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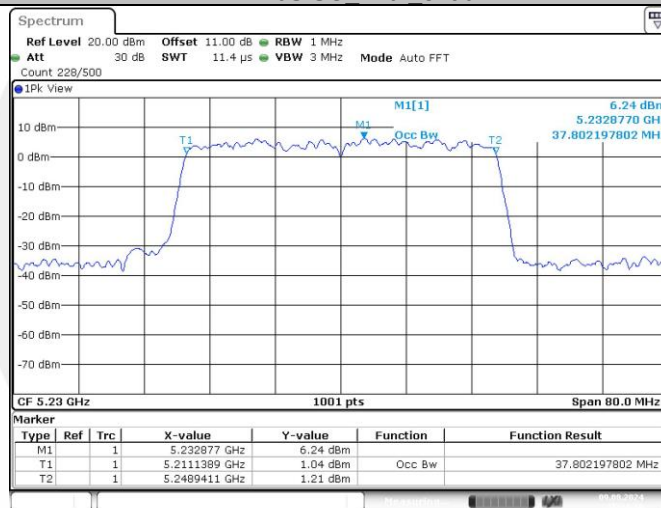
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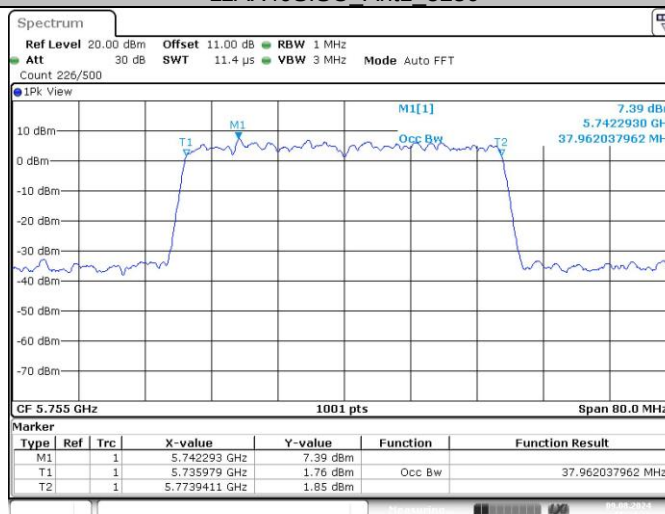
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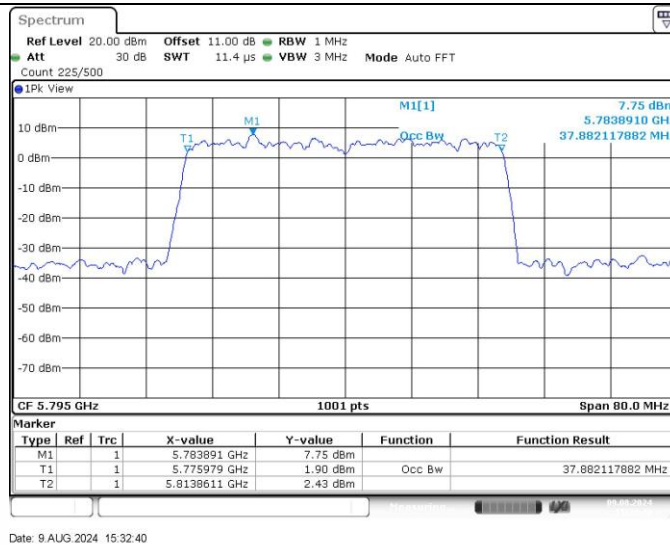
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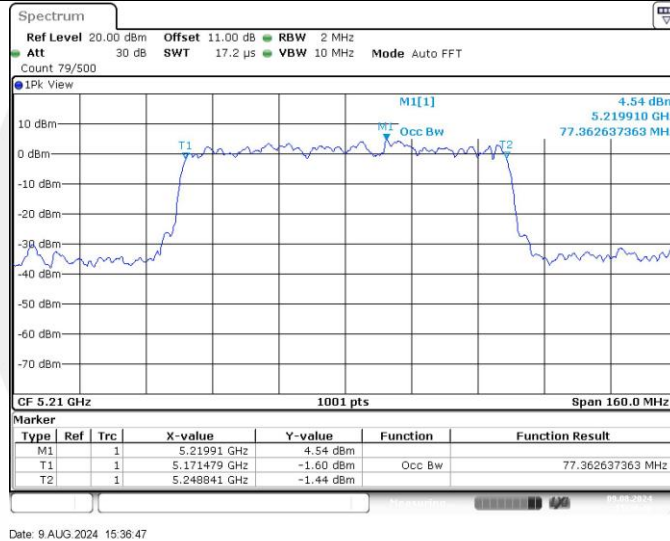


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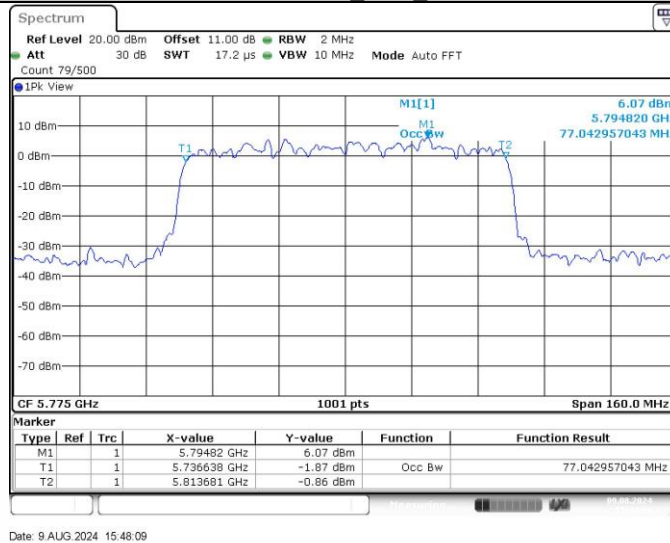
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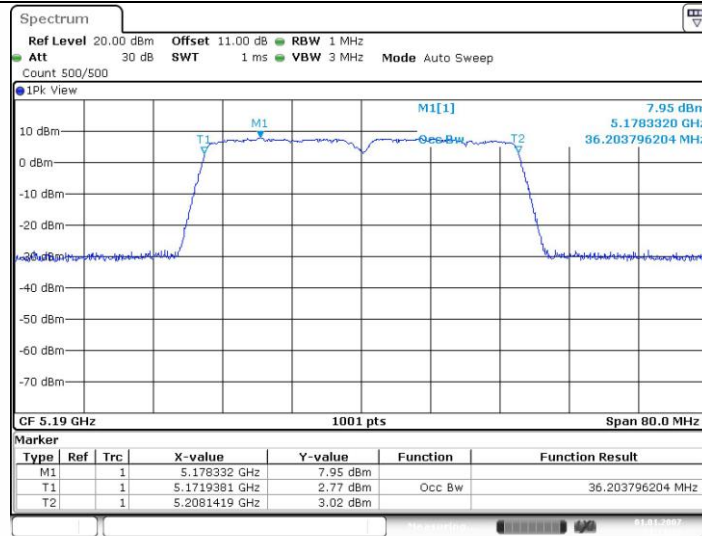
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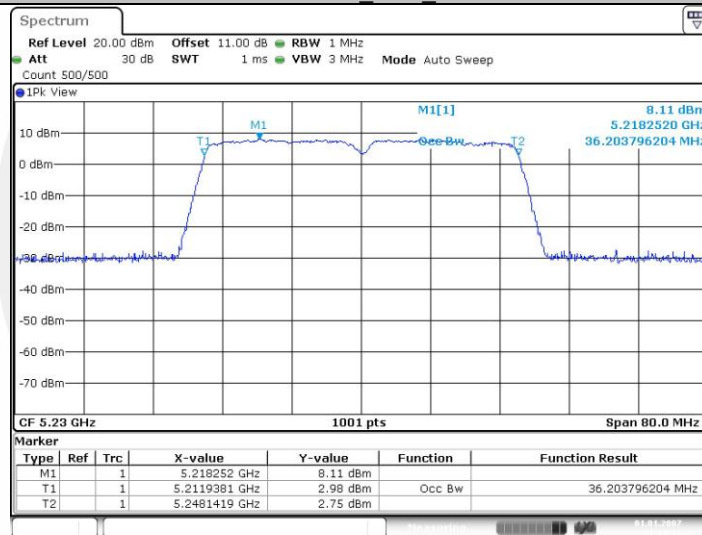
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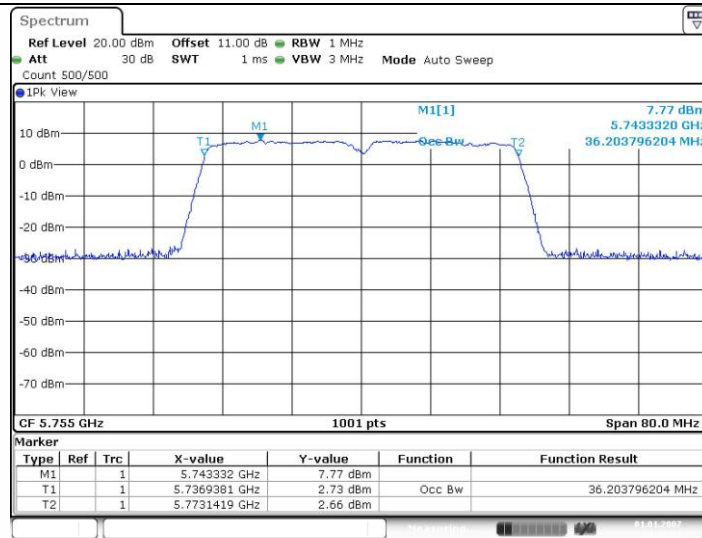
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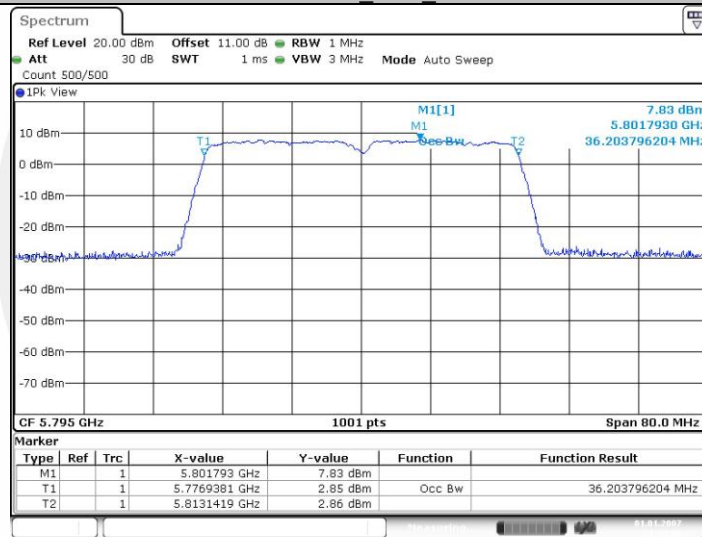
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11N40SISO Ant1 5230



11N40SISO Ant1 5755



11N40SISO Ant1 5795