

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

General Description of EUT	
EUT Name:	All-in-One Solar AI Wi-Fi Security Camera
Model:	CM-BC7WU
Sample ID:	HC-C-202603-0005-1-01
Environmental Conditions	
Ambient Temperature:	23.9℃
Ambient Humidity:	52%
Test Power Supply:	DC 5V
Test Engineer:	Lily Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202603-0005-72.	

Contents

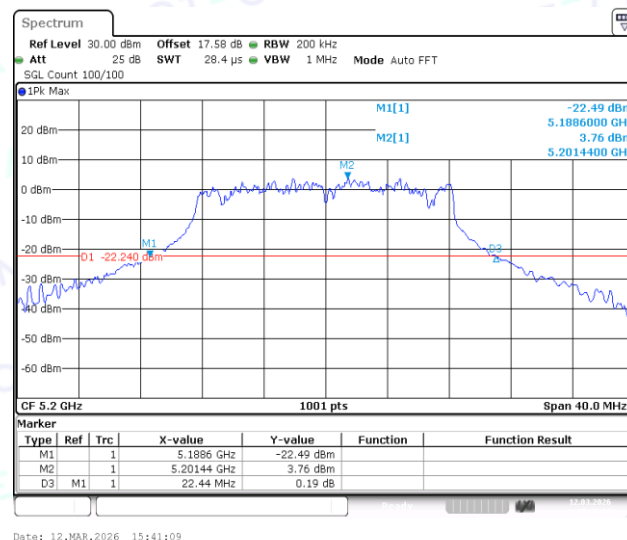
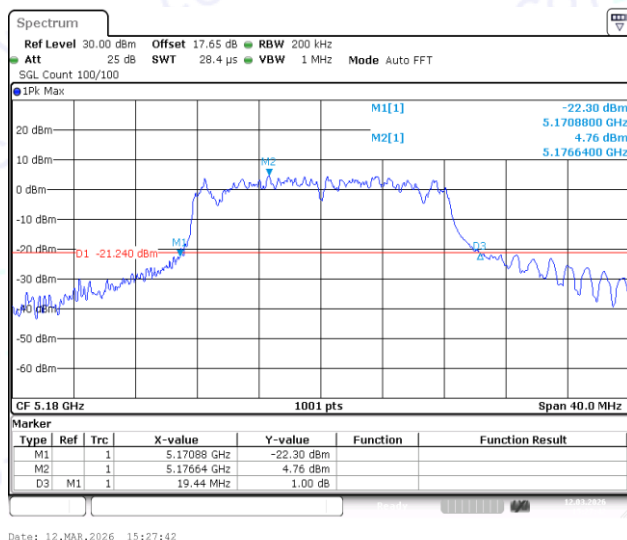
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1: Emission Bandwidth

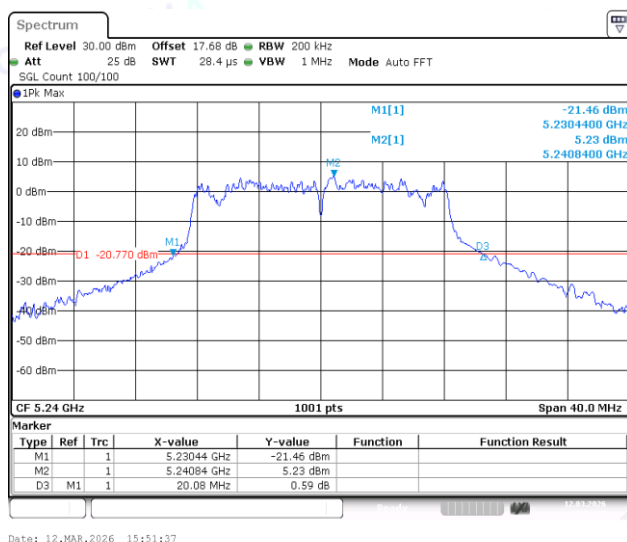
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	19.44	5170.88	5190.32	---	---
11A	Ant1	5200	22.44	5188.60	5211.04	---	---
11A	Ant1	5240	20.08	5230.44	5250.52	---	---
11A	Ant1	5260	23.40	5248.96	5272.36	---	---
11A	Ant1	5280	20.20	5270.76	5290.96	---	---
11A	Ant1	5320	20.24	5309.48	5329.72	---	---
11A	Ant1	5500	21.32	5489.24	5510.56	---	---
11A	Ant1	5580	22.08	5569.20	5591.28	---	---
11A	Ant1	5700	20.68	5690.04	5710.72	---	---
11N20SISO	Ant1	5180	23.12	5168.80	5191.92	---	---
11N20SISO	Ant1	5200	21.32	5189.32	5210.64	---	---
11N20SISO	Ant1	5240	25.16	5227.64	5252.80	---	---
11N20SISO	Ant1	5260	24.68	5248.00	5272.68	---	---
11N20SISO	Ant1	5280	25.08	5267.12	5292.20	---	---
11N20SISO	Ant1	5320	25.52	5307.36	5332.88	---	---
11N20SISO	Ant1	5500	26.20	5486.52	5512.72	---	---
11N20SISO	Ant1	5580	26.28	5566.84	5593.12	---	---
11N20SISO	Ant1	5700	25.08	5687.76	5712.84	---	---
11N40SISO	Ant1	5190	44.16	5168.40	5212.56	---	---
11N40SISO	Ant1	5230	46.00	5206.48	5252.48	---	---
11N40SISO	Ant1	5270	44.32	5248.56	5292.88	---	---
11N40SISO	Ant1	5310	45.04	5287.36	5332.40	---	---
11N40SISO	Ant1	5510	44.40	5487.92	5532.32	---	---
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11AC20SISO	Ant1	5280	24.76	5267.92	5292.68	---	---
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11AC20SISO	Ant1	5700	26.40	5686.28	5712.68	---	---
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11AX40SISO	Ant1	5190	40.96	5169.28	5210.24	---	---
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11AX40SISO	Ant1	5270	42.96	5248.88	5291.84	---	---
11AX40SISO	Ant1	5310	40.88	5290.32	5331.20	---	---
11AX40SISO	Ant1	5510	39.84	5489.84	5529.68	---	---
11AX40SISO	Ant1	5550	42.08	5527.84	5569.92	---	---
11AX40SISO	Ant1	5670	40.88	5648.80	5689.68	---	---

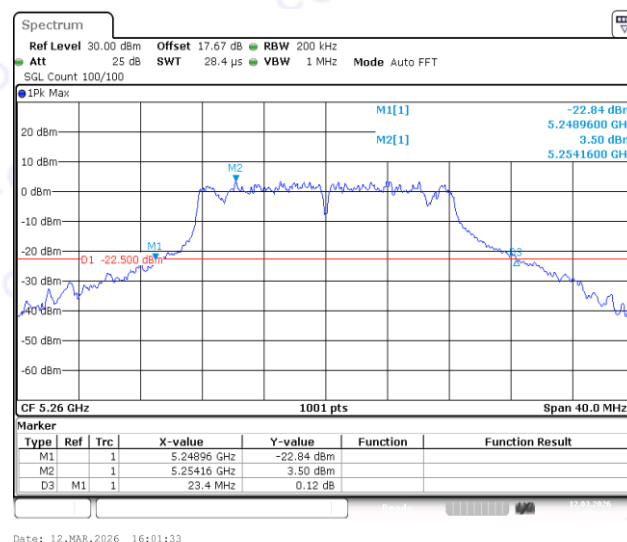
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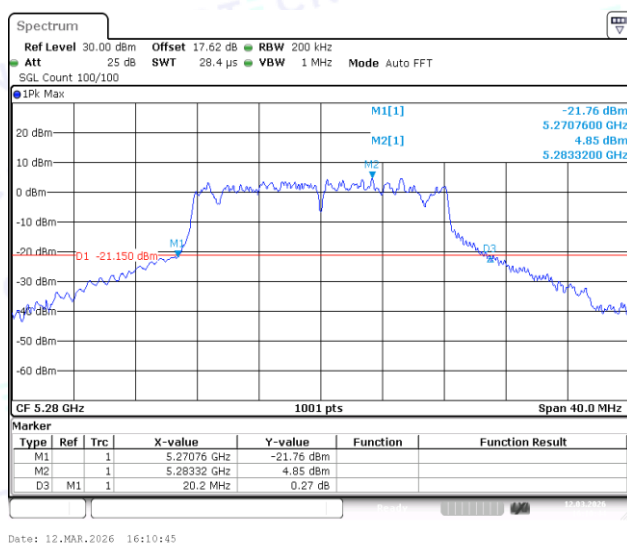
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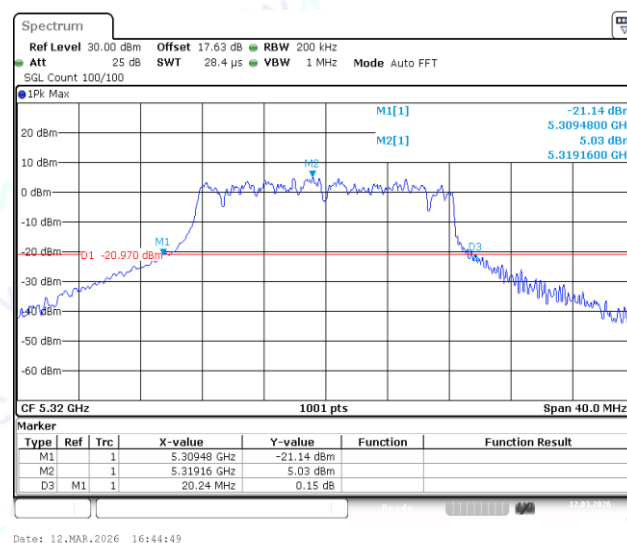
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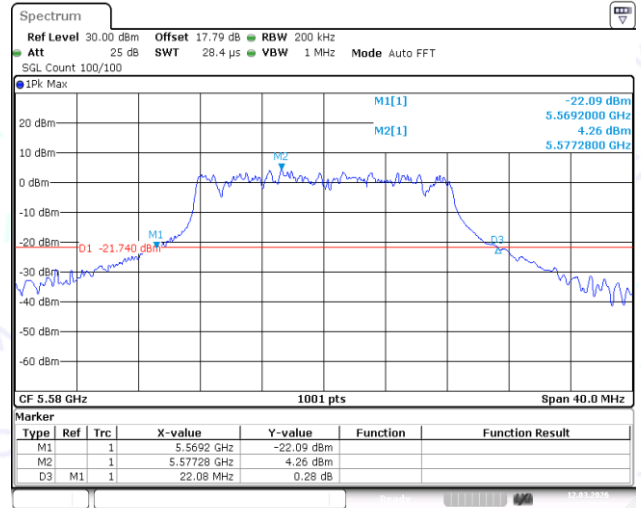
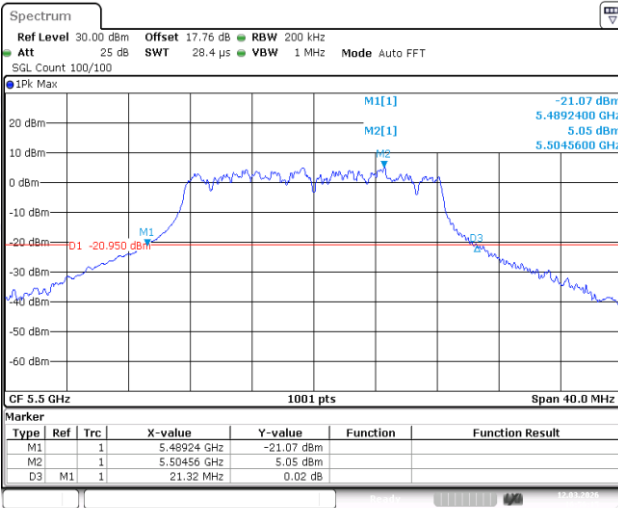


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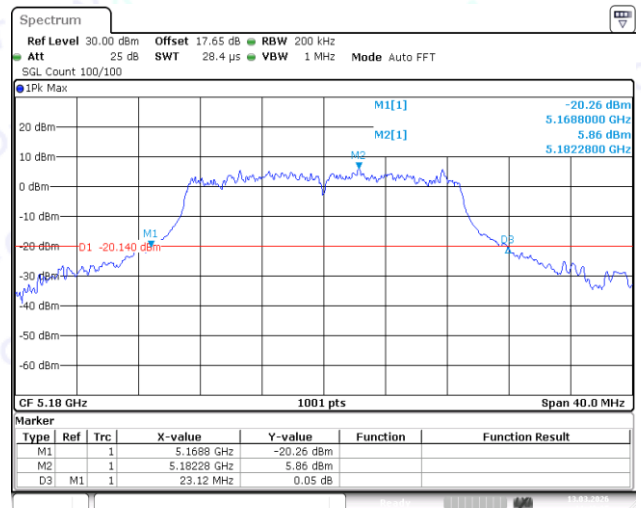
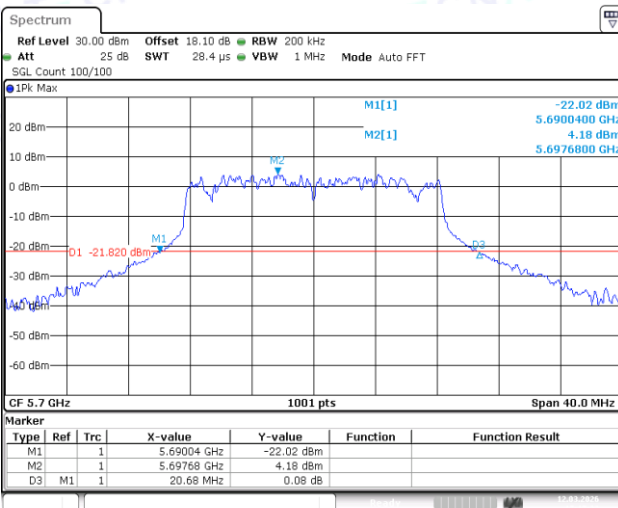
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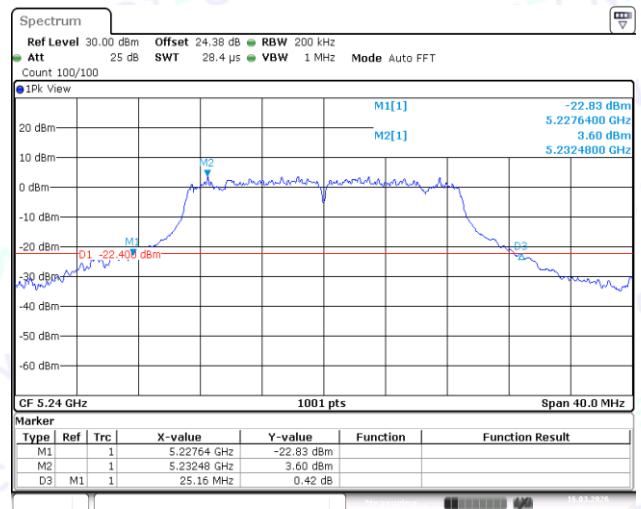
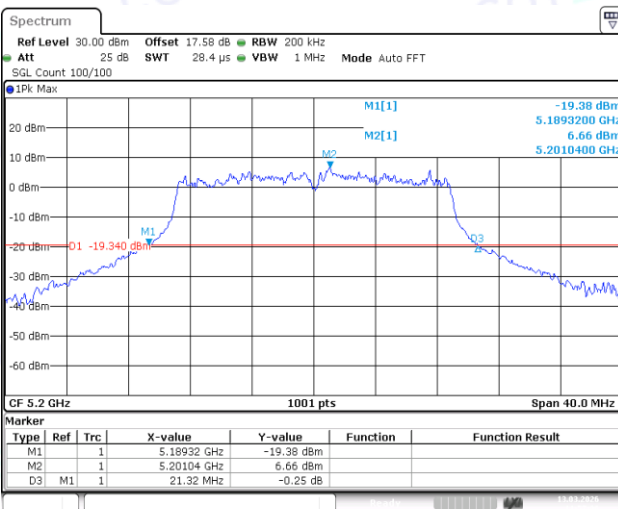
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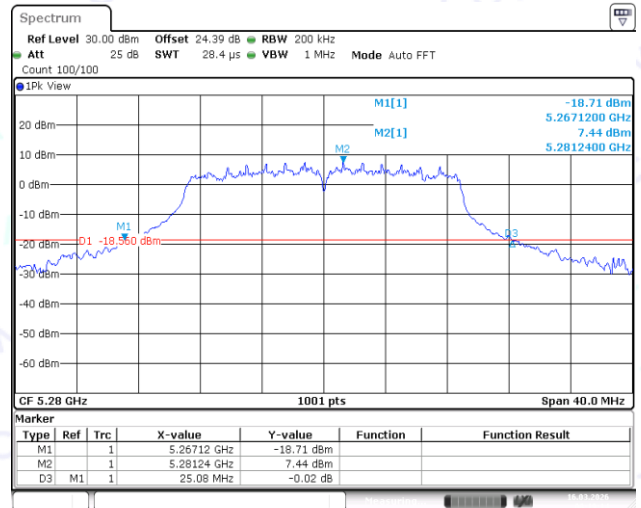
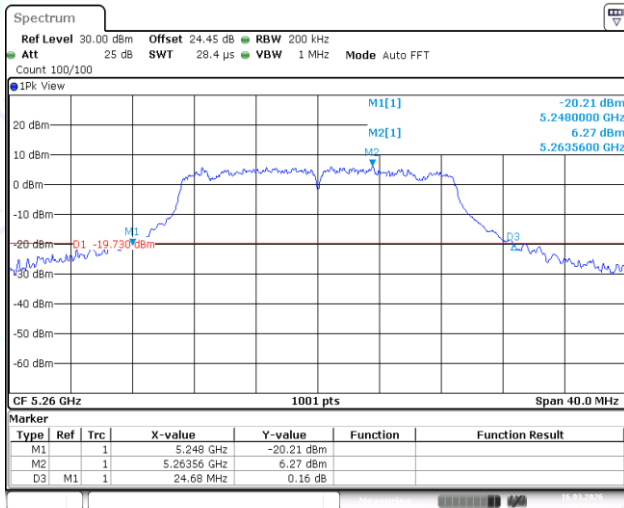
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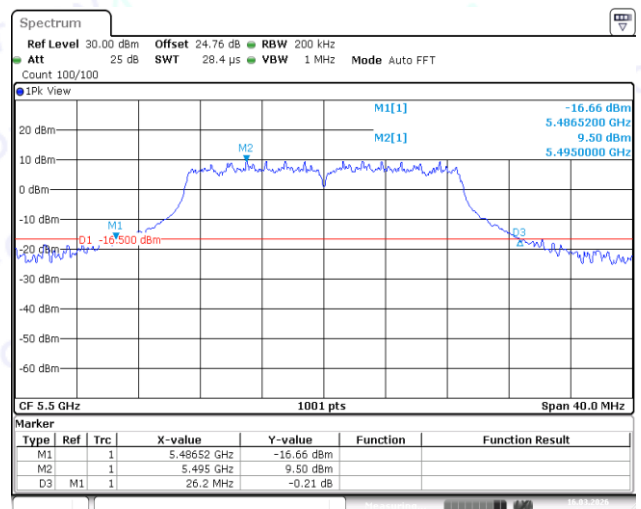
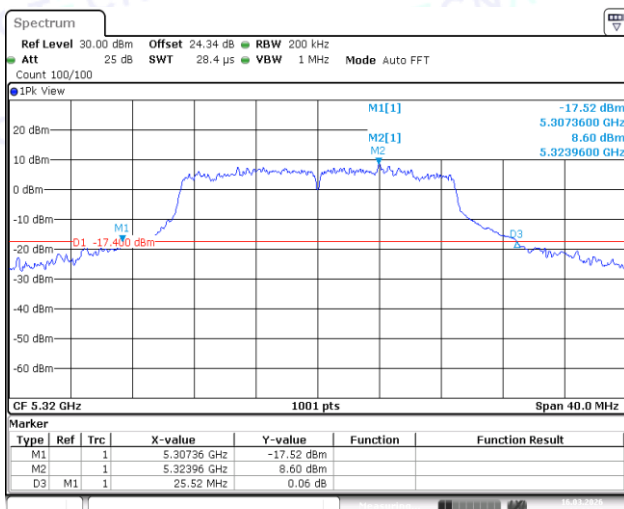
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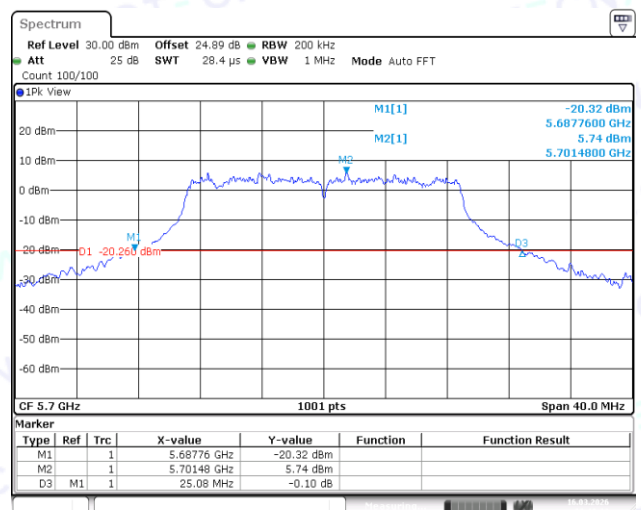
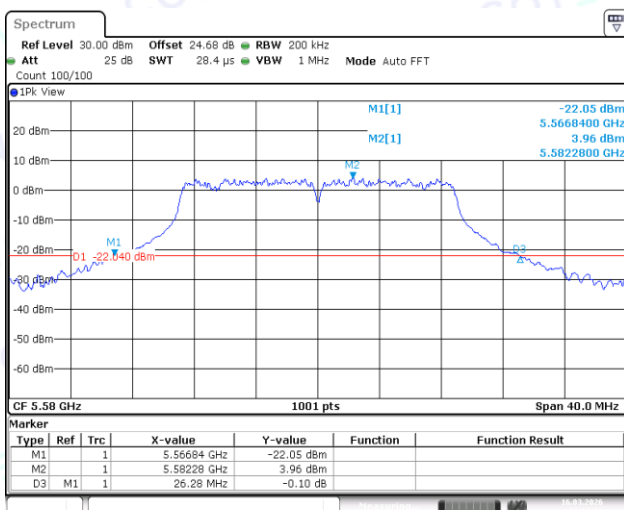
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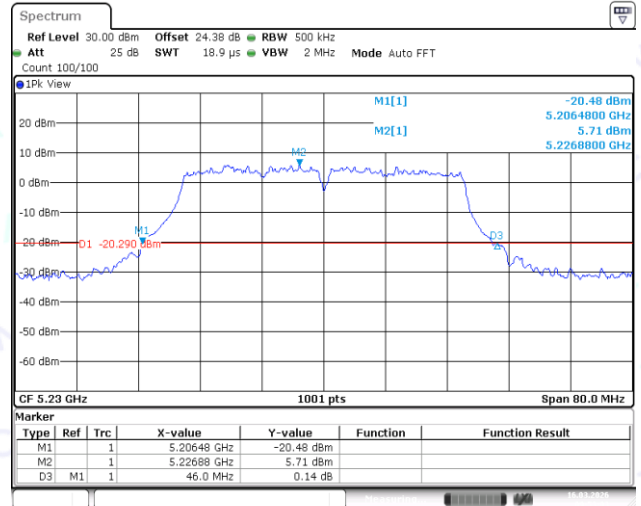
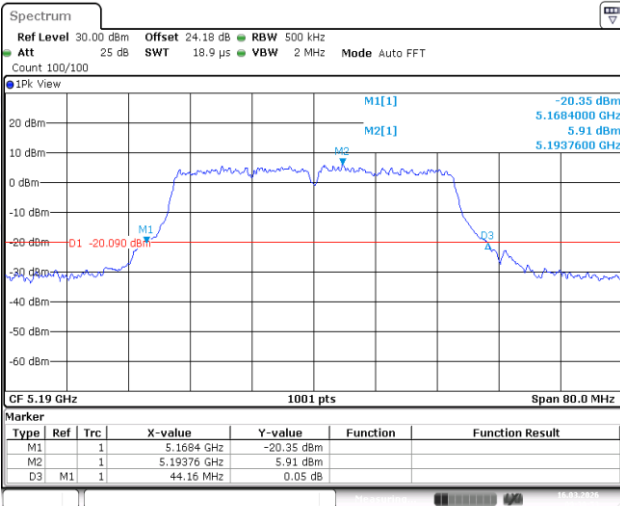
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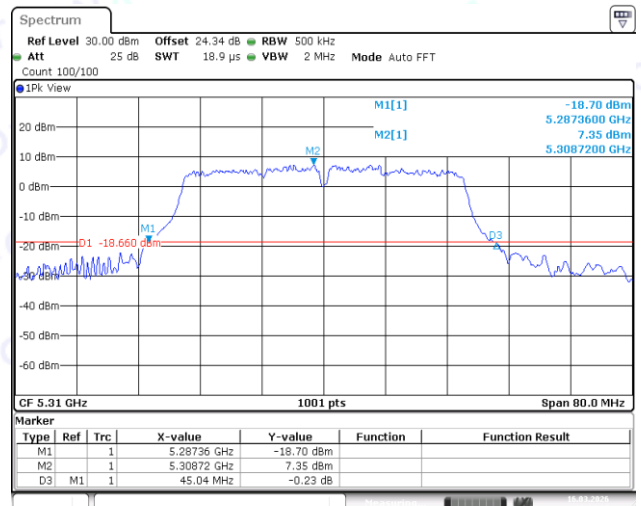
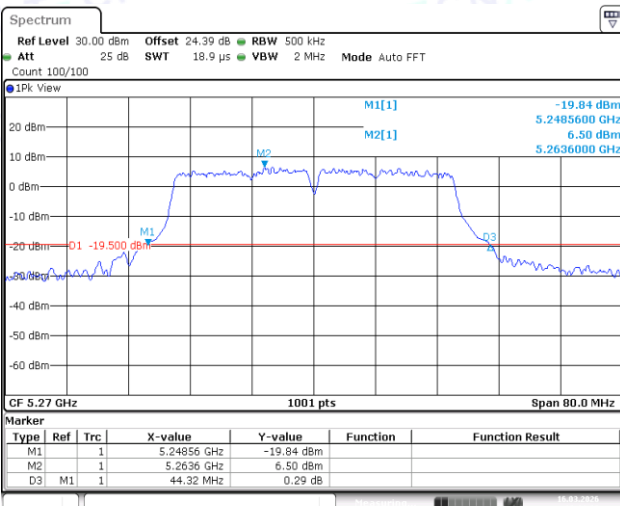
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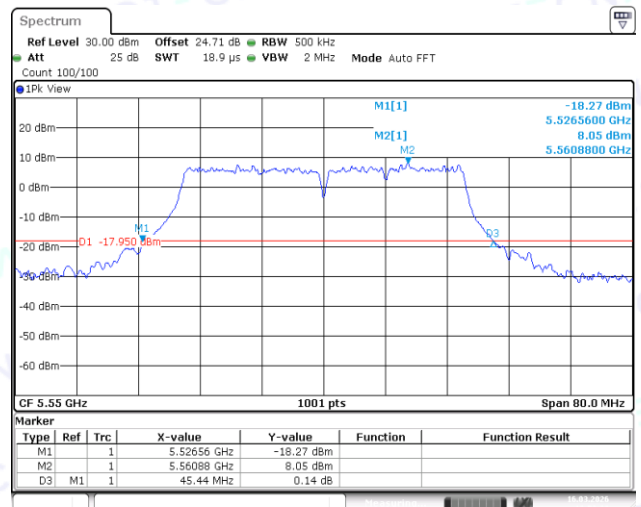
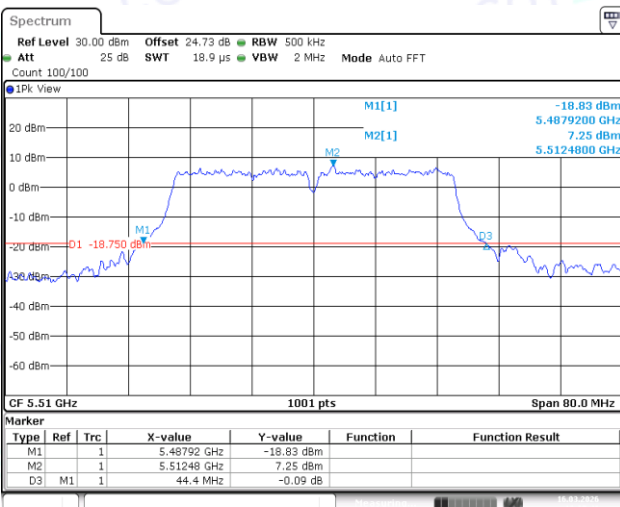
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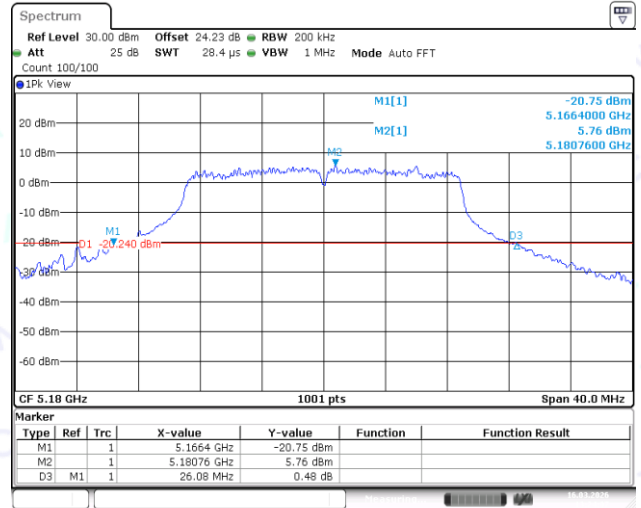
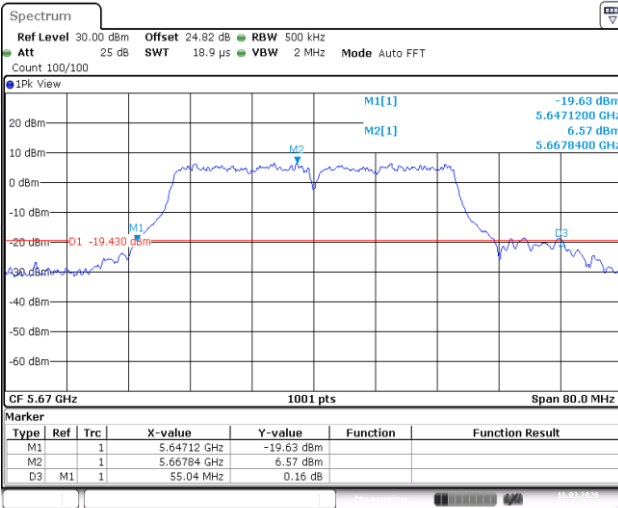
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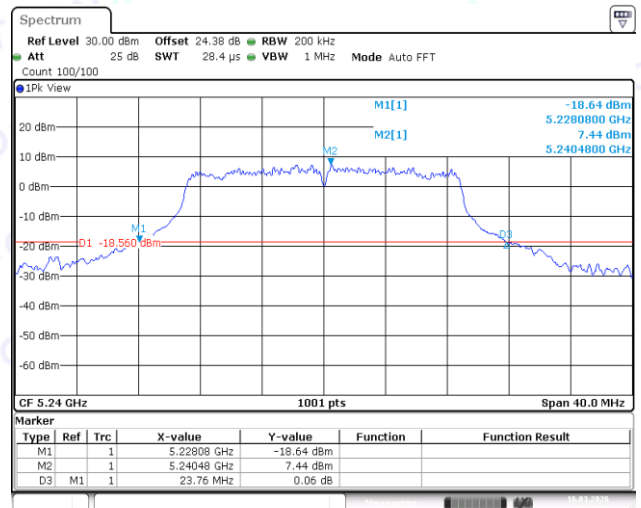
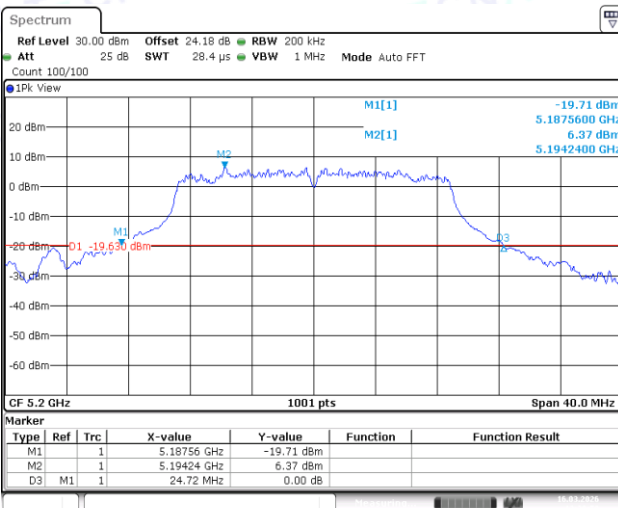
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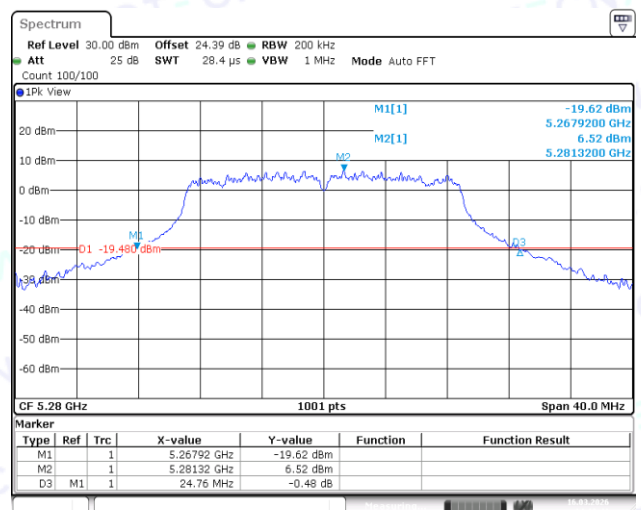
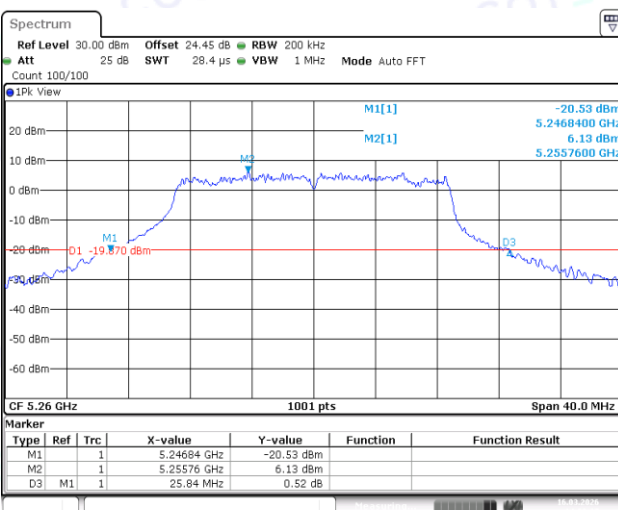
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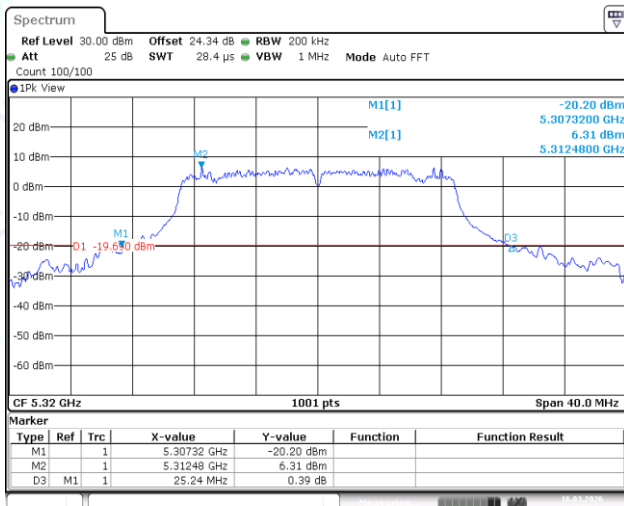
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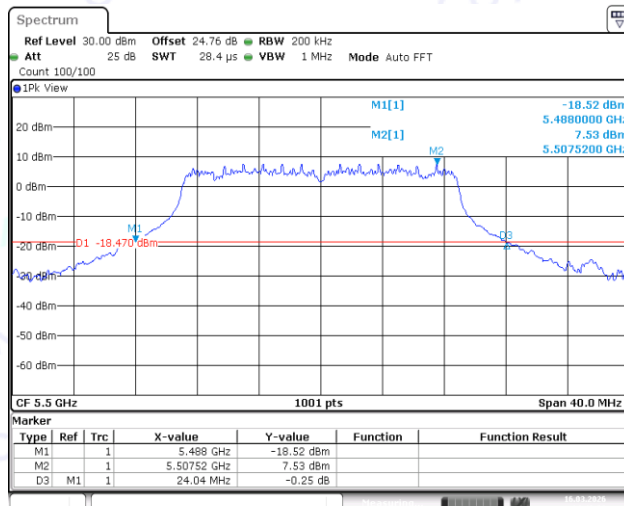


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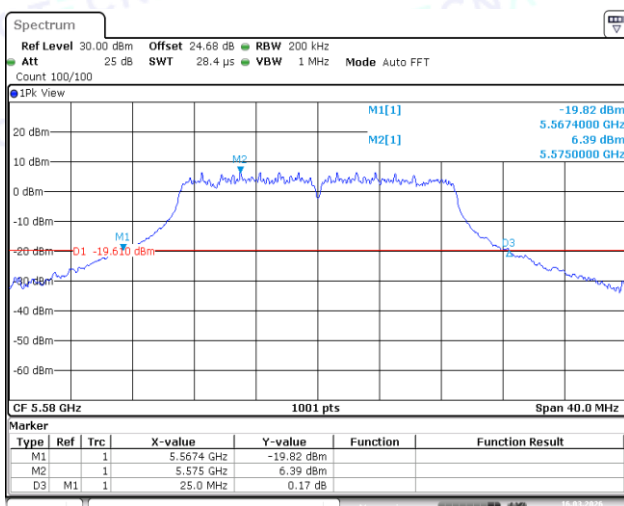
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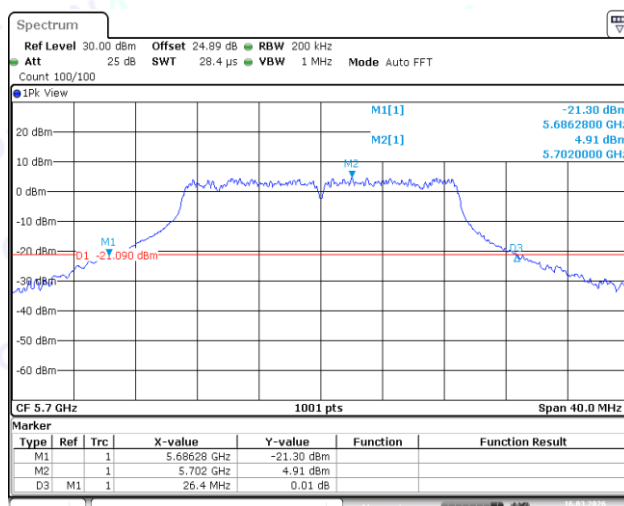
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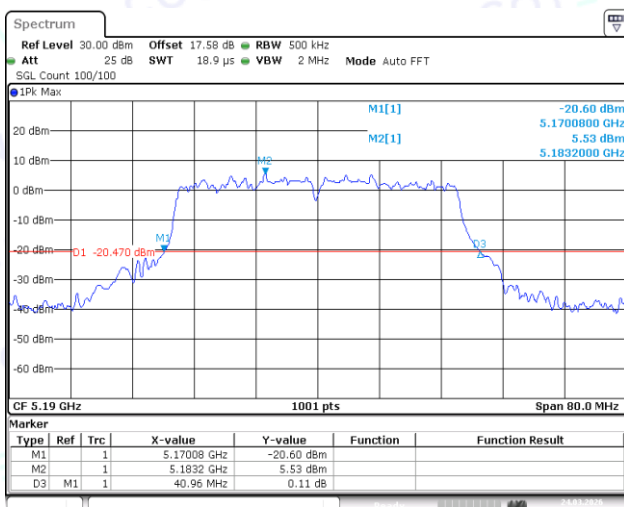
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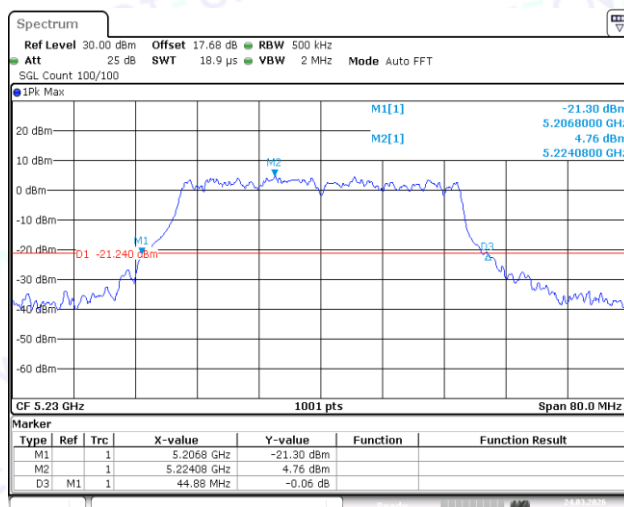
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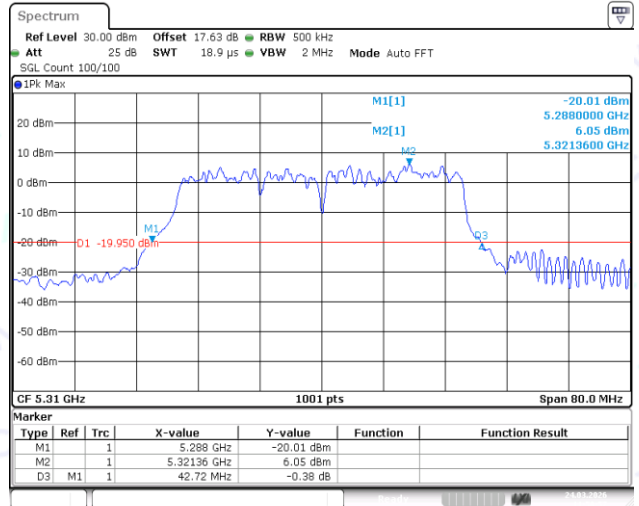
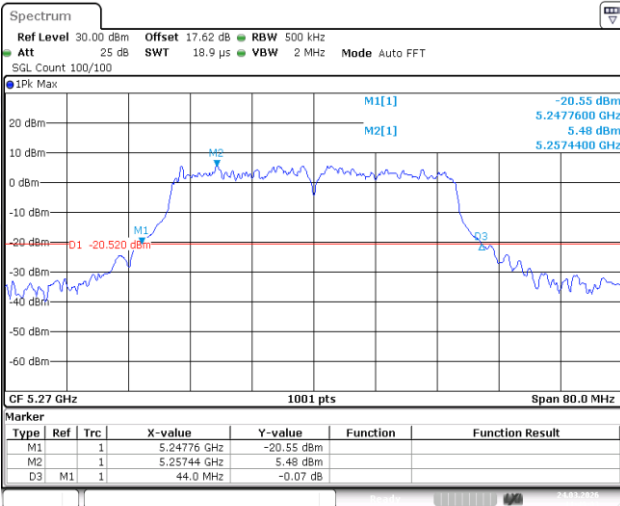
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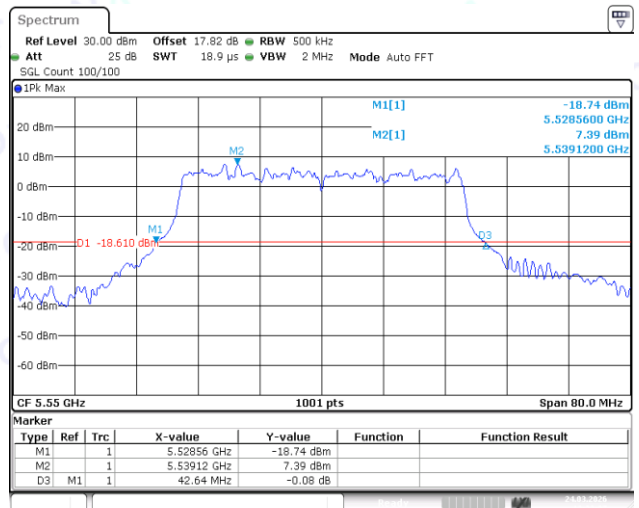
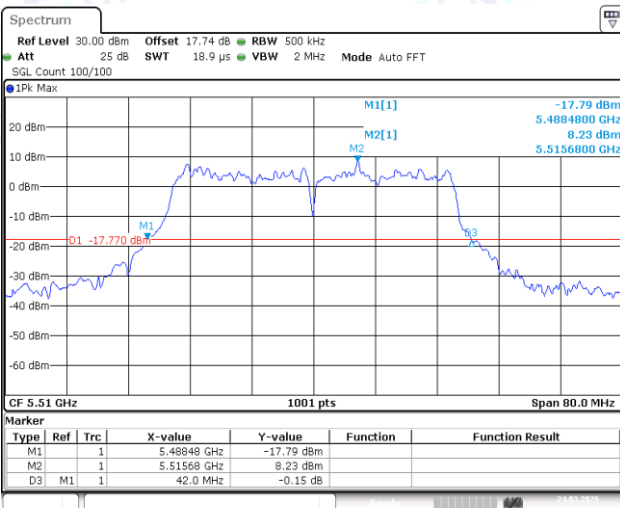
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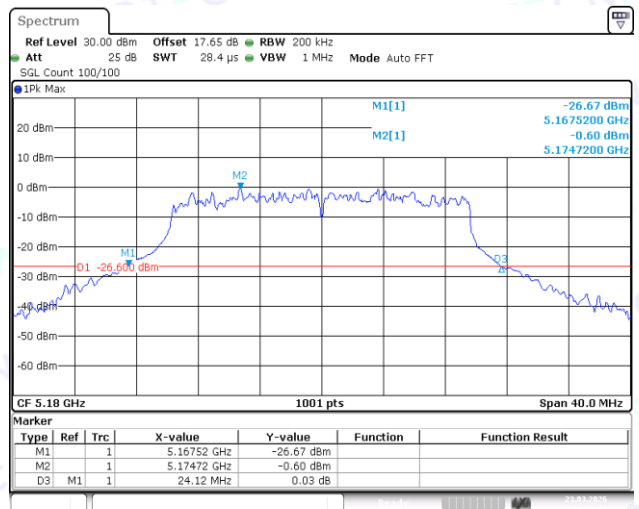
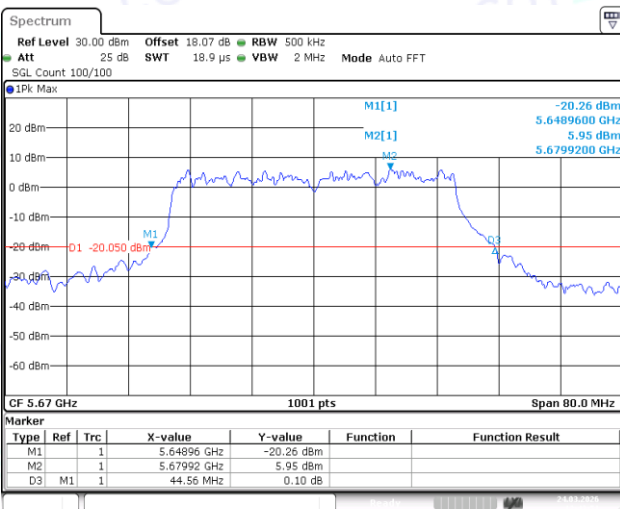
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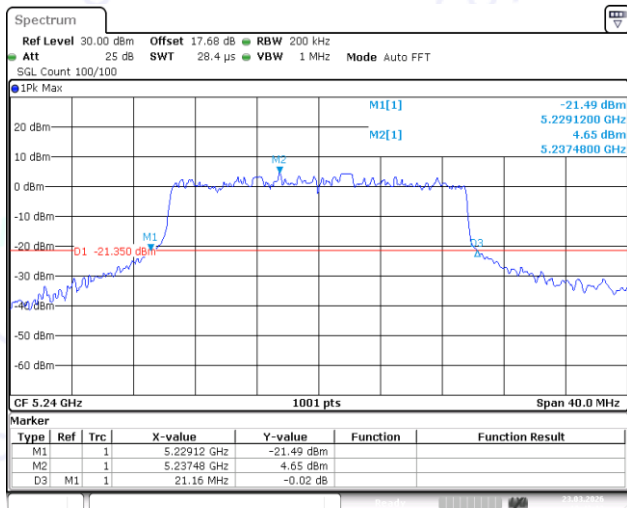
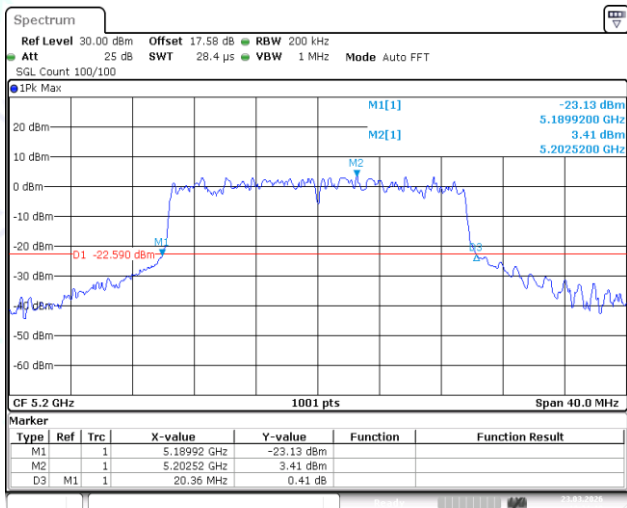
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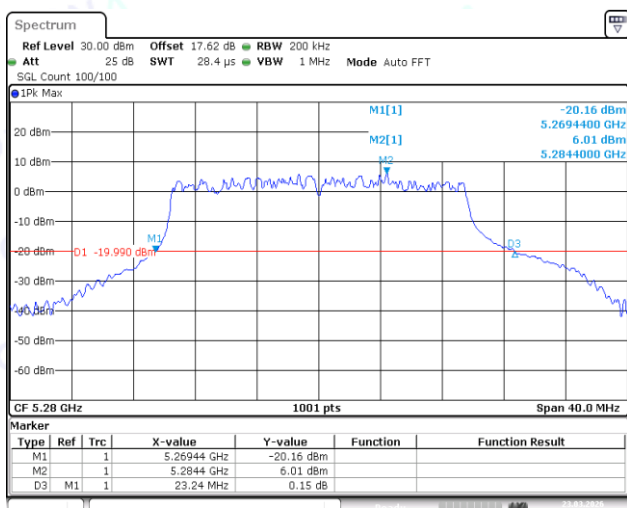
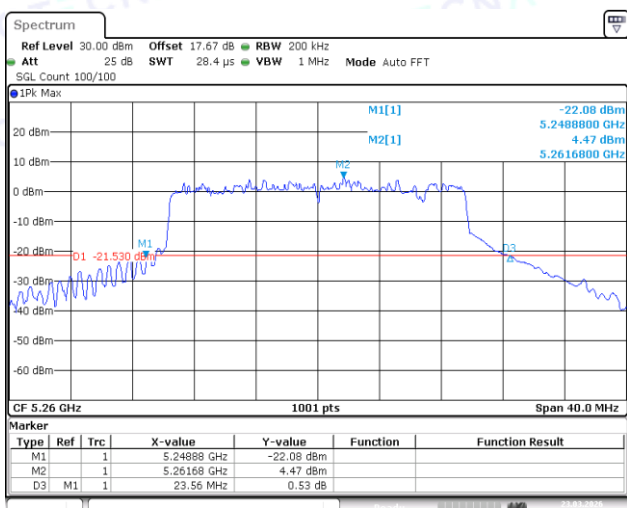
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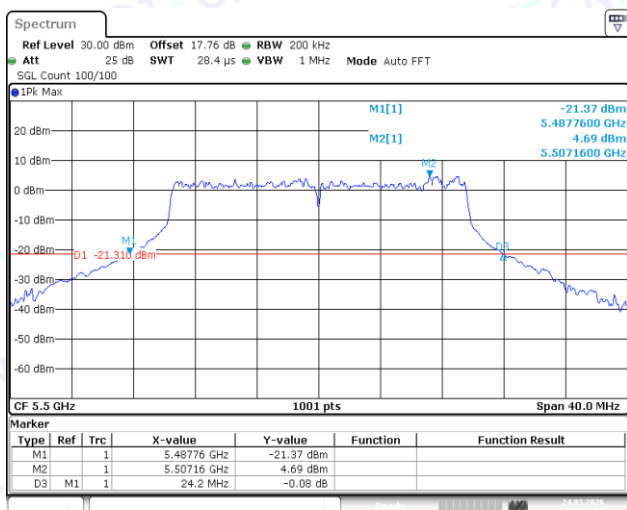
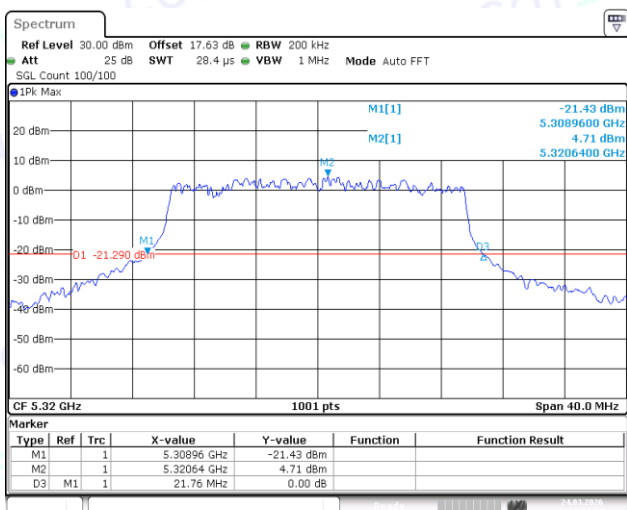
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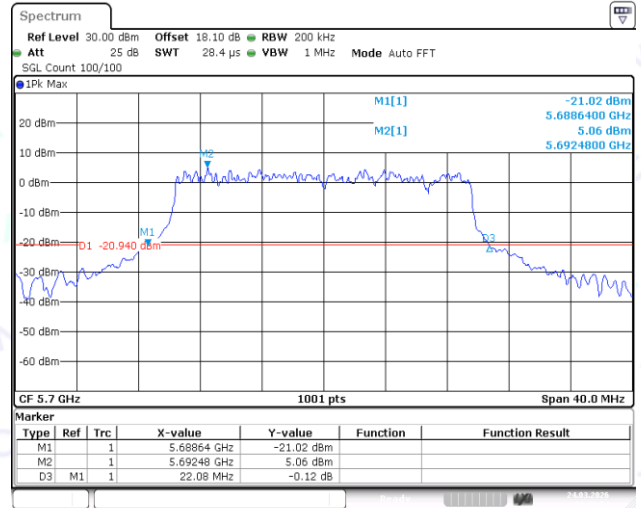
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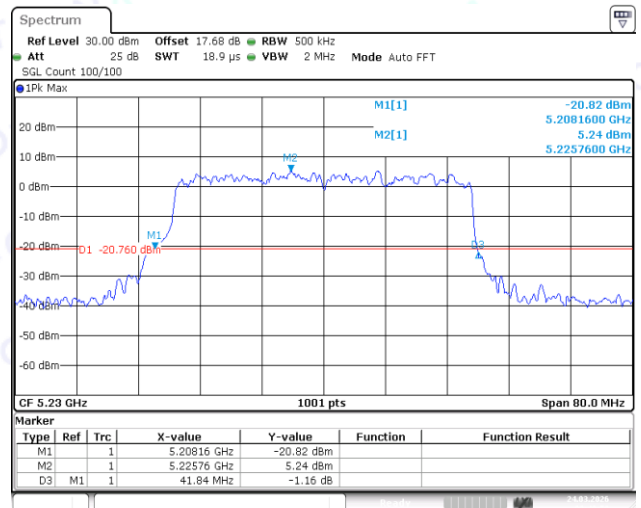
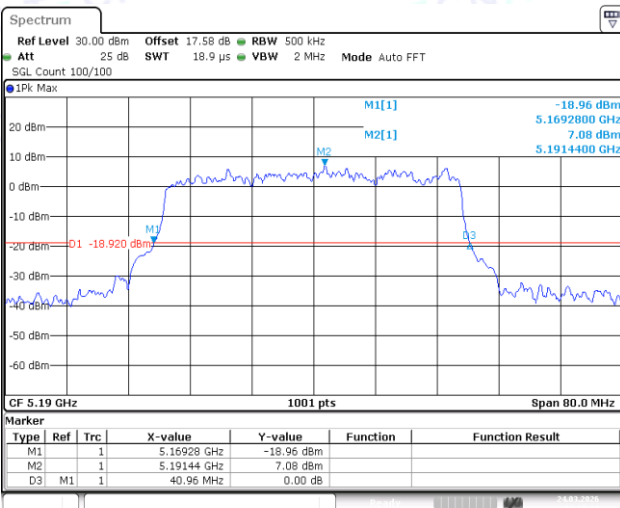
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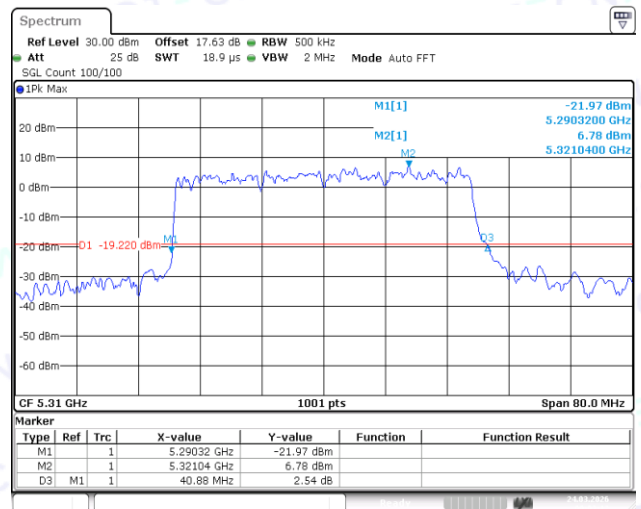
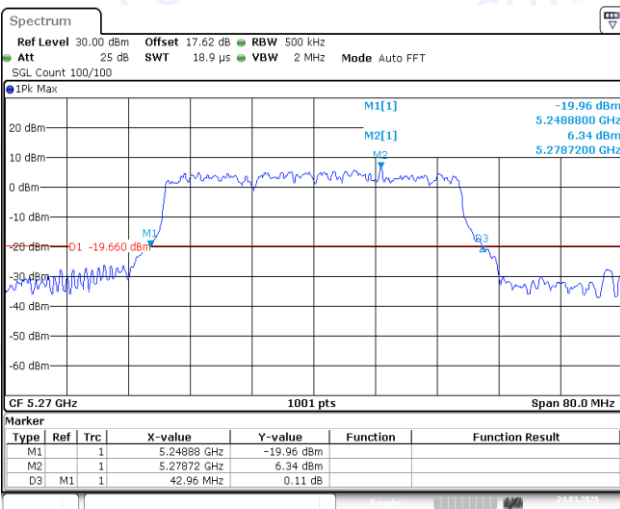
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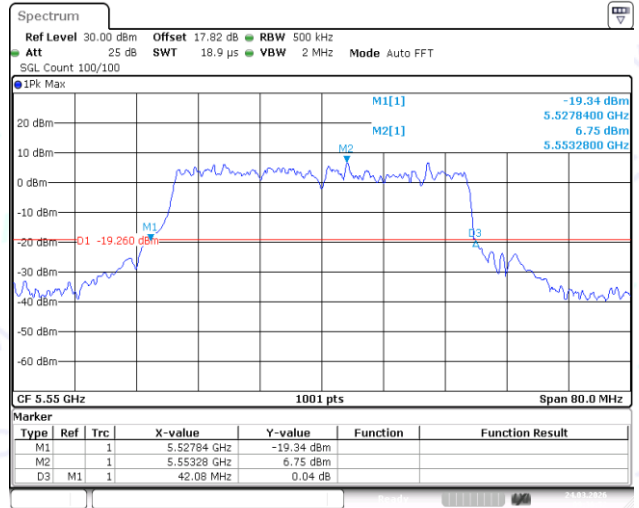
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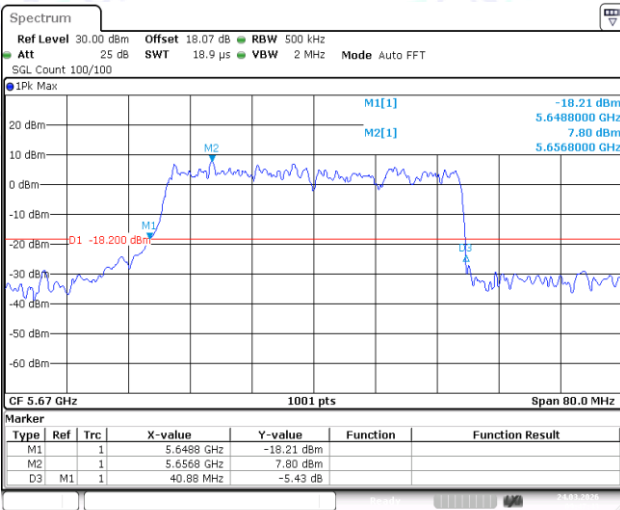
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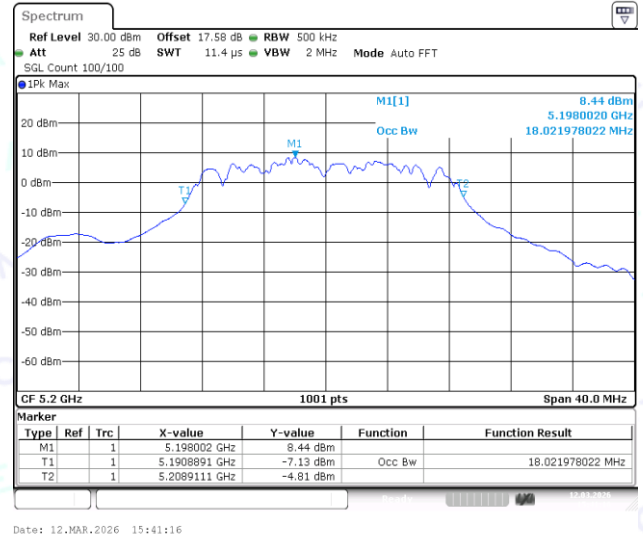
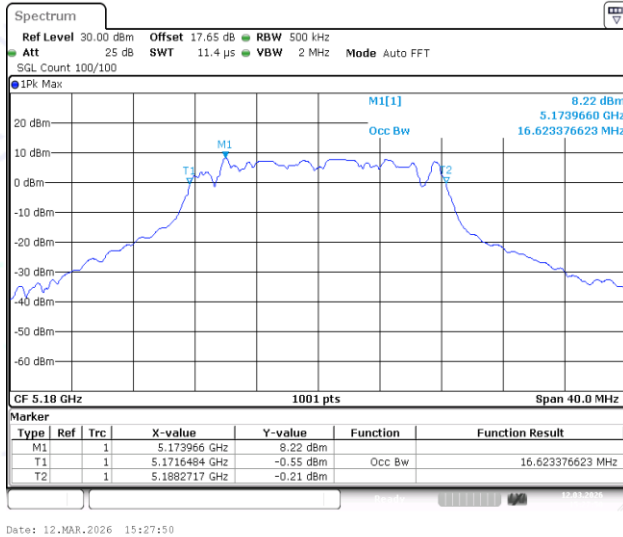
2: Occupied channel bandwidth

2.1 Test Result

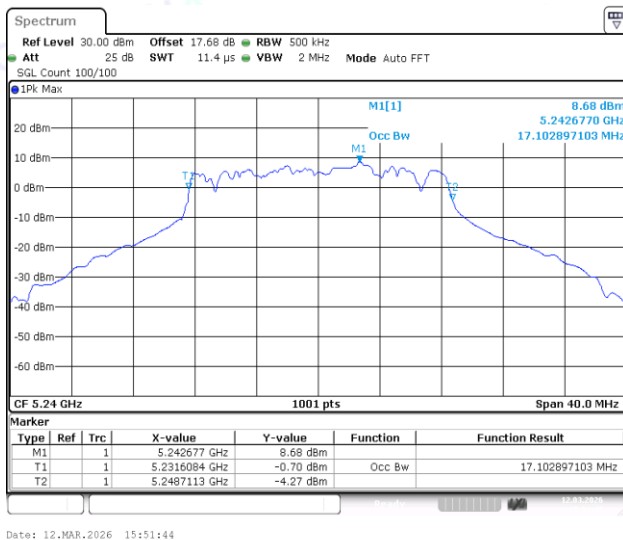
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.623	5171.6484	5188.2717	---	---
11A	Ant1	5200	18.022	5190.8891	5208.9111	---	---
11A	Ant1	5240	17.103	5231.6084	5248.7113	---	---
11A	Ant1	5260	16.583	5251.6883	5268.2717	---	---
11A	Ant1	5280	16.863	5271.2887	5288.1518	---	---
11A	Ant1	5320	16.583	5311.7283	5328.3117	---	---
11A	Ant1	5500	18.142	5491.0889	5509.2308	---	---
11A	Ant1	5580	17.063	5571.1688	5588.2318	---	---
11A	Ant1	5700	17.862	5691.1289	5708.9910	---	---
11A	Ant1	5745	16.703	5736.7682	5753.4715	---	---
11A	Ant1	5785	16.983	5776.6883	5793.6713	---	---
11A	Ant1	5825	16.703	5816.7682	5833.4715	---	---
11N20SISO	Ant1	5180	18.462	5170.6494	5189.1109	---	---
11N20SISO	Ant1	5200	18.382	5190.8891	5209.2707	---	---
11N20SISO	Ant1	5240	18.581	5230.4895	5249.0709	---	---
11N20SISO	Ant1	5260	18.541	5250.7692	5269.3107	---	---
11N20SISO	Ant1	5280	20.180	5269.5305	5289.7103	---	---
11N20SISO	Ant1	5320	18.621	5310.9291	5329.5504	---	---
11N20SISO	Ant1	5500	19.341	5490.4895	5509.8302	---	---
11N20SISO	Ant1	5580	19.101	5570.3696	5589.4705	---	---
11N20SISO	Ant1	5700	19.141	5690.2897	5709.4306	---	---
11N20SISO	Ant1	5745	18.661	5735.8092	5754.4705	---	---
11N20SISO	Ant1	5785	18.342	5775.9291	5794.2707	---	---
11N20SISO	Ant1	5825	18.821	5815.1299	5833.9510	---	---
11N40SISO	Ant1	5190	36.923	5171.5385	5208.4615	---	---
11N40SISO	Ant1	5230	36.603	5211.6184	5248.2218	---	---
11N40SISO	Ant1	5270	36.843	5251.6184	5288.4615	---	---
11N40SISO	Ant1	5310	36.683	5291.6184	5328.3017	---	---
11N40SISO	Ant1	5510	36.843	5491.6184	5528.4615	---	---
11N40SISO	Ant1	5550	36.603	5531.6983	5568.3017	---	---
11N40SISO	Ant1	5670	36.923	5651.7782	5688.7013	---	---
11N40SISO	Ant1	5755	36.523	5736.6983	5773.2218	---	---
11N40SISO	Ant1	5795	36.683	5776.7782	5813.4615	---	---
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11AC20SISO	Ant1	5280	18.861	5270.6494	5289.5105	---	---
11AC20SISO	Ant1	5320	18.541	5310.6094	5329.1508	---	---
11AC20SISO	Ant1	5500	18.981	5490.2897	5509.2707	---	---
11AC20SISO	Ant1	5580	19.381	5570.0100	5589.3906	---	---
11AC20SISO	Ant1	5700	18.302	5690.8492	5709.1508	---	---
11AC20SISO	Ant1	5745	17.862	5736.1688	5754.0310	---	---
11AC20SISO	Ant1	5785	18.861	5775.4496	5794.3107	---	---
11AC20SISO	Ant1	5825	18.222	5815.8492	5834.0709	---	---
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11AC40SISO	Ant1	5270	37.323	5250.9790	5288.3017	---	---
11AC40SISO	Ant1	5310	37.003	5291.4585	5328.4615	---	---
11AC40SISO	Ant1	5510	36.763	5491.5385	5528.3017	---	---
11AC40SISO	Ant1	5550	36.603	5531.6983	5568.3017	---	---
11AC40SISO	Ant1	5670	36.603	5651.6983	5688.3017	---	---
11AC40SISO	Ant1	5755	36.843	5736.7782	5773.6214	---	---
11AC40SISO	Ant1	5795	36.683	5776.6983	5813.3816	---	---
11AX20SISO	Ant1	5180	19.021	5170.5295	5189.5504	---	---
11AX20SISO	Ant1	5200	20.220	5189.3706	5209.5904	---	---
11AX20SISO	Ant1	5240	18.981	5230.5295	5249.5105	---	---
11AX20SISO	Ant1	5260	19.341	5250.4496	5269.7902	---	---
11AX20SISO	Ant1	5280	19.221	5270.4096	5289.6304	---	---
11AX20SISO	Ant1	5320	19.181	5310.4496	5329.6304	---	---
11AX20SISO	Ant1	5500	19.461	5490.2897	5509.7502	---	---
11AX20SISO	Ant1	5580	19.101	5570.4895	5589.5904	---	---
11AX20SISO	Ant1	5700	19.181	5690.3297	5709.5105	---	---
11AX20SISO	Ant1	5745	19.341	5735.2498	5754.5904	---	---
11AX20SISO	Ant1	5785	19.221	5775.3297	5794.5504	---	---

11AX20SISO	Ant1	5825	19.301	5815.3696	5834.6703	---	---
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11AX40SISO	Ant1	5230	37.962	5210.9790	5248.9411	---	---
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11AX40SISO	Ant1	5670	37.882	5651.1389	5689.0210	---	---
11AX40SISO	Ant1	5755	37.962	5735.9790	5773.9411	---	---
11AX40SISO	Ant1	5795	38.282	5775.8192	5814.1009	---	---

2.2 Test Graphs



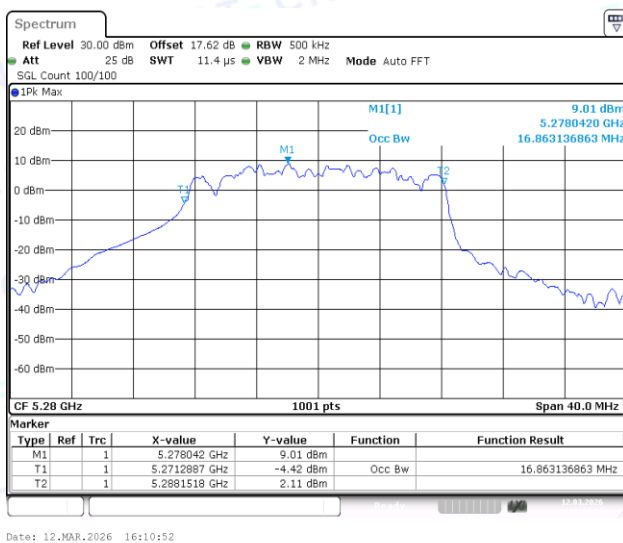
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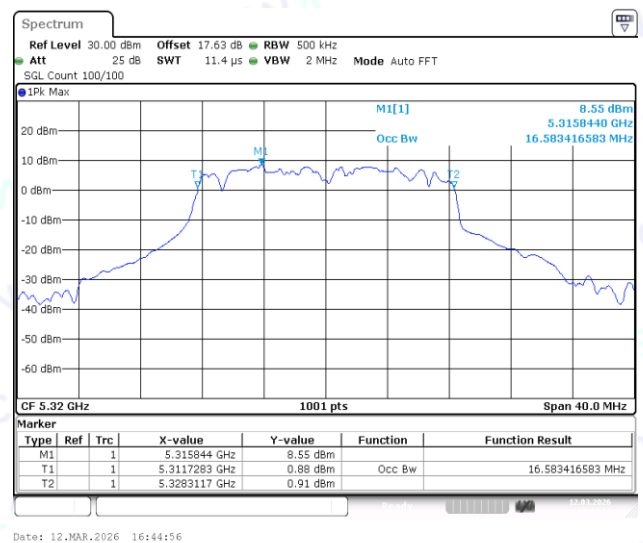
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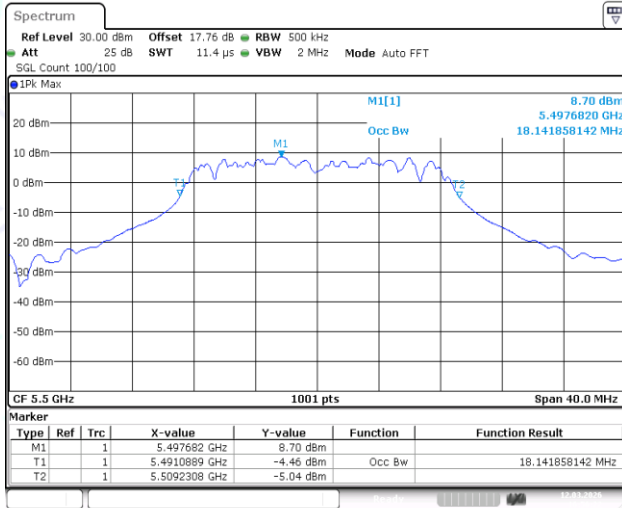


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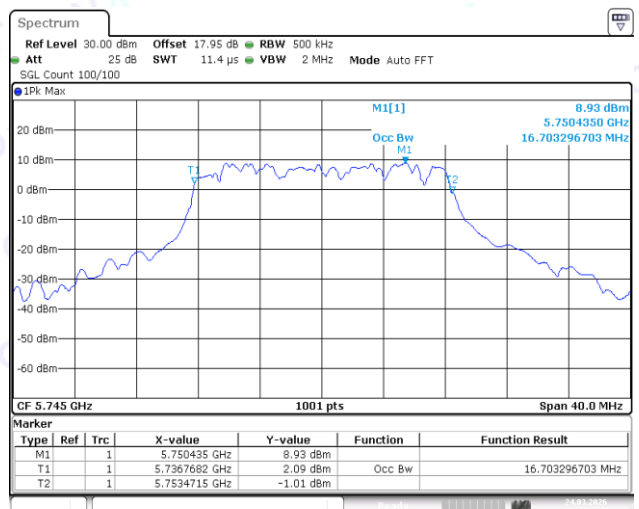
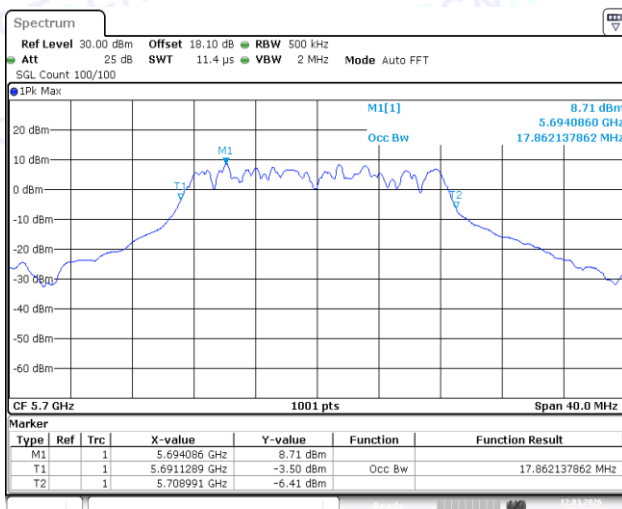
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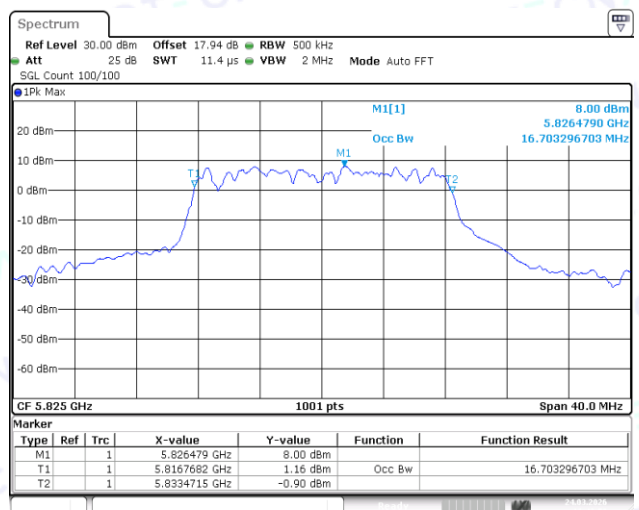
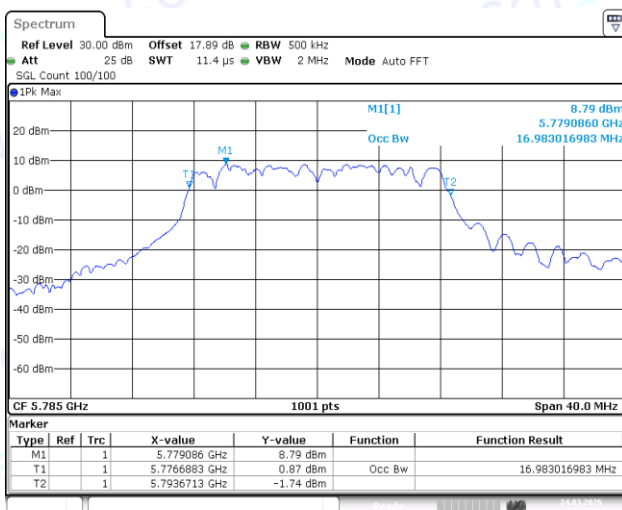
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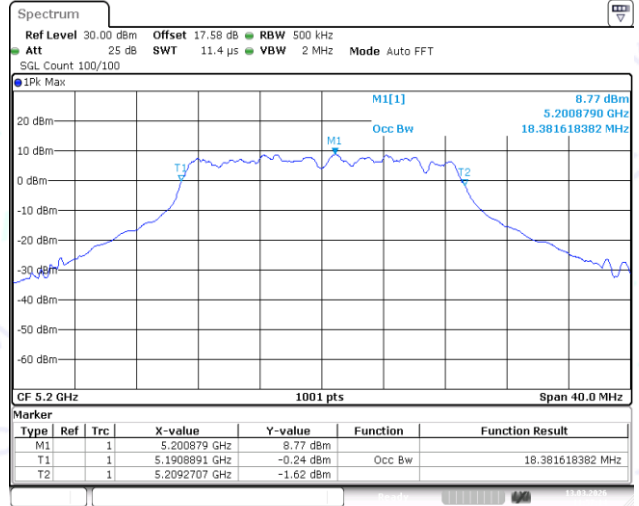
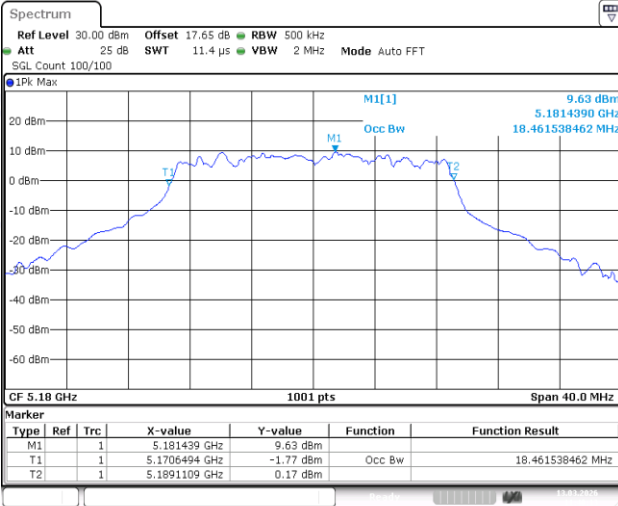
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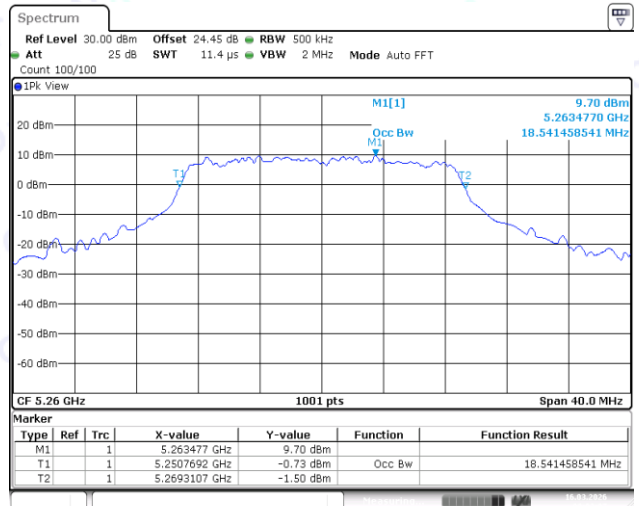
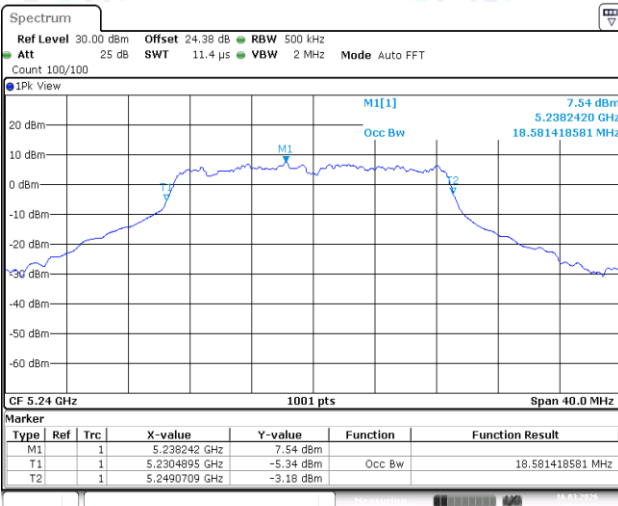
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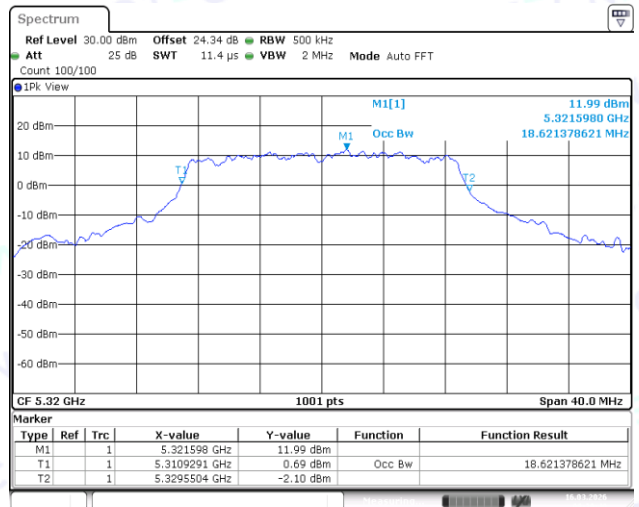
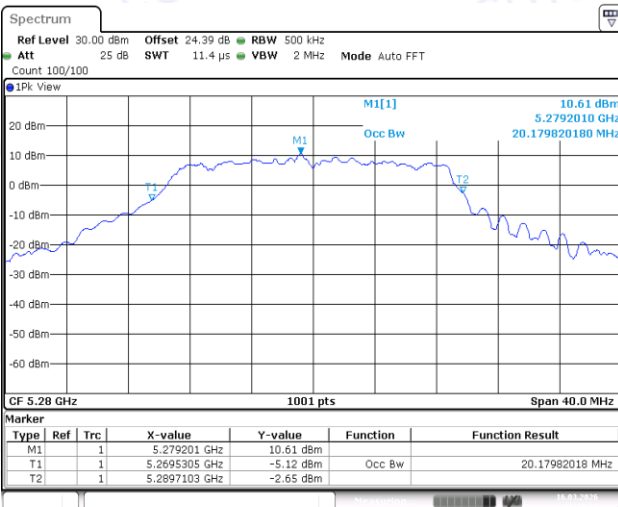
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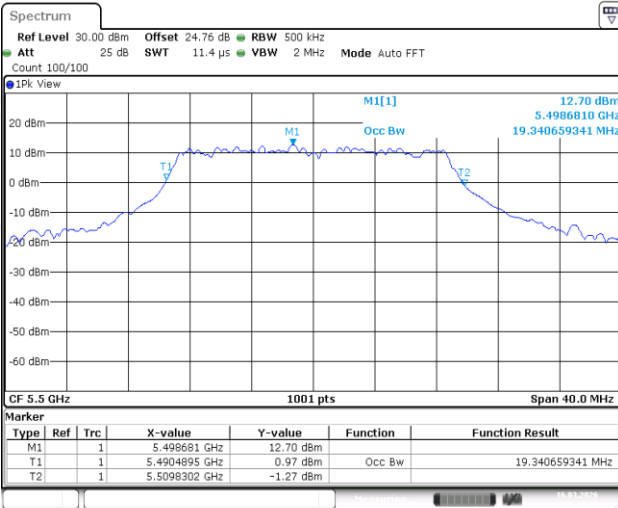
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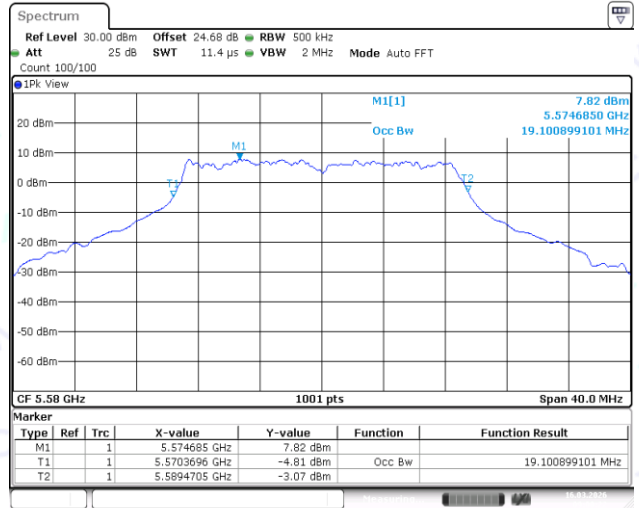


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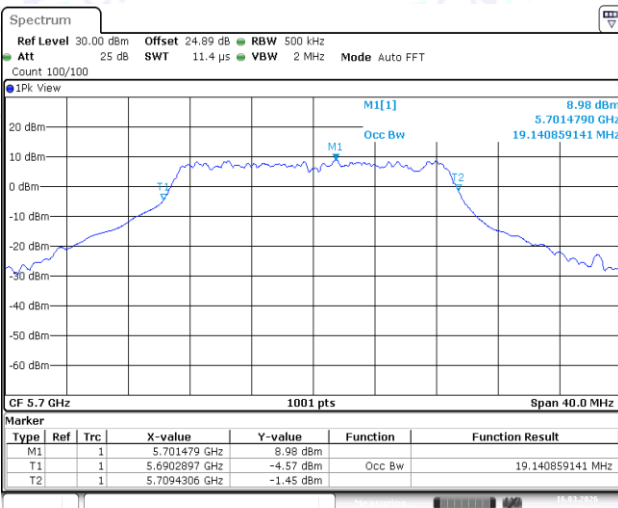
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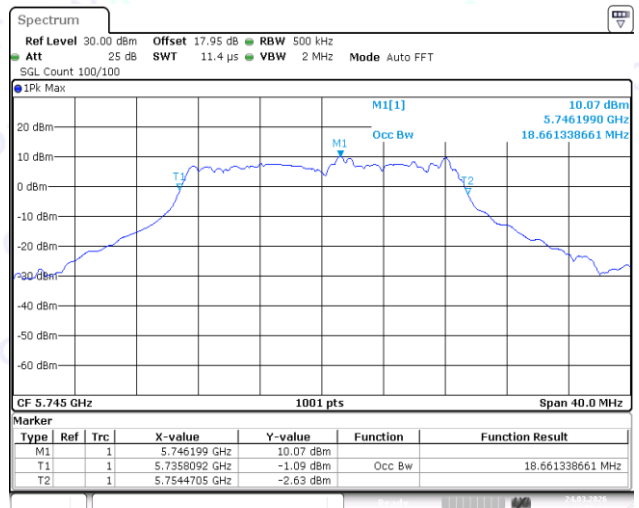
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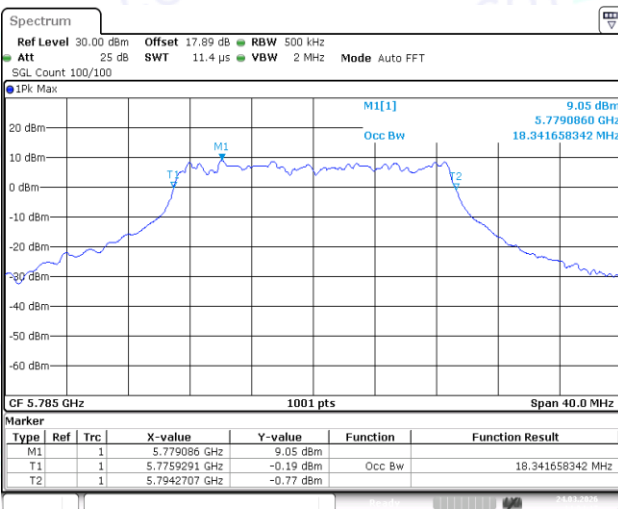
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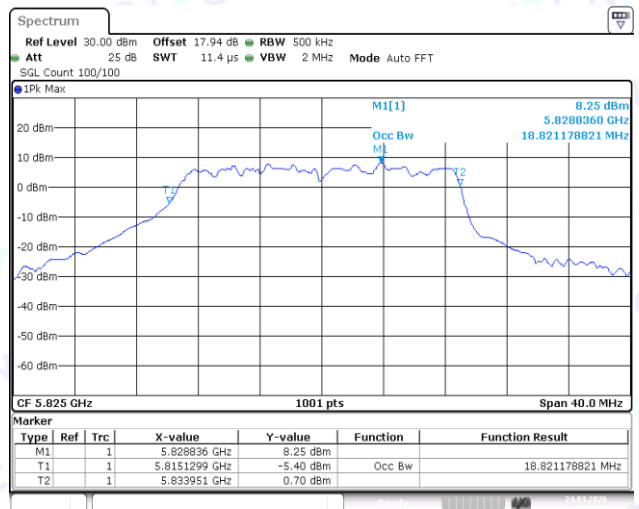
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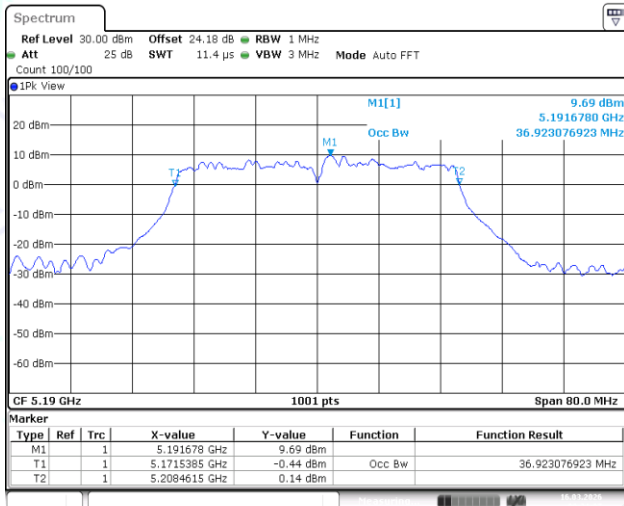
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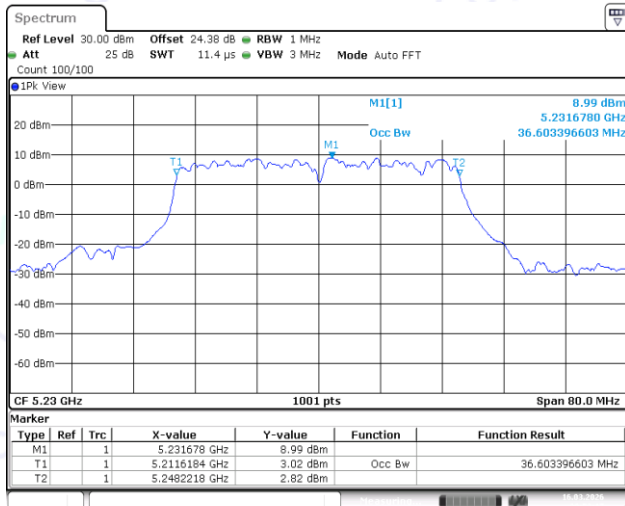
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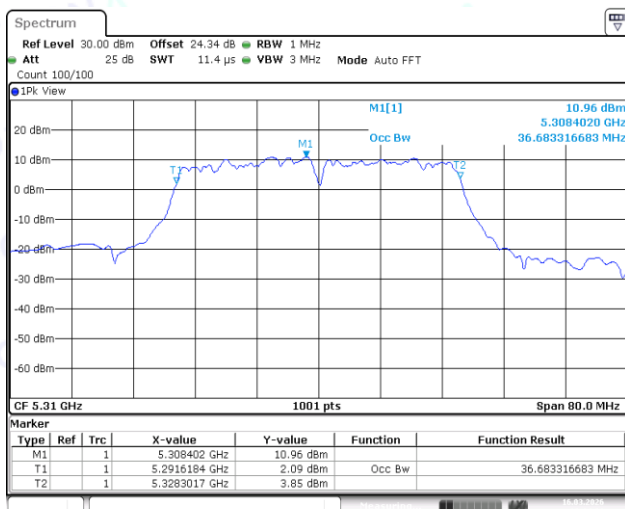
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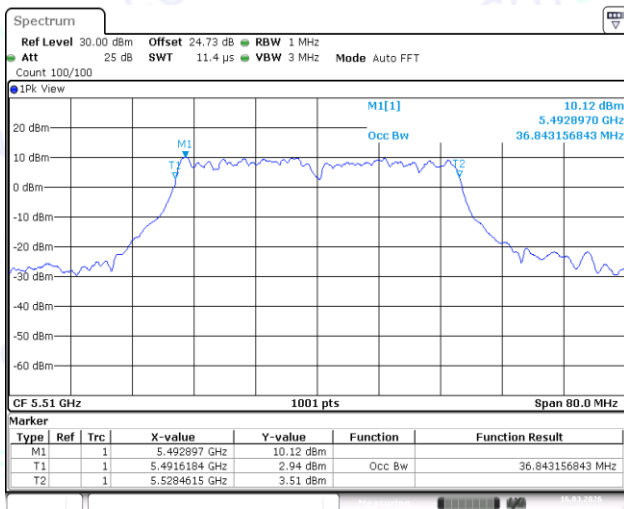
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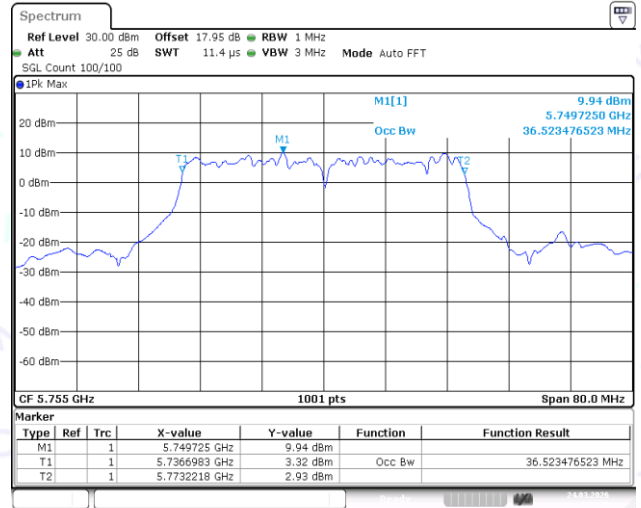
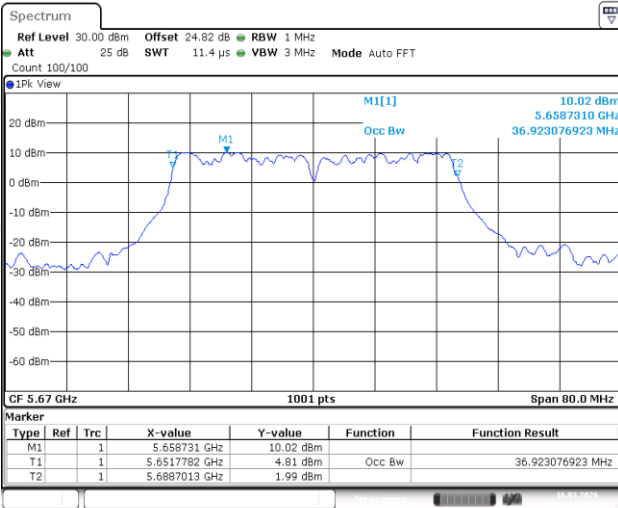
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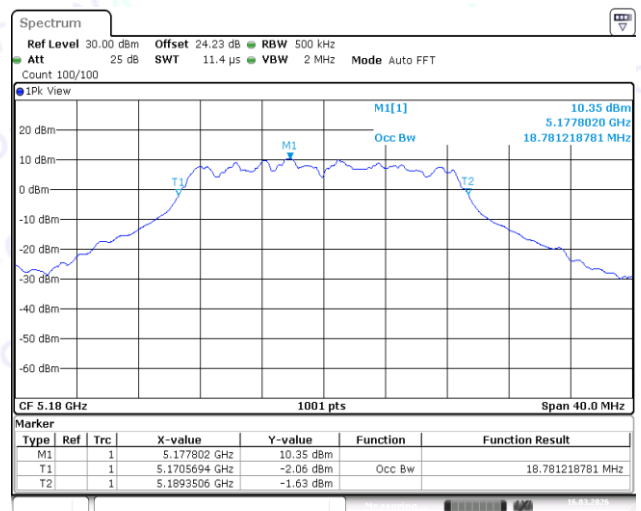
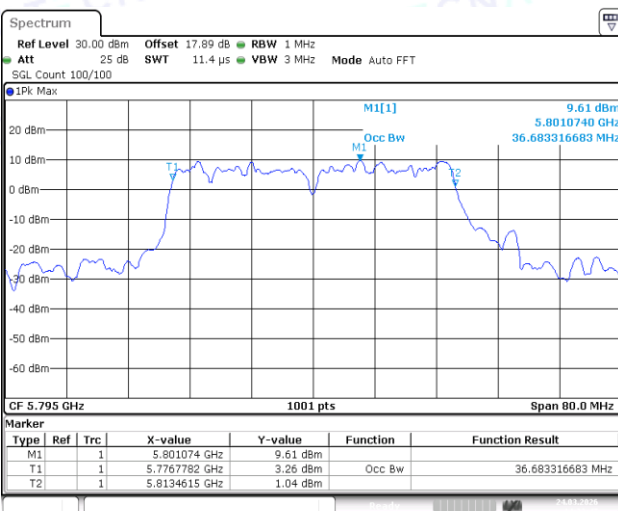
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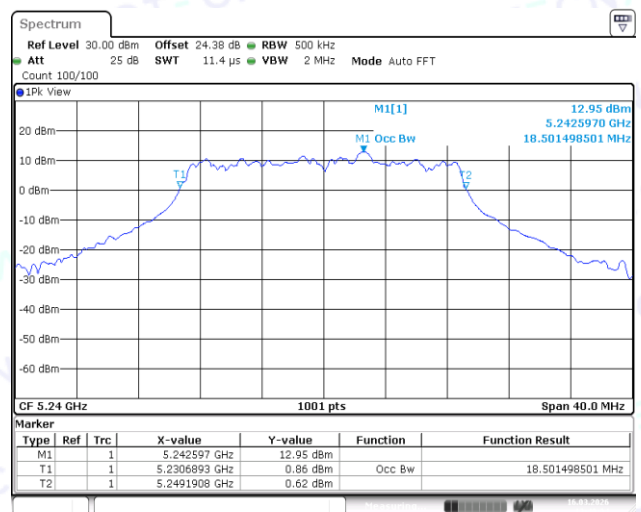
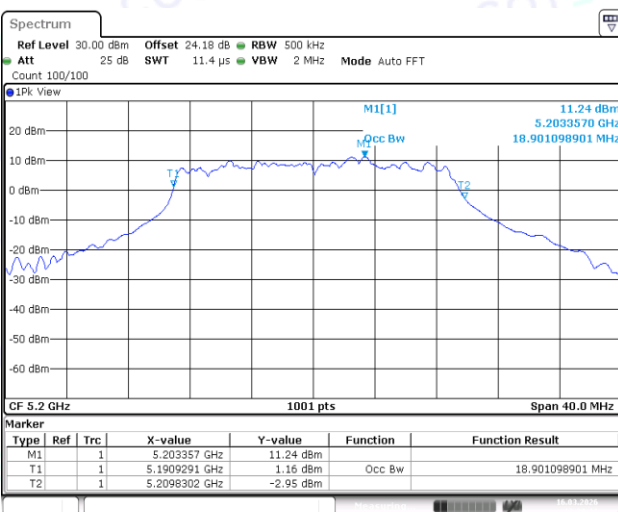
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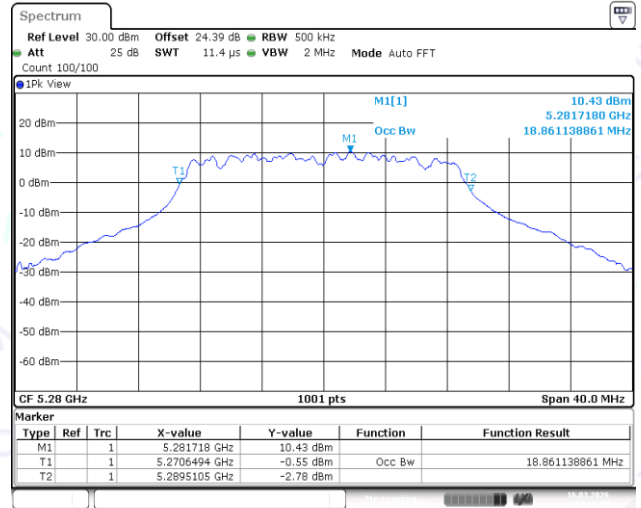
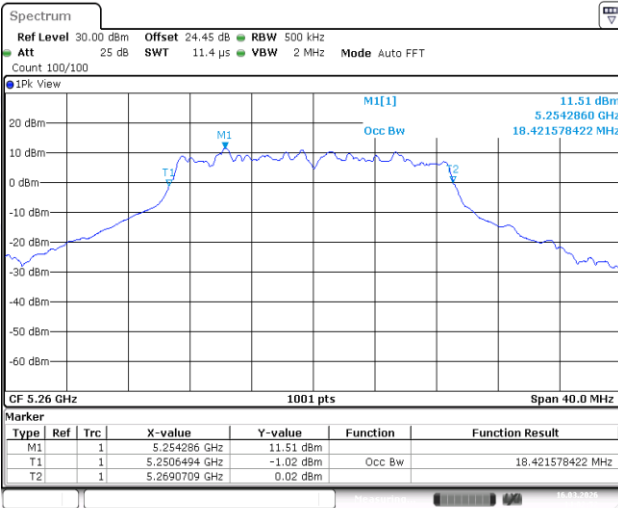
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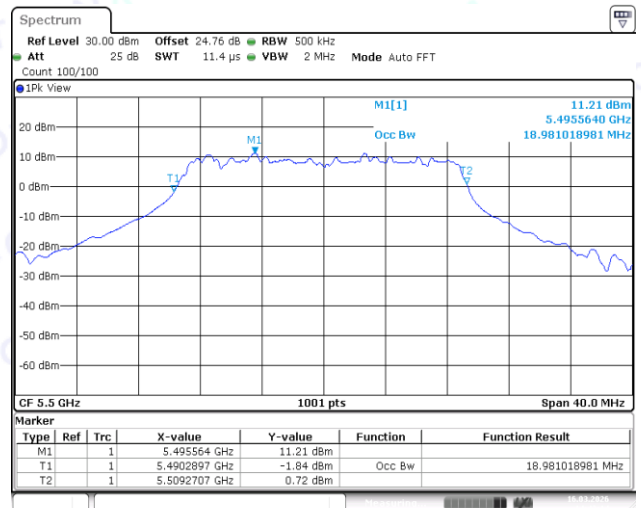
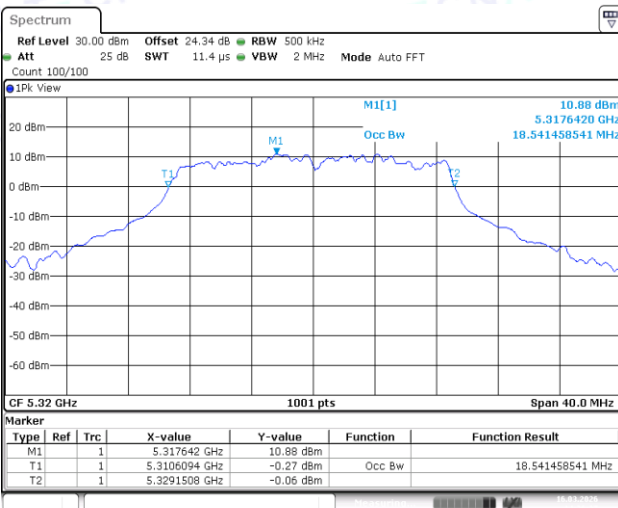
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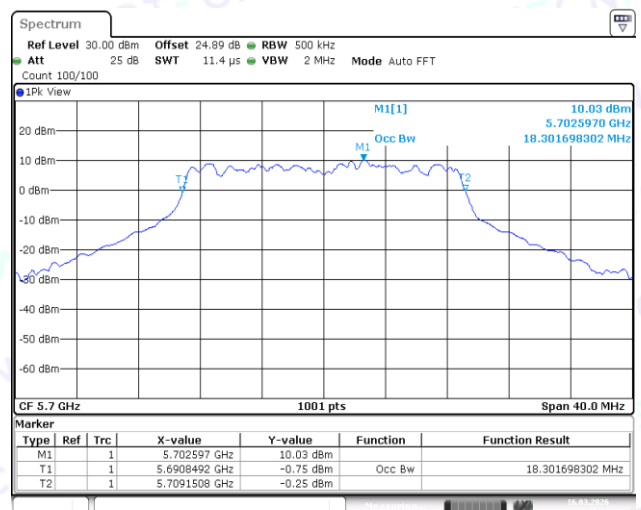
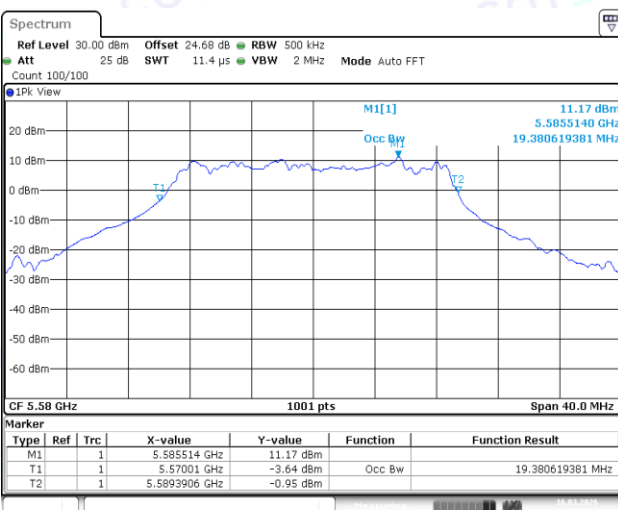
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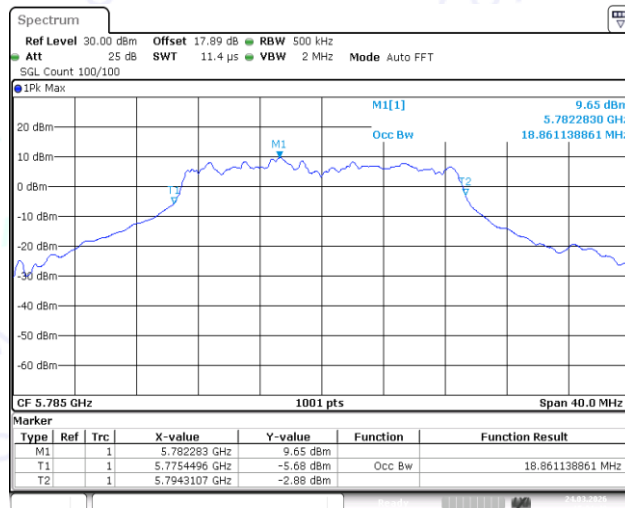
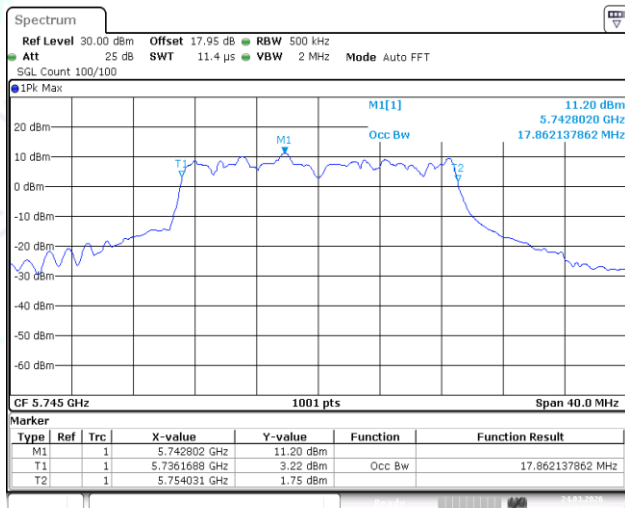
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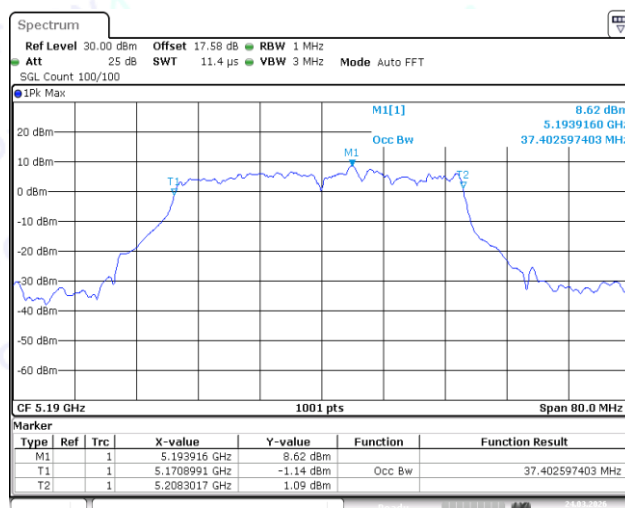
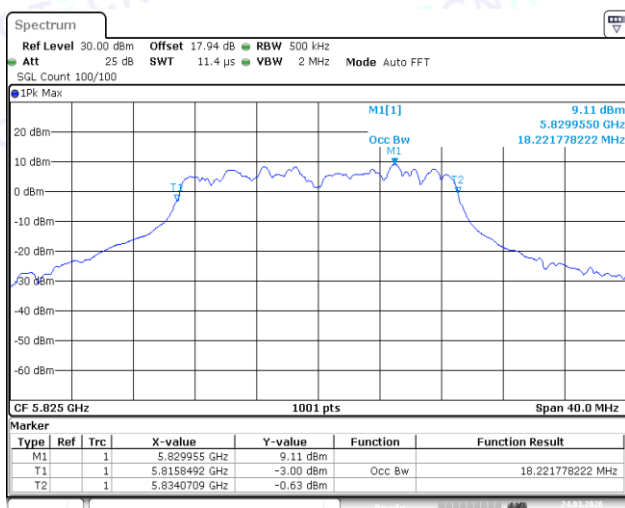
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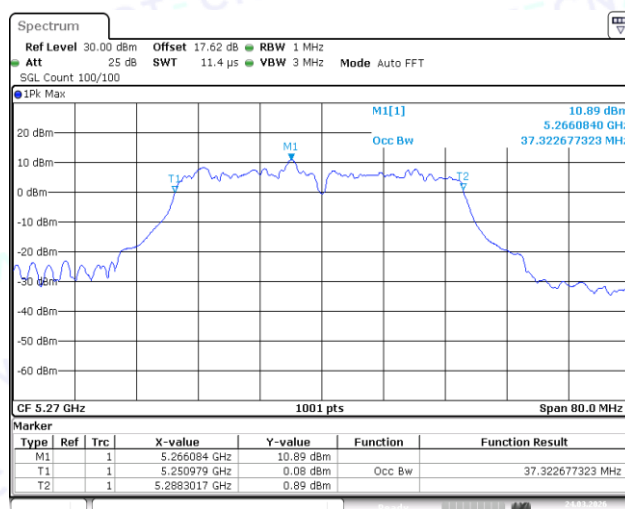
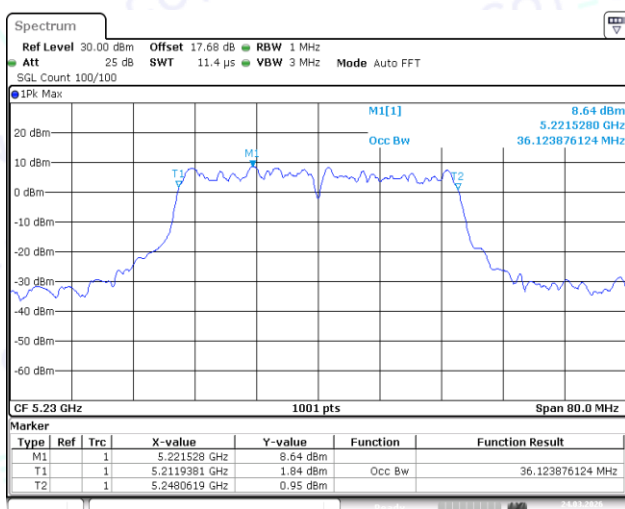
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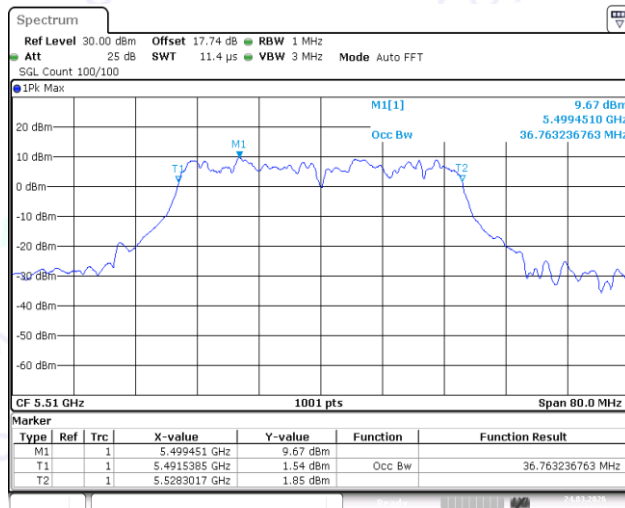
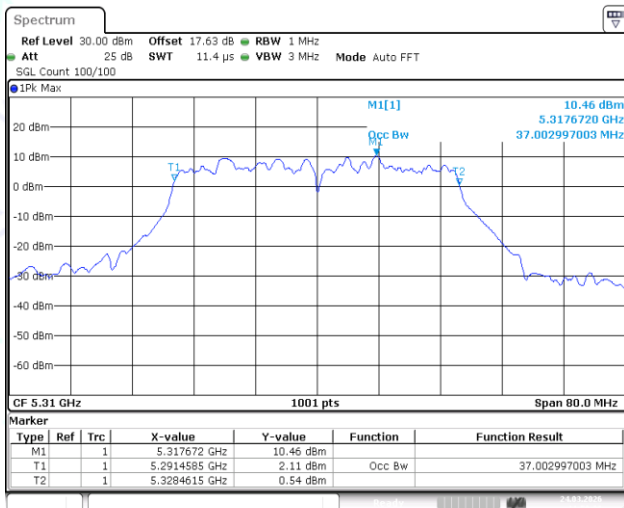
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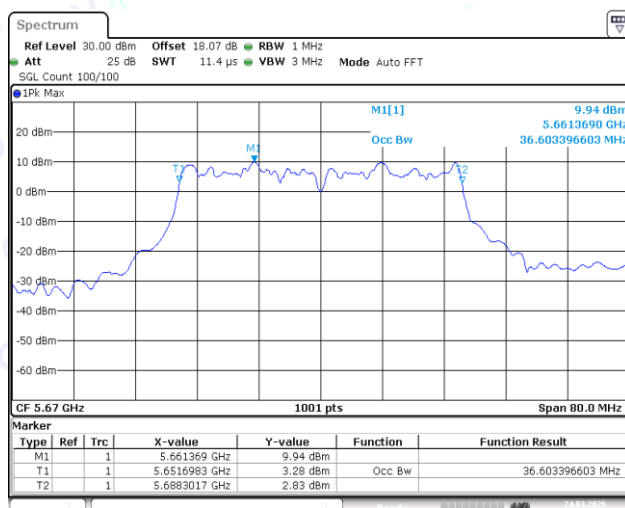
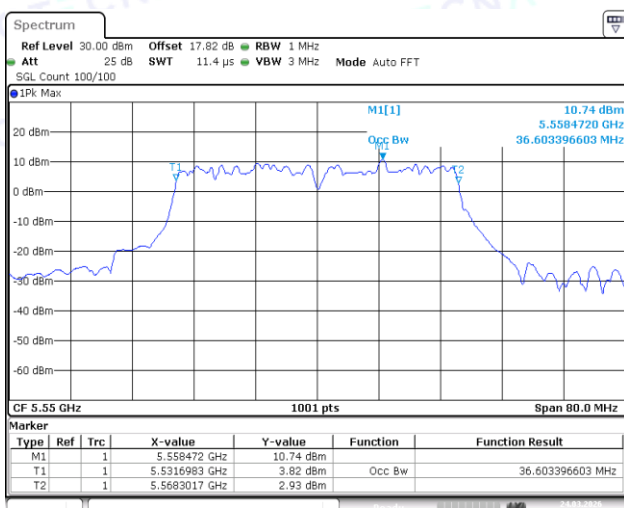
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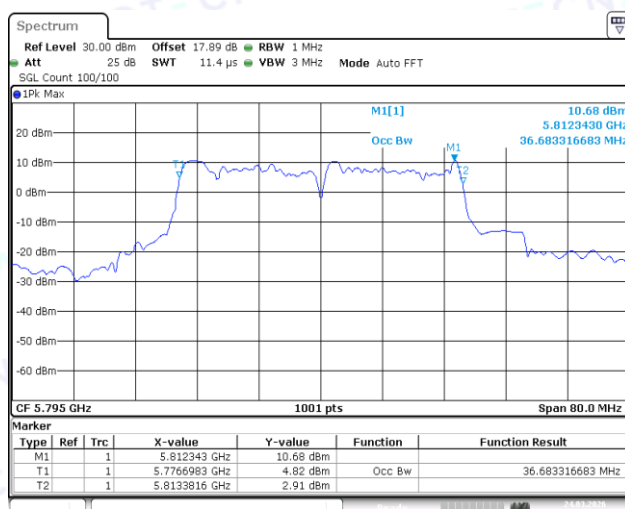
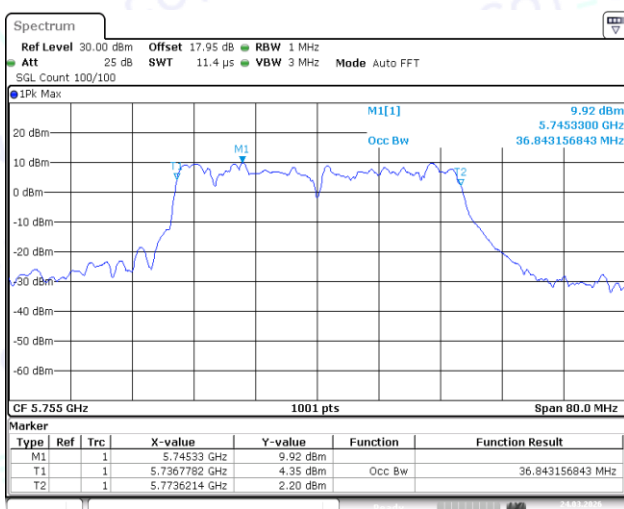
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11AC40SISO-Ant1-5755

11AC40SISO-Ant1-5795