

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

General Description of EUT	
EUT Name:	2K Wi-Fi Battery Camera
Model:	OC101A-BDW-AZ1
Sample ID:	HC-C-202505-0132-01-04#
Test Standard:	FCC Part 15.407 & RSS 247 Issue 3
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 5V
Test Engineer:	Gold Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202505-0132-163	

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1. Emission Bandwidth

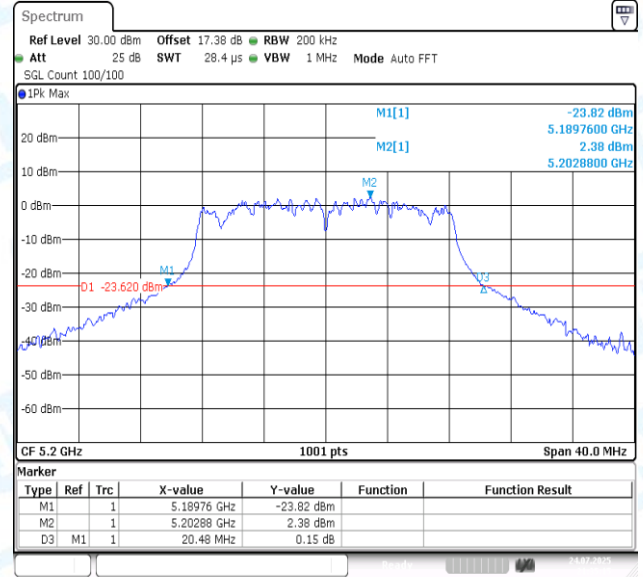
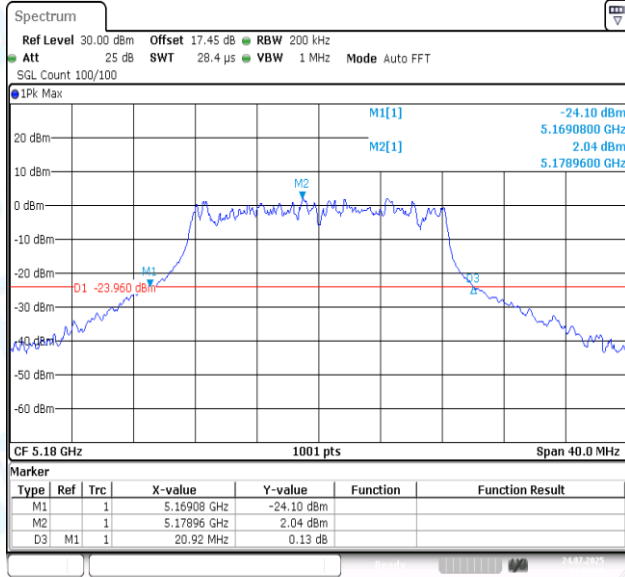
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.92	5169.08	5190.00	---	---
11A	Ant1	5200	20.48	5189.76	5210.24	---	---
11A	Ant1	5240	20.60	5229.60	5250.20	---	---
11A	Ant1	5260	23.68	5248.84	5272.52	---	---
11A	Ant1	5280	22.32	5268.76	5291.08	---	---
11A	Ant1	5320	19.80	5310.36	5330.16	---	---
11A	Ant1	5500	22.20	5488.96	5511.16	---	---
11A	Ant1	5580	22.60	5569.16	5591.76	---	---
11A	Ant1	5700	20.64	5689.44	5710.08	---	---
11A	Ant1	5745	22.88	5733.44	5756.32	---	---
11A	Ant1	5785	20.76	5773.80	5794.56	---	---
11A	Ant1	5825	20.44	5814.48	5834.92	---	---
11N20SISO	Ant1	5180	24.92	5167.88	5192.80	---	---
11N20SISO	Ant1	5200	21.64	5189.16	5210.80	---	---
11N20SISO	Ant1	5240	22.88	5228.56	5251.44	---	---
11N20SISO	Ant1	5260	24.32	5247.32	5271.64	---	---
11N20SISO	Ant1	5280	24.40	5267.56	5291.96	---	---
11N20SISO	Ant1	5320	23.08	5308.88	5331.96	---	---
11N20SISO	Ant1	5500	23.64	5488.20	5511.84	---	---
11N20SISO	Ant1	5580	23.04	5568.44	5591.48	---	---
11N20SISO	Ant1	5700	22.76	5688.28	5711.04	---	---
11N20SISO	Ant1	5745	23.20	5733.20	5756.40	---	---
11N20SISO	Ant1	5785	22.72	5773.40	5796.12	---	---
11N20SISO	Ant1	5825	21.44	5814.56	5836.00	---	---
11N40SISO	Ant1	5190	80.00	5150.00	5230.00	---	---
11N40SISO	Ant1	5230	44.16	5209.12	5253.28	---	---
11N40SISO	Ant1	5270	42.24	5249.36	5291.60	---	---
11N40SISO	Ant1	5310	42.88	5288.24	5331.12	---	---
11N40SISO	Ant1	5510	44.64	5488.16	5532.80	---	---
11N40SISO	Ant1	5550	43.92	5526.72	5570.64	---	---
11N40SISO	Ant1	5670	42.48	5647.68	5690.16	---	---
11N40SISO	Ant1	5755	44.16	5732.68	5776.84	---	---
11N40SISO	Ant1	5795	44.08	5772.20	5816.28	---	---
11AC20SISO	Ant1	5180	23.68	5167.24	5190.92	---	---
11AC20SISO	Ant1	5200	22.80	5189.32	5212.12	---	---
11AC20SISO	Ant1	5240	23.36	5228.72	5252.08	---	---
11AC20SISO	Ant1	5260	23.32	5247.64	5270.96	---	---
11AC20SISO	Ant1	5280	23.00	5268.76	5291.76	---	---
11AC20SISO	Ant1	5320	23.24	5308.56	5331.80	---	---
11AC20SISO	Ant1	5500	23.96	5487.80	5511.76	---	---
11AC20SISO	Ant1	5580	22.40	5568.68	5591.08	---	---

11AC20SISO	Ant1	5700	22.68	5689.00	5711.68	---	---
11AC20SISO	Ant1	5745	23.48	5733.36	5756.84	---	---
11AC20SISO	Ant1	5785	24.20	5772.80	5797.00	---	---
11AC20SISO	Ant1	5825	24.24	5812.88	5837.12	---	---
11AC40SISO	Ant1	5190	42.56	5168.24	5210.80	---	---
11AC40SISO	Ant1	5230	41.20	5209.84	5251.04	---	---
11AC40SISO	Ant1	5270	43.92	5247.28	5291.20	---	---
11AC40SISO	Ant1	5310	43.44	5288.48	5331.92	---	---
11AC40SISO	Ant1	5510	43.84	5488.08	5531.92	---	---
11AC40SISO	Ant1	5550	43.12	5529.20	5572.32	---	---
11AC40SISO	Ant1	5670	42.00	5648.64	5690.64	---	---
11AC40SISO	Ant1	5755	43.76	5732.44	5776.20	---	---
11AC40SISO	Ant1	5795	45.52	5772.20	5817.72	---	---
11AX20SISO	Ant1	5180	23.36	5169.00	5192.36	---	---
11AX20SISO	Ant1	5200	21.28	5189.32	5210.60	---	---
11AX20SISO	Ant1	5240	22.80	5228.96	5251.76	---	---
11AX20SISO	Ant1	5260	22.96	5248.00	5270.96	---	---
11AX20SISO	Ant1	5280	21.88	5268.76	5290.64	---	---
11AX20SISO	Ant1	5320	21.08	5309.68	5330.76	---	---
11AX20SISO	Ant1	5500	22.48	5488.76	5511.24	---	---
11AX20SISO	Ant1	5580	22.52	5569.48	5592.00	---	---
11AX20SISO	Ant1	5700	23.24	5688.52	5711.76	---	---
11AX20SISO	Ant1	5745	22.44	5733.56	5756.00	---	---
11AX20SISO	Ant1	5785	23.32	5773.24	5796.56	---	---
11AX20SISO	Ant1	5825	22.36	5813.68	5836.04	---	---
11AX40SISO	Ant1	5190	40.72	5170.16	5210.88	---	---
11AX40SISO	Ant1	5230	40.08	5209.60	5249.68	---	---
11AX40SISO	Ant1	5270	43.12	5248.64	5291.76	---	---
11AX40SISO	Ant1	5310	44.96	5286.80	5331.76	---	---
11AX40SISO	Ant1	5510	41.60	5489.68	5531.28	---	---
11AX40SISO	Ant1	5550	41.44	5529.44	5570.88	---	---
11AX40SISO	Ant1	5670	44.24	5648.24	5692.48	---	---
11AX40SISO	Ant1	5755	39.36	5735.24	5774.60	---	---
11AX40SISO	Ant1	5795	40.48	5775.32	5815.80	---	---

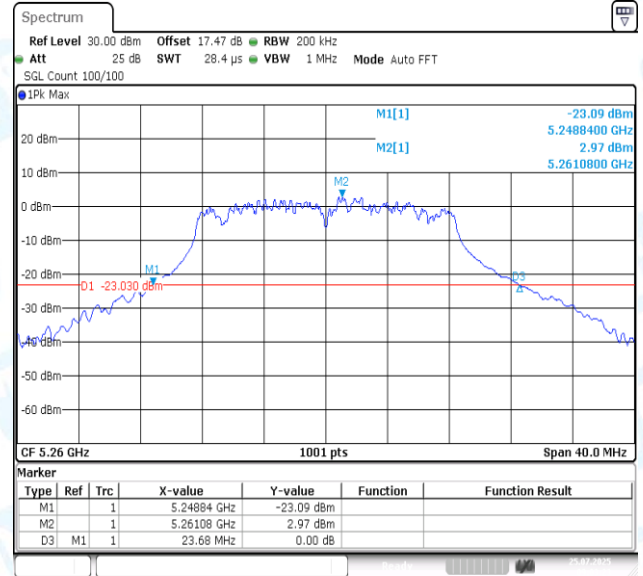
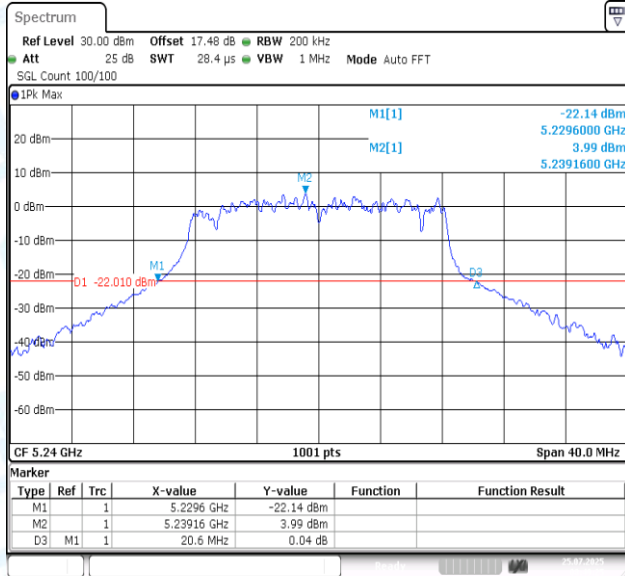
Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).

1.2 Test Graphs



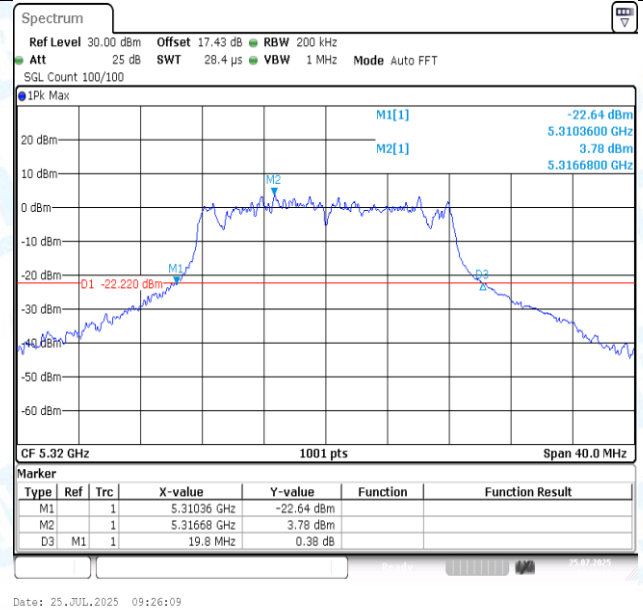
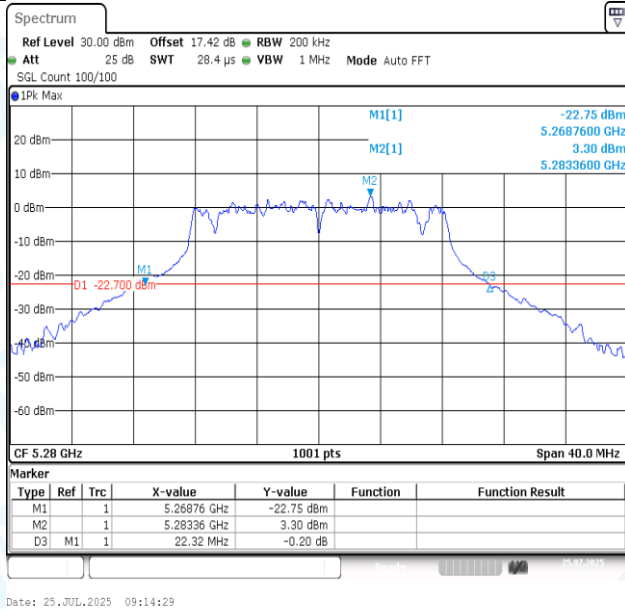
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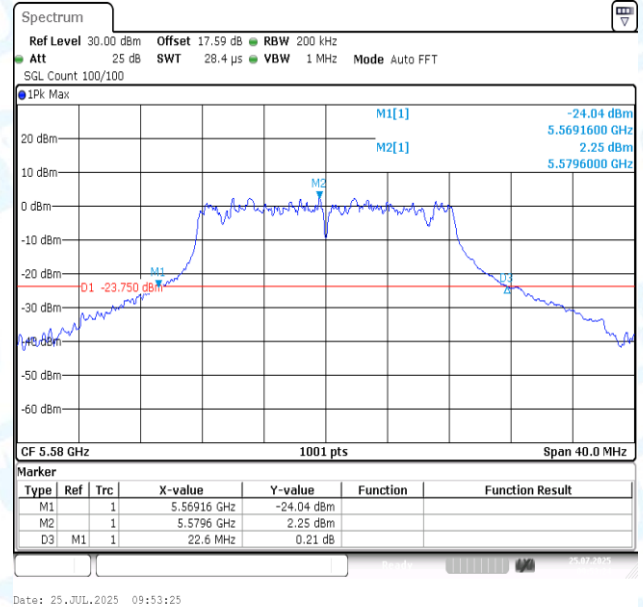
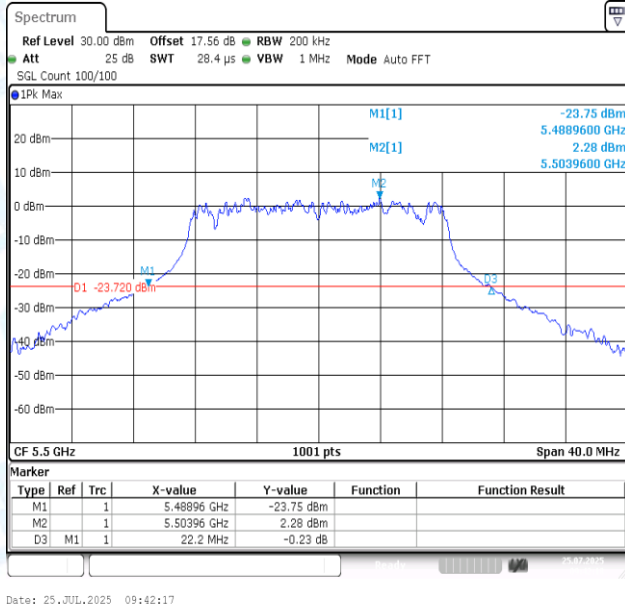
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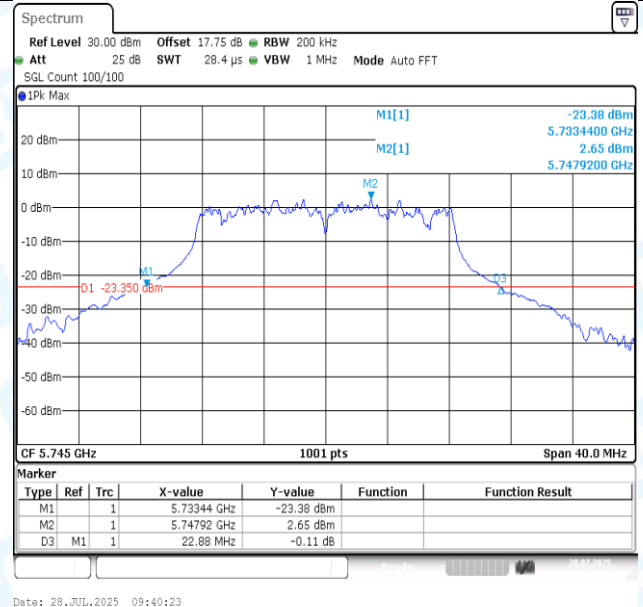
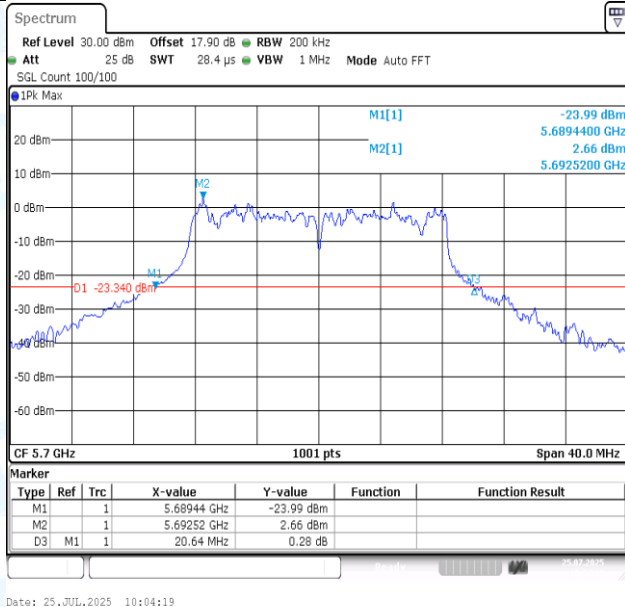
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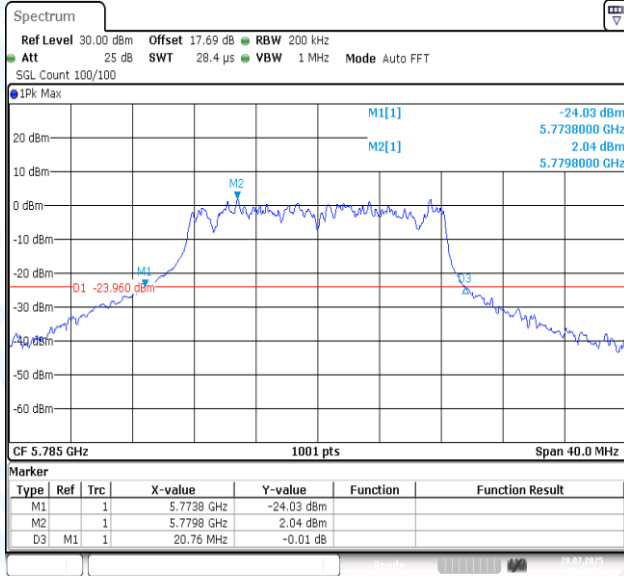


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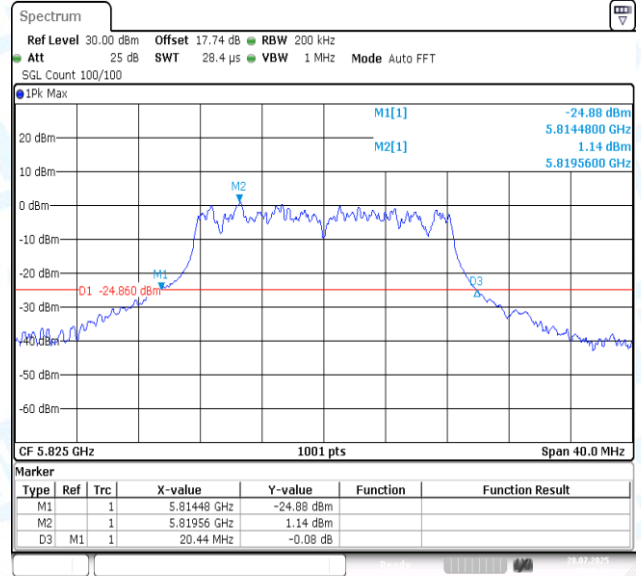
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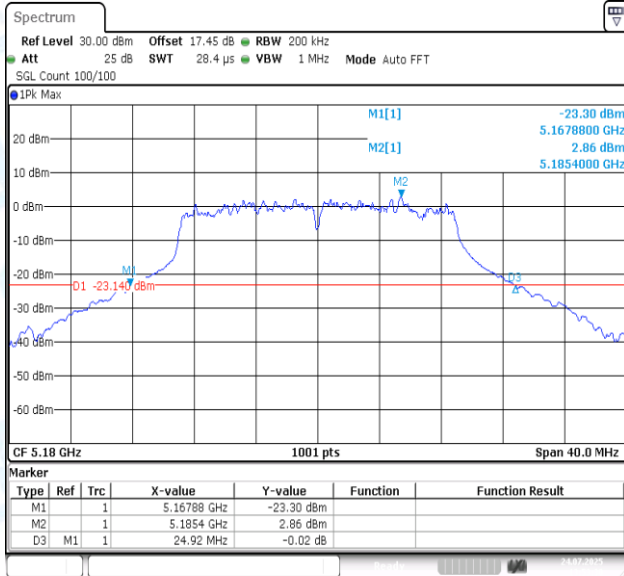
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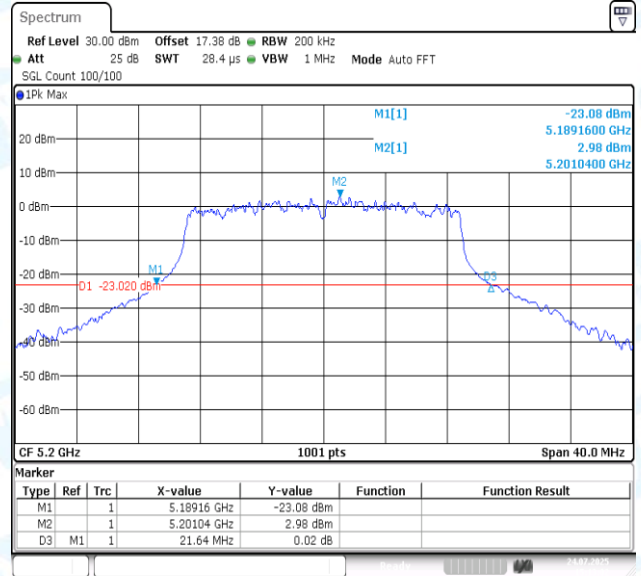
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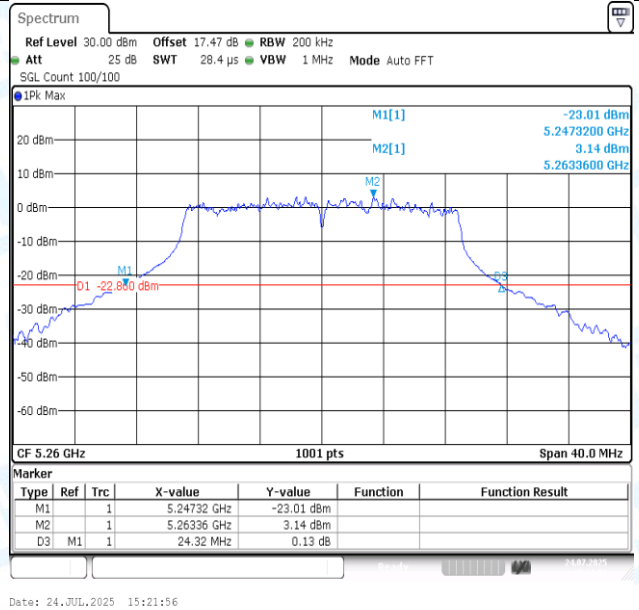
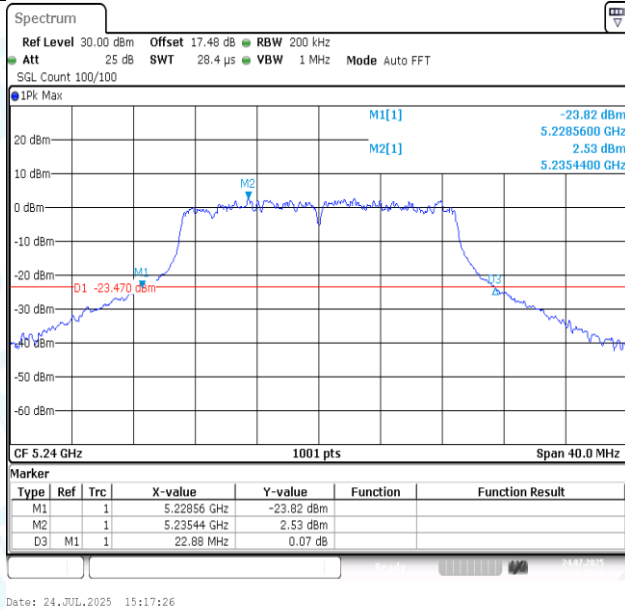


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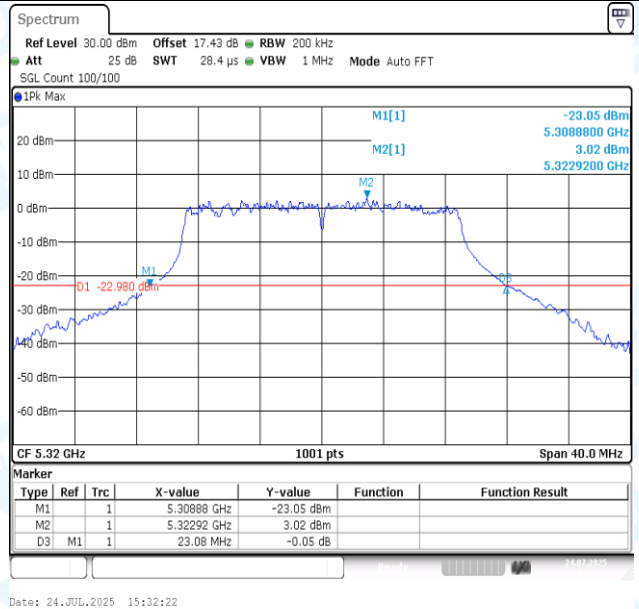
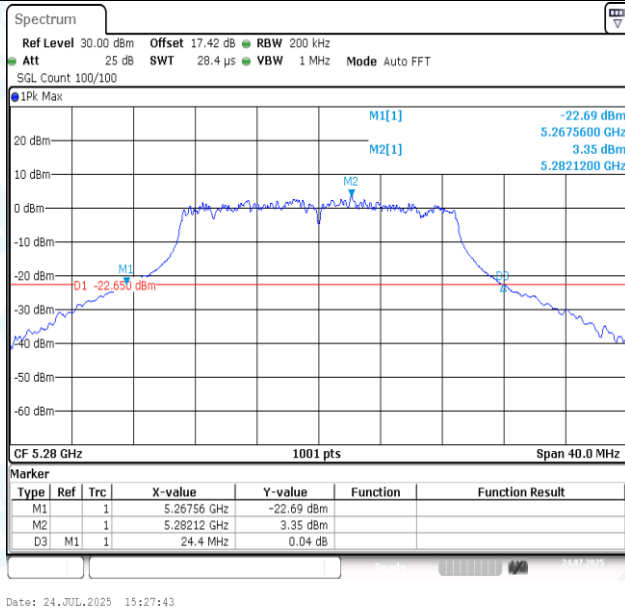
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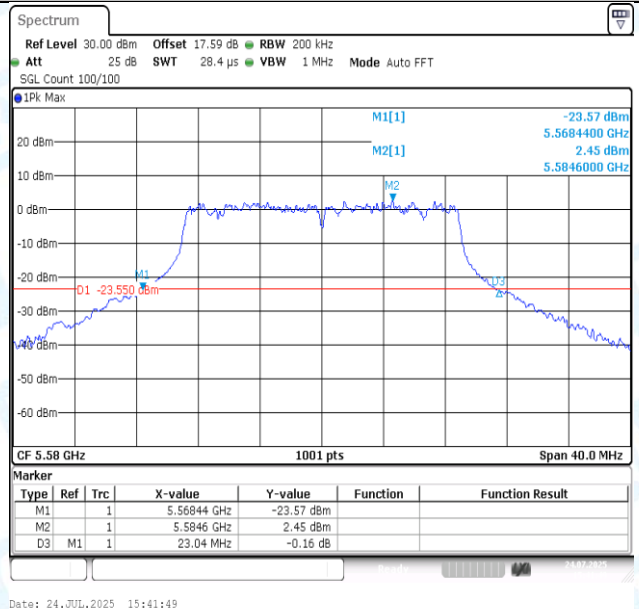
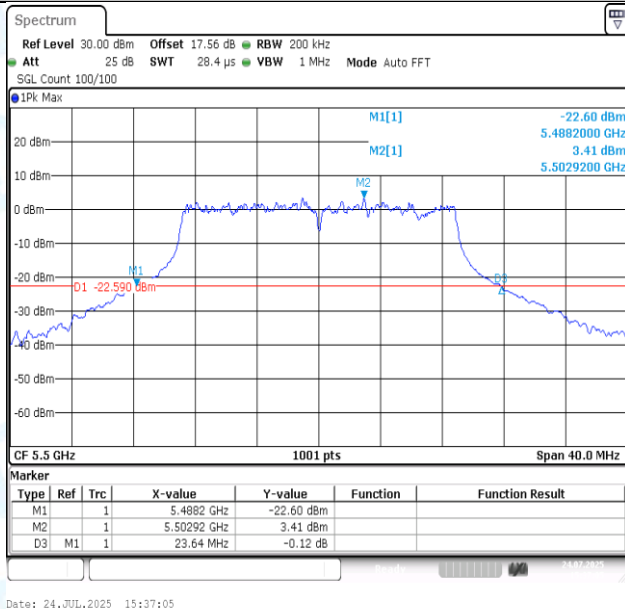
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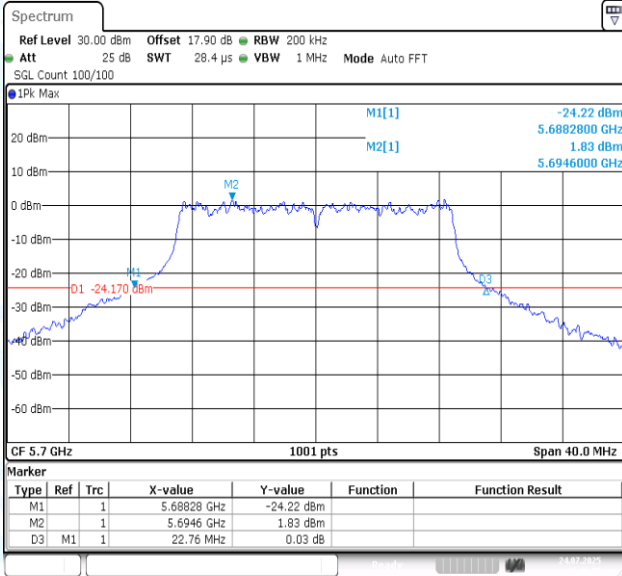


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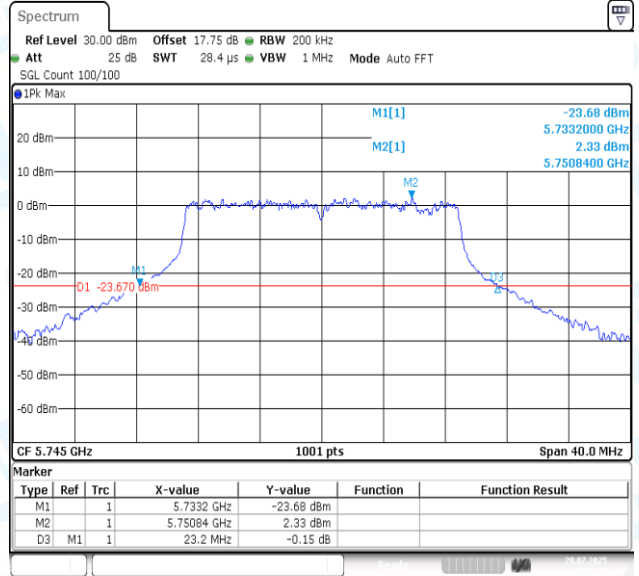
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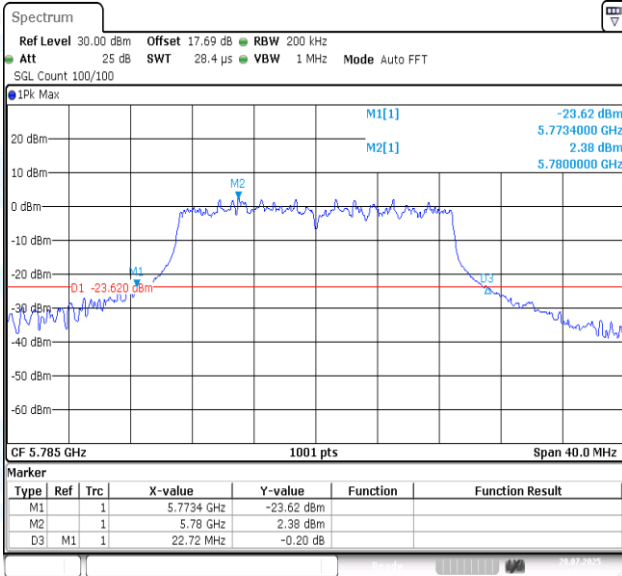
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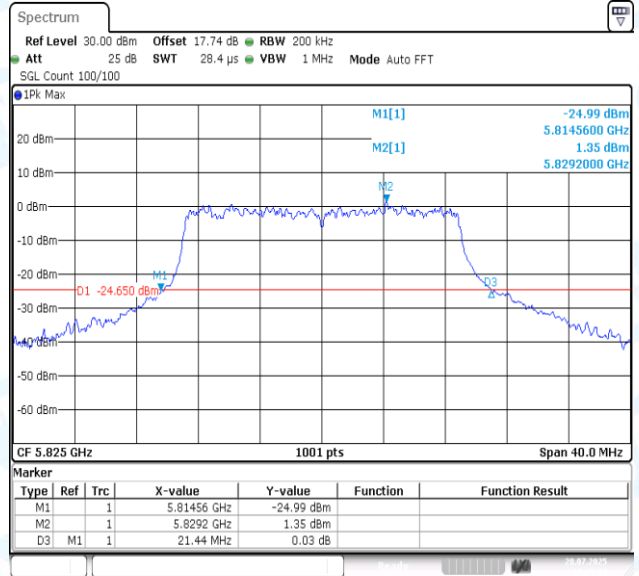
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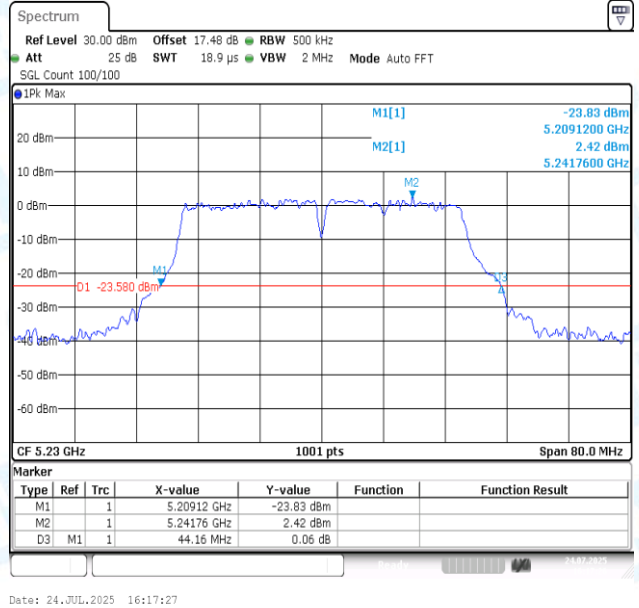
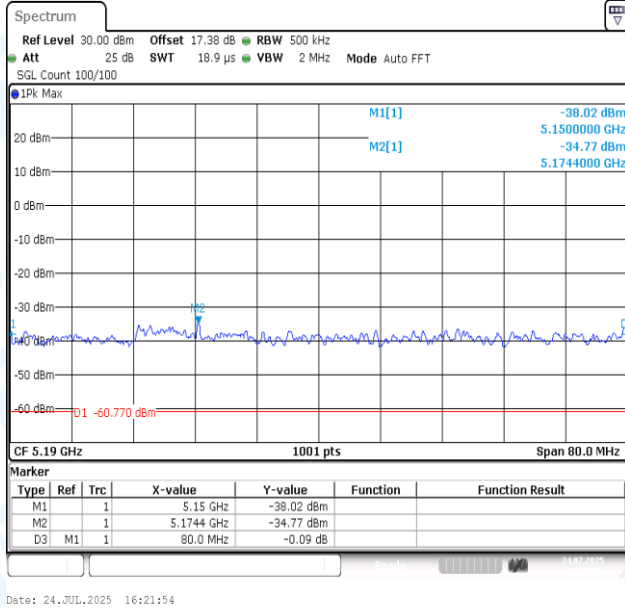


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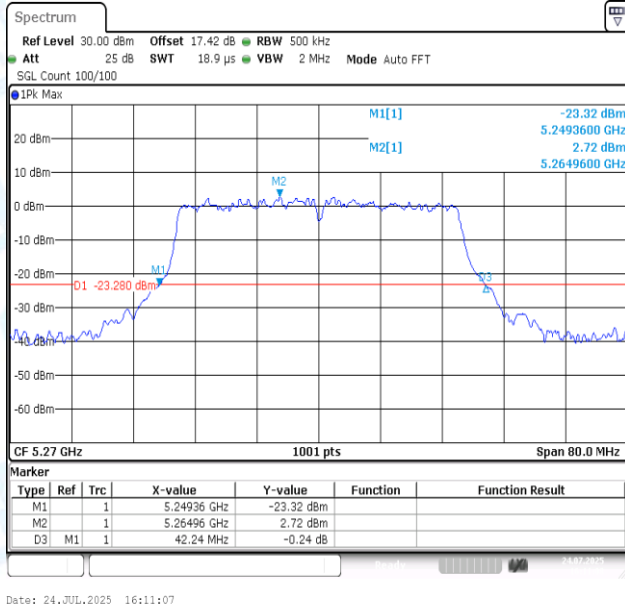


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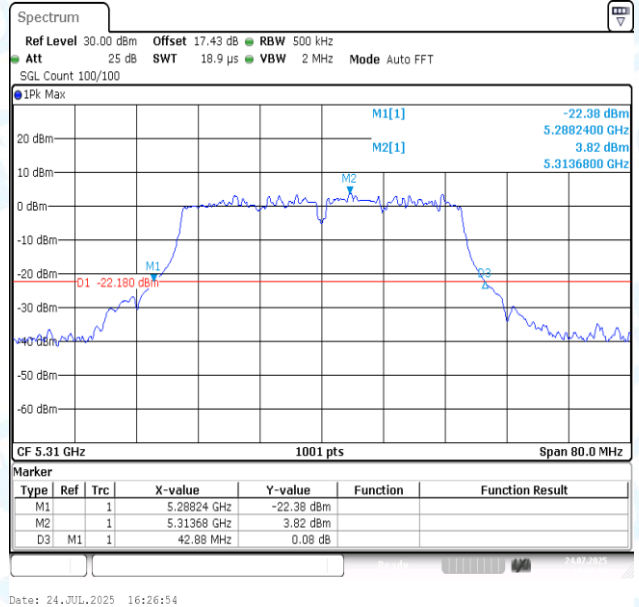
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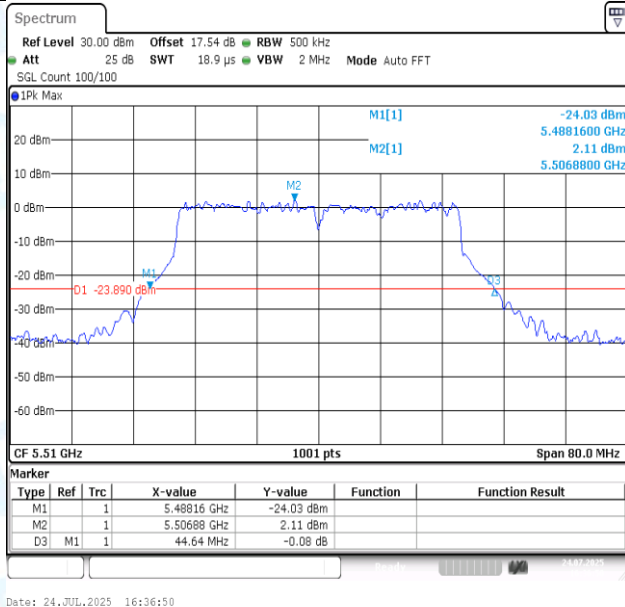
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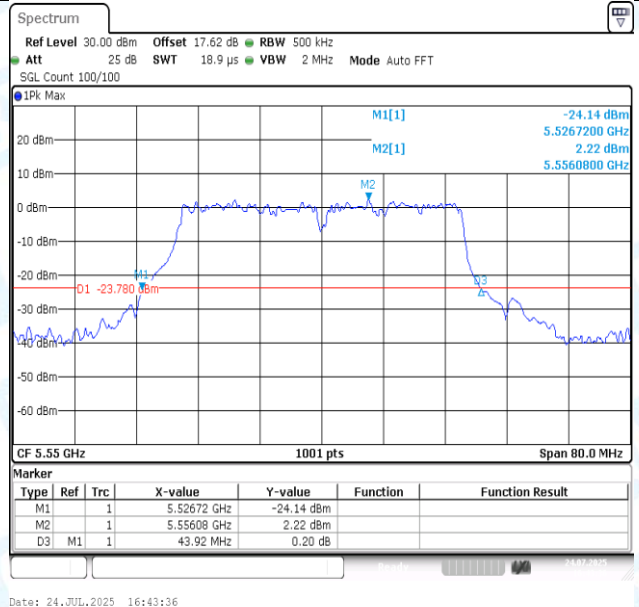
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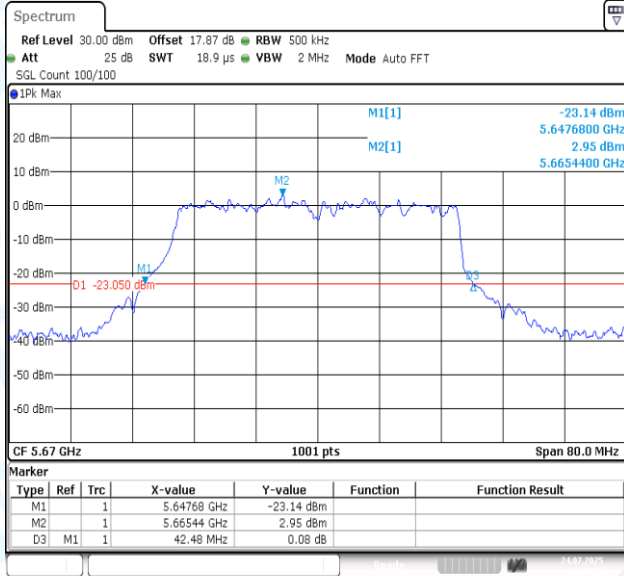
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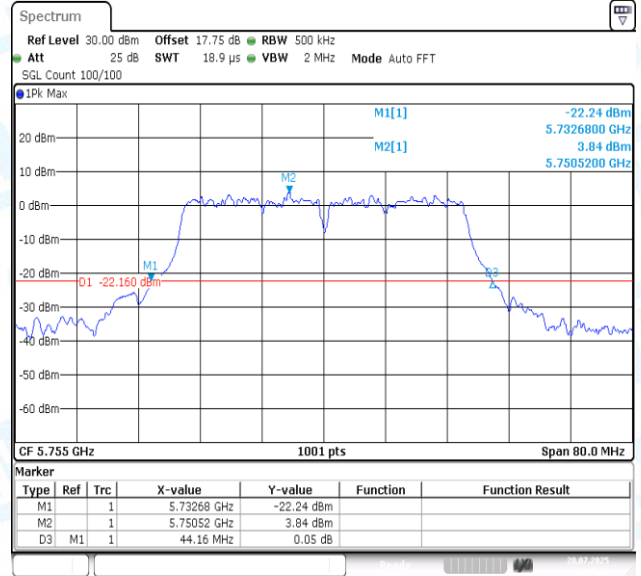
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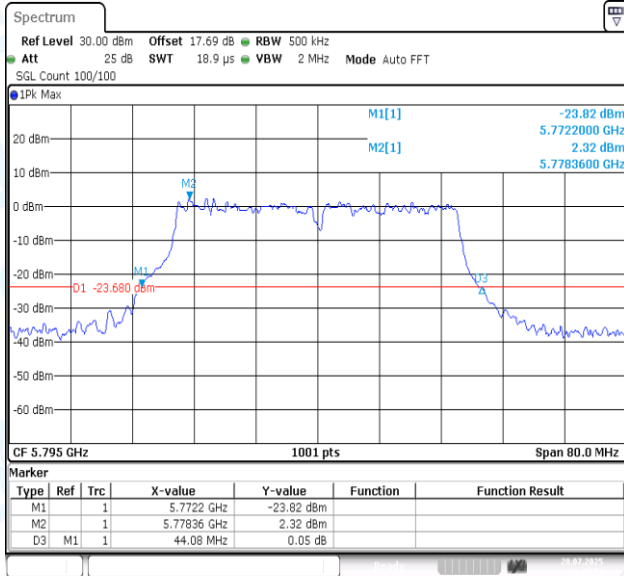
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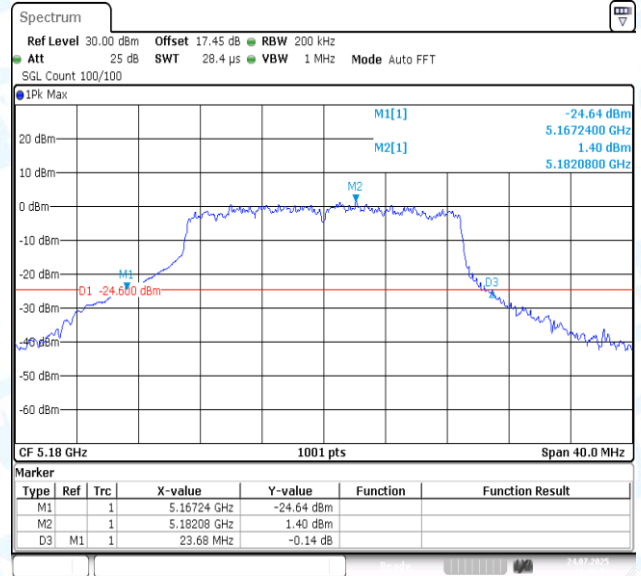
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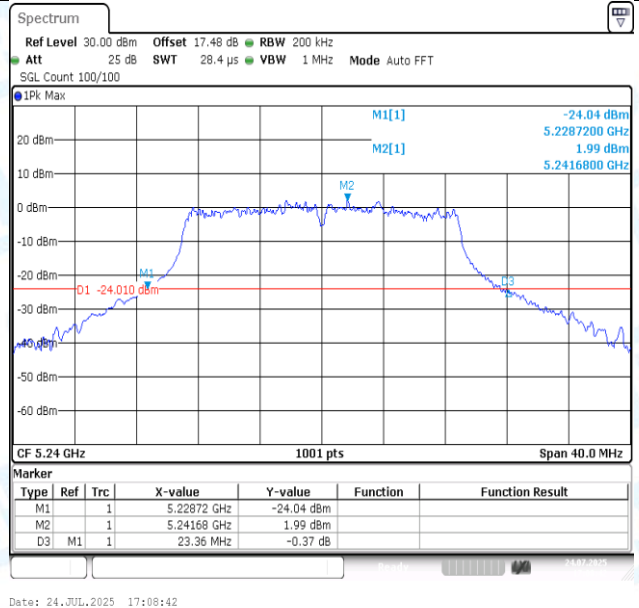
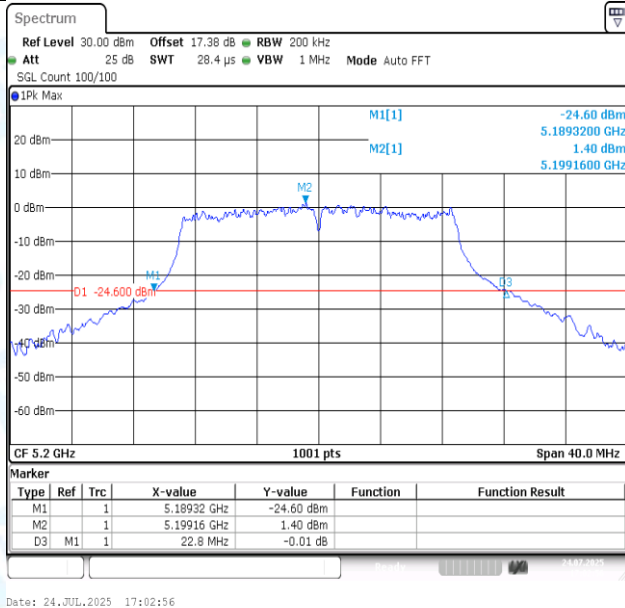


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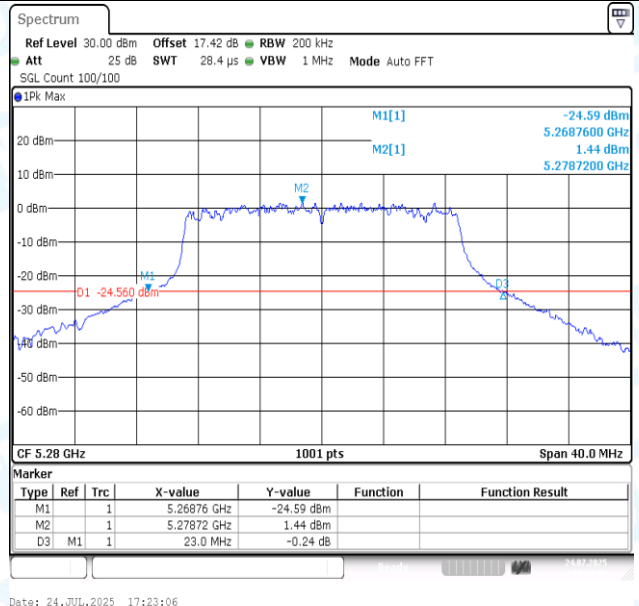
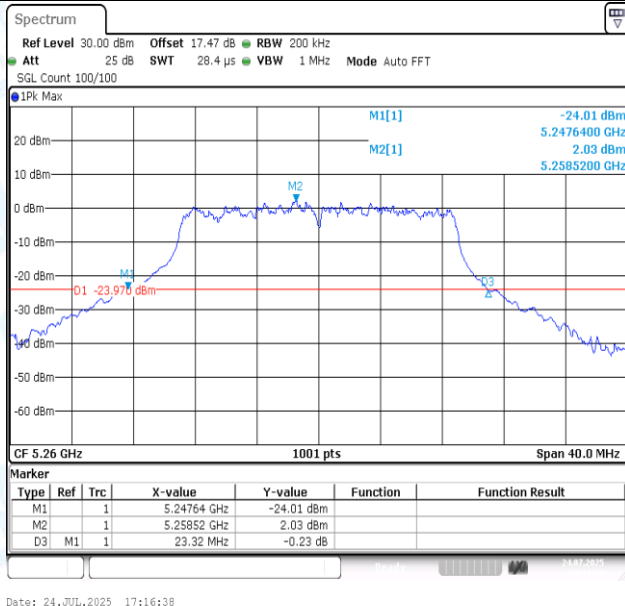
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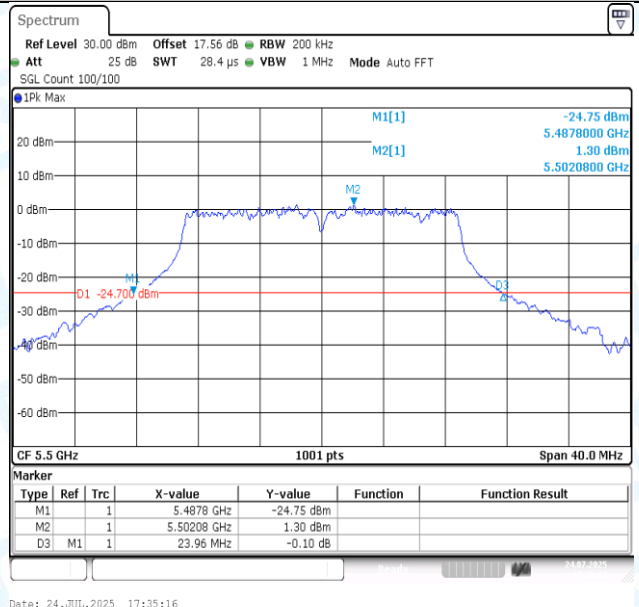
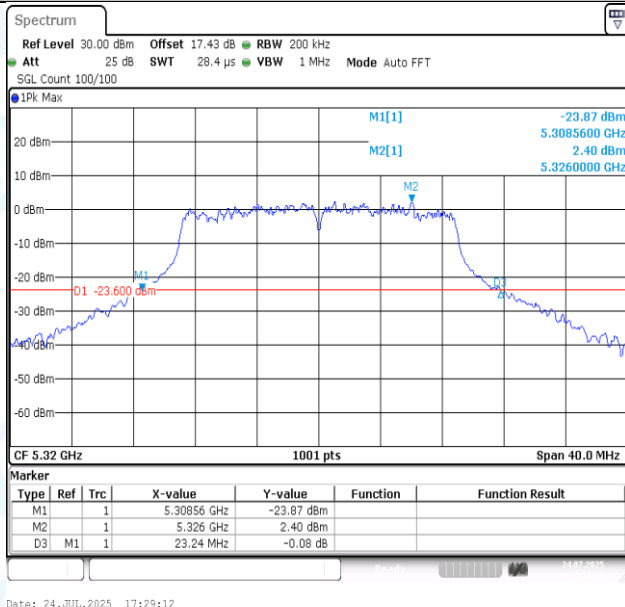
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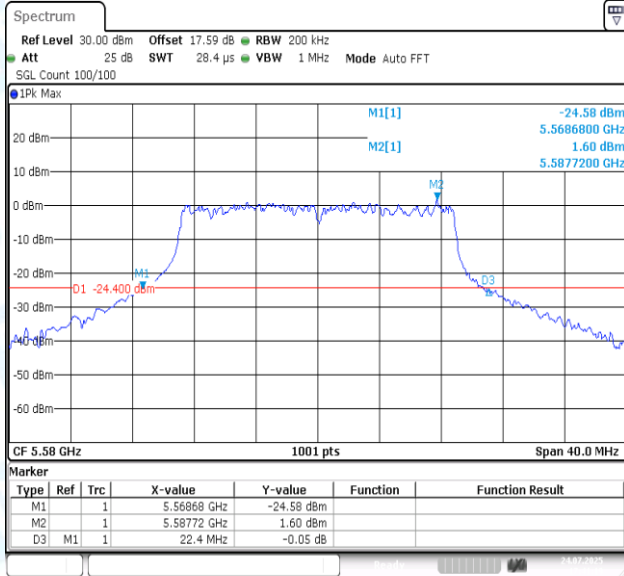


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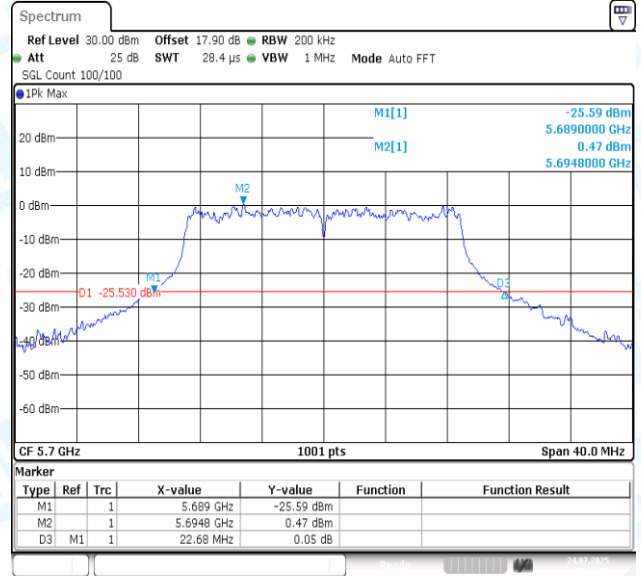
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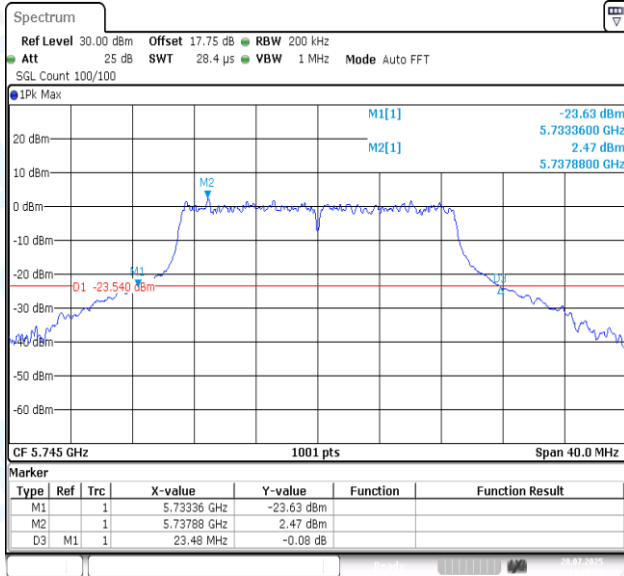
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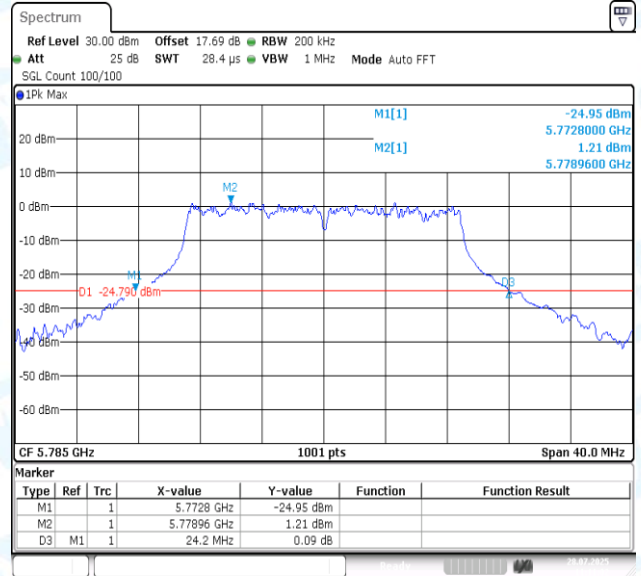
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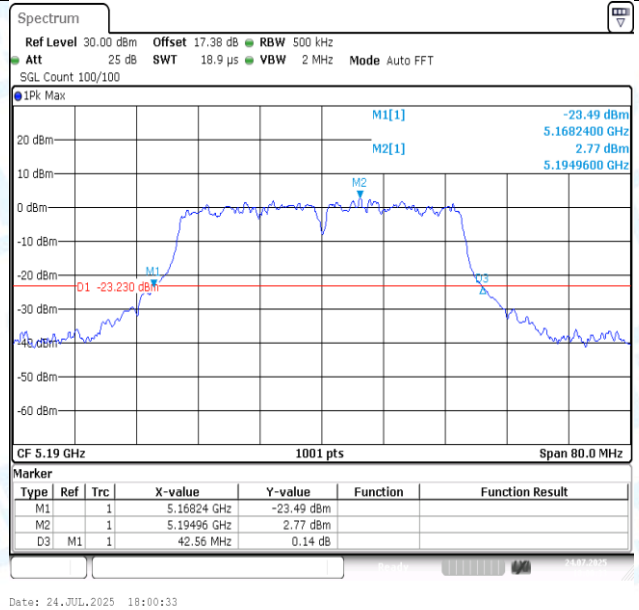
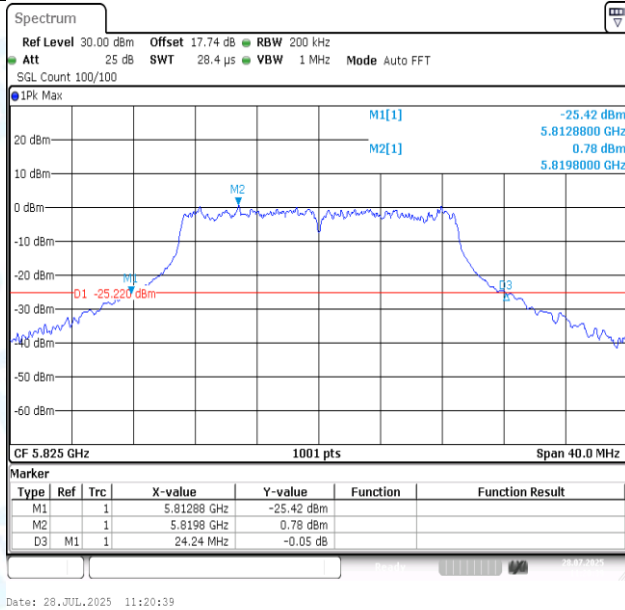


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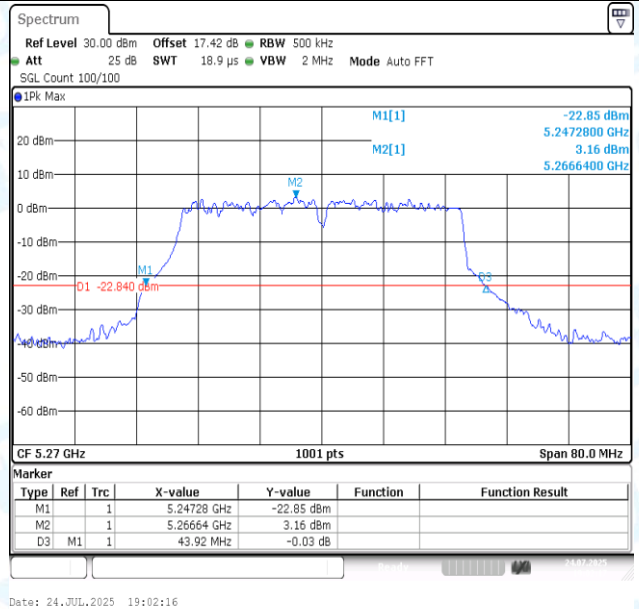
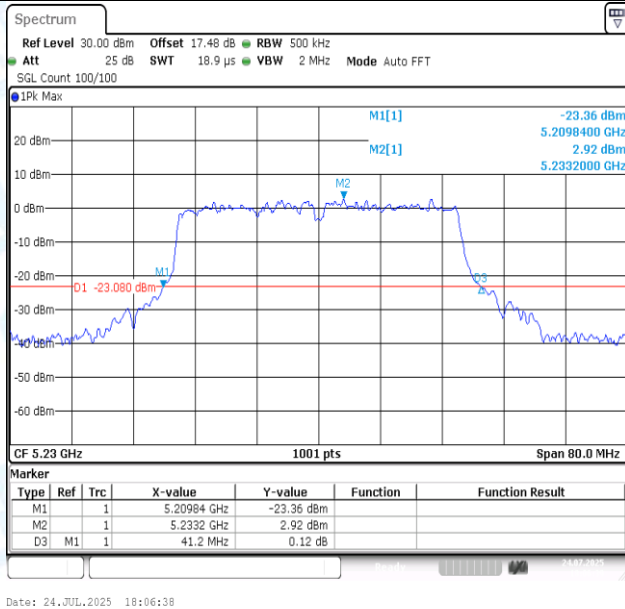
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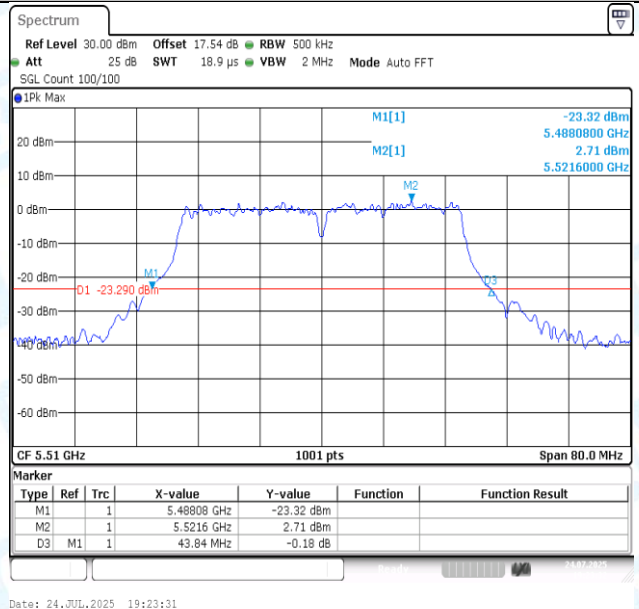
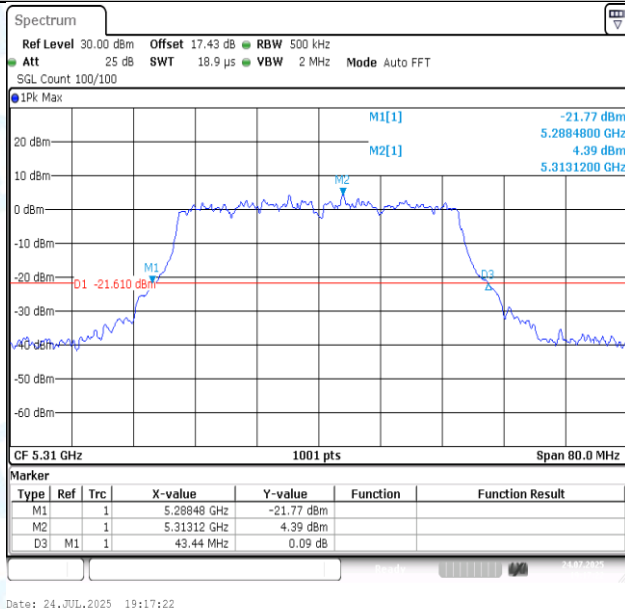
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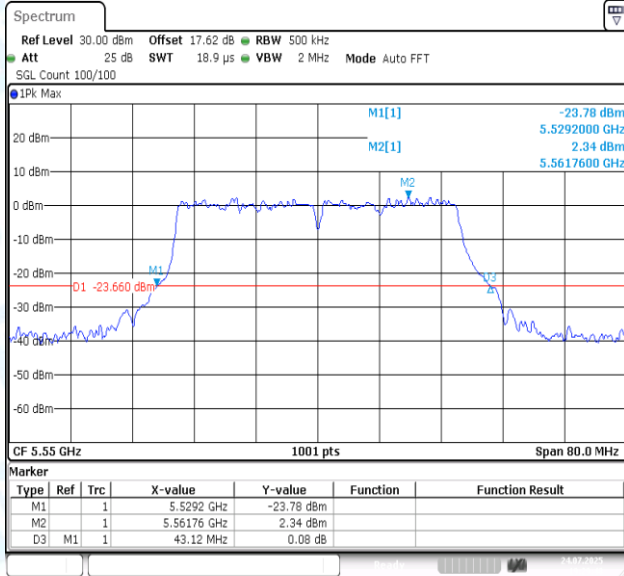


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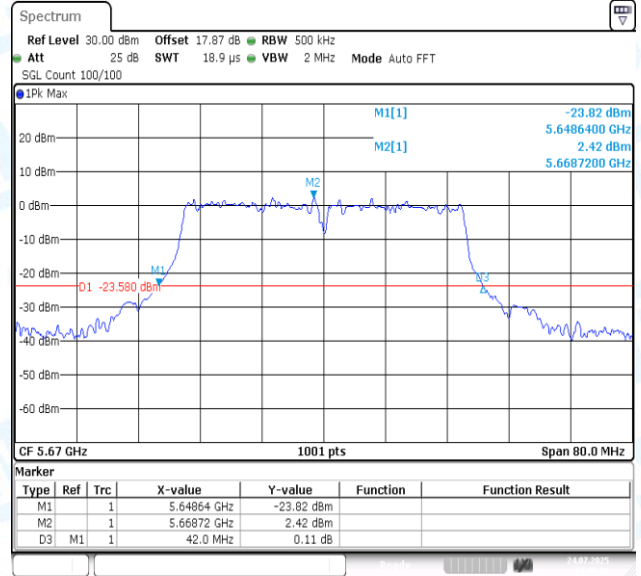
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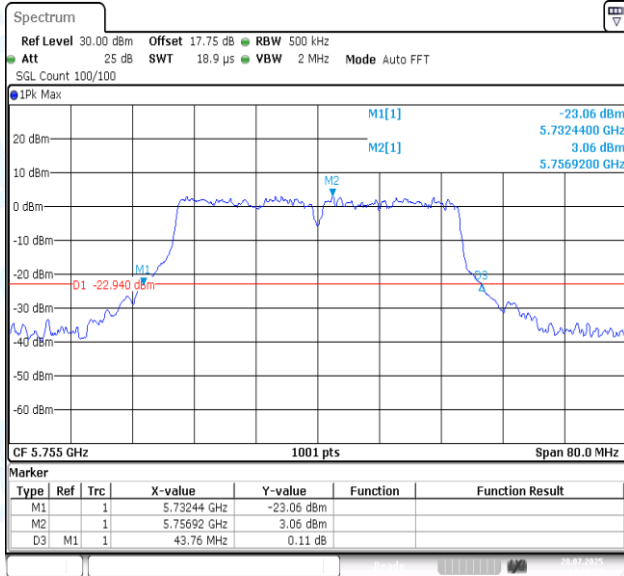
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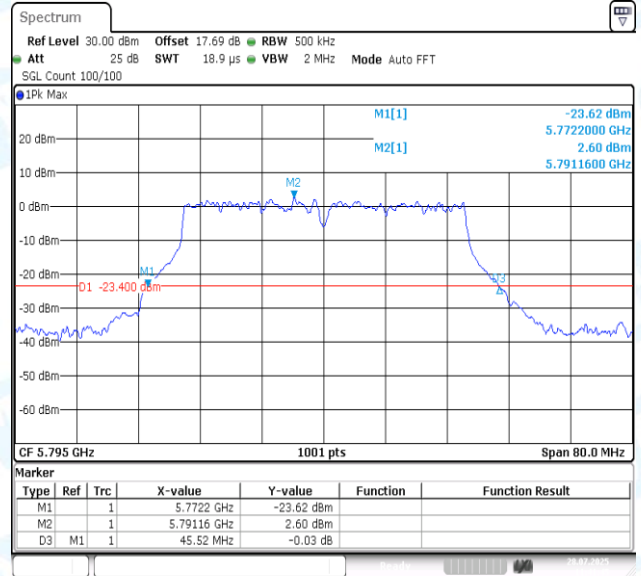
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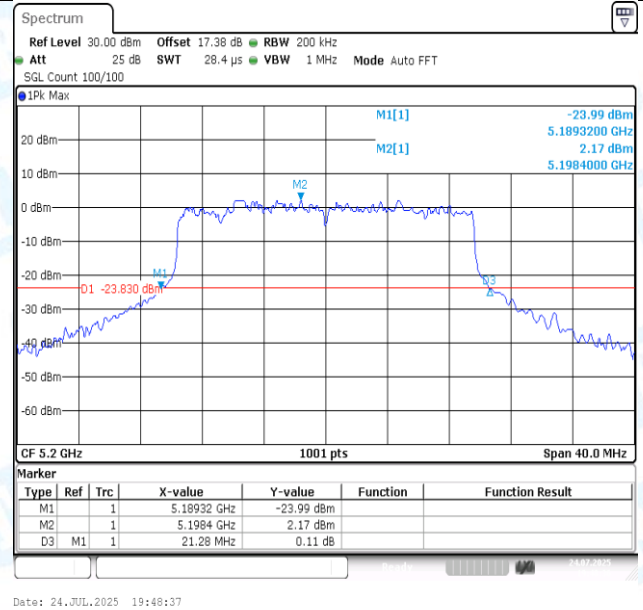
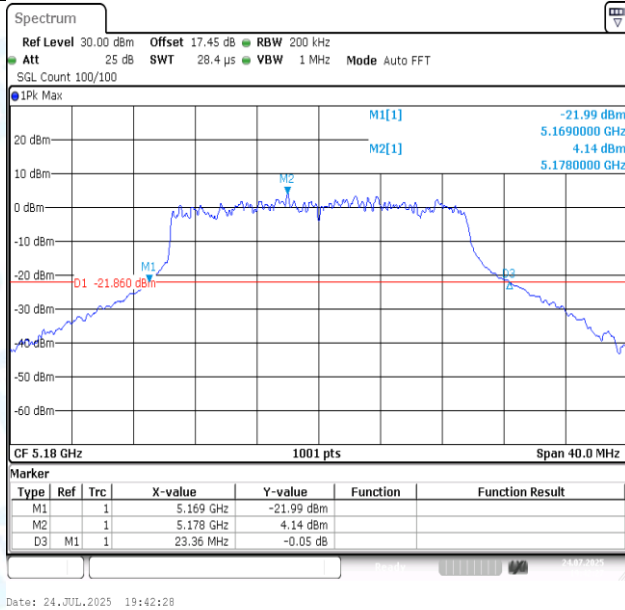


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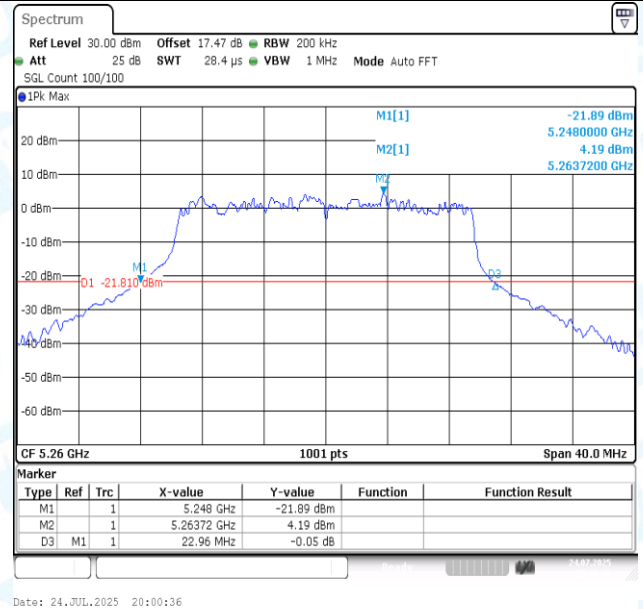
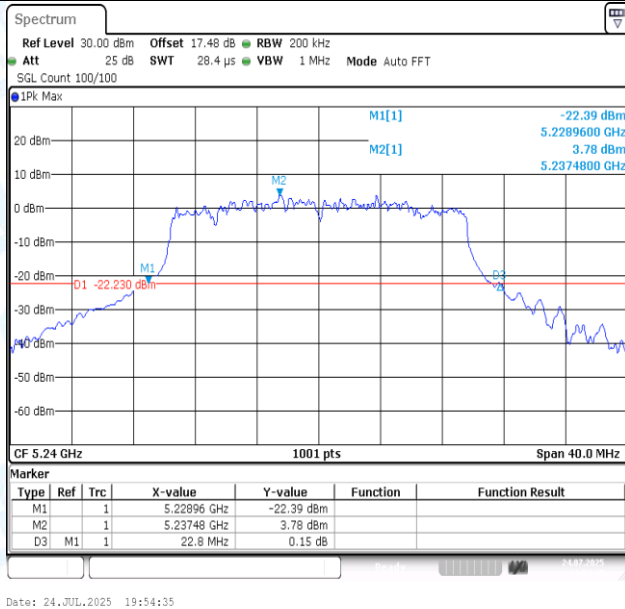
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11AC40SISO-Ant1-5795



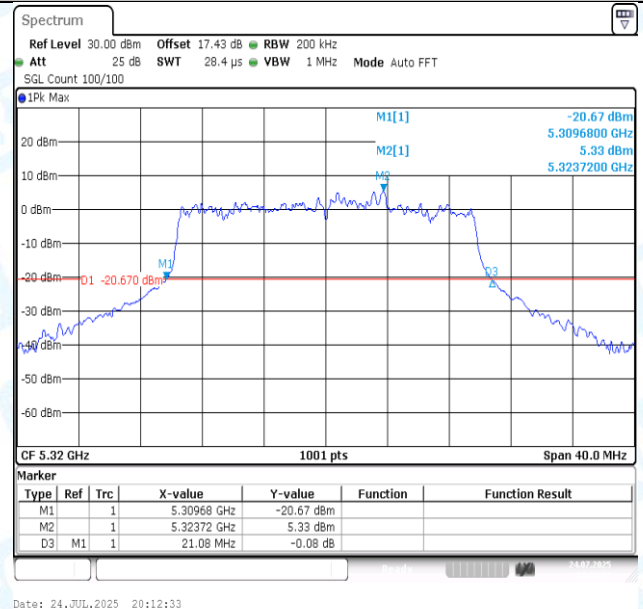
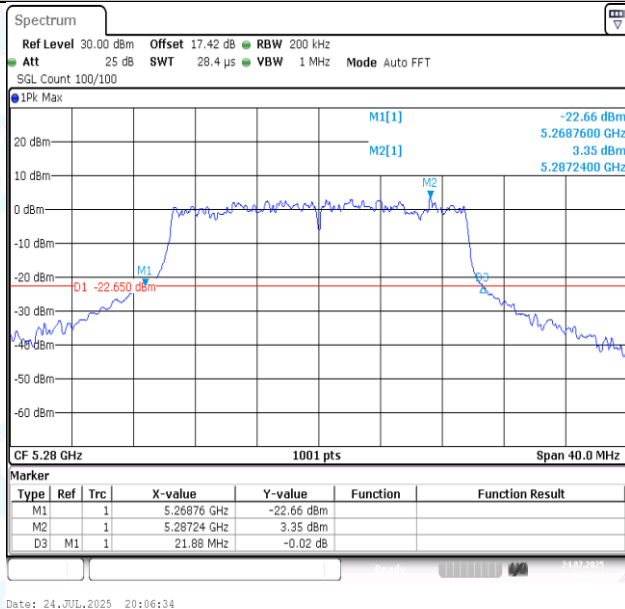
11AX20SISO-Ant1-5180

11AX20SISO-Ant1-5200

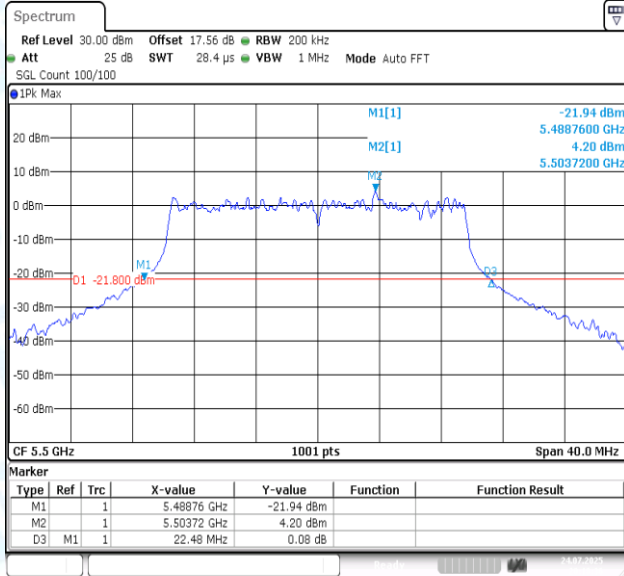


11AX20SISO-Ant1-5240

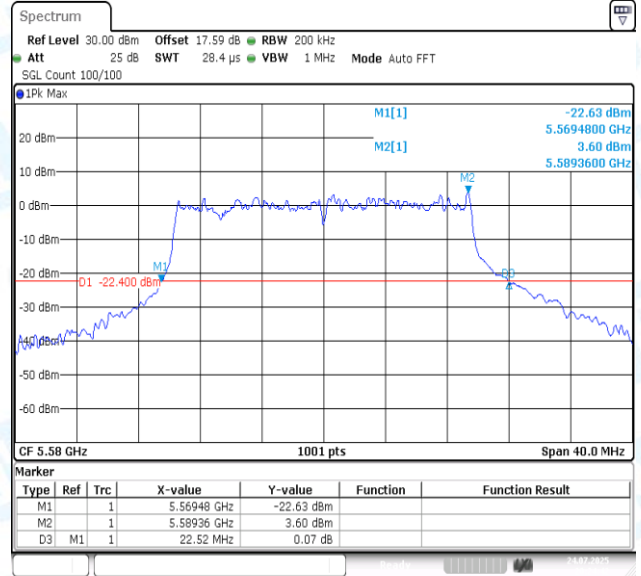
11AX20SISO-Ant1-5260



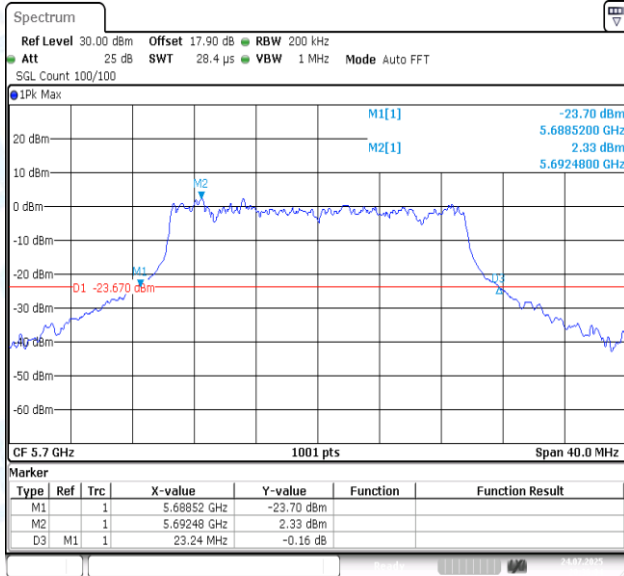
11AX20SISO-Ant1-5280



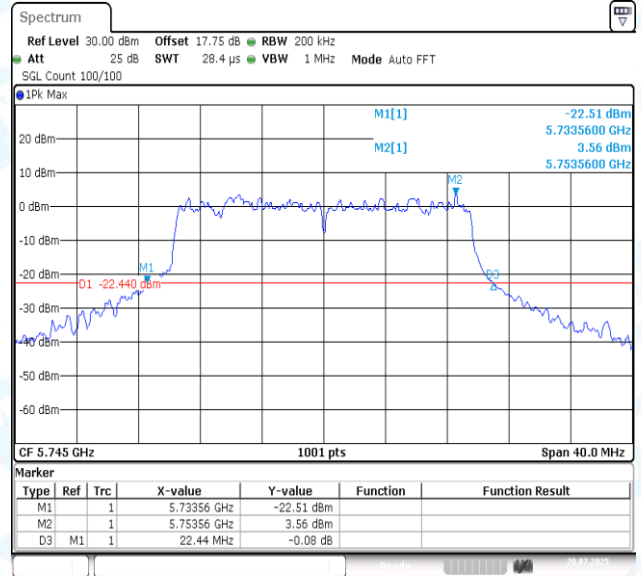
11AX20SISO-Ant1-5320



11AX20SISO-Ant1-5500

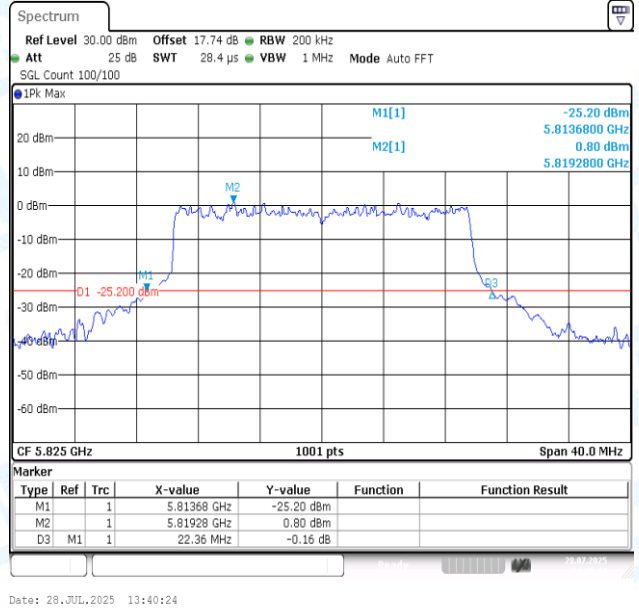
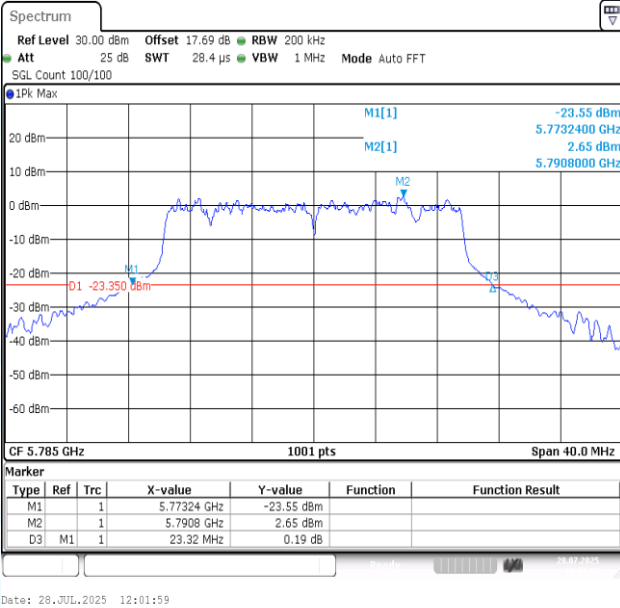


11AX20SISO-Ant1-5580



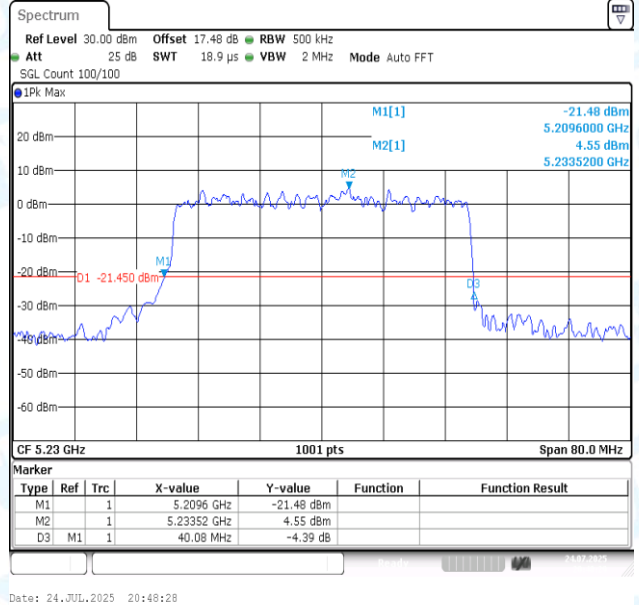
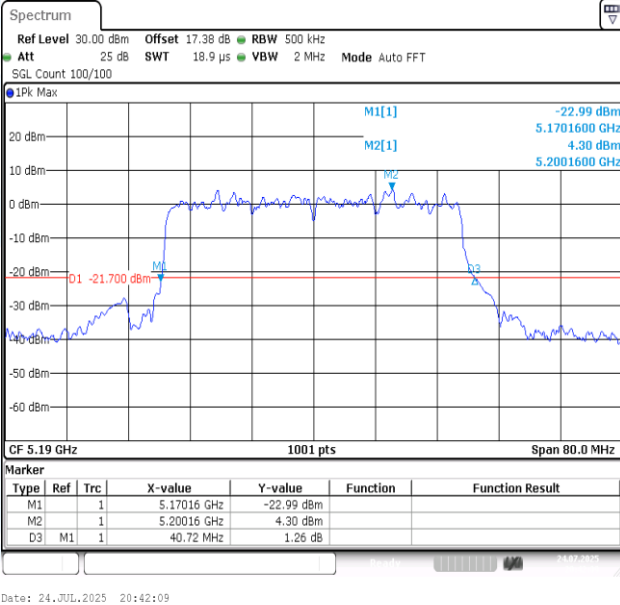
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11AX20SISO-Ant1-5745



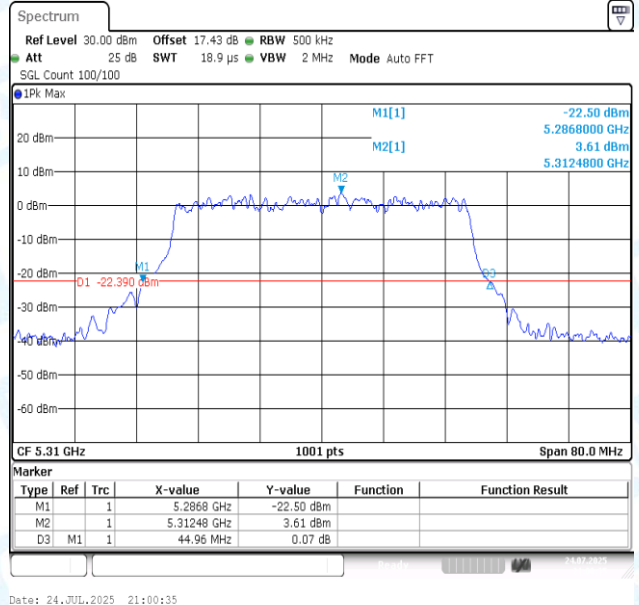
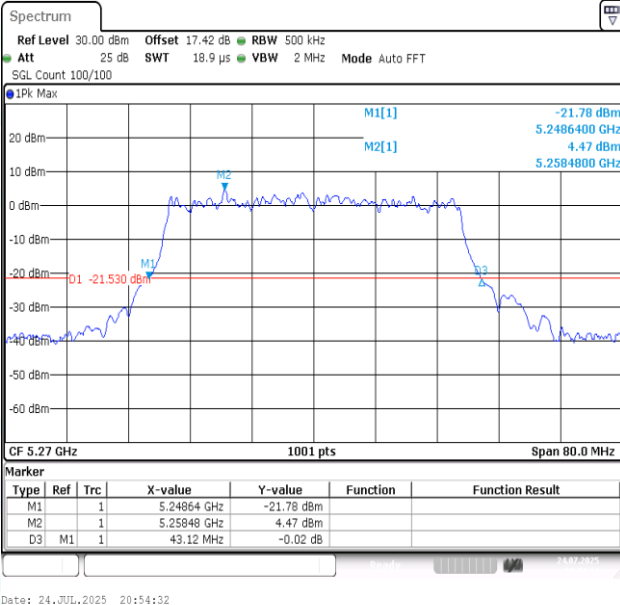
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11AX20SISO-Ant1-5825

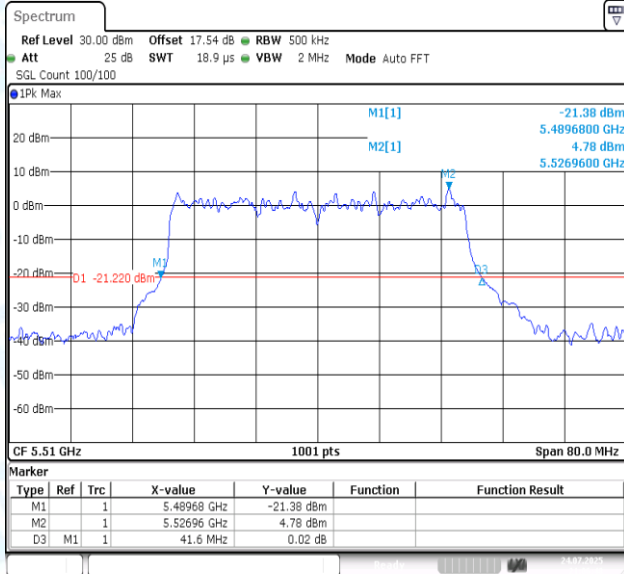


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11AX40SISO-Ant1-5230

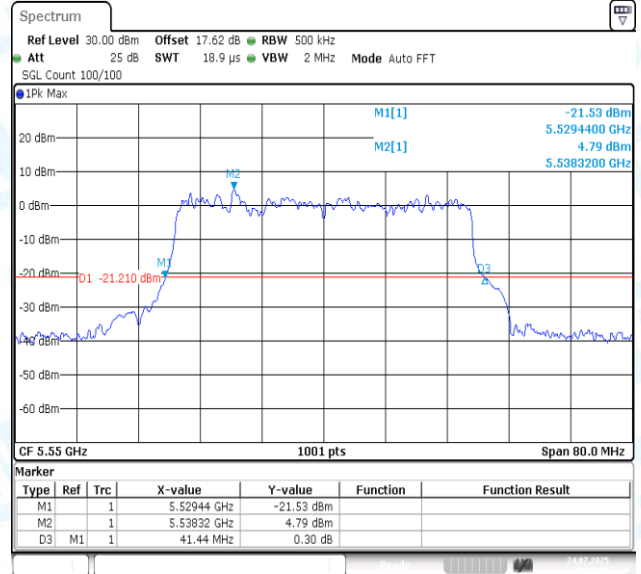


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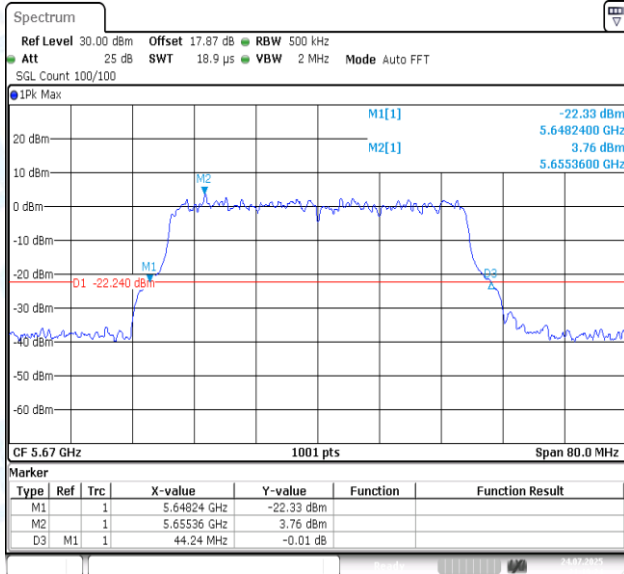
Date: 24.JUL.2025 21:06:48

11AX40SISO-Ant1-5310



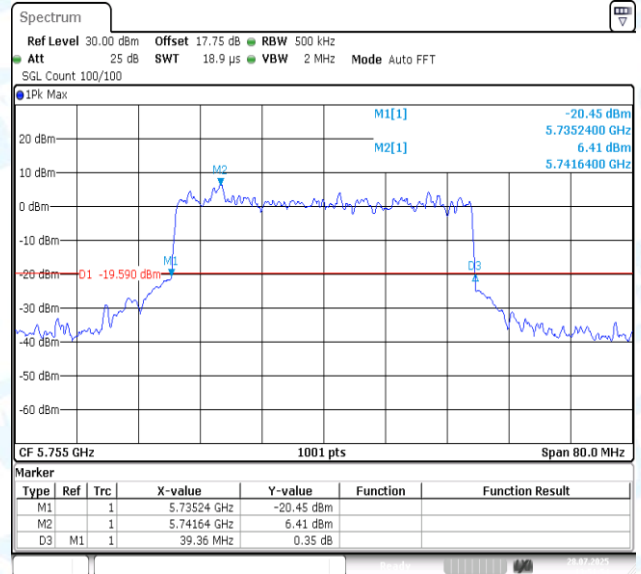
Date: 24.JUL.2025 21:13:21

11AX40SISO-Ant1-5510



Date: 24.JUL.2025 21:19:23

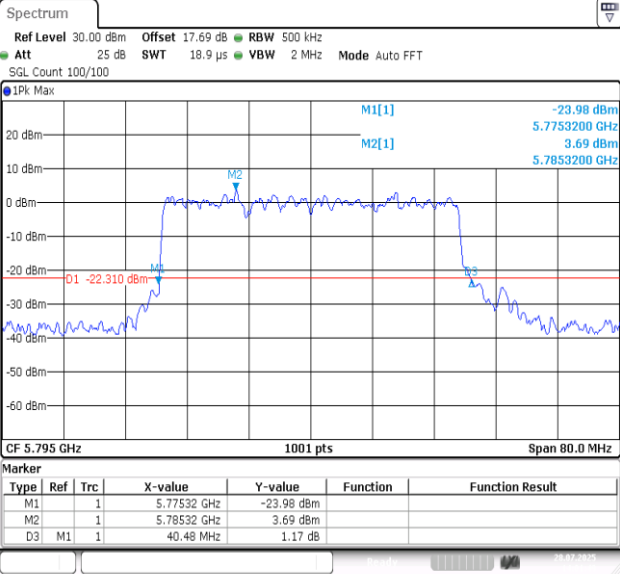
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Date: 28.JUL.2025 13:51:54

11AX40SISO-Ant1-5670

11AX40SISO-Ant1-5755



11AX40SISO-Ant1-5795

2. Occupied channel bandwidth

2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.464	5171.8082	5188.2717	---	---
11A	Ant1	5200	16.703	5191.7283	5208.4316	---	---
11A	Ant1	5240	16.583	5231.7682	5248.3516	---	---
11A	Ant1	5260	16.743	5251.7283	5268.4715	---	---
11A	Ant1	5280	16.743	5271.4486	5288.1918	---	---
11A	Ant1	5320	16.503	5311.8482	5328.3516	---	---
11A	Ant1	5500	18.342	5490.9291	5509.2707	---	---
11A	Ant1	5580	18.222	5571.1289	5589.3506	---	---
11A	Ant1	5700	17.303	5691.1688	5708.4715	---	---
11A	Ant1	5745	17.902	5735.8891	5753.7912	---	---
11A	Ant1	5785	17.383	5776.1688	5793.5514	---	---
11A	Ant1	5825	17.542	5815.9690	5833.5115	---	---
11N20SISO	Ant1	5180	19.141	5170.1698	5189.3107	---	---
11N20SISO	Ant1	5200	17.982	5191.1289	5209.1109	---	---
11N20SISO	Ant1	5240	19.181	5230.0500	5249.2308	---	---
11N20SISO	Ant1	5260	19.700	5250.3696	5270.0699	---	---
11N20SISO	Ant1	5280	18.262	5270.7692	5289.0310	---	---
11N20SISO	Ant1	5320	18.821	5310.2498	5329.0709	---	---
11N20SISO	Ant1	5500	19.021	5490.3696	5509.3906	---	---
11N20SISO	Ant1	5580	18.941	5570.7692	5589.7103	---	---
11N20SISO	Ant1	5700	18.062	5691.0889	5709.1508	---	---
11N20SISO	Ant1	5745	18.621	5735.7692	5754.3906	---	---
11N20SISO	Ant1	5785	18.661	5776.0490	5794.7103	---	---
11N20SISO	Ant1	5825	19.580	5815.0500	5834.6304	---	---
11N40SISO	Ant1	5190	36.444	5171.6983	5208.1419	---	---
11N40SISO	Ant1	5230	37.323	5210.9790	5248.3017	---	---
11N40SISO	Ant1	5270	36.843	5251.4585	5288.3017	---	---
11N40SISO	Ant1	5310	36.364	5291.8581	5328.2218	---	---
11N40SISO	Ant1	5510	36.523	5491.6983	5528.2218	---	---
11N40SISO	Ant1	5550	36.603	5531.6983	5568.3017	---	---
11N40SISO	Ant1	5670	36.683	5651.6983	5688.3816	---	---
11N40SISO	Ant1	5755	36.523	5736.6184	5773.1419	---	---
11N40SISO	Ant1	5795	36.444	5776.7782	5813.2218	---	---
11AC20SISO	Ant1	5180	17.942	5171.0889	5189.0310	---	---
11AC20SISO	Ant1	5200	17.822	5191.1289	5208.9510	---	---
11AC20SISO	Ant1	5240	18.501	5230.6094	5249.1109	---	---
11AC20SISO	Ant1	5260	20.100	5249.3307	5269.4306	---	---
11AC20SISO	Ant1	5280	18.741	5270.4496	5289.1908	---	---
11AC20SISO	Ant1	5320	18.022	5311.0090	5329.0310	---	---
11AC20SISO	Ant1	5500	18.222	5491.0090	5509.2308	---	---
11AC20SISO	Ant1	5580	18.861	5570.5694	5589.4306	---	---

11AC20SISO	Ant1	5700	18.701	5690.5295	5709.2308	---	---
11AC20SISO	Ant1	5745	18.422	5735.8891	5754.3107	---	---
11AC20SISO	Ant1	5785	18.462	5775.8891	5794.3506	---	---
11AC20SISO	Ant1	5825	18.501	5815.7692	5834.2707	---	---
11AC40SISO	Ant1	5190	36.444	5171.6983	5208.1419	---	---
11AC40SISO	Ant1	5230	36.364	5211.7782	5248.1419	---	---
11AC40SISO	Ant1	5270	36.364	5251.7782	5288.1419	---	---
11AC40SISO	Ant1	5310	36.923	5291.2987	5328.2218	---	---
11AC40SISO	Ant1	5510	36.763	5491.6184	5528.3816	---	---
11AC40SISO	Ant1	5550	36.763	5531.6184	5568.3816	---	---
11AC40SISO	Ant1	5670	36.763	5651.3786	5688.1419	---	---
11AC40SISO	Ant1	5755	36.923	5736.6184	5773.5415	---	---
11AC40SISO	Ant1	5795	37.243	5776.6983	5813.9411	---	---
11AX20SISO	Ant1	5180	19.101	5170.4895	5189.5904	---	---
11AX20SISO	Ant1	5200	19.141	5190.4496	5209.5904	---	---
11AX20SISO	Ant1	5240	19.061	5230.4895	5249.5504	---	---
11AX20SISO	Ant1	5260	19.261	5250.2498	5269.5105	---	---
11AX20SISO	Ant1	5280	19.021	5270.4895	5289.5105	---	---
11AX20SISO	Ant1	5320	19.141	5310.4096	5329.5504	---	---
11AX20SISO	Ant1	5500	19.181	5490.4496	5509.6304	---	---
11AX20SISO	Ant1	5580	19.141	5570.4496	5589.5904	---	---
11AX20SISO	Ant1	5700	19.940	5689.8102	5709.7502	---	---
11AX20SISO	Ant1	5745	19.101	5735.4096	5754.5105	---	---
11AX20SISO	Ant1	5785	19.181	5775.4096	5794.5904	---	---
11AX20SISO	Ant1	5825	19.301	5815.5295	5834.8302	---	---
11AX40SISO	Ant1	5190	38.282	5170.7393	5209.0210	---	---
11AX40SISO	Ant1	5230	37.642	5211.3786	5249.0210	---	---
11AX40SISO	Ant1	5270	38.442	5250.5794	5289.0210	---	---
11AX40SISO	Ant1	5310	37.882	5290.8991	5328.7812	---	---
11AX40SISO	Ant1	5510	37.962	5491.0589	5529.0210	---	---
11AX40SISO	Ant1	5550	38.282	5530.8991	5569.1808	---	---
11AX40SISO	Ant1	5670	38.042	5650.9790	5689.0210	---	---
11AX40SISO	Ant1	5755	38.601	5735.4995	5774.1009	---	---
11AX40SISO	Ant1	5795	38.362	5775.8192	5814.1808	---	---

Note: RF Conducted test Offset= cable loss+ Attenuator(10dB).