FCC AND ISED CERTIFICATION TEST REPORT

Applicant	:	Nuvyyo Inc.
Address of Applicant	:	555 Legget Drive Tower B Suite 836, Kanata, ON K2K 2X3 Canada
Manufacturer	:	Shenzhen SDMC Technology Co., Ltd.
Address of Manufacturer	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen
Equipment under Test	:	TABLO
Model No.	:	TF1282B-01-VN, TF1284B-01-VN
FCC ID	:	2AOR7-TABLOV01
IC	:	23569-TABV0
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart E, RSS-247 Issue 3 August 2023, ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01, RSS-Gen Issue 5 April 2018
Report No.	:	DDT-RE24092008-1E04
Issue Date	:	2024/10/22
Issue By	:	Guangdong Dongdian Testing Service Co., Ltd. Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808

REPORT

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Test Report Declare

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Address of Manufacturer	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen

Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E,
RSS-247 Issue 3 August 2023,
ANSI C63.10:2013,
789033 D02 General U-NII Test Procedures New Rules v02r01,
662911 D01 Multiple Transmitter Output v02r01,
RSS-Gen Issue 5 April 2018

We Declare:

The equipment described above is tested by Guangdong Dongdian Testing Service Co., Ltd. and in the configuration tested the equipment complied with the standards specified above. The test results are contained in this test report and Guangdong Dongdian Testing Service Co., Ltd. is assumed of full responsibility for the accuracy and completeness of these tests.

Report No.:	DDT-RE24092008-1E04		
Date of Receipt:	2024/09/27	**Date of Test:**	2024/09/27 - 2024/10/22

Prepared By:

Tiger Mo

Tiger Mo/Engineer

Approved By:

Damon Hu

Damon Hu/EMC Manager

Note: This report applies to above tested sample only. This report shall not be reproduced in parts without written approval of Guangdong Dongdian Testing Service Co., Ltd.

Revision History

Rev.	Revisions	Issue Date	Revised By
---	Initial issue	2024/10/22	

1. Summary of Test Results

No.	Test Parameter	Clause No.	Condition	Result
1	6/26db Bandwidth and 99% Bandwidth	FCC 15.407 (e), RSS-247 Clause 6.2	/	Pass
2	Output Power	FCC 15.407 (a)； RSS-247 Clause 6.2	/	Pass
3	Power Spectral Density	FCC 15.407 (a)； RSS-247 Clause 6.2	/	Pass
4	Frequency Stability Measurement	FCC 15.407 (g); RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
5	Radiated Emission	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
6	Band Edge Compliance	FCC 15.407 (b); FCC 15.209; FCC 15.205; RSS-247 Clause 6.2; RSS-GEN Clause 8.9	/	Pass
7	Antenna Requirement	FCC Part 15: 15.203, RSS-Gen Issue 5 clause 6.8	/	Pass
8	Power Line Conducted Emissions	FCC Part 15: 15.207(a), RSS-Gen Issue 5 clause 8.8	/	Pass
9	Dynamic Frequency Selection	FCC 15.407 (h); RSS-247 Clause 6.8	/	Pass

Note1: N/A is an abbreviation for Not Applicable, and means this item is not applicable for this device or no need to test according to standard.

Note2: TF1282B-01-VN is 2tuner, TF1284B-01-VN is 4tuner. TF1282B-01-VN, TF1284B-01-VN, DDR/ switching power supply/transformer has two different brands, Two versions are shipped with or without an external receiving antenna, All the influential items have been pretest, and only the worst mode is reported.

2. General Test Information

2.1. Description of EUT

EUT Name	:	TABLO
Model Number	:	TF1282B-01-VN, TF1284B-01-VN
Difference of model number	:	Above models are identical in schematic, appearance and structure, only the Model Number, tuner, DDR/switching power supply/ transformer brands are different for all the models. Two versions are shipped with or without an external receiving antenna, All the influential items have been pretest, and only the worst mode is reported.
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	DC 12V From External adapter

Note: This EUT support Bluetooth BR/EDR/LE, 2.4 GHz WLAN, 5 GHz WLAN, this report only for 5 GHz WLAN.

Radio Technology	:	IEEE 802.11a/n/ac
Operation frequency	:	IEEE 802.11a: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11n HT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11n HT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5710MHz, 5755MHz-5795MHz IEEE 802.11ac VHT20: 5180MHz-5240MHz, 5260MHz-5320MHz, 5500MHz-5720MHz, 5745MHz-5825MHz IEEE 802.11ac VHT40: 5190MHz-5230MHz, 5270MHz-5310MHz, 5510MHz-5710MHz, 5755MHz-5795MHz IEEE 802.11ac VHT80: 5210MHz, 5290MHz, 5530MHz, 5610MHz, 5690MHz, 5775MHz
Modulation	:	IEEE 802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20, HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11ac: OFDM (256QAM, 64QAM, 16QAM, QPSK, BPSK)

Antenna information				
Antenna Type	Metal			
Max Antenna Gain (dBi)		Ant1 Gain	Ant2 Gain	Directional Gain
	IEEE 802.11a	2.41	2.93	/
	IEEE 802.11n HT20	2.41	2.93	5.68
	IEEE 802.11n HT40	2.41	2.93	5.68
	IEEE 802.11ac VHT20	2.41	2.93	5.68
	IEEE 802.11ac VHT40	2.41	2.93	5.68
	IEEE 802.11ac VHT80	2.41	2.93	5.68
Note: This EUT MIMO 2X2, any transmit signals are correlated with each other. So the Directional gain = 10 log[$(10^{G1/20} + 10^{G2/20})^2/2$] =5.68dBi				

Channel information					
IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-1					
CH	Frequency (MHz)	CH	Frequency (MHz)	CH	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230	/	/
44	5220	/	/	/	/
48	5240	/	/	/	/
UNII-2A					
52	5260	54	5270	58	5290
56	5280	62	5310		/
60	5300	/	/	/	/
64	5320	/	/	/	/
UNII-2C					
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630	/	/
116	5580	134	5670	/	/
120	5600	142	5710	/	/
124	5620	/	/	/	/
128	5640	/	/	/	/
132	5660	/	/	/	/
136	5680	/	/	/	/
140	5700	/	/	/	/
144	5720	/			
UNII-3					
149	5745	151	5755	155	5775
153	5765	159	5795	/	/
157	5785	/	/	/	/
161	5805	/	/	/	/
165	5825	/	/	/	/
Note: Band 5600-5650MHz will be disabled when shipped to Canada					

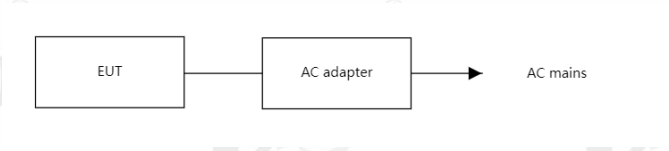
Note : “☒” means to be chosen or applicable; “☐” means don’t to be chosen or not applicable; This note applies to entire report.

Note: The above EUT information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications or User's Manual. The above Antenna information is declared by manufacturer and for more detailed features description please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
AC ADAPTER	SUNUN	SA180-120150U	INPUT: 100-240V~50/60Hz 0.6A OUTPUT:12V ⎓1.5A
Adapter	Chenzhou Frecom Electronics Co., Ltd.	FC018A03-120015U	Input: 100-240V~ 50/60Hz Output: 12V⎓1.5A
Internet cable	/	/	Length: 1.00m, Unshielded

2.3. Block diagram of EUT configuration for test



2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:
Test software: Putty.exe

The test software was used to control EUT work in Continuous Tx mode, and select test channel, wireless mode as below table.

The pathloss of external cable: 2 dB (According to the manufacturer's claims)

Tested mode, channel, and data rate information					
Mode	Setting Tx Power		Data rate (Mpbs) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11a	70	70	6	Low: CH36	5180
	70	70	6	Middle: CH40	5200
	70	70	6	High: CH48	5240
	70	65	6	Low: CH52	5260
	70	65	6	Middle: CH56	5280
	70	65	6	High: CH64	5320
	70	62	6	Low: CH100	5500
	70	62	6	Middle: CH116	5580
	70	62	6	High: CH140	5700
	70	62	6	Straddle:CH144	5720
	Default	73	6	Low: CH149	5745
	Default	73	6	Middle: CH157	5785
	Default	73	6	High: CH165	5825
IEEE 802.11n HT20	70	70	MCS 8	Low: CH36	5180
	70	70	MCS 8	Middle: CH40	5200
	70	70	MCS 8	High: CH48	5240
	70	70	MCS 8	Low: CH52	5260
	70	70	MCS 8	Middle: CH56	5280

	70	70	MCS 8	High: CH64	5320
	70	60	MCS 8	Low: CH100	5500
	70	60	MCS 8	Middle: CH116	5580
	70	60	MCS 8	High: CH140	5700
	70	60	MCS 8	Straddle:CH144	5720
	Default	73	MCS 8	Low: CH149	5745
	Default	73	MCS 8	Middle: CH157	5785
	Default	73	MCS 8	High: CH165	5825
IEEE 802.11n HT40	75	75	MCS 8	Low: CH38	5190
	75	75	MCS 8	Middle: CH46	5230
	75	75	MCS 8	High: CH54	5270
	75	75	MCS 8	Low: CH62	5310
	75	67	MCS 8	Middle: CH102	5510
	75	67	MCS 8	High: CH110	5550
	75	67	MCS 8	Low: CH134	5670
	75	67	MCS 8	Straddle:CH142	5710
	Default	73	MCS 8	Middle: CH151	5755
	Default	73	MCS 8	High: CH159	5795
IEEE 802.11ac VHT20	72	72	MCS 0	Low: CH36	5180
	72	72	MCS 0	Middle: CH40	5200
	72	72	MCS 0	High: CH48	5240
	72	68	MCS 0	Low: CH52	5260
	72	68	MCS 0	Middle: CH56	5280
	72	68	MCS 0	High: CH64	5320
	72	62	MCS 0	Low: CH100	5500
	72	62	MCS 0	Middle: CH116	5580
	72	62	MCS 0	High: CH140	5700
	72	62	MCS 0	Straddle:CH144	5720
	Default	73	MCS 0	Low: CH149	5745
	Default	73	MCS 0	Middle: CH157	5785
	Default	73	MCS 0	High: CH165	5825
IEEE 802.11 ac VHT40	72	72	MCS 0	Low: CH38	5190
	72	72	MCS 0	Middle: CH46	5230
	72	72	MCS 0	High: CH54	5270
	72	72	MCS 0	Low: CH62	5310
	72	64	MCS 0	Middle: CH102	5510
	72	64	MCS 0	High: CH110	5550
	72	64	MCS 0	Low: CH134	5670
	72	64	MCS 0	Straddle: CH142	5710
	Default	73	MCS 0	Middle: CH151	5755

	Default	73	MCS 0	High: CH159	5795
IEEE 802.11ac VHT80	72	72	MCS 0	CH42	5210
	72	72	MCS 0	CH58	5290
	72	68	MCS 0	CH106	5530
	72	68	MCS 0	CH122	5610
	72	68	MCS 0	CH138	5690
	Default	Default	MCS 0	CH155	5775
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.					

IC band1 Tested mode, channel, and data rate information					
Mode	Setting Tx Power		Data rate (Mpbs) (see Note)	Channel	Frequency (MHz)
	ANT1	ANT2			
IEEE 802.11n HT20	61	61	MCS 8	Low: CH36	5180
	61	61	MCS 8	Middle: CH40	5200
	61	61	MCS 8	High: CH48	5240
IEEE 802.11n HT40	65	65	MCS 8	Low: CH38	5190
	65	65	MCS 8	Middle: CH46	5230
IEEE 802.11ac VHT20	61	61	MCS 0	Low: CH36	5180
	61	61	MCS 0	Middle: CH40	5200
	61	61	MCS 0	High: CH48	5240
IEEE 802.11 ac VHT40	65	65	MCS 0	Low: CH38	5190
	65	65	MCS 0	Middle: CH46	5230
IEEE 802.11ac VHT80	58	63	MCS 0	CH42	5210
Note: According exploratory test, EUT will have maximum output power in those data rate, so those data rate were used for all test.					

2.5. Deviations of test standard

No deviation.

2.6. Test environment conditions

During the measurement the environmental conditions were within the listed ranges:

Temperature range:	+15℃ to +35 ℃
Humidity range:	20% to 75%
Pressure range:	86 kPa to106 kPa

Note: The specific temperature and humidity information of each test item refers to the temperature and humidity record in the corresponding test data.

2.7. Test laboratory

Guangdong Dongdian Testing Service Co., Ltd.

Add.: Unit 2, Building 1, No. 17, Zongbu 2nd Road, Songshan Lake Park, Dongguan, Guangdong, China, 523808.

Tel.: +86-0769-38826678, http://www.dgddt.com, Email: ddt@dgddt.com.

CNAS Accreditation No. L6451; A2LA Accreditation Number: 3870.01

FCC Designation Number: CN1182, Test Firm Registration Number: 540522

Innovation, Science and Economic Development Canada Site Registration Number: 10288A

Conformity Assessment Body identifier: CN0048

VCCI facility registration number: C-20087, T-20088, R-20123, R-20155, G-20118

2.8. Measurement uncertainty

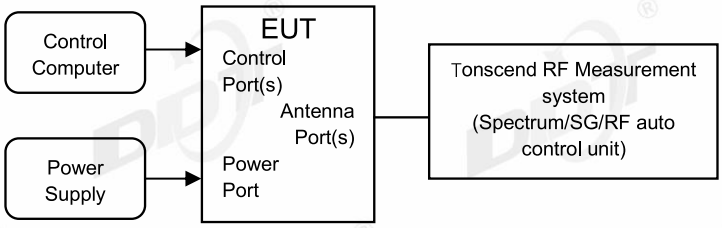
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies Stability	6.7×10^{-8} (Antenna couple method)
	5.5×10^{-8} (Conducted method)
Conducted spurious emissions	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.40 dB (3.6 GHz ≤ f < 8 GHz)
	1.66 dB (8 GHz ≤ f < 26.5 GHz)
Uncertainty for radio frequency (RBW < 20 kHz)	3×10^{-8}
Temperature	0.4 ℃
Humidity	2 %
Uncertainty for Radiation Emission test (9 kHz – 30 MHz)	3.44 dB
Uncertainty for Radiation Emission test (30 MHz - 1 GHz)	4.70 dB (Antenna Polarize: V)
	4.84 dB (Antenna Polarize: H)
Uncertainty for Radiation Emission test (1 GHz - 40 GHz)	4.10 dB (1 - 6 GHz)
	4.40 dB (6 GHz - 18 GHz)
	3.54 dB (18 GHz - 26 GHz)
	4.30 dB (26 GHz - 40 GHz)
Uncertainty for Power line conduction emission test	3.34dB (150KHz-30MHz)
	3.72dB (9KHz-150KHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

3. Equipment Used During Conductive Test

Equipment	Manufacturer	Model No.	Serial Number	Due Date
☒RF Connected Test (RF Measurement System 3#)				
SIGNAL ANALYZER	R&S	FSV40	101407	2025/07/08
Wideband Radio Communication Tester	R&S	CMW500	117491	2025/03/31
EXG Analog Signal Generator	KEYSIGHT	N5173B	MY62153058	2025/07/08
MXG Vector Signal Generator	Agilent	N5182A	MY48180912	2025/03/31
RF Control Unit	Tonscend	JS0806-2	20C8060230	2025/03/31
TEMP&HUMI Programmable Chamber	ZHIXIANG	ZXGDJS-150L	ZX170110-A	2025/04/22
Test Software	Tonscend	JS1120-3	Ver.3.2.22	N/A

4. 26dB Bandwidth

4.1. Block diagram of test setup



4.2. Limits

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
26 dB Bandwidth	---	5150 - 5250
	---	5250 - 5350
	---	For FCC: 5470 - 5725 For IC: 5470 - 5600 5650 - 5725

4.3. Test procedure

Connect EUT's antenna output to spectrum analyzer by RF cable.

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	approximately 1% of the emission bandwidth.
VBW	> RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize, 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 26 dB relative to the maximum level measured in the fundamental emission.

4.4. Test result

Test Engineer:	Zhongyao	Test Site:	RF Measurement System 3#
Ambient Condition:	26.4℃,46.9%RH	Test Date:	2024.10.12-2024.10.22
Test Power Supply:	DC 12V	Sample Number:	S24092008-001

Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.56	5170.76	5189.32	---	---
	Ant2	5180	18.32	5170.88	5189.20	---	---
	Ant1	5200	18.36	5190.76	5209.12	---	---
	Ant2	5200	18.36	5190.88	5209.24	---	---
	Ant1	5240	18.52	5230.72	5249.24	---	---
	Ant2	5240	18.52	5230.84	5249.36	---	---
	Ant1	5260	18.52	5250.80	5269.32	---	---
	Ant2	5260	18.44	5250.76	5269.20	---	---
	Ant1	5280	18.32	5270.88	5289.20	---	---
	Ant2	5280	18.44	5270.76	5289.20	---	---
	Ant1	5320	18.44	5310.76	5329.20	---	---
	Ant2	5320	18.32	5310.88	5329.20	---	---
	Ant1	5500	22.12	5489.80	5511.92	---	---
	Ant2	5500	33.60	5483.96	5517.56	---	---
	Ant1	5580	19.00	5570.40	5589.40	---	---
	Ant2	5580	28.76	5566.76	5595.52	---	---
	Ant1	5700	18.40	5690.76	5709.16	---	---
	Ant2	5700	19.20	5690.24	5709.44	---	---
	Ant1	5720	18.48	5710.76	5729.24	---	---
	Ant2	5720	18.48	5710.88	5729.36	---	---
	Ant1	5720_UNII-2C	14.24	5710.76	5725	---	---
	Ant2	5720_UNII-2C	14.12	5710.88	5725	---	---
	Ant1	5720_UNII-3	4.24	5725	5729.24	---	---
	Ant2	5720_UNII-3	4.36	5725	5729.36	---	---
	Ant1	5745	28.76	5733.12	5761.88	---	---
	Ant2	5745	25.44	5733.72	5759.16	---	---
	Ant1	5785	30.64	5769.76	5800.40	---	---
	Ant2	5785	33.60	5768.68	5802.28	---	---
	Ant1	5825	39.04	5805.92	5844.96	---	---
	Ant2	5825	35.64	5807.80	5843.44	---	---
11N20MIMO	Ant1	5180	19.20	5170.44	5189.64	---	---
	Ant2	5180	19.20	5170.44	5189.64	---	---
	Ant1	5200	19.28	5190.36	5209.64	---	---
	Ant2	5200	19.36	5190.32	5209.68	---	---
	Ant1	5240	19.20	5230.44	5249.64	---	---
	Ant2	5240	19.28	5230.40	5249.68	---	---
	Ant1	5260	19.20	5250.44	5269.64	---	---
	Ant2	5260	19.24	5250.40	5269.64	---	---
	Ant1	5280	19.16	5270.48	5289.64	---	---
	Ant2	5280	19.28	5270.36	5289.64	---	---
	Ant1	5320	19.12	5310.48	5329.60	---	---
	Ant2	5320	19.24	5310.44	5329.68	---	---
	Ant1	5500	19.12	5490.52	5509.64	---	---
	Ant2	5500	30.16	5485.84	5516.00	---	---
	Ant1	5580	19.24	5570.40	5589.64	---	---
	Ant2	5580	24.20	5568.08	5592.28	---	---
	Ant1	5700	19.24	5690.40	5709.64	---	---
	Ant2	5700	19.40	5690.28	5709.68	---	---
	Ant1	5720	19.20	5710.48	5729.68	---	---
	Ant2	5720	19.28	5710.40	5729.68	---	---
	Ant1	5720_UNII-2C	14.52	5710.48	5725	---	---
	Ant2	5720_UNII-2C	14.6	5710.40	5725	---	---
	Ant1	5720_UNII-3	4.68	5725	5729.68	---	---
	Ant2	5720_UNII-3	4.68	5725	5729.68	---	---
	Ant1	5745	23.40	5735.20	5758.60	---	---

	Ant2	5745	22.64	5735.28	5757.92	---	---
	Ant1	5785	25.16	5774.68	5799.84	---	---
	Ant2	5785	26.60	5772.36	5798.96	---	---
	Ant1	5825	35.68	5808.44	5844.12	---	---
	Ant2	5825	33.36	5809.00	5842.36	---	---
11N40MIMO	Ant1	5190	40.80	5169.60	5210.40	---	---
	Ant2	5190	41.68	5169.12	5210.80	---	---
	Ant1	5230	40.88	5209.20	5250.08	---	---
	Ant2	5230	40.96	5209.60	5250.56	---	---
	Ant1	5270	41.36	5249.28	5290.64	---	---
	Ant2	5270	42.00	5249.20	5291.20	---	---
	Ant1	5310	40.80	5289.52	5330.32	---	---
	Ant2	5310	41.84	5289.20	5331.04	---	---
	Ant1	5510	43.92	5490.00	5533.92	---	---
	Ant2	5510	76.24	5473.12	5549.36	---	---
	Ant1	5550	40.64	5529.84	5570.48	---	---
	Ant2	5550	73.68	5513.92	5587.60	---	---
	Ant1	5670	40.80	5649.52	5690.32	---	---
	Ant2	5670	41.36	5649.44	5690.80	---	---
	Ant1	5710	40.48	5689.84	5730.32	---	---
	Ant2	5710	42.32	5689.04	5731.36	---	---
	Ant1	5710_UNII-2C	35.16	5689.84	5725	---	---
	Ant2	5710_UNII-2C	35.96	5689.04	5725	---	---
	Ant1	5710_UNII-3	5.32	5725	5730.32	---	---
	Ant2	5710_UNII-3	6.36	5725	5731.36	---	---
	Ant1	5755	49.92	5731.16	5781.08	---	---
	Ant2	5755	65.36	5727.96	5793.32	---	---
	Ant1	5795	59.04	5771.64	5830.68	---	---
	Ant2	5795	71.28	5759.08	5830.36	---	---
11AC20MIMO	Ant1	5180	19.16	5170.48	5189.64	---	---
	Ant2	5180	19.12	5170.48	5189.60	---	---
	Ant1	5200	19.16	5190.44	5209.60	---	---
	Ant2	5200	19.16	5190.44	5209.60	---	---
	Ant1	5240	19.28	5230.32	5249.60	---	---
	Ant2	5240	19.28	5230.40	5249.68	---	---
	Ant1	5260	19.20	5250.48	5269.68	---	---
	Ant2	5260	19.32	5250.40	5269.72	---	---
	Ant1	5280	19.12	5270.48	5289.60	---	---
	Ant2	5280	19.32	5270.40	5289.72	---	---
	Ant1	5320	19.16	5310.44	5329.60	---	---
	Ant2	5320	19.20	5310.44	5329.64	---	---
	Ant1	5500	19.36	5490.36	5509.72	---	---
	Ant2	5500	31.08	5484.84	5515.92	---	---
	Ant1	5580	19.48	5570.16	5589.64	---	---
	Ant2	5580	25.40	5568.00	5593.40	---	---
	Ant1	5700	19.20	5690.48	5709.68	---	---
	Ant2	5700	19.24	5690.48	5709.72	---	---
	Ant1	5720	19.20	5710.44	5729.64	---	---
	Ant2	5720	22.12	5709.76	5731.88	---	---
	Ant1	5720_UNII-2C	14.56	5710.44	5725	---	---
	Ant2	5720_UNII-2C	15.24	5709.76	5725	---	---
	Ant1	5720_UNII-3	4.64	5725	5729.64	---	---
	Ant2	5720_UNII-3	6.88	5725	5731.88	---	---
	Ant1	5745	25.04	5733.72	5758.76	---	---
	Ant2	5745	22.32	5735.28	5757.60	---	---
	Ant1	5785	20.56	5774.76	5795.32	---	---
	Ant2	5785	27.24	5772.76	5800.00	---	---
	Ant1	5825	33.84	5809.36	5843.20	---	---
	Ant2	5825	34.16	5808.44	5842.60	---	---
11AC40MIMO	Ant1	5190	40.72	5169.52	5210.24	---	---
	Ant2	5190	41.84	5168.88	5210.72	---	---
	Ant1	5230	40.56	5209.44	5250.00	---	---
	Ant2	5230	41.76	5209.04	5250.80	---	---
	Ant1	5270	40.72	5249.84	5290.56	---	---

	Ant2	5270	41.36	5249.28	5290.64	---	---
	Ant1	5310	40.16	5290.00	5330.16	---	---
	Ant2	5310	41.36	5289.28	5330.64	---	---
	Ant1	5510	45.12	5489.44	5534.56	---	---
	Ant2	5510	74.56	5475.36	5549.92	---	---
	Ant1	5550	41.36	5529.92	5571.28	---	---
	Ant2	5550	61.36	5521.68	5583.04	---	---
	Ant1	5670	40.24	5649.76	5690.00	---	---
	Ant2	5670	42.96	5648.48	5691.44	---	---
	Ant1	5710	40.16	5690.08	5730.24	---	---
	Ant2	5710	42.00	5689.20	5731.20	---	---
	Ant1	5710_UNII-2C	34.92	5690.08	5725	---	---
	Ant2	5710_UNII-2C	35.8	5689.20	5725	---	---
	Ant1	5710_UNII-3	5.24	5725	5730.24	---	---
	Ant2	5710_UNII-3	6.2	5725	5731.20	---	---
	Ant1	5755	48.48	5731.56	5780.04	---	---
	Ant2	5755	62.80	5727.64	5790.44	---	---
	Ant1	5795	56.80	5771.08	5827.88	---	---
	Ant2	5795	71.44	5760.44	5831.88	---	---
11AC80MIMO	Ant1	5210	80.64	5169.84	5250.48	---	---
	Ant2	5210	81.28	5169.52	5250.80	---	---
	Ant1	5290	81.12	5249.68	5330.80	---	---
	Ant2	5290	81.28	5249.52	5330.80	---	---
	Ant1	5530	80.96	5489.84	5570.80	---	---
	Ant2	5530	141.44	5467.60	5609.04	---	---
	Ant1	5610	81.12	5569.52	5650.64	---	---
	Ant2	5610	100.64	5552.56	5653.20	---	---
	Ant1	5690	81.76	5648.88	5730.64	---	---
	Ant2	5690	81.60	5649.36	5730.96	---	---
	Ant1	5690_UNII-2C	76.12	5648.88	5725	---	---
	Ant2	5690_UNII-2C	75.64	5649.36	5725	---	---
	Ant1	5690_UNII-3	5.64	5725	5730.64	---	---
	Ant2	5690_UNII-3	5.96	5725	5730.96	---	---
	Ant1	5775	128.96	5717.08	5846.04	---	---
	Ant2	5775	133.92	5717.08	5851.00	---	---

4.5. Test graphs

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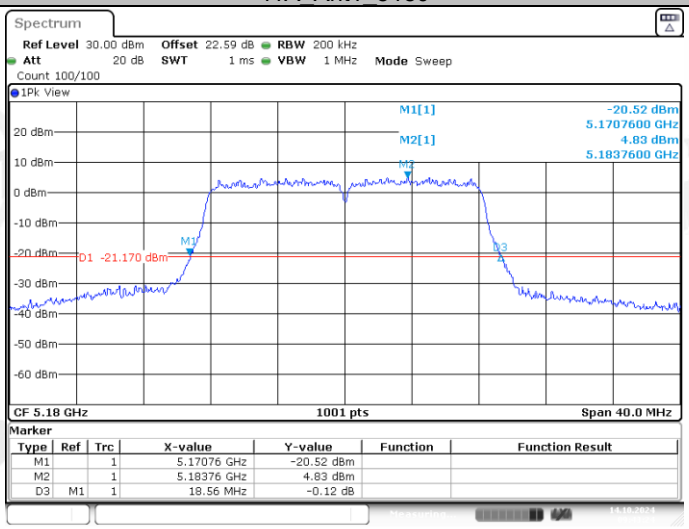

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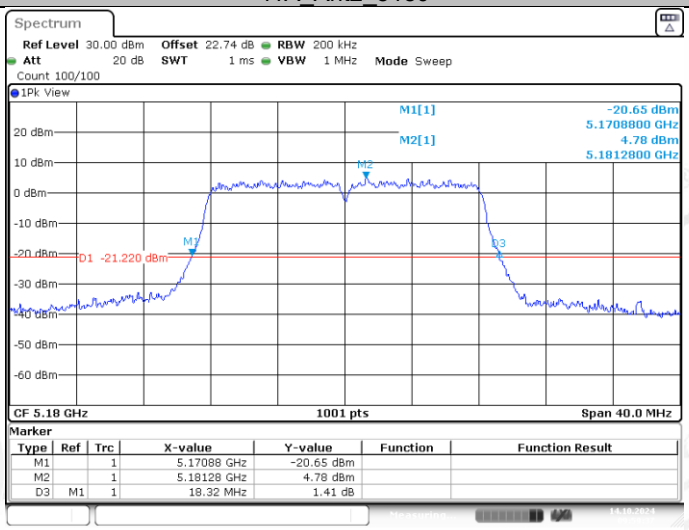

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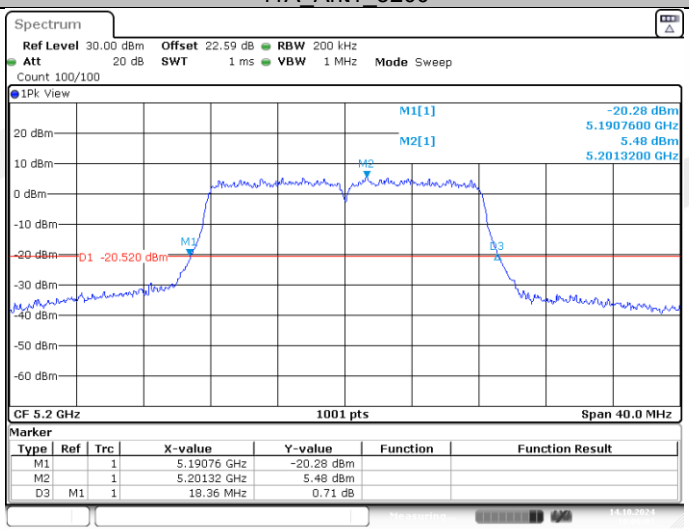

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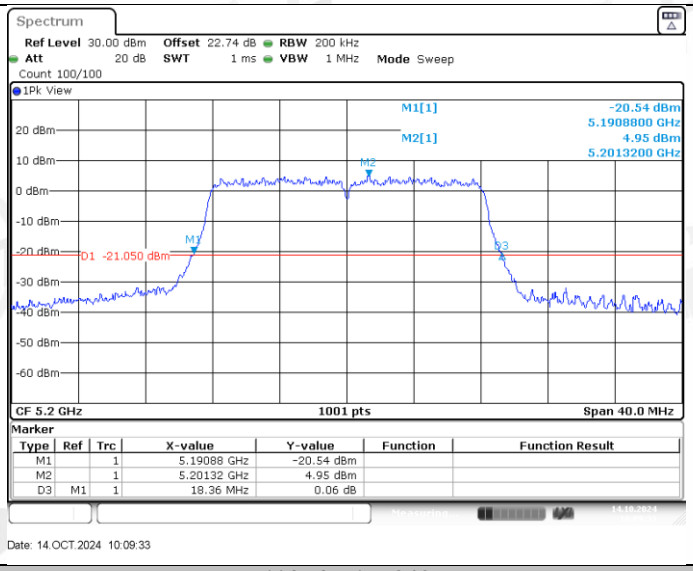

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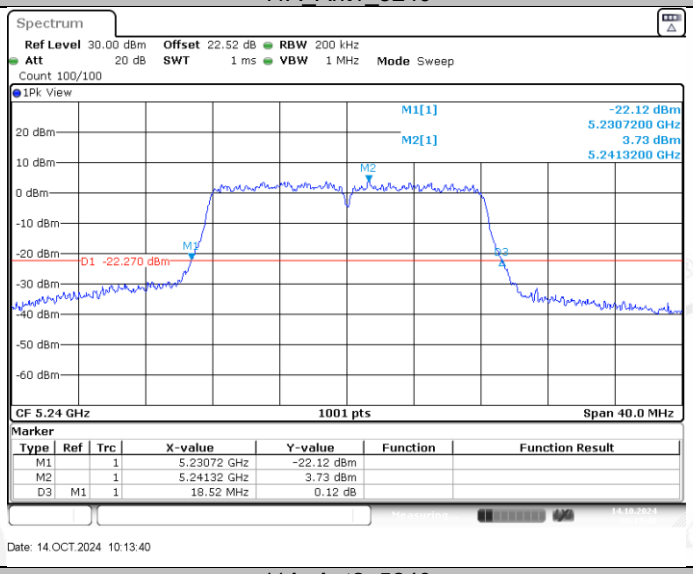

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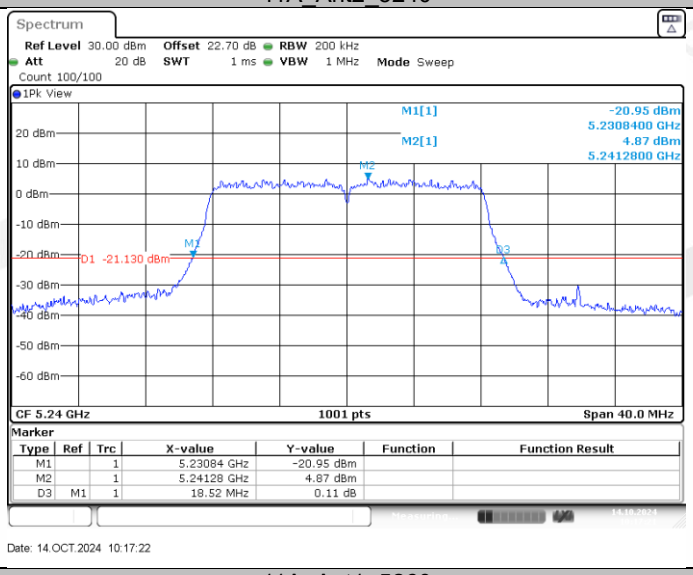

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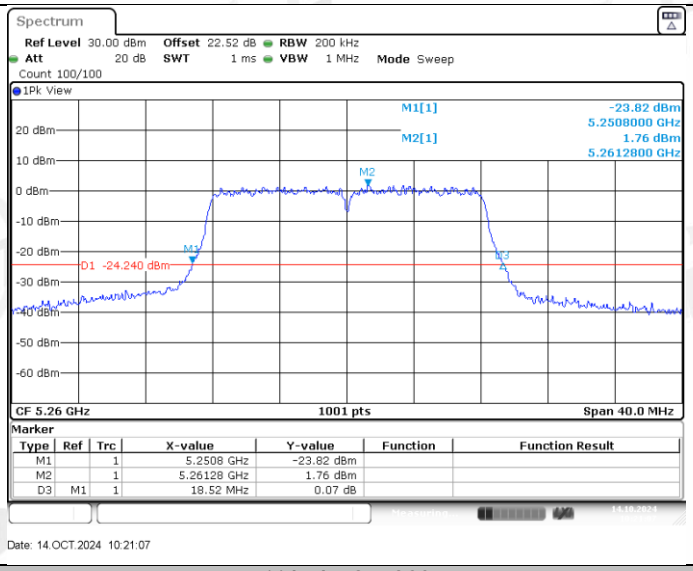

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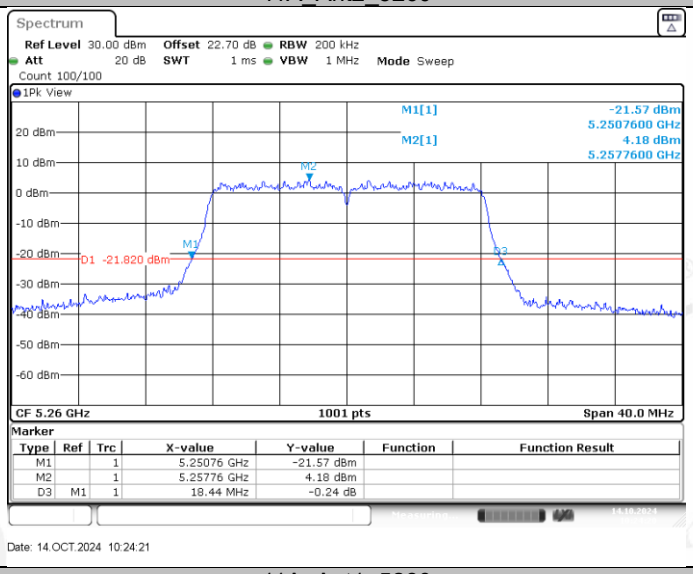

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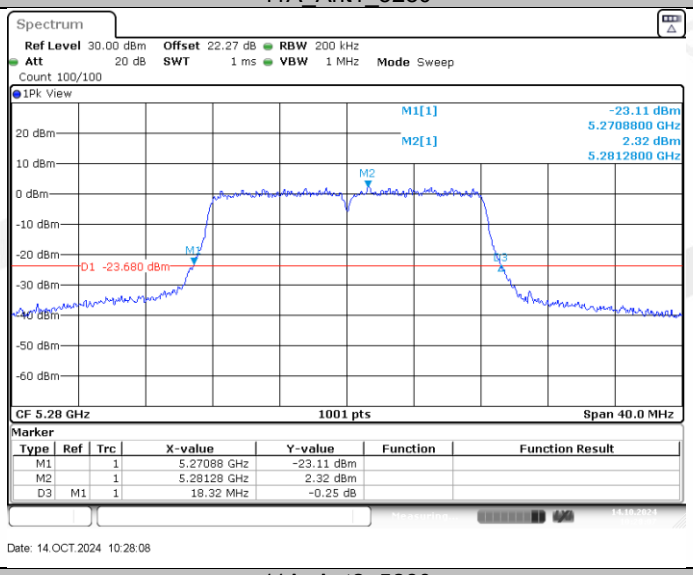

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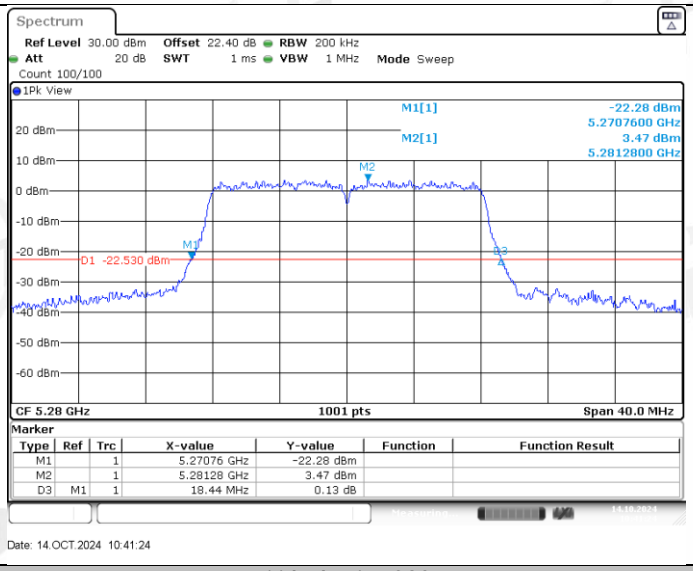

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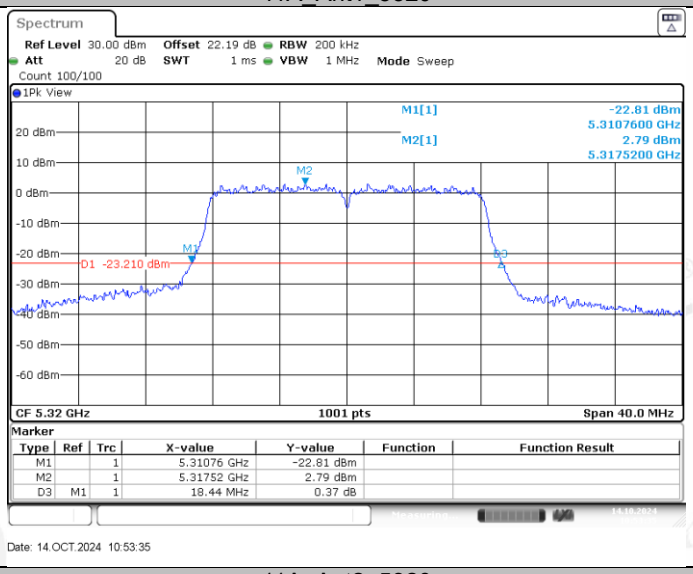

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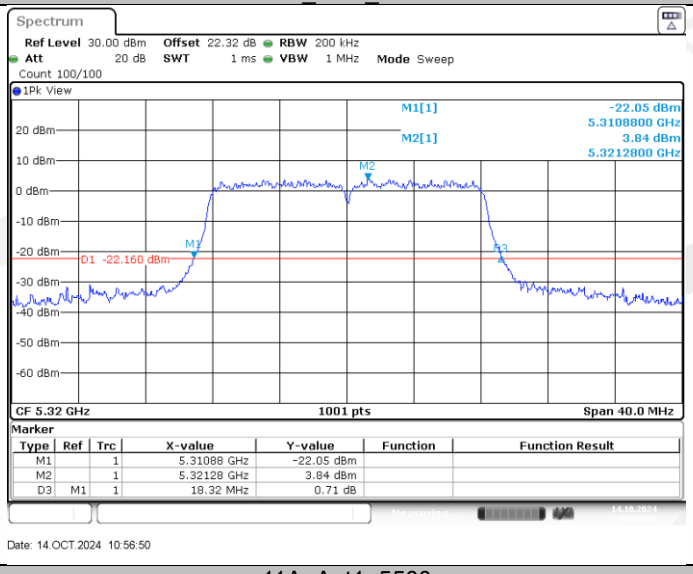

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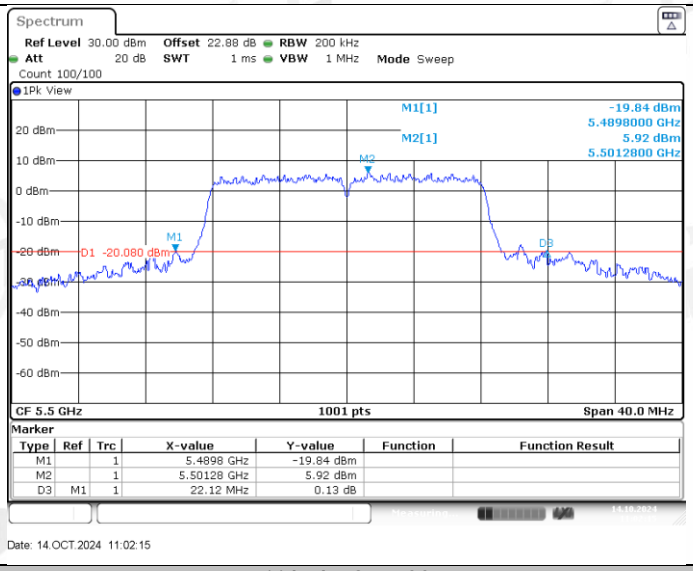

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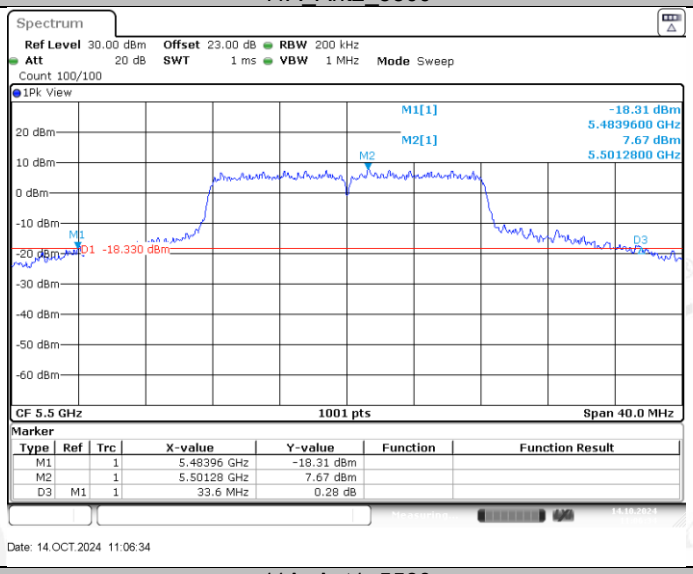

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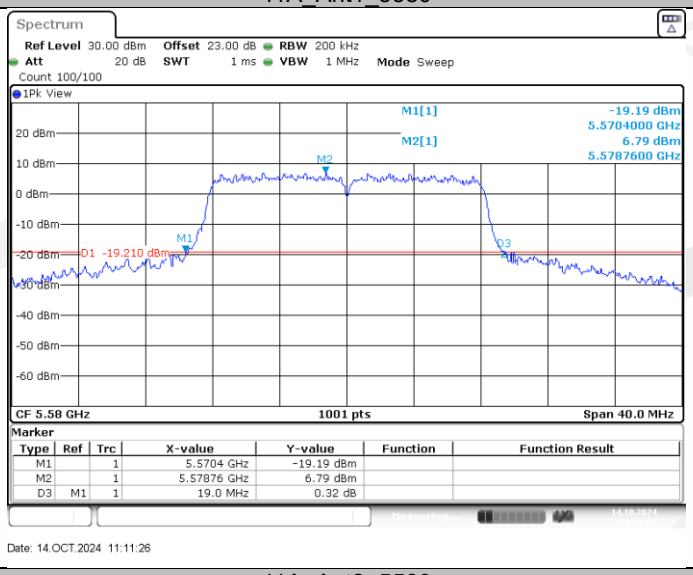

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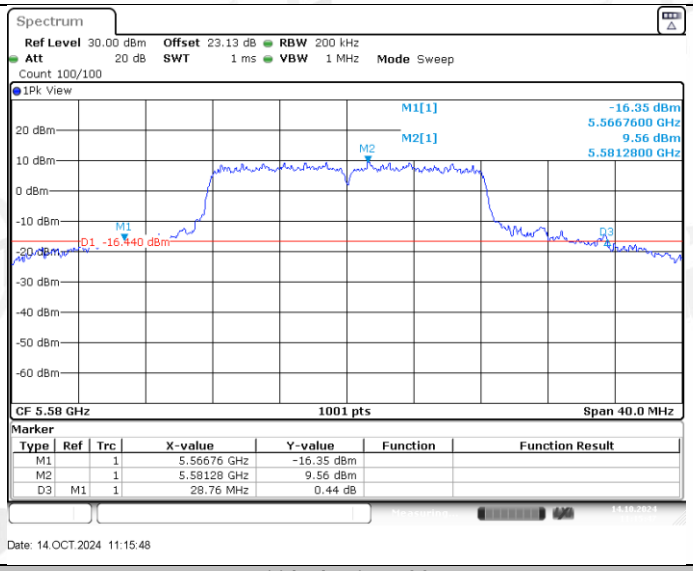

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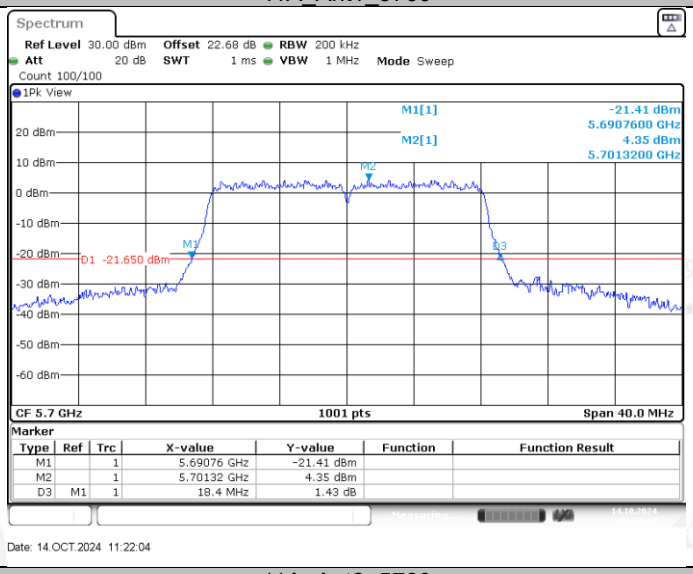

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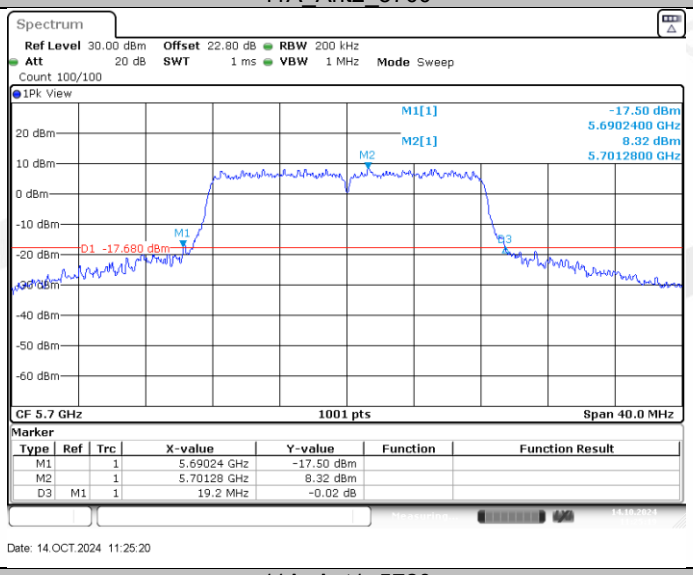

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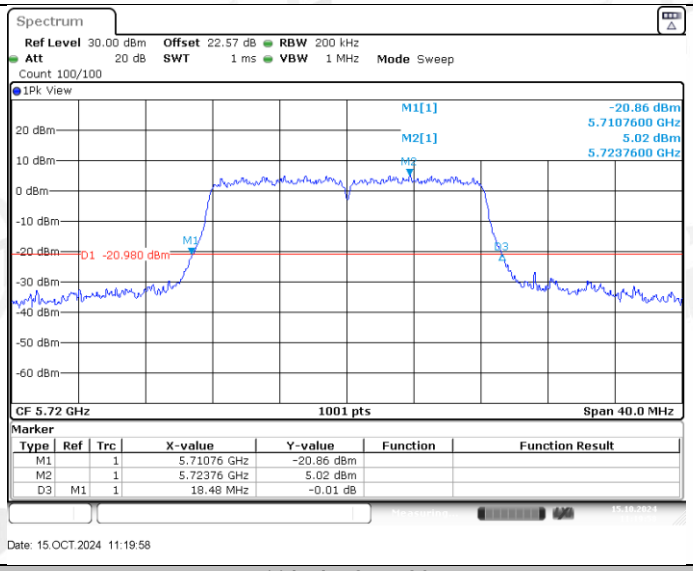

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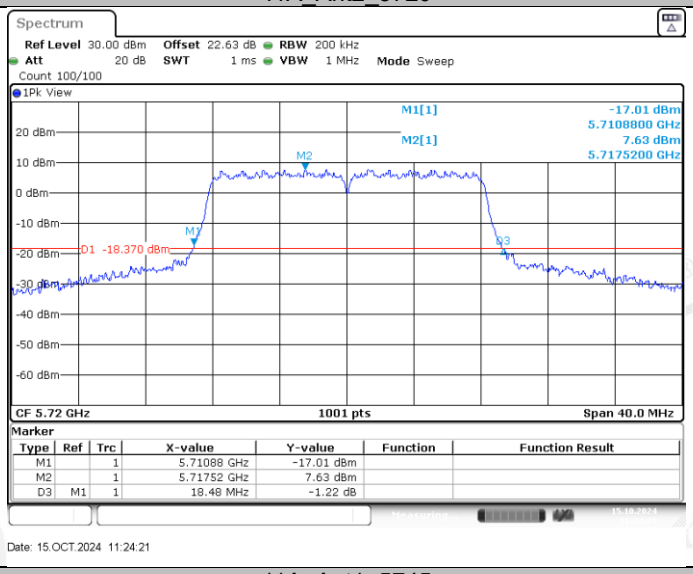

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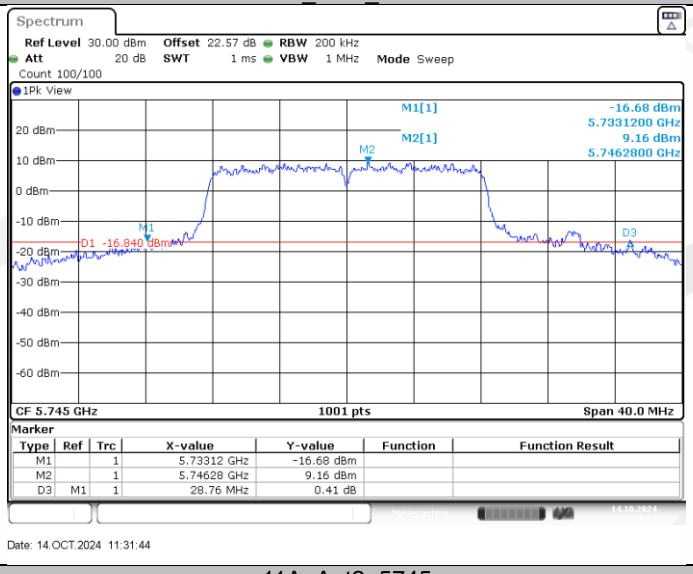

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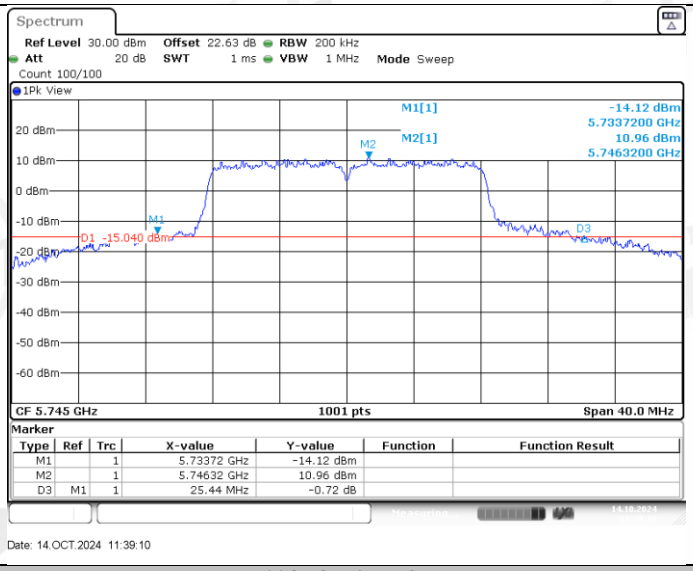

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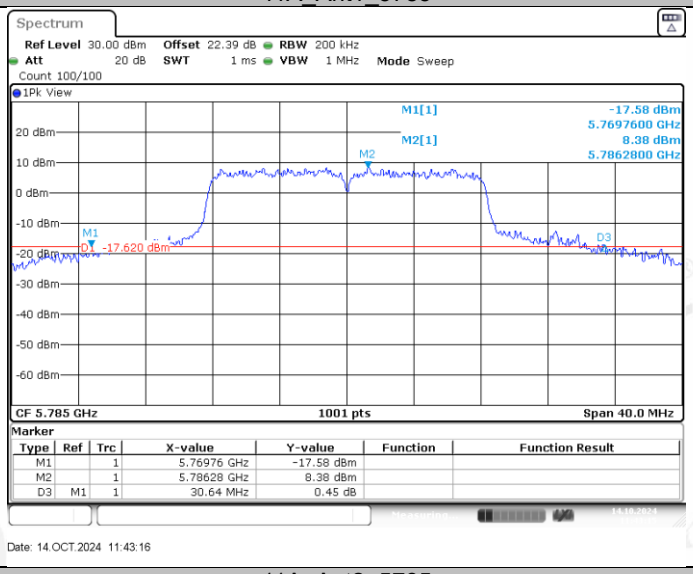

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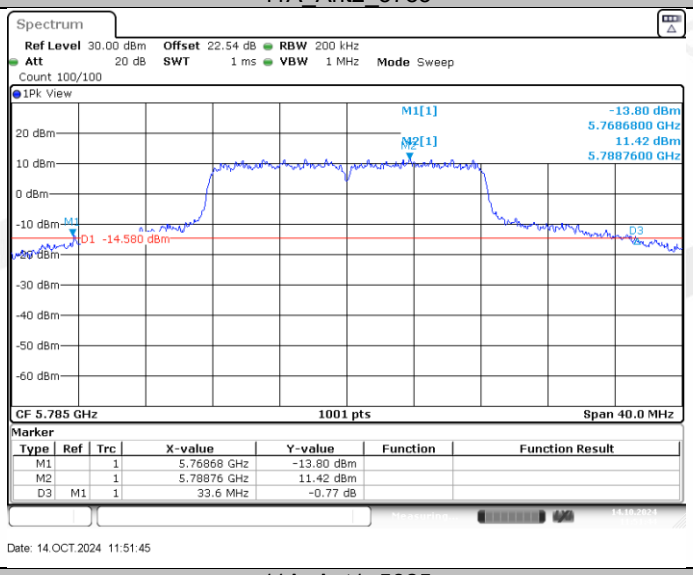

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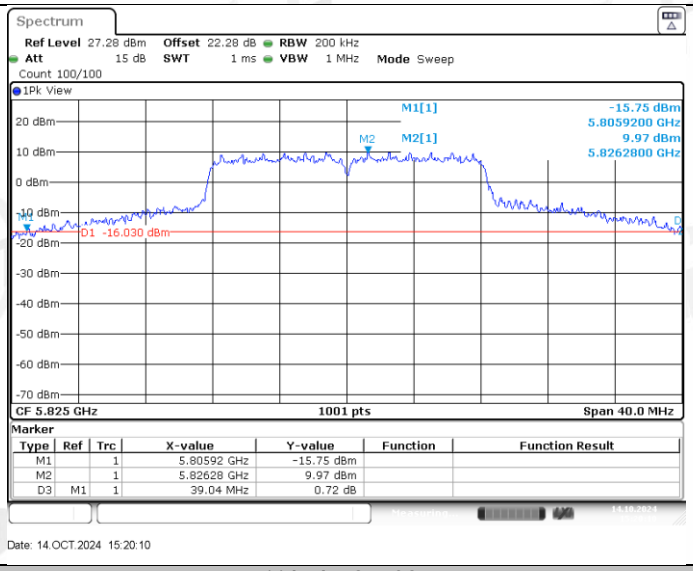

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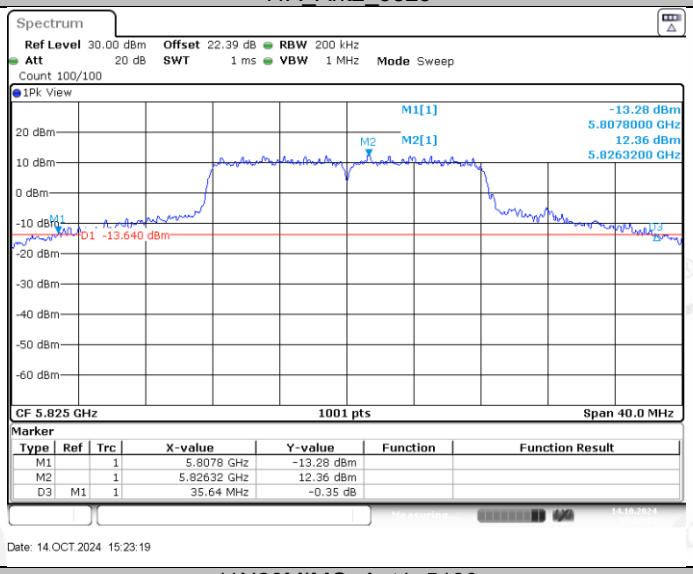

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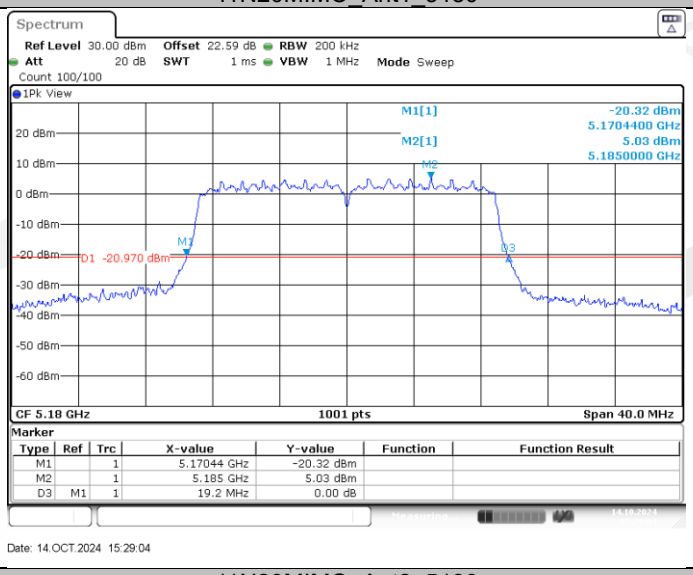

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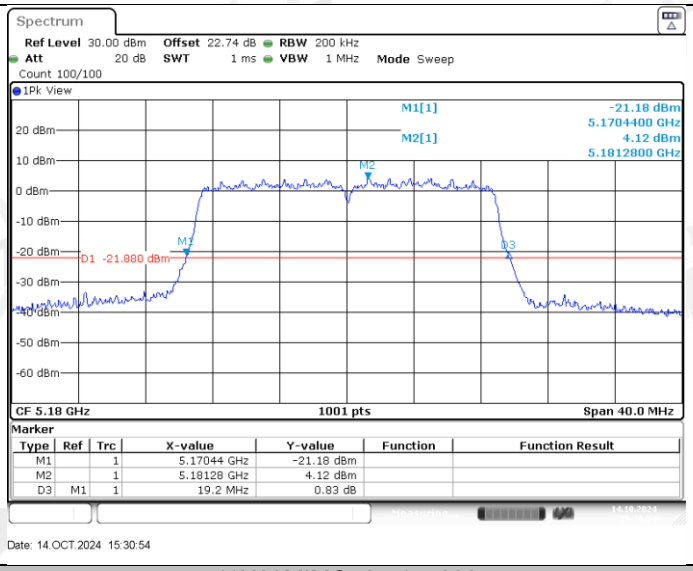

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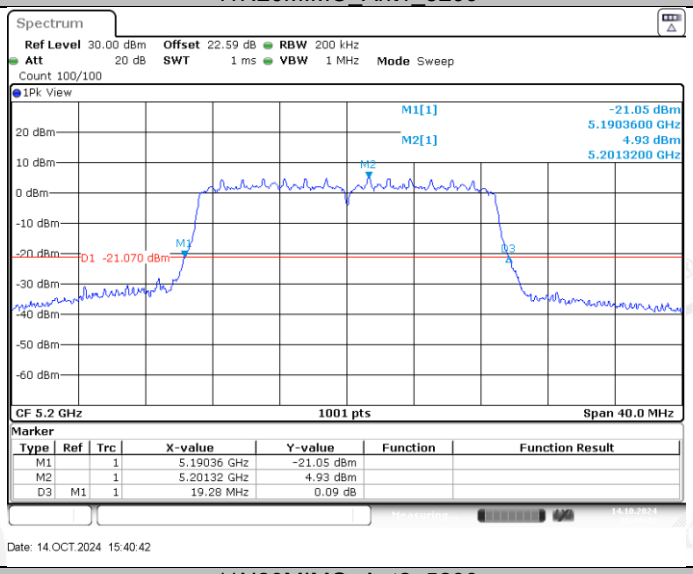

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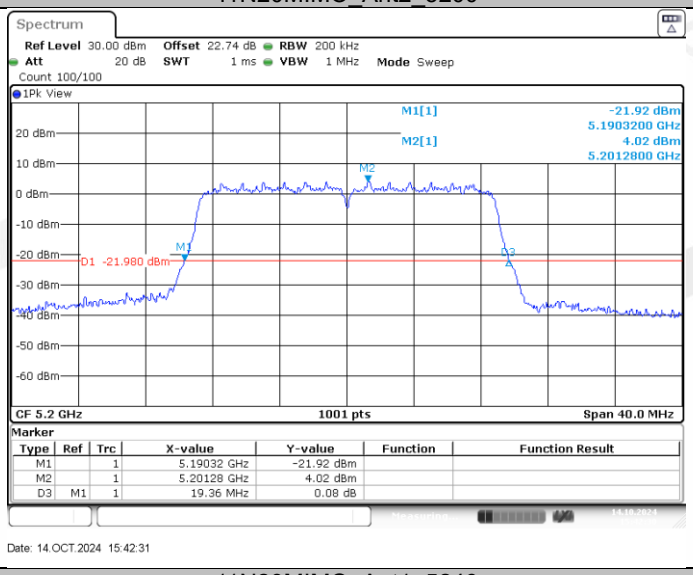

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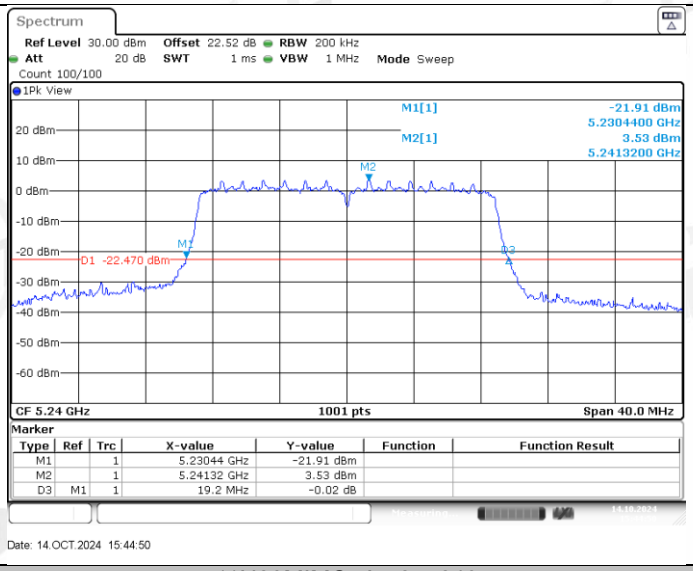

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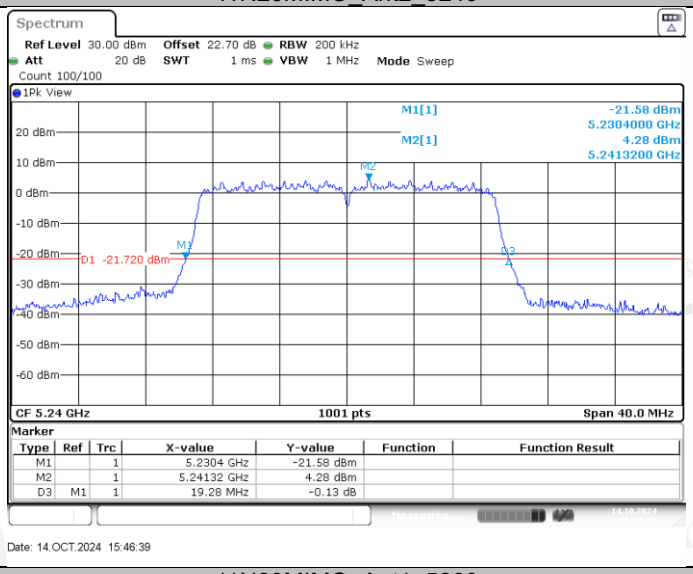

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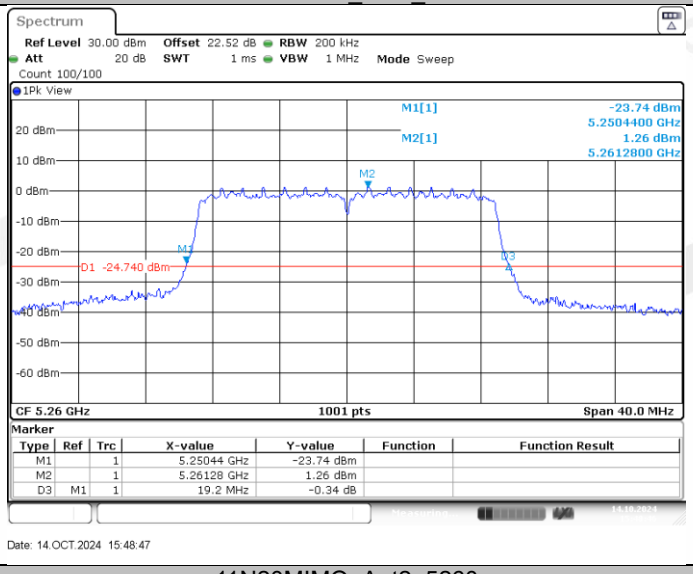

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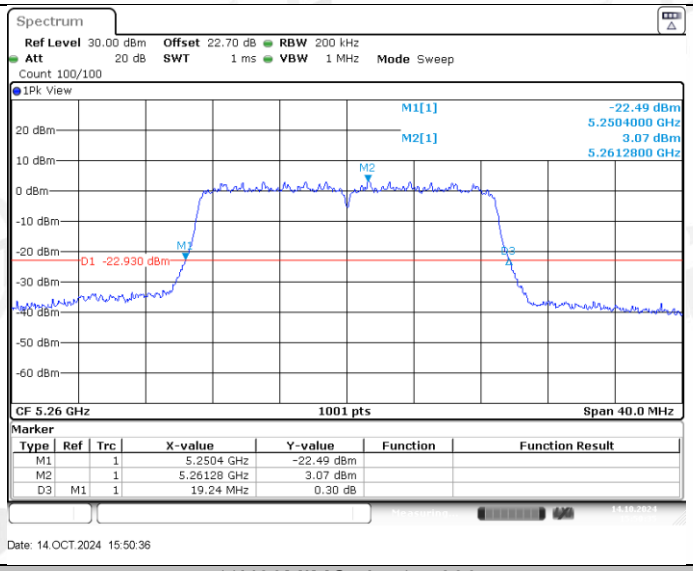

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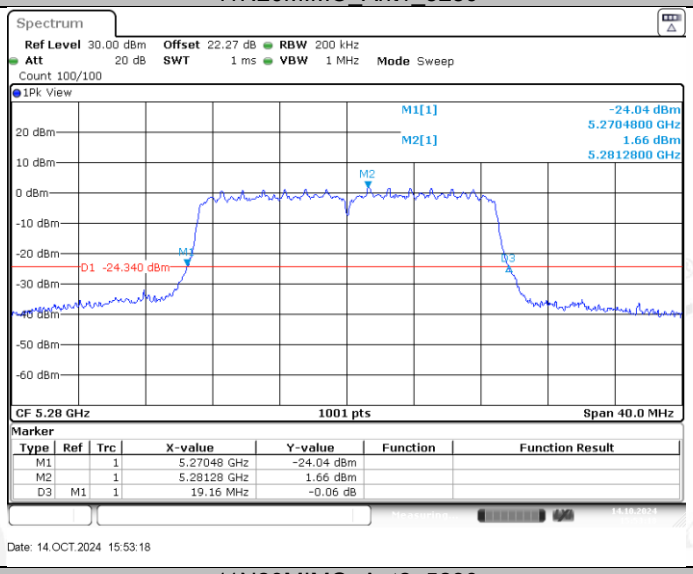

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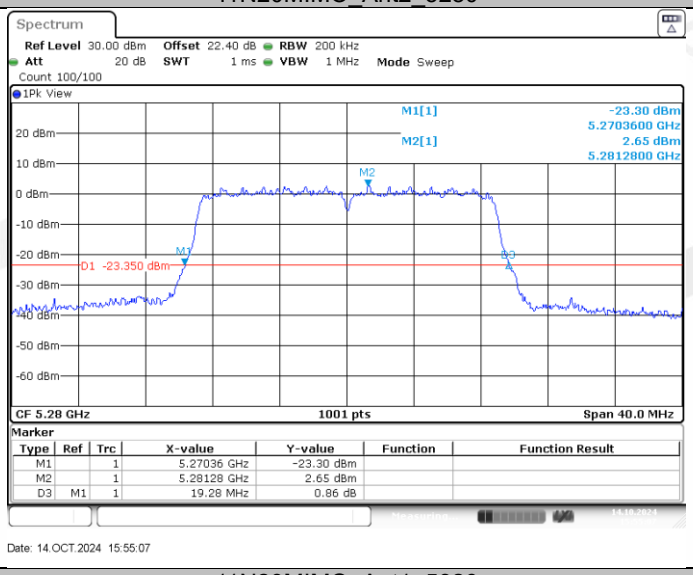

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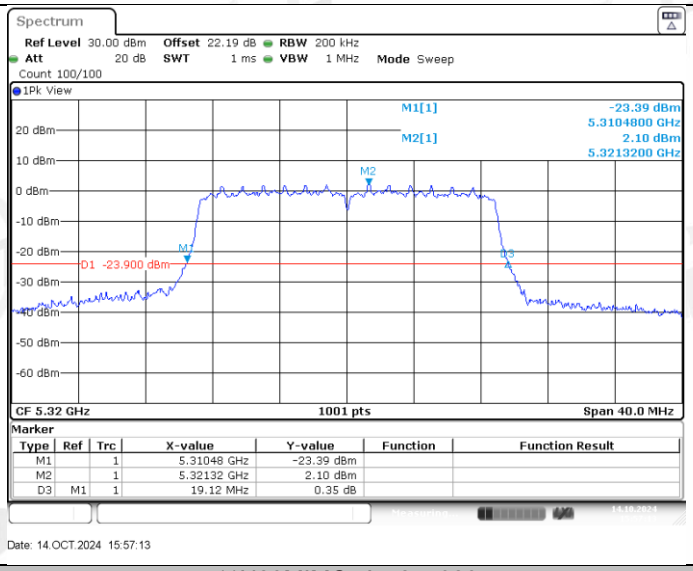

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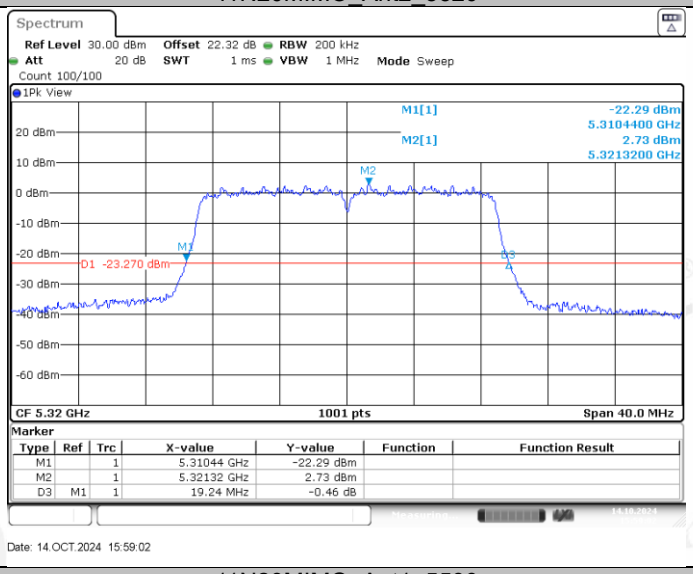

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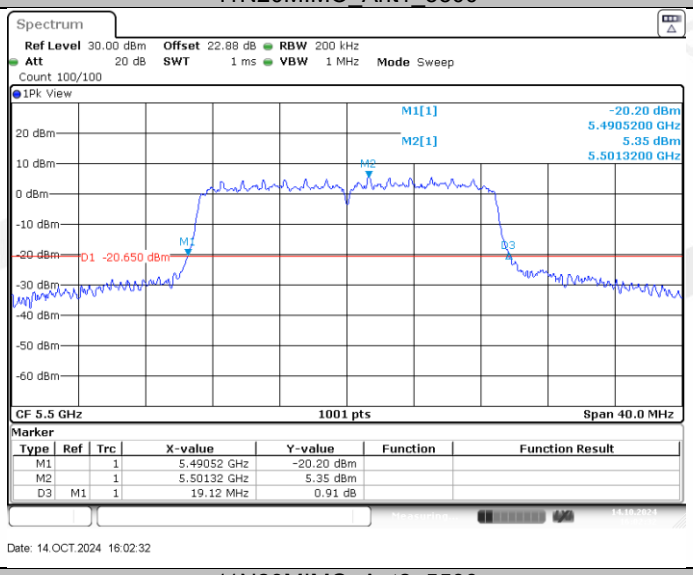

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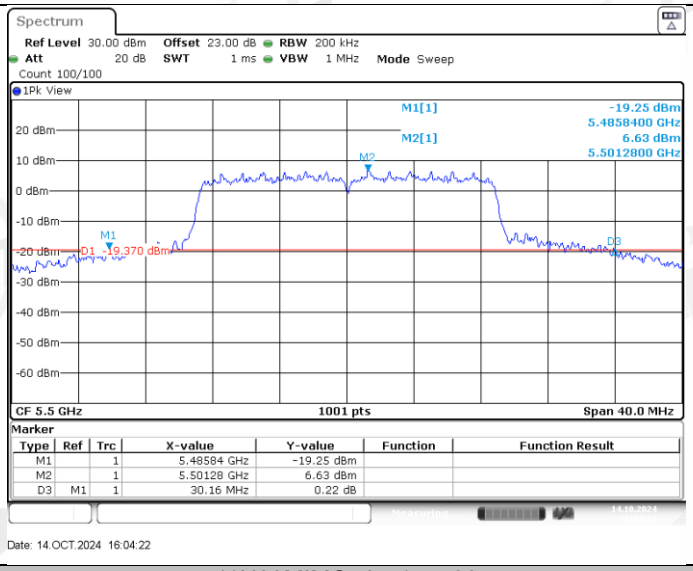

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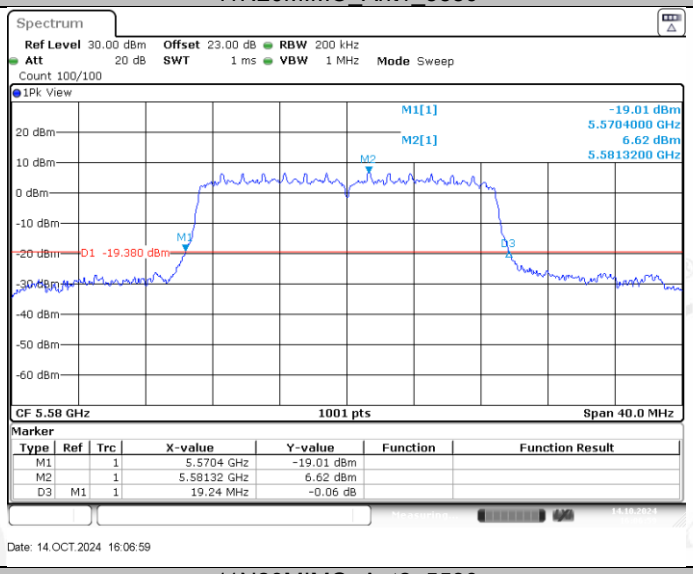

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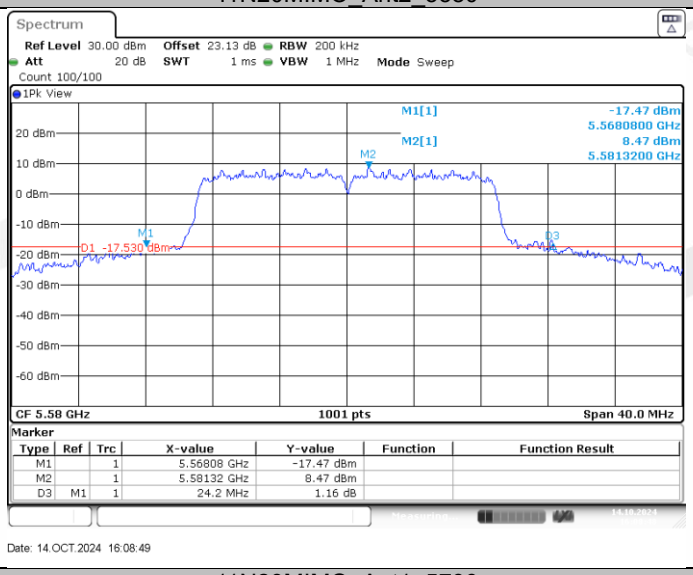
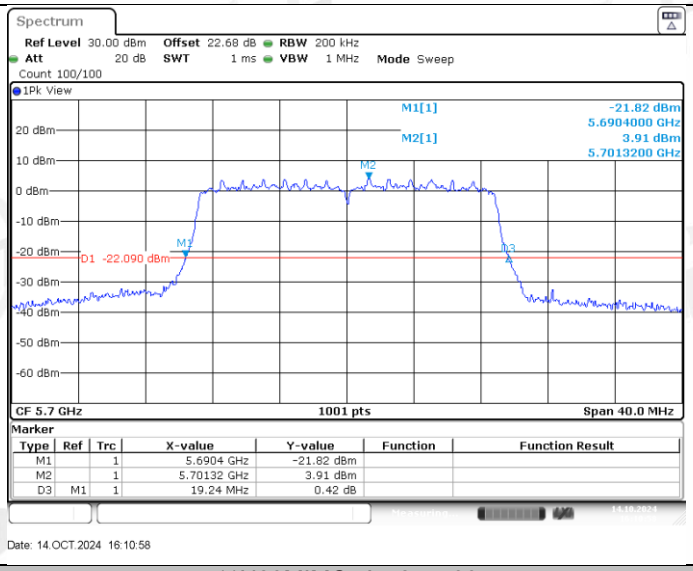
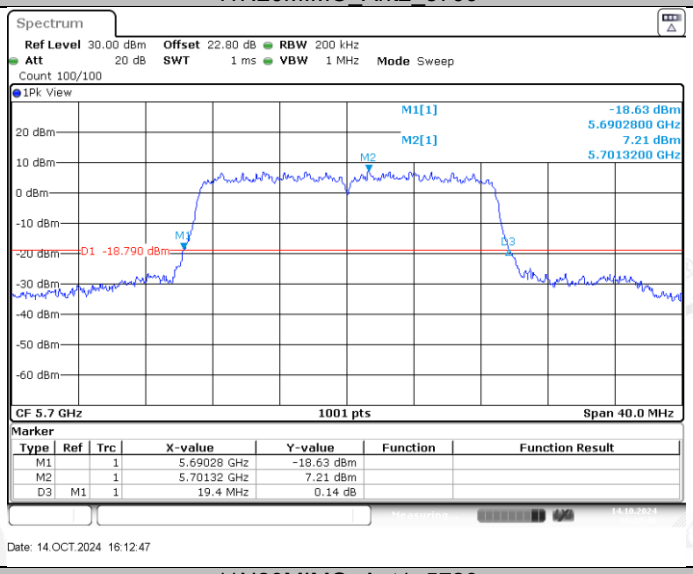


11N20MIMO_Ant1_5700



11N20MIMO_Ant2_5700



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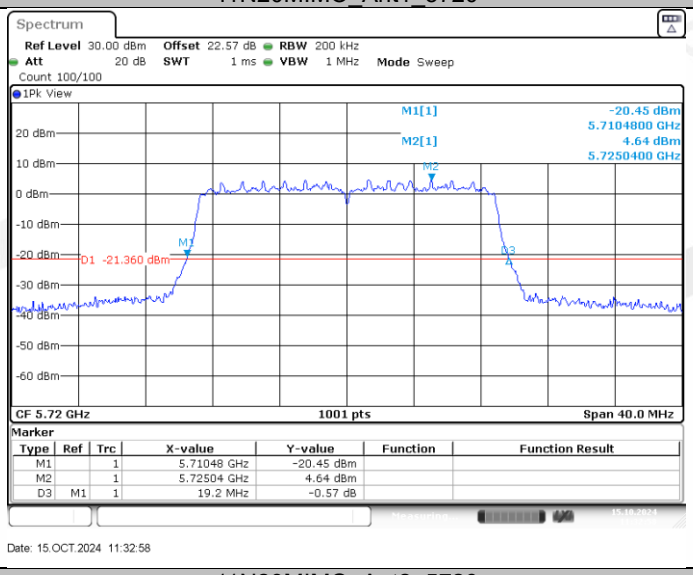

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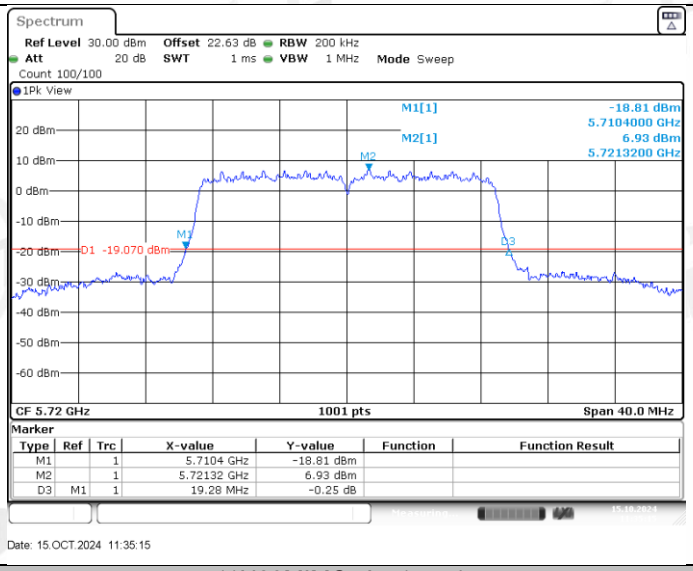
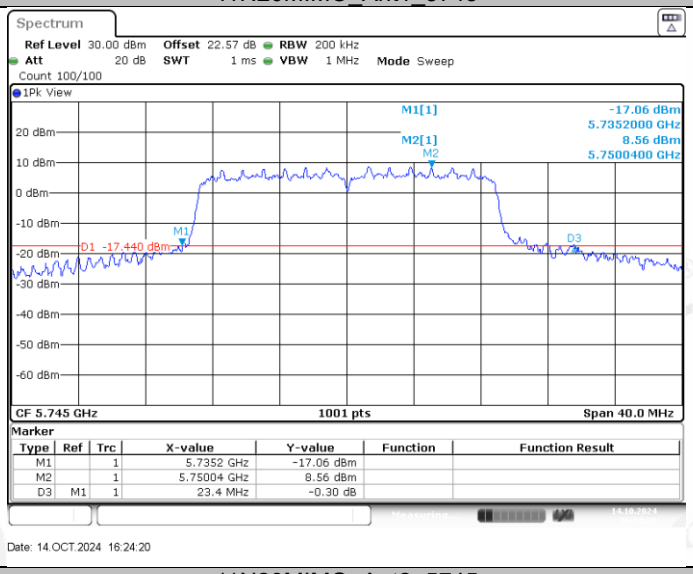
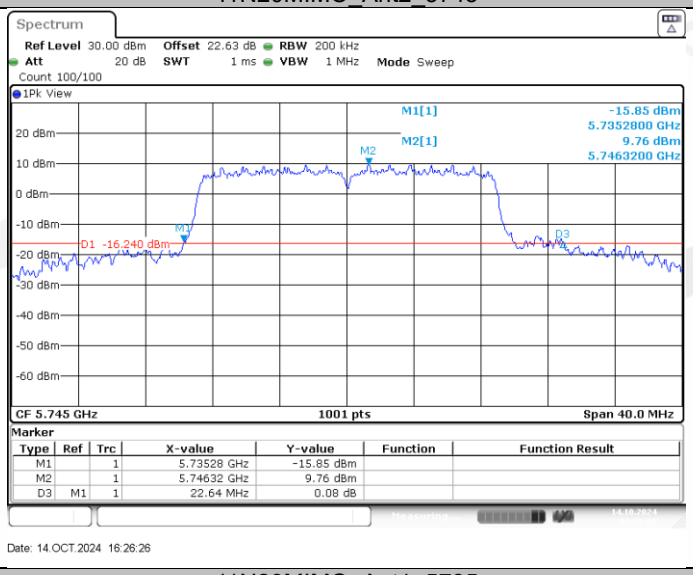


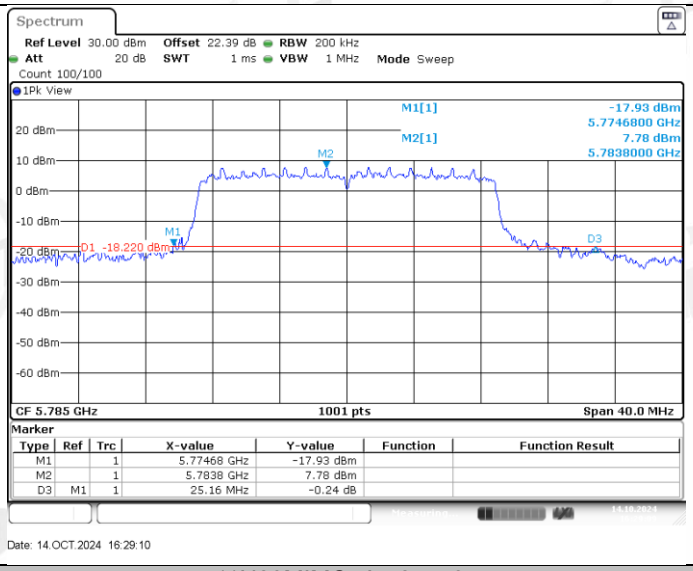
11N20MIMO_Ant1_5745



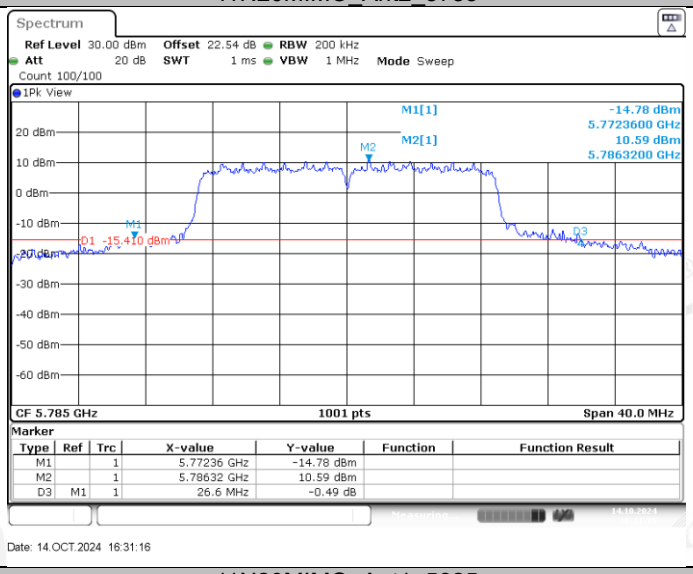
11N20MIMO_Ant2_5745



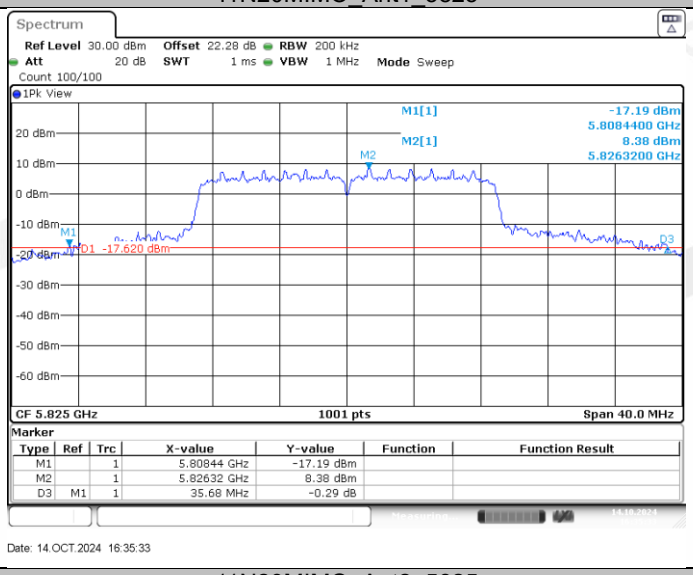
11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



11N20MIMO_Ant1_5825



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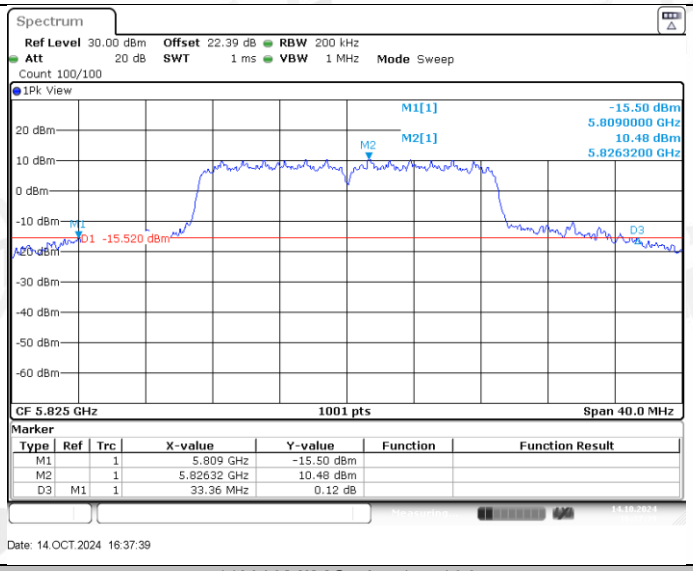
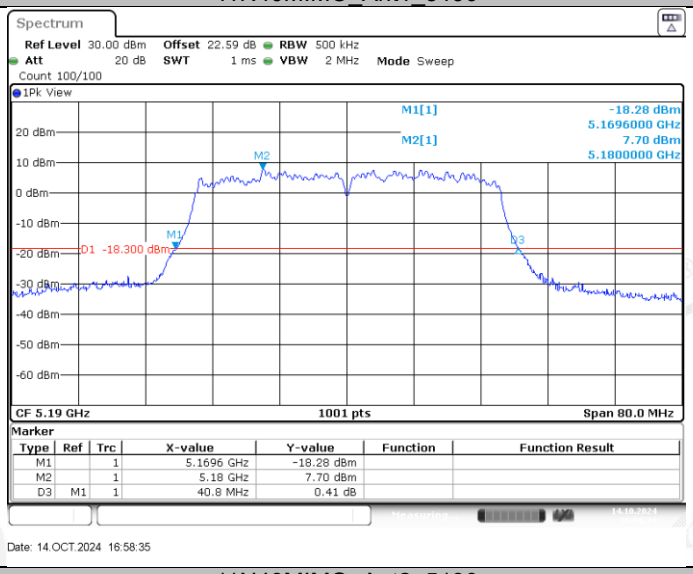


11N40MIMO_Ant1_5190



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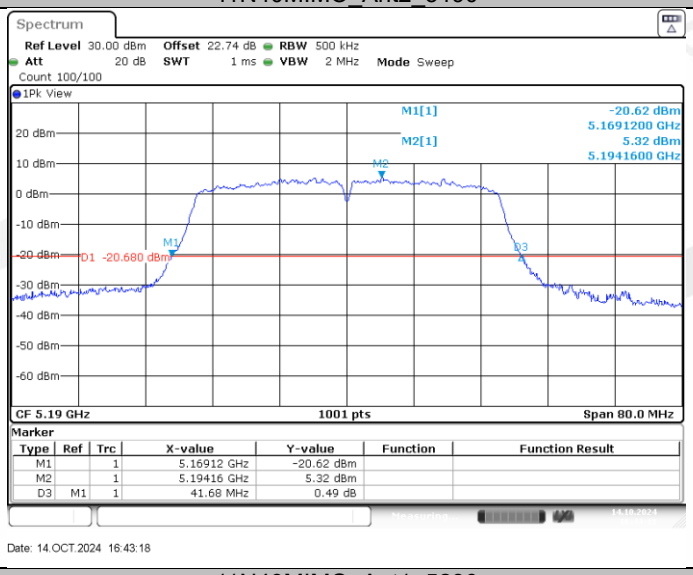

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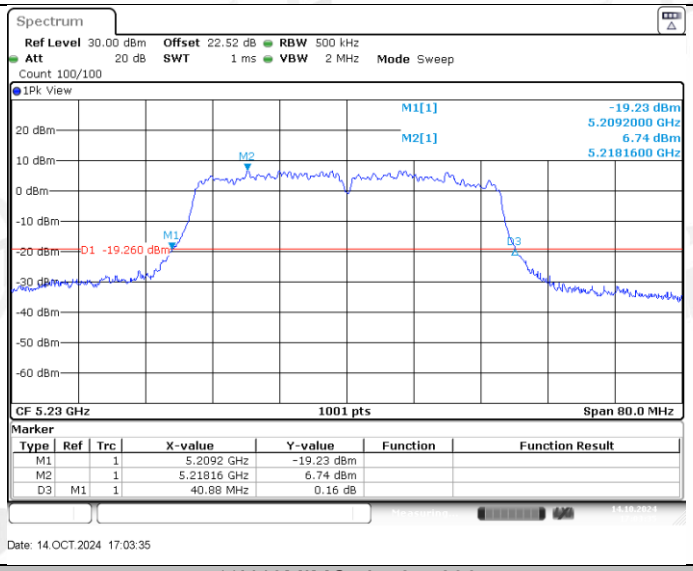

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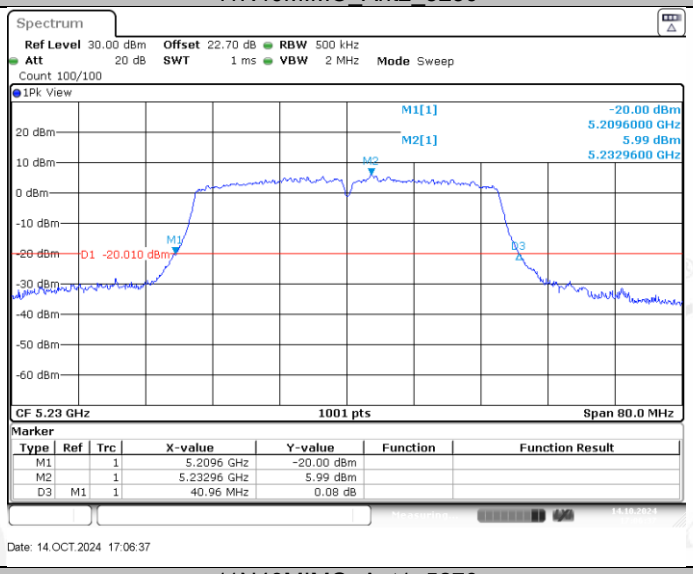
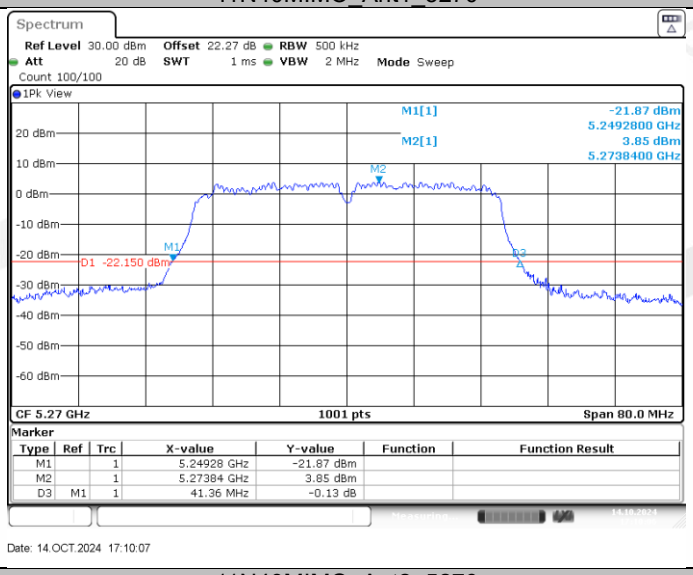
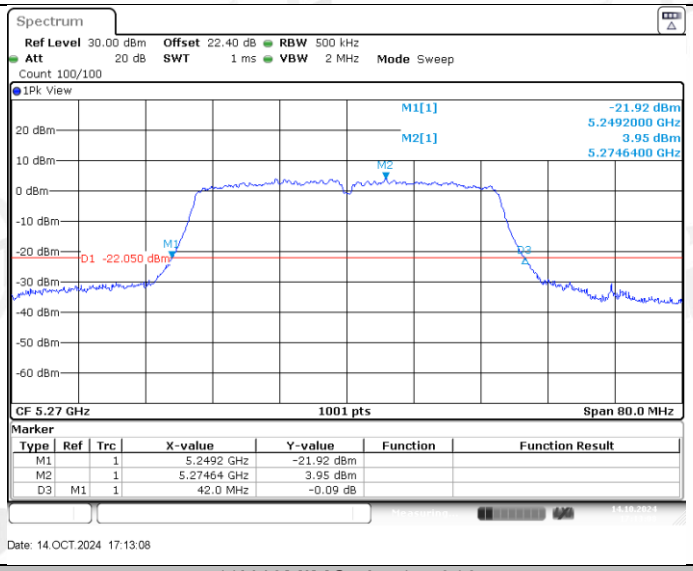


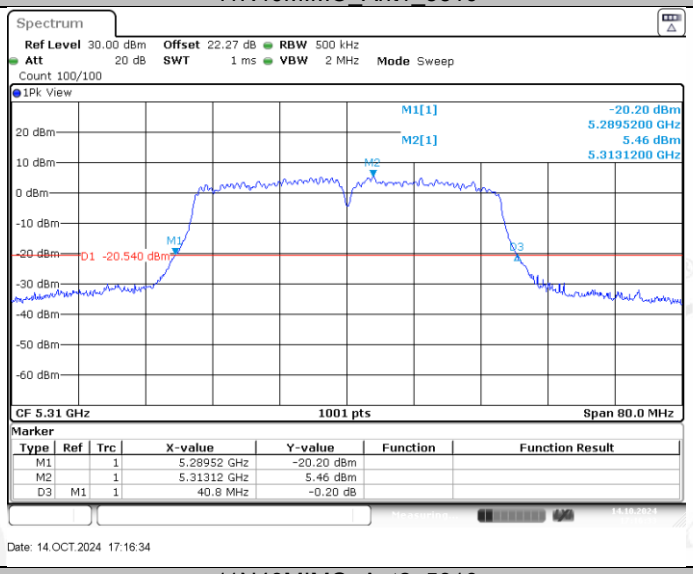
11N40MIMO_Ant1_5270



11N40MIMO_Ant2_5270



11N40MIMO_Ant1_5310



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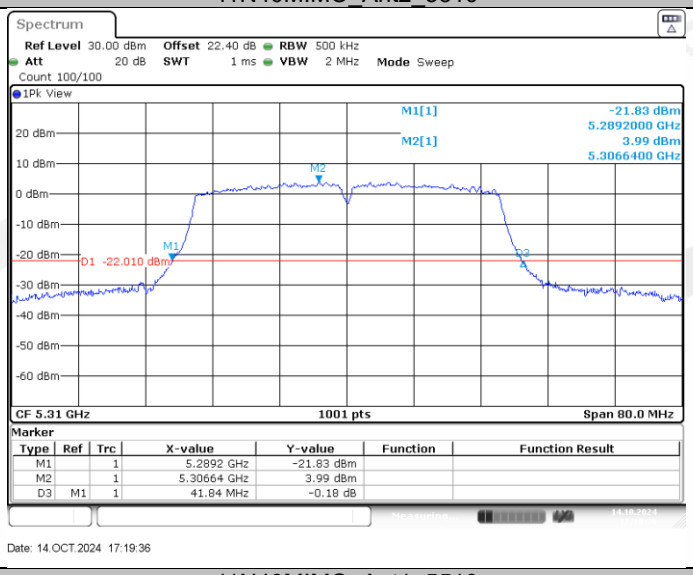

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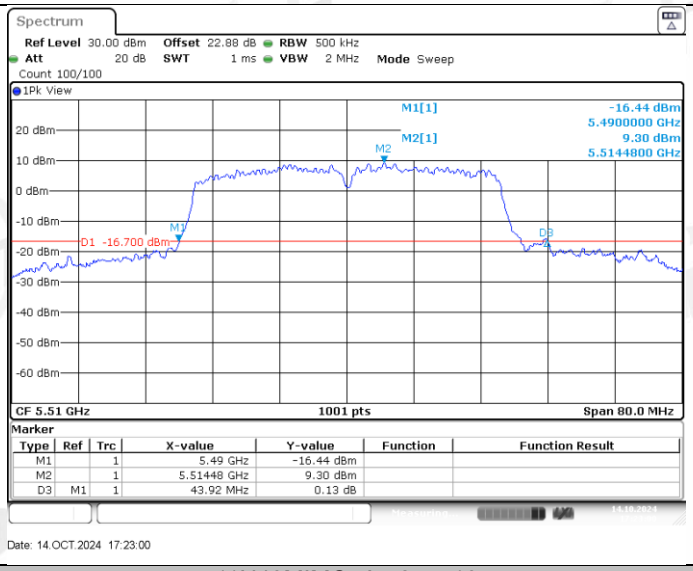

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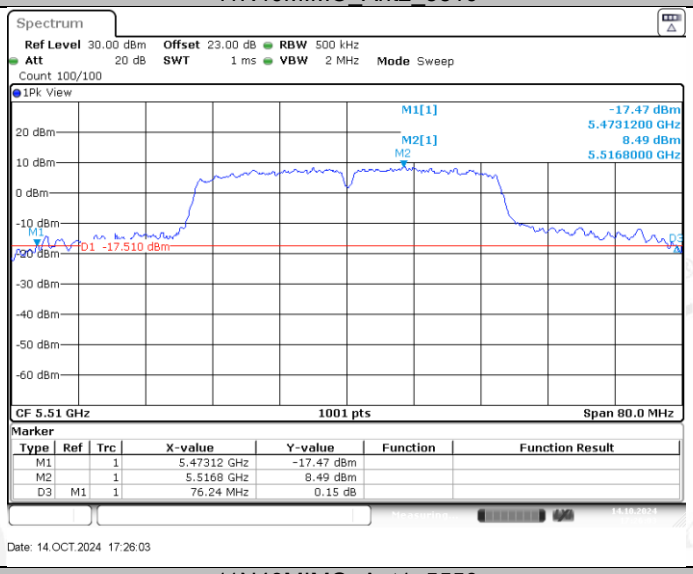

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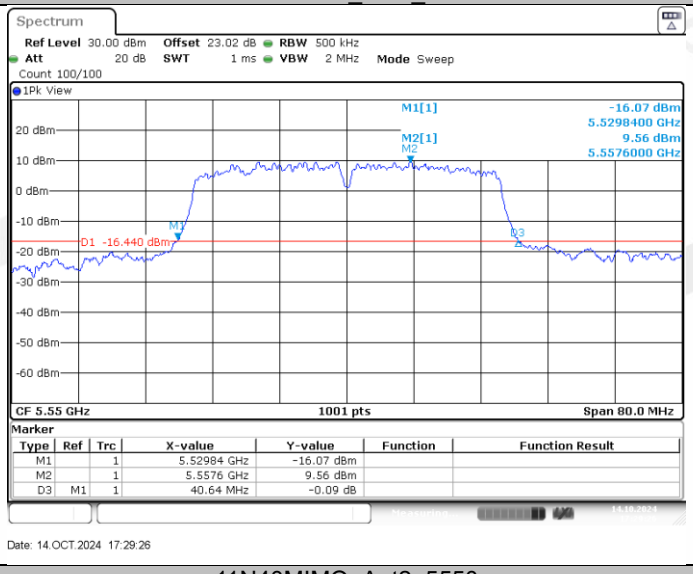

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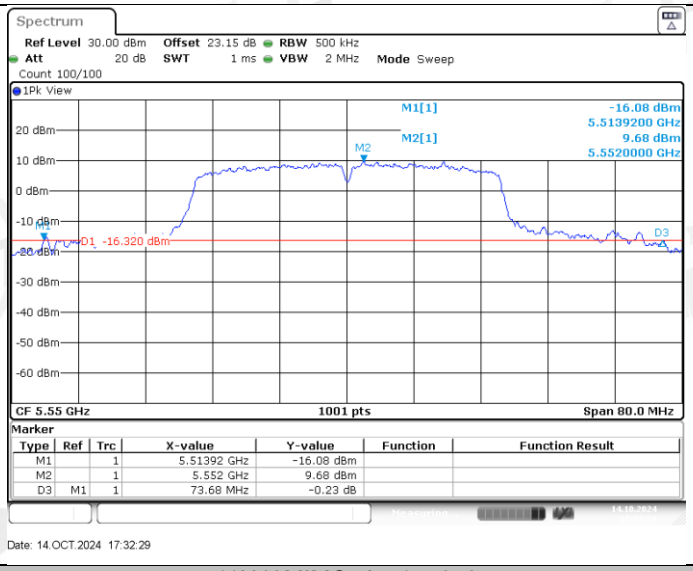

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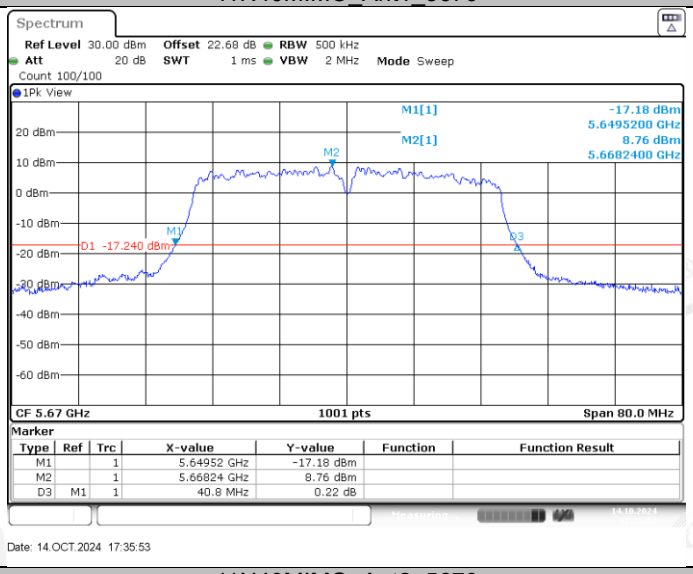

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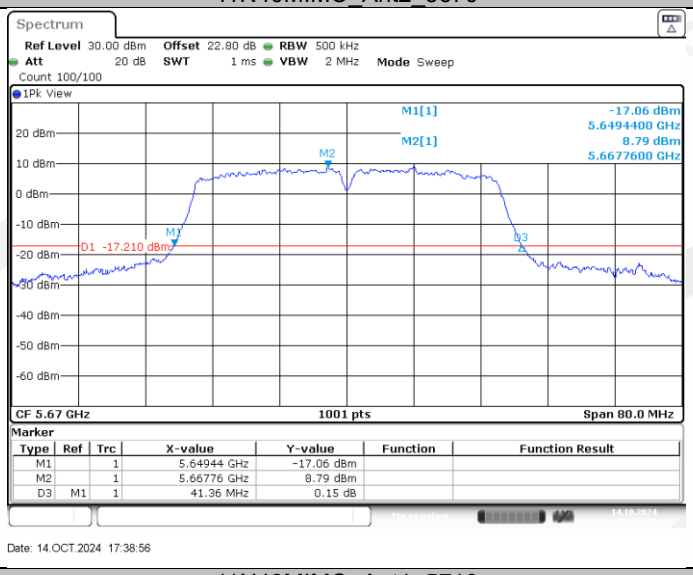

11N40MIMO_Ant1_5710