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

General Description of EUT	
Product Name:	TV DECODER
Test Model:	VIP7300
Sample ID:	202202-0006-4-1#
Environmental Conditions	
Temperature:	23.2℃
Relative Humidity:	41%
Test Voltage:	DC 12V
Test Engineer:	Jianping Huang
Note: For a more detailed features description, please refer to the report TBR-C-202202-0006-43. The report only show the worst case data.	

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1. Emission Bandwidth

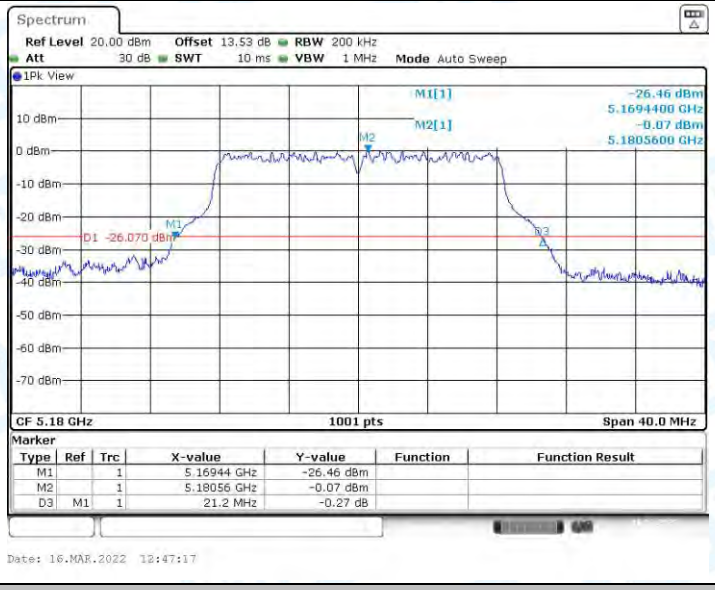
1.1.Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.20	5169.44	5190.64	---	---
	Ant2	5180	21.36	5169.28	5190.64	---	---
	Ant1	5220	21.08	5209.44	5230.52	---	---
	Ant2	5220	21.40	5209.24	5230.64	---	---
	Ant1	5240	21.24	5229.44	5250.68	---	---
	Ant2	5240	21.36	5229.28	5250.64	---	---
	Ant1	5260	21.36	5249.36	5270.72	---	---
	Ant2	5260	21.36	5249.28	5270.64	---	---
	Ant1	5300	21.00	5289.60	5310.60	---	---
	Ant2	5300	21.40	5289.24	5310.64	---	---
	Ant1	5320	21.44	5309.28	5330.72	---	---
	Ant2	5320	21.40	5309.24	5330.64	---	---
	Ant1	5500	21.40	5489.32	5510.72	---	---
	Ant2	5500	21.56	5489.16	5510.72	---	---
	Ant1	5580	20.80	5569.60	5590.40	---	---
	Ant2	5580	21.44	5569.28	5590.72	---	
	Ant1	5700	21.40	5689.32	5710.72	---	---
	Ant2	5700	21.44	5689.20	5710.64	---	---
11N20MIMO	Ant1	5180	25.20	5165.80	5191.00	---	---
	Ant2	5180	21.44	5169.32	5190.76	---	---
	Ant1	5220	21.56	5209.28	5230.84	---	---
	Ant2	5220	21.36	5209.32	5230.68	---	---
	Ant1	5240	21.68	5229.28	5250.96	---	---
	Ant2	5240	21.56	5229.20	5250.76	---	---
	Ant1	5260	21.44	5249.32	5270.76	---	---
	Ant2	5260	21.56	5249.24	5270.80	---	---
	Ant1	5300	21.40	5289.32	5310.72	---	---
	Ant2	5300	21.76	5289.16	5310.92	---	---
	Ant1	5320	21.48	5309.28	5330.76	---	---
	Ant2	5320	21.68	5309.24	5330.92	---	---
	Ant1	5500	21.52	5489.36	5510.88	---	---
	Ant2	5500	21.56	5489.24	5510.80	---	---
	Ant1	5580	21.76	5569.24	5591.00	---	---
	Ant2	5580	22.20	5568.64	5590.84	---	---
	Ant1	5700	21.40	5689.28	5710.68	---	---
	Ant2	5700	21.48	5689.20	5710.68	---	---
11N40MIMO	Ant1	5190	40.24	5170.08	5210.32	---	---
	Ant2	5190	40.16	5170.00	5210.16	---	---
	Ant1	5230	40.40	5209.84	5250.24	---	---
	Ant2	5230	40.08	5210.00	5250.08	---	---
	Ant1	5270	40.08	5250.00	5290.08	---	---
	Ant2	5270	40.16	5250.00	5290.16	---	---
	Ant1	5310	40.08	5290.08	5330.16	---	---
	Ant2	5310	40.08	5289.92	5330.00	---	---
	Ant1	5510	40.16	5490.00	5530.16	---	---
	Ant2	5510	40.24	5490.00	5530.24	---	---
	Ant1	5550	40.00	5530.16	5570.16	---	---
	Ant2	5550	40.16	5530.00	5570.16	---	---
	Ant1	5670	40.16	5649.92	5690.08	---	---
	Ant2	5670	40.16	5650.00	5690.16	---	---
11AC20MIMO	Ant1	5180	21.44	5169.32	5190.76	---	---
	Ant2	5180	21.80	5169.16	5190.96	---	---
	Ant1	5220	21.64	5209.20	5230.84	---	---

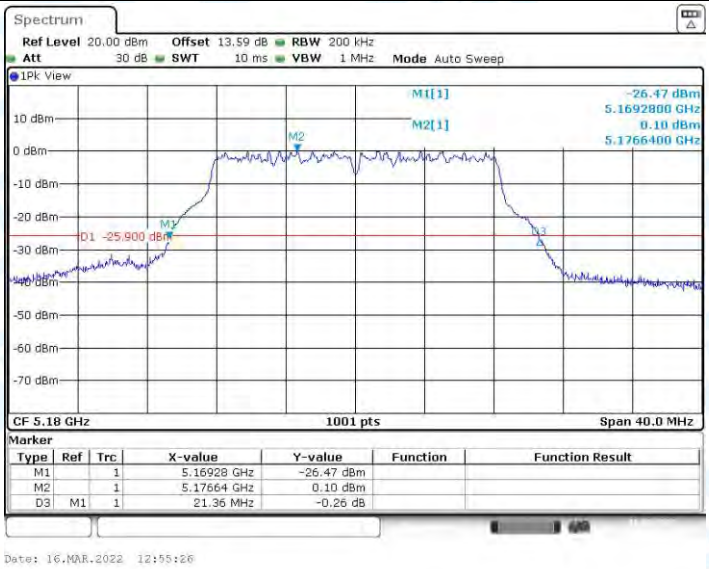
	Ant2	5220	21.36	5209.36	5230.72	---	---
	Ant1	5240	21.60	5229.24	5250.84	---	---
	Ant2	5240	21.60	5229.20	5250.80	---	---
	Ant1	5260	21.68	5249.24	5270.92	---	---
	Ant2	5260	21.44	5249.36	5270.80	---	---
	Ant1	5300	21.48	5289.28	5310.76	---	---
	Ant2	5300	24.08	5287.36	5311.44	---	---
	Ant1	5320	21.76	5309.16	5330.92	---	---
	Ant2	5320	21.76	5309.00	5330.76	---	---
	Ant1	5500	21.68	5489.24	5510.92	---	---
	Ant2	5500	21.44	5489.32	5510.76	---	---
	Ant1	5580	21.64	5569.24	5590.88	---	---
	Ant2	5580	26.04	5564.92	5590.96	---	---
	Ant1	5700	21.72	5689.08	5710.80	---	---
	Ant2	5700	21.52	5689.32	5710.84	---	---
11AC40MIMO	Ant1	5190	40.24	5169.84	5210.08	---	---
	Ant2	5190	39.92	5170.08	5210.00	---	---
	Ant1	5230	40.48	5209.68	5250.16	---	---
	Ant2	5230	39.92	5210.08	5250.00	---	---
	Ant1	5270	40.32	5249.84	5290.16	---	---
	Ant2	5270	40.00	5250.00	5290.00	---	---
	Ant1	5310	40.32	5289.92	5330.24	---	---
	Ant2	5310	40.80	5289.12	5329.92	---	---
	Ant1	5510	40.56	5489.84	5530.40	---	---
	Ant2	5510	39.92	5490.08	5530.00	---	---
	Ant1	5550	41.12	5529.60	5570.72	---	---
	Ant2	5550	39.68	5530.24	5569.92	---	---
	Ant1	5670	40.40	5649.76	5690.16	---	---
	Ant2	5670	39.60	5650.32	5689.92	---	---
11AC80MIMO	Ant1	5210	81.92	5169.04	5250.96	---	---
	Ant2	5210	82.24	5169.04	5251.28	---	---
	Ant1	5290	82.24	5249.04	5331.28	---	---
	Ant2	5290	83.68	5247.28	5330.96	---	---
	Ant1	5530	82.08	5489.36	5571.44	---	---
	Ant2	5530	82.40	5489.04	5571.44	---	---
	Ant1	5610	82.08	5569.20	5651.28	---	---
	Ant2	5610	92.64	5560.24	5652.88	---	---
11AX20MIMO	Ant1	5180	22.08	5169.00	5191.08	---	---
	Ant2	5180	21.64	5169.20	5190.84	---	---
	Ant1	5220	21.92	5208.96	5230.88	---	---
	Ant2	5220	21.60	5209.24	5230.84	---	---
	Ant1	5240	21.80	5229.08	5250.88	---	---
	Ant2	5240	21.36	5229.40	5250.76	---	---
	Ant1	5260	21.80	5249.08	5270.88	---	---
	Ant2	5260	21.48	5249.32	5270.80	---	---
	Ant1	5300	21.64	5289.20	5310.84	---	---
	Ant2	5300	21.60	5289.20	5310.80	---	---
	Ant1	5320	21.80	5309.16	5330.96	---	---
	Ant2	5320	21.60	5309.24	5330.84	---	---
	Ant1	5500	21.84	5489.00	5510.84	---	---
	Ant2	5500	21.72	5489.16	5510.88	---	---
	Ant1	5580	21.64	5569.20	5590.84	---	---
	Ant2	5580	21.48	5569.28	5590.76	---	---
	Ant1	5700	22.20	5688.68	5710.88	---	---
	Ant2	5700	21.36	5689.28	5710.64	---	---
11AX40MIMO	Ant1	5190	40.80	5169.60	5210.40	---	---
	Ant2	5190	40.24	5170.00	5210.24	---	---
	Ant1	5230	40.72	5209.68	5250.40	---	---
	Ant2	5230	40.32	5209.84	5250.16	---	---

	Ant1	5270	40.48	5249.84	5290.32	---	---
	Ant2	5270	40.40	5249.84	5290.24	---	---
	Ant1	5310	40.72	5289.76	5330.48	---	---
	Ant2	5310	40.48	5289.76	5330.24	---	---
	Ant1	5510	40.64	5489.68	5530.32	---	---
	Ant2	5510	40.32	5489.92	5530.24	---	---
	Ant1	5550	40.48	5529.76	5570.24	---	---
	Ant2	5550	40.24	5530.00	5570.24	---	---
	Ant1	5670	40.64	5649.68	5690.32	---	---
	Ant2	5670	40.80	5649.60	5690.40	---	---
11AX80MIMO	Ant1	5210	82.40	5168.56	5250.96	---	---
	Ant2	5210	82.24	5169.04	5251.28	---	---
	Ant1	5290	82.56	5248.88	5331.44	---	---
	Ant2	5290	82.40	5249.20	5331.60	---	---
	Ant1	5530	81.60	5489.36	5570.96	---	---
	Ant2	5530	82.08	5489.04	5571.12	---	---
	Ant1	5610	82.24	5568.88	5651.12	---	---
	Ant2	5610	82.24	5569.20	5651.44	---	---

2.1.Test Graphs



11A_Ant1_5180



11A_Ant2_5180

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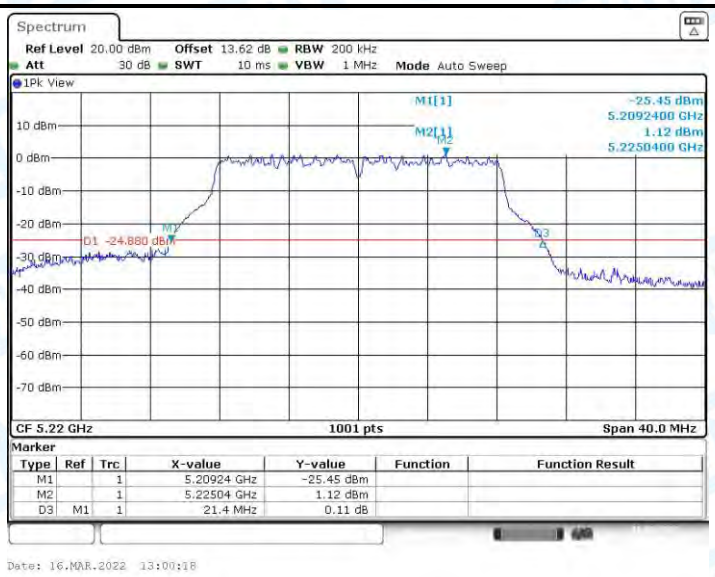

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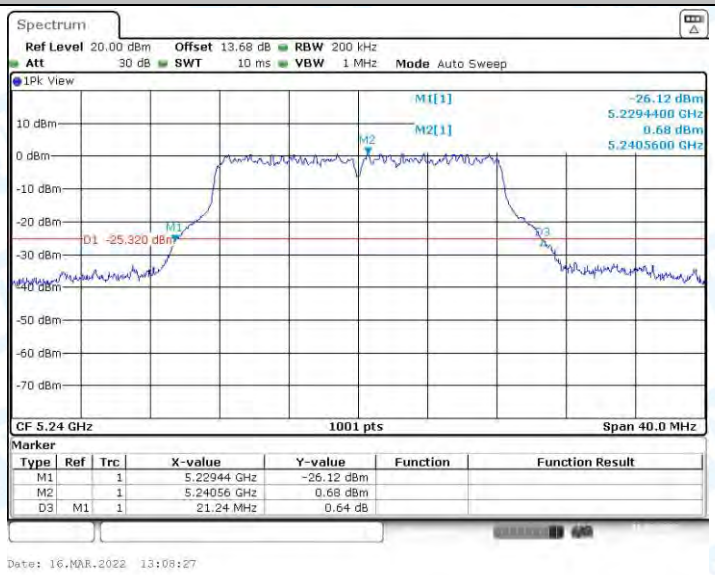

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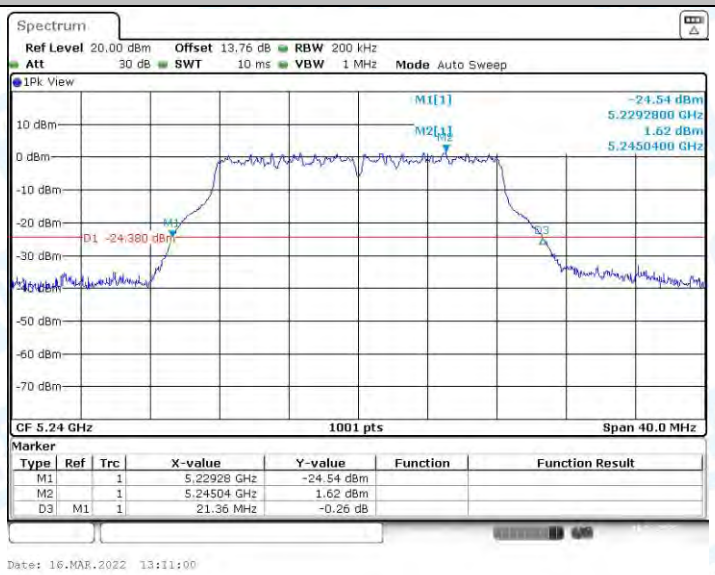

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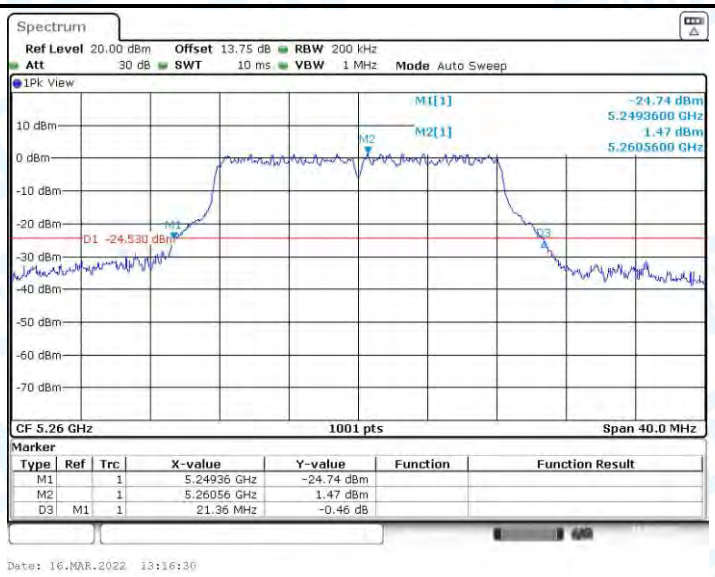

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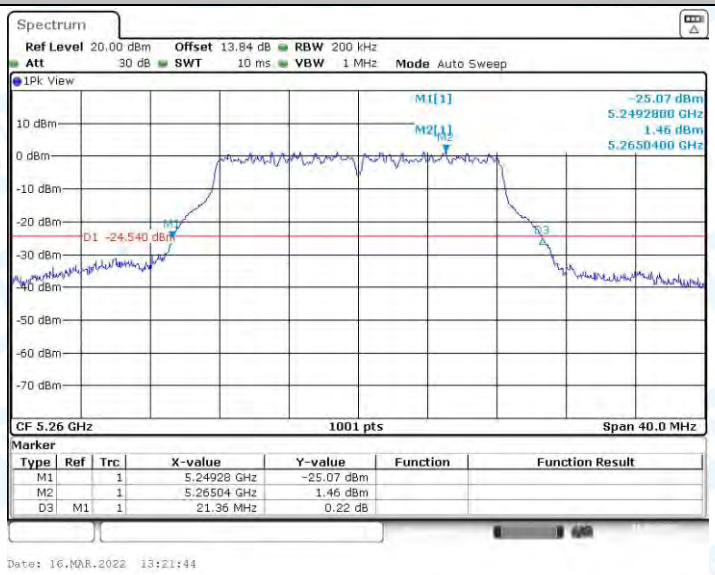

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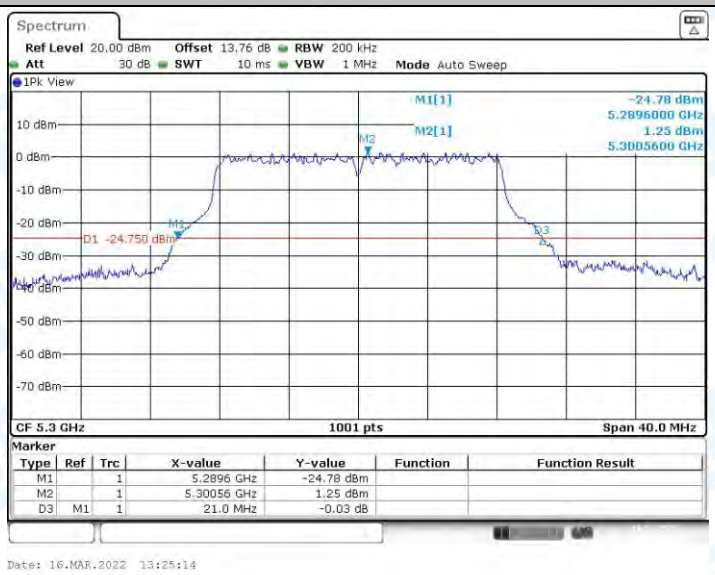

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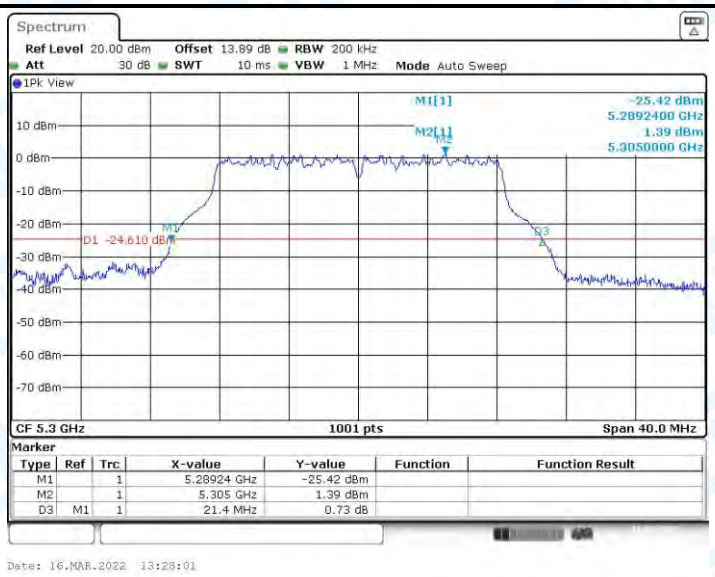

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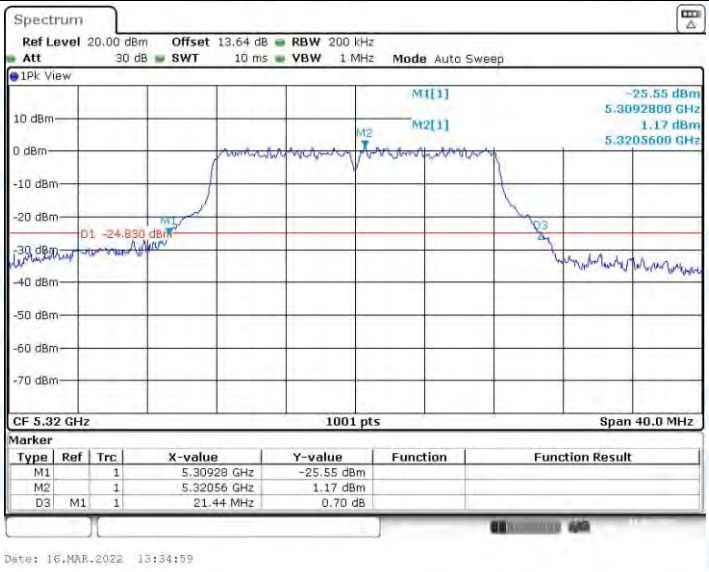

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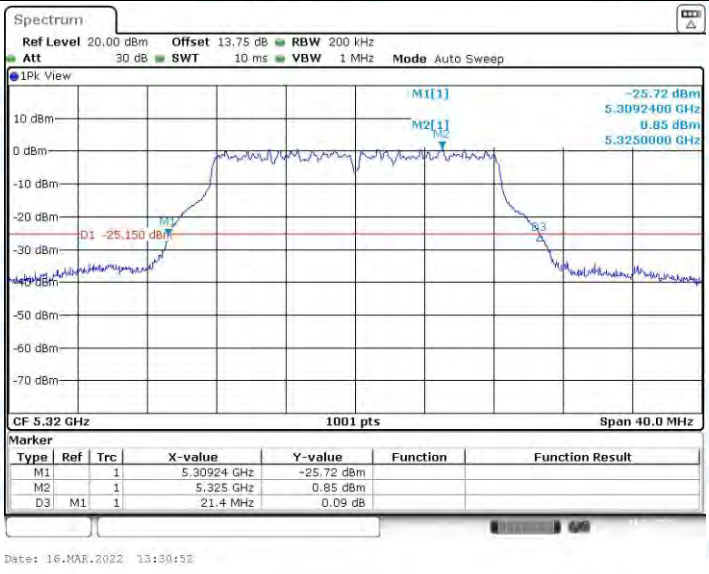

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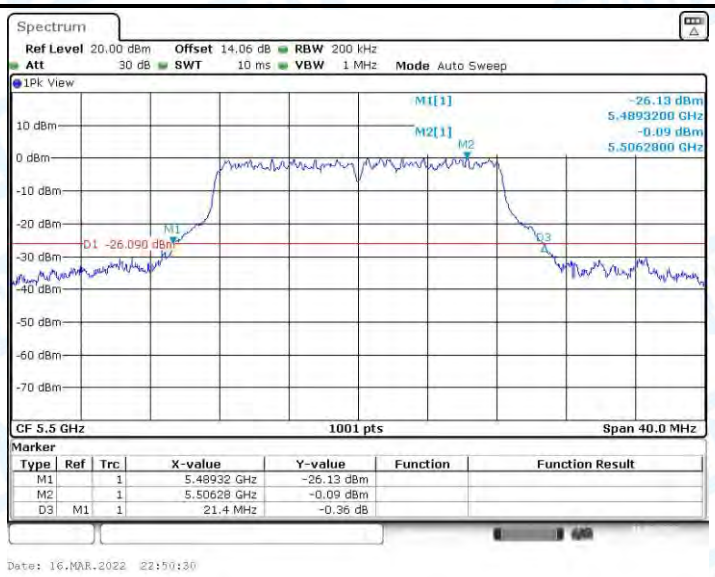

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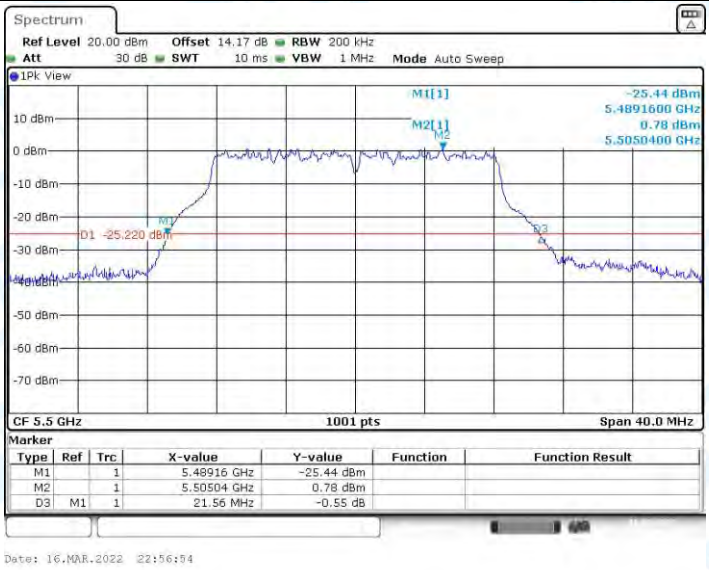

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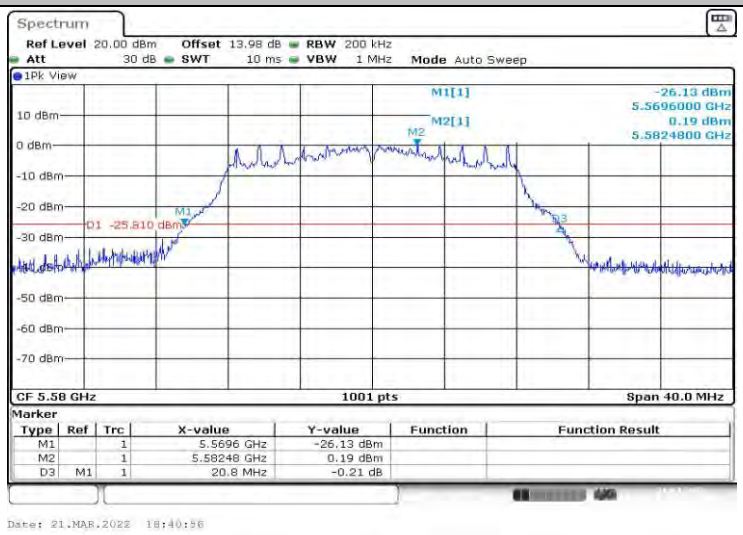

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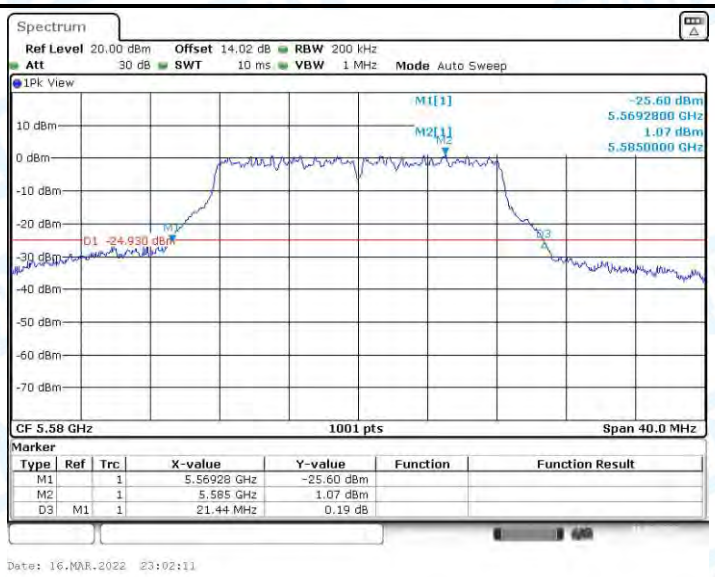

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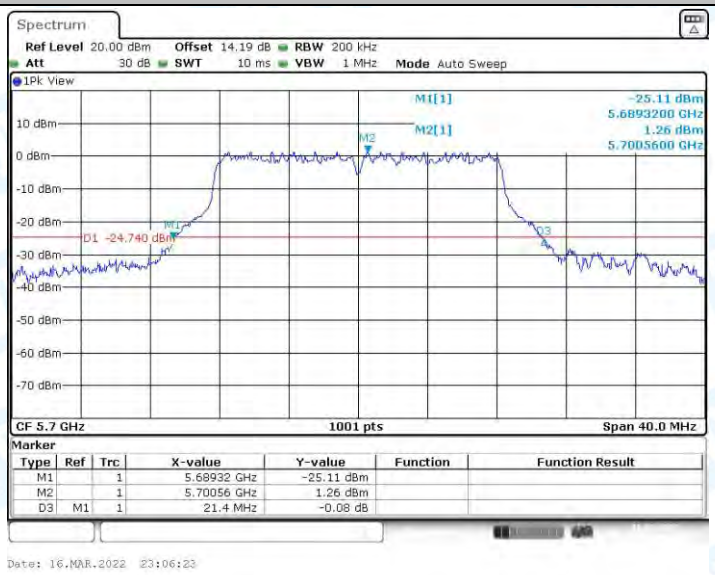

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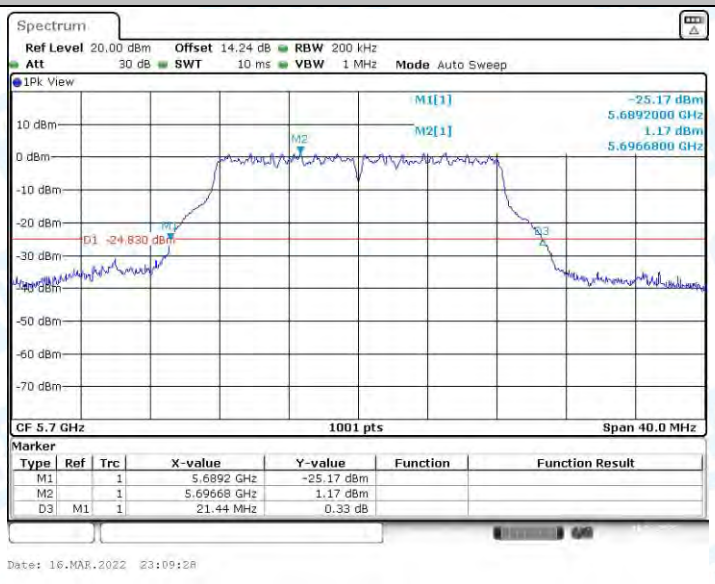

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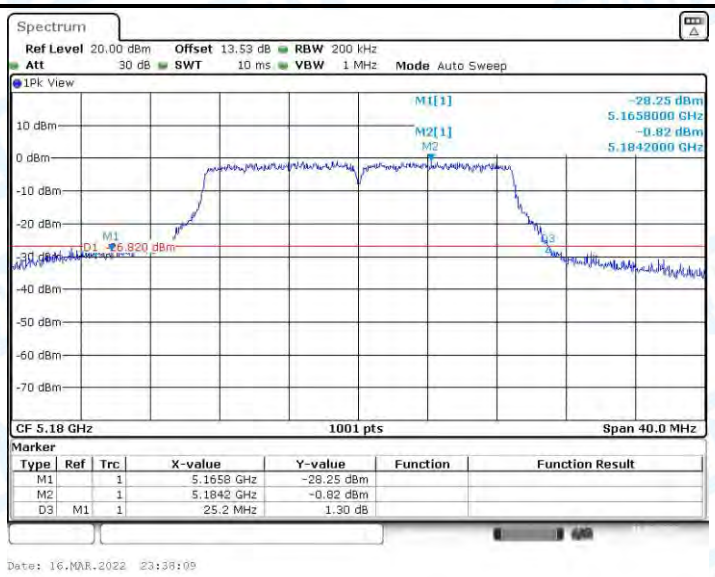

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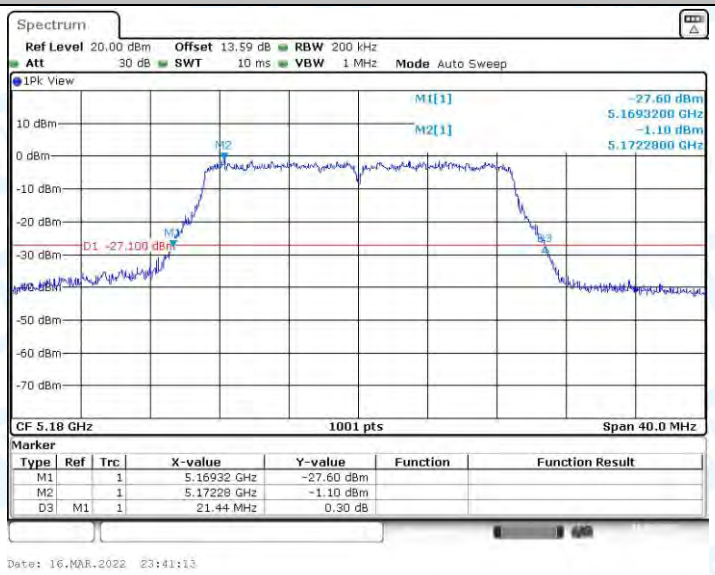

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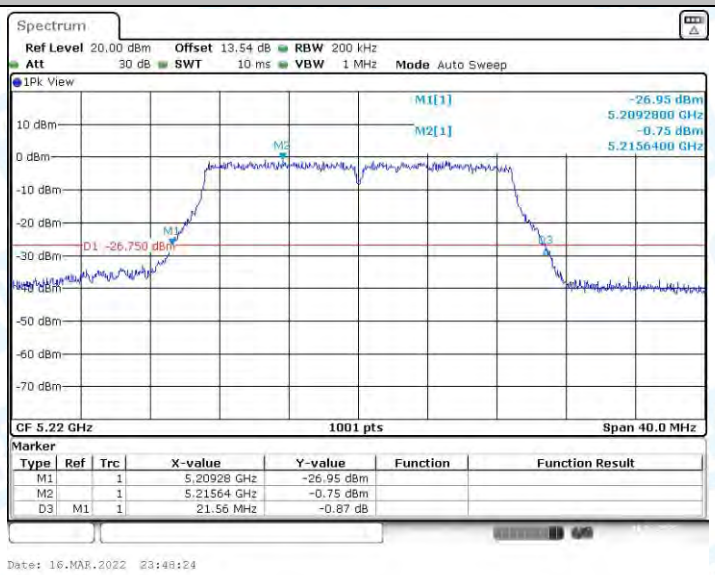

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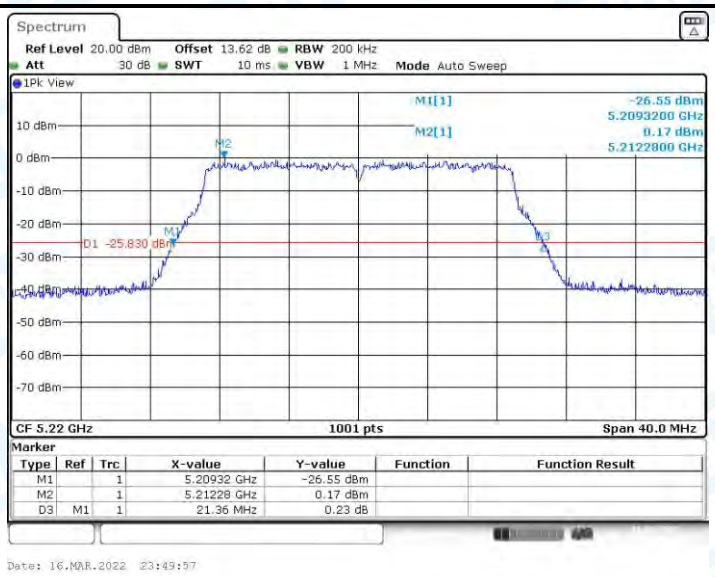

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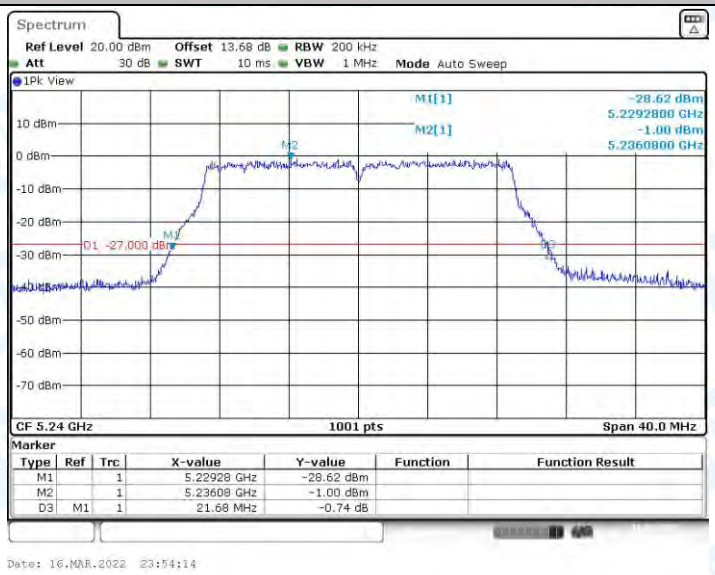

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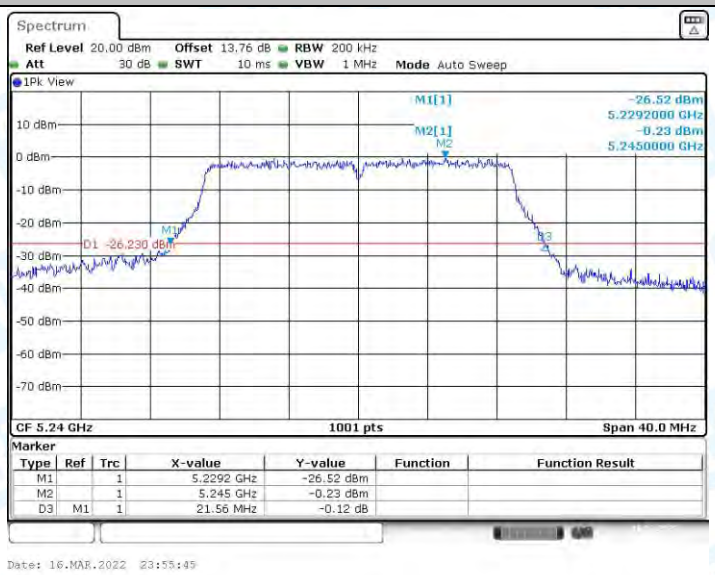

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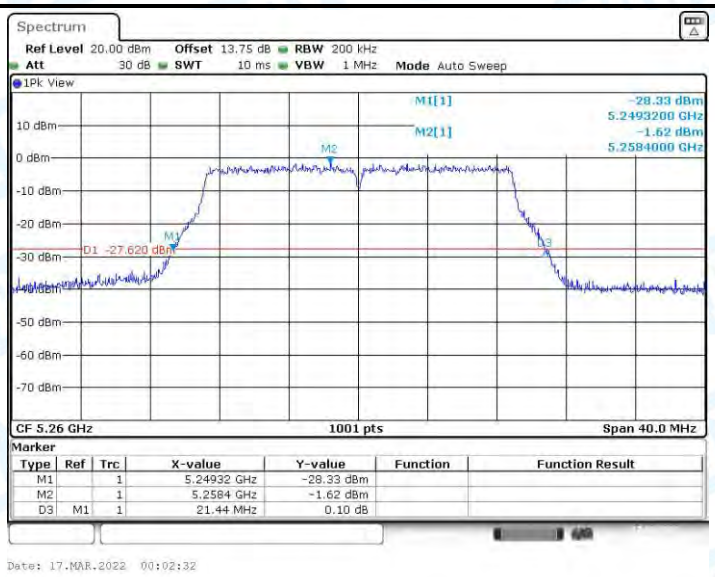

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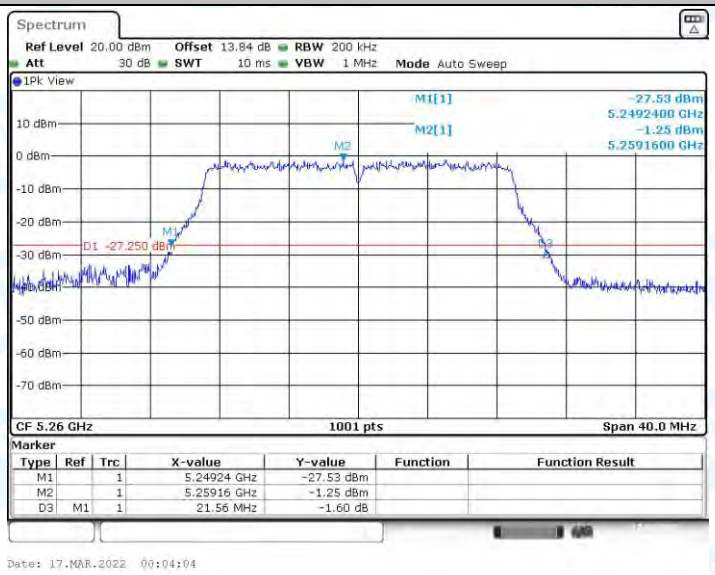

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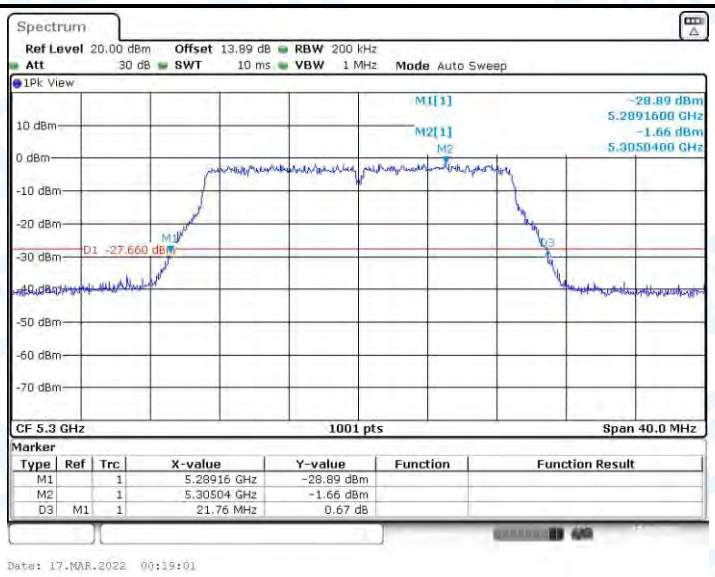

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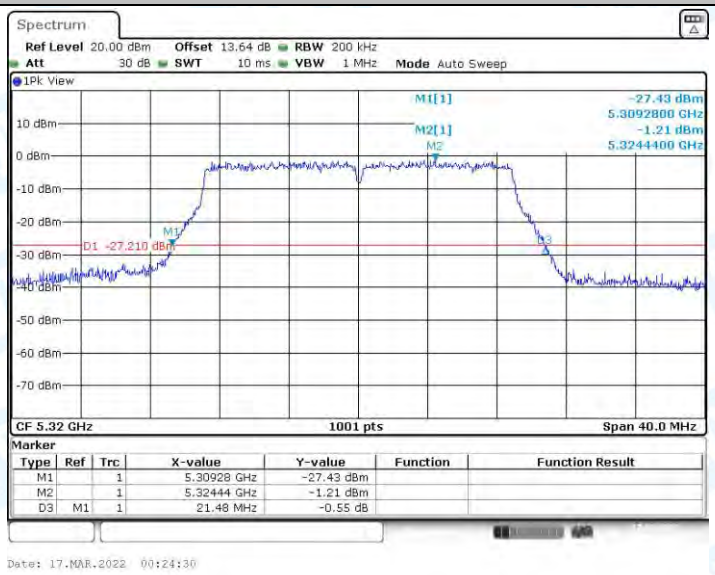

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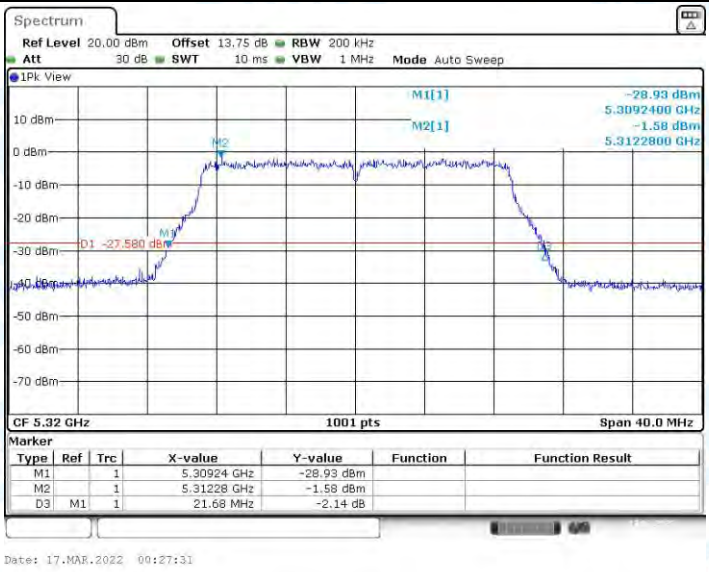
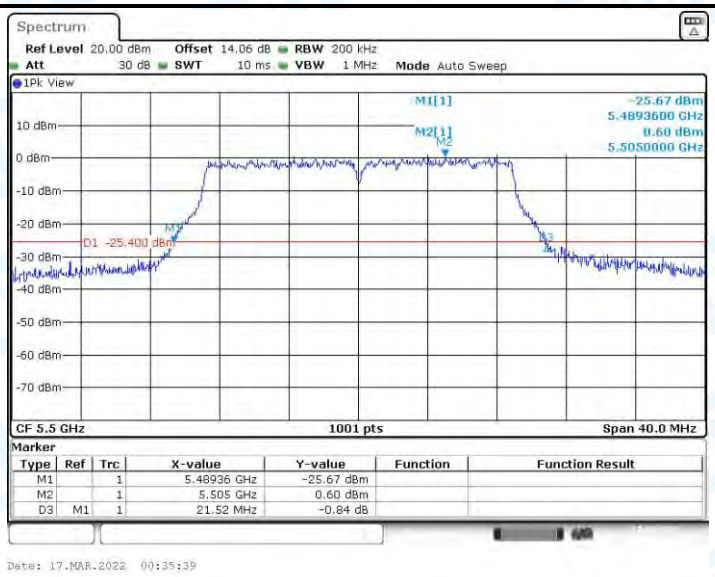
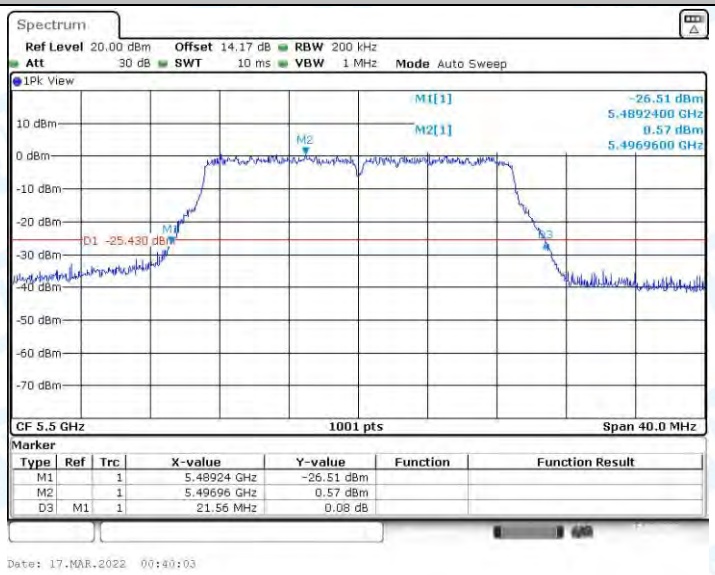


11N20MIMO_Ant2_5320



11N20MIMO_Ant1_5500



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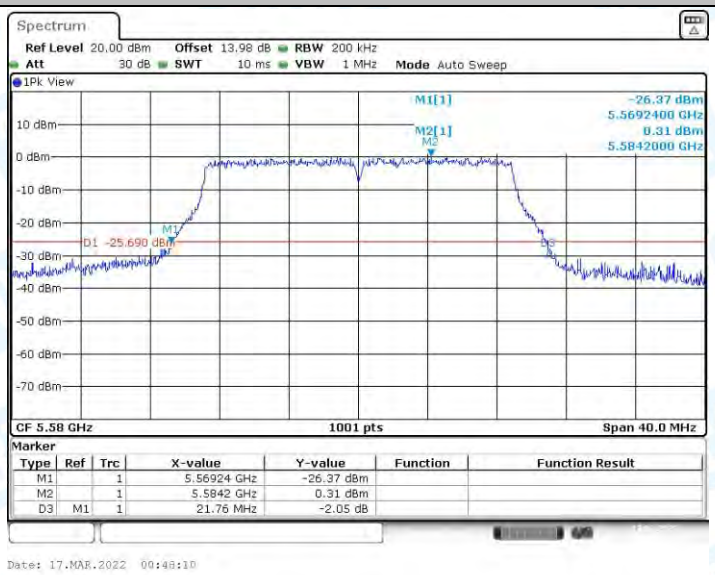
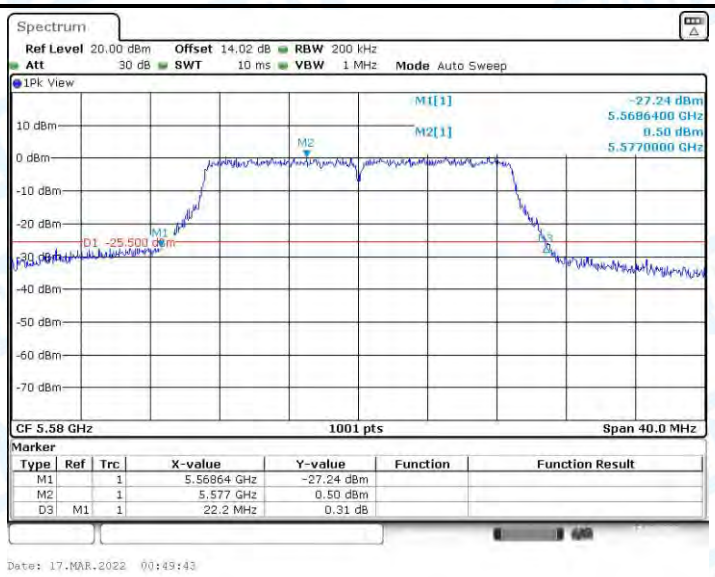


11N20MIMO_Ant1_5580



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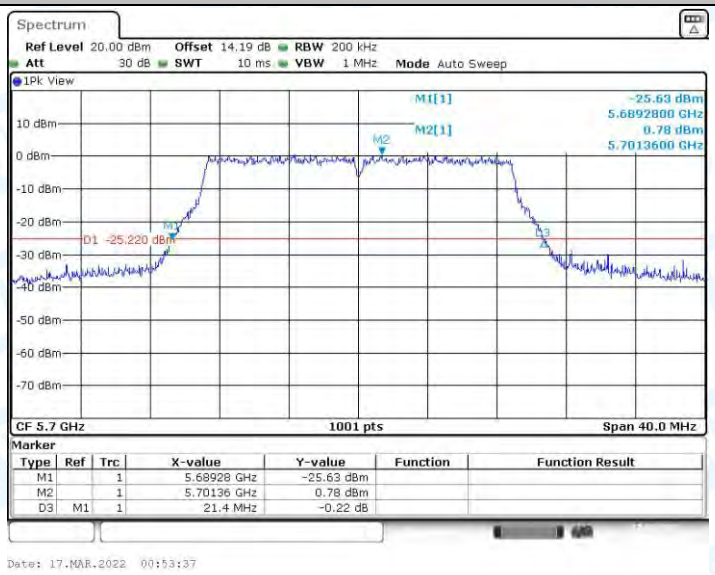

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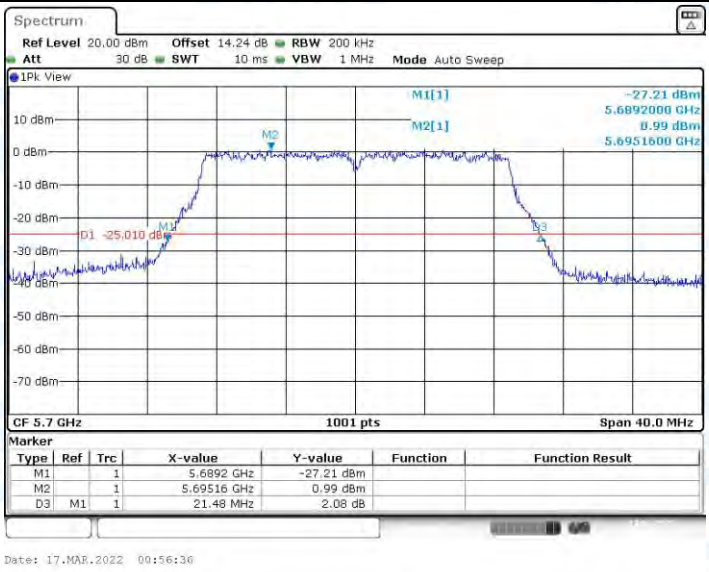

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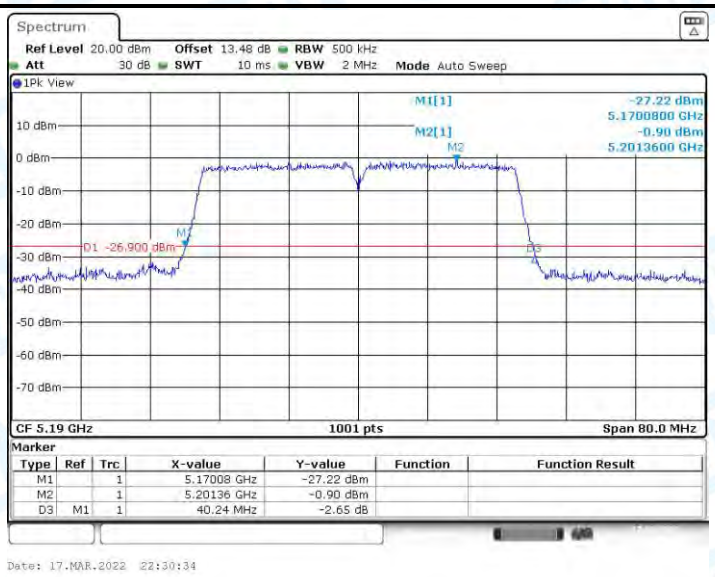
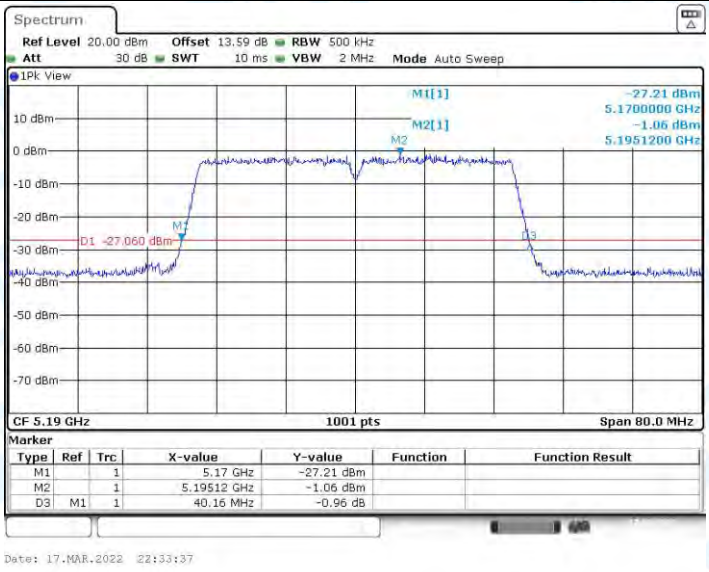


11N40MIMO_Ant1_5190



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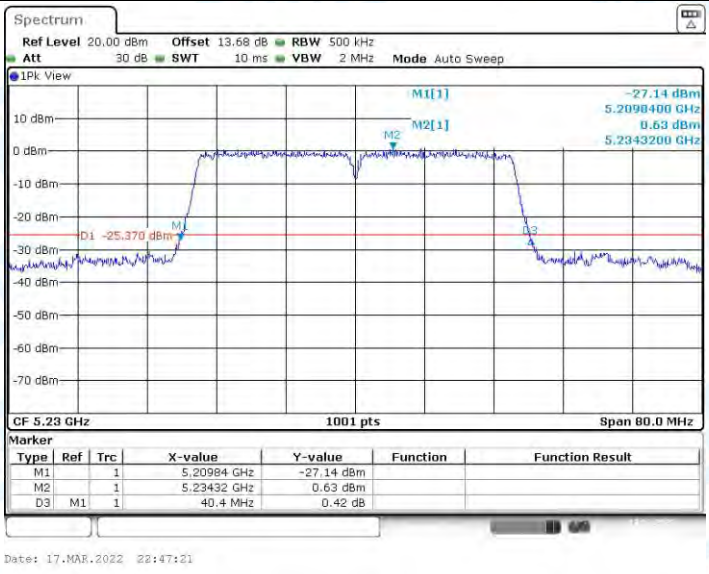
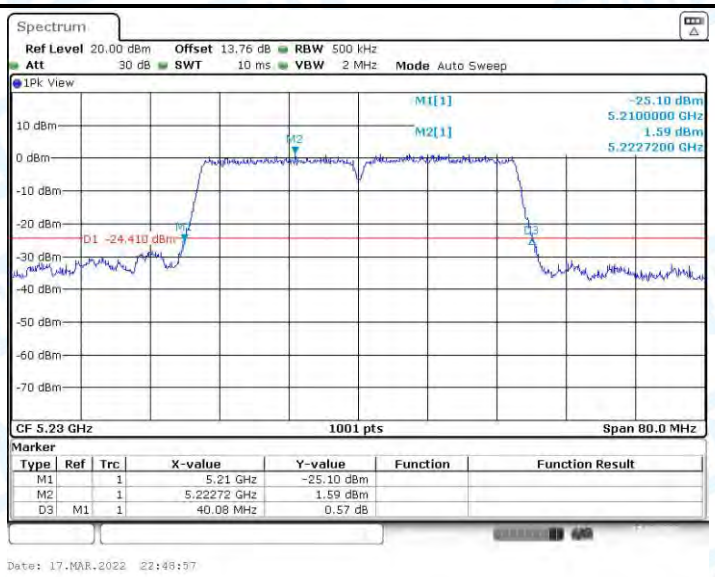


11N40MIMO_Ant1_5230



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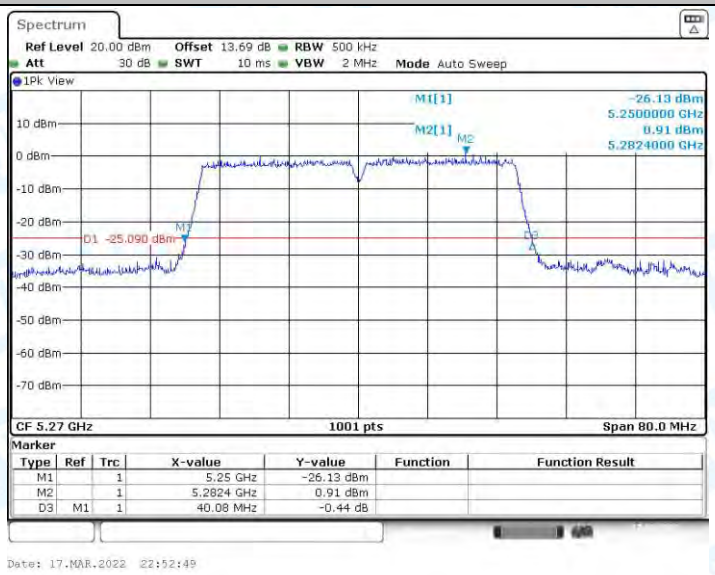

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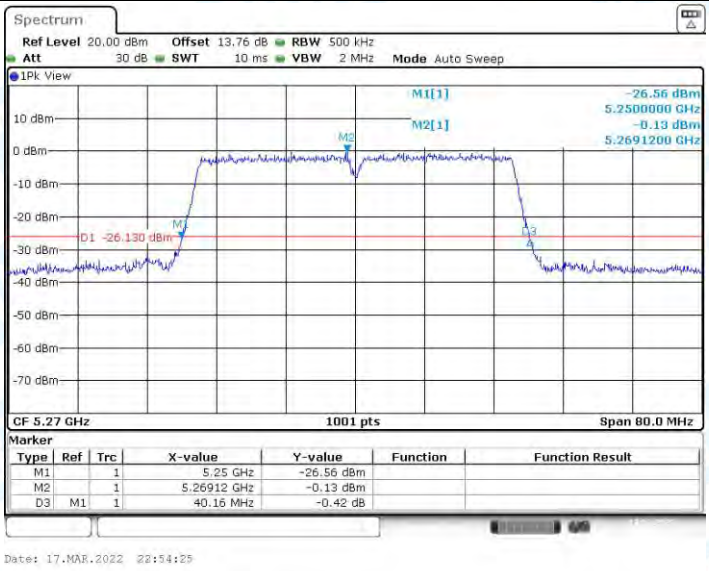

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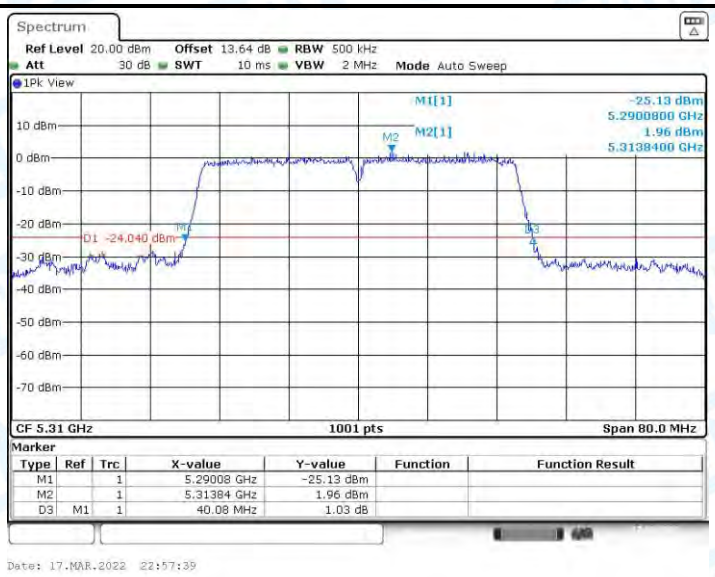
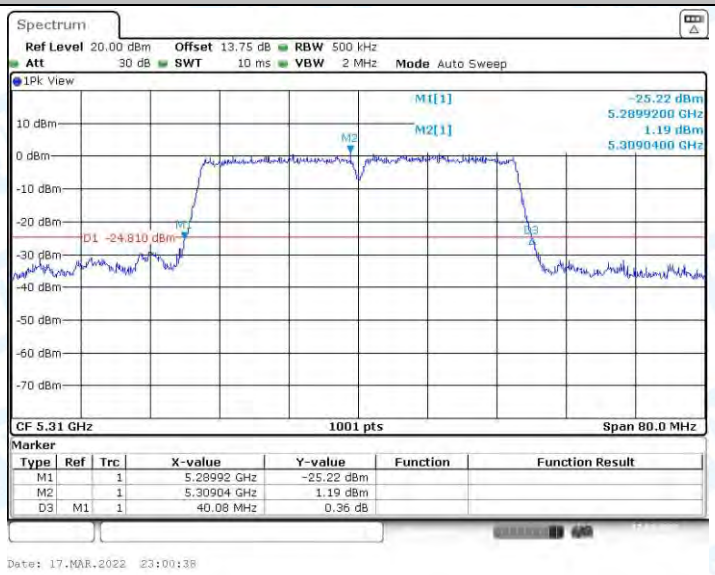


11N40MIMO_Ant1_5310



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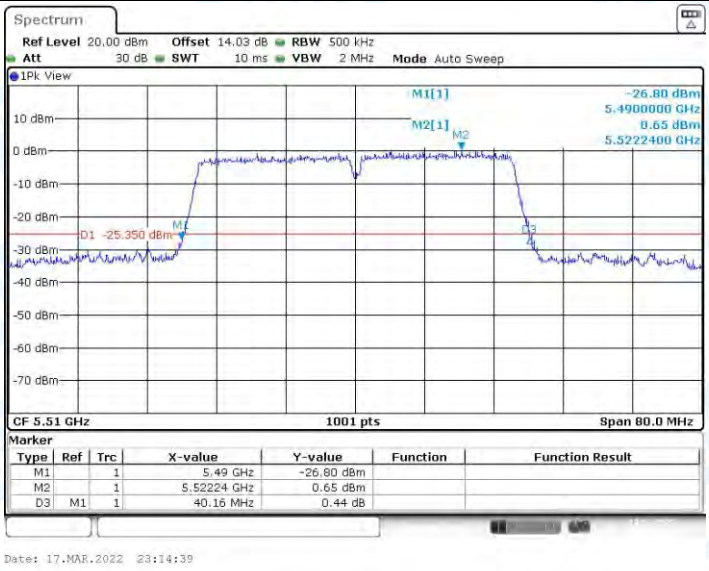

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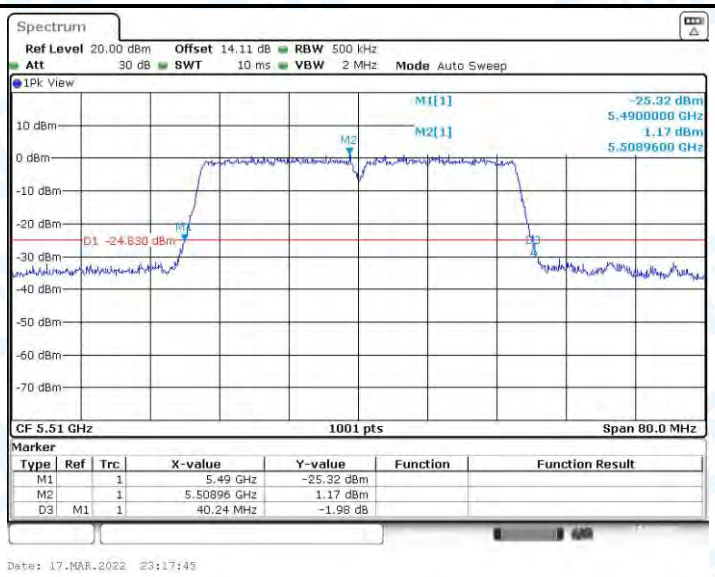

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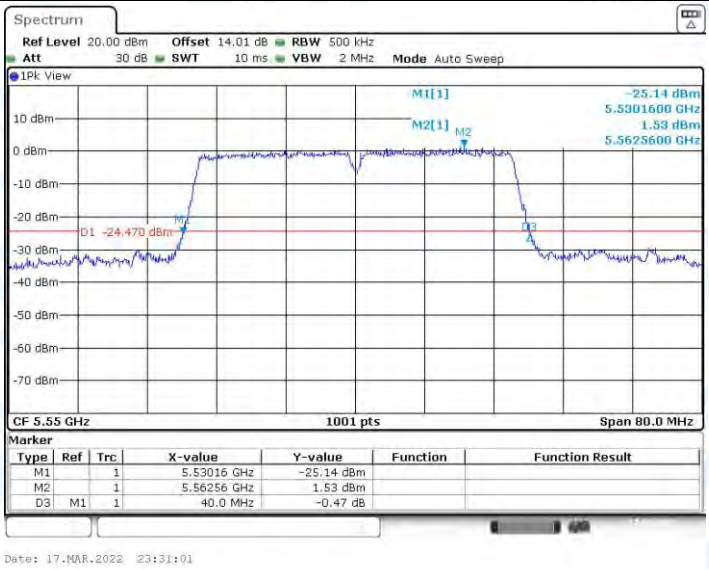

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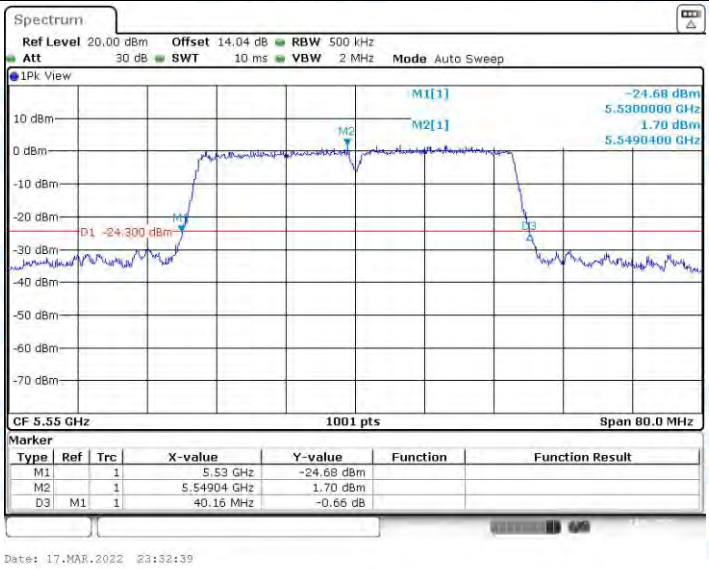

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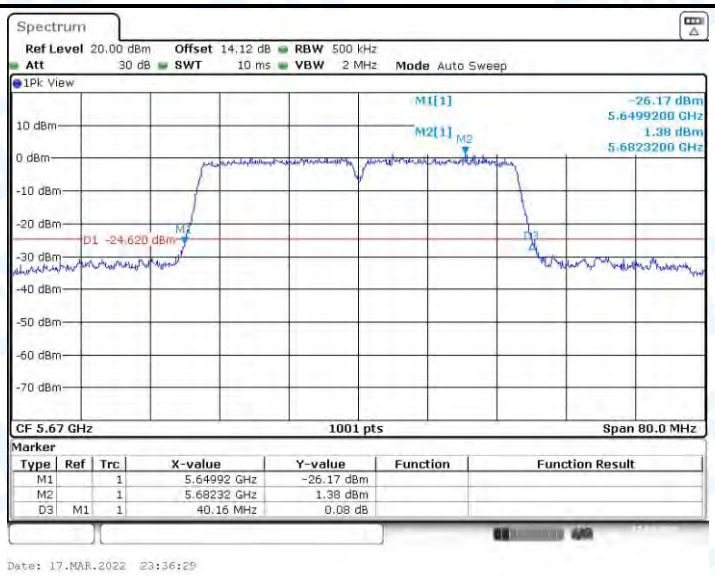

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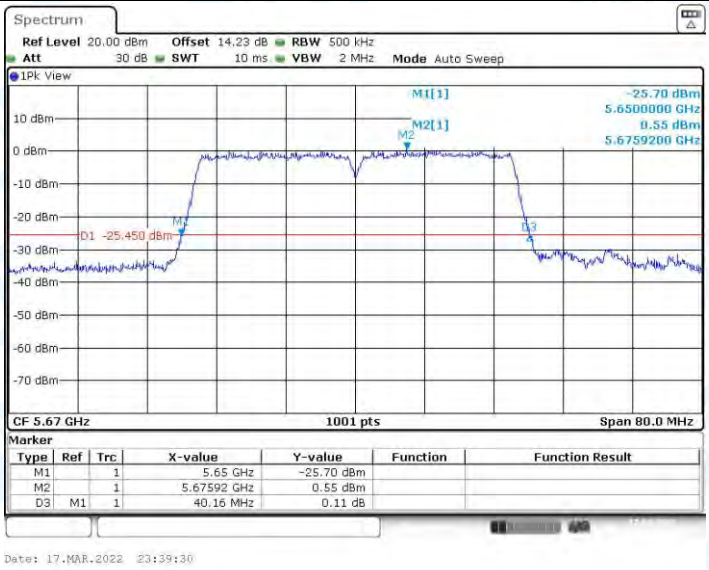
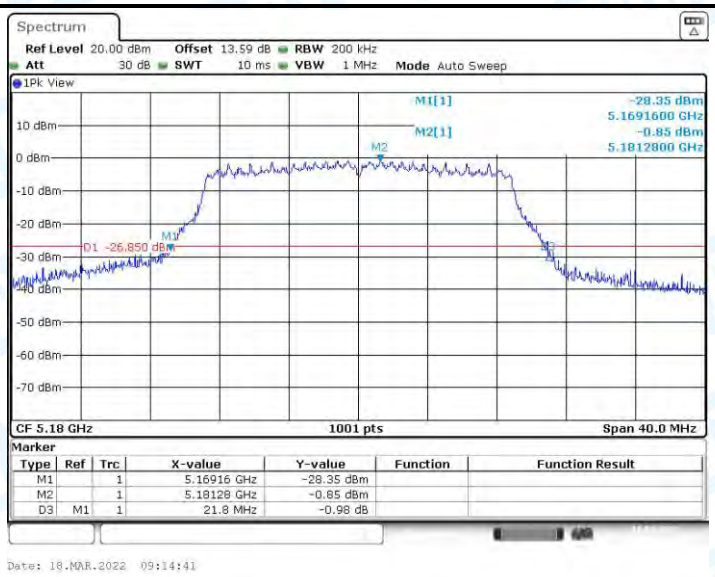


11N40MIMO_Ant2_5670

11AC20MIMO_Ant1_5180



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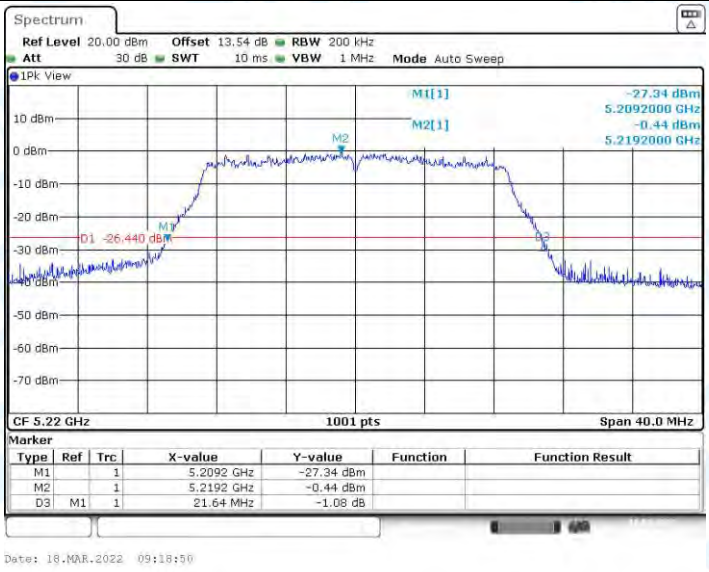

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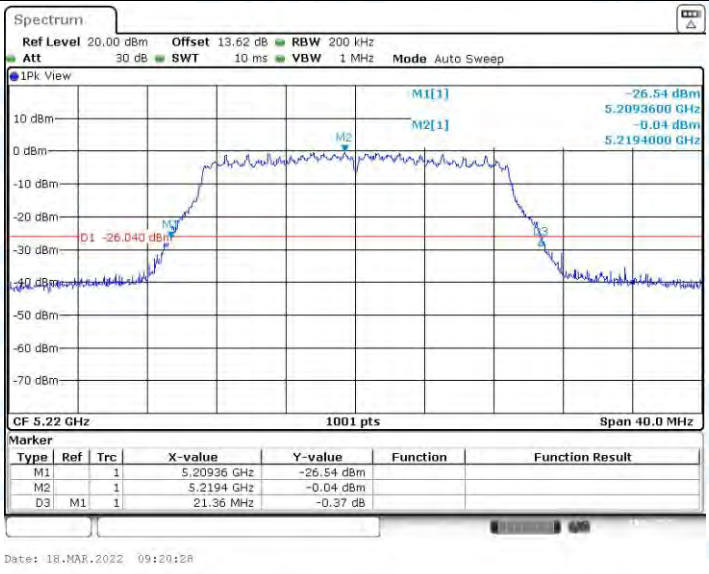

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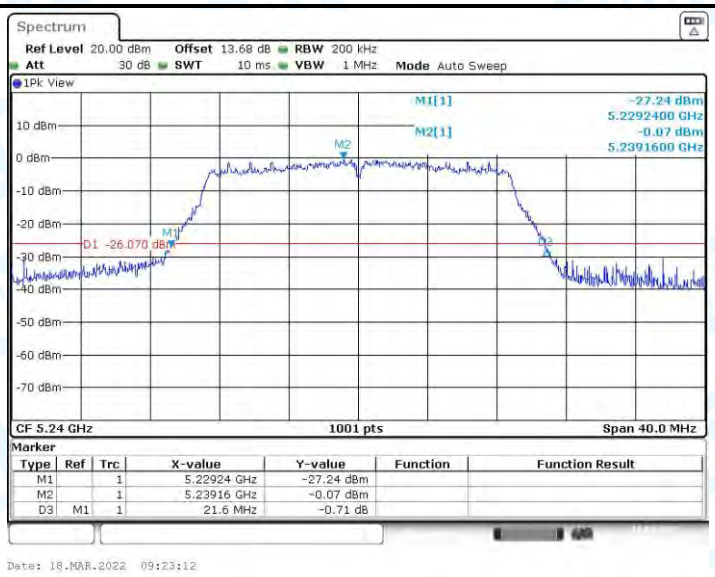

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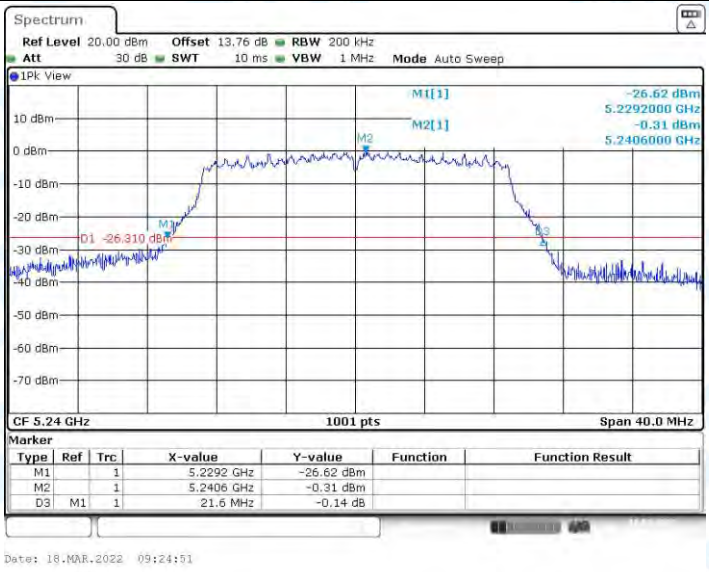

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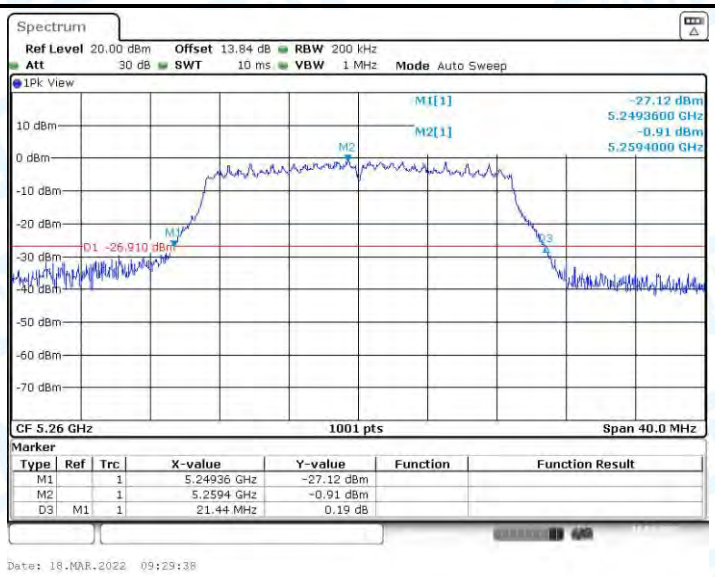
11AC20MIMO_Ant1_5260



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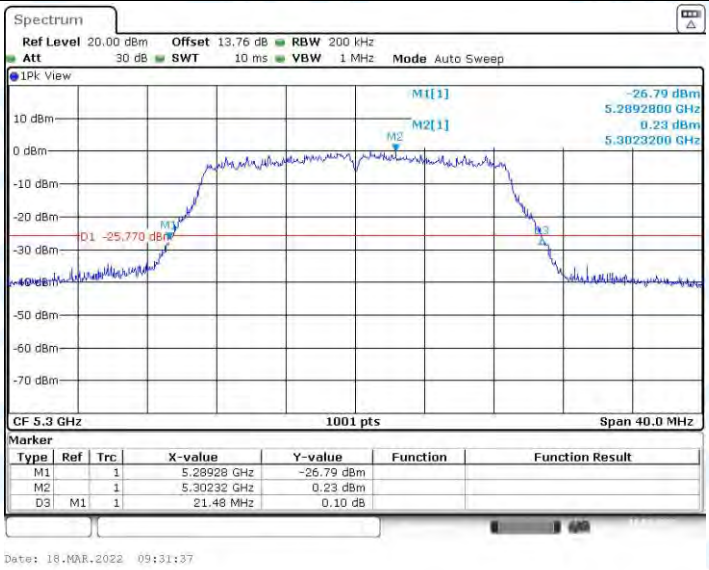

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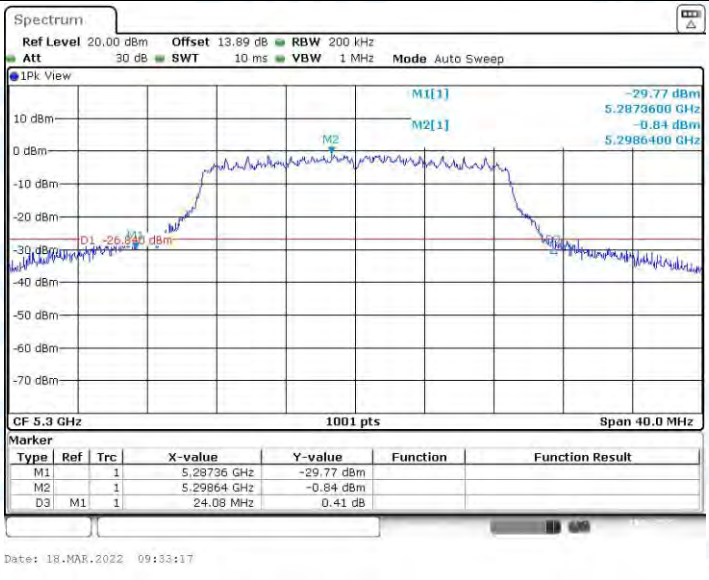

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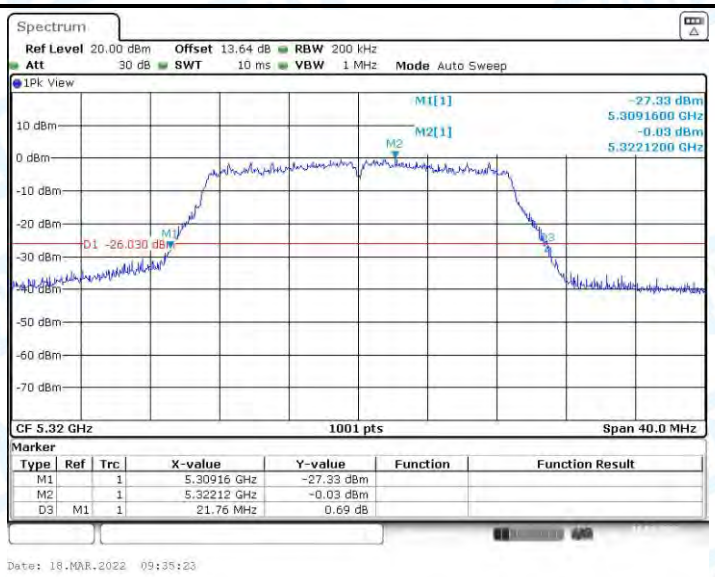

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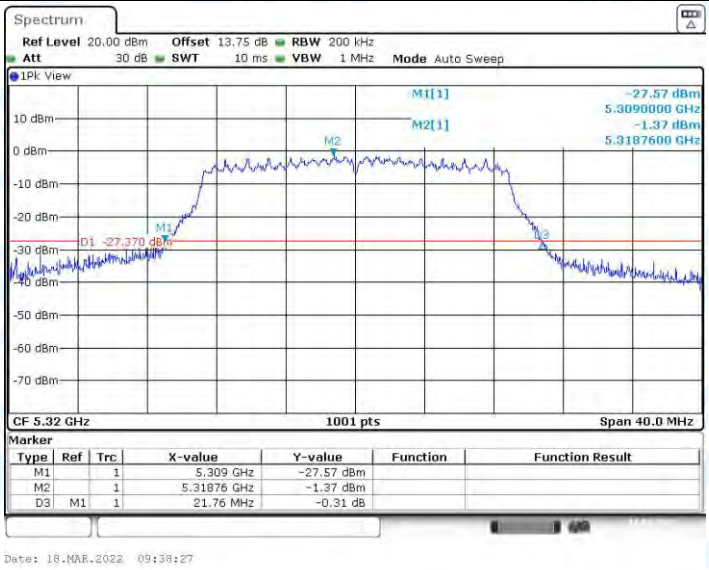

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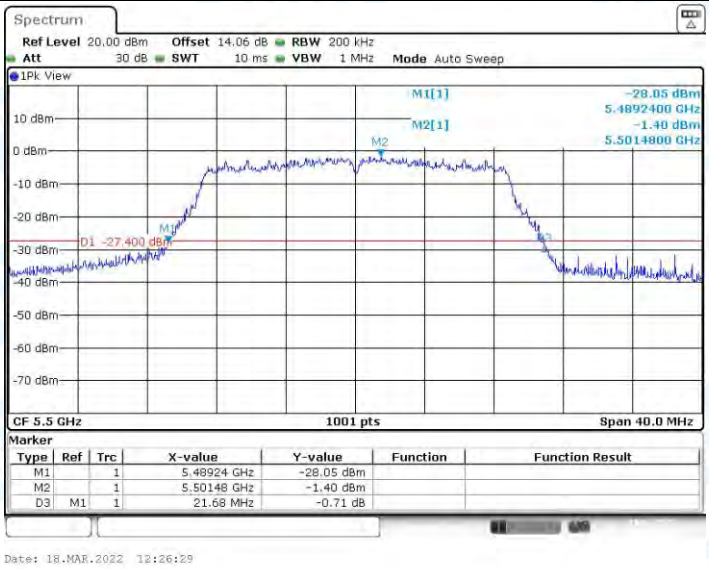

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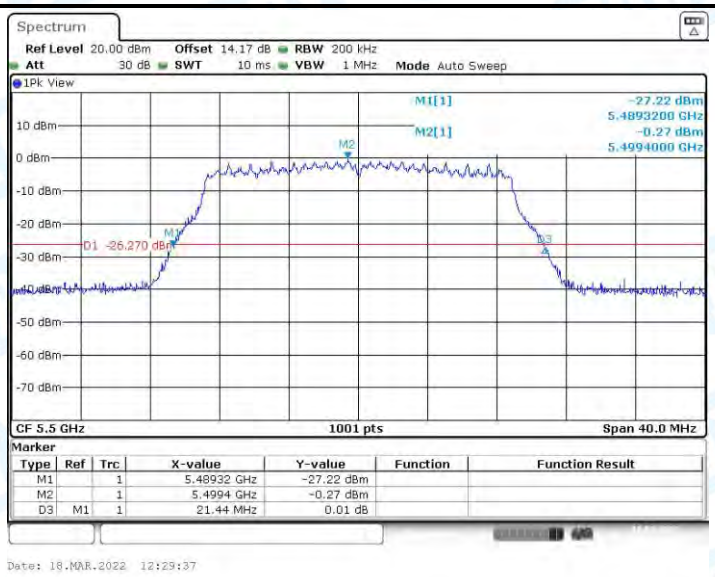

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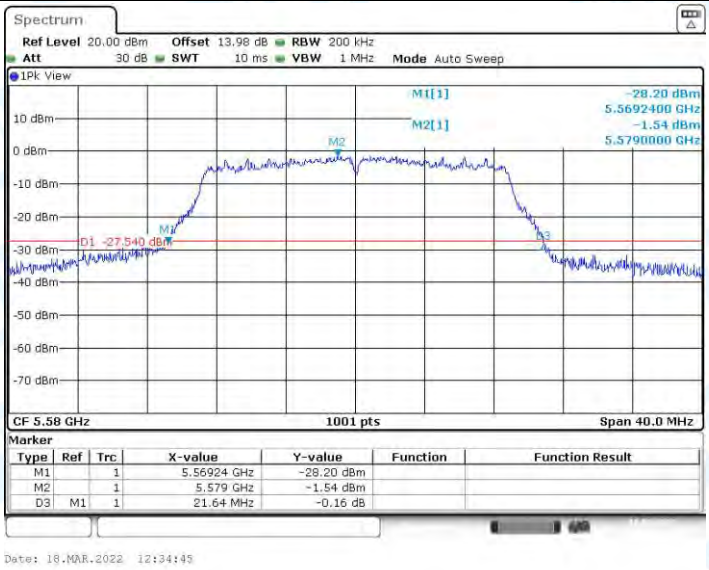

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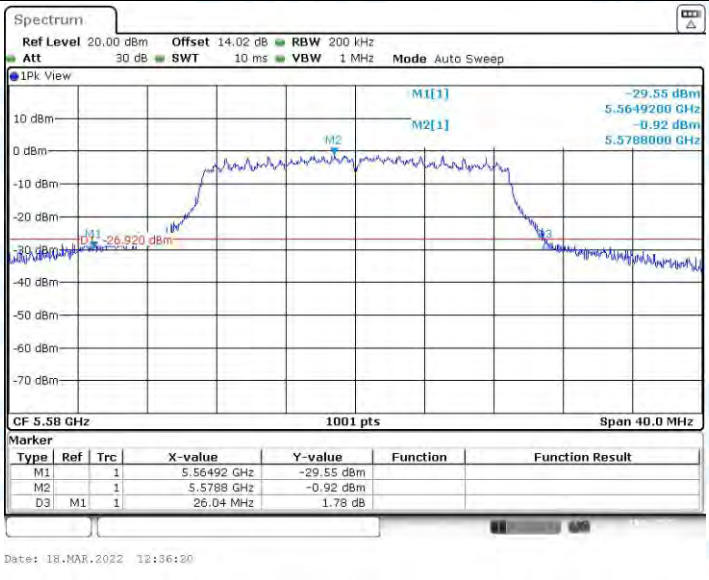

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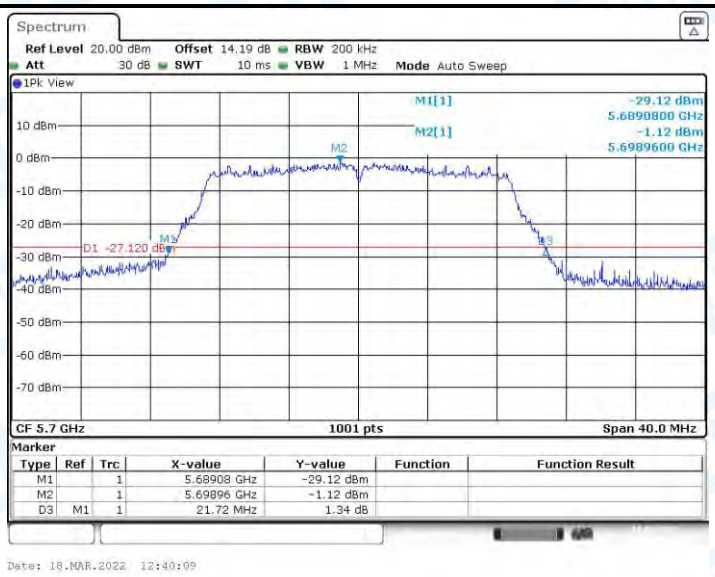

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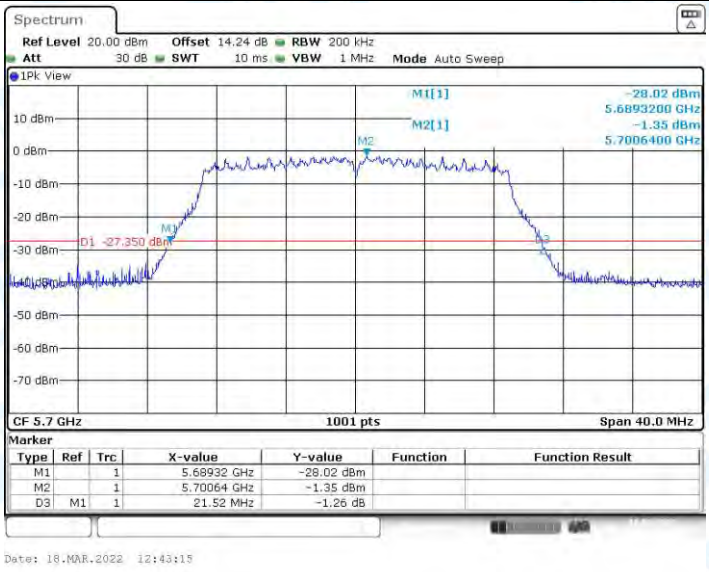

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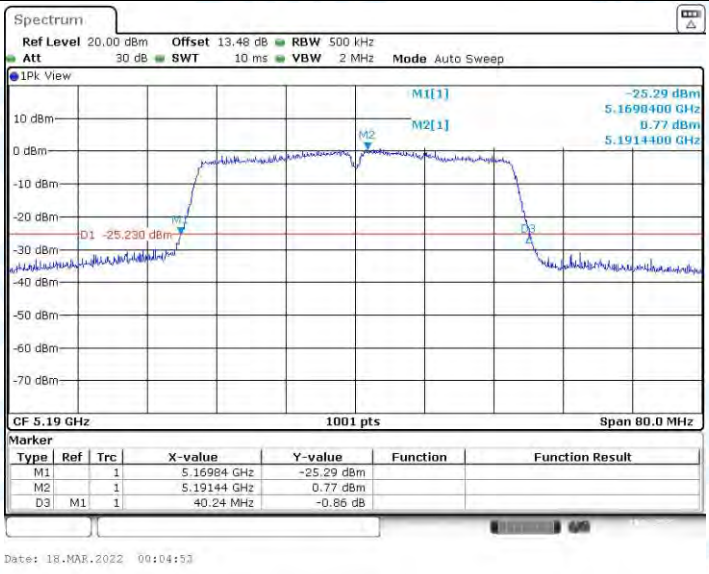

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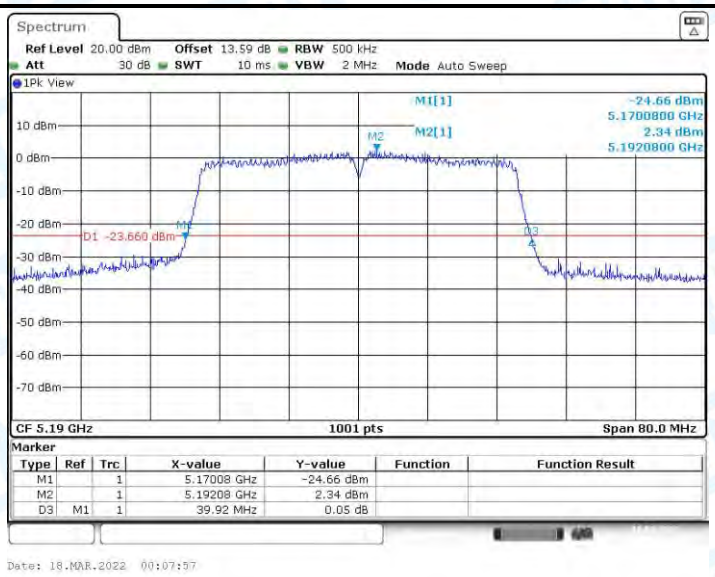

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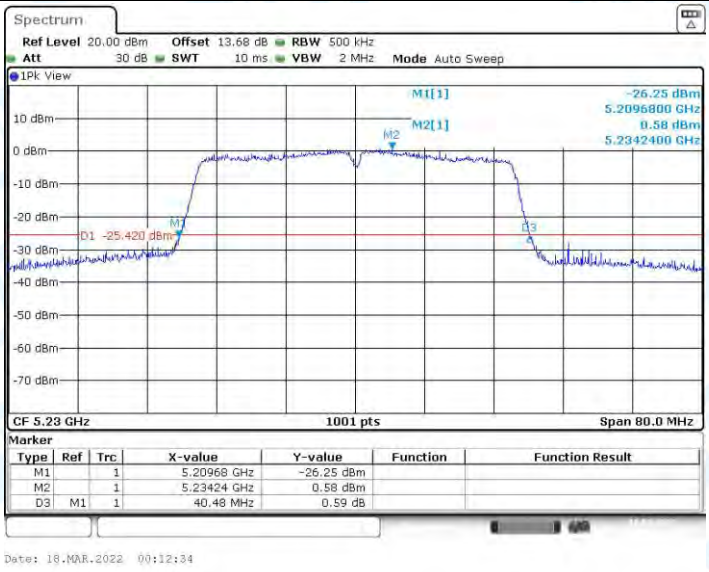

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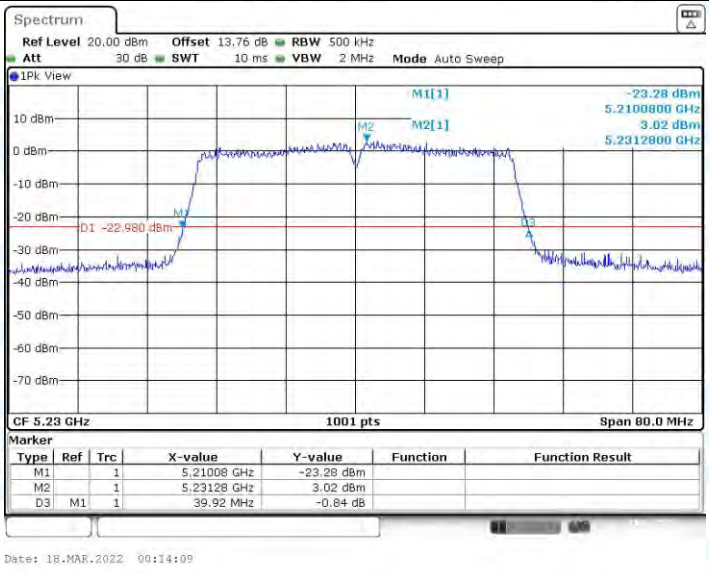

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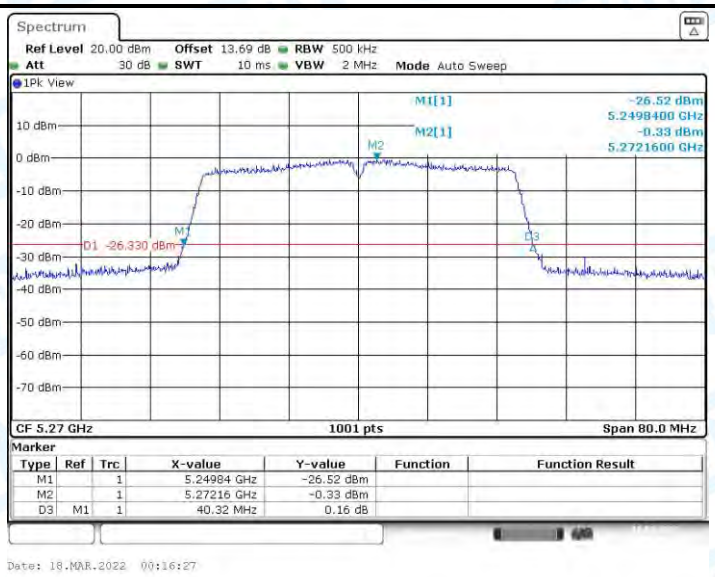

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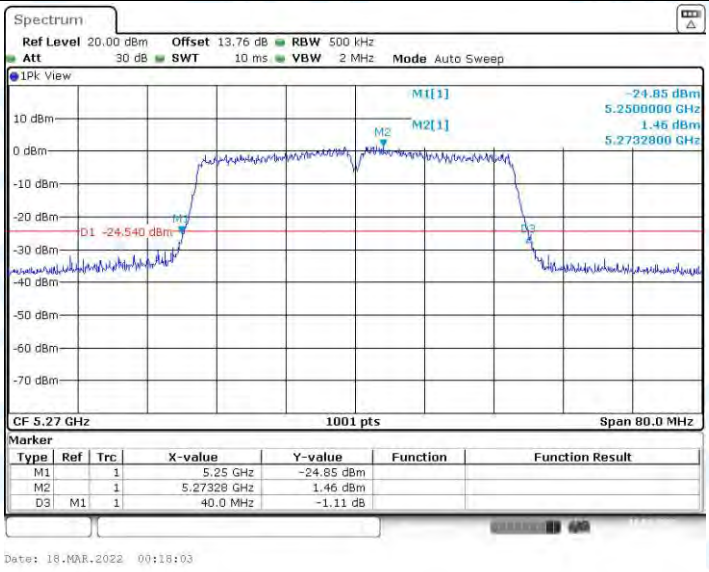

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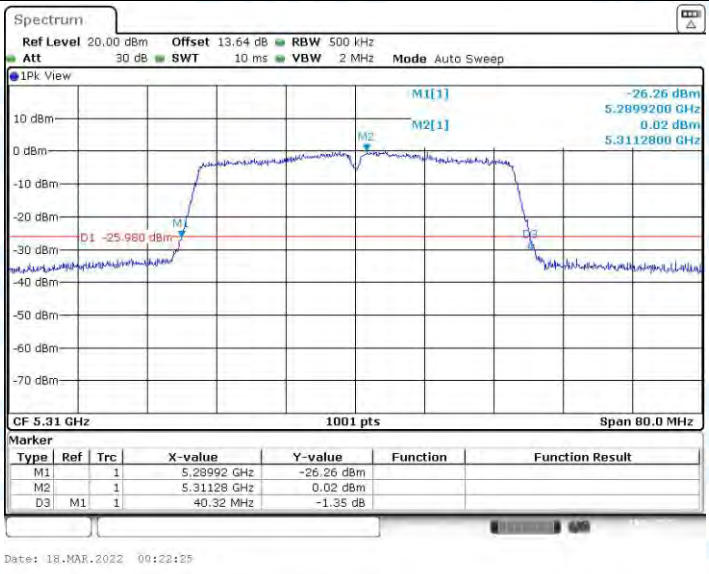

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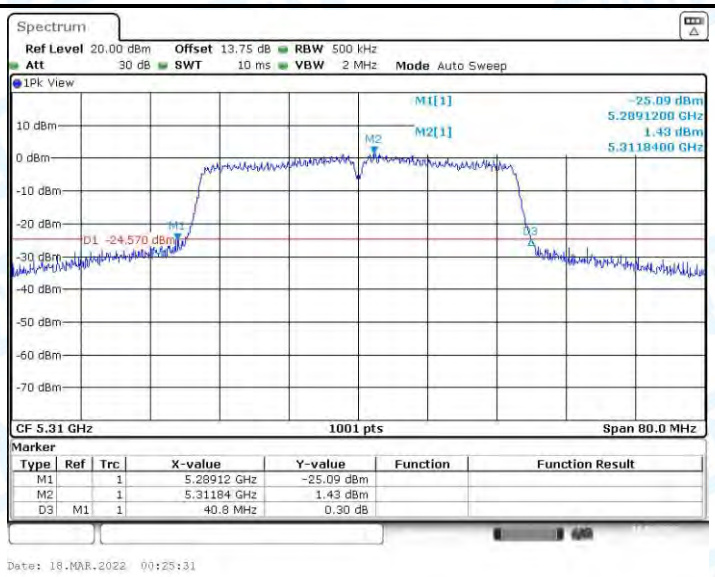
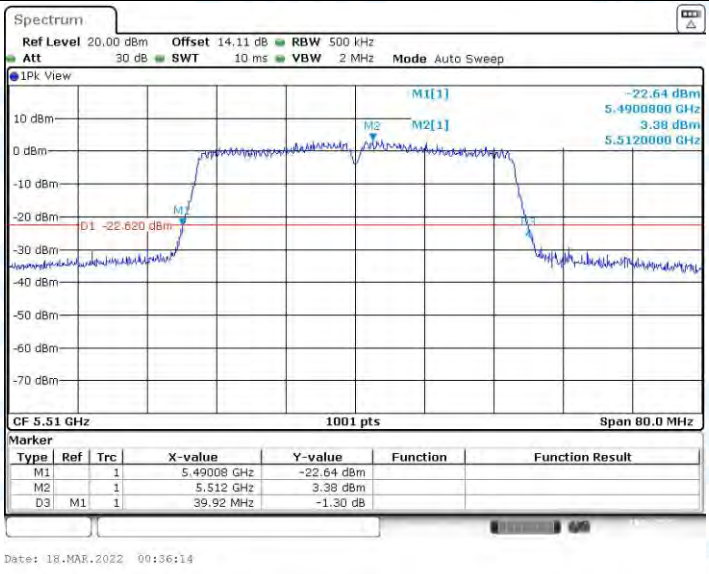


11AC40MIMO_Ant2_5310

11AC40MIMO_Ant1_5510



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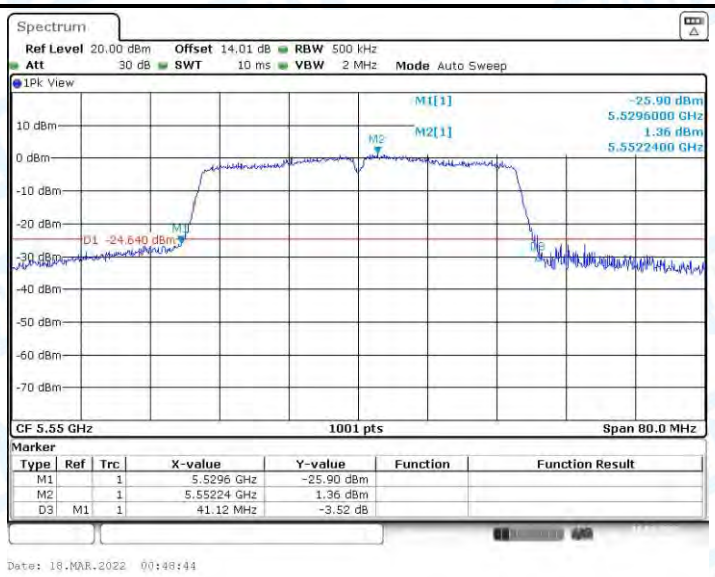
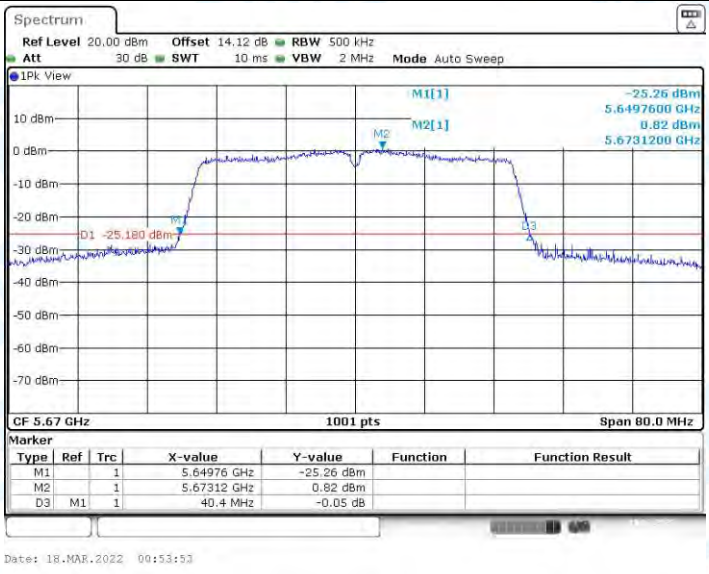


11AC40MIMO_Ant1_5550

11AC40MIMO_Ant2_5550



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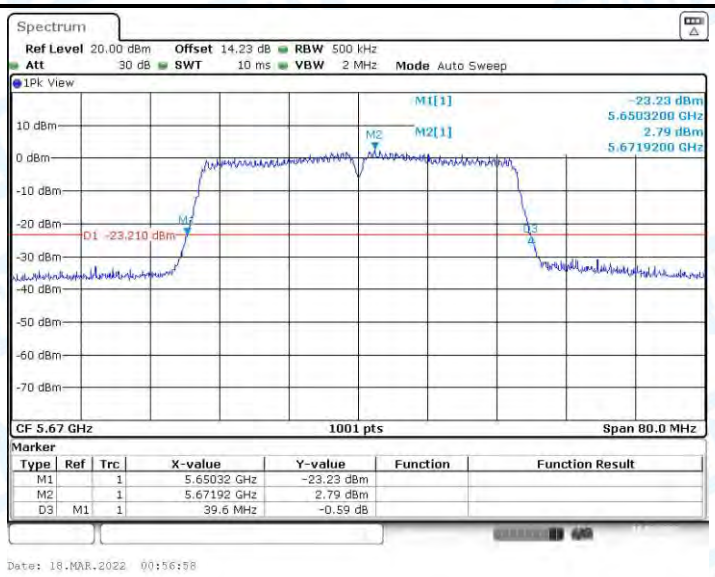

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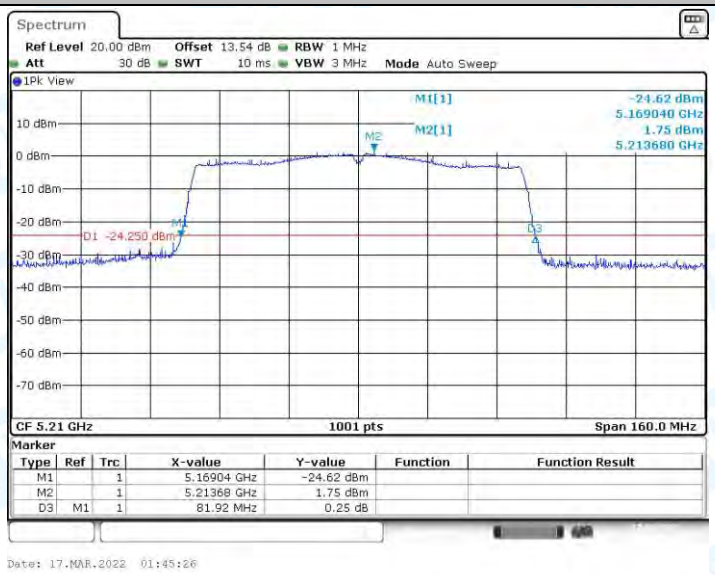

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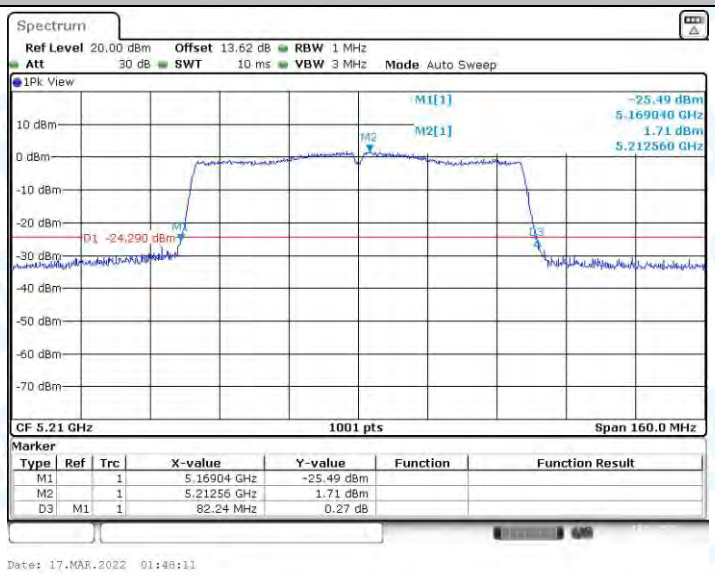

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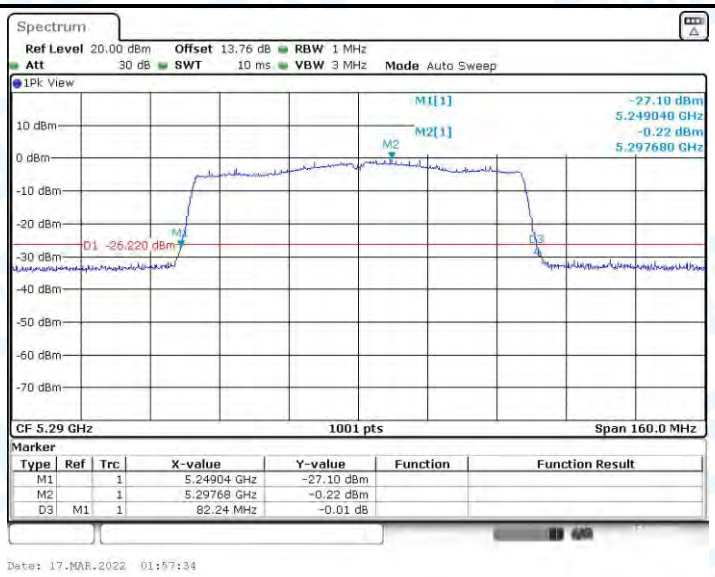
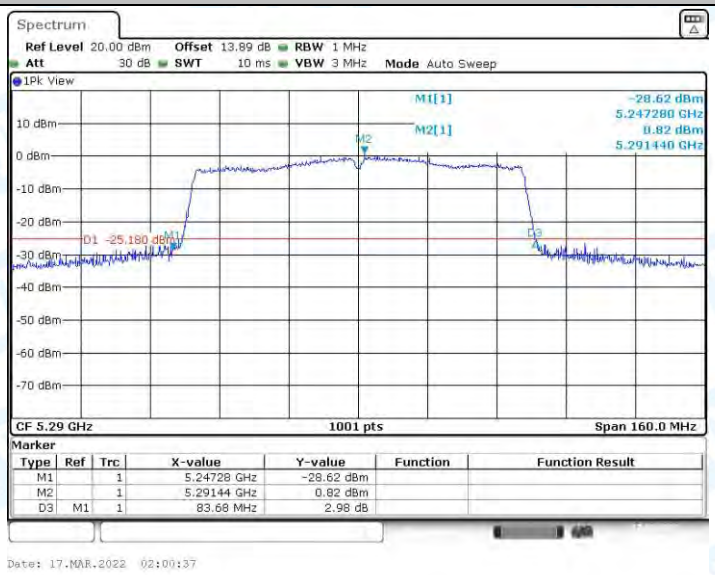


11AC80MIMO_Ant1_5290



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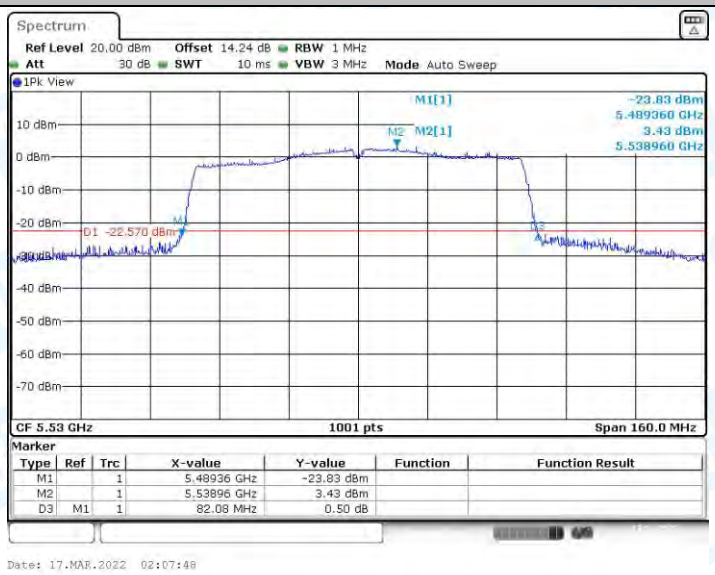

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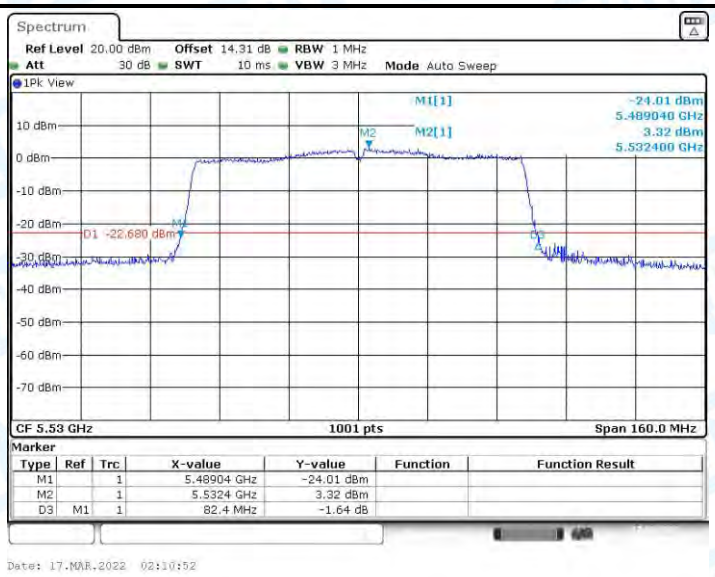

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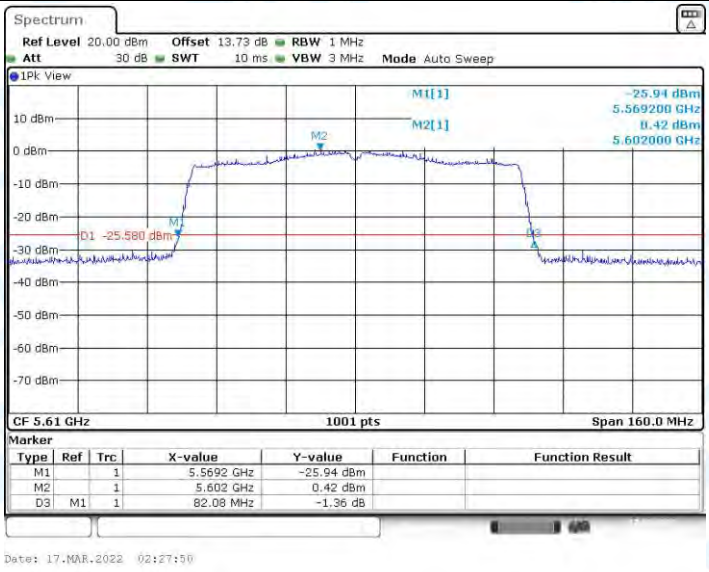

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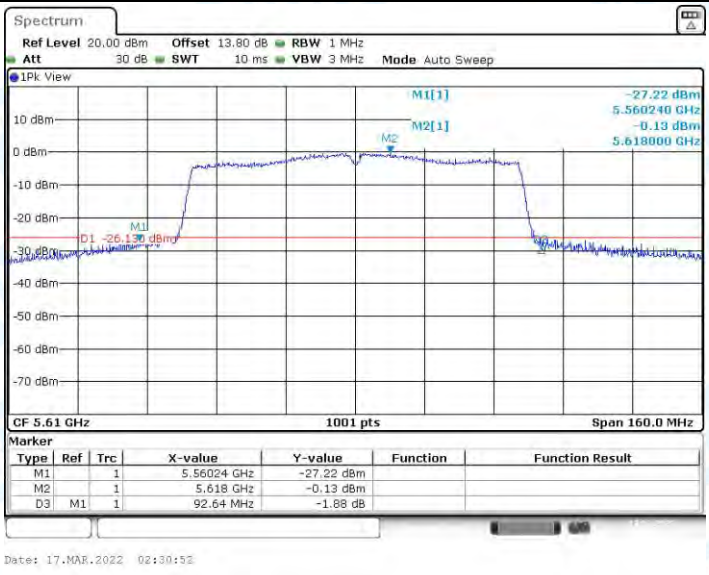

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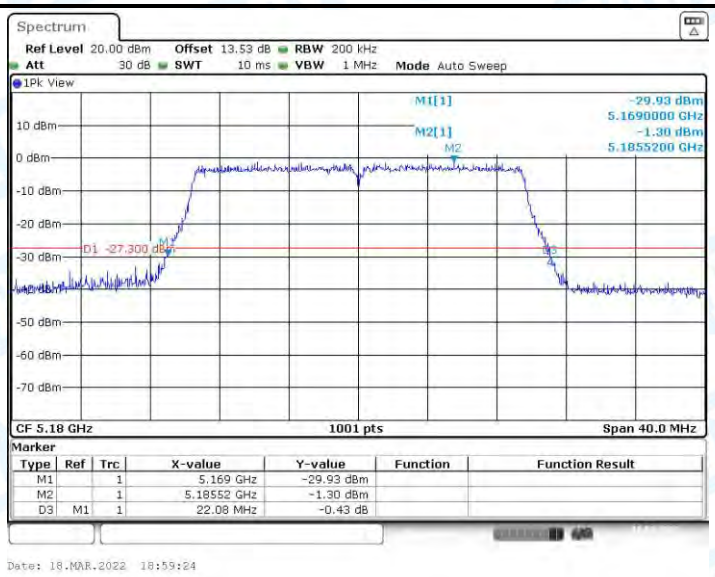

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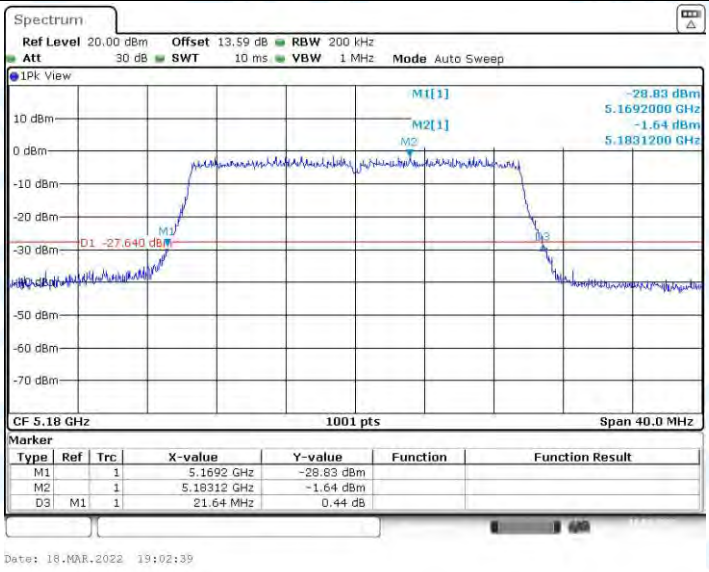

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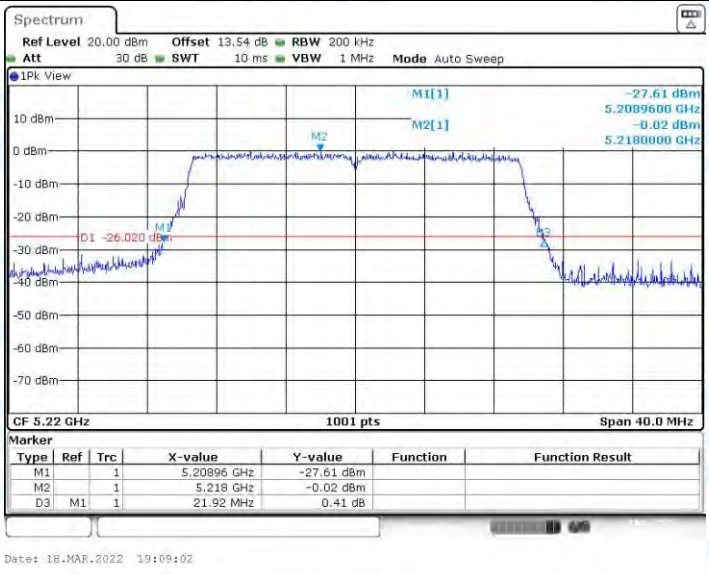

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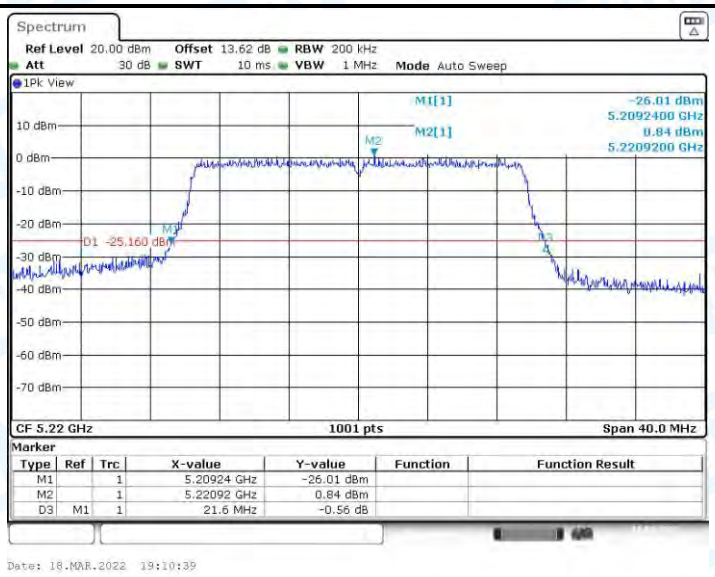

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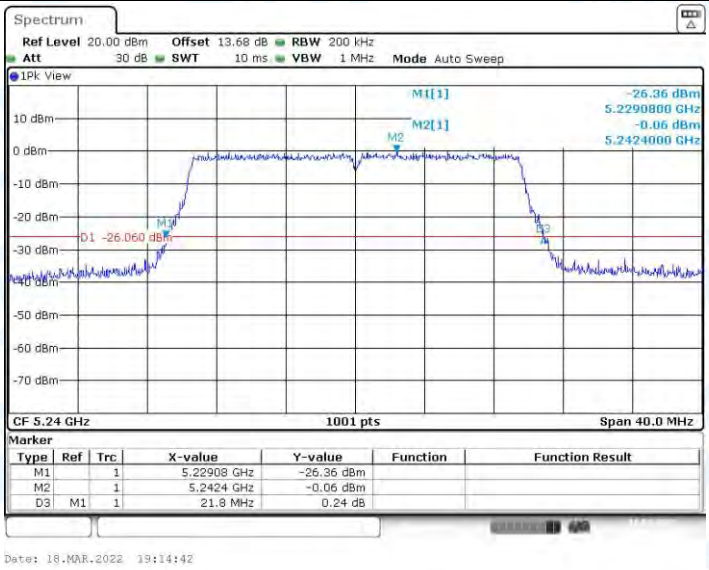

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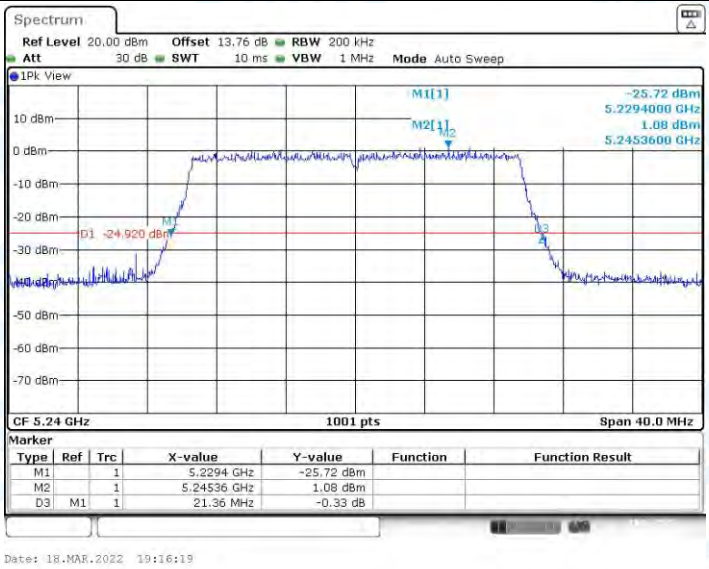

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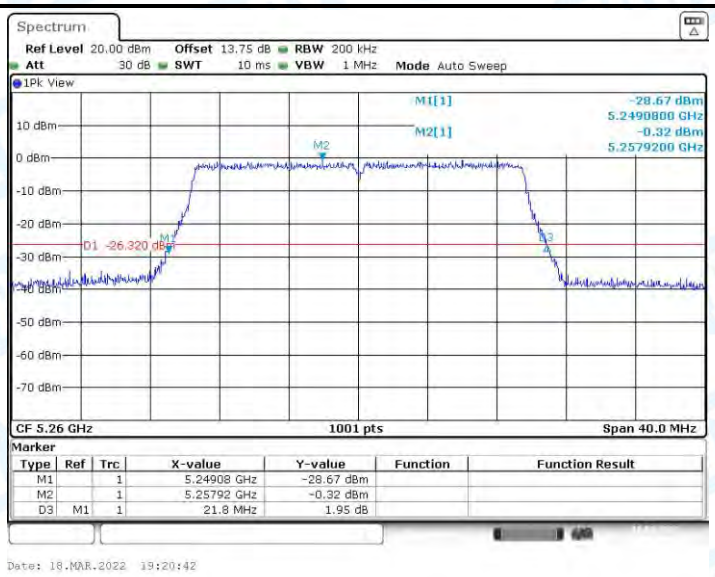

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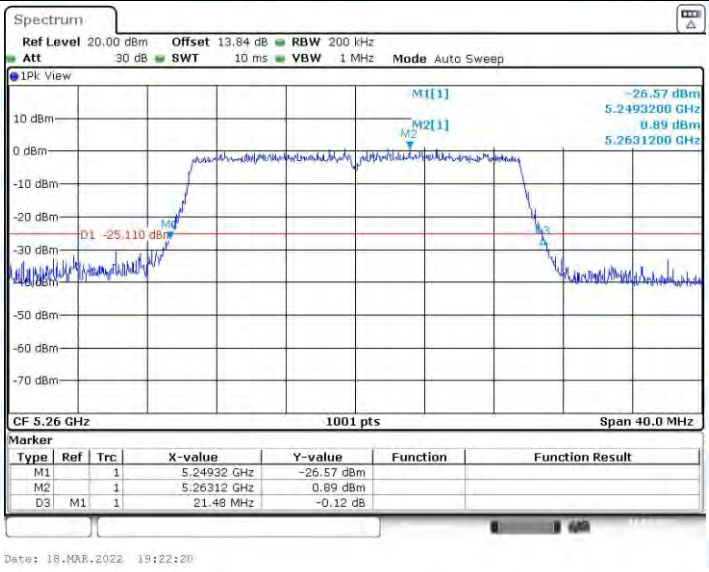

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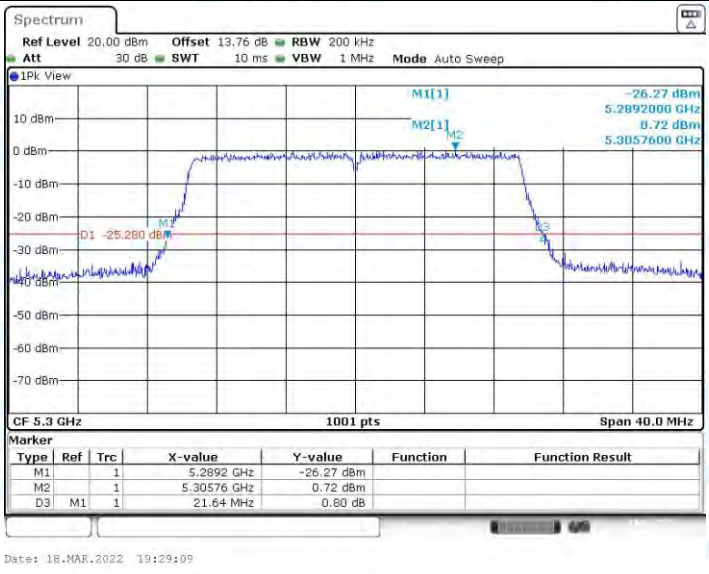

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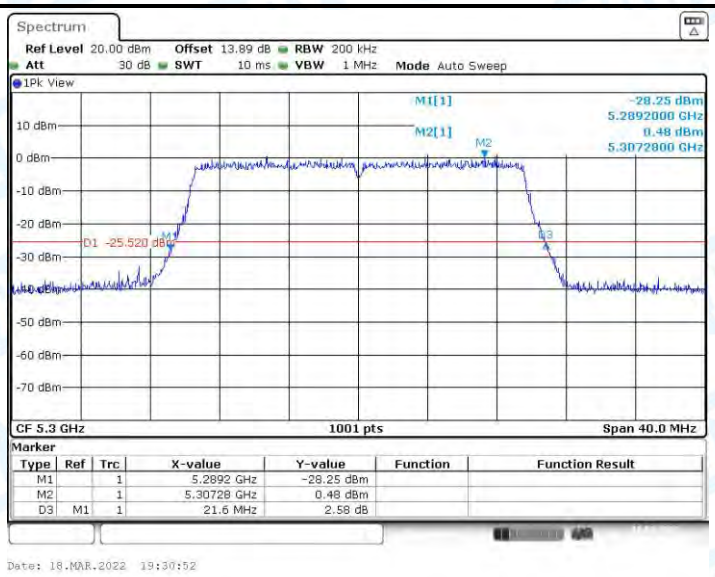

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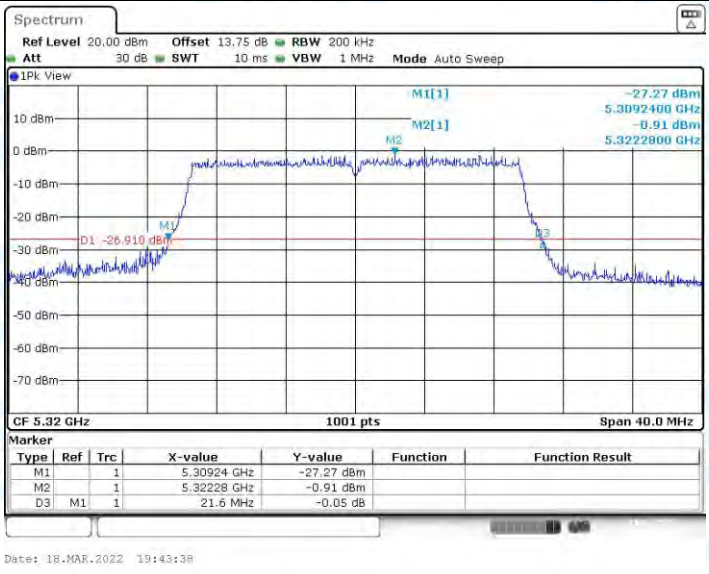

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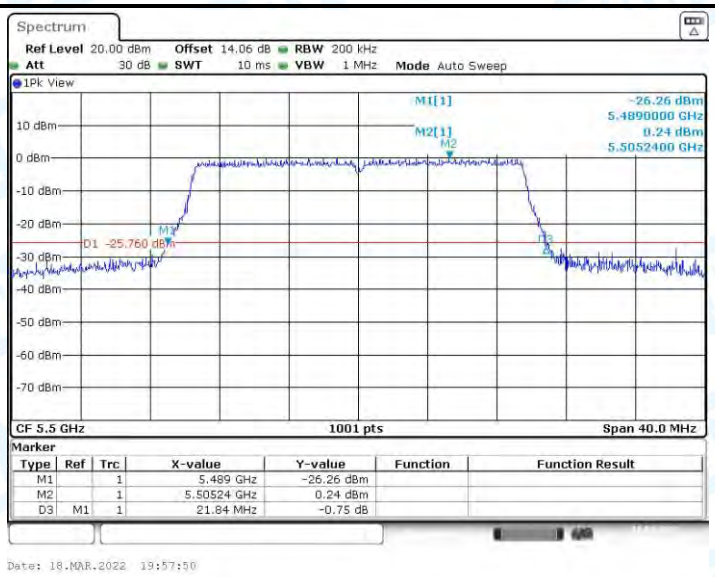

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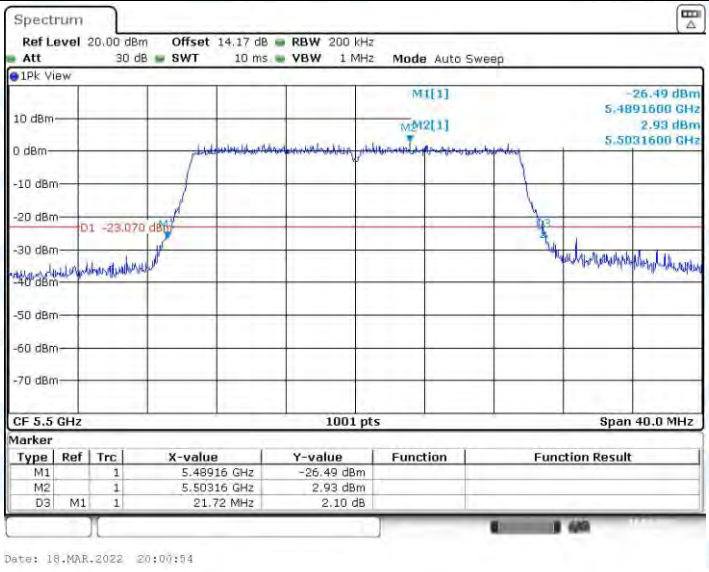

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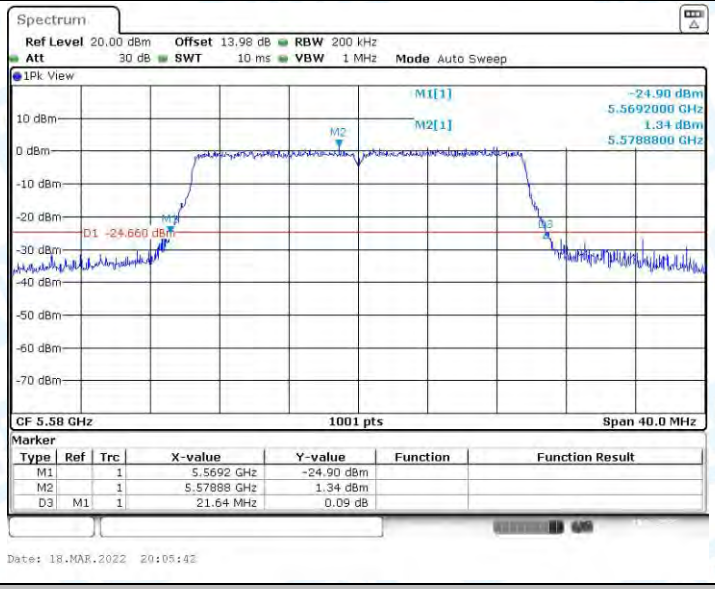

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