FCC CERTIFICATION TEST REPORT

Applicant	:	Shenzhen SDMC Technology Co., Ltd.
Address of Applicant	:	Room 1022, Floor 10, Building A, Customs Building, No. 2, Xin'an 3rd Road, Dalang Community, Xin'an Street, Bao'an District, Shenzhen, China
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, China
Equipment under Test	:	4K OTT BOX
Model No.	:	DV9187
FCC ID	:	2AW68-DV9187
Test Standard(s)	:	FCC Rules and Regulations Part 15 Subpart E, ANSI C63.10:2013, 789033 D02 General U-NII Test Procedures New Rules v02r01, 662911 D01 Multiple Transmitter Output v02r01
Report No.	:	DDT-RE24062520-1E04
Issue Date	:	2024/07/30
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

Table of Contents

Test Report Declare

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Test Standard Used:

FCC Rules and Regulations Part 15 Subpart E,
ANSI C63.10:2013,
789033 D02 General U-NII Test Procedures New Rules v02r01,
662911 D01 Multiple Transmitter Output v02r01

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-RE24062520-1E04		
Date of Receipt:	2024/07/02	**Date of Test:**	2024/07/02~2024/07/30

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	2024/07/30	

1. Summary of Test Results

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

2. General Test Information

2.1. Description of EUT

EUT Name	:	4K OTT BOX
Model Number	:	DV9187
EUT Function Description	:	Please reference user manual of this device
Power Supply	:	DC 12V powered by an 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	PIFA			
Max Antenna Gain (dBi)		Ant1 Gain	Ant2 Gain	Directional Gain
	IEEE 802.11a	4.66	4.66	/
	IEEE 802.11n HT20	4.66	4.66	7.67
	IEEE 802.11n HT40	4.66	4.66	7.67
	IEEE 802.11ac VHT20	4.66	4.66	7.67
	IEEE 802.11ac VHT40	4.66	4.66	7.67
	IEEE 802.11ac VHT80	4.66	4.66	7.67
Note: The EUT supports MIMO 2X2, any transmit signals are correlated with each other. So the Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$)^2/2] =7.67dBi				

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 : “☒” 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.

“⊠” means to be chosen or applicable; “□” means don’t to be chosen or not applicable; This note applies to entire report.

2.2. Accessories of EUT

Accessories	Manufacturer	Model number	Description
Remoted controller	/	/	Infrared/Bluetooth/voice
HDMI cable	/	/	Length: 1.50m, Shielded
AV cable	/	/	Length: 1.20m, Unshielded
Adapter	CHENZHOU FRECOM	F12L33-120100SPAU	Input: 100-240V~ 50/60Hz 0.3A Output: DC 12.0V/1.0A 12.0W
Internet cable	/	/	Length: 1.50m, Unshielded

2.3. Block diagram of EUT configuration for test

Configuration diagram


2.4. Decision of final test mode

According pre-test, the worst test modes were reported as below:
Test software: adb.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	86	86	6	Low: CH36	5180
	86	86	6	Middle: CH40	5200
	86	86	6	High: CH48	5240
	86	86	6	Low: CH52	5260
	86	86	6	Middle: CH56	5280
	86	86	6	High: CH64	5320
	86	86	6	Low: CH100	5500
	86	86	6	Middle: CH116	5580
	70	70	6	High: CH140	5700
	86	86	6	Straddle:CH144	5720
	86	86	6	Low: CH149	5745
	86	86	6	Middle: CH157	5785
	86	86	6	High: CH165	5825
IEEE 802.11n HT20	86	86	MCS 8	Low: CH36	5180
	86	86	MCS 8	Middle: CH40	5200
	86	86	MCS 8	High: CH48	5240
	86	86	MCS 8	Low: CH52	5260

	86	86	MCS 8	Middle: CH56	5280
	86	86	MCS 8	High: CH64	5320
	71	81	MCS 8	Low: CH100	5500
	71	81	MCS 8	Middle: CH116	5580
	70	70	MCS 8	High: CH140	5700
	71	81	MCS 8	Straddle:CH144	5720
	80	86	MCS 8	Low: CH149	5745
	80	86	MCS 8	Middle: CH157	5785
	80	86	MCS 8	High: CH165	5825
IEEE 802.11n HT40	76	76	MCS 8	Low: CH38	5190
	76	76	MCS 8	Middle: CH46	5230
	76	76	MCS 8	High: CH54	5270
	76	76	MCS 8	Low: CH62	5310
	70	76	MCS 8	Middle: CH102	5510
	70	76	MCS 8	High: CH110	5550
	70	76	MCS 8	Low: CH134	5670
	70	76	MCS 8	Middle: CH151	5755
	70	76	MCS 8	High: CH159	5795
IEEE 802.11ac VHT20	76	76	MCS 0	Low: CH36	5180
	76	76	MCS 0	Middle: CH40	5200
	76	76	MCS 0	High: CH48	5240
	76	76	MCS 0	Low: CH52	5260
	76	76	MCS 0	Middle: CH56	5280
	76	76	MCS 0	High: CH64	5320
	70	76	MCS 0	Low: CH100	5500
	70	76	MCS 0	Middle: CH116	5580
	70	76	MCS 0	High: CH140	5700
	70	76	MCS 0	Straddle:CH144	5720
	70	76	MCS 0	Low: CH149	5745
	70	76	MCS 0	Middle: CH157	5785
	70	76	MCS 0	High: CH165	5825
IEEE 802.11 ac VHT40	70	70	MCS 0	Low: CH38	5190
	70	70	MCS 0	Middle: CH46	5230
	70	70	MCS 0	High: CH54	5270
	70	70	MCS 0	Low: CH62	5310
	64	70	MCS 0	Middle: CH102	5510
	64	70	MCS 0	High: CH110	5550
	64	70	MCS 0	Low: CH134	5670
	64	70	MCS 0	Straddle: CH142	5710
	64	70	MCS 0	Middle: CH151	5755

	64	70	MCS 0	High: CH159	5795
IEEE 802.11ac VHT80	70	70	MCS 0	CH42	5210
	70	70	MCS 0	CH58	5290
	64	70	MCS 0	CH106	5530
	64	70	MCS 0	CH122	5610
	64	70	MCS 0	CH138	5690
	64	70	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.					

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

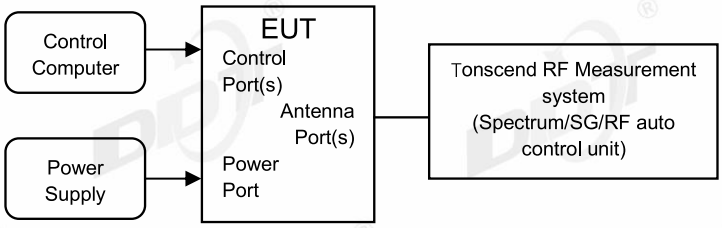
Test Item	Uncertainty
Bandwidth	1.1%
Peak Output Power (Conducted) (Spectrum analyzer)	0.86 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Peak Output Power (Conducted) (Power Sensor)	0.74 dB
Power Spectral Density	0.74 dB (10 MHz ≤ f < 3.6 GHz);
	1.38 dB (3.6 GHz ≤ f < 8 GHz)
Frequencies 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		
Test Item	Limit	Frequency Range (MHz)
26 dB Bandwidth	---	5150 - 5250
	---	5250 - 5350
	---	5470 - 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:	26.1℃,38.6%RH	Test Date:	2024.07.07-2024.07.30
Test Power Supply:	DC 12V	Sample Number:	S24062520-003

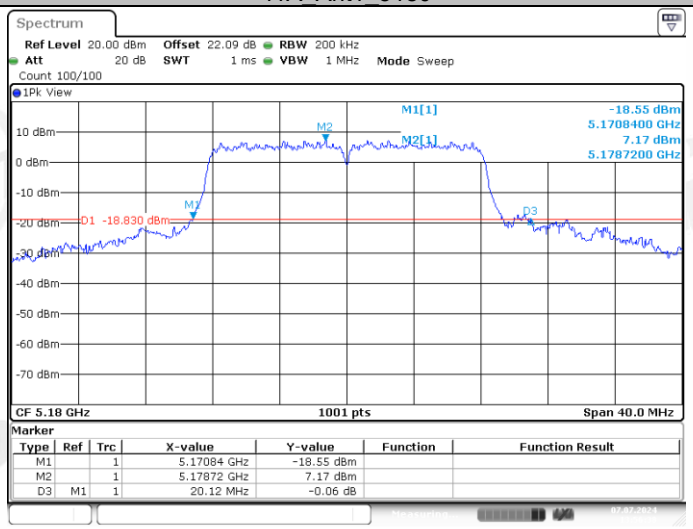
Test Mode	Antenna	Frequency[MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.12	5170.84	5190.96	---	---
	Ant2	5180	18.88	5170.60	5189.48	---	---
	Ant1	5200	18.44	5190.80	5209.24	---	---
	Ant2	5200	20.48	5190.24	5210.72	---	---
	Ant1	5240	19.32	5230.76	5250.08	---	---
	Ant2	5240	24.68	5229.32	5254.00	---	---
	Ant1	5260	18.64	5250.56	5269.20	---	---
	Ant2	5260	23.48	5249.28	5272.76	---	---
	Ant1	5280	20.88	5270.76	5291.64	---	---
	Ant2	5280	24.24	5269.80	5294.04	---	---
	Ant1	5320	22.08	5310.44	5332.52	---	---
	Ant2	5320	27.56	5308.04	5335.60	---	---
	Ant1	5500	36.04	5482.44	5518.48	---	---
	Ant2	5500	29.28	5486.64	5515.92	---	---
	Ant1	5580	33.20	5564.00	5597.20	---	---
	Ant2	5580	37.60	5562.36	5599.96	---	---
	Ant1	5700	29.32	5686.04	5715.36	---	---
	Ant2	5700	38.00	5681.40	5719.40	---	---
	Ant1	5720	26.48	5707.68	5734.16	---	---
	Ant2	5720	39.32	5700.32	5739.64	---	---
	Ant1	5720_UNII-2C	17.32	5707.68	5725	---	---
	Ant2	5720_UNII-2C	24.68	5700.32	5725	---	---
	Ant1	5720_UNII-3	9.16	5725	5734.16	---	---
	Ant2	5720_UNII-3	14.64	5725	5739.64	---	---
	Ant1	5745	25.24	5732.88	5758.12	---	---
	Ant2	5745	39.24	5725.72	5764.96	---	---
	Ant1	5785	27.56	5773.24	5800.80	---	---
	Ant2	5785	39.52	5765.44	5804.96	---	---
	Ant1	5825	28.76	5811.32	5840.08	---	---
	Ant2	5825	39.44	5805.52	5844.96	---	---
11N20MIMO	Ant1	5180	19.28	5170.36	5189.64	---	---
	Ant2	5180	21.04	5170.40	5191.44	---	---
	Ant1	5200	19.20	5190.40	5209.60	---	---
	Ant2	5200	19.20	5190.40	5209.60	---	---
	Ant1	5240	19.32	5230.32	5249.64	---	---
	Ant2	5240	20.36	5230.44	5250.80	---	---
	Ant1	5260	19.28	5250.32	5269.60	---	---
	Ant2	5260	19.20	5250.40	5269.60	---	---
	Ant1	5280	19.32	5270.32	5289.64	---	---
	Ant2	5280	19.16	5270.36	5289.52	---	---
	Ant1	5320	20.24	5310.36	5330.60	---	---
	Ant2	5320	22.32	5310.40	5332.72	---	---
	Ant1	5500	30.76	5486.76	5517.52	---	---
	Ant2	5500	19.32	5490.36	5509.68	---	---
	Ant1	5580	31.96	5564.64	5596.60	---	---
	Ant2	5580	27.04	5566.80	5593.84	---	---
	Ant1	5700	23.04	5690.04	5713.08	---	---
	Ant2	5700	34.12	5683.96	5718.08	---	---
	Ant1	5720	27.60	5706.76	5734.36	---	---
	Ant2	5720	36.80	5702.64	5739.44	---	---
	Ant1	5720_UNII-2C	18.24	5706.76	5725	---	---
	Ant2	5720_UNII-2C	22.36	5702.64	5725	---	---
	Ant1	5720_UNII-3	9.36	5725	5734.36	---	---
	Ant2	5720_UNII-3	14.44	5725	5739.44	---	---
	Ant1	5745	19.28	5735.44	5754.72	---	---

	Ant2	5745	37.44	5726.64	5764.08	---	---
	Ant1	5785	19.56	5775.44	5795.00	---	---
	Ant2	5785	38.28	5766.64	5804.92	---	---
	Ant1	5825	27.84	5812.12	5839.96	---	---
	Ant2	5825	39.20	5805.24	5844.44	---	---
11N40MIMO	Ant1	5190	41.68	5169.12	5210.80	---	---
	Ant2	5190	40.24	5169.84	5210.08	---	---
	Ant1	5230	41.36	5209.52	5250.88	---	---
	Ant2	5230	41.28	5209.92	5251.20	---	---
	Ant1	5270	41.92	5249.20	5291.12	---	---
	Ant2	5270	45.28	5249.84	5295.12	---	---
	Ant1	5310	44.16	5289.44	5333.60	---	---
	Ant2	5310	41.68	5289.76	5331.44	---	---
	Ant1	5510	74.48	5473.60	5548.08	---	---
	Ant2	5510	42.40	5489.68	5532.08	---	---
	Ant1	5550	72.80	5513.60	5586.40	---	---
	Ant2	5550	42.64	5528.24	5570.88	---	---
	Ant1	5670	71.36	5633.92	5705.28	---	---
	Ant2	5670	74.16	5633.76	5707.92	---	---
	Ant1	5710	48.16	5686.64	5734.80	---	---
	Ant2	5710	73.20	5673.68	5746.88	---	---
	Ant1	5710_UNII-2C	38.36	5686.64	5725	---	---
	Ant2	5710_UNII-2C	51.32	5673.68	5725	---	---
	Ant1	5710_UNII-3	9.8	5725	5734.80	---	---
	Ant2	5710_UNII-3	21.88	5725	5746.88	---	---
	Ant1	5755	64.96	5725.16	5790.12	---	---
	Ant2	5755	78.56	5716.20	5794.76	---	---
	Ant1	5795	48.40	5774.20	5822.60	---	---
	Ant2	5795	77.52	5755.24	5832.76	---	---
11AC20MIMO	Ant1	5180	19.36	5170.36	5189.72	---	---
	Ant2	5180	19.16	5170.44	5189.60	---	---
	Ant1	5200	19.28	5190.32	5209.60	---	---
	Ant2	5200	20.16	5190.36	5210.52	---	---
	Ant1	5240	19.20	5230.40	5249.60	---	---
	Ant2	5240	20.88	5230.44	5251.32	---	---
	Ant1	5260	19.68	5250.36	5270.04	---	---
	Ant2	5260	19.24	5250.40	5269.64	---	---
	Ant1	5280	19.24	5270.40	5289.64	---	---
	Ant2	5280	20.72	5270.32	5291.04	---	---
	Ant1	5320	20.28	5310.28	5330.56	---	---
	Ant2	5320	21.40	5310.48	5331.88	---	---
	Ant1	5500	32.32	5485.88	5518.20	---	---
	Ant2	5500	19.36	5490.40	5509.76	---	---
	Ant1	5580	28.48	5566.56	5595.04	---	---
	Ant2	5580	26.48	5568.00	5594.48	---	---
	Ant1	5700	22.96	5688.96	5711.92	---	---
	Ant2	5700	34.00	5684.24	5718.24	---	---
	Ant1	5720	20.36	5709.68	5730.04	---	---
	Ant2	5720	35.72	5703.08	5738.80	---	---
	Ant1	5720_UNII-2C	15.32	5709.68	5725	---	---
	Ant2	5720_UNII-2C	21.92	5703.08	5725	---	---
	Ant1	5720_UNII-3	5.04	5725	5730.04	---	---
	Ant2	5720_UNII-3	13.8	5725	5738.80	---	---
	Ant1	5745	19.32	5735.32	5754.64	---	---
	Ant2	5745	38.16	5725.84	5764.00	---	---
	Ant1	5785	23.48	5772.12	5795.60	---	---
	Ant2	5785	37.36	5767.16	5804.52	---	---
	Ant1	5825	19.88	5815.20	5835.08	---	---
	Ant2	5825	39.80	5805.16	5844.96	---	---
11AC40MIMO	Ant1	5190	42.32	5168.88	5211.20	---	---
	Ant2	5190	41.36	5169.76	5211.12	---	---
	Ant1	5230	42.88	5208.80	5251.68	---	---
	Ant2	5230	48.80	5209.92	5258.72	---	---
	Ant1	5270	42.40	5249.28	5291.68	---	---

	Ant2	5270	44.88	5249.92	5294.80	---	---
	Ant1	5310	49.68	5289.28	5338.96	---	---
	Ant2	5310	48.48	5290.00	5338.48	---	---
	Ant1	5510	73.68	5474.80	5548.48	---	---
	Ant2	5510	50.32	5488.56	5538.88	---	---
	Ant1	5550	74.24	5513.68	5587.92	---	---
	Ant2	5550	53.84	5526.64	5580.48	---	---
	Ant1	5670	60.56	5642.48	5703.04	---	---
	Ant2	5670	69.84	5635.44	5705.28	---	---
	Ant1	5710	56.72	5682.48	5739.20	---	---
	Ant2	5710	72.40	5675.20	5747.60	---	---
	Ant1	5710_UNII-2C	42.52	5682.48	5725	---	---
	Ant2	5710_UNII-2C	49.8	5675.20	5725	---	---
	Ant1	5710_UNII-3	14.2	5725	5739.20	---	---
	Ant2	5710_UNII-3	22.6	5725	5747.60	---	---
	Ant1	5755	63.60	5727.64	5791.24	---	---
	Ant2	5755	77.28	5717.00	5794.28	---	---
	Ant1	5795	60.32	5767.64	5827.96	---	---
	Ant2	5795	78.24	5755.72	5833.96	---	---
11AC80MIMO	Ant1	5210	81.44	5169.68	5251.12	---	---
	Ant2	5210	97.60	5169.52	5267.12	---	---
	Ant1	5290	89.28	5249.68	5338.96	---	---
	Ant2	5290	94.40	5250.00	5344.40	---	---
	Ant1	5530	149.60	5454.96	5604.56	---	---
	Ant2	5530	120.32	5472.40	5592.72	---	---
	Ant1	5610	134.72	5537.68	5672.40	---	---
	Ant2	5610	127.84	5551.92	5679.76	---	---
	Ant1	5690	114.88	5631.92	5746.80	---	---
	Ant2	5690	133.76	5623.60	5757.36	---	---
	Ant1	5690_UNII-2C	93.08	5631.92	5725	---	---
	Ant2	5690_UNII-2C	101.4	5623.60	5725	---	---
	Ant1	5690_UNII-3	21.8	5725	5746.80	---	---
	Ant2	5690_UNII-3	32.36	5725	5757.36	---	---
	Ant1	5775	130.40	5714.20	5844.60	---	---
	Ant2	5775	157.76	5697.08	5854.84	---	---

4.5. Test graphs

11A_Ant1_5180



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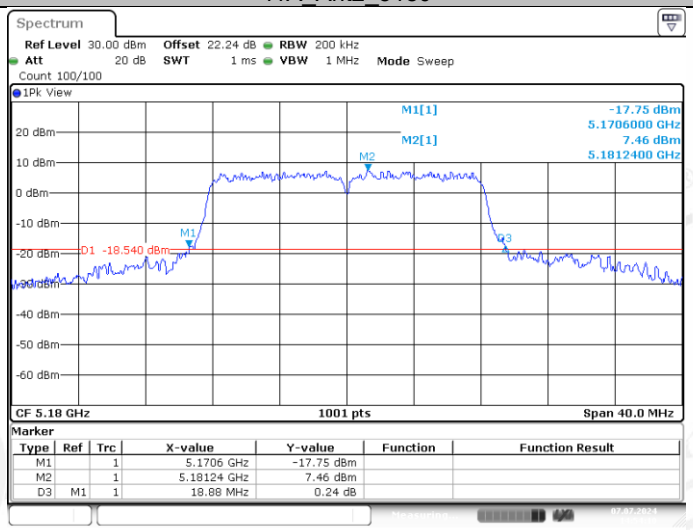

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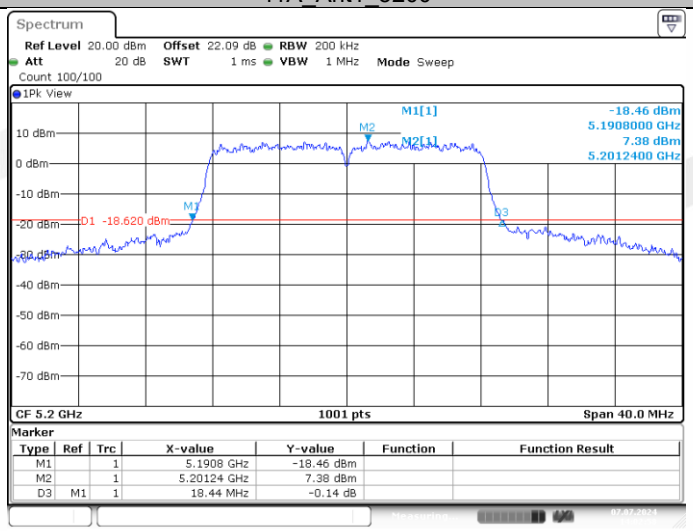

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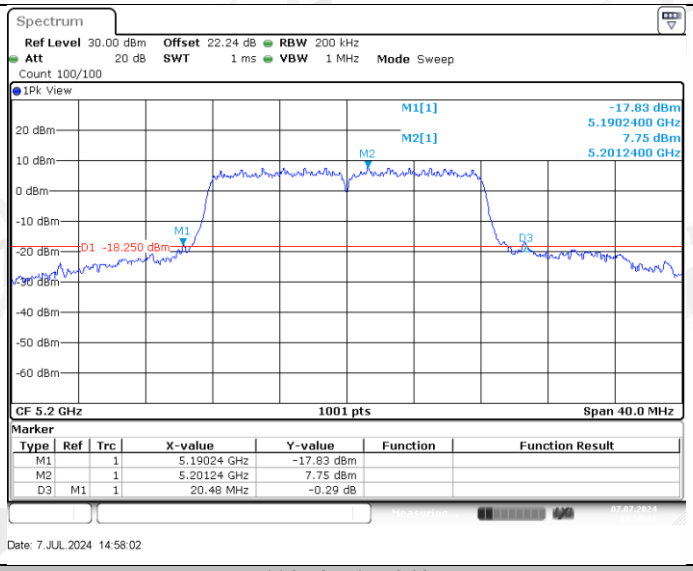

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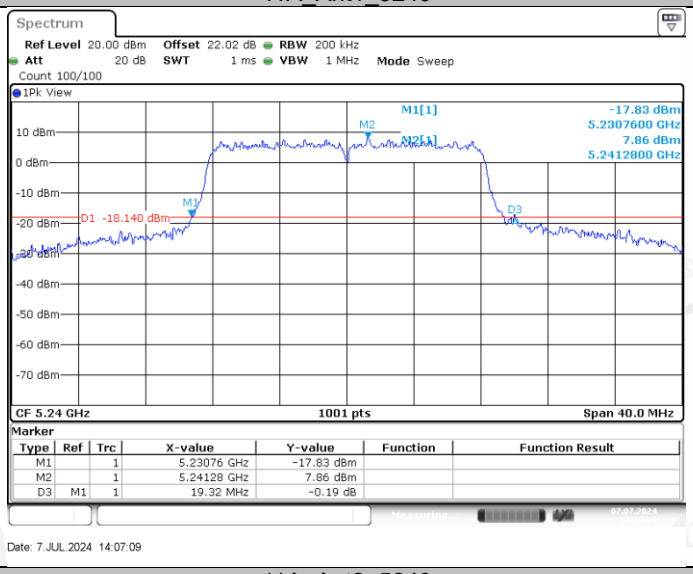

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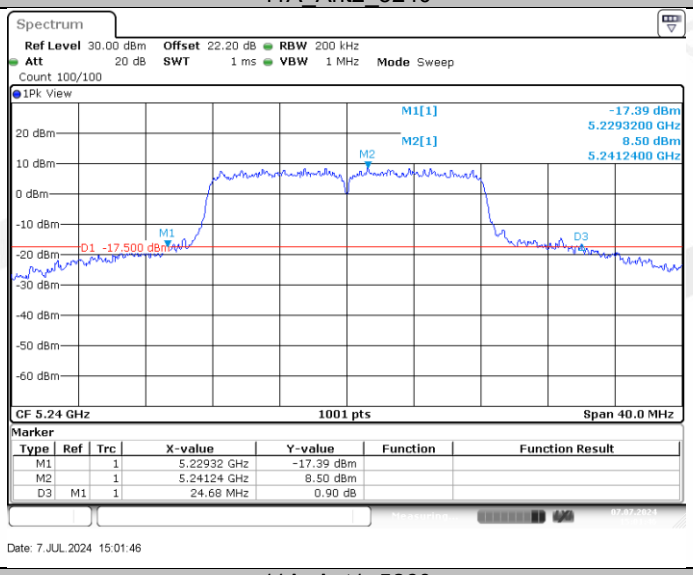

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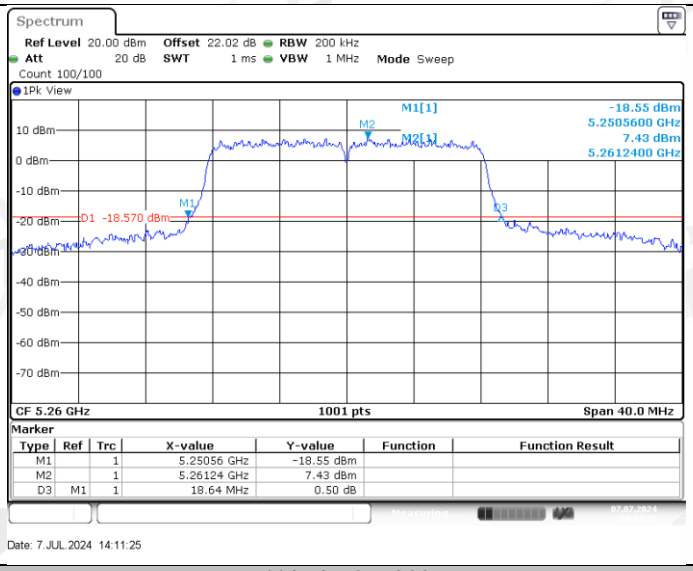

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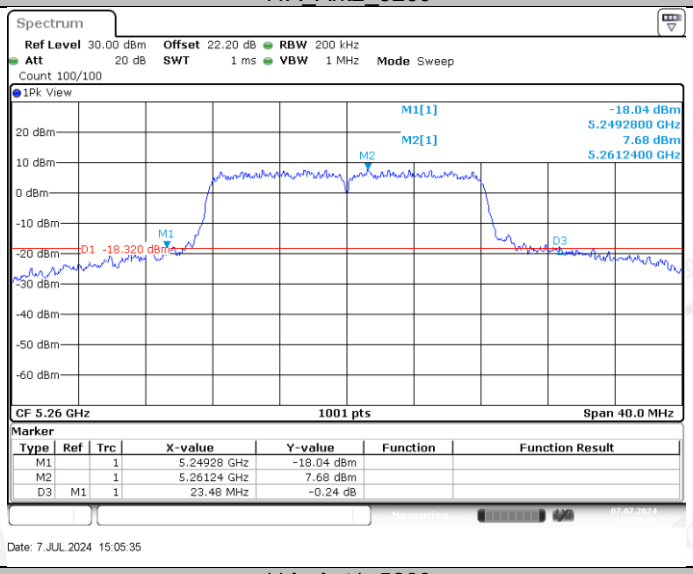

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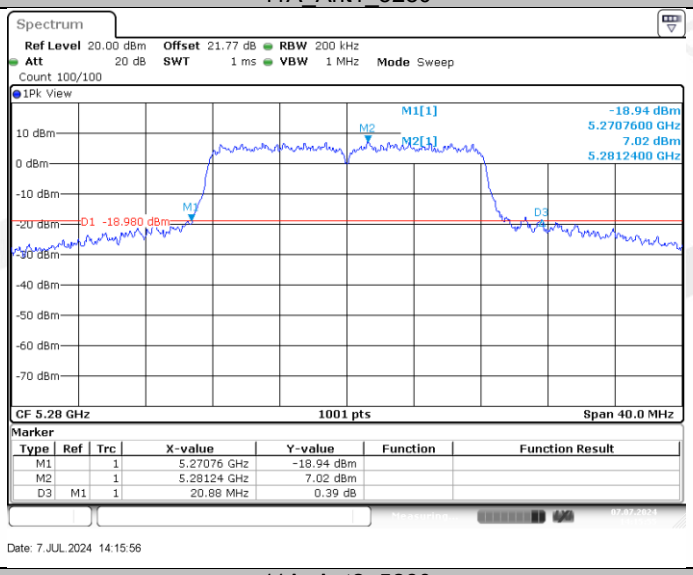

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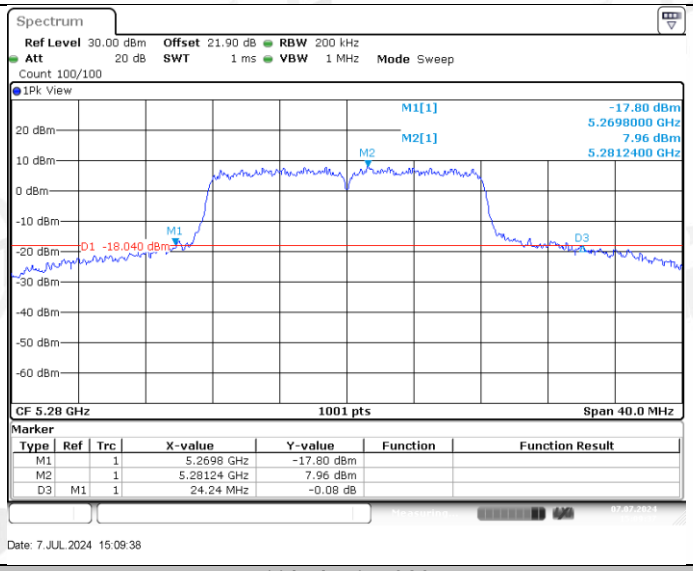

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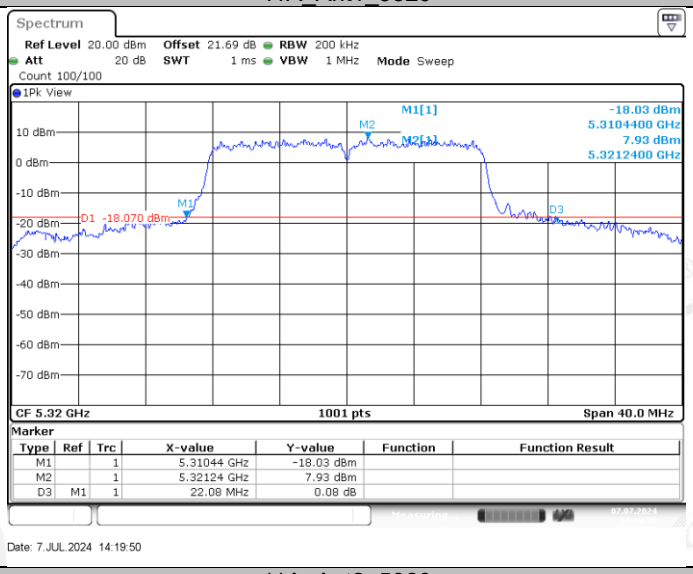

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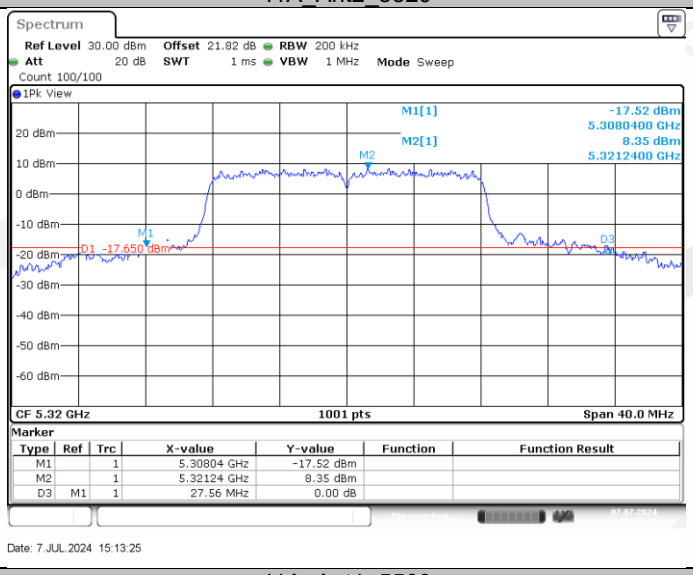

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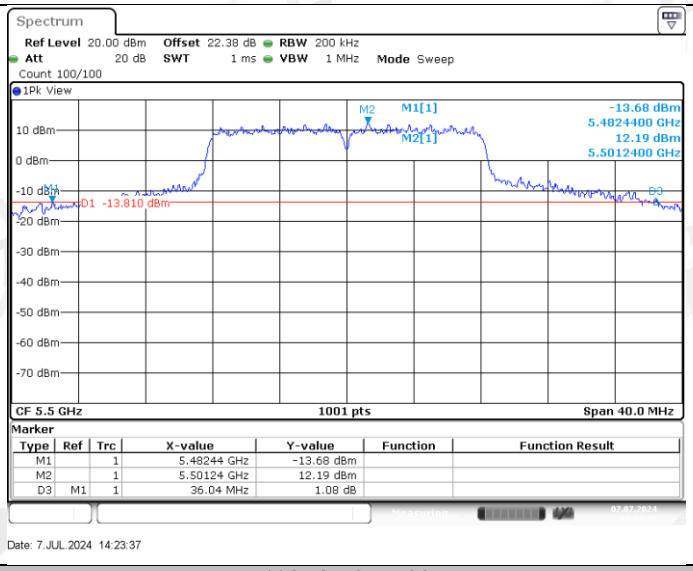

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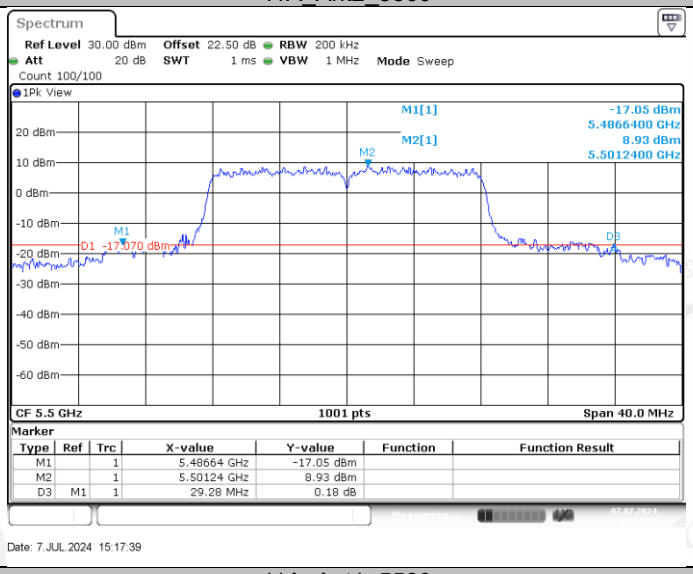

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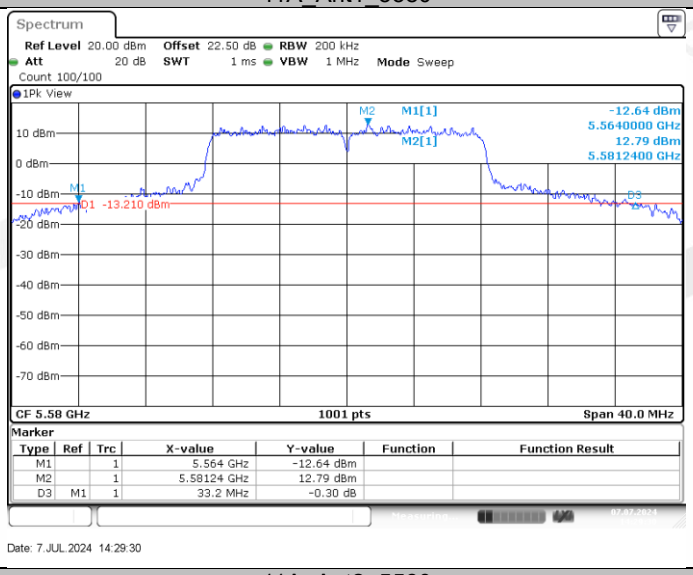

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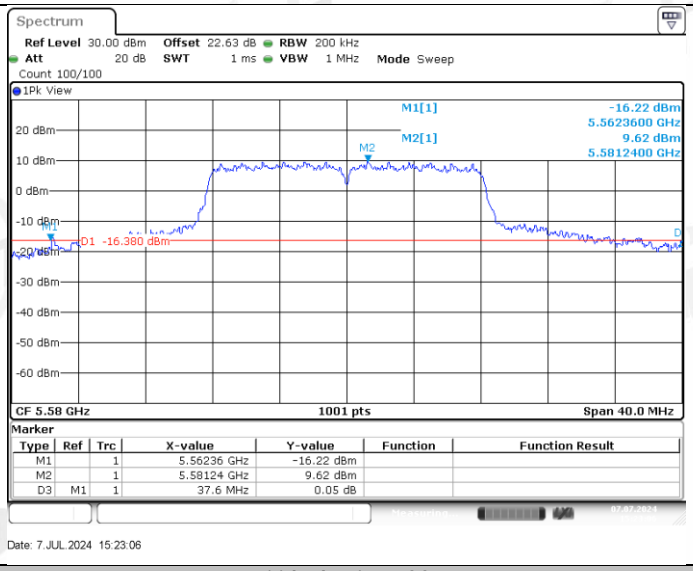

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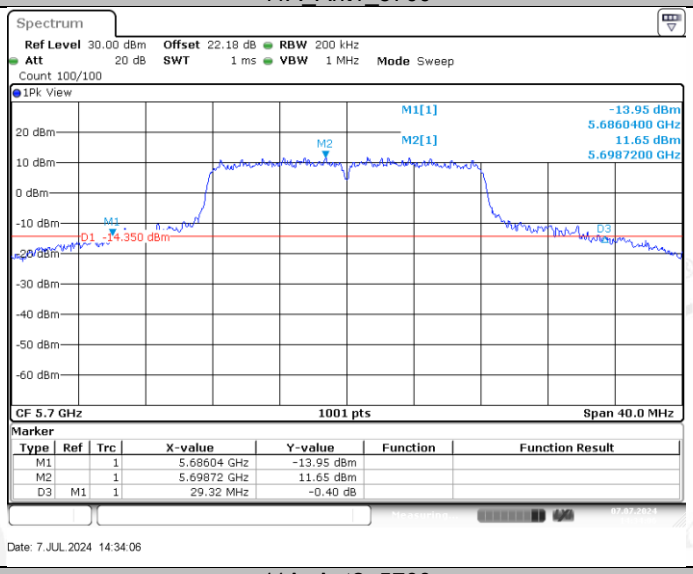

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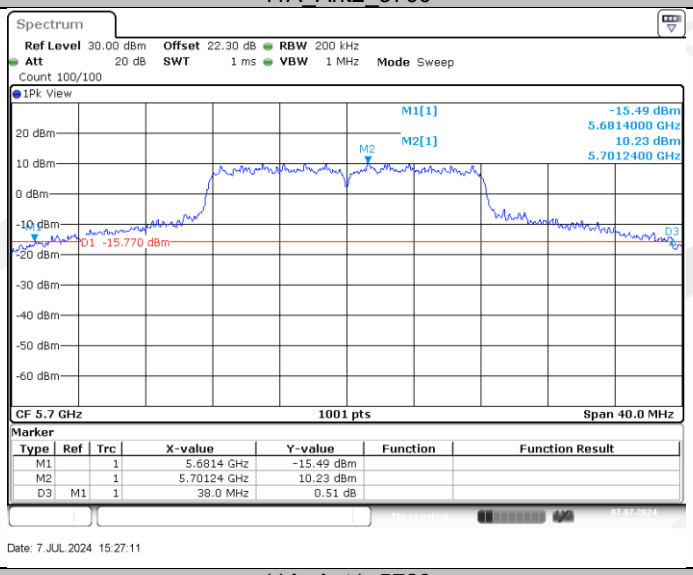

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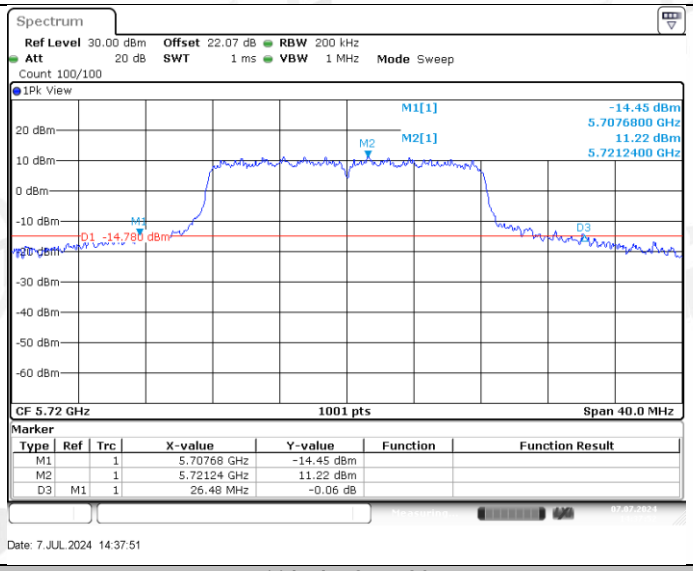

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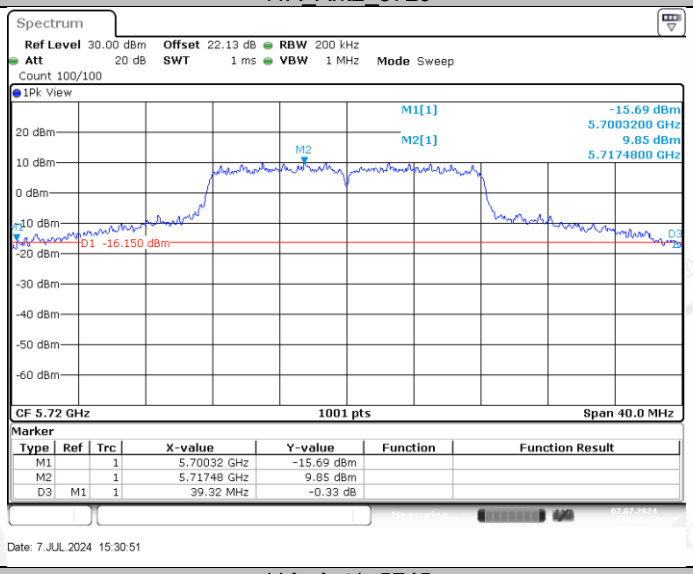

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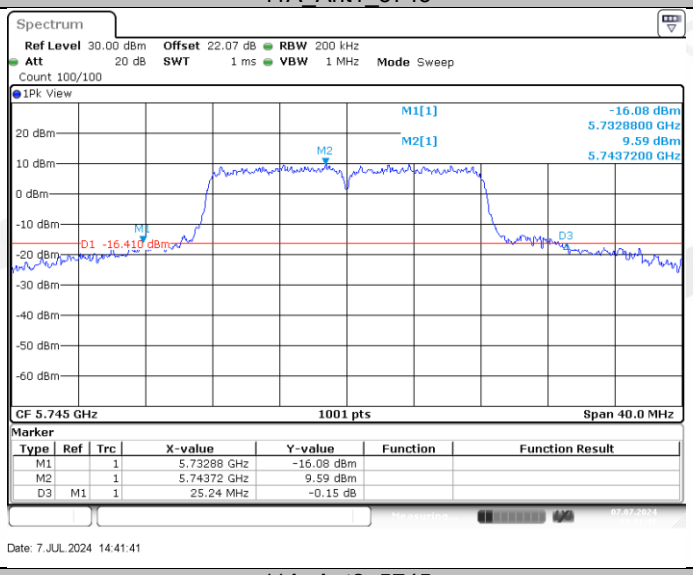

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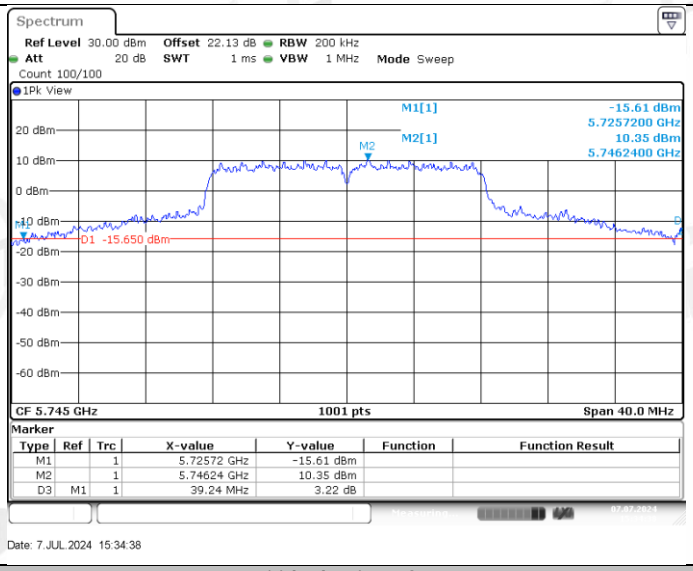

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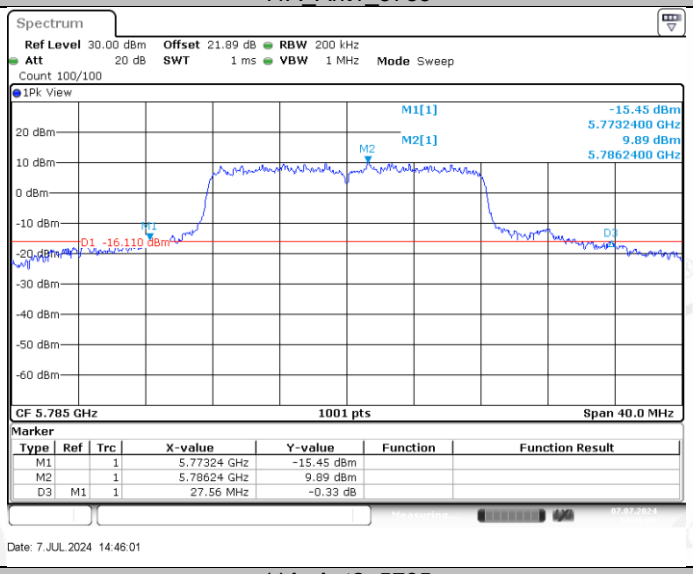

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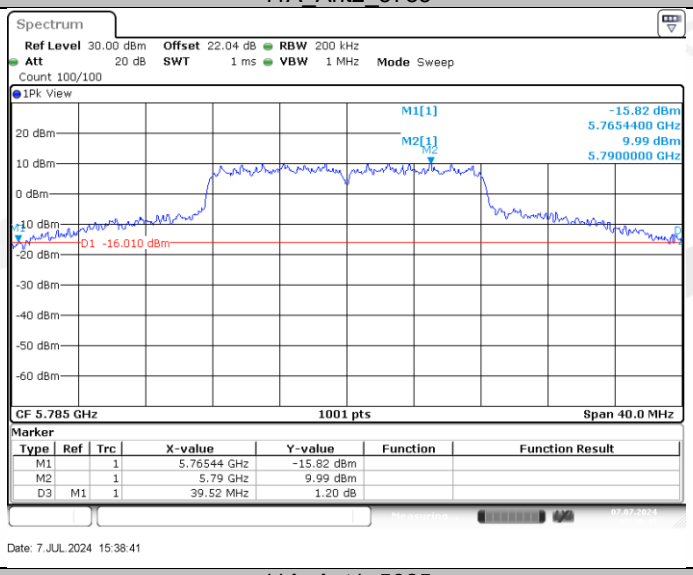

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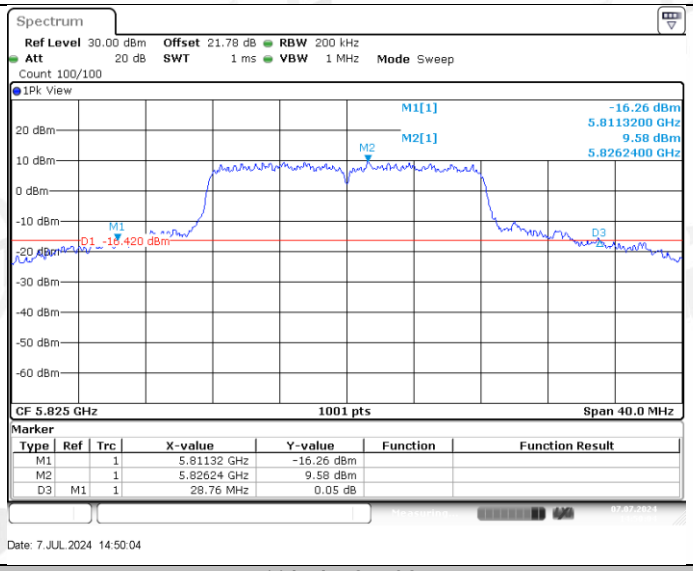

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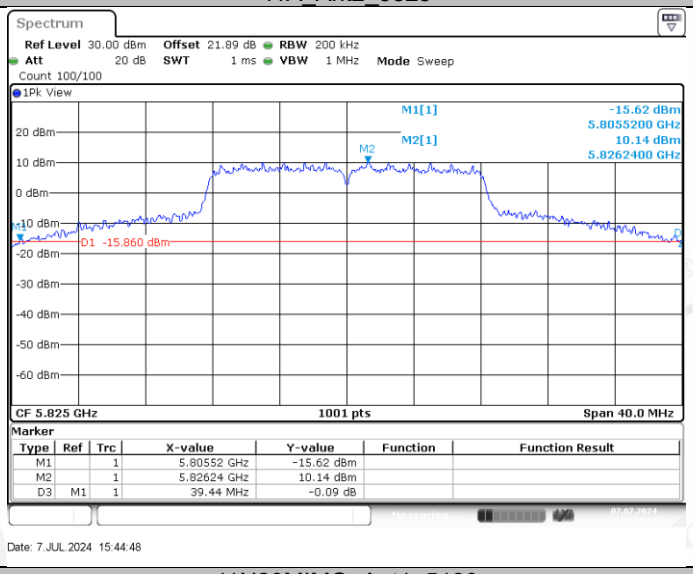

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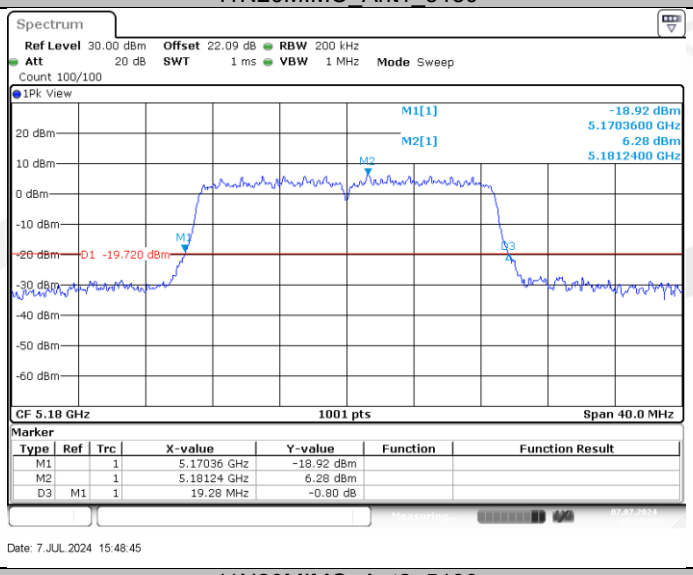

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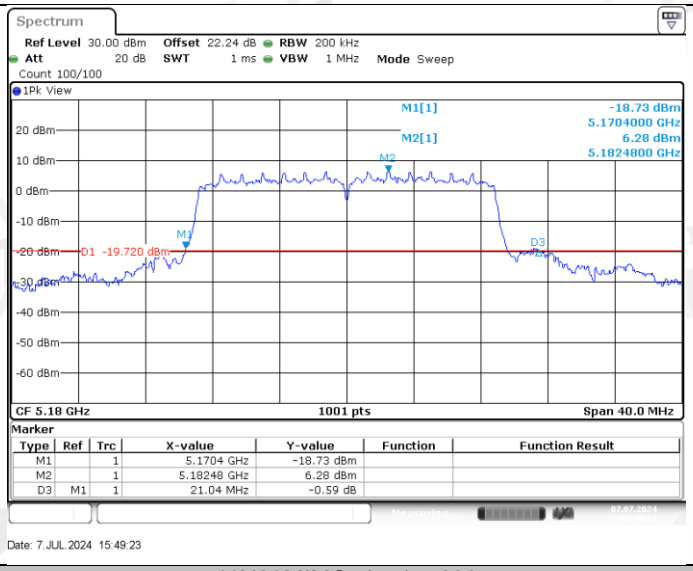

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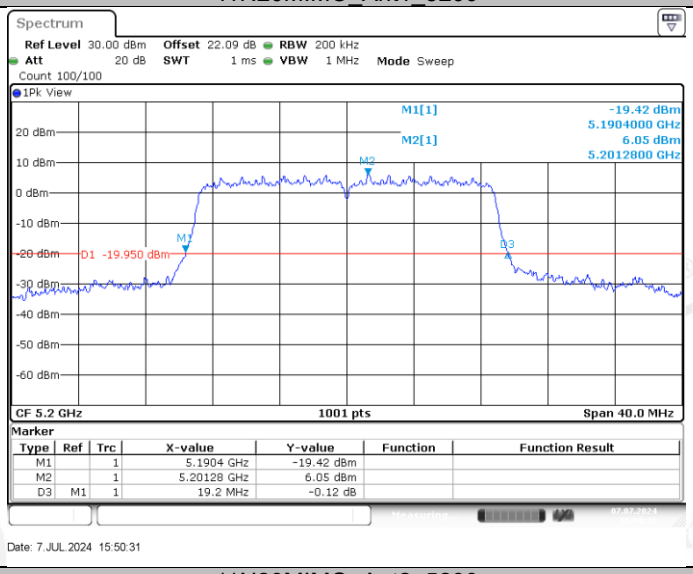

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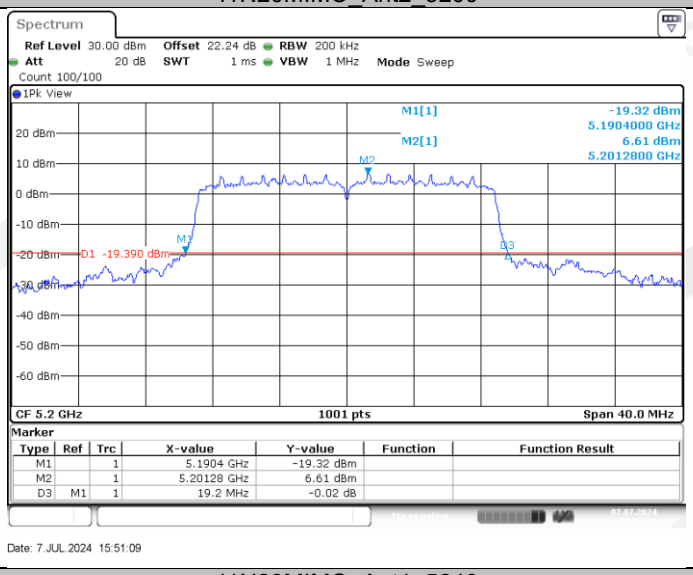

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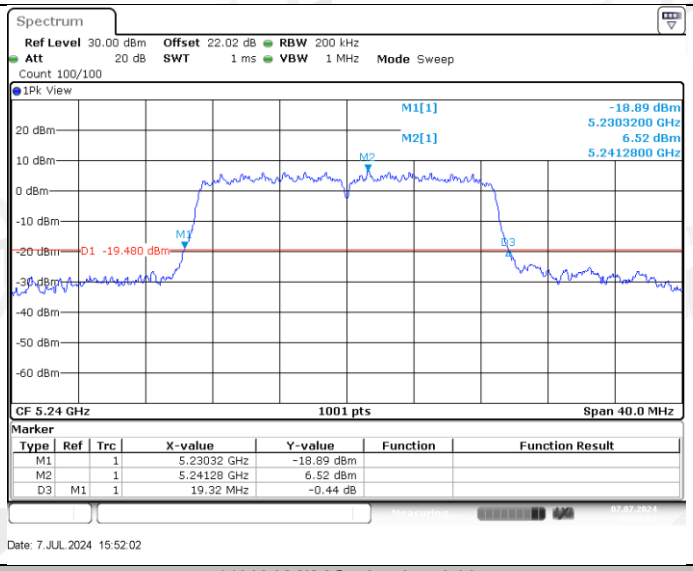

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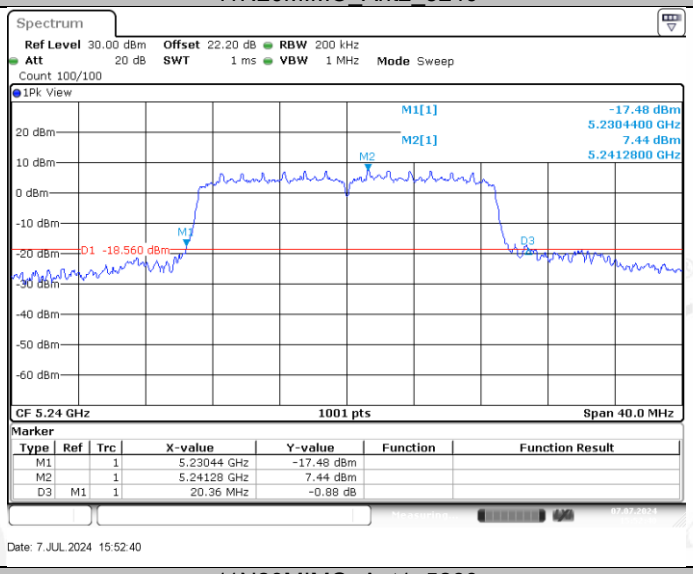

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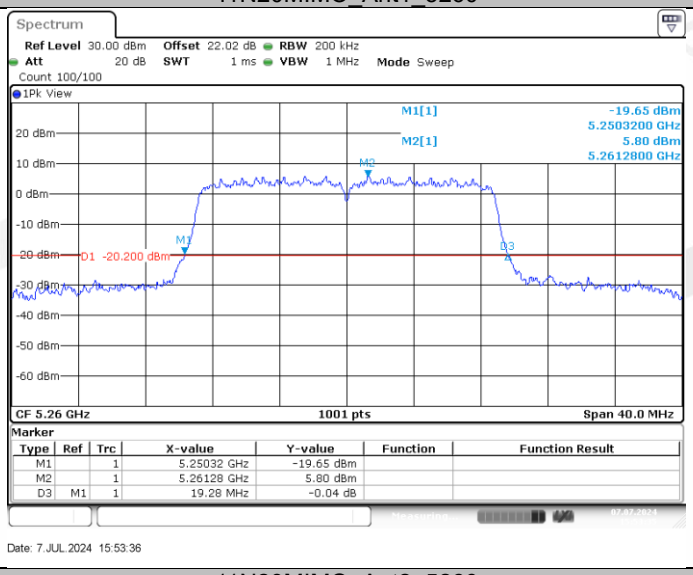

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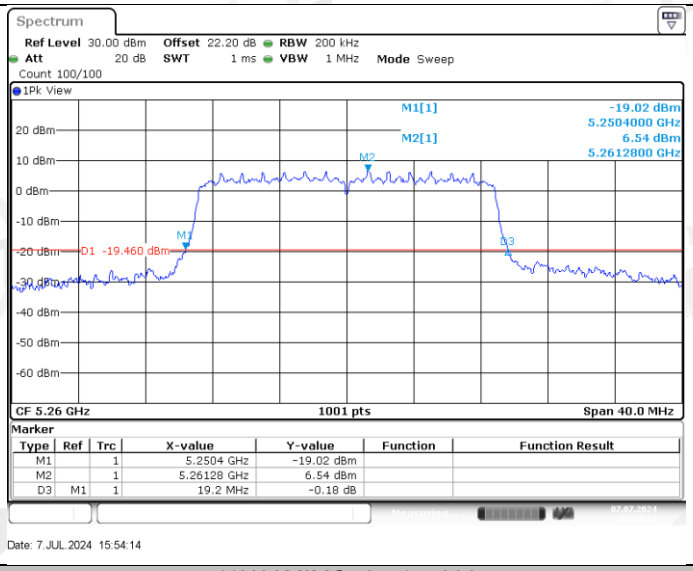

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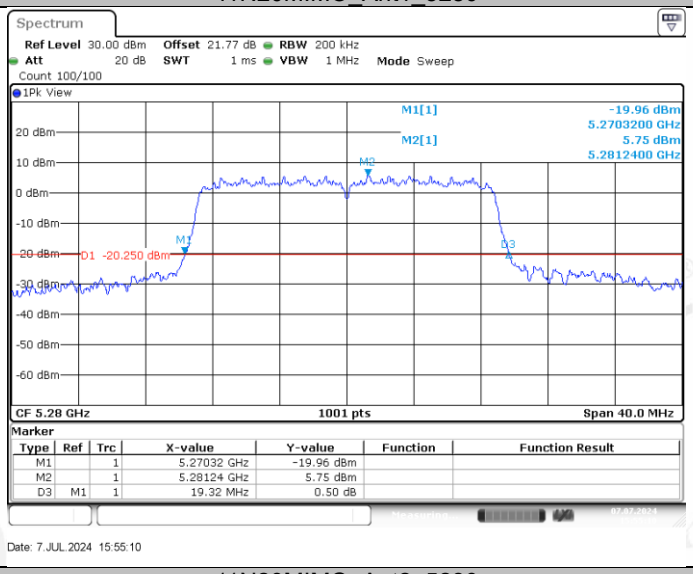

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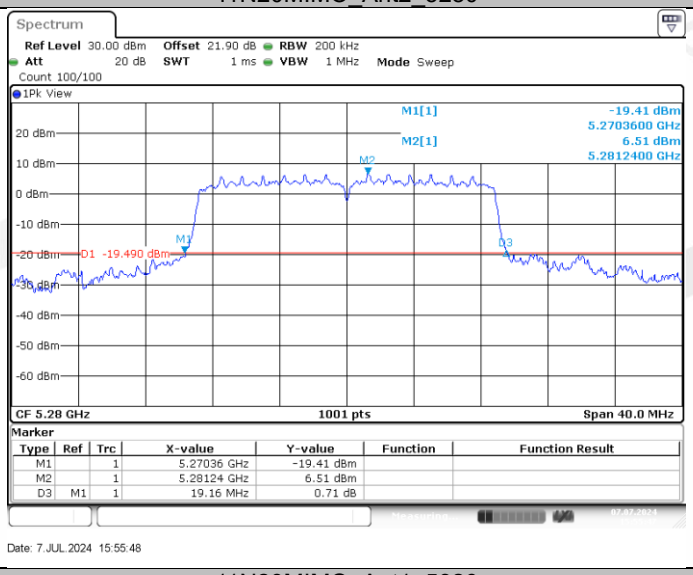

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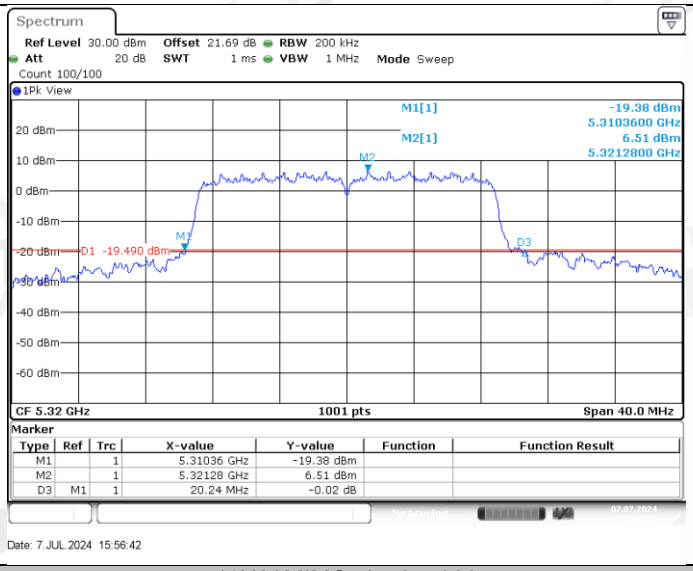

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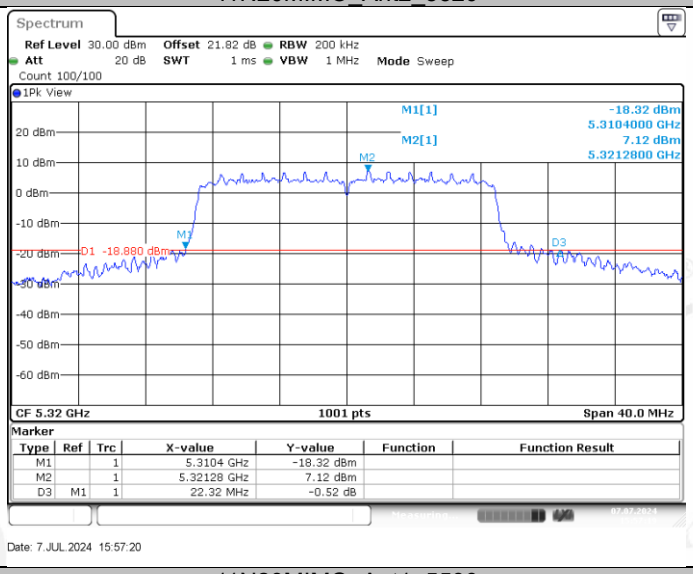

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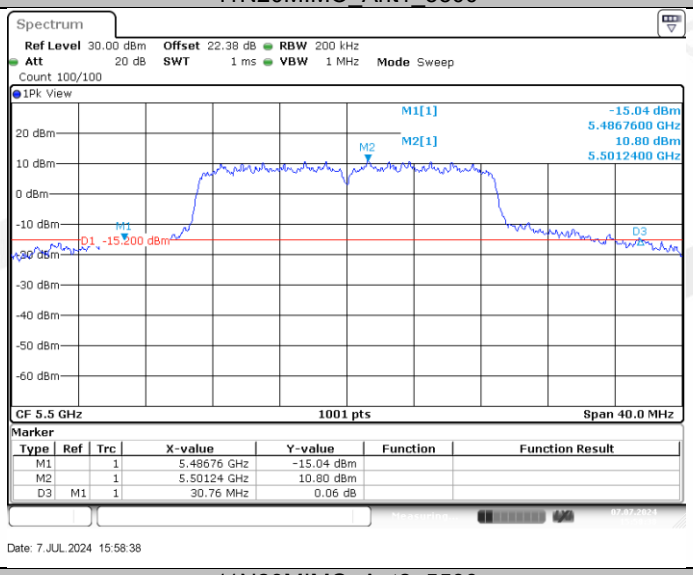

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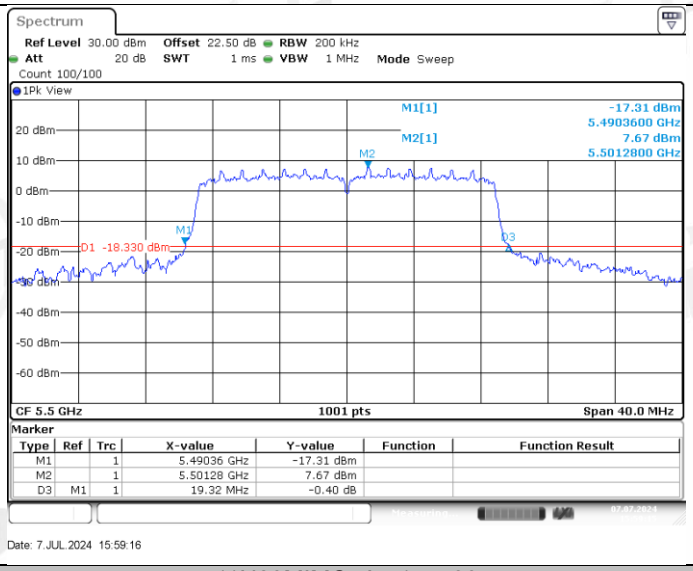

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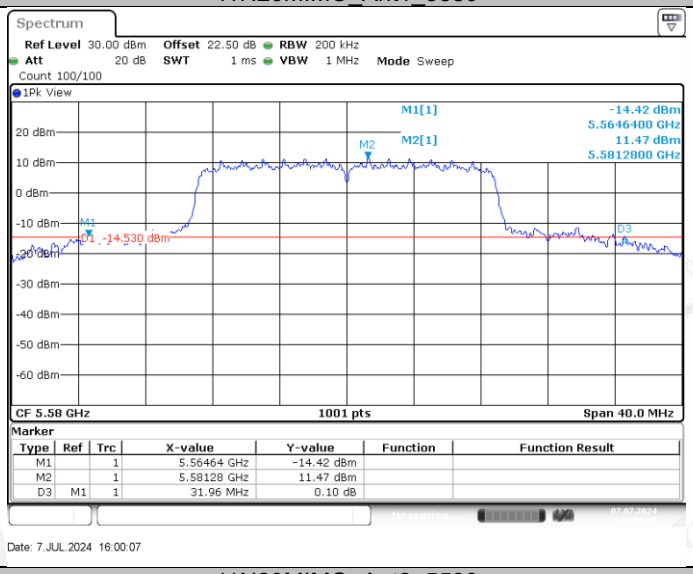

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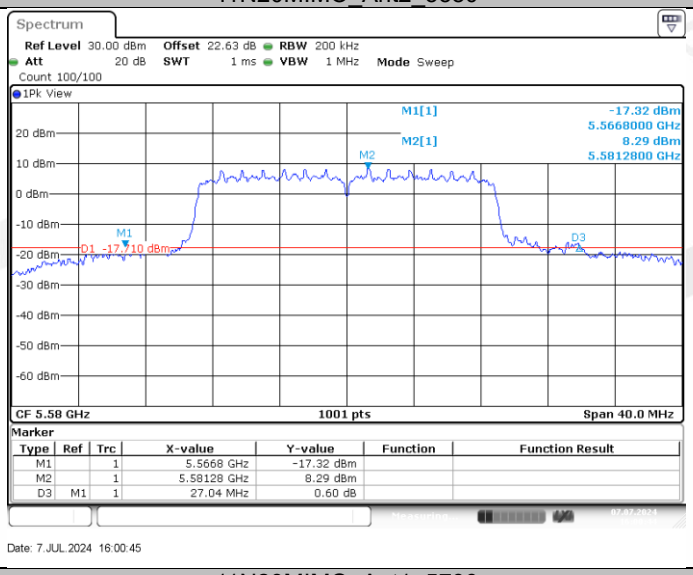

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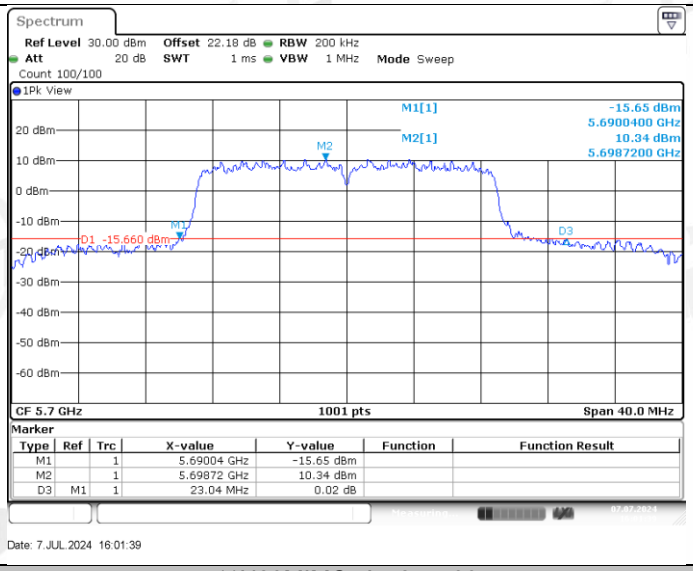

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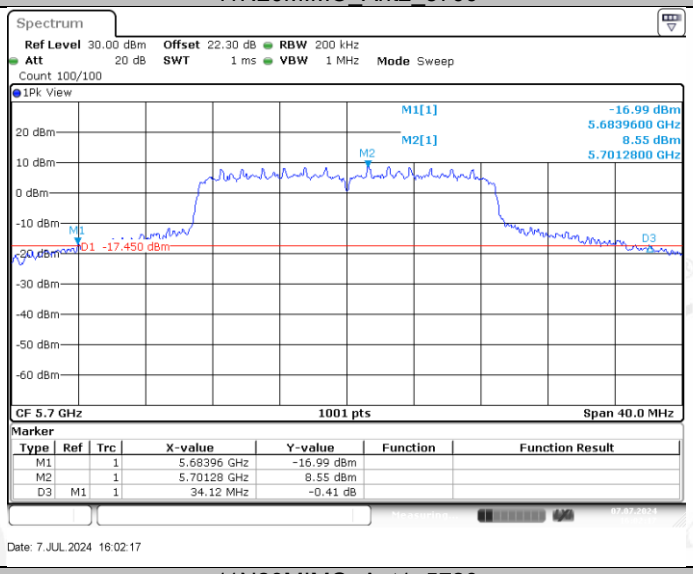

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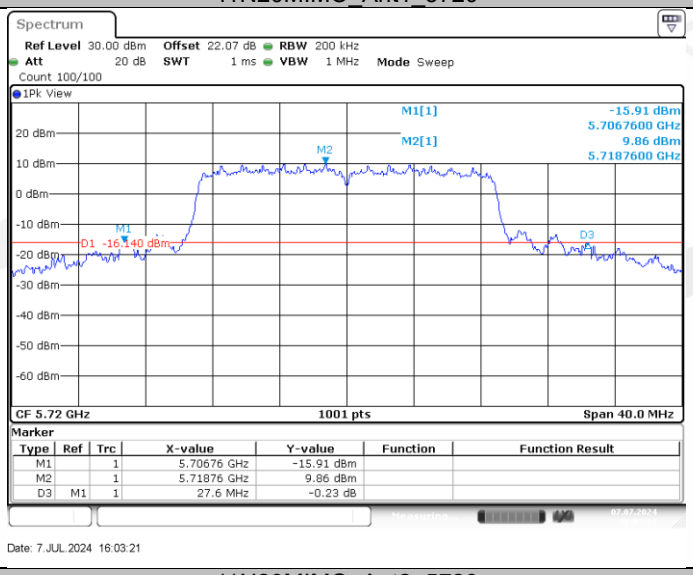

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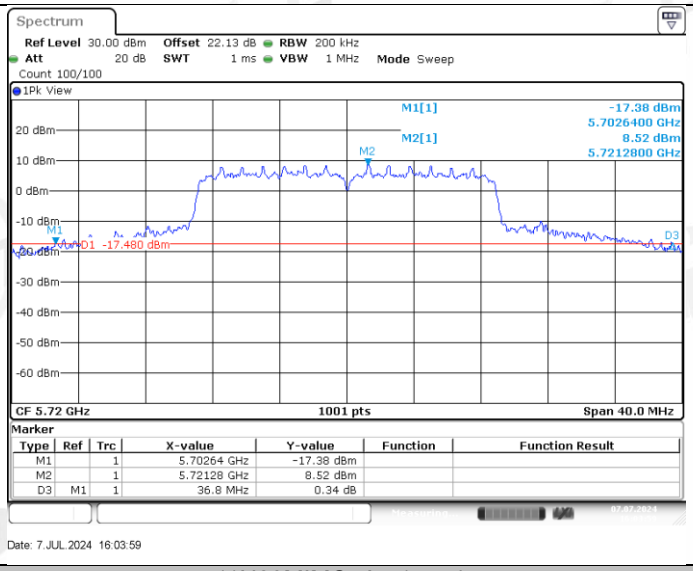

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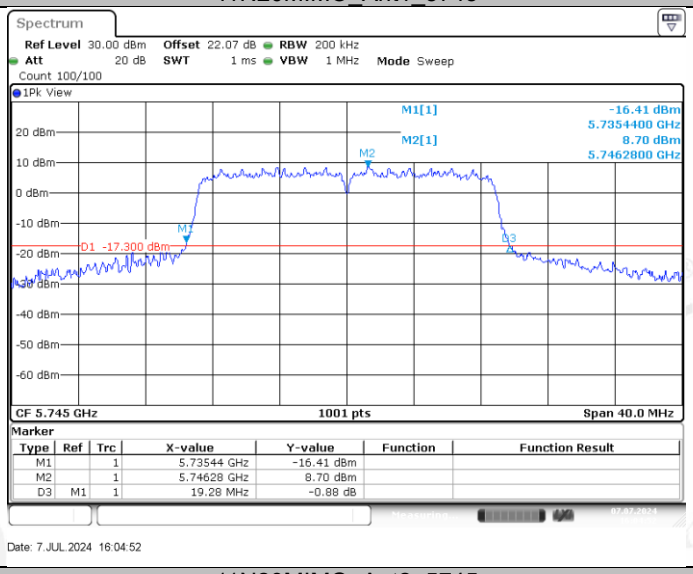

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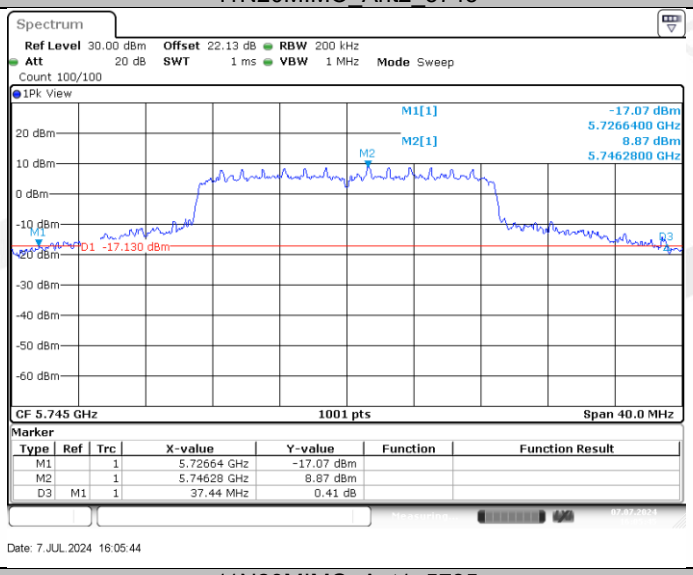
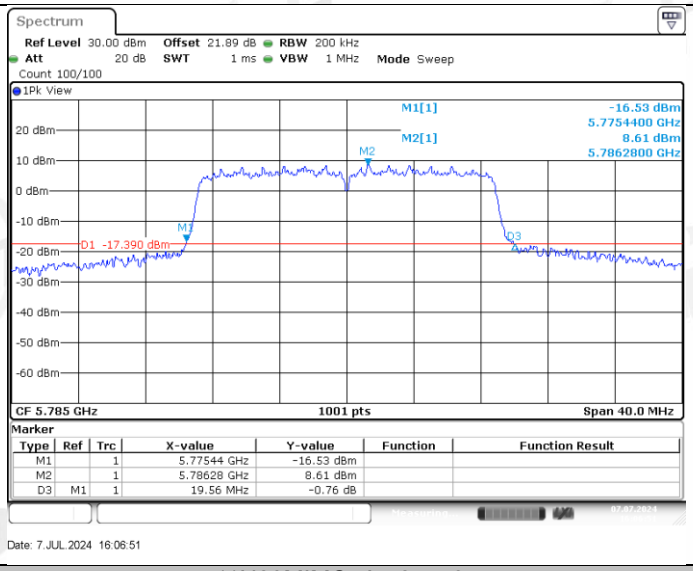
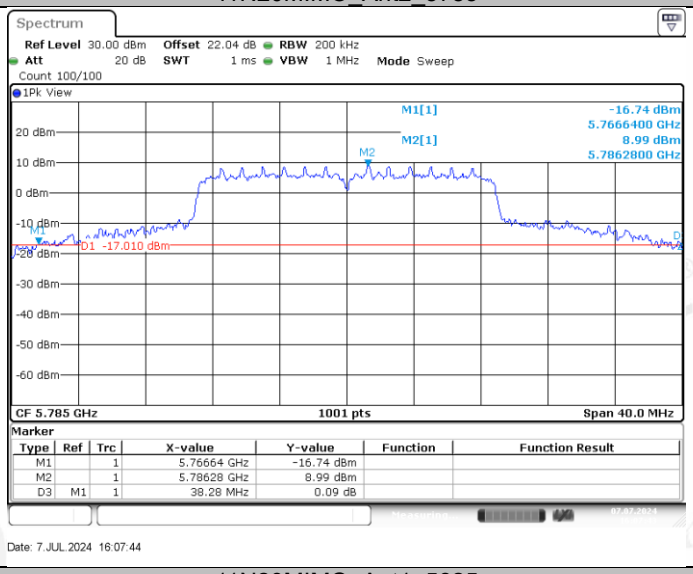


11N20MIMO_Ant1_5785



11N20MIMO_Ant2_5785



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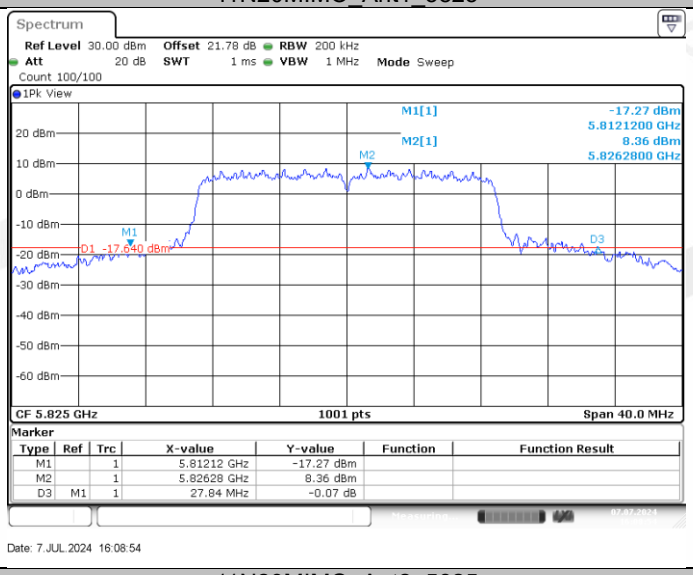
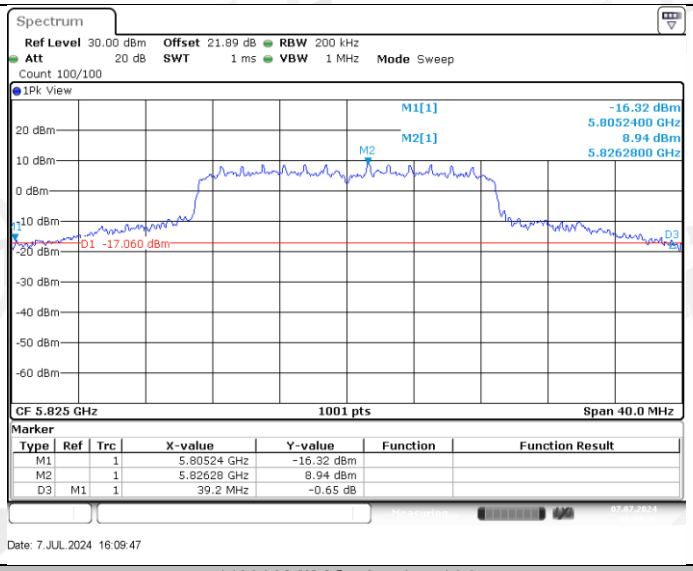
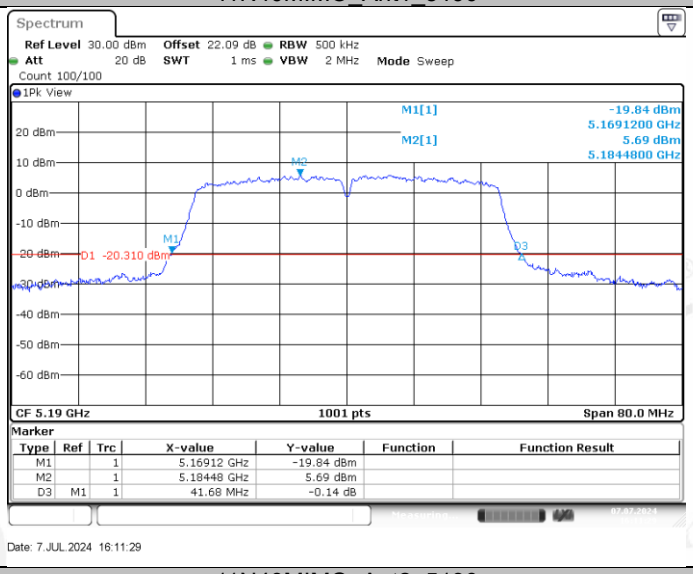


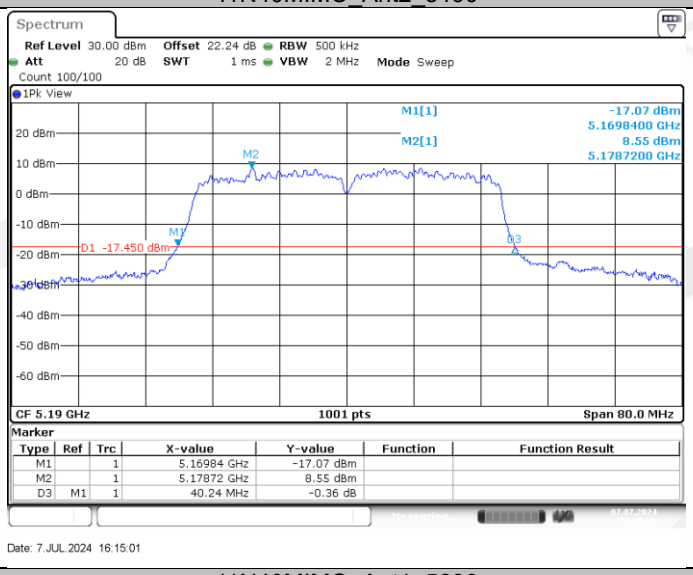
11N20MIMO_Ant2_5825



11N40MIMO_Ant1_5190



11N40MIMO_Ant2_5190



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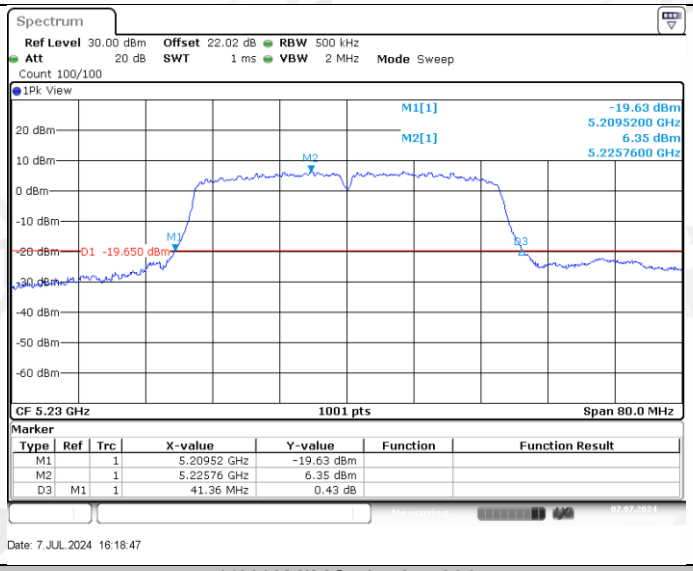
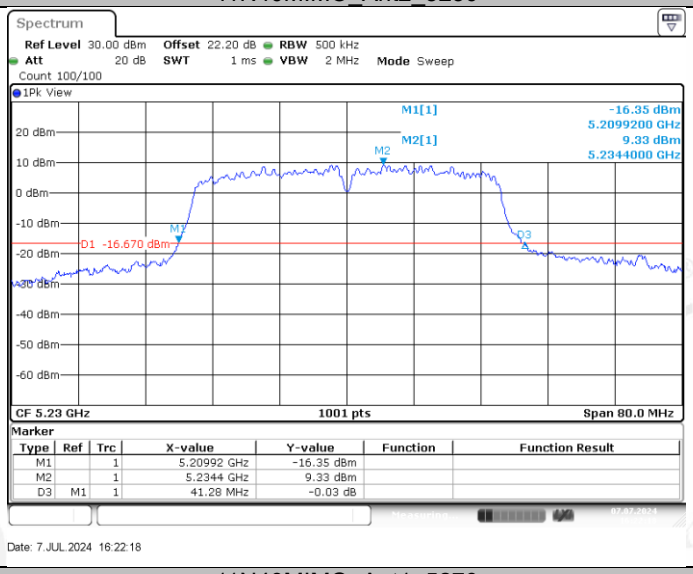
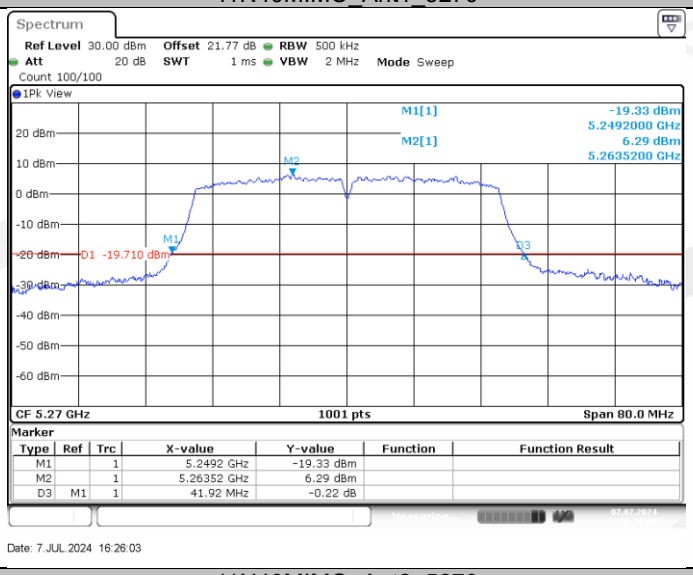


11N40MIMO_Ant2_5230



11N40MIMO_Ant1_5270



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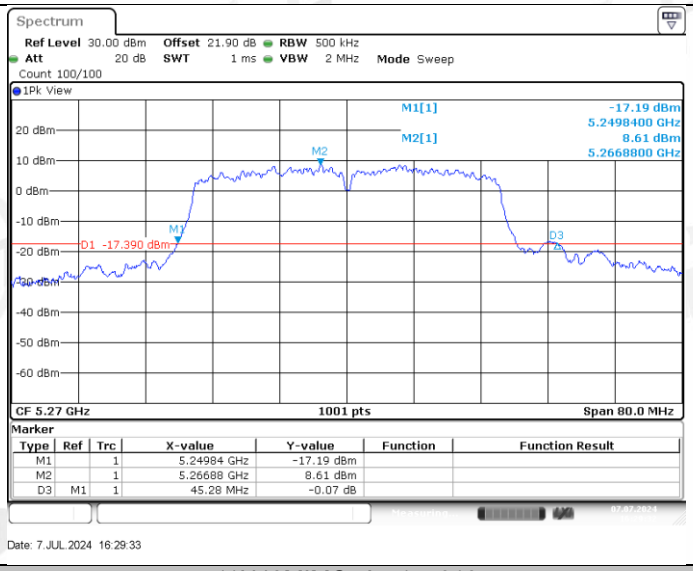

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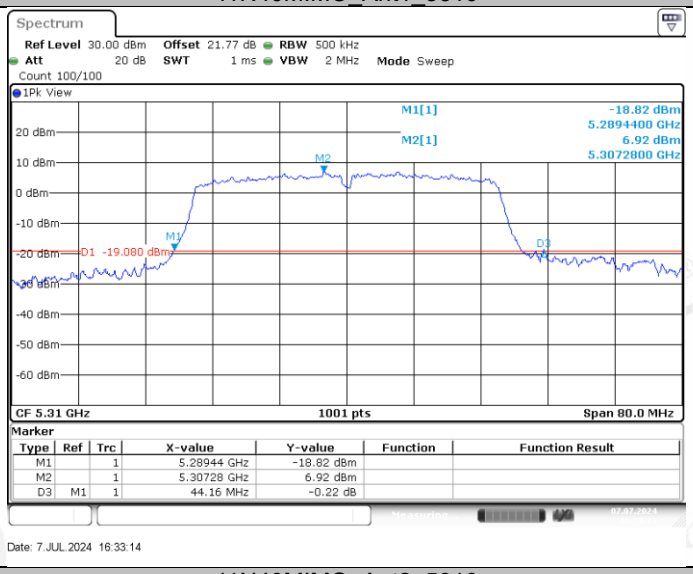
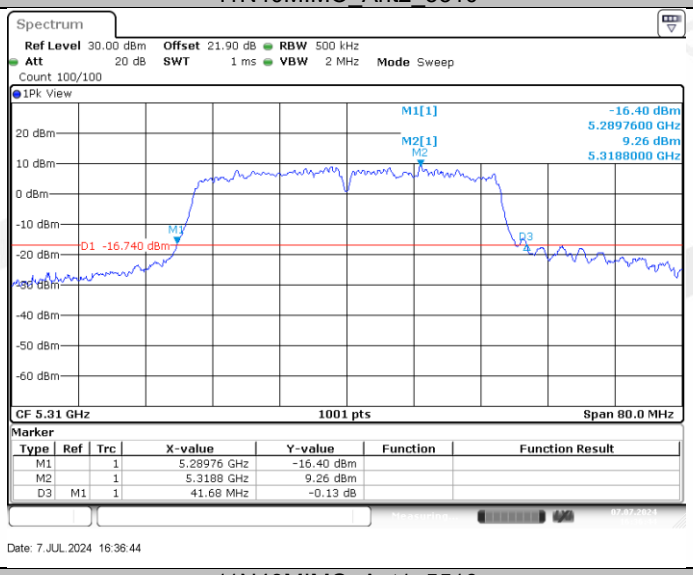


11N40MIMO_Ant2_5310



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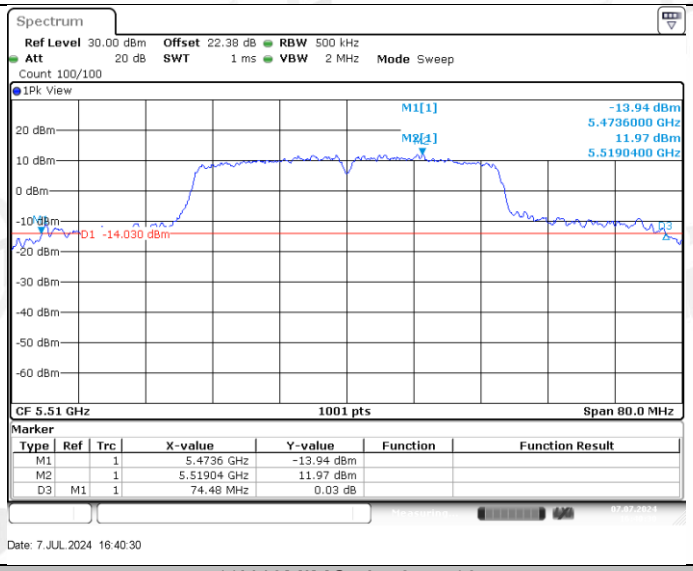

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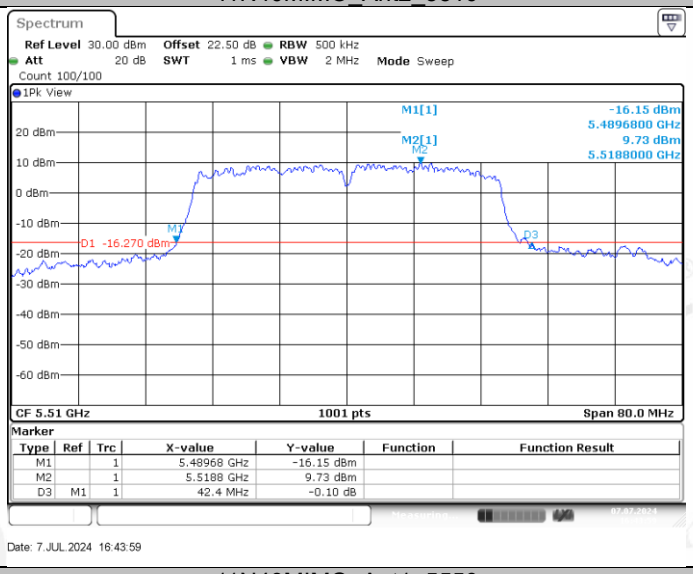

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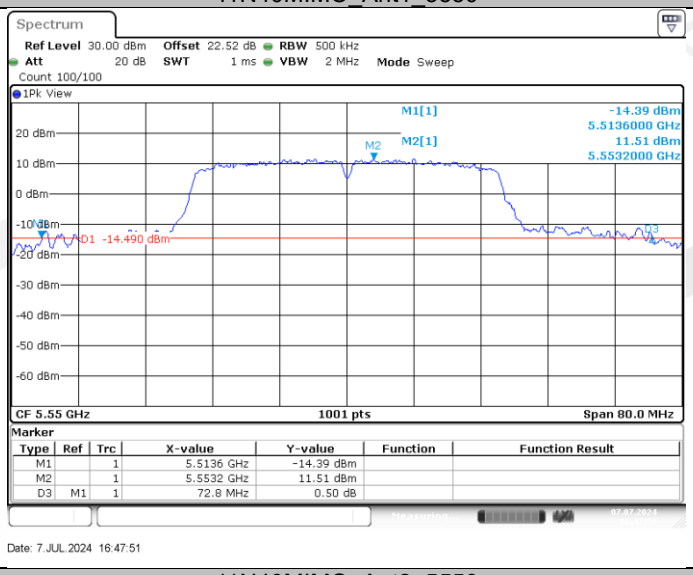

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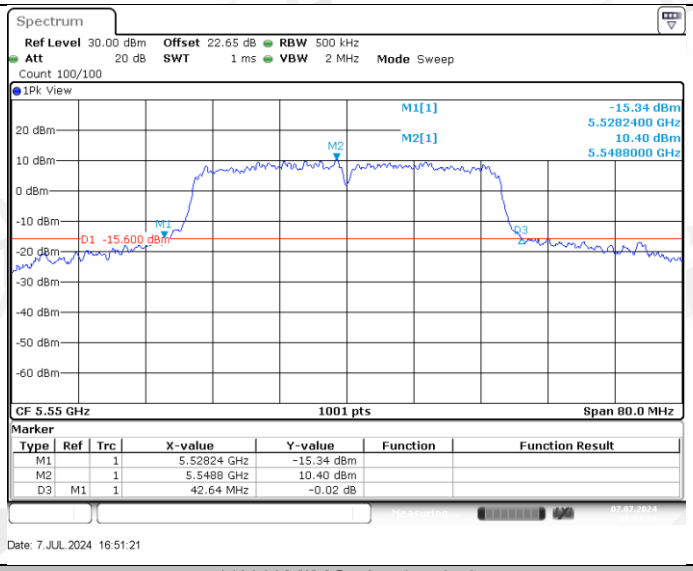
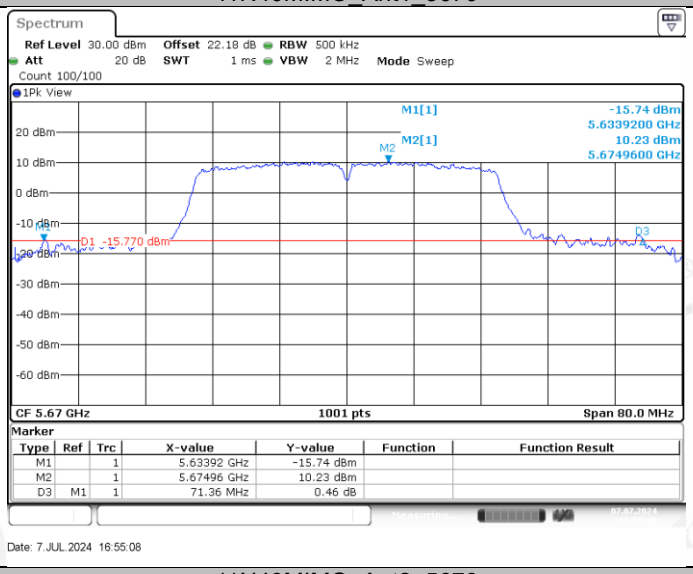


11N40MIMO_Ant1_5670



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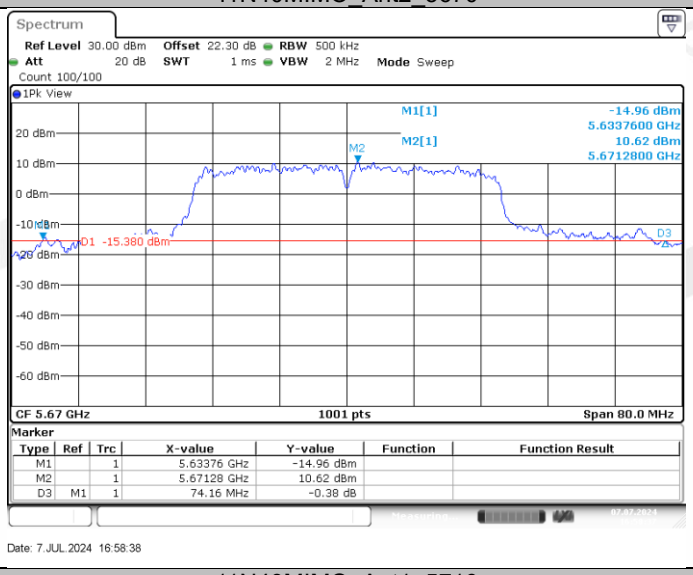

11N40MIMO_Ant1_5710