

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

General Description of EUT	
Product Name:	AC1200 Dual Band WiFi GPON Terminal, Dual Band WiFi GPON Terminal, Terminal WiFi GPON de doble banda AC1200
Test Model:	NP1257GB
Sample ID:	202302-0215-5-2#
Environmental Conditions	
Temperature:	24.5℃
Relative Humidity:	46%
Test Voltage:	DC 12V
Test Engineer:	Haiping Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202302-0215-51.	

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1. Emission Bandwidth

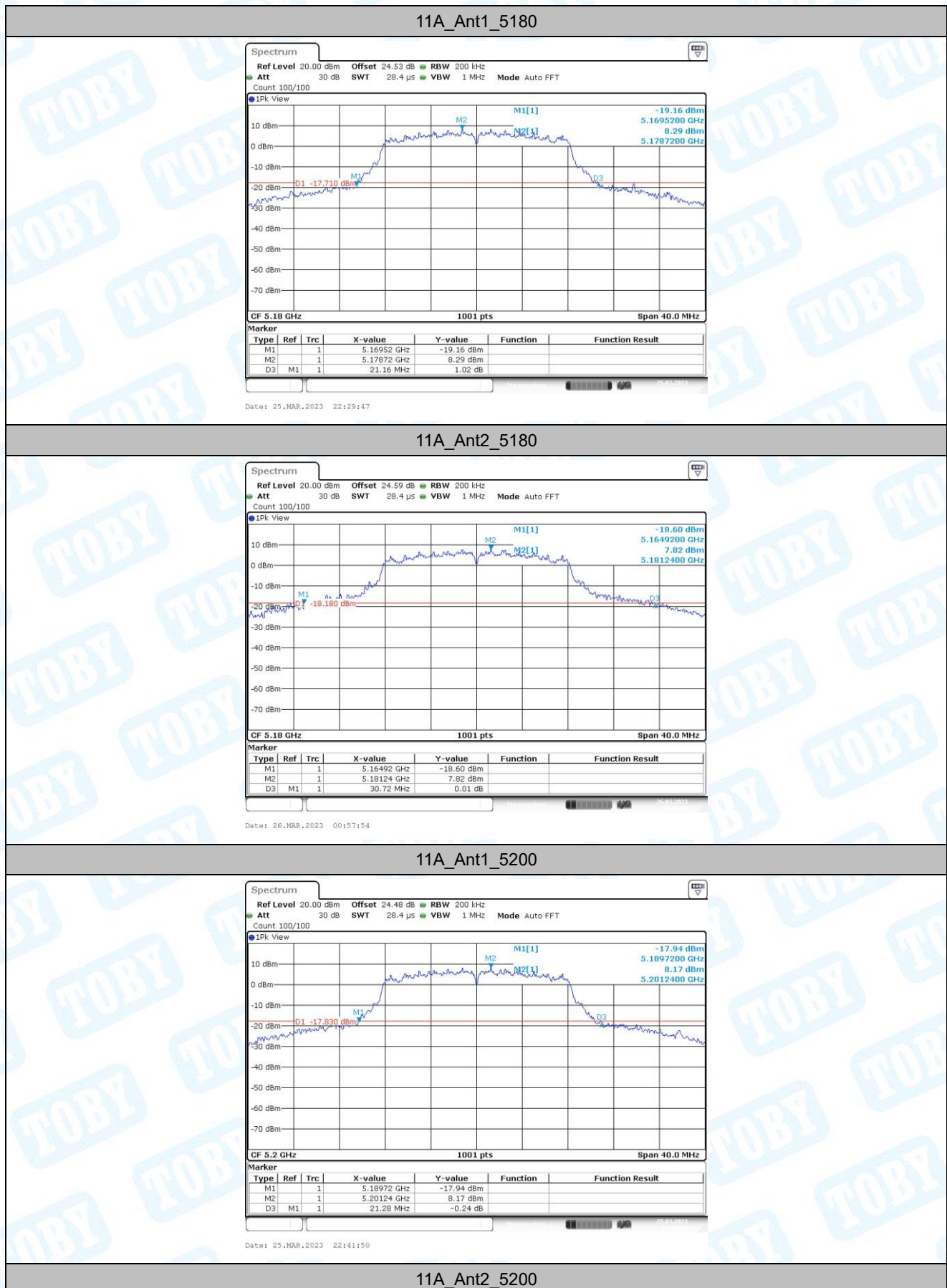
1.1. Test Result

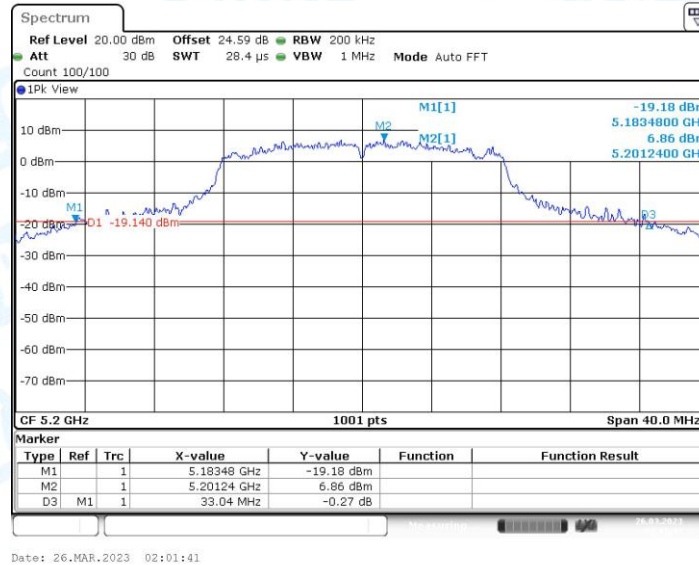
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.16	5169.52	5190.68	---	---
	Ant2	5180	30.72	5164.92	5195.64	---	---
	Ant1	5200	21.28	5189.72	5211.00	---	---
	Ant2	5200	33.04	5183.48	5216.52	---	---
	Ant1	5240	27.72	5224.88	5252.60	---	---
	Ant2	5240	33.96	5222.36	5256.32	---	---
	Ant1	5260	25.68	5247.24	5272.92	---	---
	Ant2	5260	31.80	5244.24	5276.04	---	---
	Ant1	5280	25.56	5266.40	5291.96	---	---
	Ant2	5280	28.36	5265.20	5293.56	---	---
	Ant1	5320	22.60	5307.68	5330.28	---	---
	Ant2	5320	26.40	5306.48	5332.88	---	---
	Ant1	5500	23.76	5487.72	5511.48	---	---
	Ant2	5500	32.96	5483.96	5516.92	---	---
	Ant1	5580	23.04	5567.40	5590.44	---	---
	Ant2	5580	29.24	5565.28	5594.52	---	---
	Ant1	5720	22.88	5709.00	5731.88	---	---
	Ant2	5720	32.44	5704.28	5736.72	---	---
	Ant1	5720_UNII-2C	16	5709.00	5725	---	---
	Ant2	5720_UNII-2C	20.72	5704.28	5725	---	---
11N20MIMO	Ant1	5720_UNII-3	6.88	5725	5731.88	---	---
	Ant2	5720_UNII-3	11.72	5725	5736.72	---	---
	Ant1	5180	22.32	5168.08	5190.40	---	---
	Ant2	5180	29.00	5166.12	5195.12	---	---
	Ant1	5200	22.64	5188.04	5210.68	---	---
	Ant2	5200	32.92	5183.44	5216.36	---	---
	Ant1	5240	26.28	5227.08	5253.36	---	---
	Ant2	5240	32.40	5223.04	5255.44	---	---
	Ant1	5260	28.08	5245.52	5273.60	---	---
	Ant2	5260	29.72	5244.80	5274.52	---	---
	Ant1	5280	25.88	5267.04	5292.92	---	---
	Ant2	5280	30.48	5264.60	5295.08	---	---
	Ant1	5320	24.20	5307.44	5331.64	---	---
	Ant2	5320	27.00	5306.80	5333.80	---	---
	Ant1	5500	25.16	5487.16	5512.32	---	---
	Ant2	5500	33.40	5483.32	5516.72	---	---
	Ant1	5580	23.64	5568.32	5591.96	---	---
	Ant2	5580	27.76	5566.12	5593.88	---	---
	Ant1	5720	20.52	5709.68	5730.20	---	---
	Ant2	5720	23.04	5707.68	5730.72	---	---
11N40MIMO	Ant1	5720_UNII-2C	15.32	5709.68	5725	---	---
	Ant2	5720_UNII-2C	17.32	5707.68	5725	---	---
	Ant1	5720_UNII-3	5.2	5725	5730.20	---	---
	Ant2	5720_UNII-3	5.72	5725	5730.72	---	---
	Ant1	5190	62.08	5162.40	5224.48	---	---
	Ant2	5190	64.24	5159.76	5224.00	---	---
	Ant1	5230	67.76	5196.88	5264.64	---	---
	Ant2	5230	70.56	5193.52	5264.08	---	---
	Ant1	5270	67.68	5235.92	5303.60	---	---
	Ant2	5270	64.56	5237.92	5302.48	---	---
	Ant1	5310	56.72	5280.56	5337.28	---	---

	Ant2	5310	49.76	5285.20	5334.96	---	---
	Ant1	5510	54.40	5483.28	5537.68	---	---
	Ant2	5510	68.00	5475.92	5543.92	---	---
	Ant1	5550	56.24	5522.08	5578.32	---	---
	Ant2	5550	53.68	5521.52	5575.20	---	---
	Ant1	5710	47.44	5689.44	5736.88	---	---
	Ant2	5710	42.32	5688.88	5731.20	---	---
	Ant1	5710_UNII-2C	35.56	5689.44	5725	---	---
	Ant2	5710_UNII-2C	36.12	5688.88	5725	---	---
	Ant1	5710_UNII-3	11.88	5725	5736.88	---	---
	Ant2	5710_UNII-3	6.2	5725	5731.20	---	---
11AC20MIMO	Ant1	5180	23.00	5168.04	5191.04	---	---
	Ant2	5180	30.44	5164.96	5195.40	---	---
	Ant1	5200	25.12	5187.80	5212.92	---	---
	Ant2	5200	33.36	5183.92	5217.28	---	---
	Ant1	5240	27.56	5226.48	5254.04	---	---
	Ant2	5240	31.60	5224.20	5255.80	---	---
	Ant1	5260	27.40	5246.84	5274.24	---	---
	Ant2	5260	32.04	5243.68	5275.72	---	---
	Ant1	5280	26.16	5266.80	5292.96	---	---
	Ant2	5280	29.16	5265.84	5295.00	---	---
	Ant1	5320	20.88	5309.64	5330.52	---	---
	Ant2	5320	25.40	5307.44	5332.84	---	---
	Ant1	5500	22.68	5488.64	5511.32	---	---
	Ant2	5500	31.04	5484.08	5515.12	---	---
	Ant1	5580	21.04	5569.64	5590.68	---	---
	Ant2	5580	28.92	5565.56	5594.48	---	---
	Ant1	5720	20.40	5709.76	5730.16	---	---
	Ant2	5720	22.32	5709.64	5731.96	---	---
	Ant1	5720_UNII-2C	15.24	5709.76	5725	---	---
	Ant2	5720_UNII-2C	15.36	5709.64	5725	---	---
	Ant1	5720_UNII-3	5.16	5725	5730.16	---	---
	Ant2	5720_UNII-3	6.96	5725	5731.96	---	---
11AC40MIMO	Ant1	5190	54.96	5162.48	5217.44	---	---
	Ant2	5190	69.92	5154.16	5224.08	---	---
	Ant1	5230	67.28	5195.76	5263.04	---	---
	Ant2	5230	68.16	5195.84	5264.00	---	---
	Ant1	5270	64.24	5239.36	5303.60	---	---
	Ant2	5270	64.32	5236.80	5301.12	---	---
	Ant1	5310	62.80	5276.96	5339.76	---	---
	Ant2	5310	61.68	5277.20	5338.88	---	---
	Ant1	5510	67.68	5476.96	5544.64	---	---
	Ant2	5510	73.92	5471.60	5545.52	---	---
	Ant1	5550	55.52	5522.24	5577.76	---	---
	Ant2	5550	55.36	5522.40	5577.76	---	---
	Ant1	5710	48.32	5689.36	5737.68	---	---
	Ant2	5710	48.96	5688.72	5737.68	---	---
	Ant1	5710_UNII-2C	35.64	5689.36	5725	---	---
	Ant2	5710_UNII-2C	36.28	5688.72	5725	---	---
	Ant1	5710_UNII-3	12.68	5725	5737.68	---	---
	Ant2	5710_UNII-3	12.68	5725	5737.68	---	---
11AC80MIMO	Ant1	5210	108.96	5145.52	5254.48	---	---
	Ant2	5210	130.88	5148.88	5279.76	---	---
	Ant1	5290	123.36	5223.60	5346.96	---	---
	Ant2	5290	138.24	5218.16	5356.40	---	---
	Ant1	5530	107.04	5471.28	5578.32	---	---
	Ant2	5530	134.72	5452.72	5587.44	---	---
	Ant1	5610	117.44	5545.52	5662.96	---	---

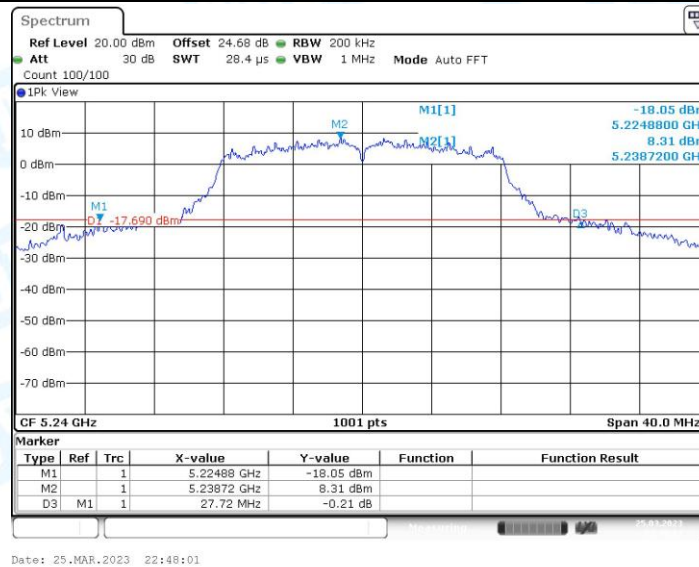
Ant2	5610	121.76	5544.72	5666.48	---	---
Ant1	5690	93.60	5637.04	5730.64	---	---
Ant2	5690	84.64	5649.84	5734.48	---	---
Ant1	5690_UNII-2C	87.96	5637.04	5725	---	---
Ant2	5690_UNII-2C	75.16	5649.84	5725	---	---
Ant1	5690_UNII-3	5.64	5725	5730.64	---	---
Ant2	5690_UNII-3	9.48	5725	5734.48	---	---

2.1. Test Graphs

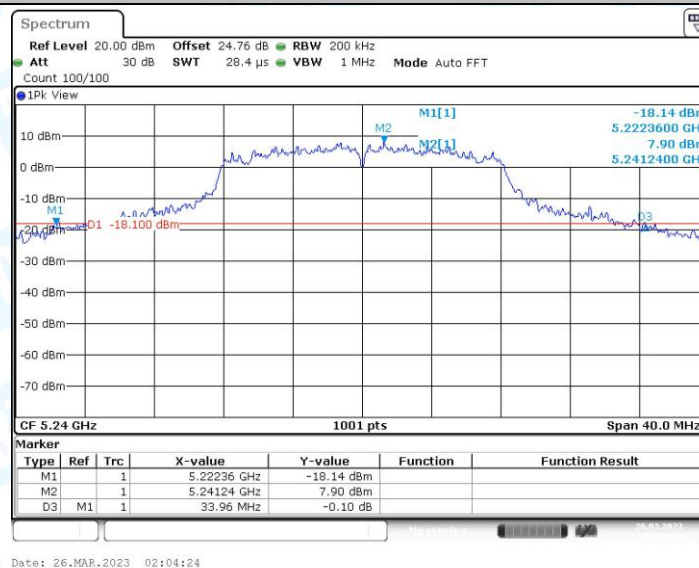




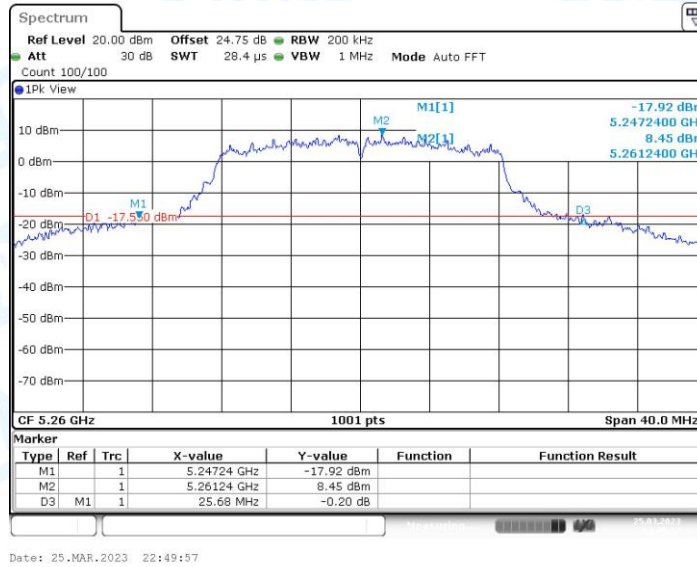
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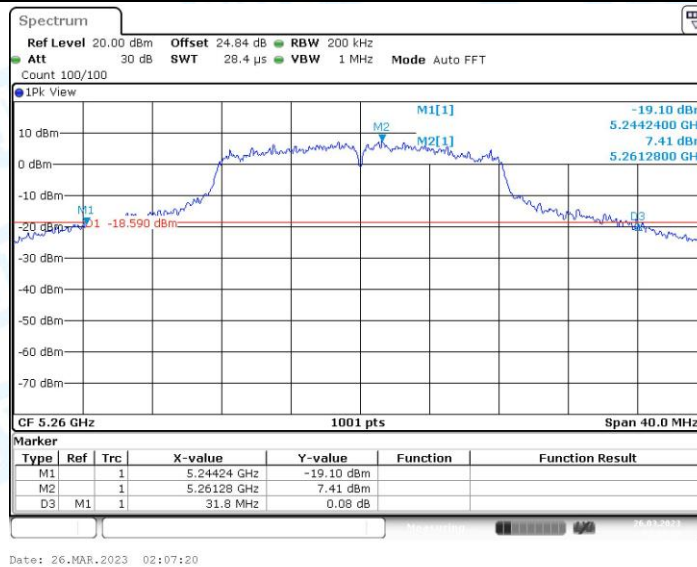
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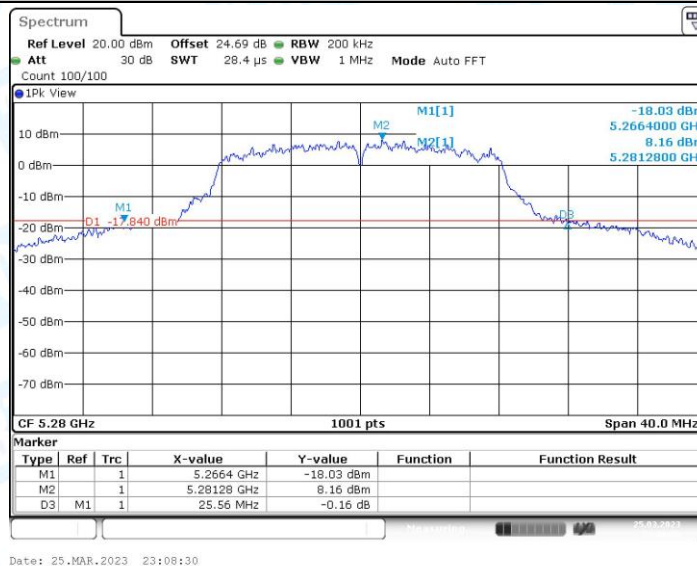
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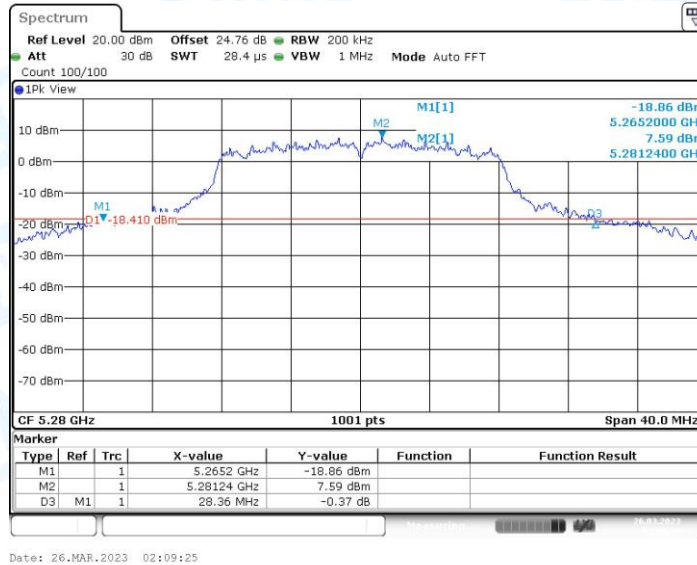
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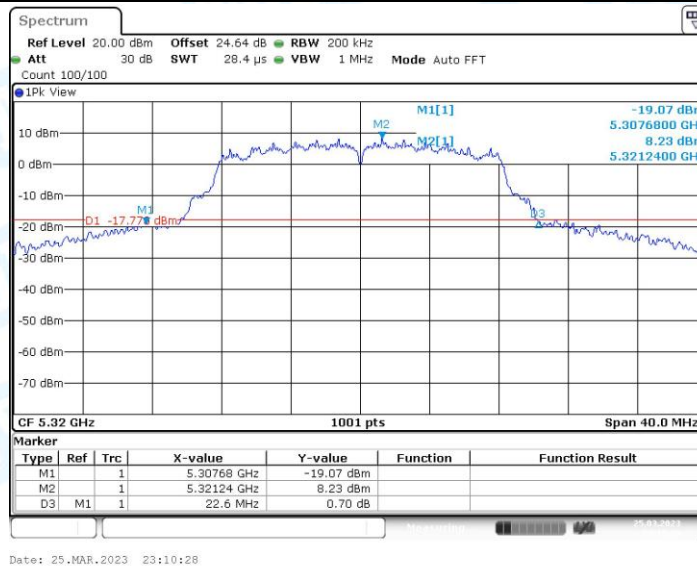
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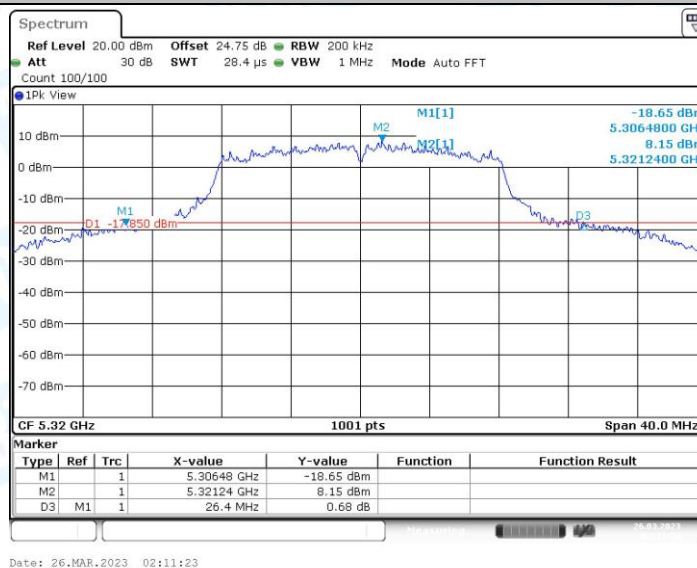
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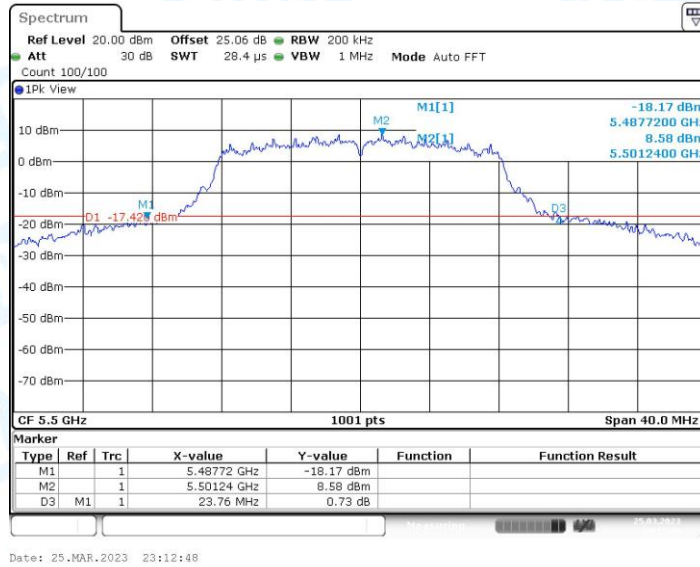
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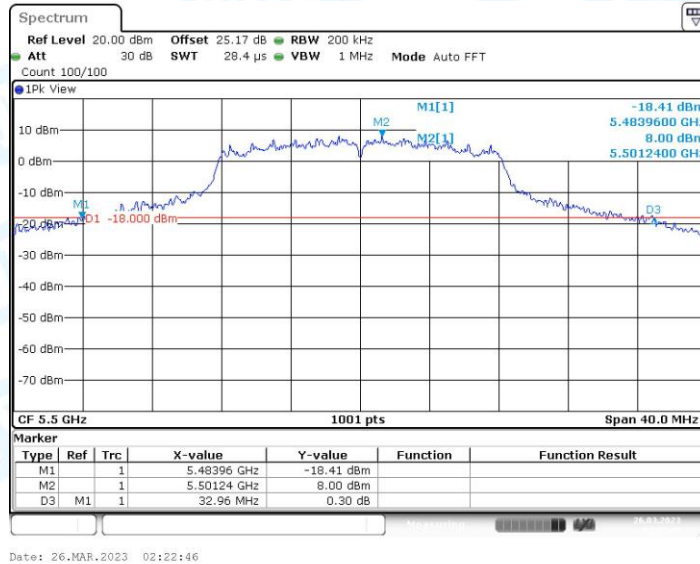
11A_Ant2_5320



11A_Ant1_5500



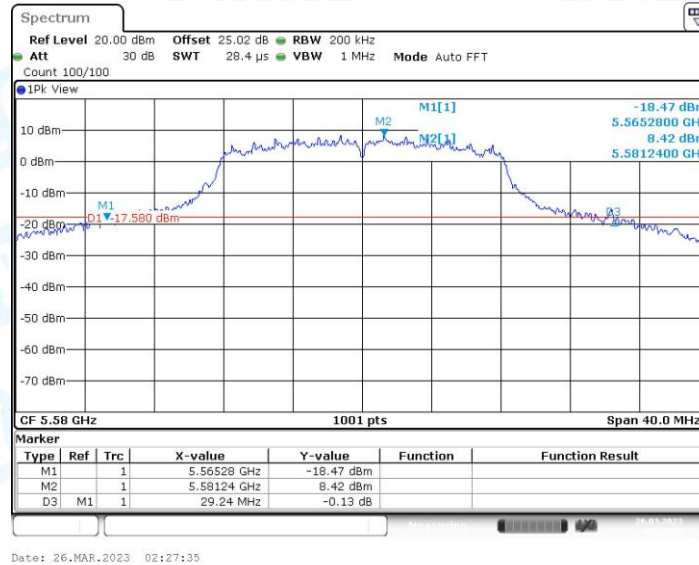
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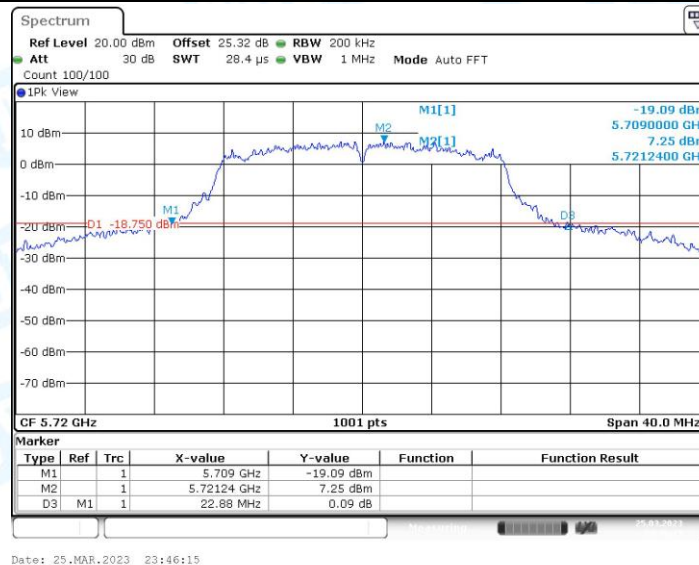
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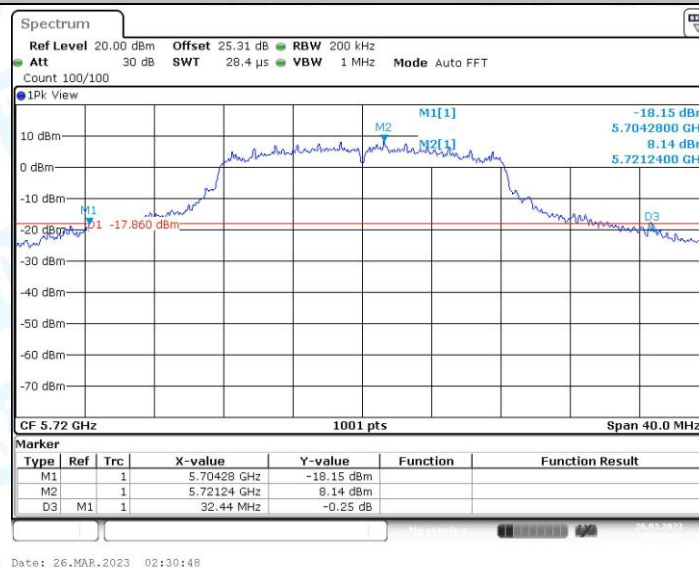
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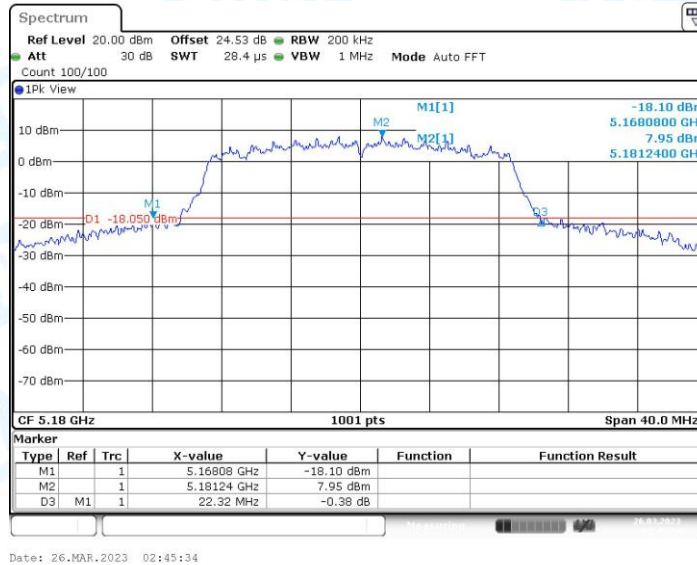
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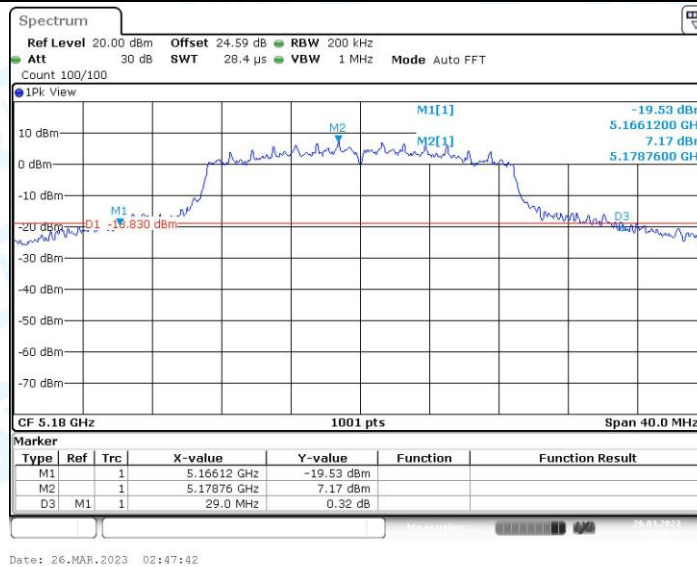
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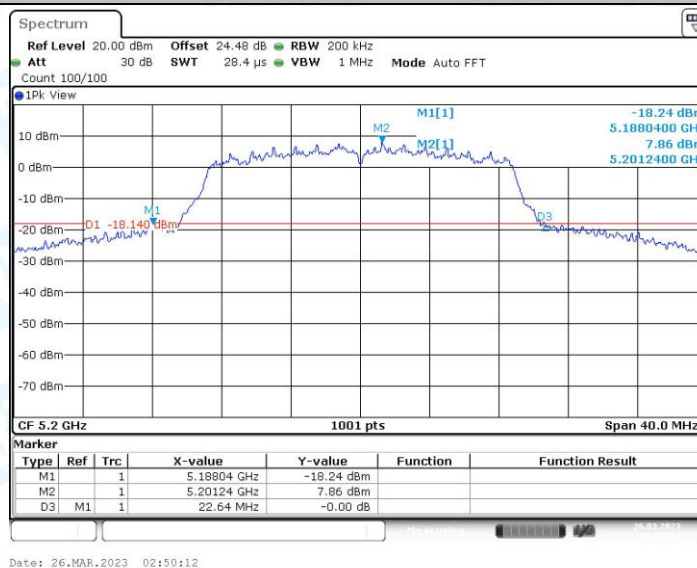
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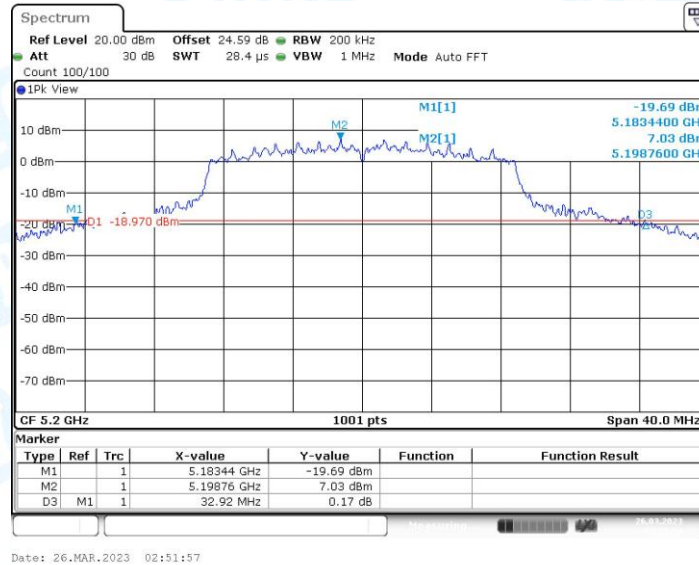
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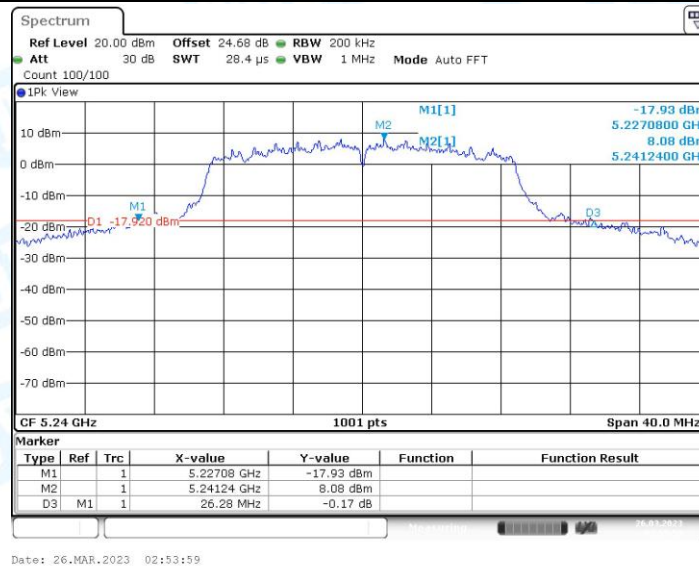
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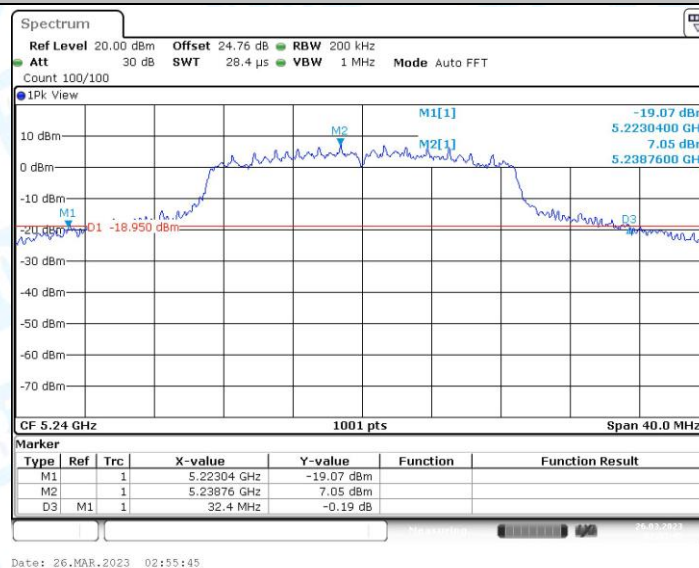
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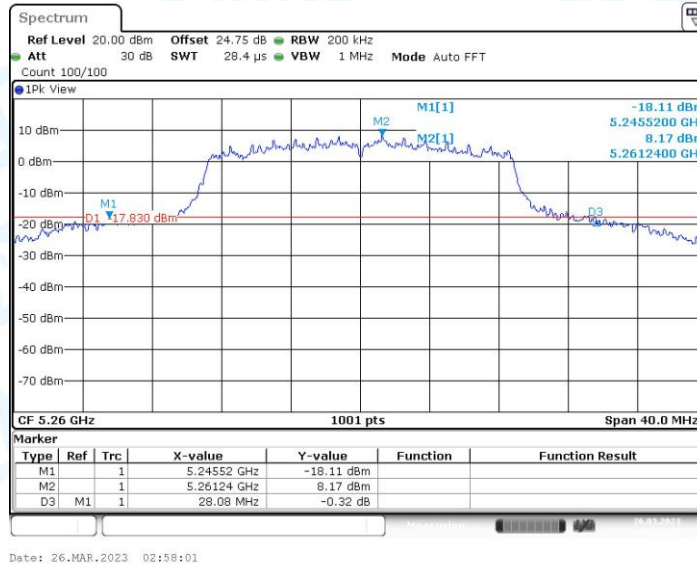
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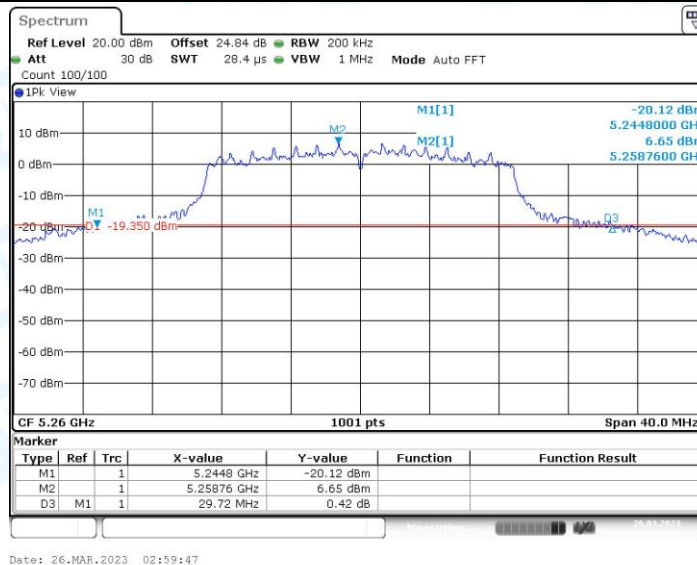
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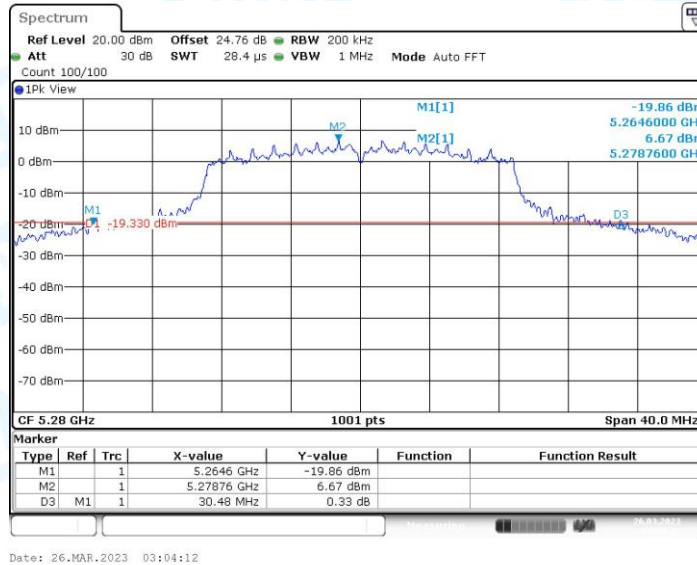
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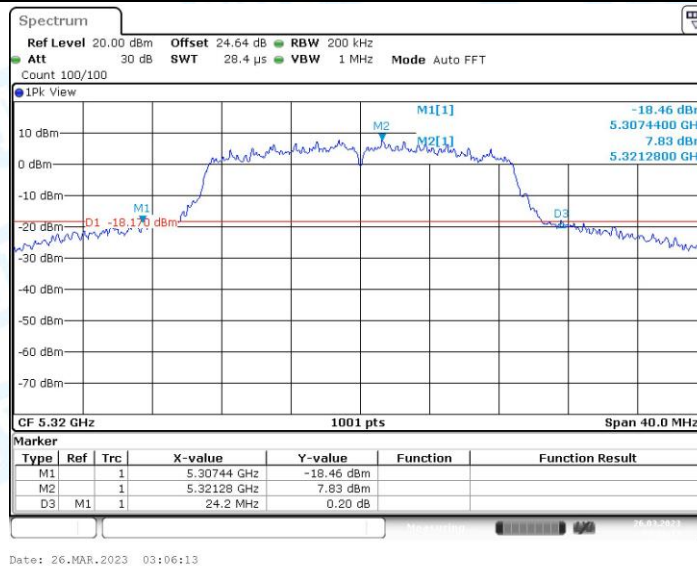
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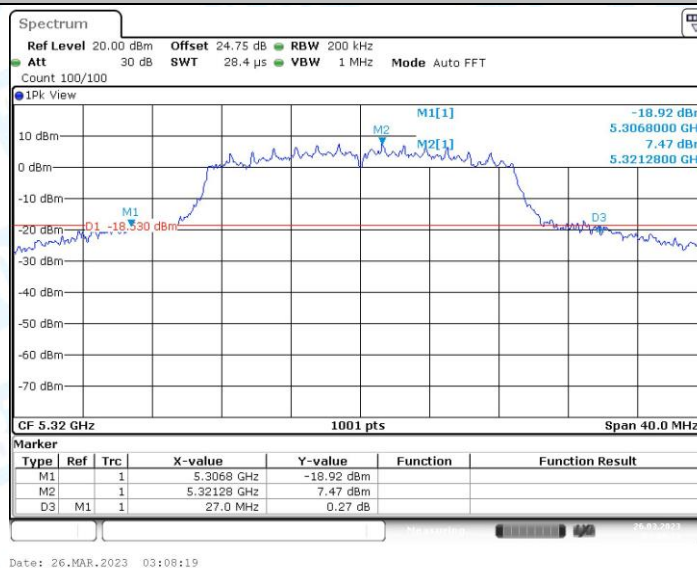
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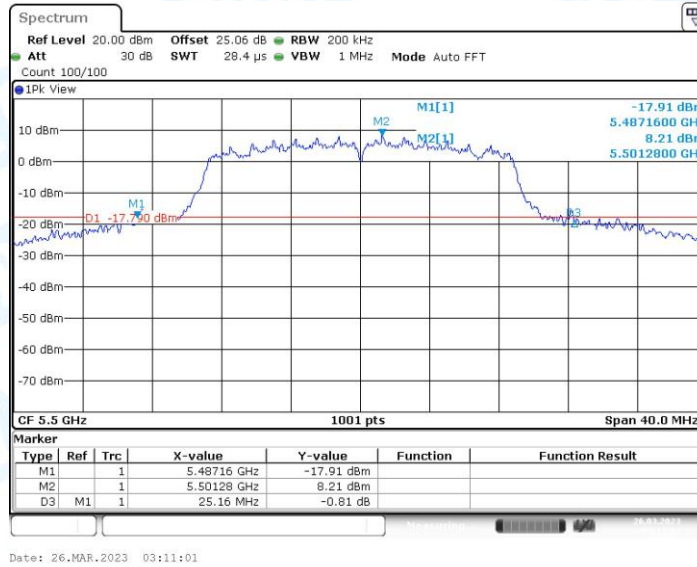
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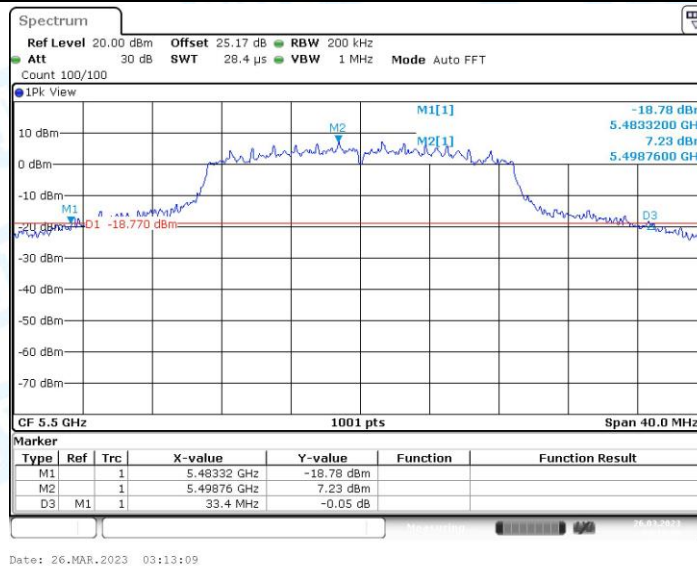
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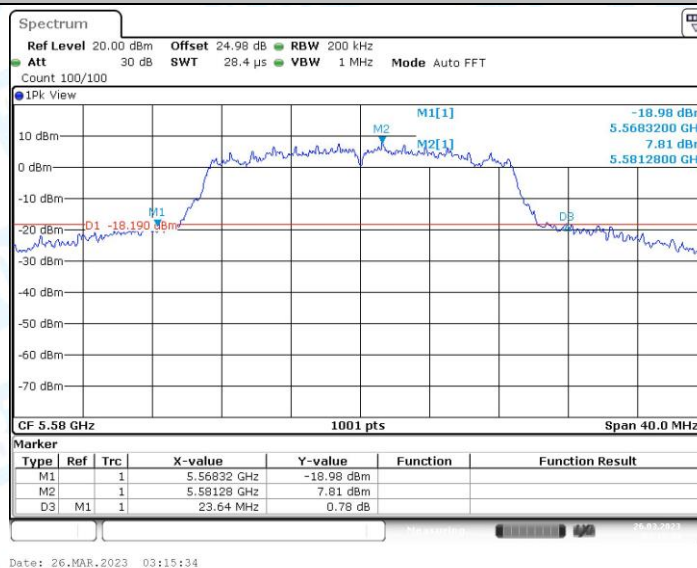
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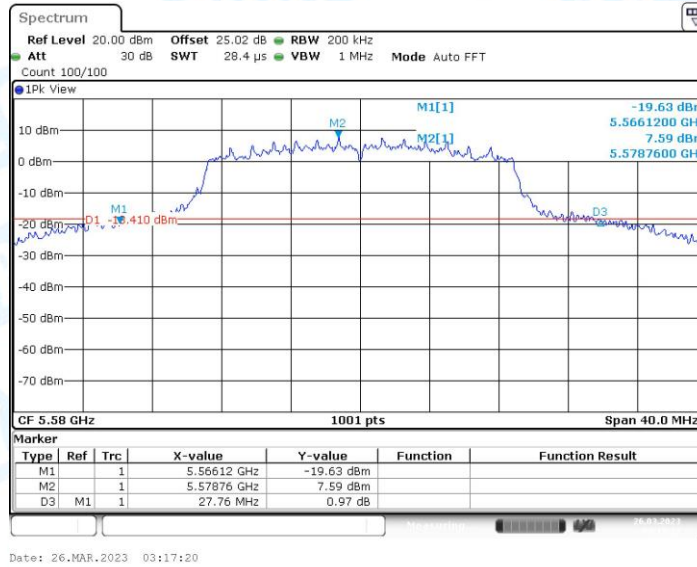
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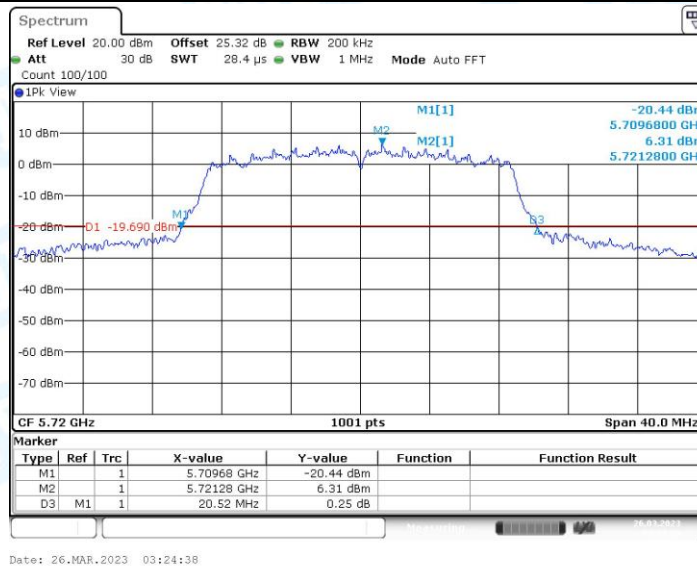
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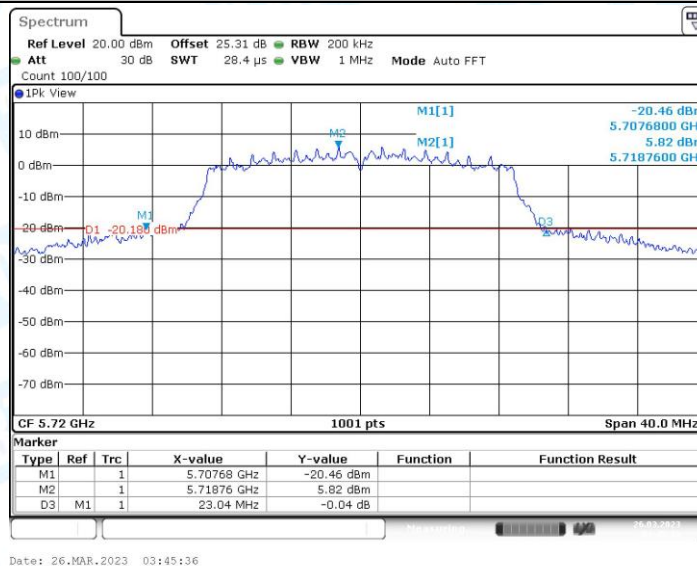
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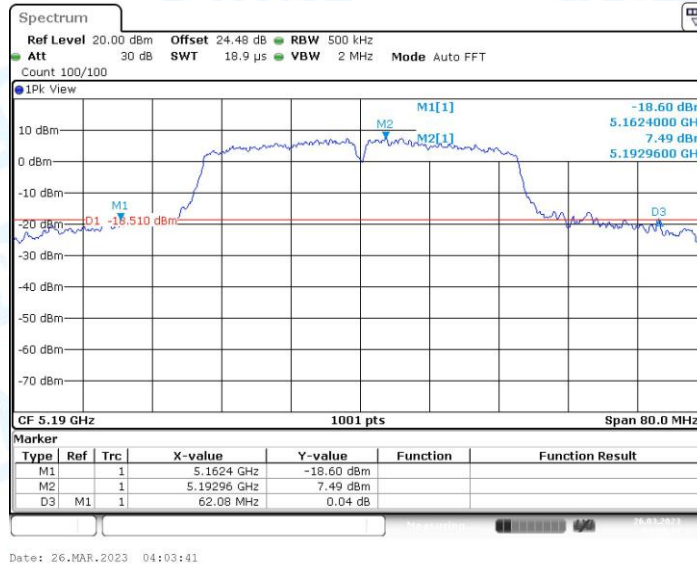
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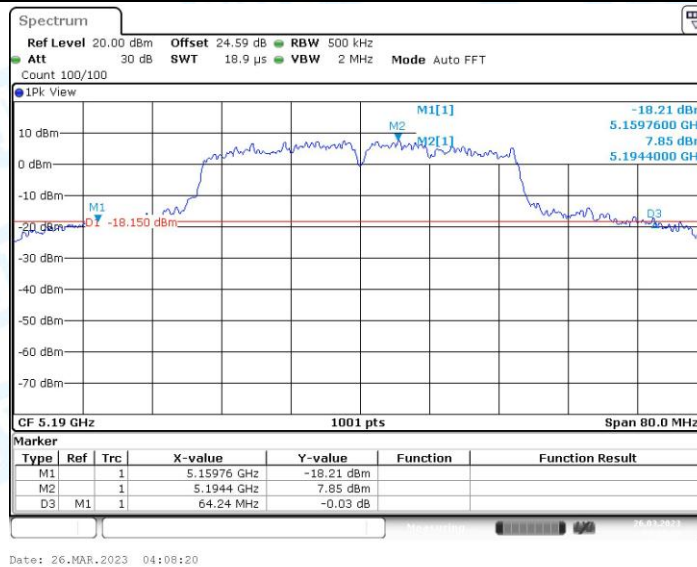
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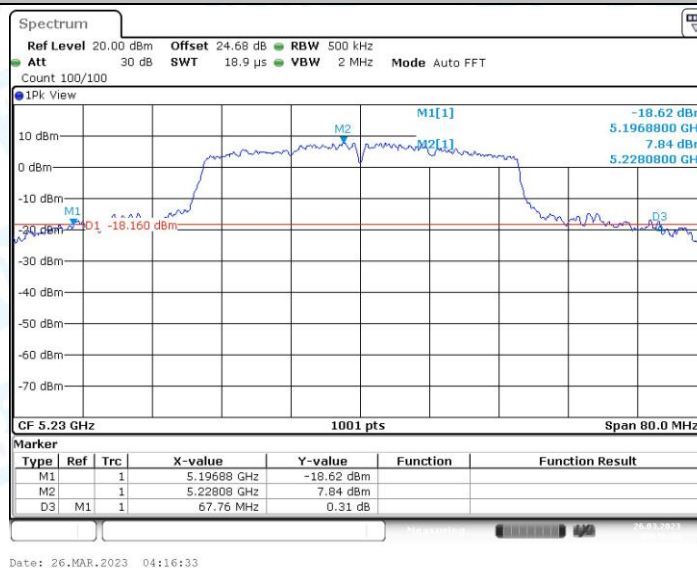
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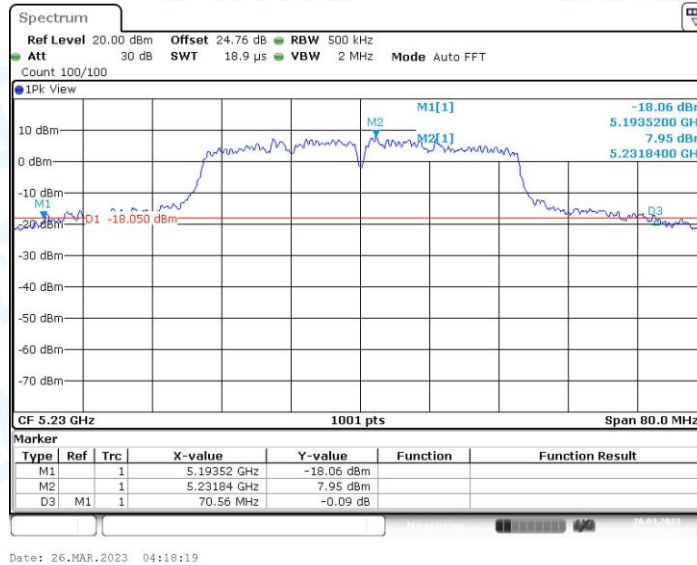
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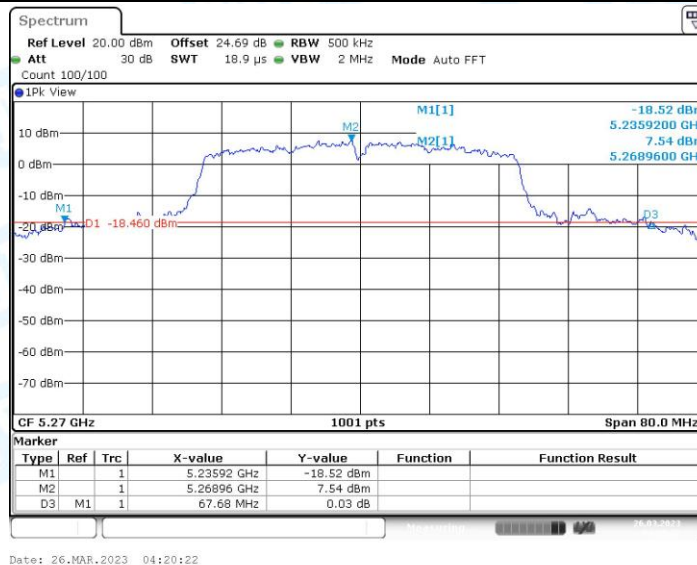
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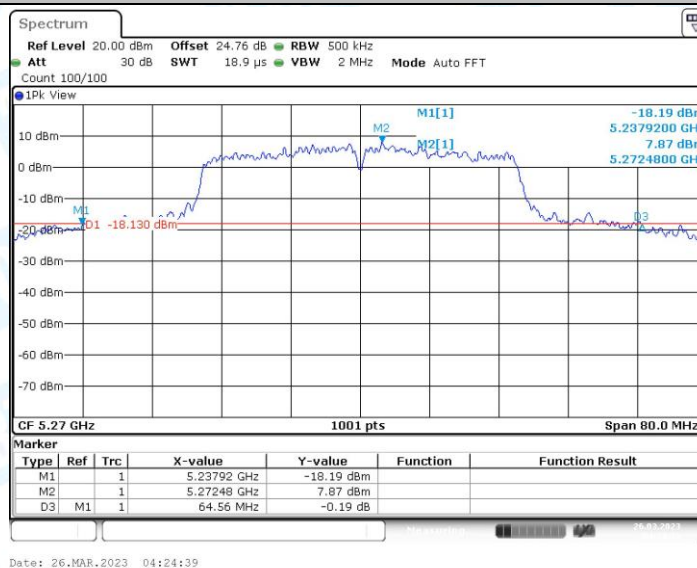
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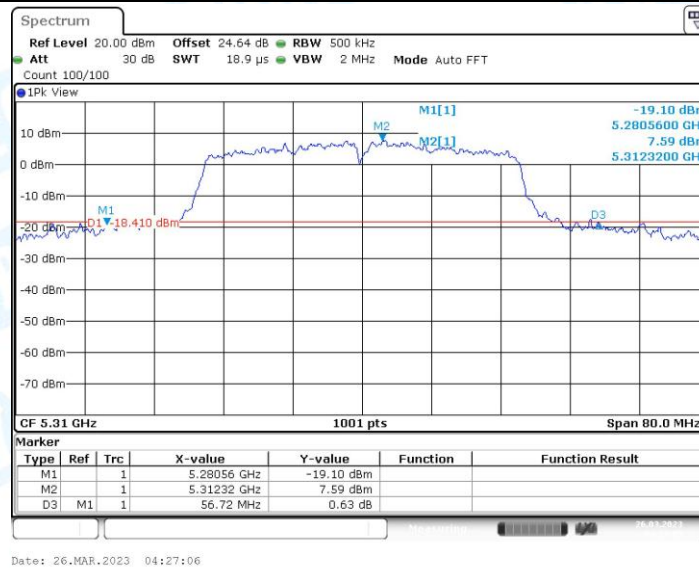
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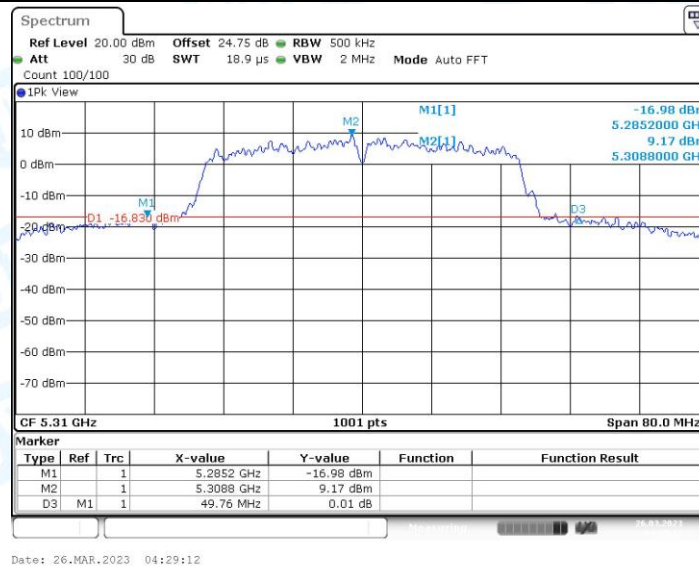
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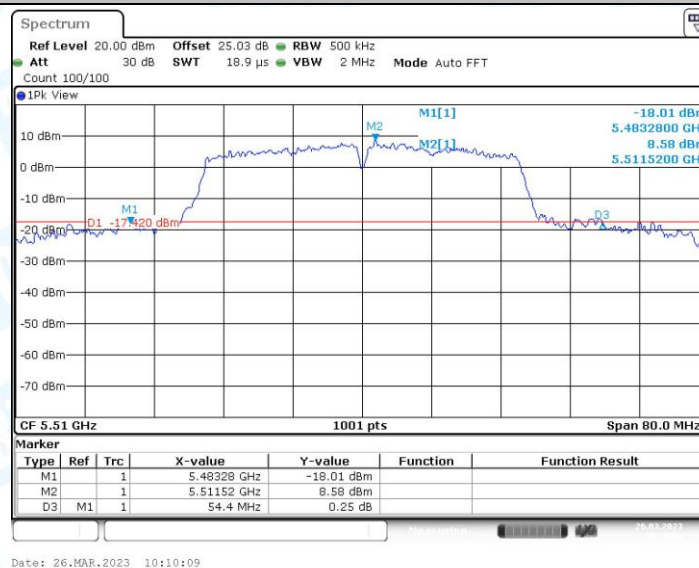
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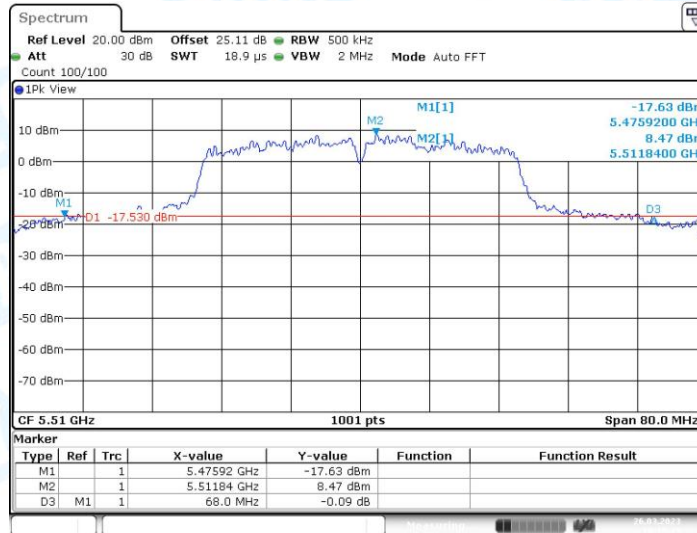
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11N40MIMO_Ant1_5510

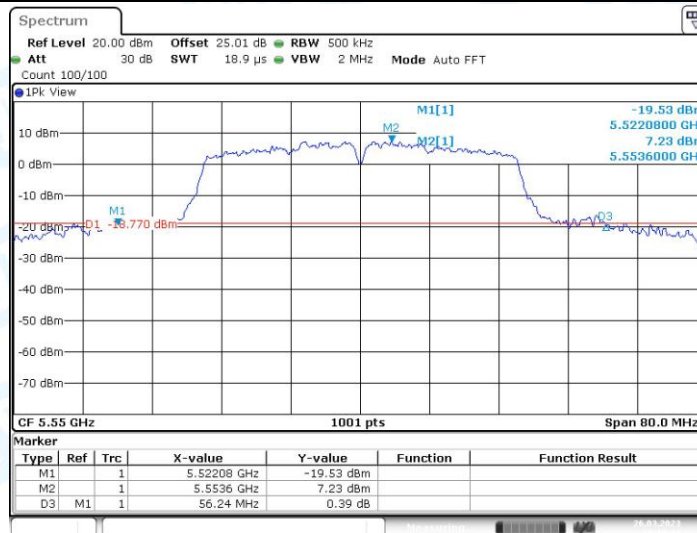


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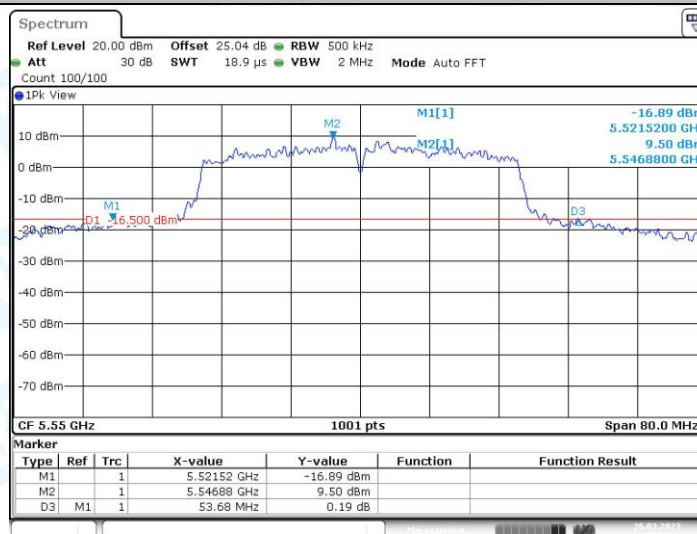
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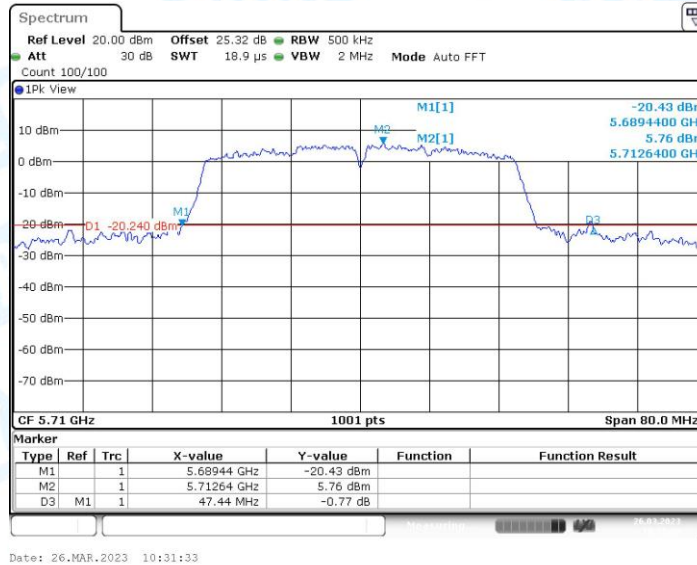
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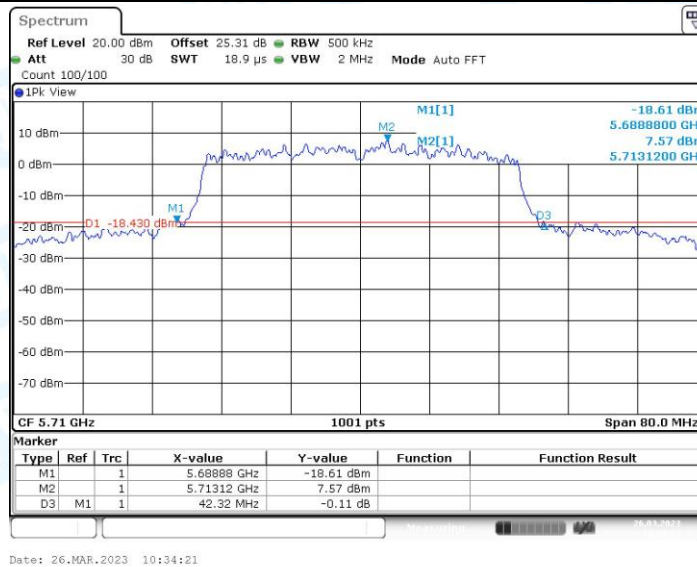


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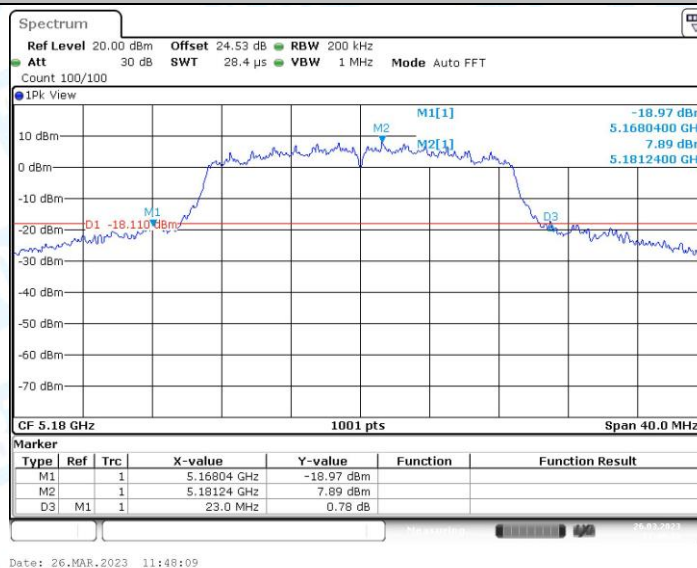
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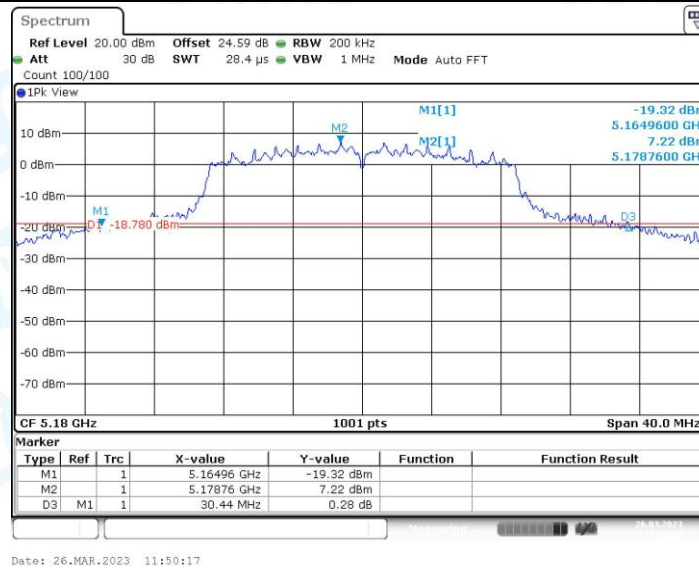
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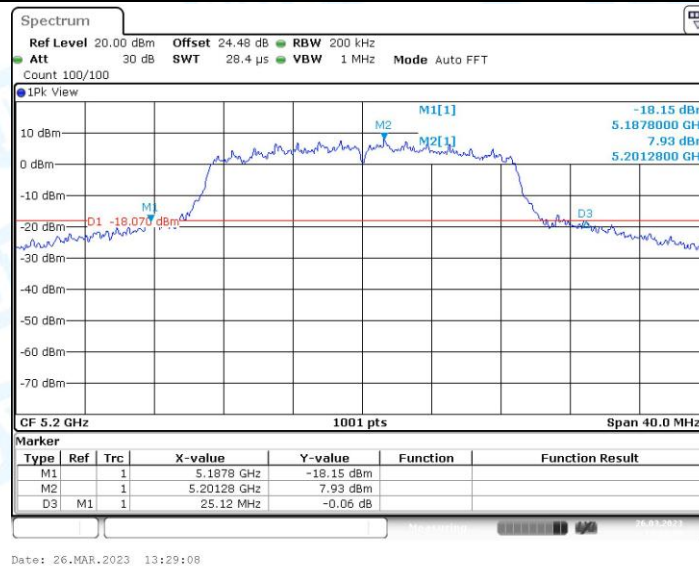
11AC20MIMO_Ant1_5180



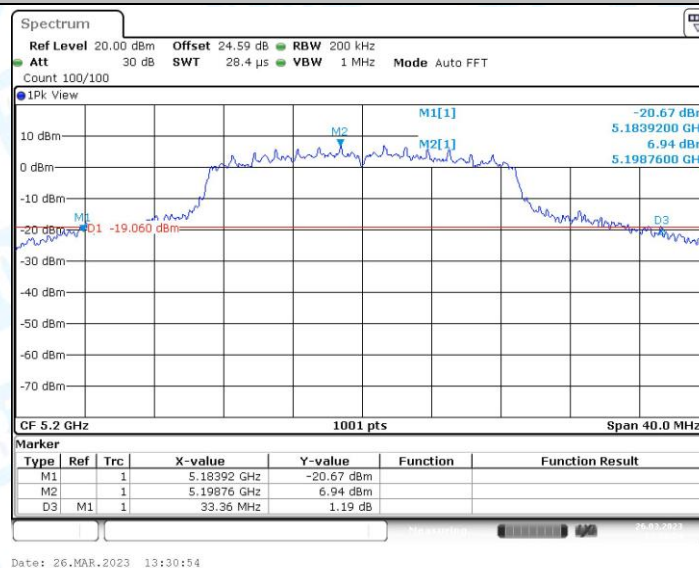
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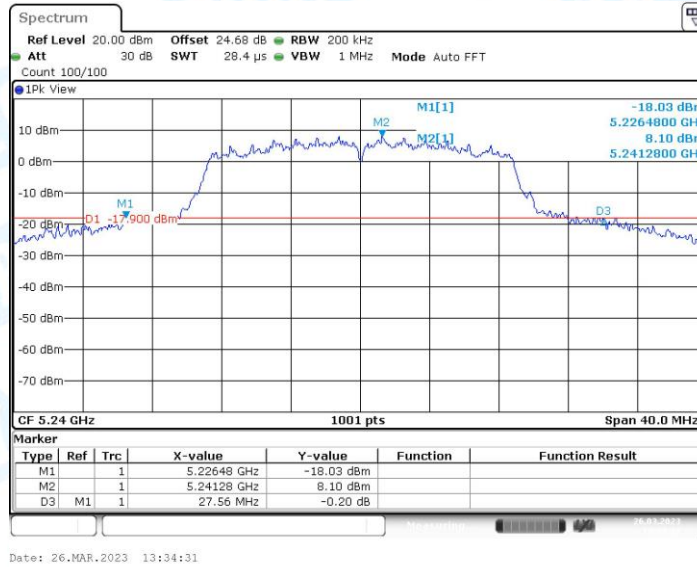
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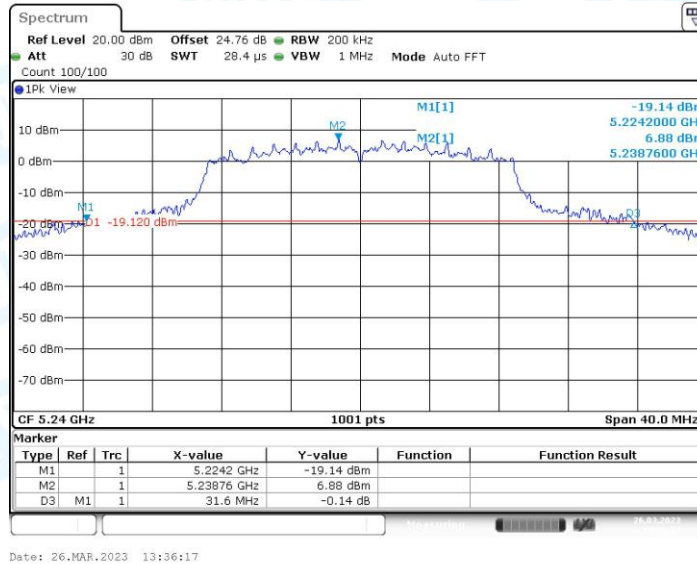
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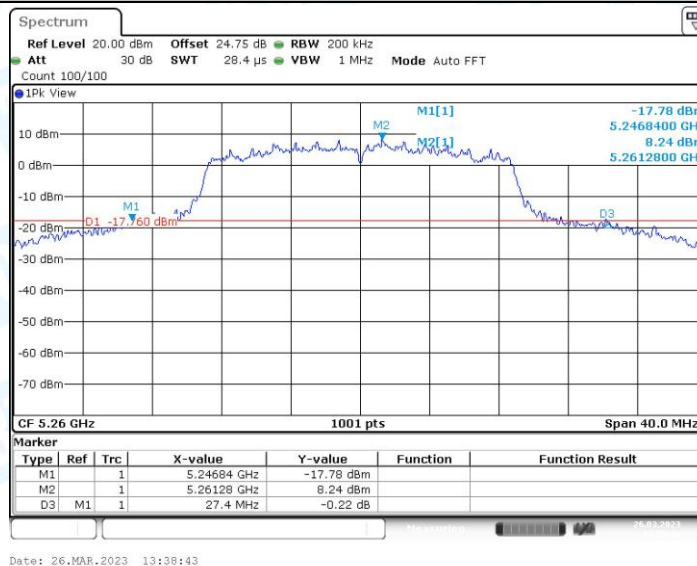
11AC20MIMO_Ant1_5240



11AC20MIMO_Ant2_5240



11AC20MIMO_Ant1_5260



11AC20MIMO_Ant2_5260