

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

General Description of EUT	
EUT Name:	Touch Inquiry Machine
Model:	MWE-CS3209
Sample ID:	HC-C-202510-0082-01-01-2#
Test Standard:	FCC Part 15.407
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	AC 120V/60Hz
Test Engineer:	Gold. zhang
Note: For a more detailed features description, please refer to the report TBR-C-202510-0082-33	

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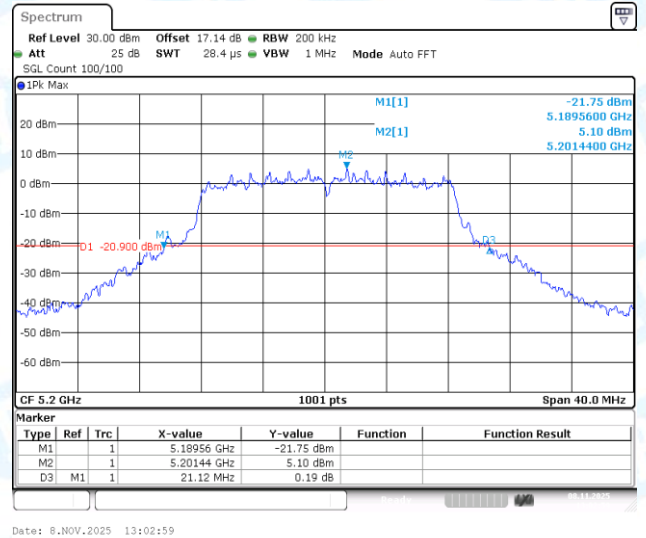
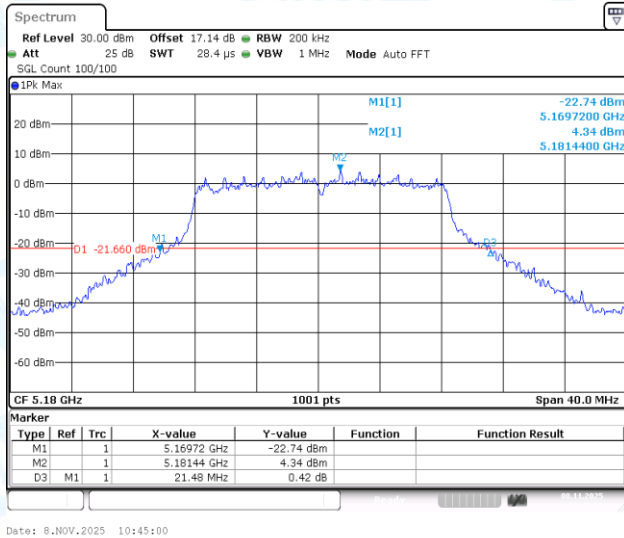
1: Emission Bandwidth

1.1 Test Result

Test Mode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	21.48	5169.72	5191.20	---	---
11A	Ant1	5200	21.12	5189.56	5210.68	---	---
11A	Ant1	5240	22.80	5228.52	5251.32	---	---
11A	Ant1	5260	21.52	5249.00	5270.52	---	---
11A	Ant1	5280	21.72	5269.84	5291.56	---	---
11A	Ant1	5320	20.48	5309.72	5330.20	---	---
11A	Ant1	5500	22.20	5489.16	5511.36	---	---
11A	Ant1	5580	22.92	5569.08	5592.00	---	---
11A	Ant1	5700	22.60	5688.76	5711.36	---	---
11N20SISO	Ant1	5180	21.20	5169.88	5191.08	---	---
11N20SISO	Ant1	5200	22.92	5189.00	5211.92	---	---
11N20SISO	Ant1	5240	22.96	5229.00	5251.96	---	---
11N20SISO	Ant1	5260	22.16	5248.88	5271.04	---	---
11N20SISO	Ant1	5280	22.80	5268.32	5291.12	---	---
11N20SISO	Ant1	5320	22.88	5308.36	5331.24	---	---
11N20SISO	Ant1	5500	23.20	5488.56	5511.76	---	---
11N20SISO	Ant1	5580	23.12	5568.44	5591.56	---	---
11N20SISO	Ant1	5700	23.52	5688.28	5711.80	---	---
11N40SISO	Ant1	5190	40.88	5169.92	5210.80	---	---
11N40SISO	Ant1	5230	41.44	5209.68	5251.12	---	---
11N40SISO	Ant1	5270	41.12	5249.52	5290.64	---	---
11N40SISO	Ant1	5310	39.84	5290.08	5329.92	---	---
11N40SISO	Ant1	5510	41.68	5489.36	5531.04	---	---
11N40SISO	Ant1	5550	39.76	5530.24	5570.00	---	---
11N40SISO	Ant1	5670	41.60	5649.36	5690.96	---	---
11AC20SISO	Ant1	5180	23.16	5169.36	5192.52	---	---
11AC20SISO	Ant1	5200	21.52	5189.52	5211.04	---	---
11AC20SISO	Ant1	5240	23.36	5228.44	5251.80	---	---
11AC20SISO	Ant1	5260	22.28	5249.00	5271.28	---	---
11AC20SISO	Ant1	5280	23.52	5268.44	5291.96	---	---
11AC20SISO	Ant1	5320	21.80	5309.20	5331.00	---	---
11AC20SISO	Ant1	5500	23.28	5488.72	5512.00	---	---
11AC20SISO	Ant1	5580	21.32	5569.64	5590.96	---	---
11AC20SISO	Ant1	5700	23.84	5688.48	5712.32	---	---
11AC40SISO	Ant1	5190	40.64	5169.76	5210.40	---	---
11AC40SISO	Ant1	5230	39.84	5210.16	5250.00	---	---
11AC40SISO	Ant1	5270	41.12	5249.52	5290.64	---	---
11AC40SISO	Ant1	5310	40.72	5289.68	5330.40	---	---
11AC40SISO	Ant1	5510	40.88	5490.16	5531.04	---	---
11AC40SISO	Ant1	5550	41.12	5529.68	5570.80	---	---
11AC40SISO	Ant1	5670	40.88	5649.68	5690.56	---	---

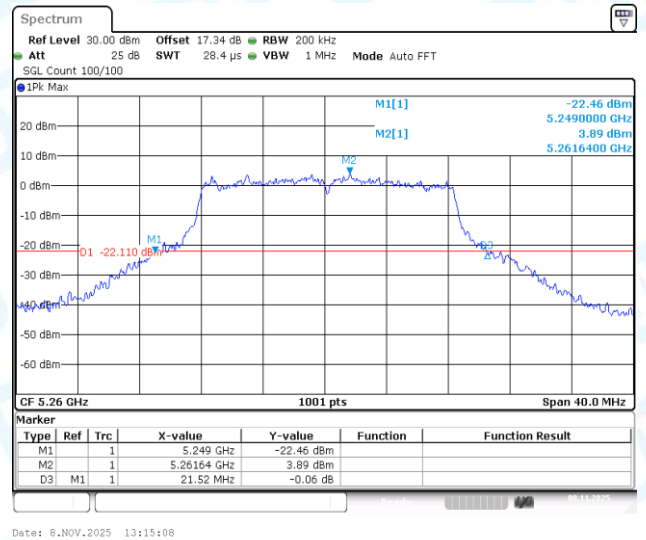
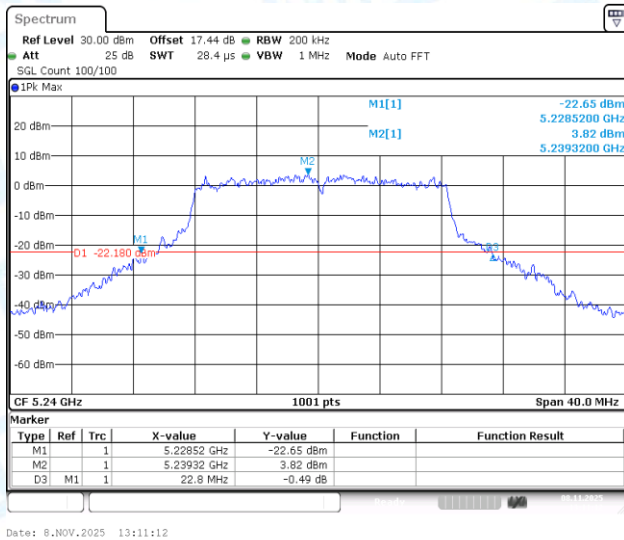
11AC80SISO	Ant1	5210	80.96	5170.16	5251.12	---	---
11AC80SISO	Ant1	5290	84.32	5248.56	5332.88	---	---
11AC80SISO	Ant1	5530	82.88	5488.88	5571.76	---	---
11AC80SISO	Ant1	5610	81.12	5569.84	5650.96	---	---

1.2 Test Graphs



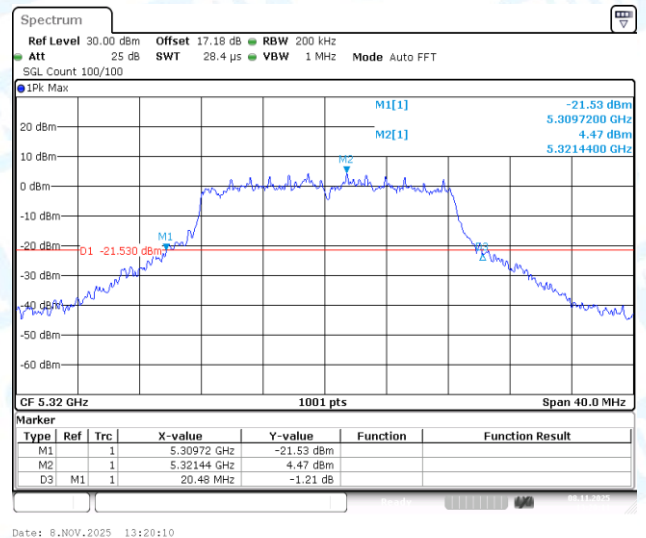
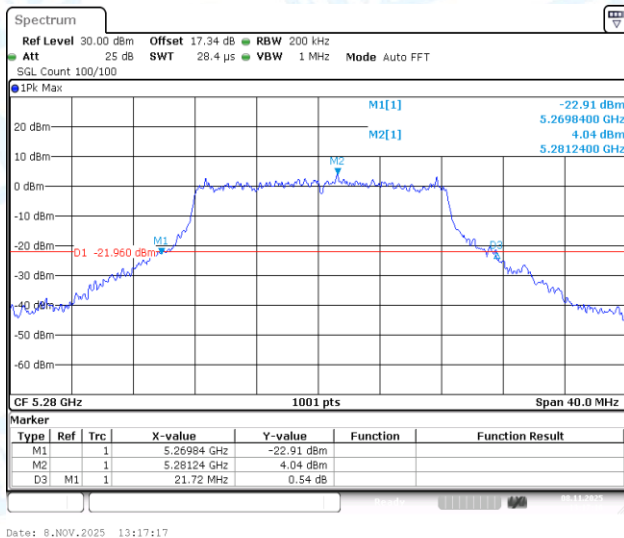
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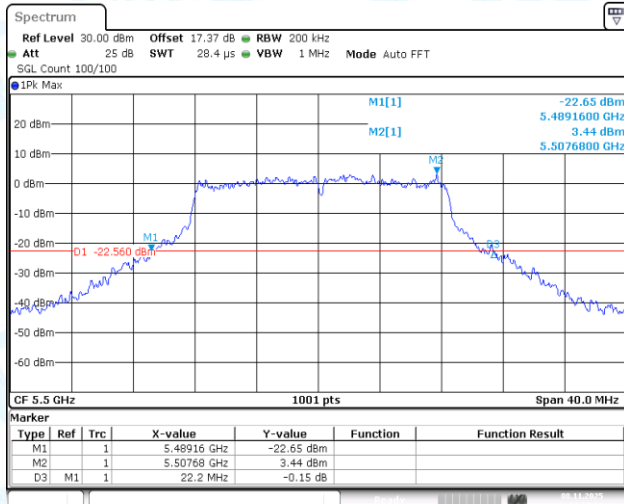
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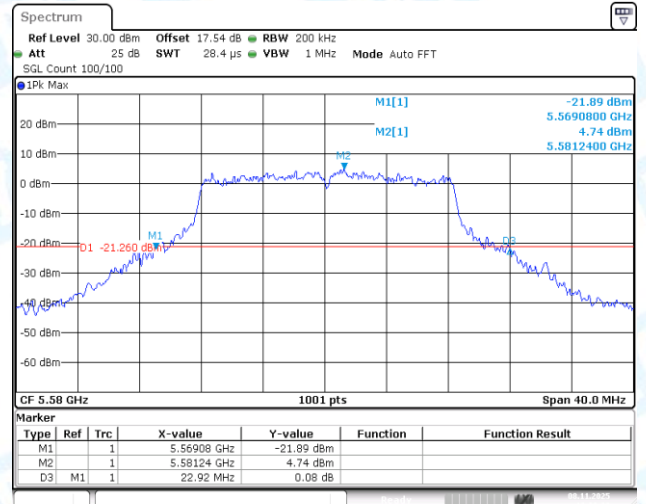


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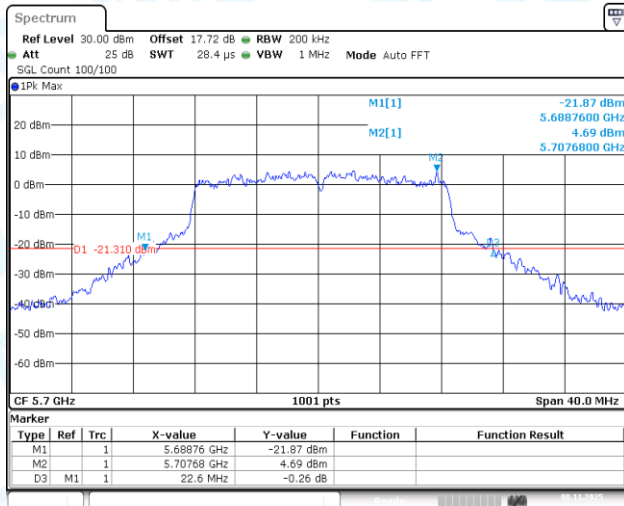
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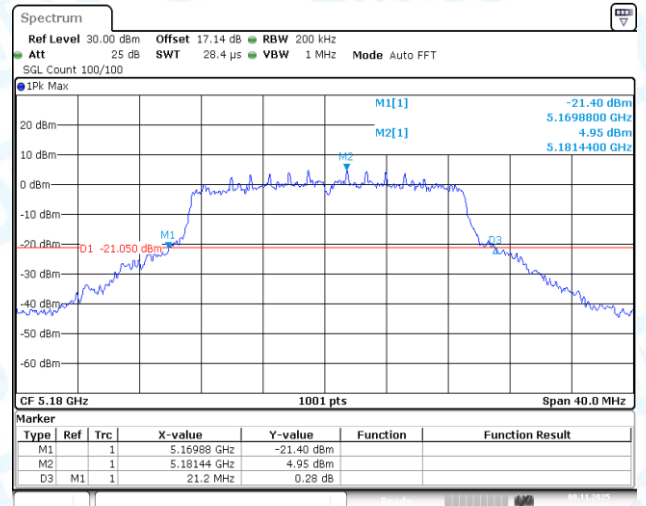
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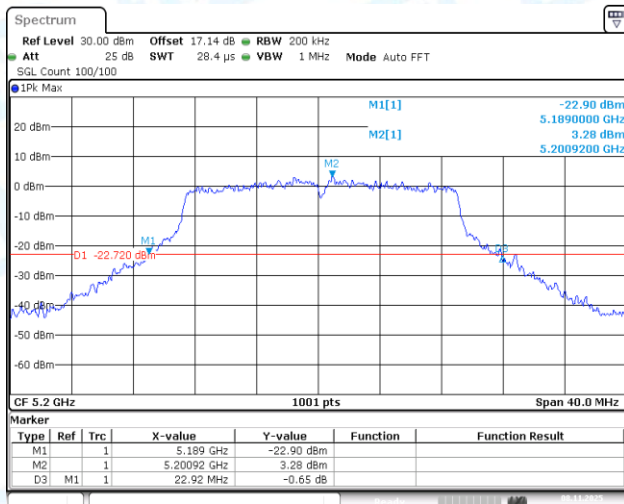
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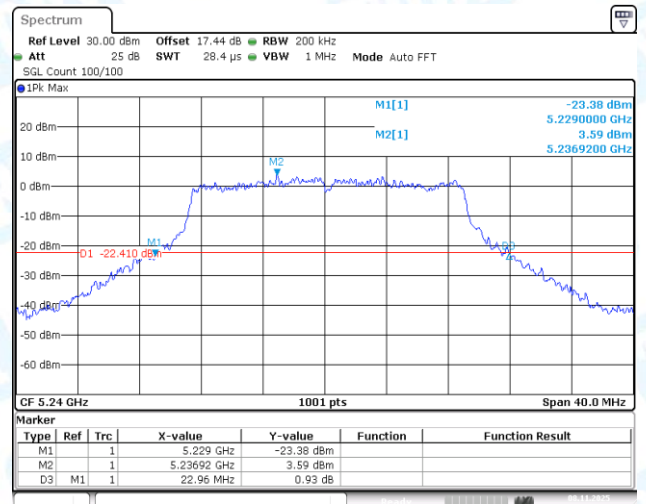
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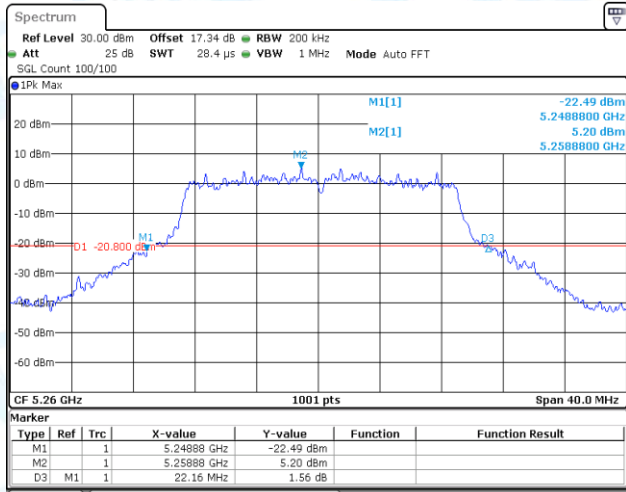
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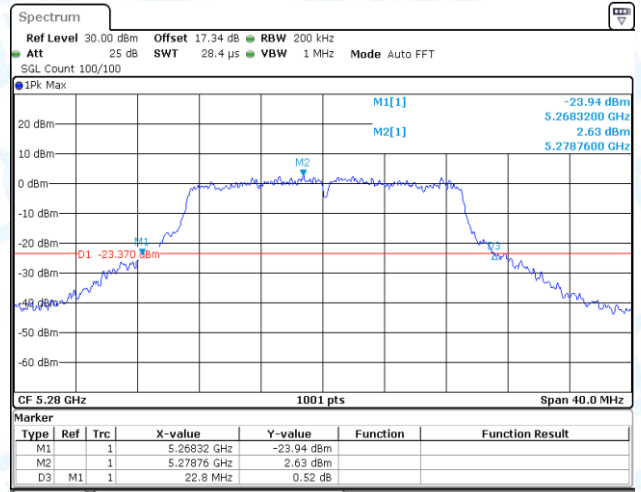
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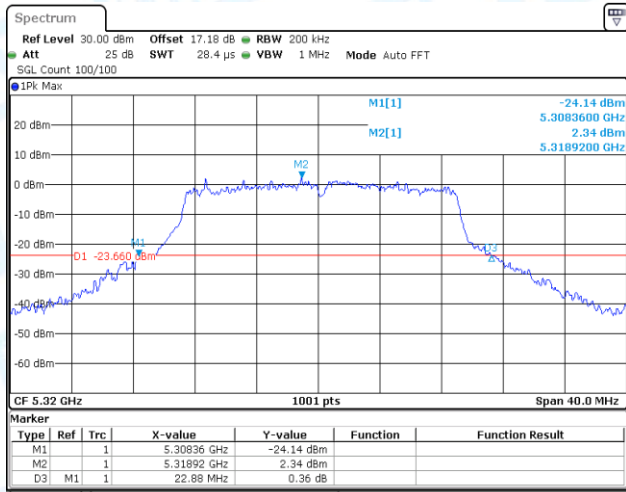


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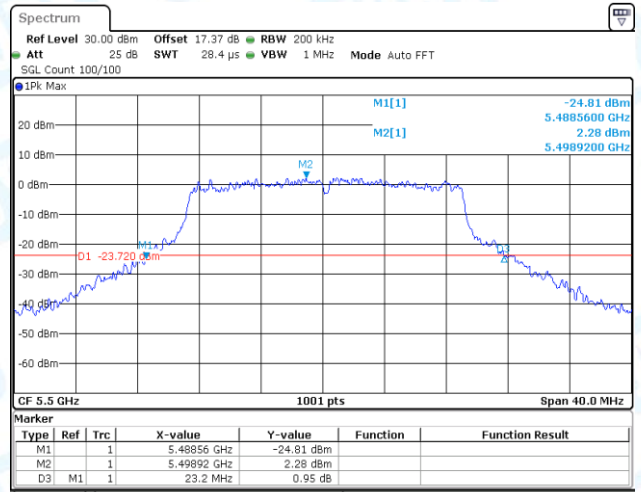
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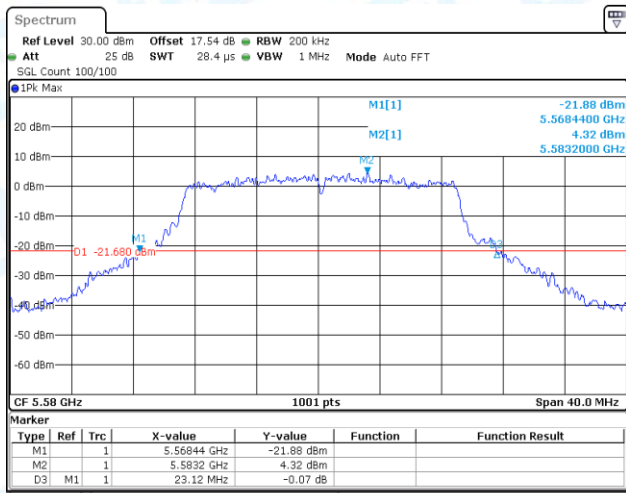
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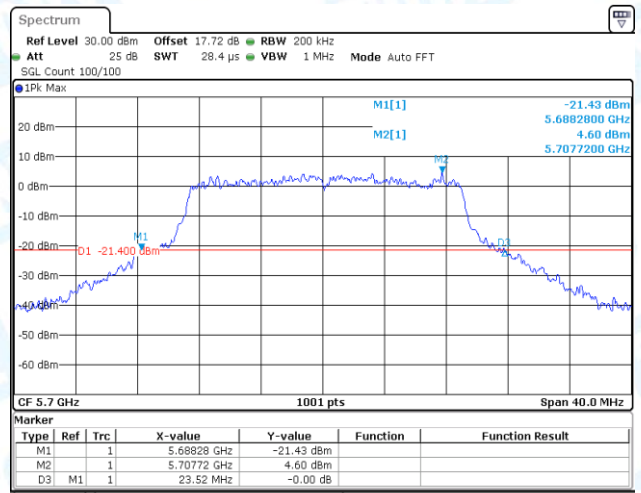
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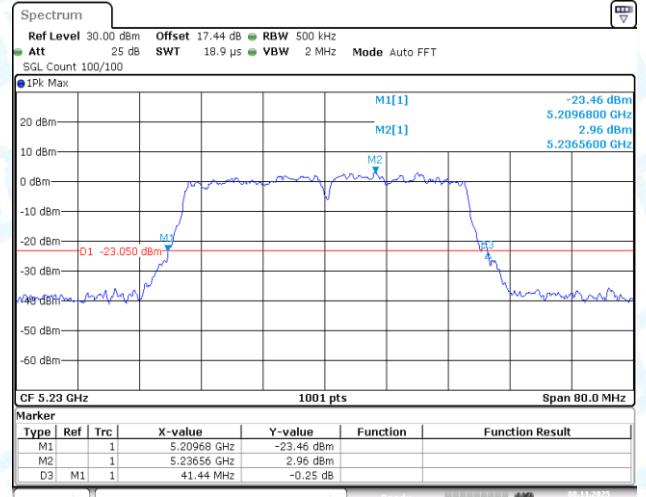
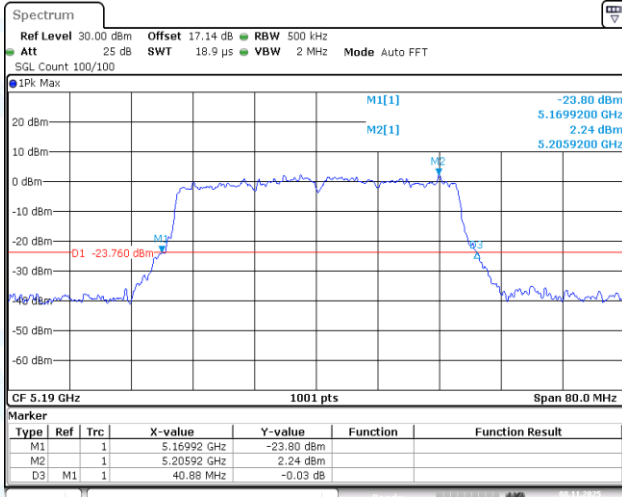
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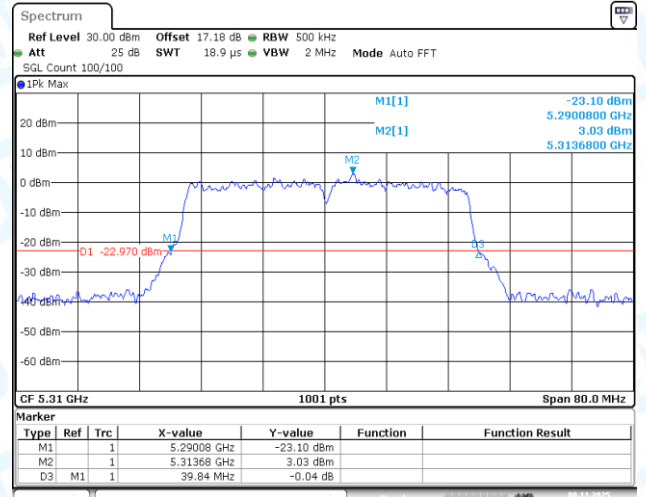
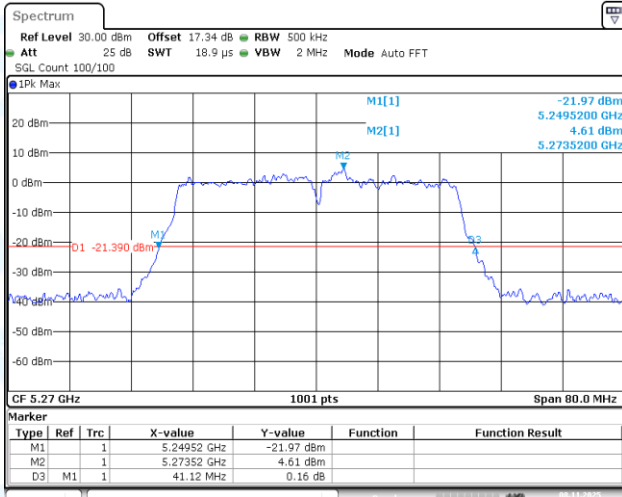
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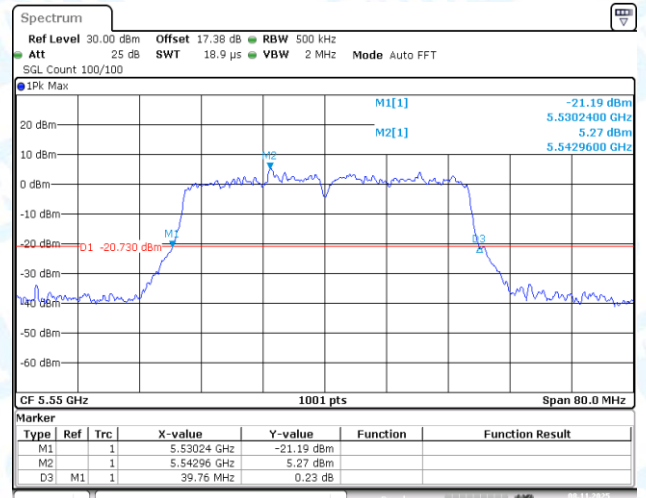
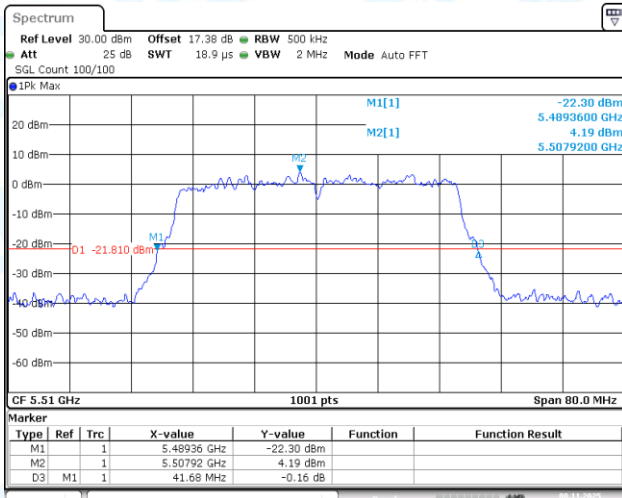
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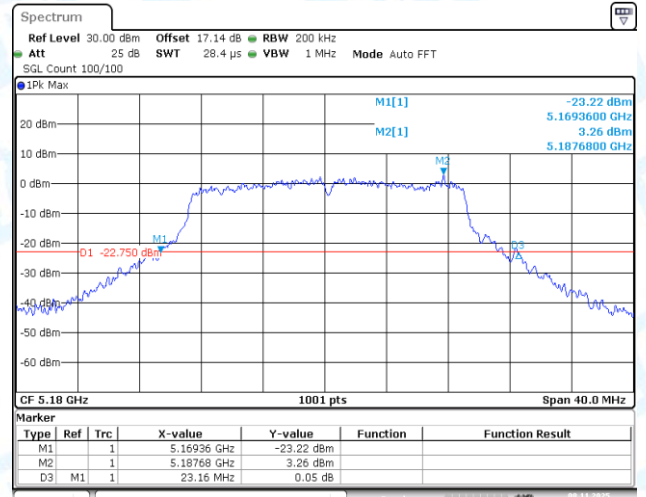
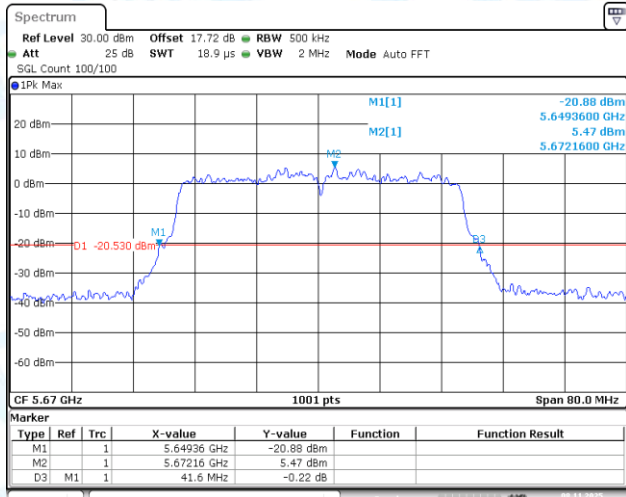
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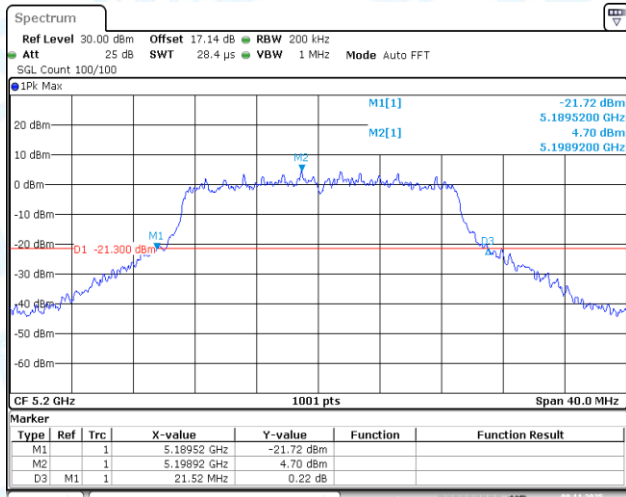


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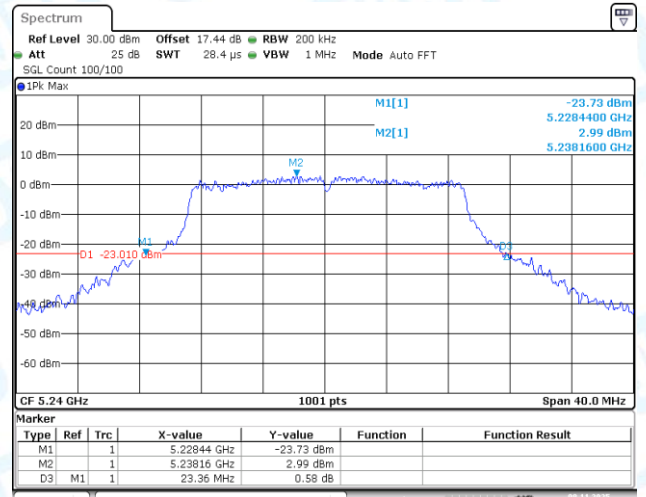
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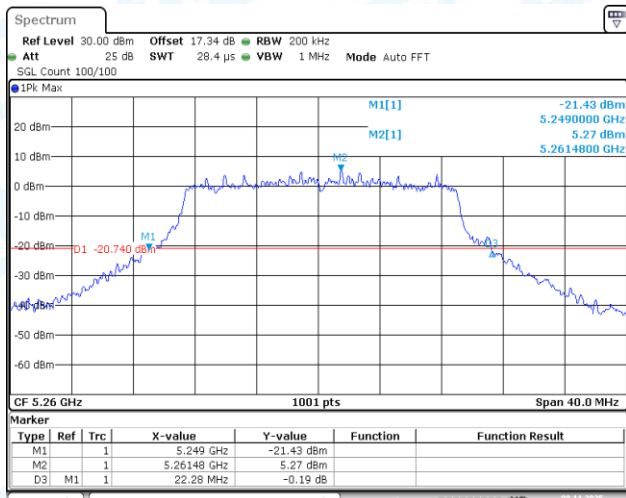
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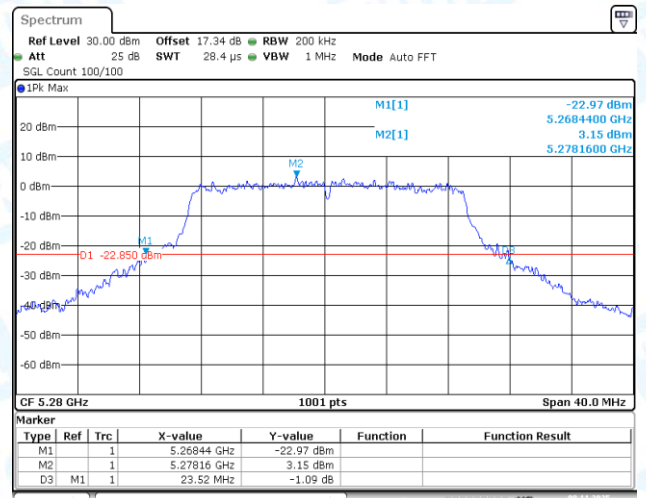
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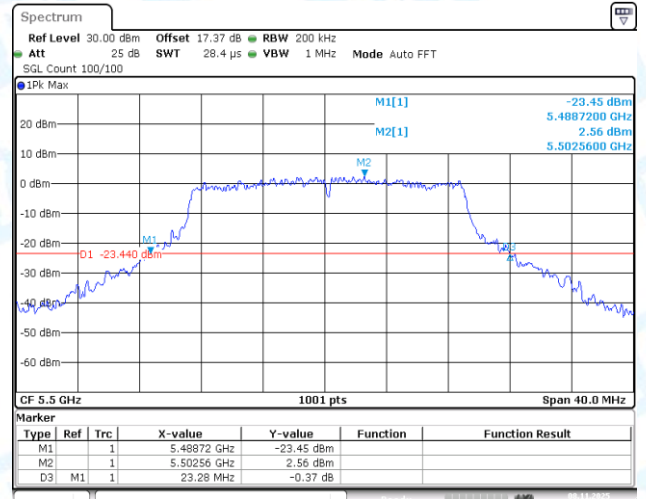
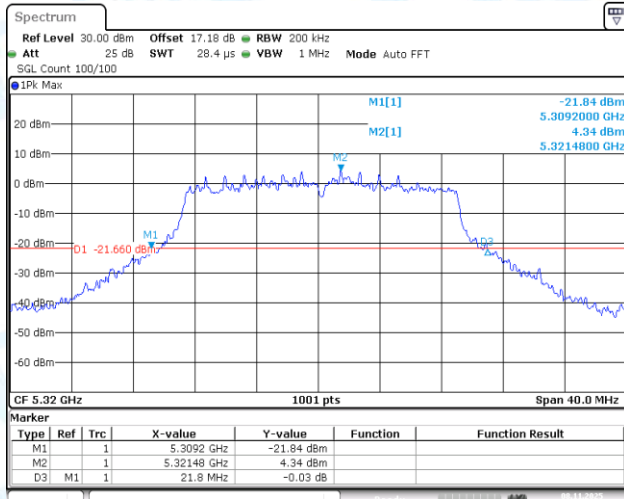


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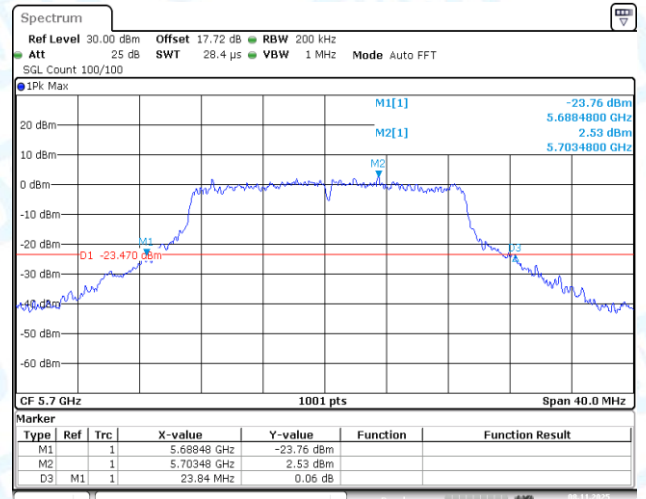
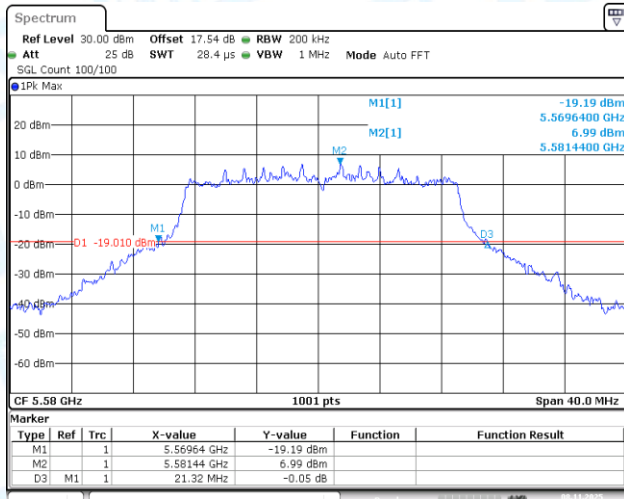


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11AC20SISO-Ant1-5280

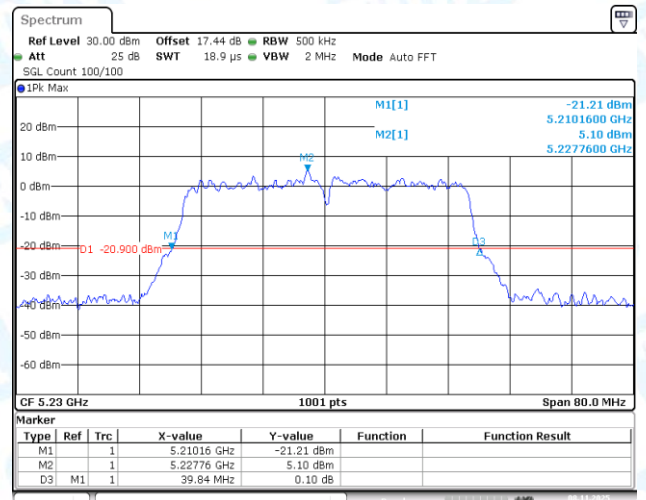
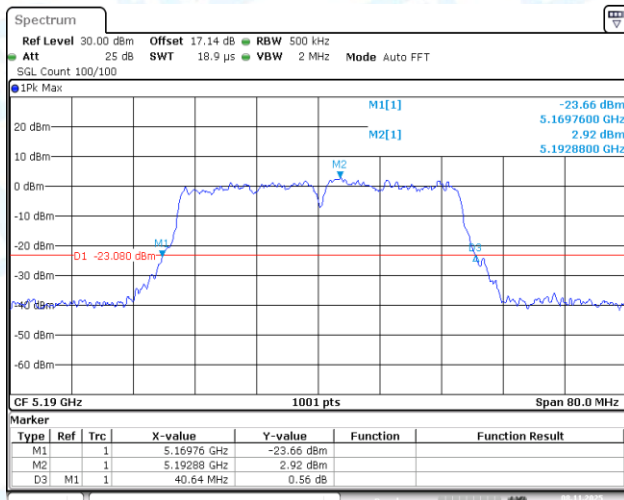


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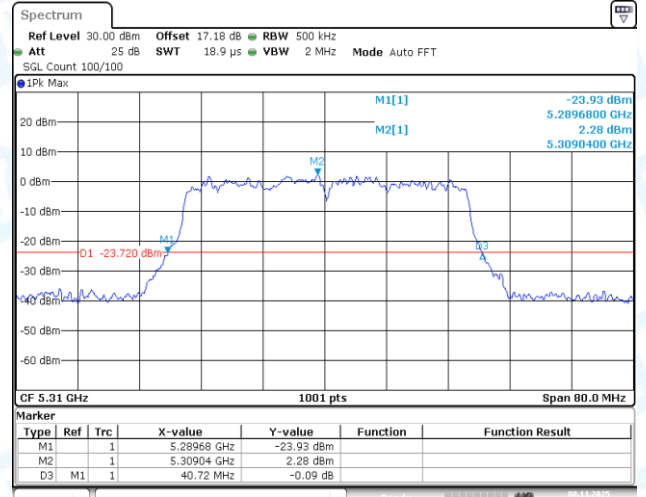
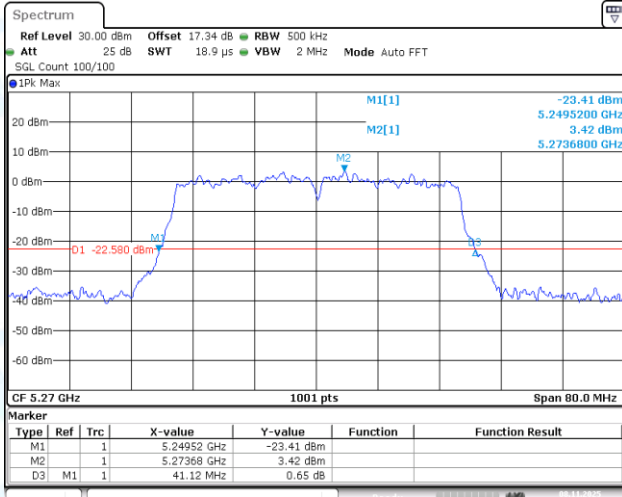
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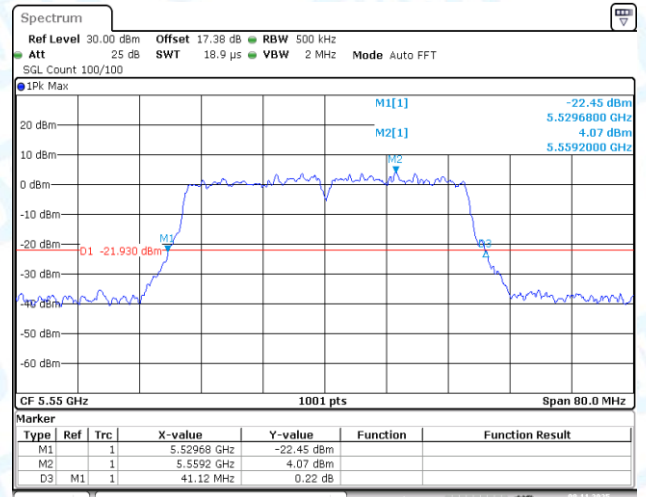
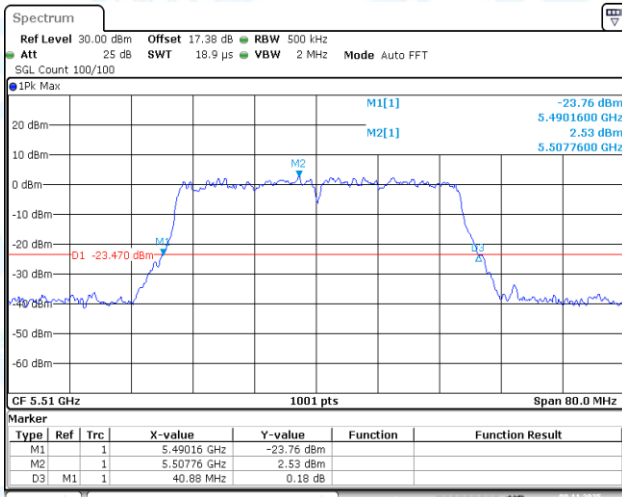
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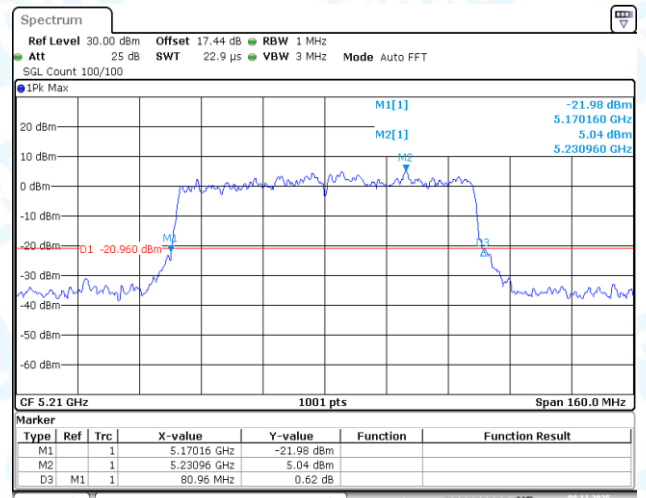
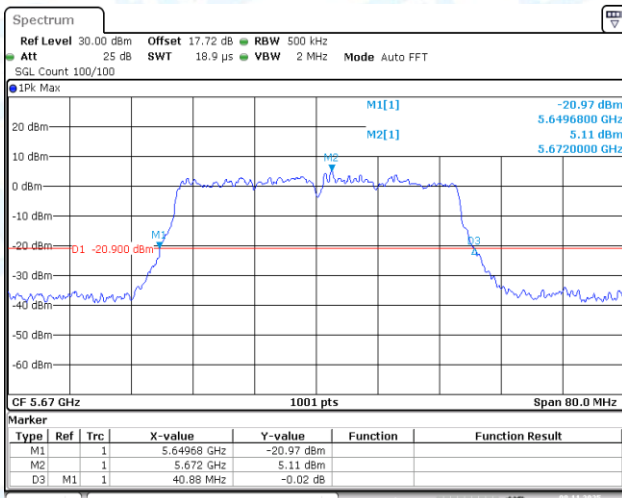
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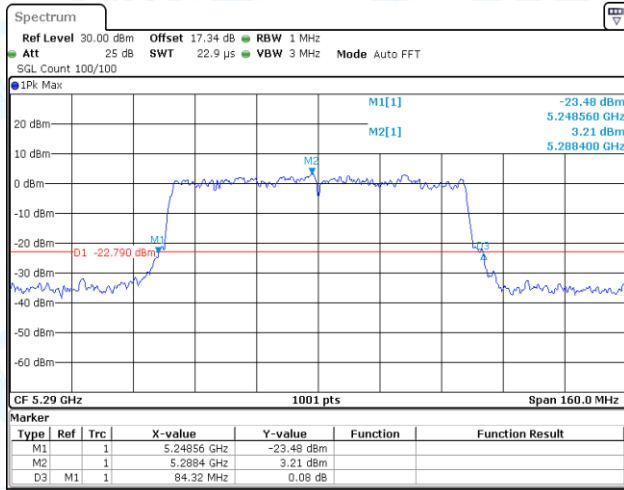
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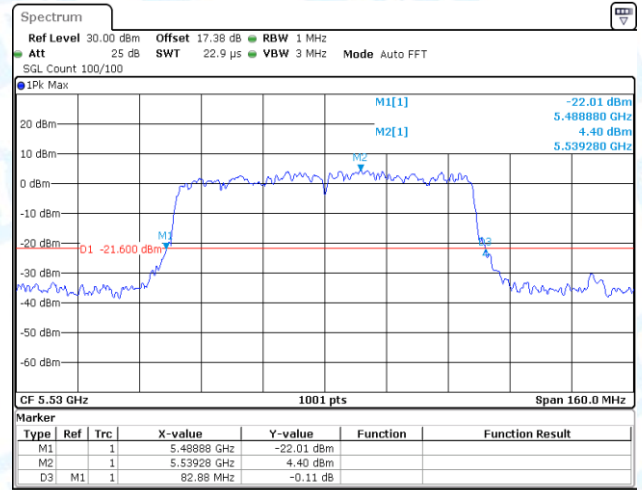


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11AC80SISO-Ant1-5210



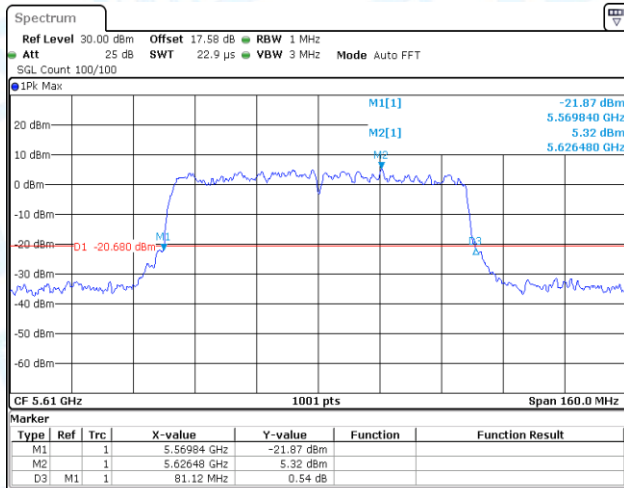
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11AC80SISO-Ant1-5530



Date: 8.NOV.2025 17:44:06

11AC80SISO-Ant1-5610

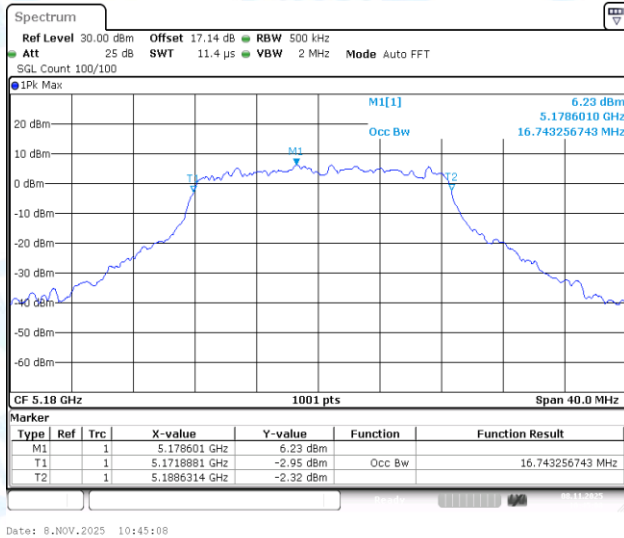
2: Occupied channel bandwidth

2.1 Test Result

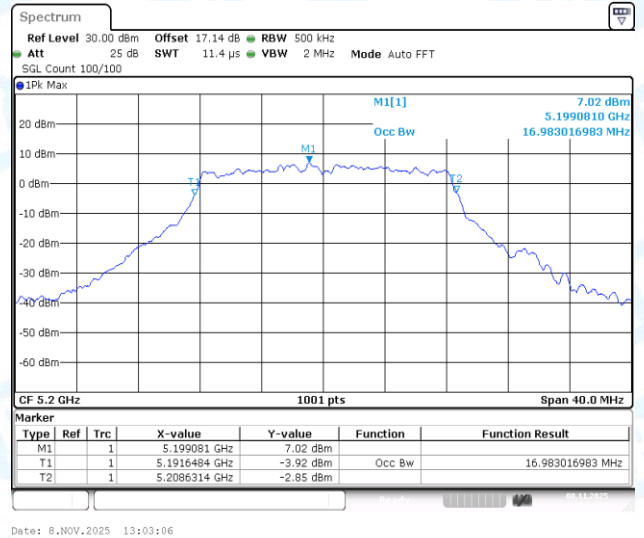
Test Mode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.743	5171.8881	5188.6314	---	---
11A	Ant1	5200	16.983	5191.6484	5208.6314	---	---
11A	Ant1	5240	16.783	5231.8082	5248.5914	---	---
11A	Ant1	5260	16.863	5251.6883	5268.5514	---	---
11A	Ant1	5280	16.823	5271.8082	5288.6314	---	---
11A	Ant1	5320	16.823	5311.7682	5328.5914	---	---
11A	Ant1	5500	17.303	5491.7283	5509.0310	---	---
11A	Ant1	5580	16.903	5571.8082	5588.7113	---	---
11A	Ant1	5700	17.063	5691.7682	5708.8312	---	---
11A	Ant1	5745	23.217	5733.2118	5756.4286	---	---
11A	Ant1	5785	23.457	5773.2118	5796.6683	---	---
11A	Ant1	5825	25.055	5812.7323	5837.7872	---	---
11N20SISO	Ant1	5180	17.982	5171.2887	5189.2707	---	---
11N20SISO	Ant1	5200	18.142	5191.2088	5209.3506	---	---
11N20SISO	Ant1	5240	18.022	5231.1688	5249.1908	---	---
11N20SISO	Ant1	5260	17.942	5251.2488	5269.1908	---	---
11N20SISO	Ant1	5280	17.982	5271.1688	5289.1508	---	---
11N20SISO	Ant1	5320	18.182	5311.1289	5329.3107	---	---
11N20SISO	Ant1	5500	18.182	5491.0490	5509.2308	---	---
11N20SISO	Ant1	5580	18.262	5571.1289	5589.3906	---	---
11N20SISO	Ant1	5700	18.342	5691.0490	5709.3906	---	---
11N20SISO	Ant1	5745	22.777	5733.3317	5756.1089	---	---
11N20SISO	Ant1	5785	24.695	5772.3726	5797.0679	---	---
11N20SISO	Ant1	5825	25.934	5811.7333	5837.6673	---	---
11N40SISO	Ant1	5190	36.284	5172.0979	5208.3816	---	---
11N40SISO	Ant1	5230	36.444	5212.0180	5248.4615	---	---
11N40SISO	Ant1	5270	36.364	5251.9381	5288.3017	---	---
11N40SISO	Ant1	5310	36.683	5292.0180	5328.7013	---	---
11N40SISO	Ant1	5510	36.444	5492.0979	5528.5415	---	---
11N40SISO	Ant1	5550	36.444	5532.0979	5568.5415	---	---
11N40SISO	Ant1	5670	36.683	5651.8581	5688.5415	---	---
11N40SISO	Ant1	5755	36.523	5736.9381	5773.4615	---	---
11N40SISO	Ant1	5795	36.683	5776.7782	5813.4615	---	---
11AC20SISO	Ant1	5180	18.102	5171.2088	5189.3107	---	---
11AC20SISO	Ant1	5200	18.062	5191.3287	5209.3906	---	---
11AC20SISO	Ant1	5240	17.982	5231.2488	5249.2308	---	---
11AC20SISO	Ant1	5260	18.382	5250.9291	5269.3107	---	---
11AC20SISO	Ant1	5280	18.222	5271.0490	5289.2707	---	---
11AC20SISO	Ant1	5320	18.022	5311.1688	5329.1908	---	---
11AC20SISO	Ant1	5500	18.142	5491.2887	5509.4306	---	---
11AC20SISO	Ant1	5580	18.062	5571.2088	5589.2707	---	---

11AC20SISO	Ant1	5700	17.942	5691.2488	5709.1908	---	---
11AC20SISO	Ant1	5745	23.457	5733.3716	5756.8282	---	---
11AC20SISO	Ant1	5785	23.896	5773.0519	5796.9481	---	---
11AC20SISO	Ant1	5825	26.174	5811.6134	5837.7872	---	---
11AC40SISO	Ant1	5190	36.523	5172.0180	5208.5415	---	---
11AC40SISO	Ant1	5230	36.843	5211.7782	5248.6214	---	---
11AC40SISO	Ant1	5270	36.444	5251.8581	5288.3017	---	---
11AC40SISO	Ant1	5310	36.364	5292.0180	5328.3816	---	---
11AC40SISO	Ant1	5510	36.444	5492.0979	5528.5415	---	---
11AC40SISO	Ant1	5550	36.364	5532.0180	5568.3816	---	---
11AC40SISO	Ant1	5670	36.843	5651.6184	5688.4615	---	---
11AC40SISO	Ant1	5755	36.444	5737.0180	5773.4615	---	---
11AC40SISO	Ant1	5795	36.603	5776.8581	5813.4615	---	---
11AC80SISO	Ant1	5210	75.285	5172.7572	5248.0420	---	---
11AC80SISO	Ant1	5290	76.244	5251.9580	5328.2018	---	---
11AC80SISO	Ant1	5530	75.924	5492.1179	5568.0420	---	---
11AC80SISO	Ant1	5610	75.924	5572.2777	5648.2018	---	---
11AC80SISO	Ant1	5775	75.924	5737.1179	5813.0420	---	---

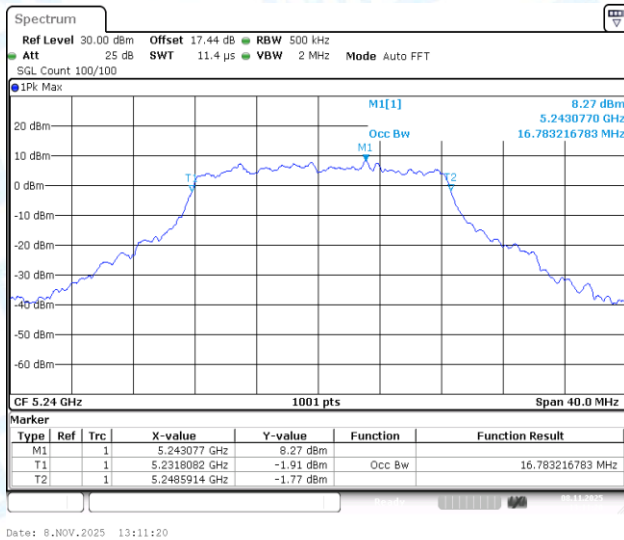
2.2 Test Graphs



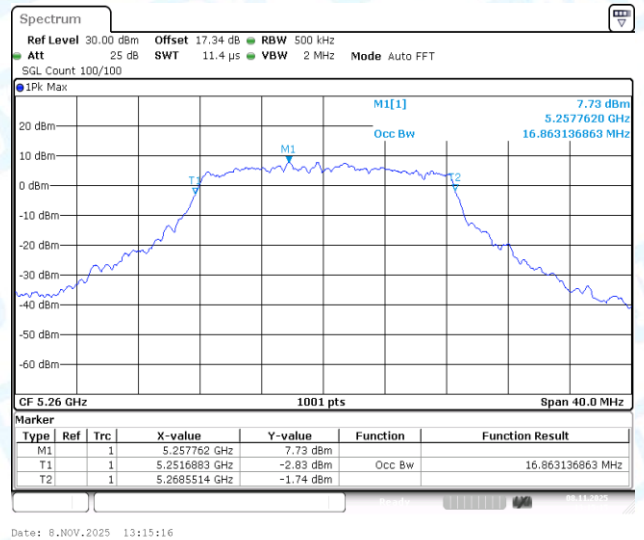
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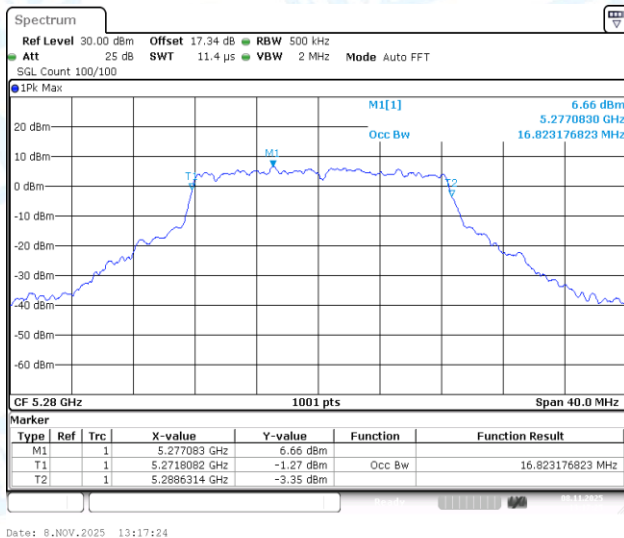
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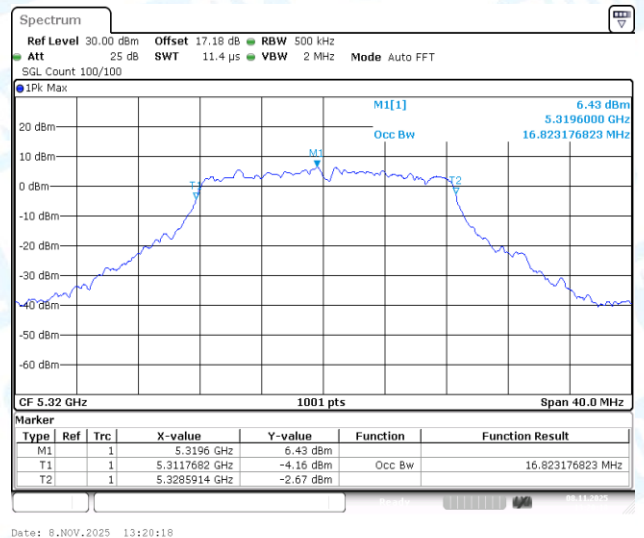
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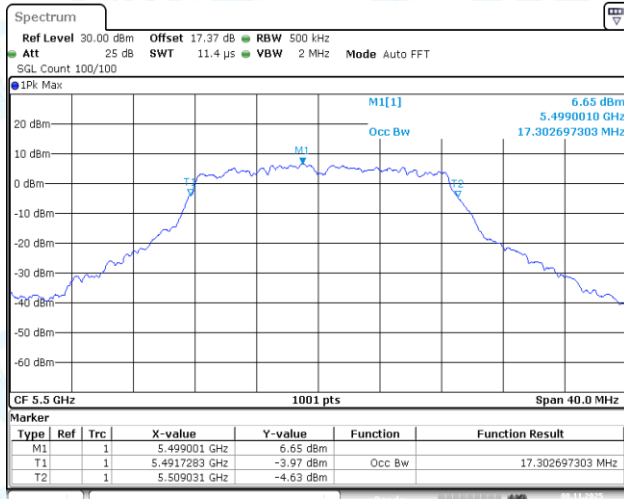
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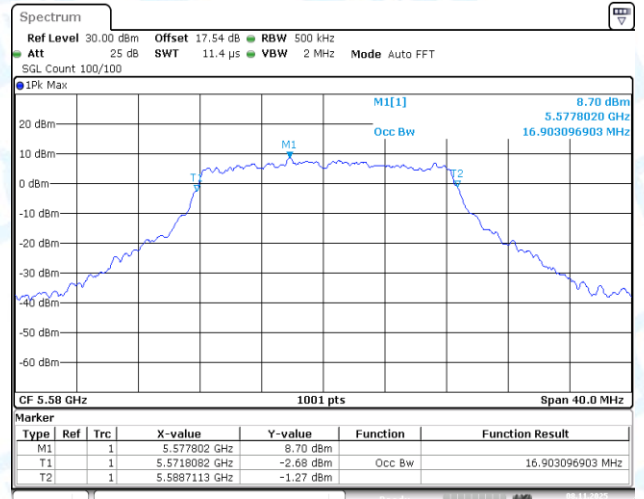
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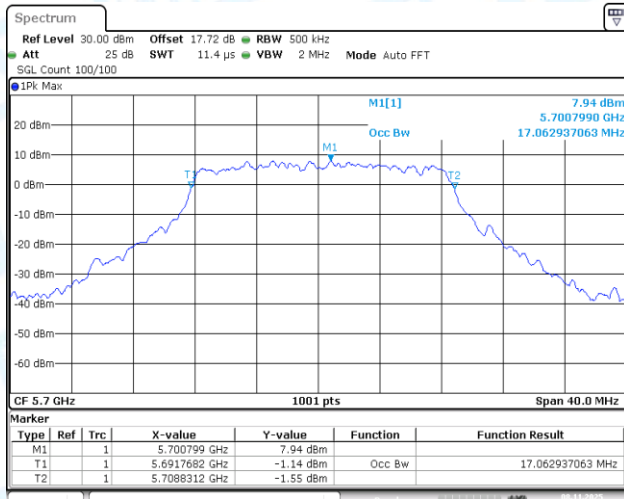
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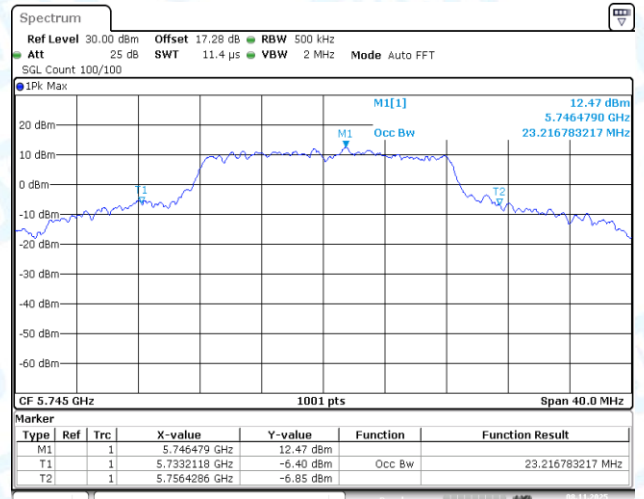
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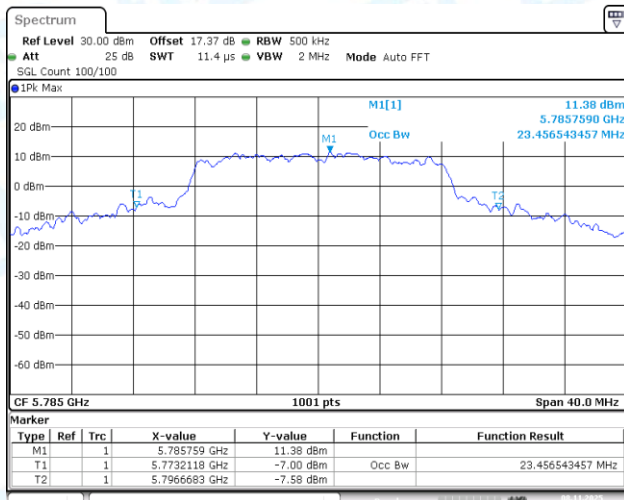
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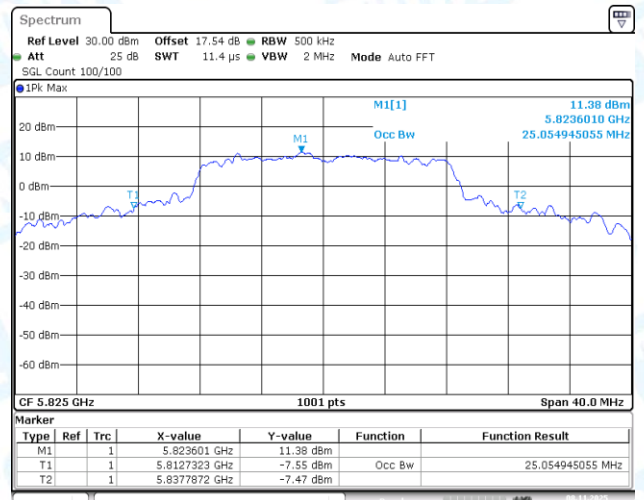
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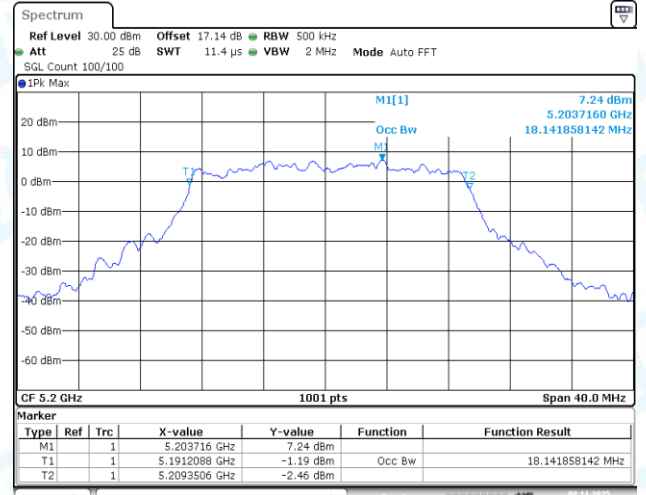
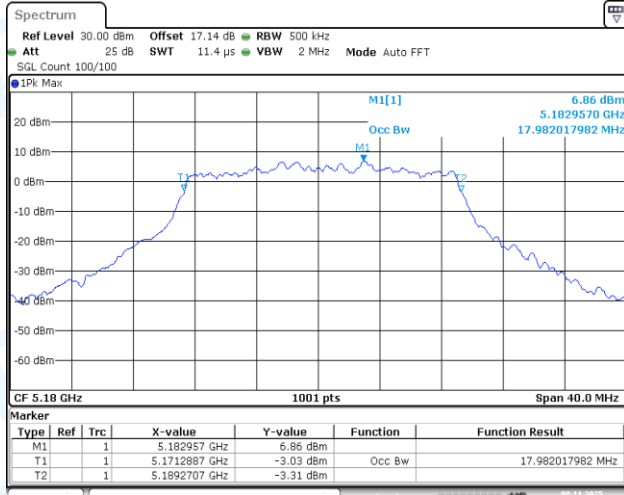
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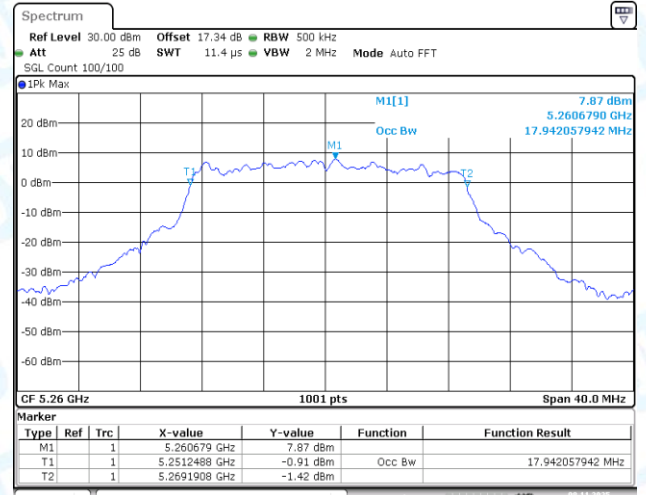
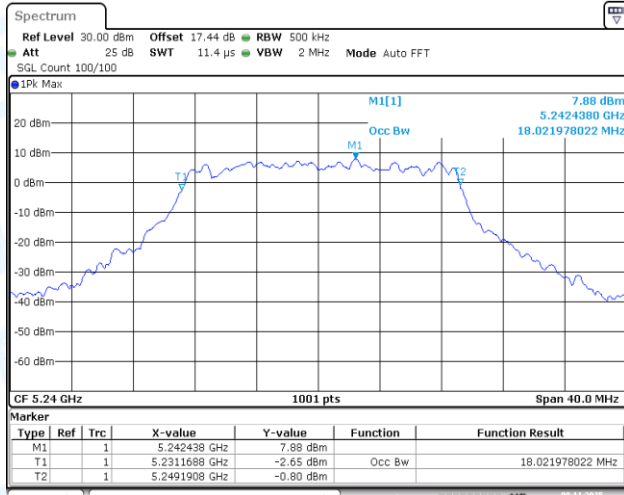


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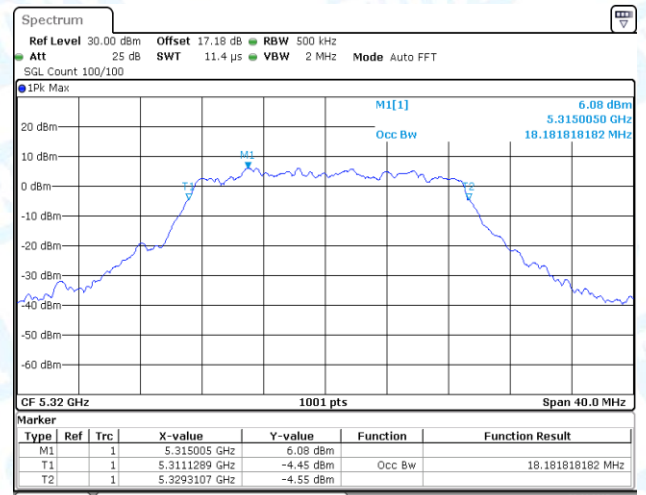
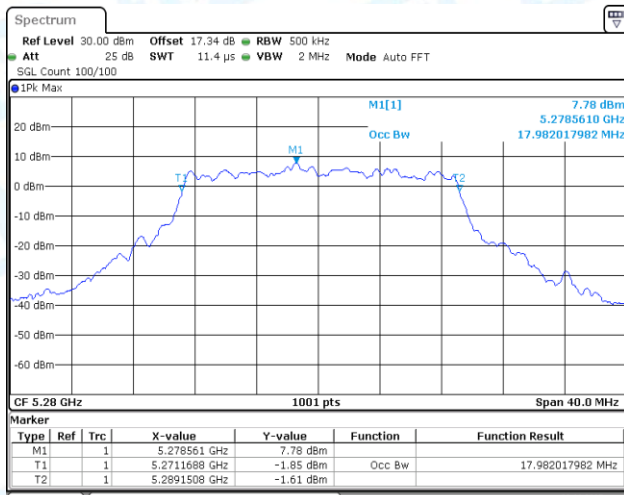
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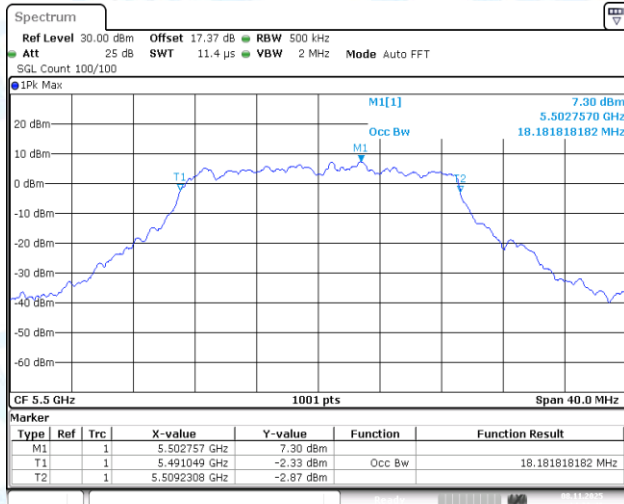
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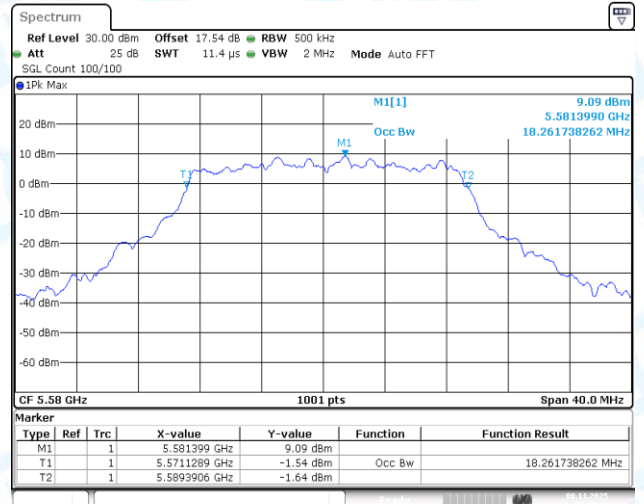


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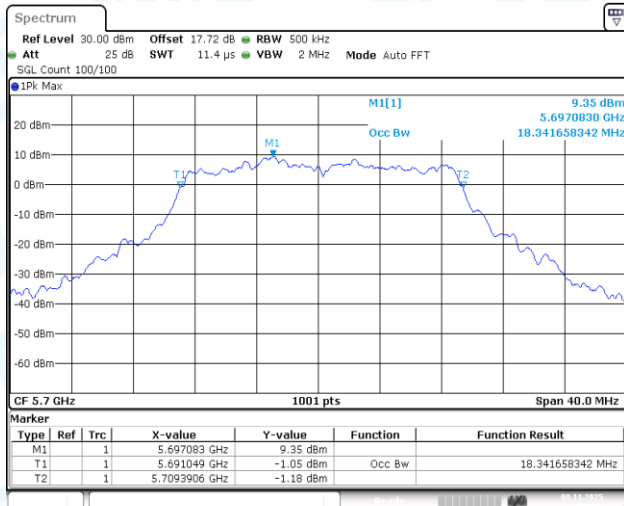
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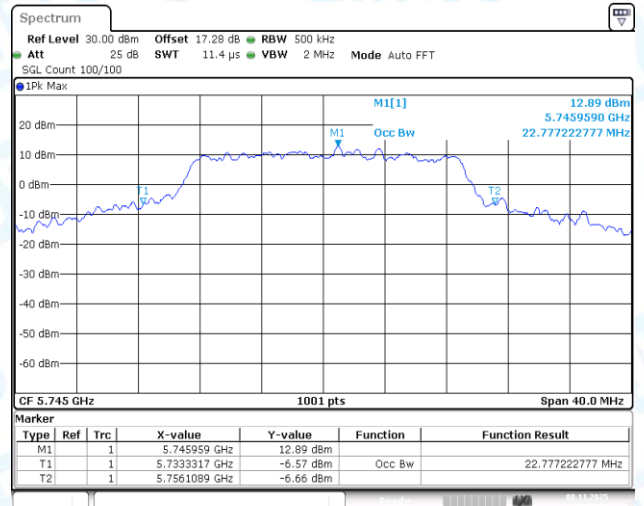
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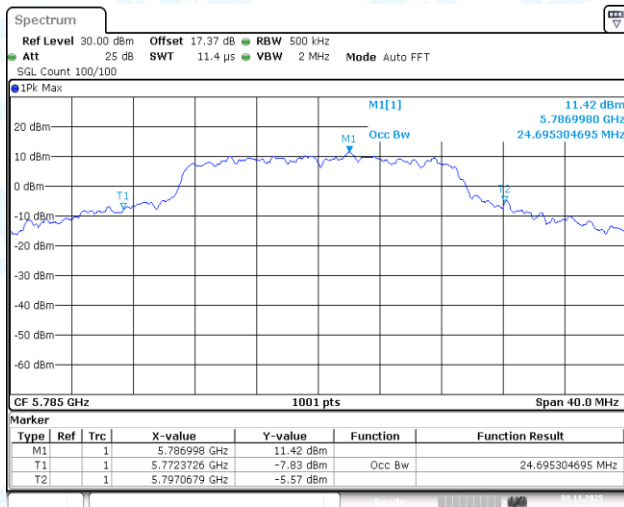
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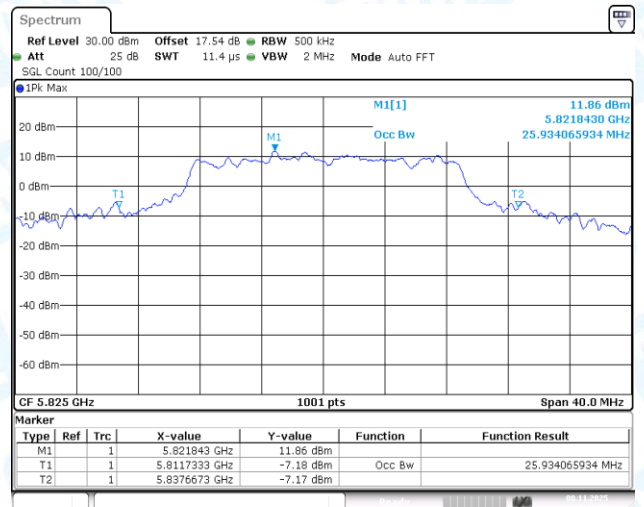
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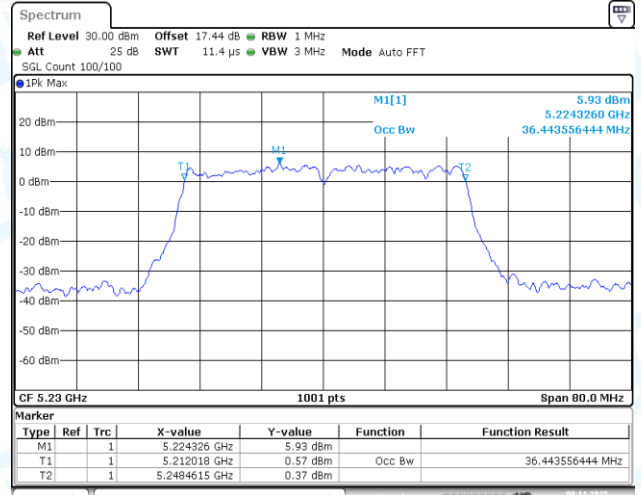
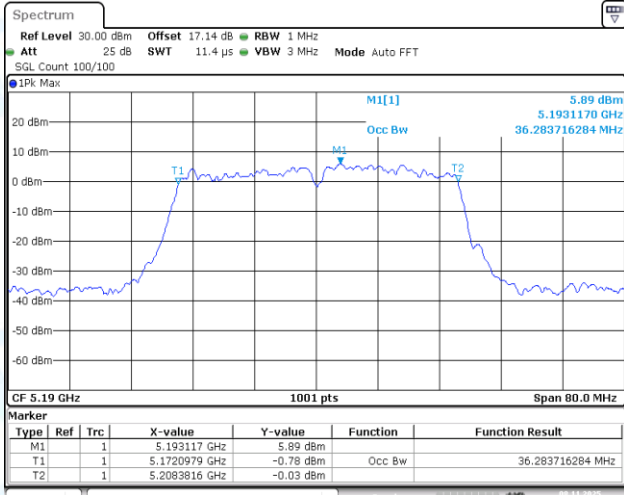
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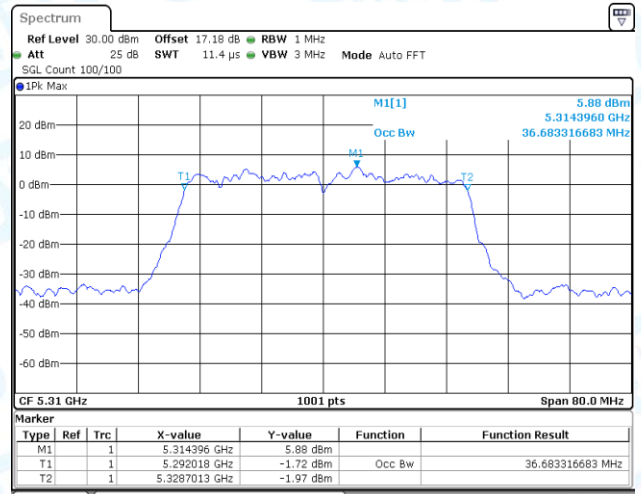
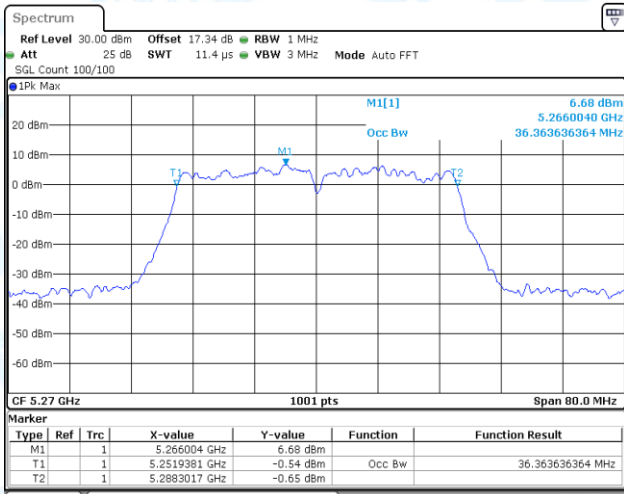
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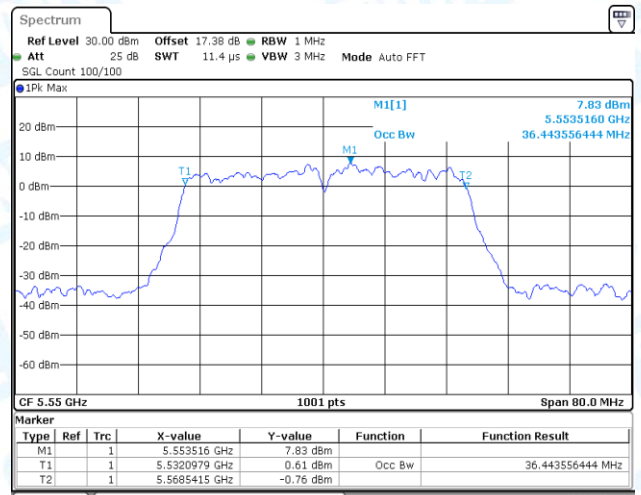
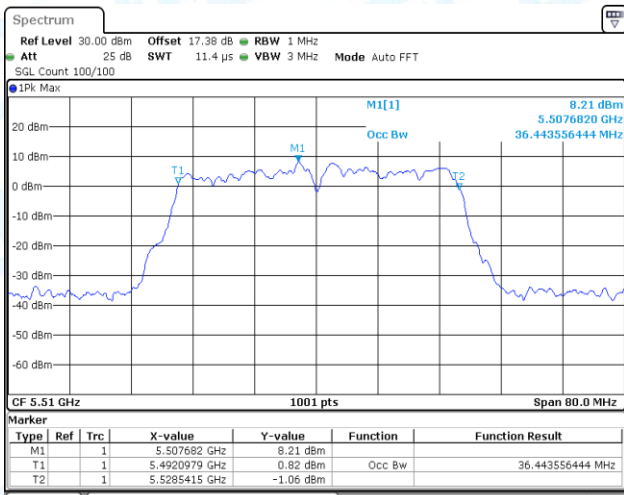
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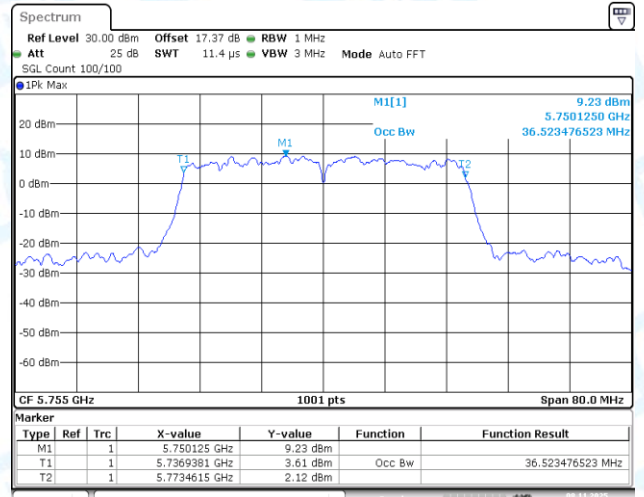
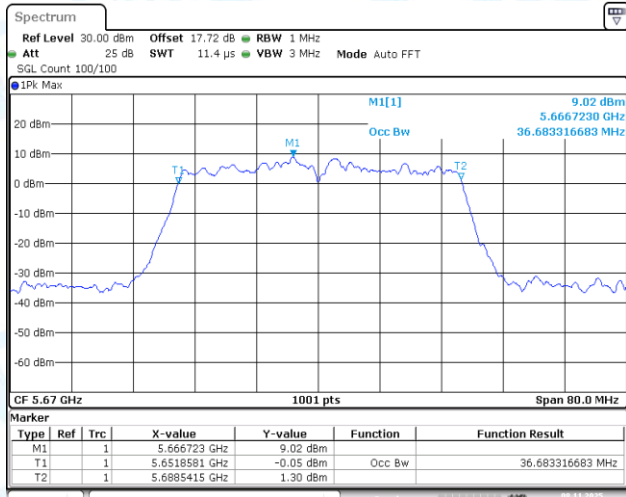
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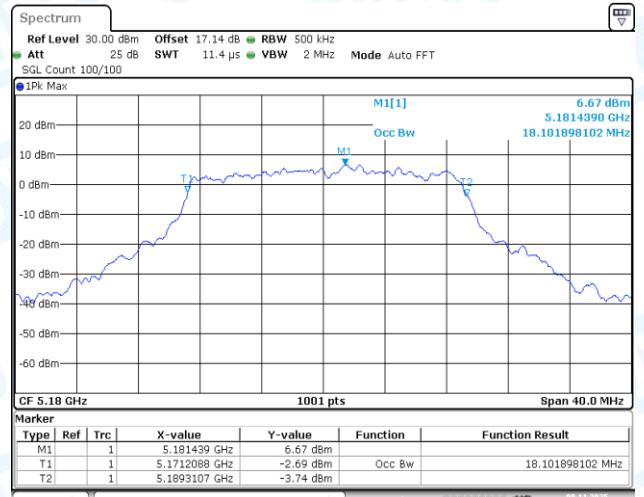
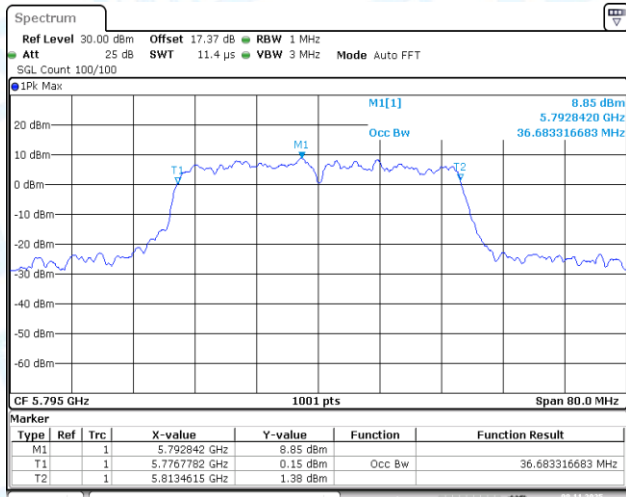
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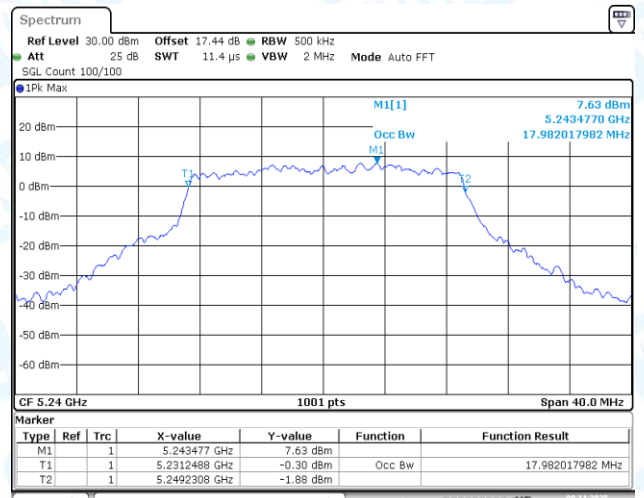
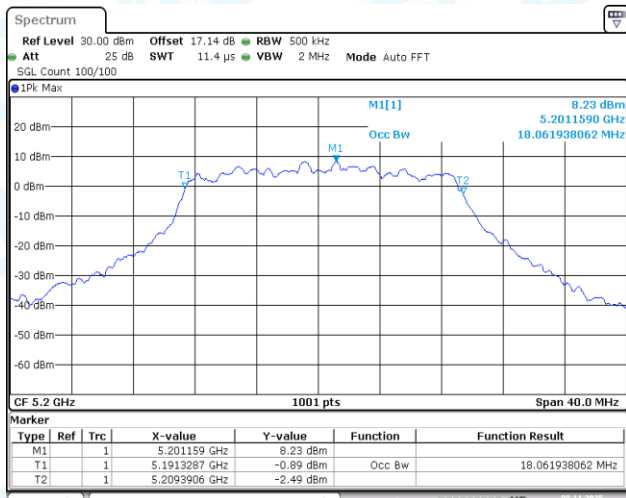
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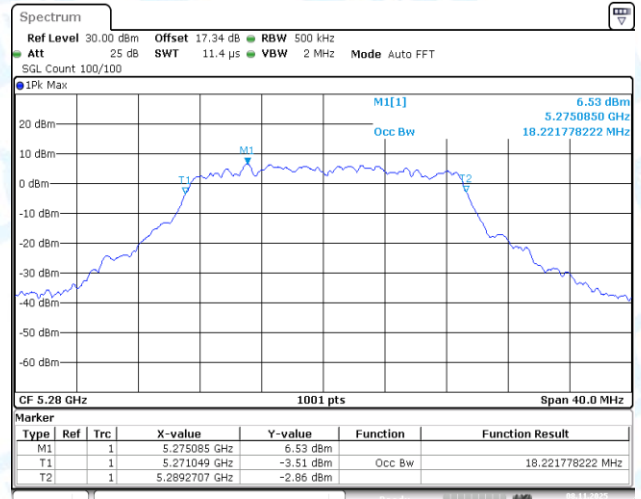
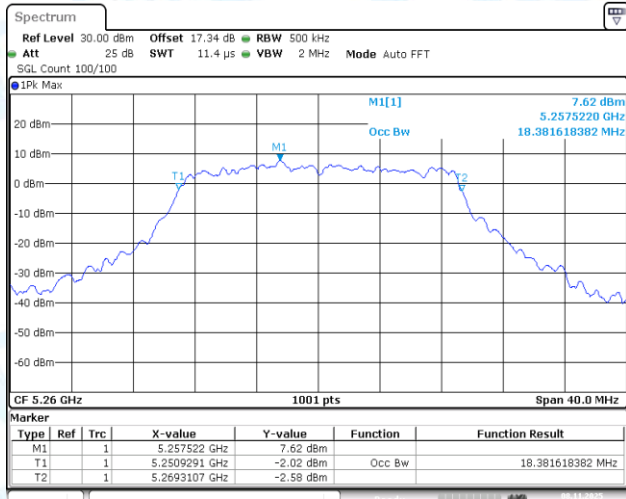
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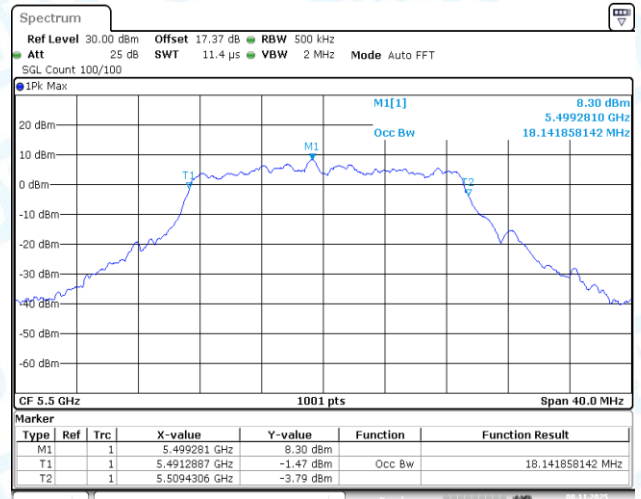
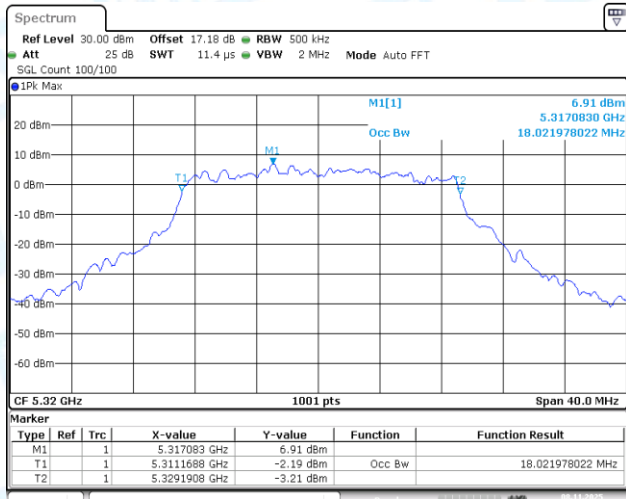
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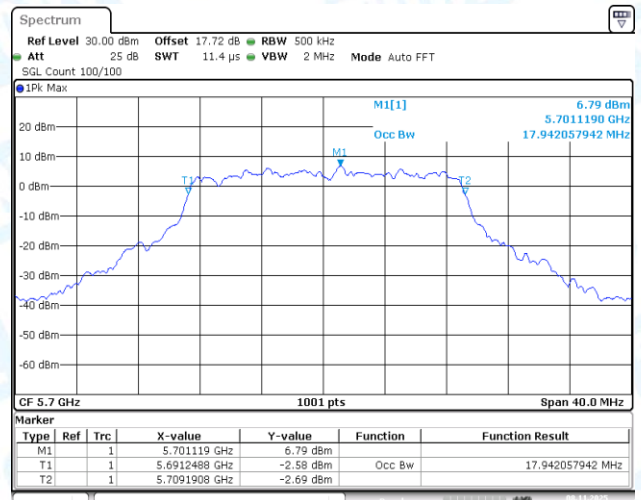
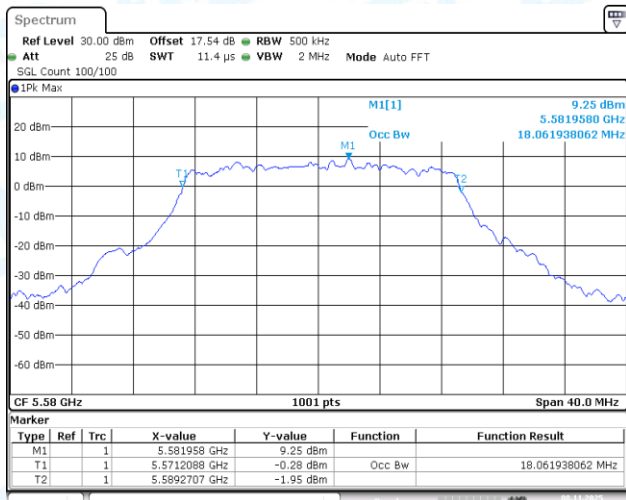
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