

RF Test Data for 5G Wi-Fi (Conducted Measurements)

General Description of EUT	
Product Name:	AC1200 Dual Band GPON Terminal
Test Model:	NP1269GB
Sample ID:	HC-C-202309-0167-01-01
Environmental Conditions	
Temperature:	23.8°C
Relative Humidity:	46%
Test Voltage:	DC 12V
Test Engineer:	ZHOUZHEN
Note: For a more detailed features description, please refer to the report TBR-C-202309-0167-11. Only show the worst case data.	

Contents

1. Emission Bandwidth.....	3
1.1. Test Result.....	3
2.1. Test Graphs	6
2. Occupied channel bandwidth	41
2.1. Test Result.....	41
2.2. Test Graphs	45
3. Min emission bandwidth	89
3.1. Test Result.....	89
3.2. Test Graphs	90
4. Maximum conducted output power.....	100
4.1. Test Result.....	100
5. Maximum power spectral density	105
5.1. Test Result.....	105
5.2. Test Graphs	109
6. Conducted Spurious Emission.....	157
6.1. Test Result.....	157
6.2. Test Graphs	163
7. Frequency Stability	250
7.1. Test Result.....	250
8. Duty Cycle	259
8.1. Test Result.....	259
8.2. Test Graphs	262

1. Emission Bandwidth

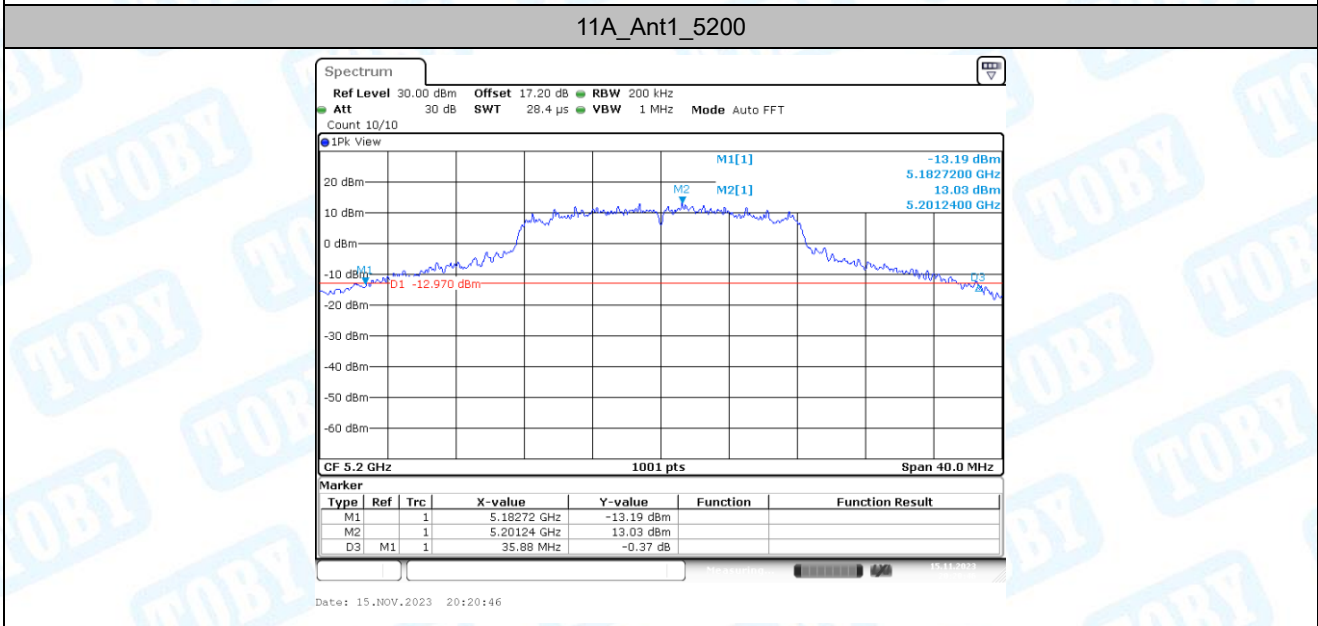
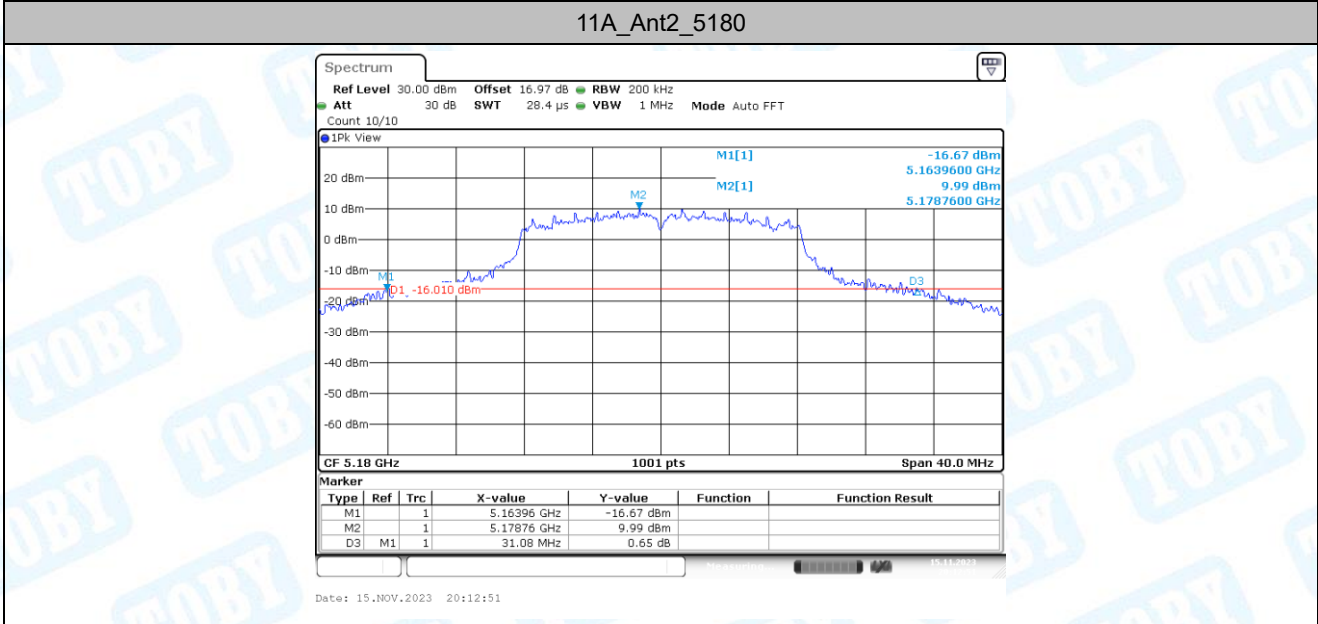
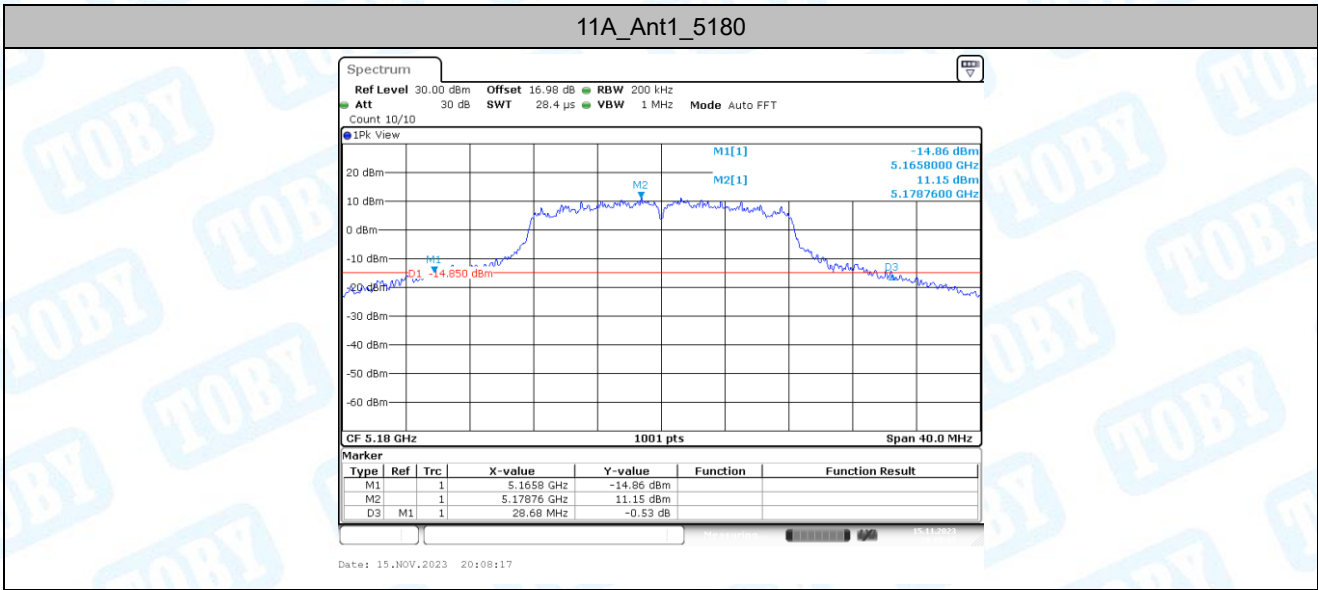
1.1. Test Result

TestMode	Antenna	Channel	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	28.68	5165.80	5194.48	---	---
	Ant2	5180	31.08	5163.96	5195.04	---	---
	Ant1	5200	35.88	5182.72	5218.60	---	---
	Ant2	5200	30.56	5183.88	5214.44	---	---
	Ant1	5240	35.04	5222.20	5257.24	---	---
	Ant2	5240	28.00	5226.12	5254.12	---	---
	Ant1	5260	29.48	5245.28	5274.76	---	---
	Ant2	5260	33.36	5243.44	5276.80	---	---
	Ant1	5280	30.40	5264.96	5295.36	---	---
	Ant2	5280	33.32	5263.64	5296.96	---	---
	Ant1	5320	27.28	5306.76	5334.04	---	---
	Ant2	5320	27.92	5305.92	5333.84	---	---
	Ant1	5500	19.96	5489.96	5509.92	---	---
	Ant2	5500	20.20	5489.76	5509.96	---	---
	Ant1	5580	19.96	5570.04	5590.00	---	---
	Ant2	5580	20.56	5569.56	5590.12	---	---
	Ant1	5700	20.20	5689.76	5709.96	---	---
	Ant2	5700	20.56	5689.56	5710.12	---	---
	Ant1	5720	20.36	5709.80	5730.16	---	---
	Ant2	5720	22.28	5708.00	5730.28	---	---
	Ant1	5720_UNII-2C	15.2	5709.80	5725	---	---
	Ant2	5720_UNII-2C	17	5708.00	5725	---	---
	Ant1	5720_UNII-3	5.16	5725	5730.16	---	---
	Ant2	5720_UNII-3	5.28	5725	5730.28	---	---
Ant1	5745	20.48	5734.60	5755.08	---	---	
11N20MIMO	Ant1	5180	25.16	5167.40	5192.56	---	---
	Ant2	5180	27.36	5165.56	5192.92	---	---
	Ant1	5200	24.80	5187.76	5212.56	---	---
	Ant2	5200	27.68	5186.16	5213.84	---	---
	Ant1	5240	23.36	5227.68	5251.04	---	---
	Ant2	5240	27.00	5226.20	5253.20	---	---
	Ant1	5260	20.88	5249.56	5270.44	---	---
	Ant2	5260	20.36	5249.84	5270.20	---	---
	Ant1	5280	20.60	5269.72	5290.32	---	---
	Ant2	5280	22.12	5268.68	5290.80	---	---
	Ant1	5320	21.24	5309.24	5330.48	---	---
	Ant2	5320	25.20	5307.76	5332.96	---	---
	Ant1	5500	20.28	5489.80	5510.08	---	---
	Ant2	5500	20.12	5489.80	5509.92	---	---
	Ant1	5580	20.40	5569.76	5590.16	---	---
	Ant2	5580	20.64	5569.68	5590.32	---	---
	Ant1	5700	20.32	5689.76	5710.08	---	---
	Ant2	5700	20.24	5689.84	5710.08	---	---
	Ant1	5720	20.40	5709.72	5730.12	---	---
	Ant2	5720	20.32	5709.68	5730.00	---	---
	Ant1	5720_UNII-2C	15.28	5709.72	5725	---	---
	Ant2	5720_UNII-2C	15.32	5709.68	5725	---	---
	Ant1	5720_UNII-3	5.12	5725	5730.12	---	---
	Ant2	5720_UNII-3	5	5725	5730.00	---	---
11N40MIMO	Ant1	5190	41.20	5169.52	5210.72	---	---
	Ant2	5190	40.48	5169.76	5210.24	---	---

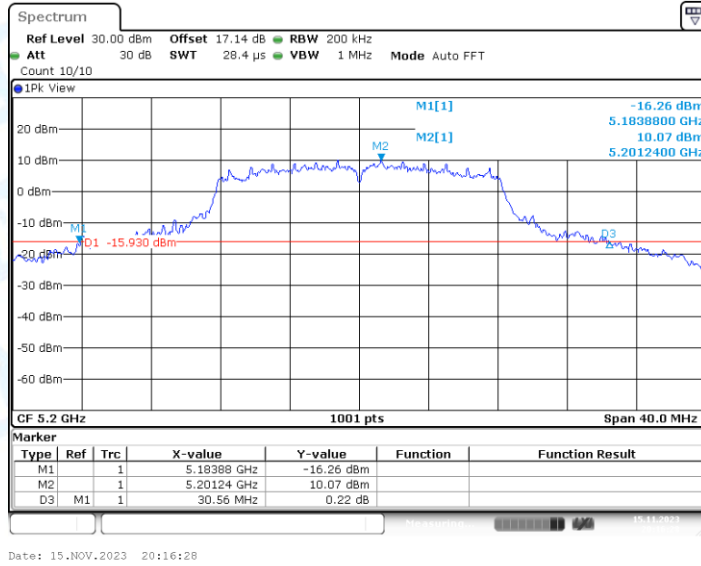
	Ant1	5230	76.32	5192.80	5269.12	---	---
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	Ant1	5270	58.64	5239.84	5298.48	---	---
	Ant2	5270	55.92	5242.16	5298.08	---	---
	Ant1	5310	41.28	5289.44	5330.72	---	---
	Ant2	5310	40.80	5289.60	5330.40	---	---
	Ant1	5510	40.80	5489.52	5530.32	---	---
	Ant2	5510	40.64	5489.52	5530.16	---	---
	Ant1	5550	40.96	5529.52	5570.48	---	---
	Ant2	5550	40.24	5529.92	5570.16	---	---
	Ant1	5670	41.12	5649.28	5690.40	---	---
	Ant2	5670	40.48	5649.52	5690.00	---	---
	Ant1	5710	41.12	5689.12	5730.24	---	---
	Ant2	5710	40.48	5689.92	5730.40	---	---
	Ant1	5710_UNII-2C	35.88	5689.12	5725	---	---
	Ant2	5710_UNII-2C	35.08	5689.92	5725	---	---
	Ant1	5710_UNII-3	5.24	5725	5730.24	---	---
	Ant2	5710_UNII-3	5.4	5725	5730.40	---	---
11AC20MIMO	Ant1	5180	25.36	5165.12	5190.48	---	---
	Ant2	5180	26.00	5166.76	5192.76	---	---
	Ant1	5200	23.52	5187.12	5210.64	---	---
	Ant2	5200	26.80	5186.80	5213.60	---	---
	Ant1	5240	20.80	5229.48	5250.28	---	---
	Ant2	5240	25.52	5226.76	5252.28	---	---
	Ant1	5260	20.48	5249.84	5270.32	---	---
	Ant2	5260	21.52	5248.96	5270.48	---	---
	Ant1	5280	21.04	5269.52	5290.56	---	---
	Ant2	5280	22.04	5269.56	5291.60	---	---
	Ant1	5320	20.60	5309.60	5330.20	---	---
	Ant2	5320	22.88	5309.60	5332.48	---	---
	Ant1	5500	20.24	5489.84	5510.08	---	---
	Ant2	5500	20.08	5489.92	5510.00	---	---
	Ant1	5580	20.68	5569.64	5590.32	---	---
	Ant2	5580	20.52	5569.64	5590.16	---	---
	Ant1	5700	20.24	5689.88	5710.12	---	---
	Ant2	5700	20.40	5689.76	5710.16	---	---
	Ant1	5720	20.16	5709.84	5730.00	---	---
	Ant2	5720	20.44	5709.76	5730.20	---	---
Ant1	5720_UNII-2C	15.16	5709.84	5725	---	---	
Ant2	5720_UNII-2C	15.24	5709.76	5725	---	---	
Ant1	5720_UNII-3	5	5725	5730.00	---	---	
Ant2	5720_UNII-3	5.2	5725	5730.20	---	---	
11AC40MIMO	Ant1	5190	41.04	5169.28	5210.32	---	---
	Ant2	5190	40.24	5169.84	5210.08	---	---
	Ant1	5230	74.96	5192.64	5267.60	---	---
	Ant2	5230	71.04	5193.68	5264.72	---	---
	Ant1	5270	56.16	5240.64	5296.80	---	---
	Ant2	5270	44.80	5247.76	5292.56	---	---
	Ant1	5310	40.72	5289.60	5330.32	---	---
	Ant2	5310	40.48	5289.84	5330.32	---	---
	Ant1	5510	40.64	5489.68	5530.32	---	---
	Ant2	5510	39.92	5490.00	5529.92	---	---
	Ant1	5550	40.56	5529.60	5570.16	---	---
	Ant2	5550	40.96	5529.04	5570.00	---	---
	Ant1	5670	42.64	5647.68	5690.32	---	---
	Ant2	5670	40.80	5649.52	5690.32	---	---
	Ant1	5710	41.52	5689.04	5730.56	---	---
	Ant2	5710	40.72	5689.20	5729.92	---	---

	Ant1	5710_UNII-2C	35.96	5689.04	5725	---	---
	Ant2	5710_UNII-2C	35.8	5689.20	5725	---	---
	Ant1	5710_UNII-3	5.56	5725	5730.56	---	---
	Ant2	5710_UNII-3	4.92	5725	5729.92	---	---
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	Ant2	5210	79.68	5170.32	5250.00	---	---
	Ant1	5290	80.96	5249.84	5330.80	---	---
	Ant2	5290	79.68	5250.00	5329.68	---	---
	Ant1	5530	79.84	5490.16	5570.00	---	---
	Ant2	5530	79.68	5490.16	5569.84	---	---
	Ant1	5610	79.84	5570.00	5649.84	---	---
	Ant2	5610	80.16	5569.84	5650.00	---	---
	Ant1	5690	81.44	5649.20	5730.64	---	---
	Ant2	5690	123.20	5626.00	5749.20	---	---
	Ant1	5690_UNII-2C	75.8	5649.20	5725	---	---
	Ant2	5690_UNII-2C	99	5626.00	5725	---	---
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	Ant2	5690_UNII-3	24.2	5725	5749.20	---	---

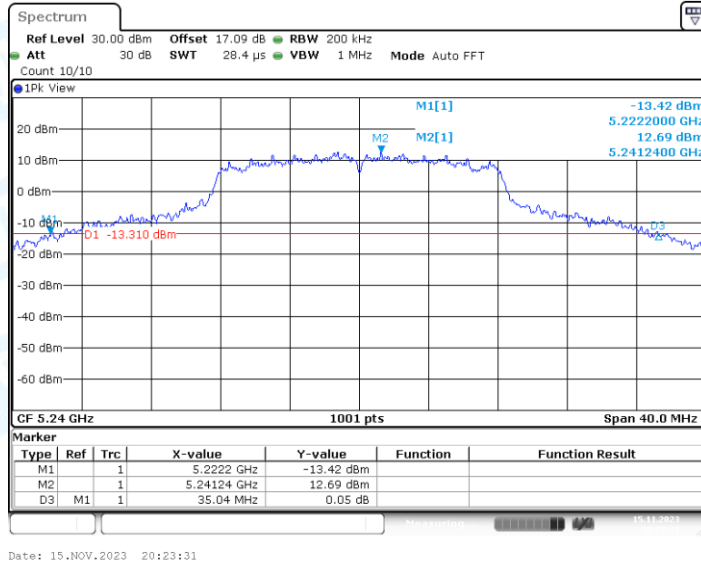
2.1. Test Graphs



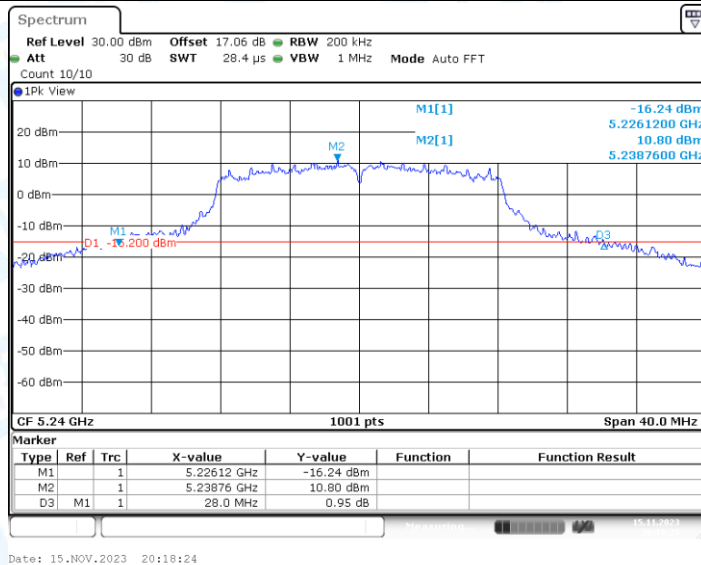
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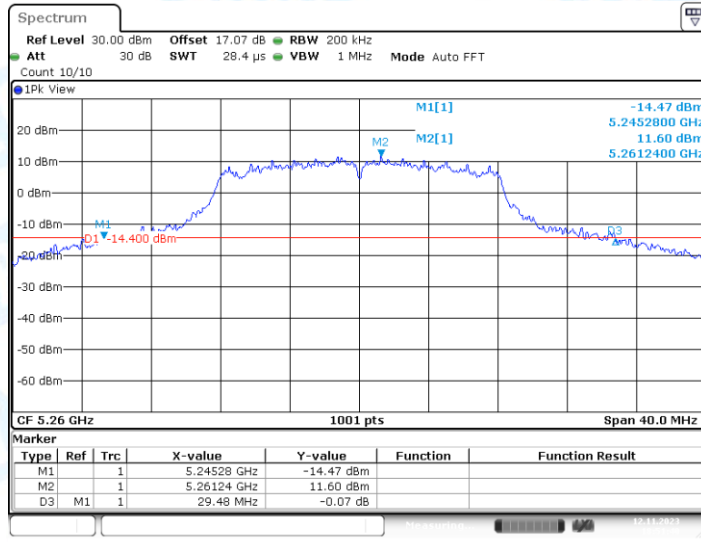
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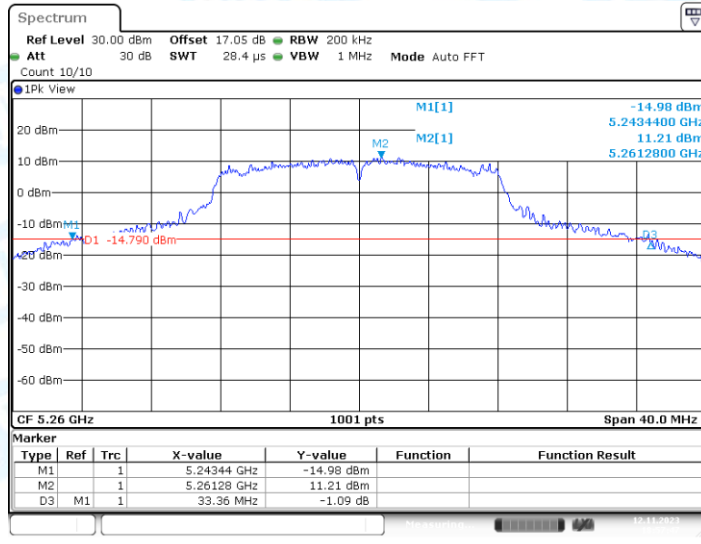
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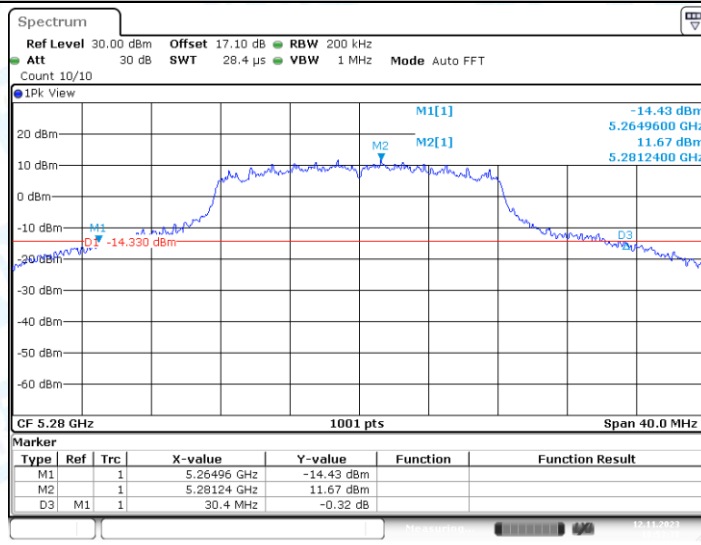
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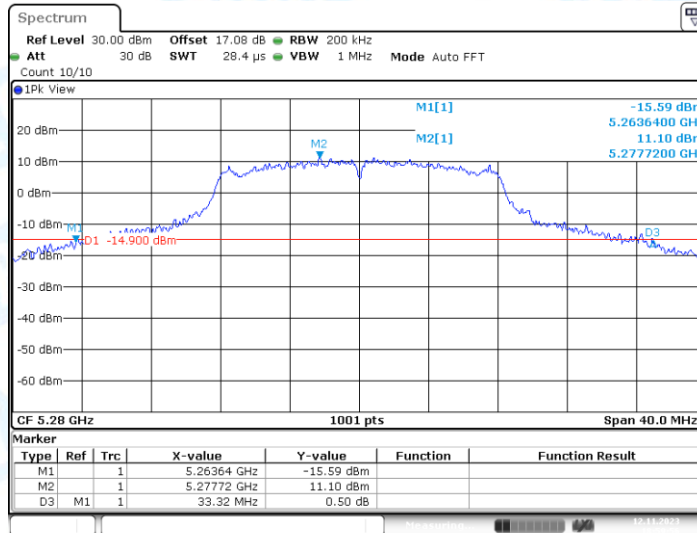
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11A_Ant1_5280

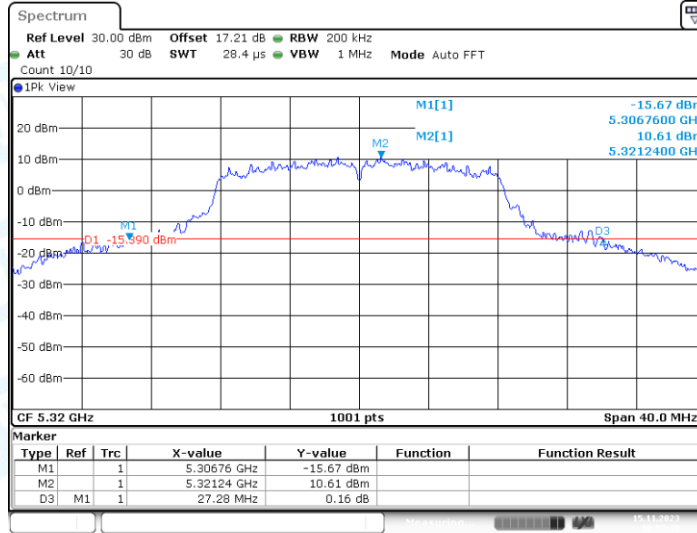


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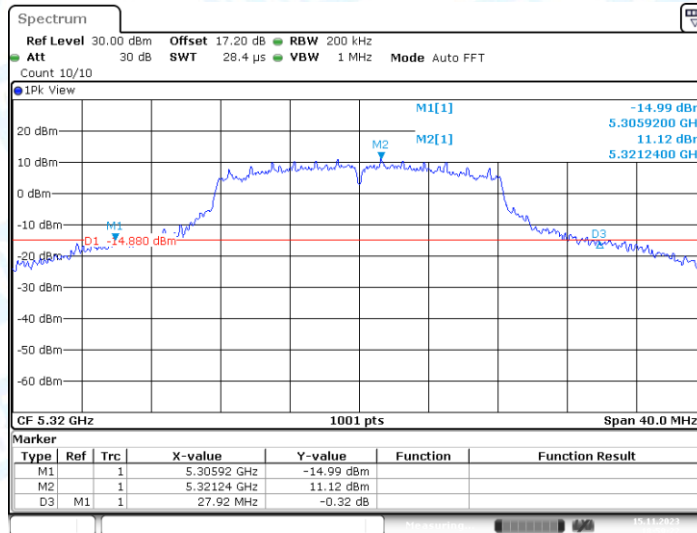
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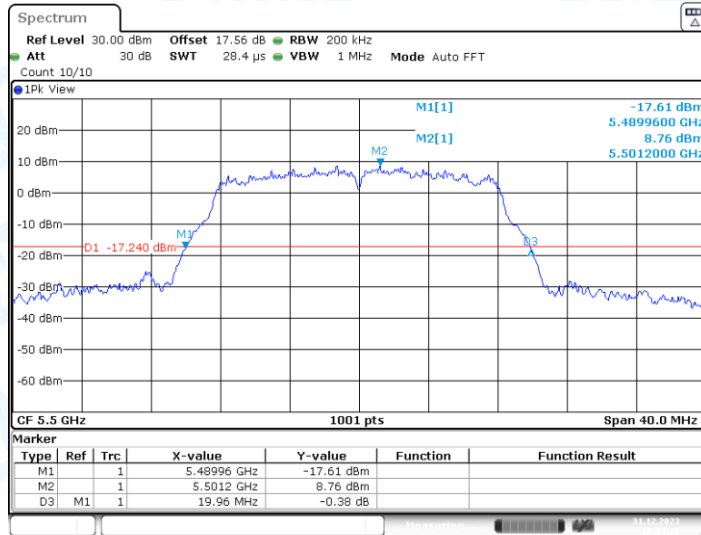
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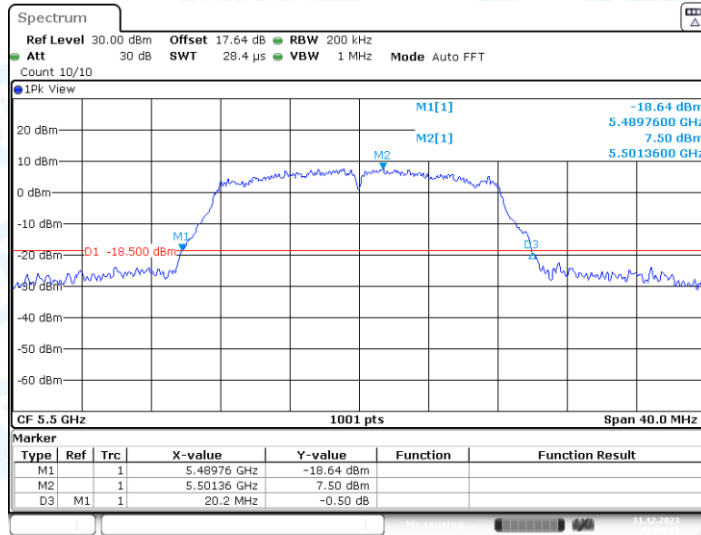
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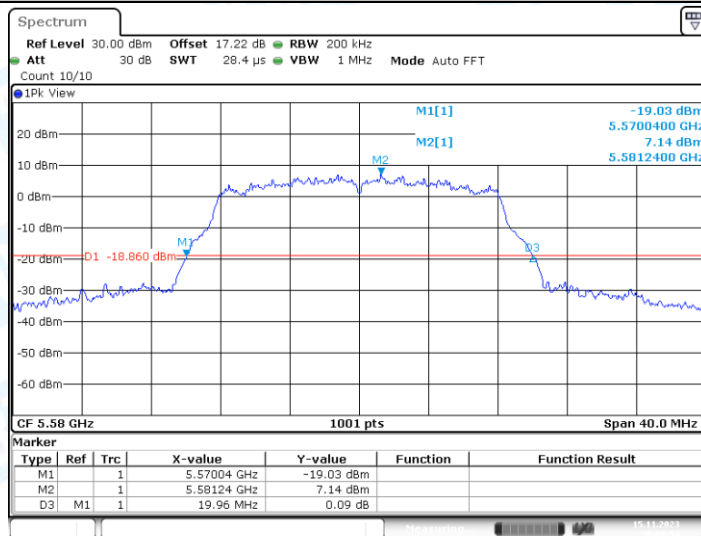
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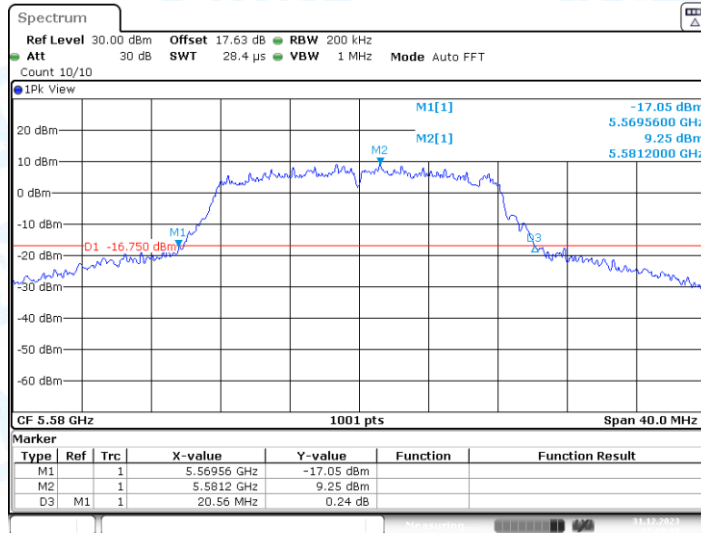
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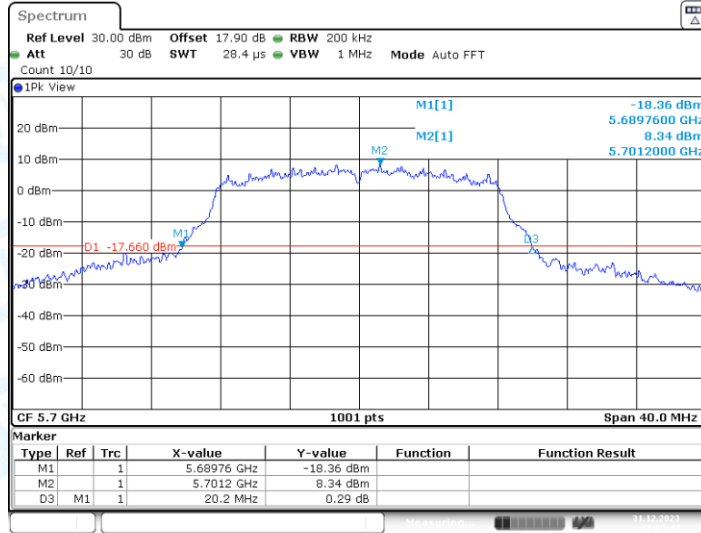
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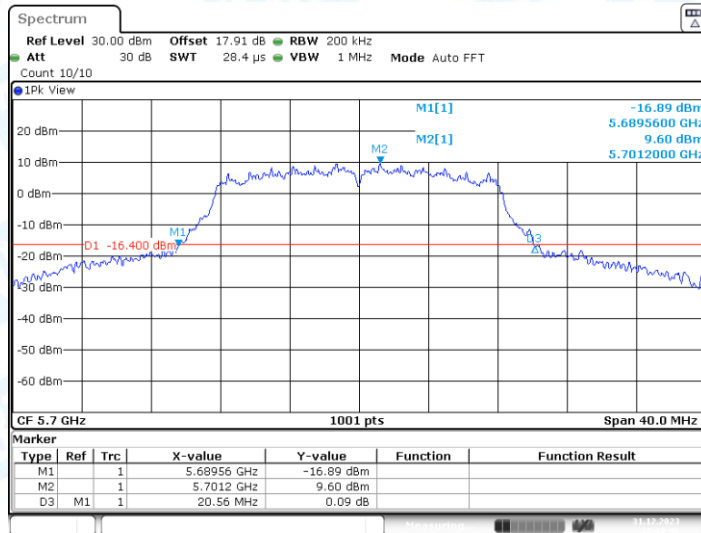
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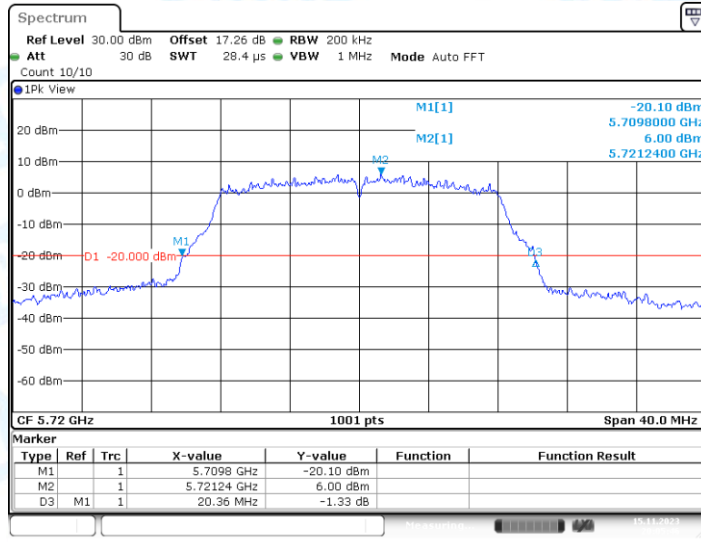
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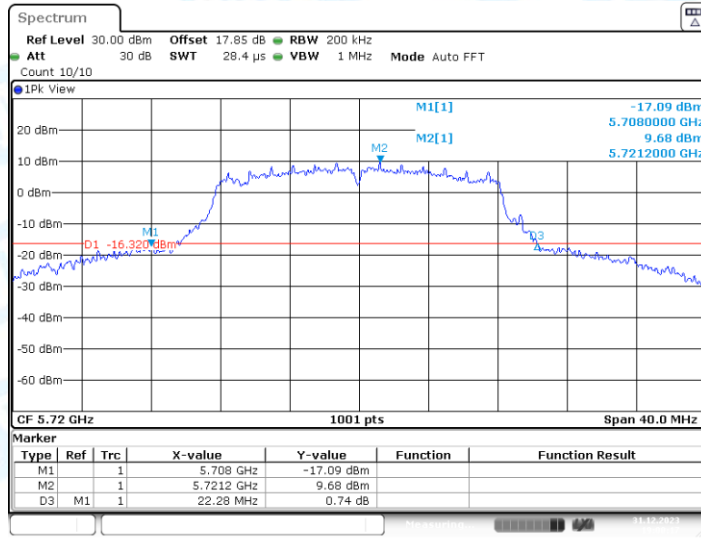


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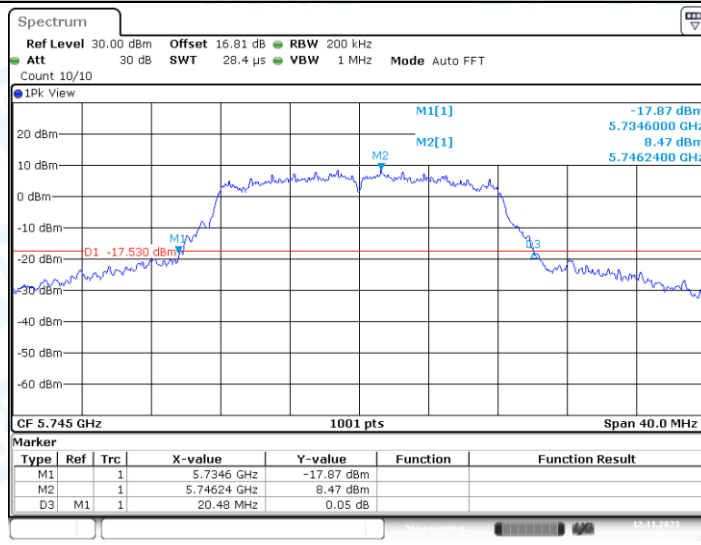
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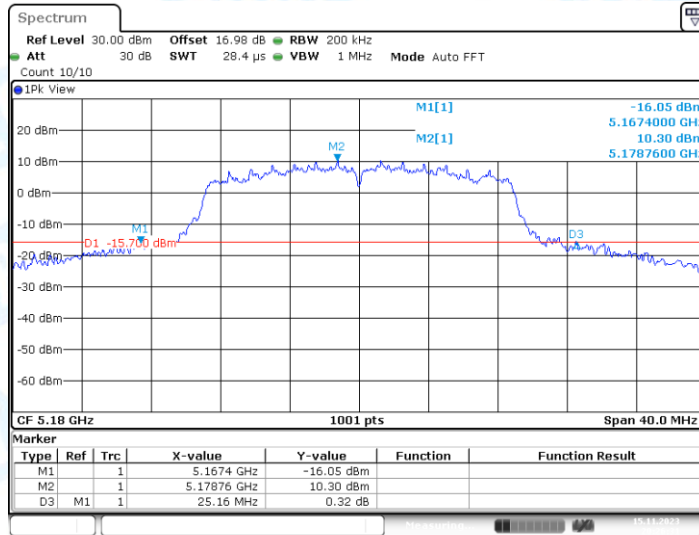
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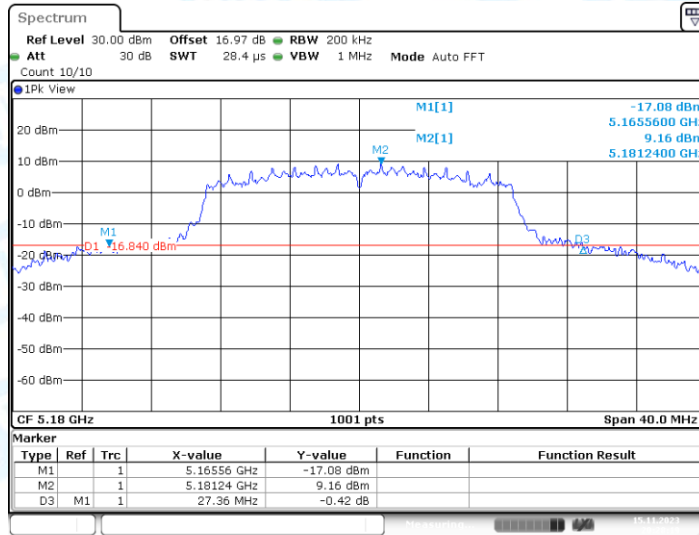
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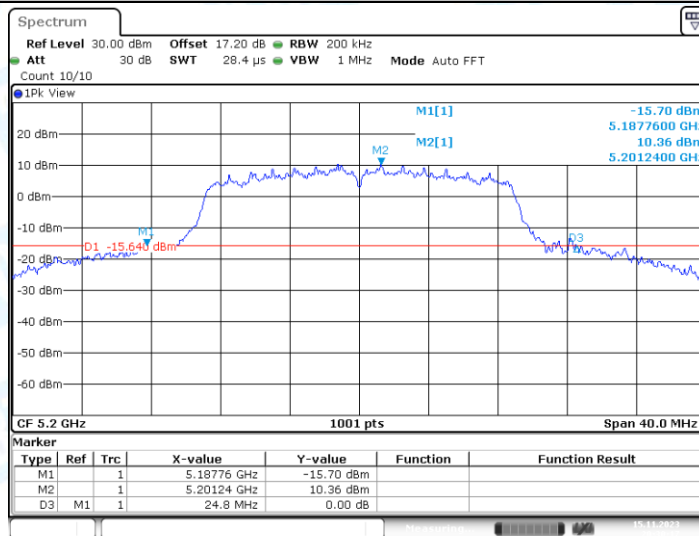
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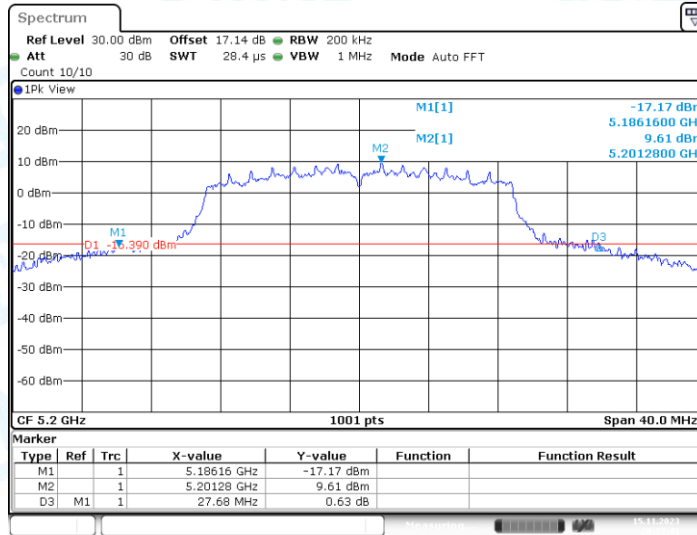
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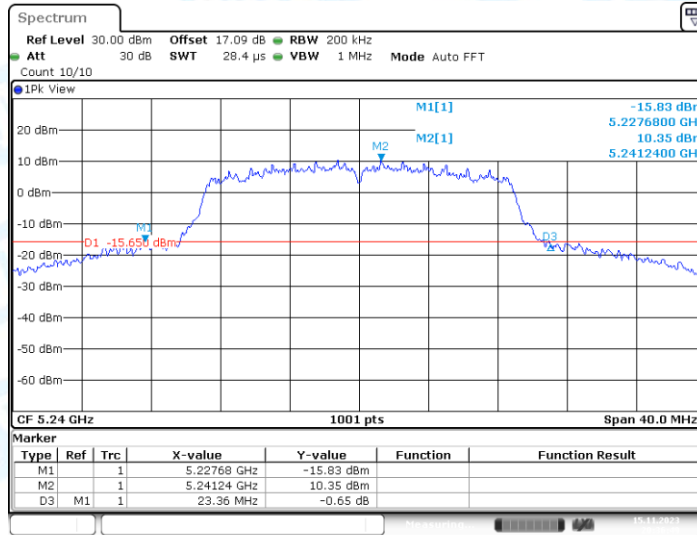
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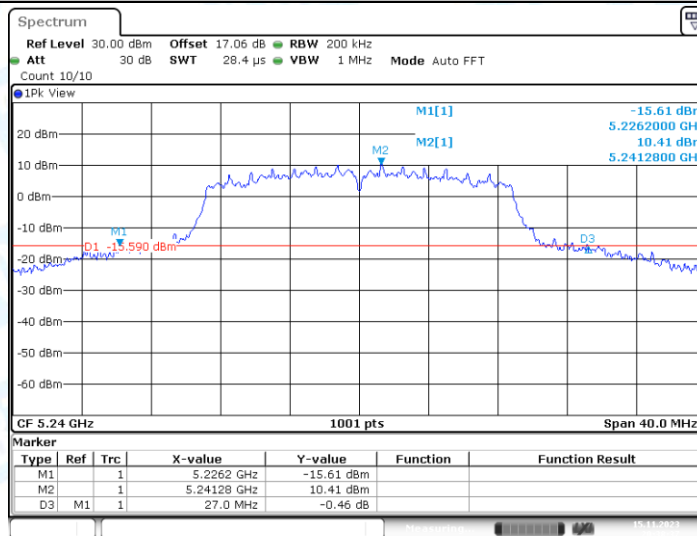
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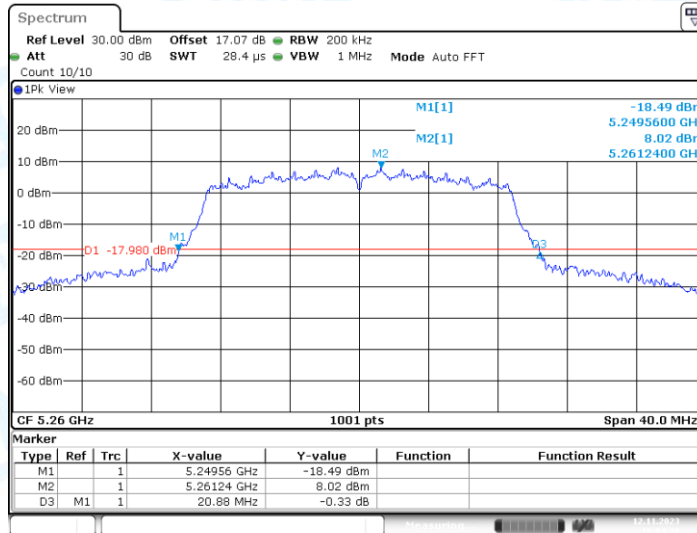
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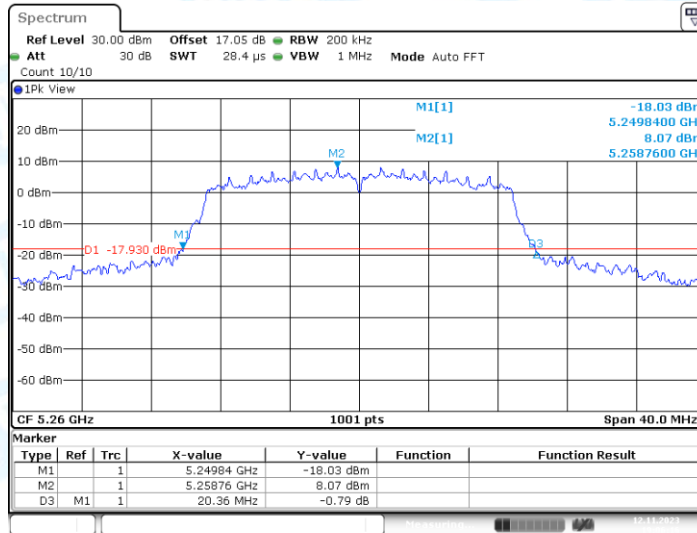
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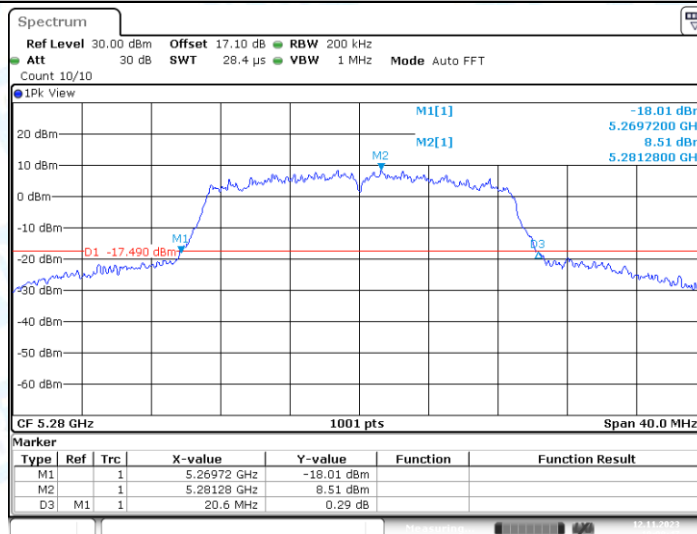
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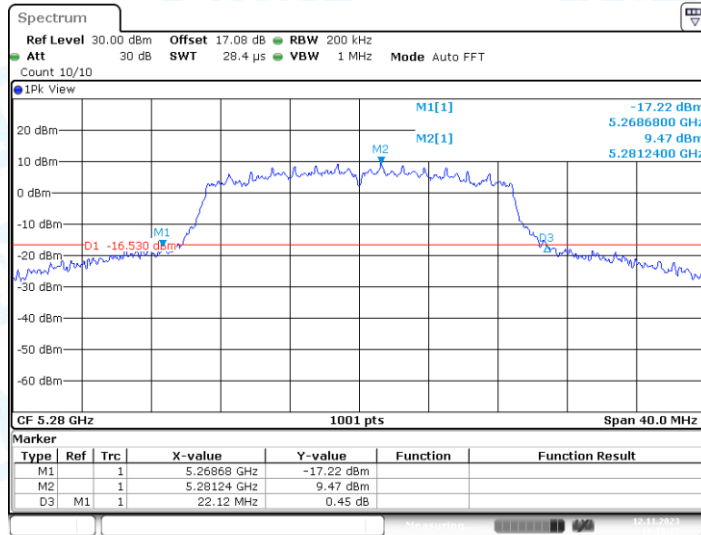
11N20MIMO_Ant2_5260



11N20MIMO_Ant1_5280

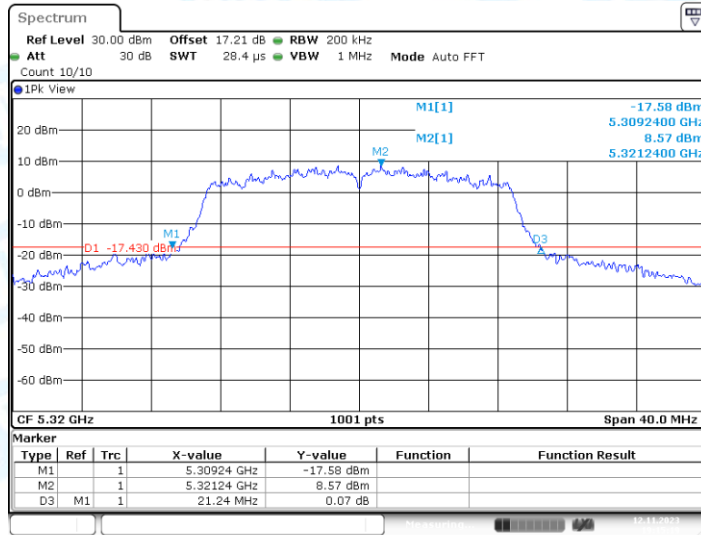


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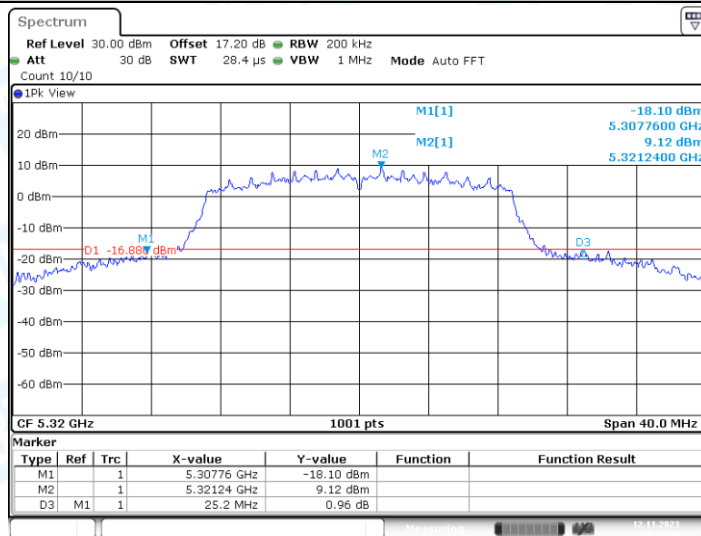
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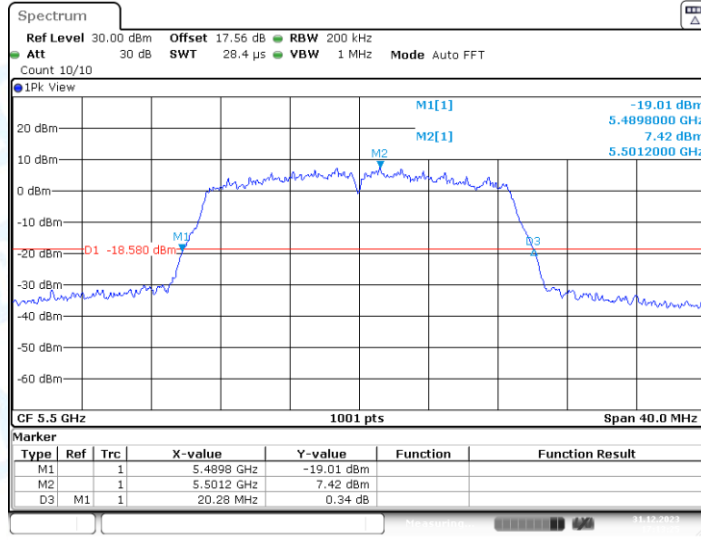
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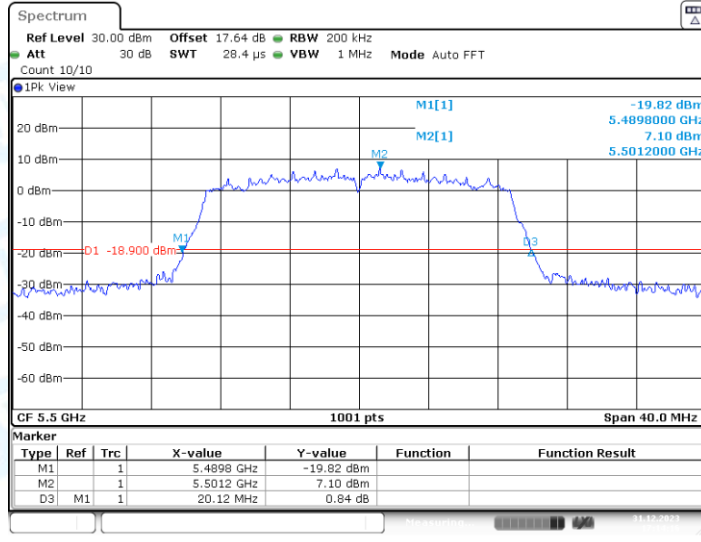


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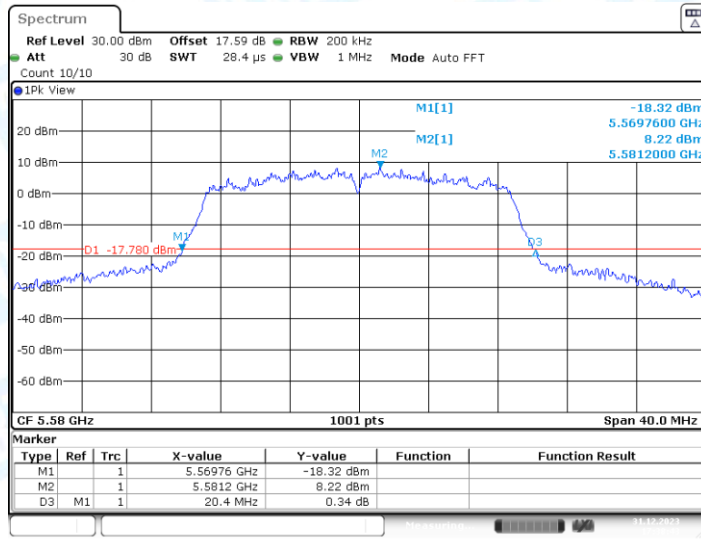
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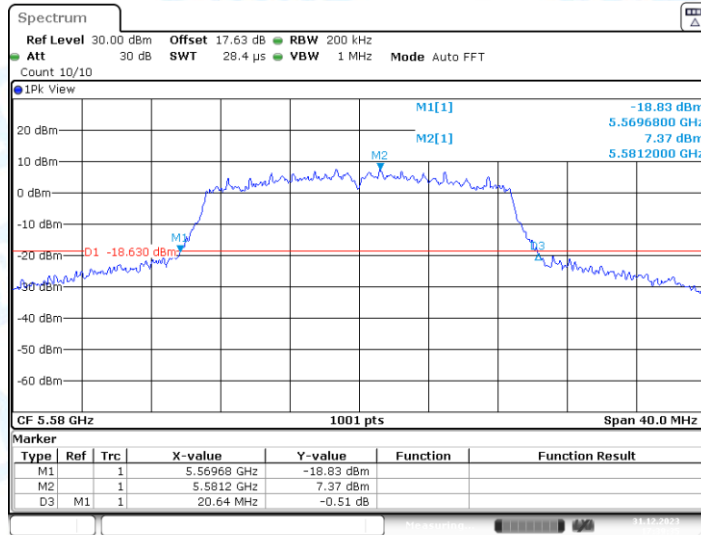
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11N20MIMO_Ant1_5580

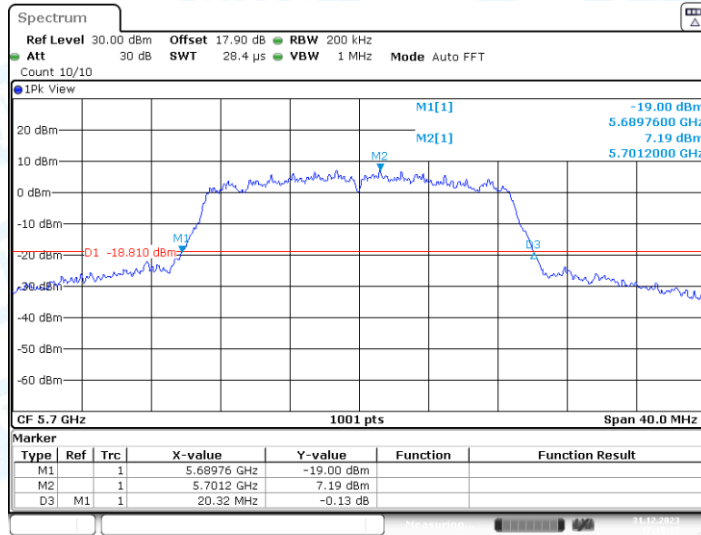


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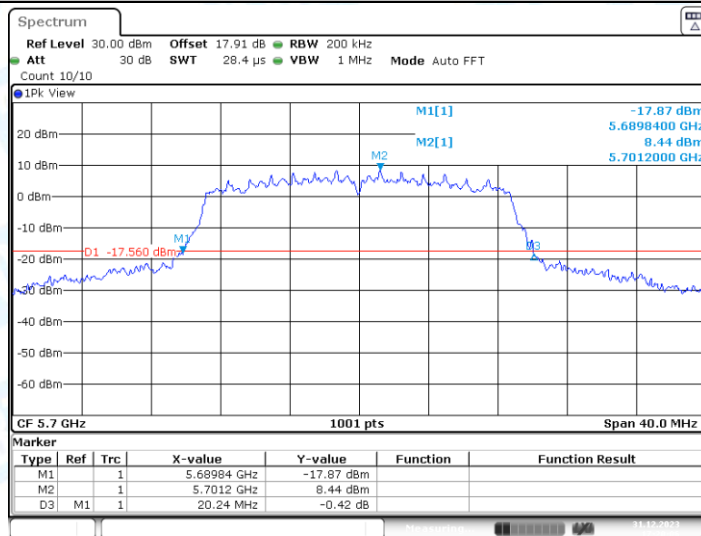
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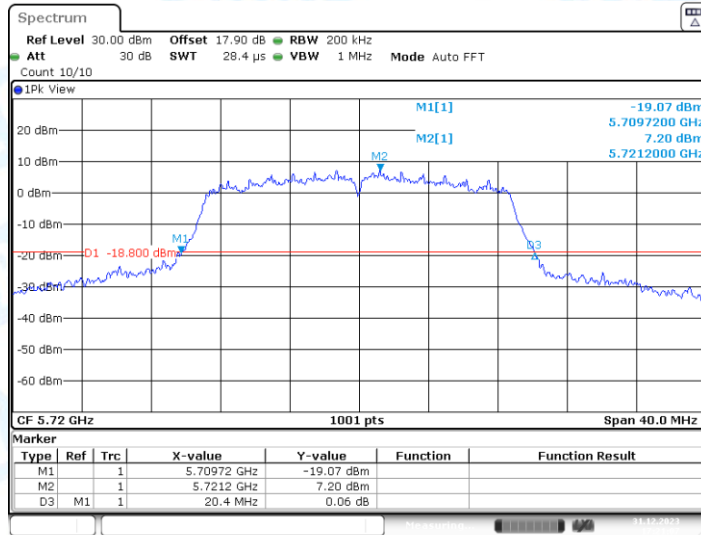
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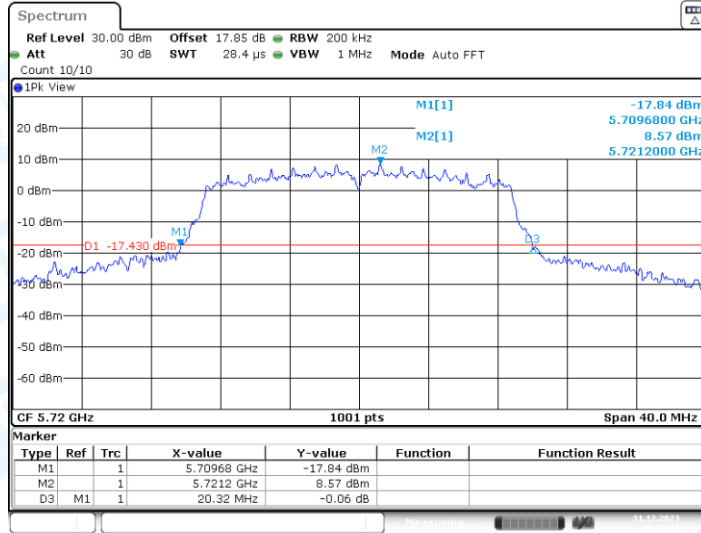
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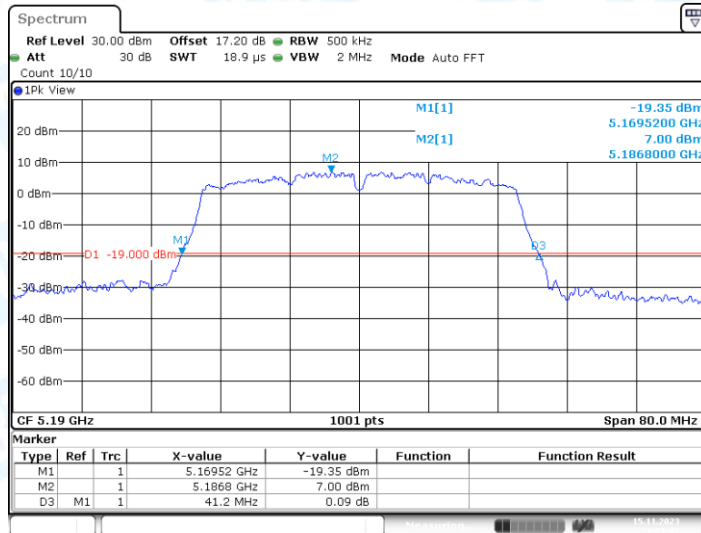
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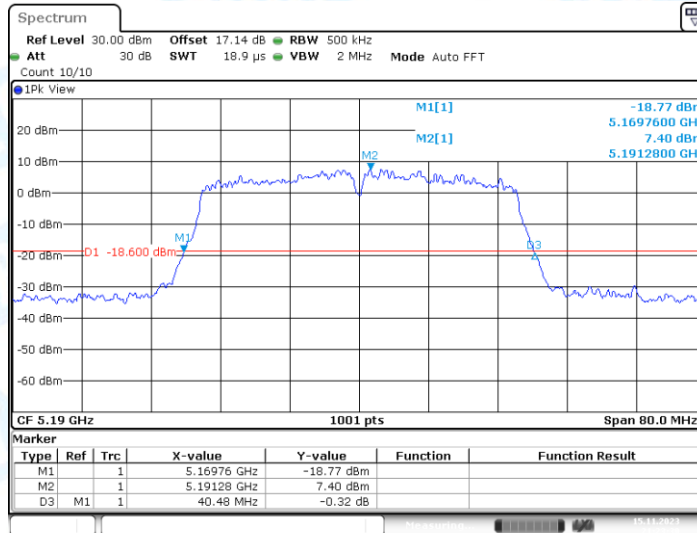
Date: 31.DEC.2023 17:22:18

11N40MIMO_Ant1_5190

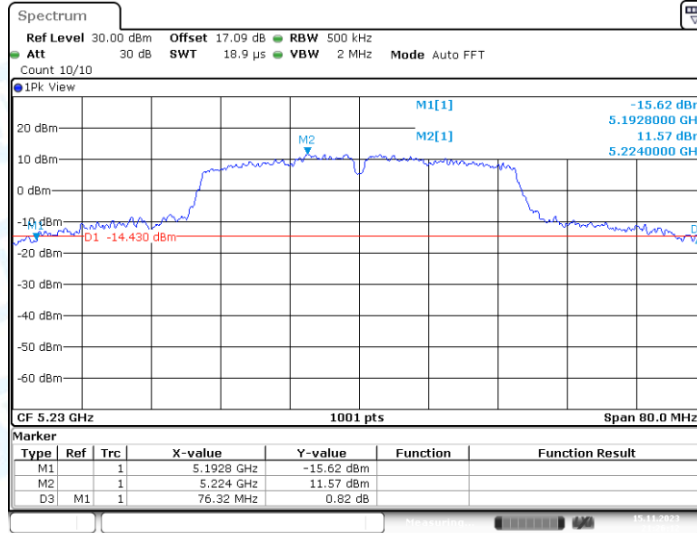


Date: 15.NOV.2023 21:21:42

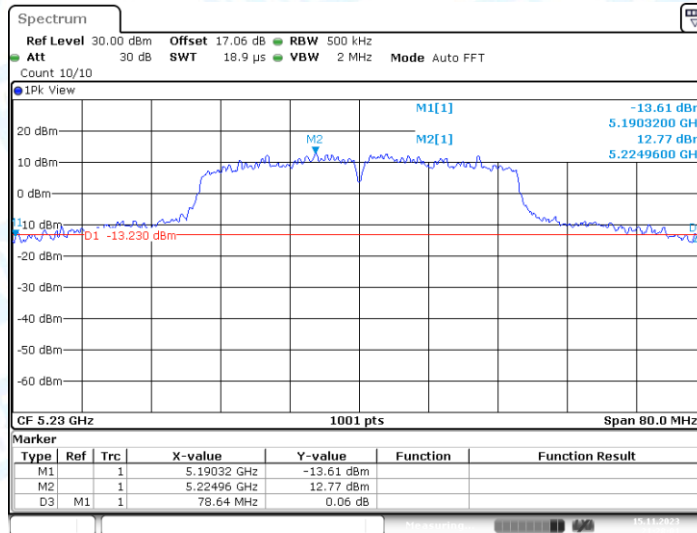
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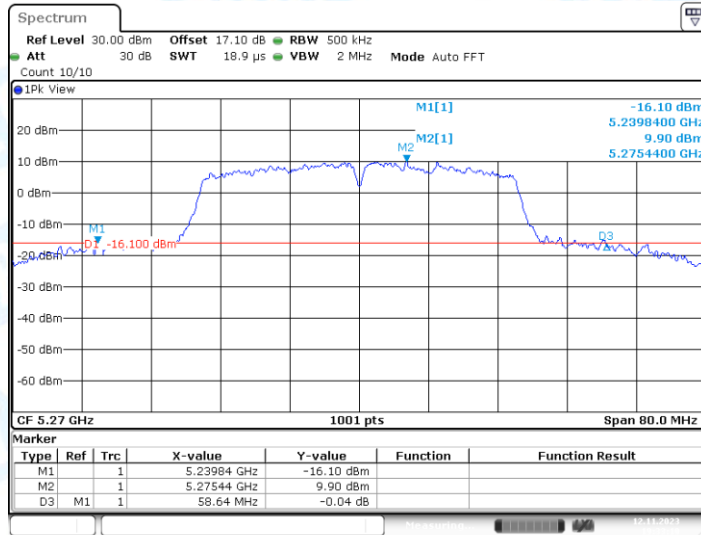
11N40MIMO_Ant1_5230



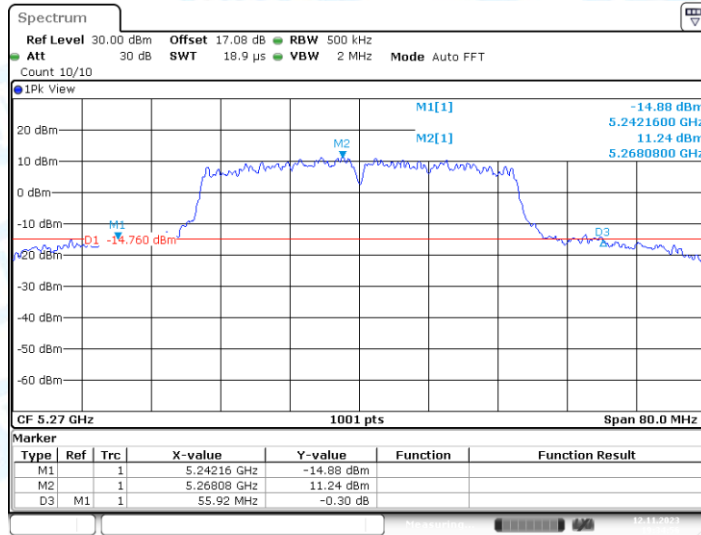
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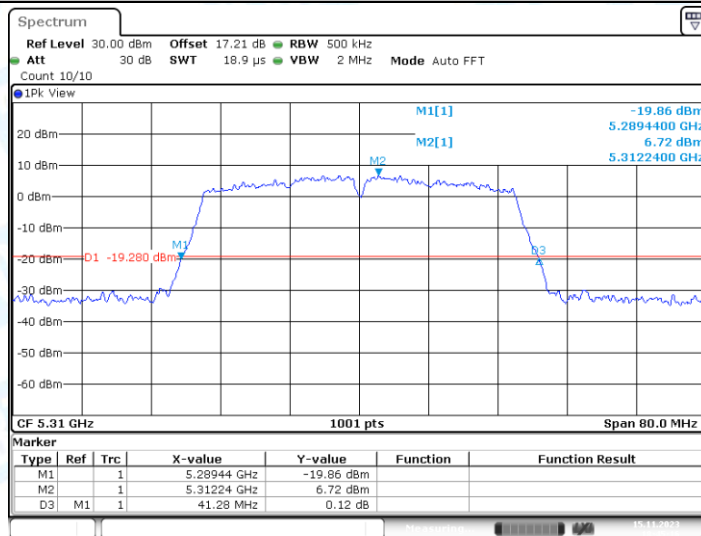
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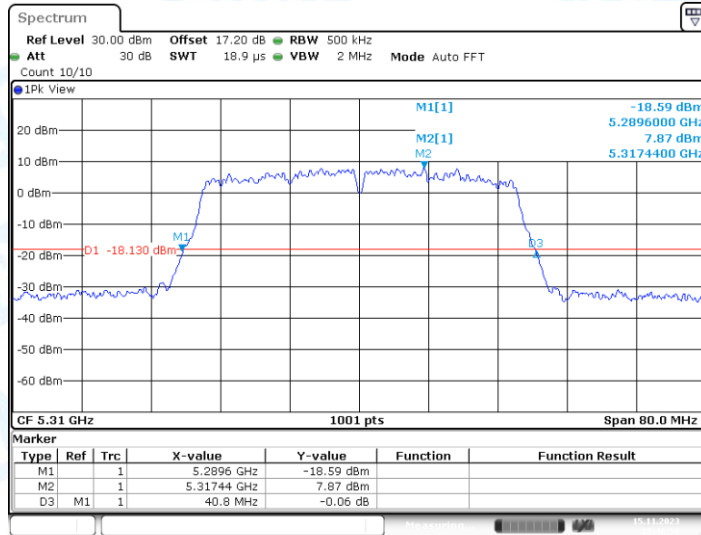
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11N40MIMO_Ant1_5310

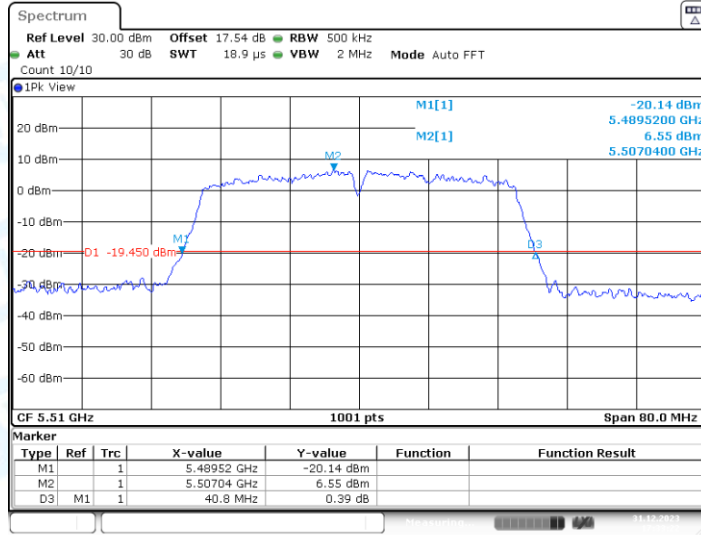


11N40MIMO_Ant2_5310



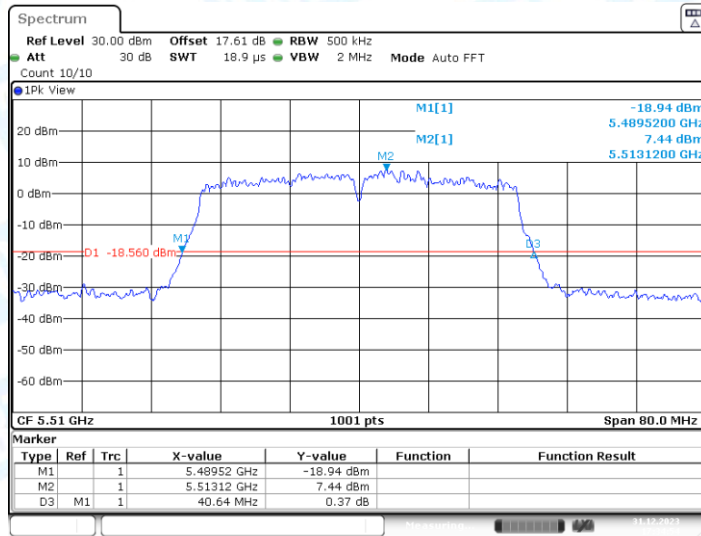
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11N40MIMO_Ant1_5510



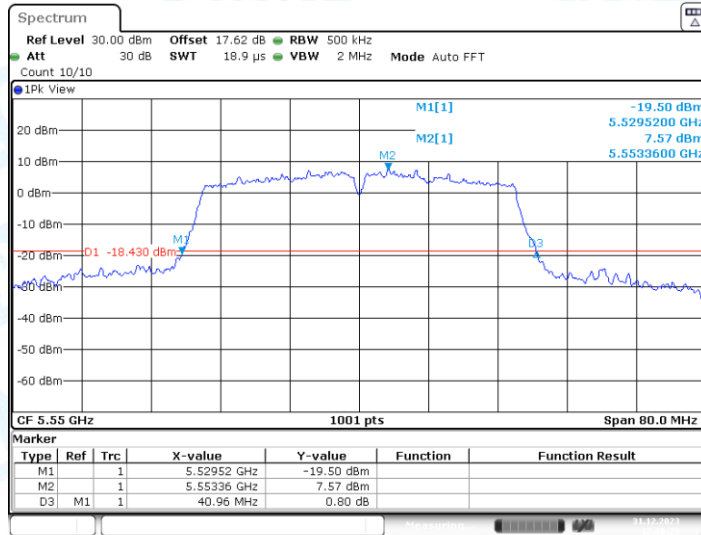
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11N40MIMO_Ant2_5510



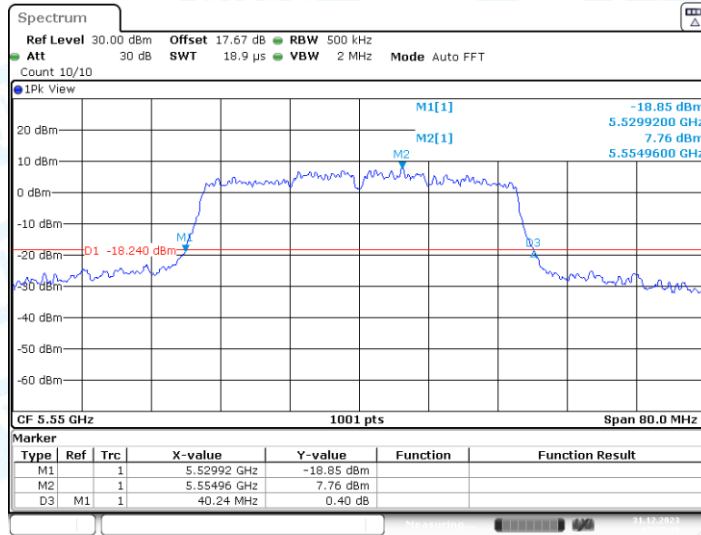
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11N40MIMO_Ant1_5550



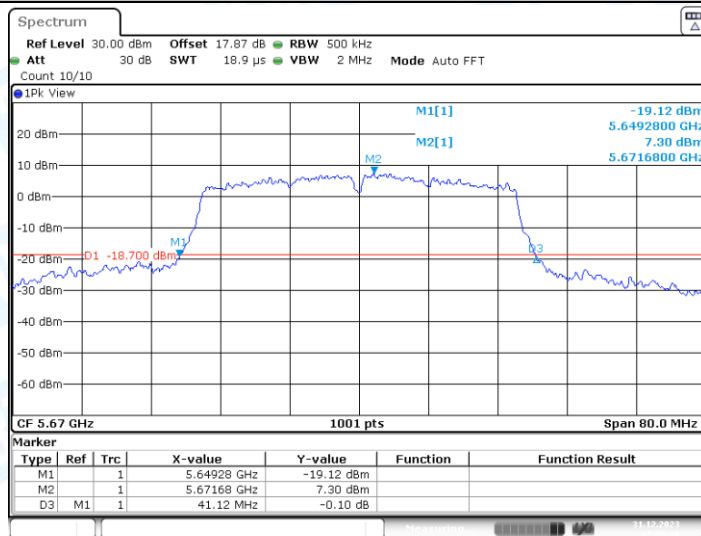
Date: 31.DEC.2023 17:26:29

11N40MIMO_Ant2_5550



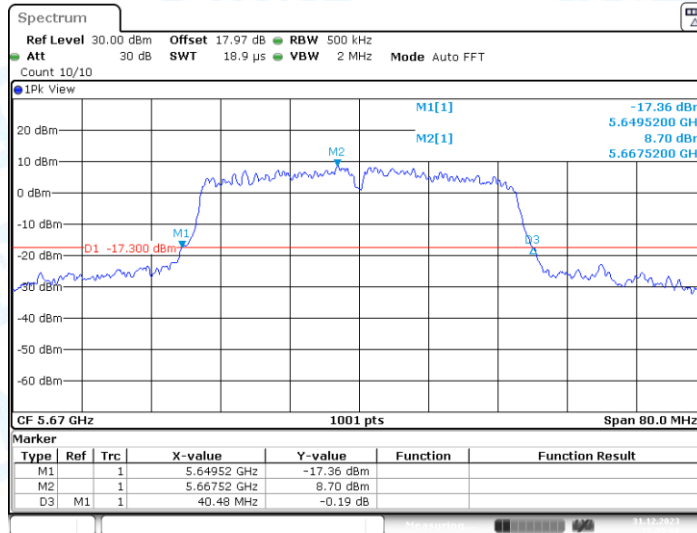
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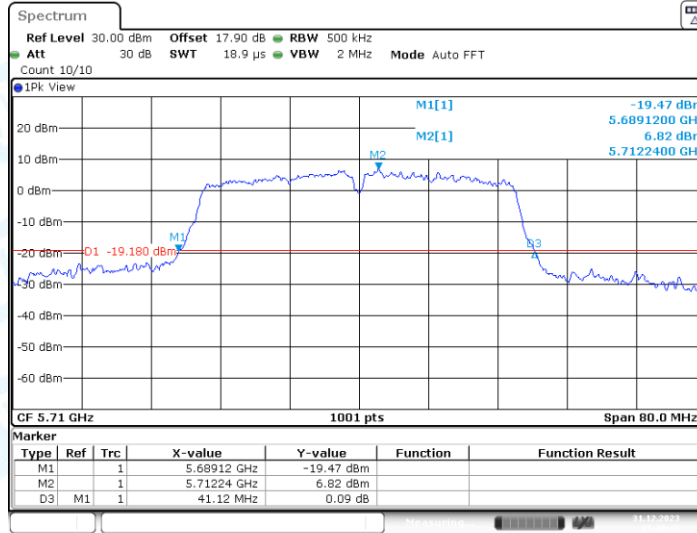
Date: 31.DEC.2023 17:28:17

11N40MIMO_Ant2_5670



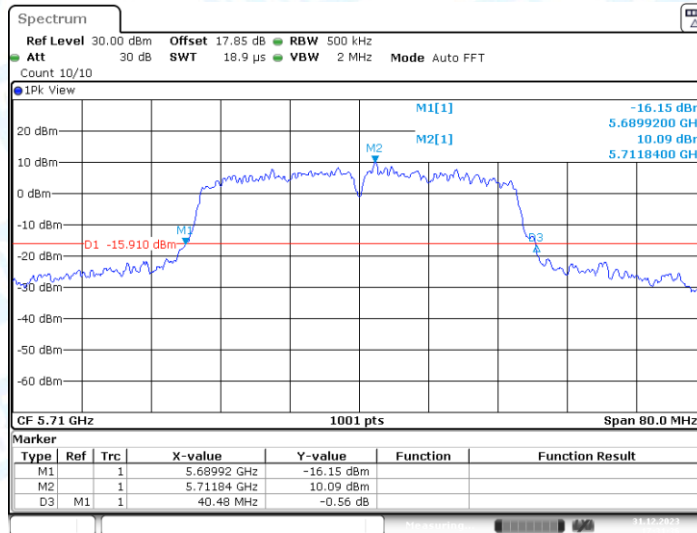
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11N40MIMO_Ant1_5710



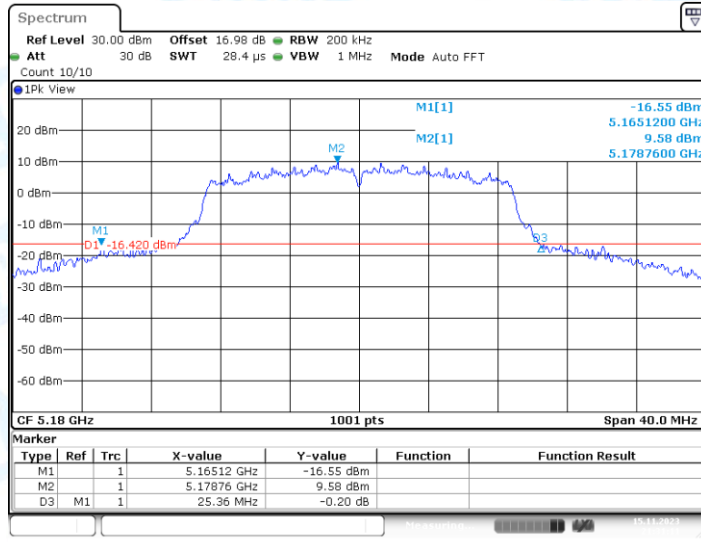
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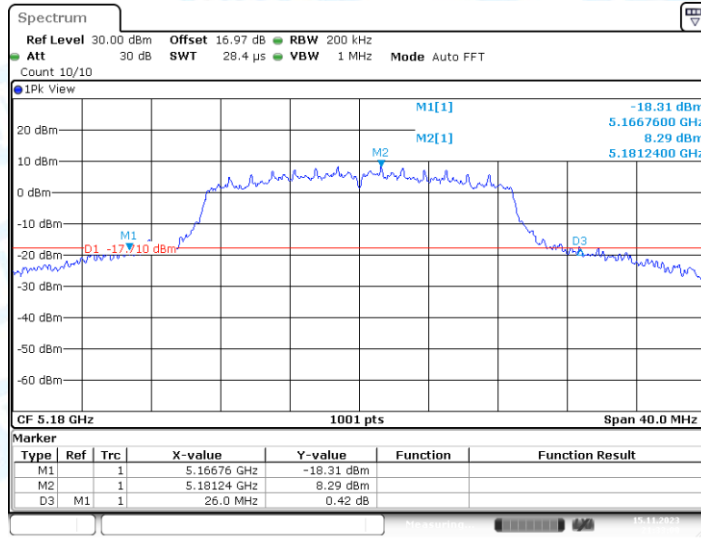
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11A20MIMO_Ant1_5180



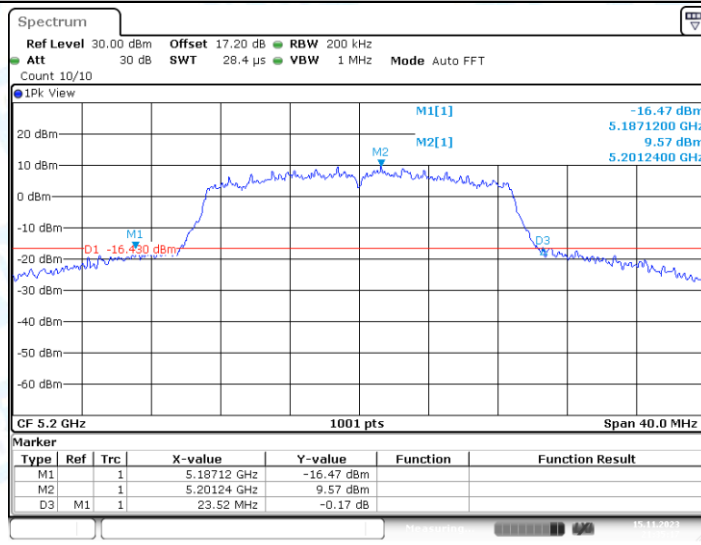
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11AC20MIMO_Ant2_5180



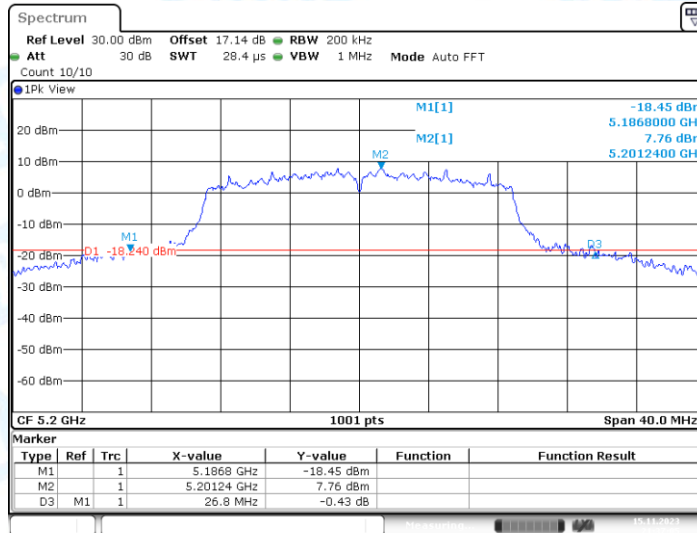
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11AC20MIMO_Ant1_5200

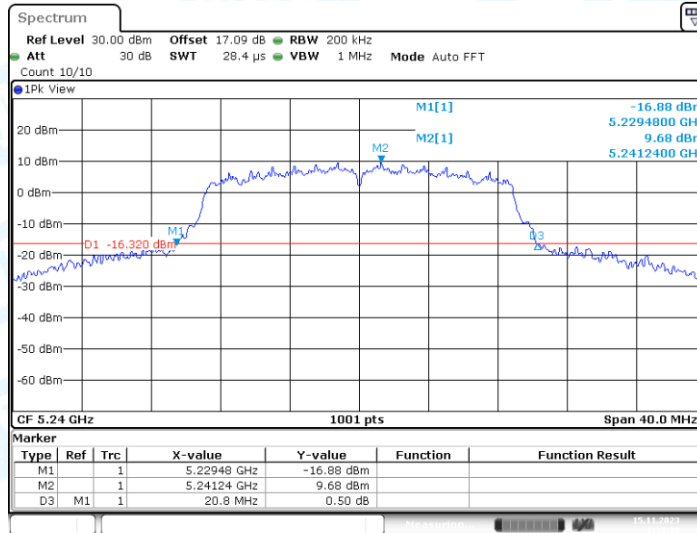


Date: 15.NOV.2023 21:35:17

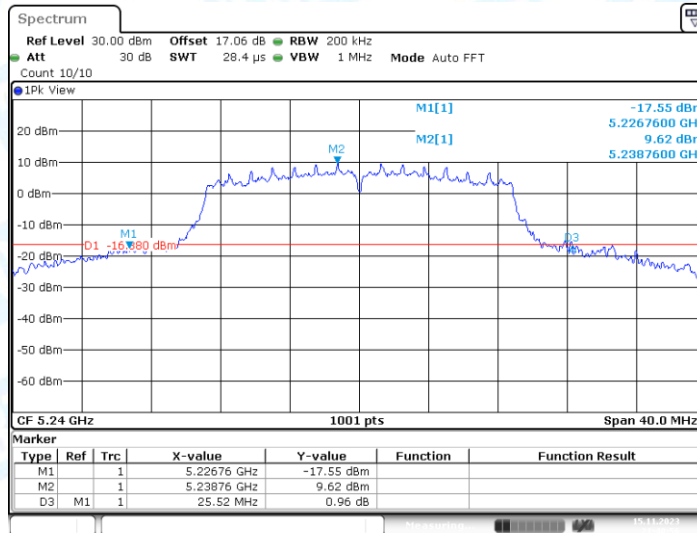
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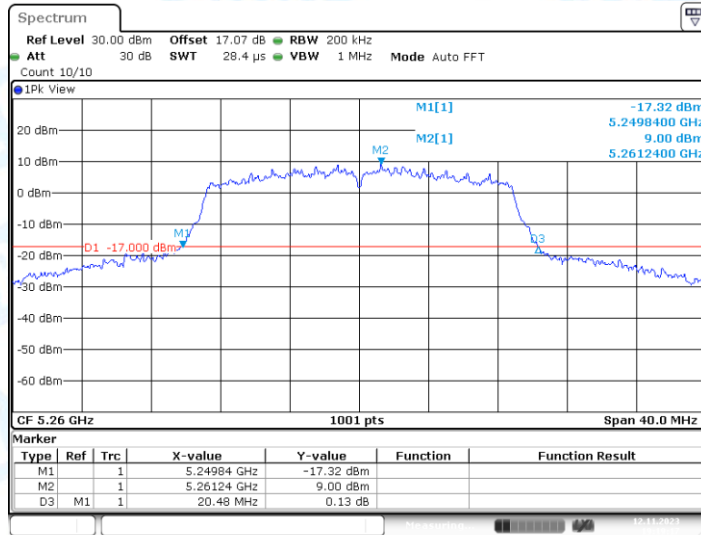
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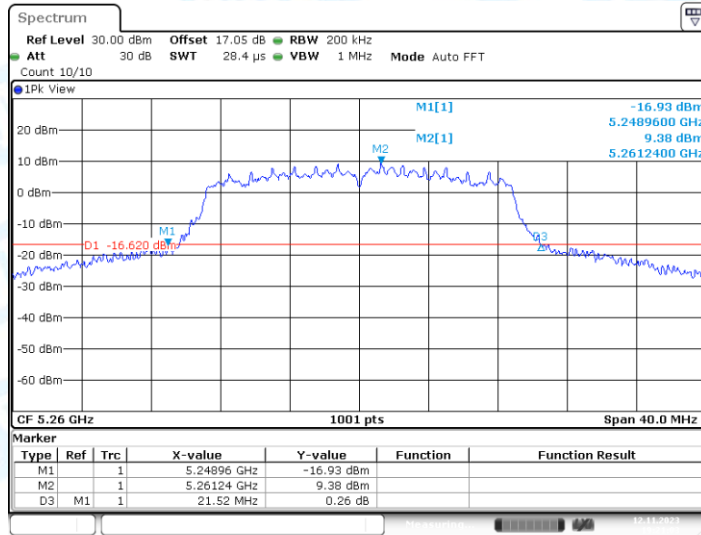
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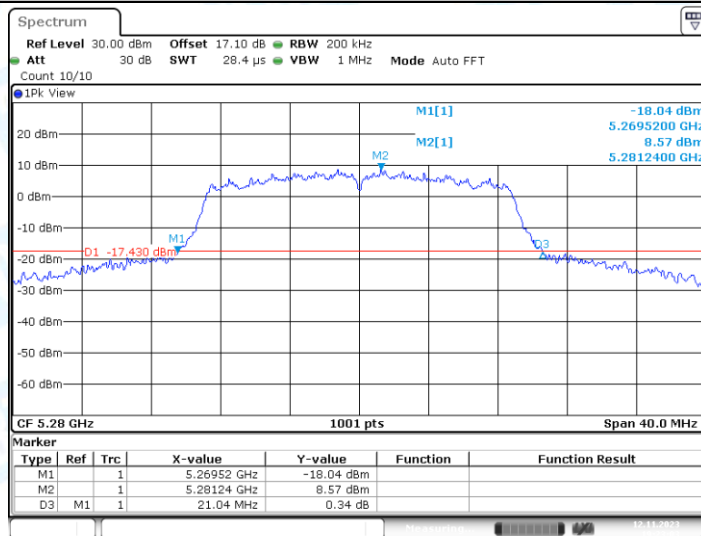
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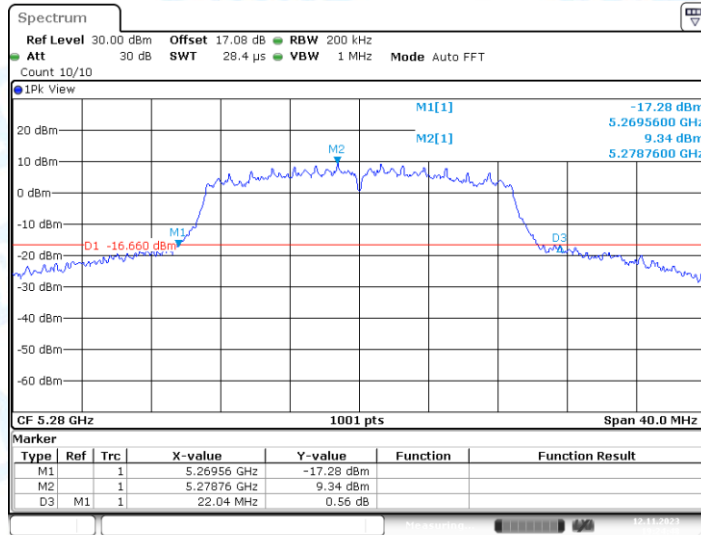
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11AC20MIMO_Ant1_5280

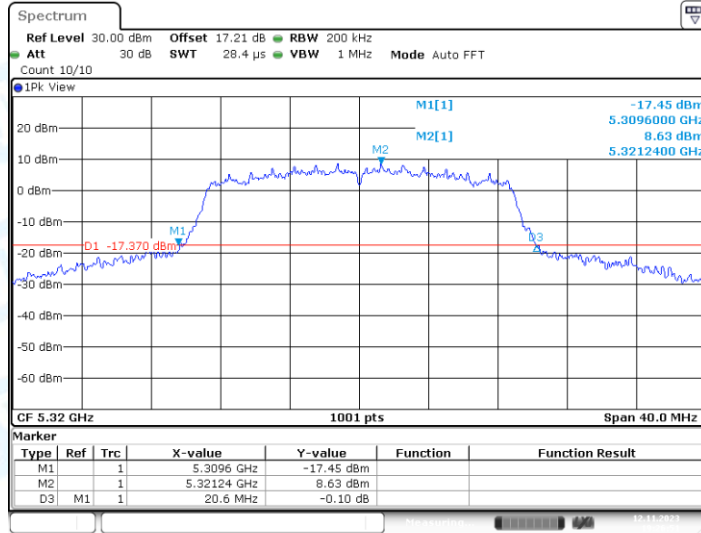


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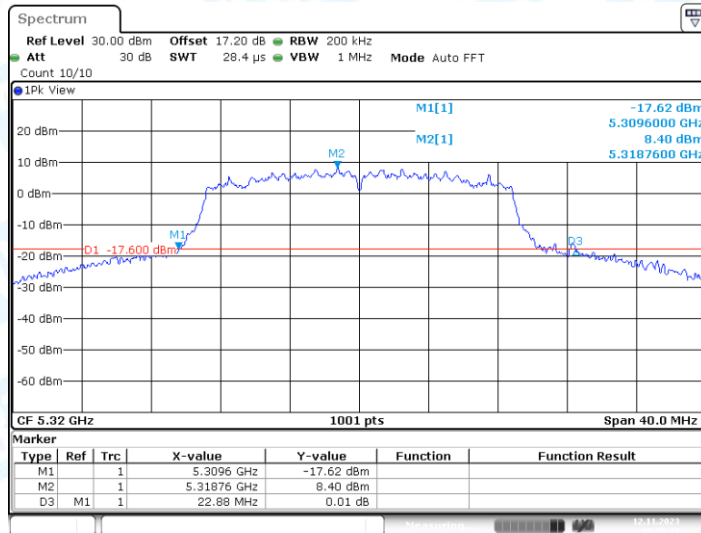
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11AC20MIMO_Ant1_5320



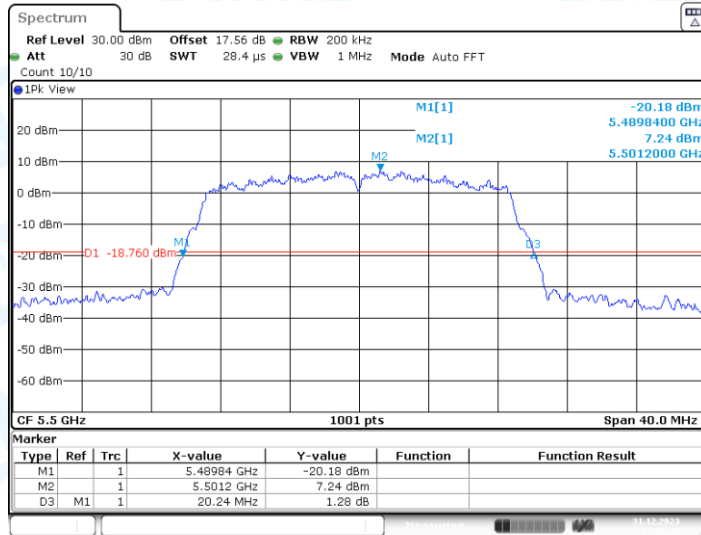
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11AC20MIMO_Ant2_5320

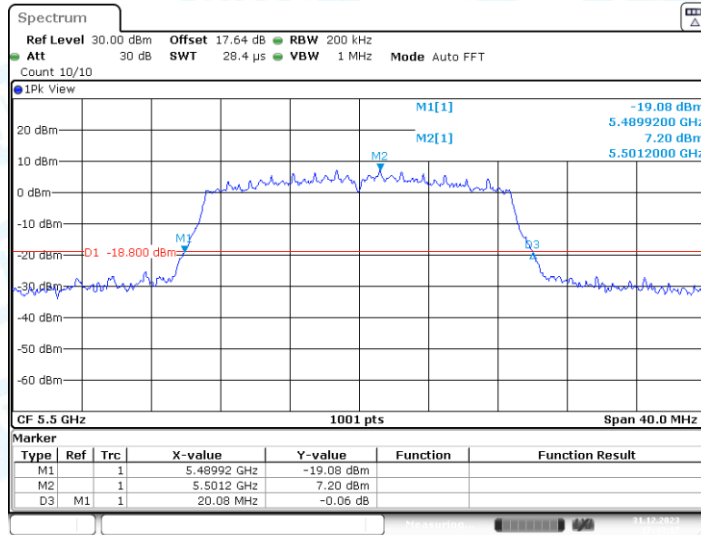


Date: 12.NOV.2023 19:28:36

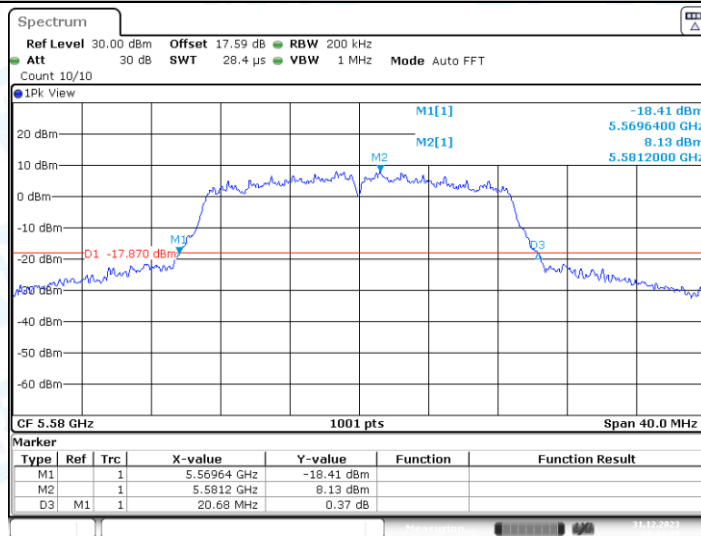
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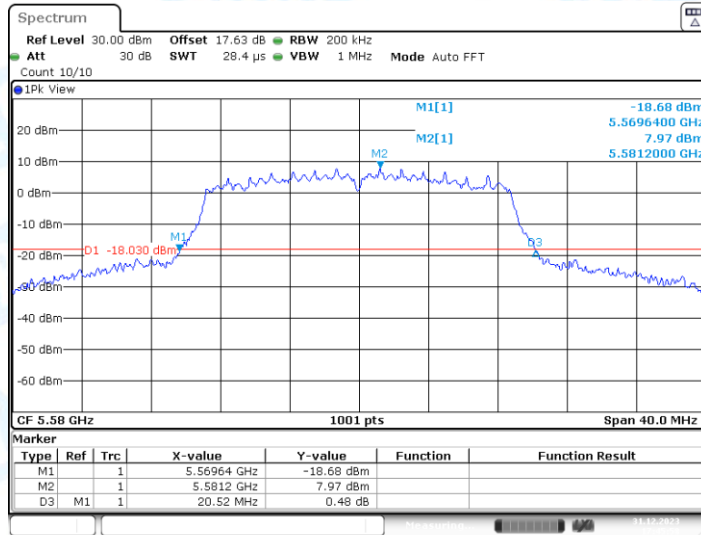
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11AC20MIMO_Ant1_5580

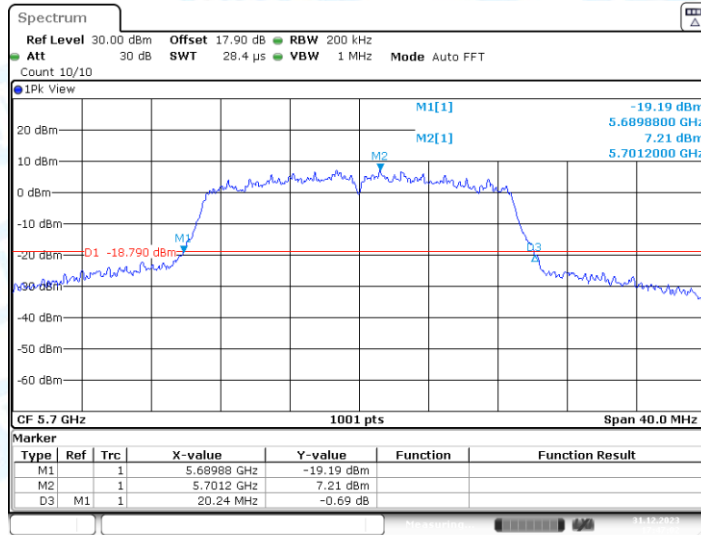


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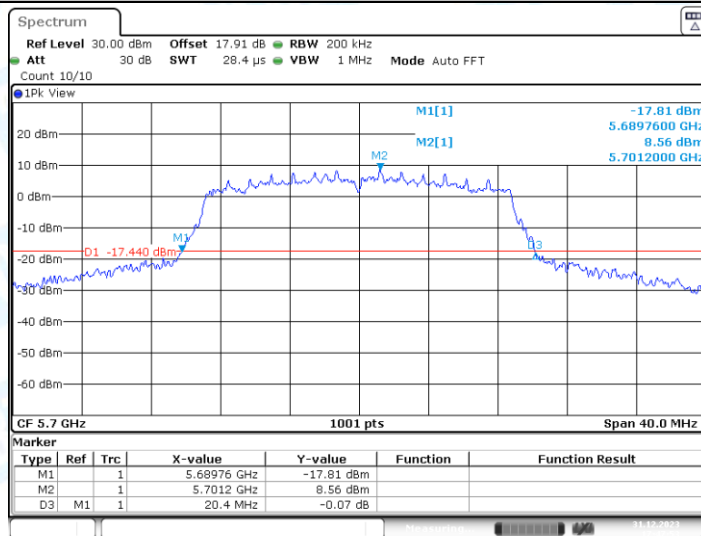
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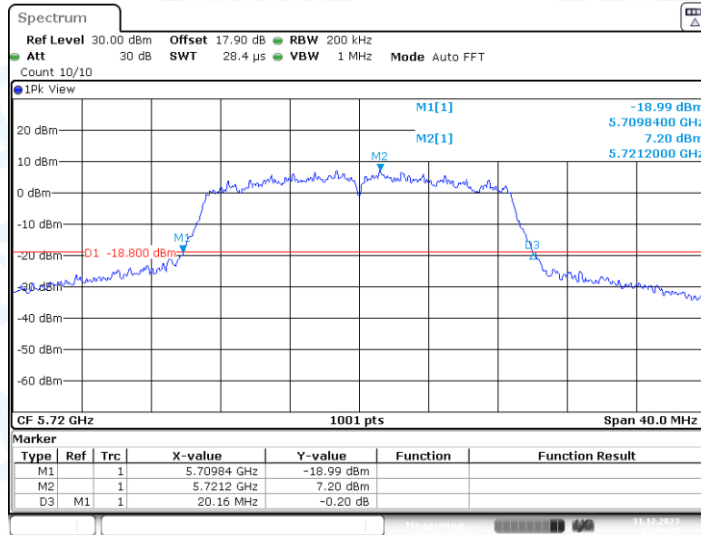
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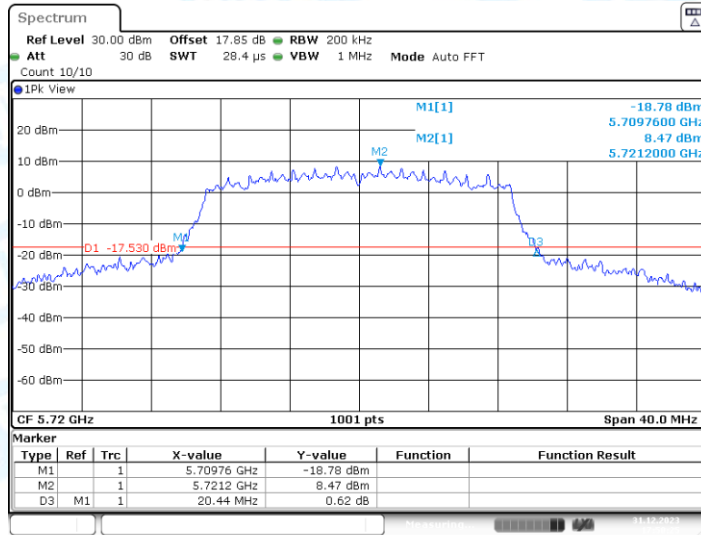
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11AC20MIMO_Ant1_5720



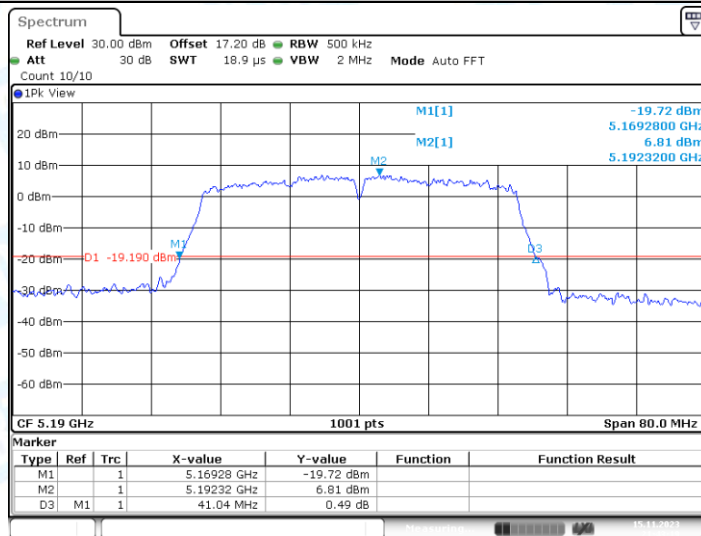
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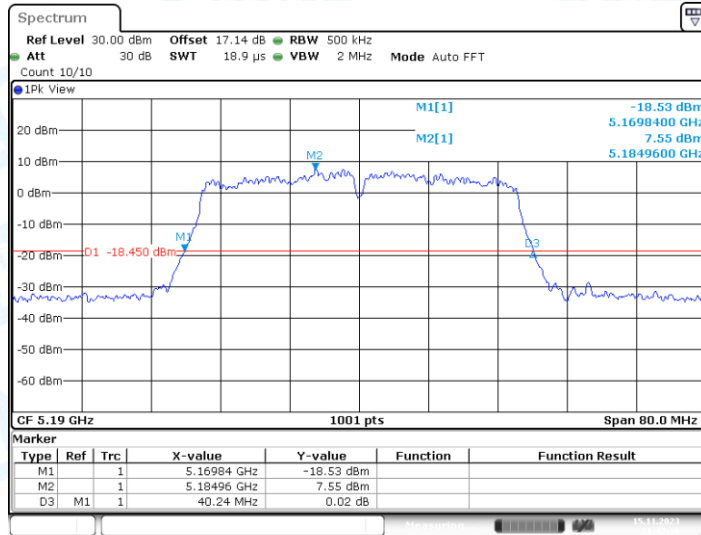
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11AC40MIMO_Ant1_5190

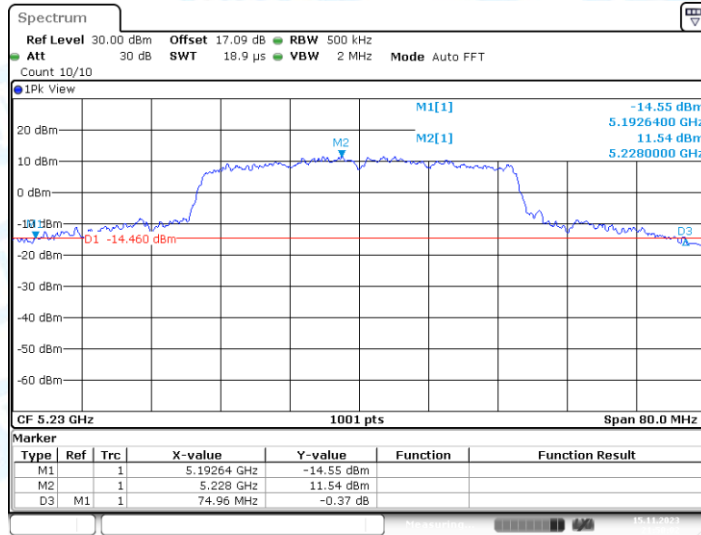


Date: 15.NOV.2023 21:43:19

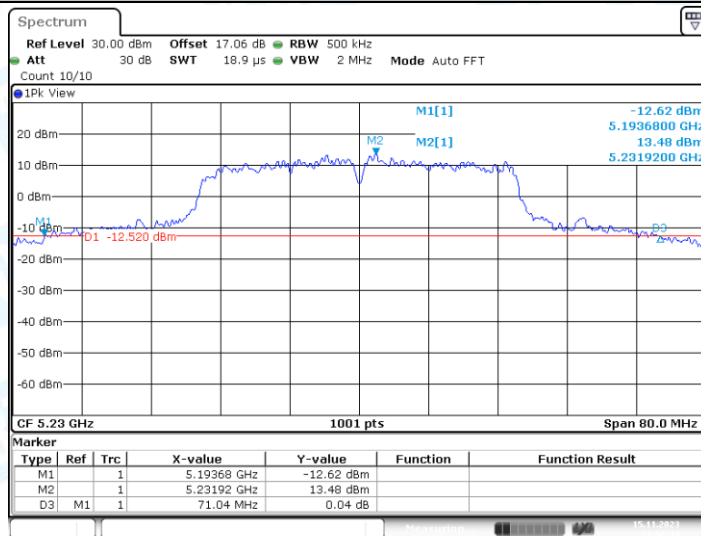
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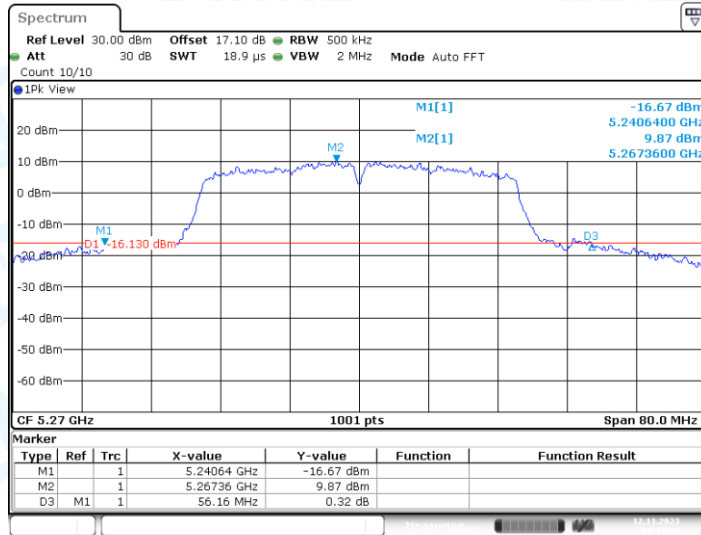
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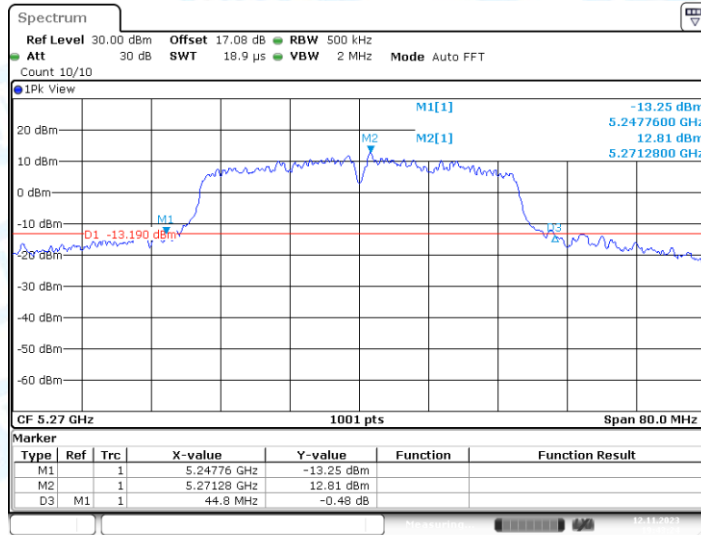
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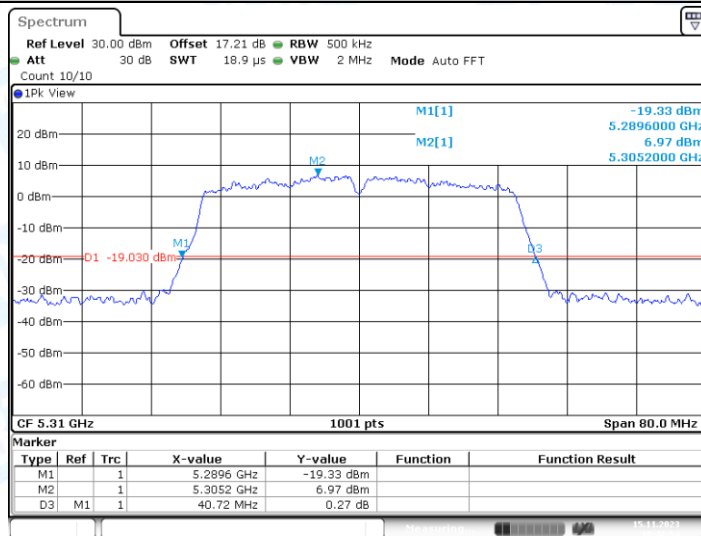
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11AC40MIMO_Ant2_5270



11AC40MIMO_Ant1_5310



11AC40MIMO_Ant2_5310