

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

General Description of EUT	
EUT Name:	Wireless Network Video Recorder
Model:	K8210-W6-CE-1
Sample ID:	HC-C-202407-0153-01-02#
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	55%
Test Power Supply:	DC 3.8V
Test Engineer:	ZKn Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202407-0153-21	

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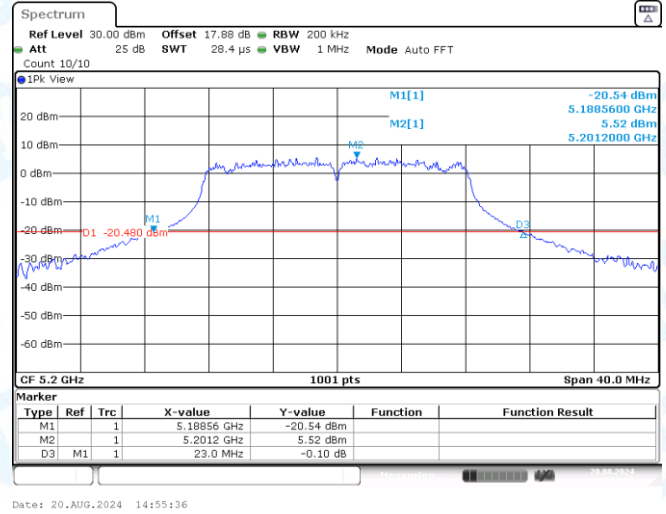
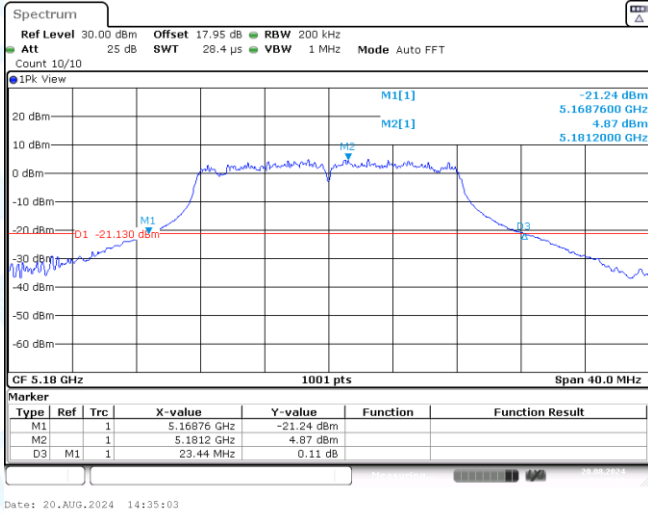
1: Emission Bandwidth

1.1 Test Result

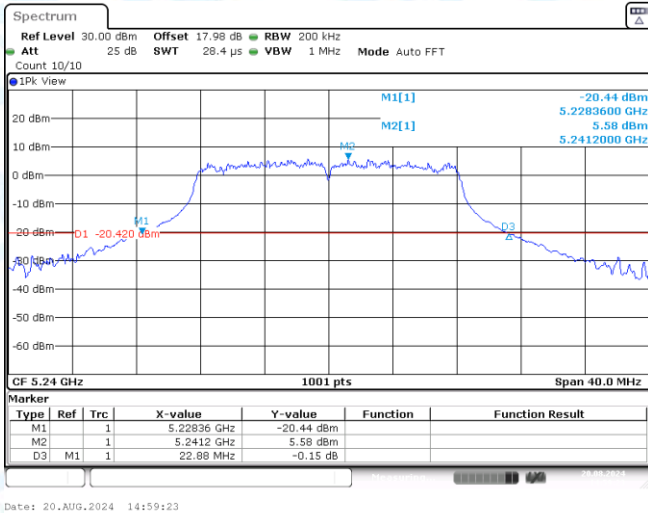
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	23.44	5168.76	5192.20	---	---
11A	Ant3	5200	23.00	5188.56	5211.56	---	---
11A	Ant3	5240	22.88	5228.36	5251.24	---	---
11A	Ant3	5260	23.56	5248.12	5271.68	---	---
11A	Ant3	5280	24.12	5267.36	5291.48	---	---
11A	Ant3	5320	23.28	5307.76	5331.04	---	---
11A	Ant3	5500	23.24	5488.08	5511.32	---	---
11A	Ant3	5580	23.32	5568.36	5591.68	---	---
11A	Ant3	5700	25.40	5686.96	5712.36	---	---
11A	Ant3	5745	23.84	5732.72	5756.56	---	---
11A	Ant3	5785	23.28	5773.16	5796.44	---	---
11A	Ant3	5825	23.80	5812.64	5836.44	---	---
11N20SISO	Ant3	5180	25.52	5167.84	5193.36	---	---
11N20SISO	Ant3	5200	25.20	5187.12	5212.32	---	---
11N20SISO	Ant3	5240	25.56	5228.04	5253.60	---	---
11N20SISO	Ant3	5260	24.96	5247.04	5272.00	---	---
11N20SISO	Ant3	5280	24.40	5267.36	5291.76	---	---
11N20SISO	Ant3	5320	23.80	5307.88	5331.68	---	---
11N20SISO	Ant3	5500	25.08	5487.64	5512.72	---	---
11N20SISO	Ant3	5580	24.92	5567.44	5592.36	---	---
11N20SISO	Ant3	5700	25.36	5687.00	5712.36	---	---
11N20SISO	Ant3	5745	25.64	5732.40	5758.04	---	---
11N20SISO	Ant3	5785	25.04	5771.96	5797.00	---	---
11N20SISO	Ant3	5825	24.20	5812.72	5836.92	---	---
11N40SISO	Ant3	5190	45.60	5167.12	5212.72	---	---
11N40SISO	Ant3	5230	45.92	5206.96	5252.88	---	---
11N40SISO	Ant3	5270	44.56	5247.68	5292.24	---	---
11N40SISO	Ant3	5310	45.44	5287.36	5332.80	---	---
11N40SISO	Ant3	5510	46.32	5487.28	5533.60	---	---
11N40SISO	Ant3	5550	45.68	5526.80	5572.48	---	---
11N40SISO	Ant3	5670	46.00	5646.80	5692.80	---	---
11N40SISO	Ant3	5755	46.08	5731.64	5777.72	---	---
11N40SISO	Ant3	5795	45.20	5772.04	5817.24	---	---
11AC20SISO	Ant3	5180	25.16	5167.68	5192.84	---	---
11AC20SISO	Ant3	5200	24.36	5188.36	5212.72	---	---
11AC20SISO	Ant3	5240	24.88	5227.00	5251.88	---	---
11AC20SISO	Ant3	5260	24.16	5247.76	5271.92	---	---
11AC20SISO	Ant3	5280	25.32	5267.04	5292.36	---	---
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11AC20SISO	Ant3	5500	25.20	5486.96	5512.16	---	---
11AC20SISO	Ant3	5580	24.96	5567.16	5592.12	---	---

11AC20SISO	Ant3	5700	25.12	5687.40	5712.52	---	---
11AC20SISO	Ant3	5745	25.04	5732.52	5757.56	---	---
11AC20SISO	Ant3	5785	24.96	5772.40	5797.36	---	---
11AC20SISO	Ant3	5825	27.24	5811.04	5838.28	---	---
11AC40SISO	Ant3	5190	46.16	5167.28	5213.44	---	---
11AC40SISO	Ant3	5230	45.36	5207.68	5253.04	---	---
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11AC40SISO	Ant3	5510	46.64	5486.88	5533.52	---	---
11AC40SISO	Ant3	5550	45.92	5526.48	5572.40	---	---
11AC40SISO	Ant3	5670	45.84	5647.12	5692.96	---	---
11AC40SISO	Ant3	5755	46.48	5731.24	5777.72	---	---
11AC40SISO	Ant3	5795	45.12	5772.20	5817.32	---	---
11AX20SISO	Ant3	5180	23.52	5168.12	5191.64	---	---
11AX20SISO	Ant3	5200	23.32	5188.56	5211.88	---	---
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11AX20SISO	Ant3	5320	24.20	5307.64	5331.84	---	---
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11AX20SISO	Ant3	5580	24.28	5567.96	5592.24	---	---
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11AX20SISO	Ant3	5745	25.32	5732.56	5757.88	---	---
11AX20SISO	Ant3	5785	23.68	5773.12	5796.80	---	---
11AX20SISO	Ant3	5825	24.80	5812.24	5837.04	---	---
11AX40SISO	Ant3	5190	42.64	5169.28	5211.92	---	---
11AX40SISO	Ant3	5230	43.92	5207.84	5251.76	---	---
11AX40SISO	Ant3	5270	43.28	5247.92	5291.20	---	---
11AX40SISO	Ant3	5310	43.44	5288.48	5331.92	---	---
11AX40SISO	Ant3	5510	44.40	5487.60	5532.00	---	---
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11AX40SISO	Ant3	5670	45.52	5647.68	5693.20	---	---
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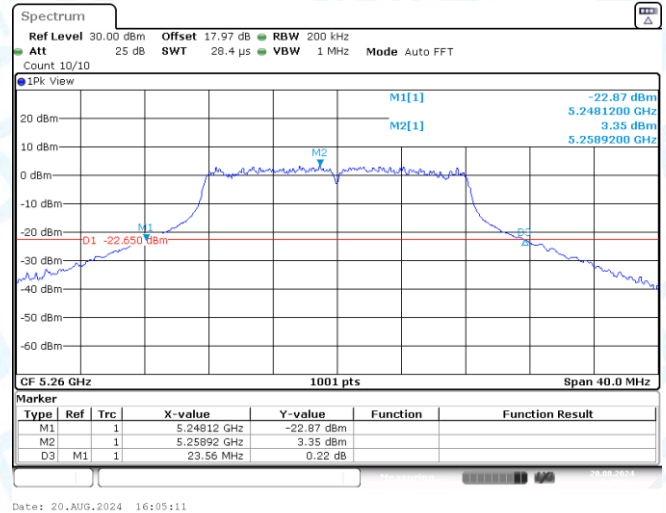
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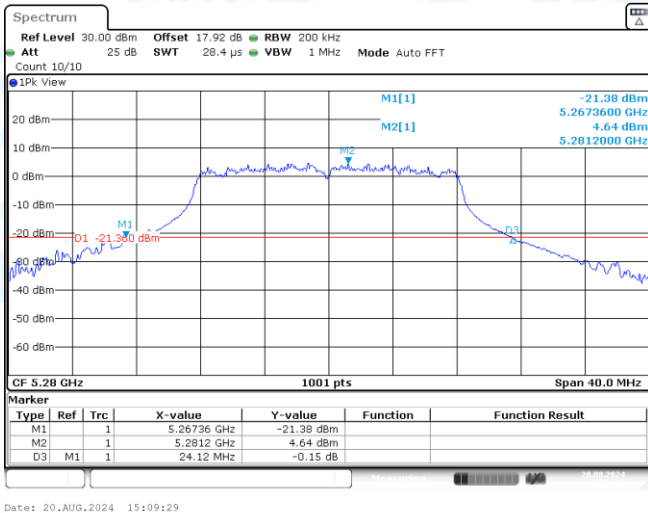
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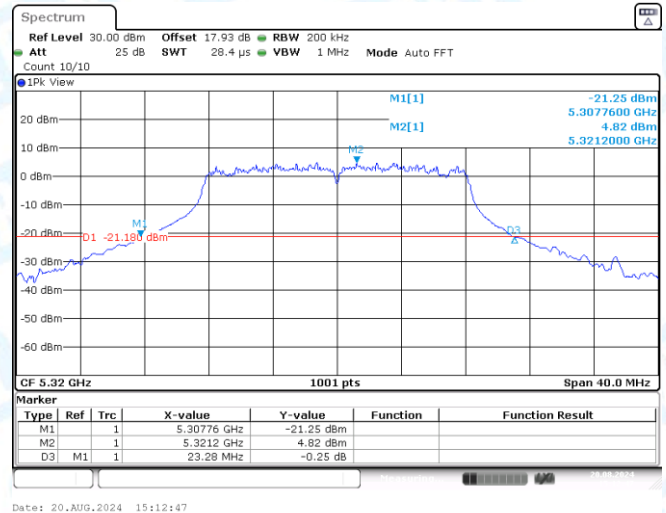
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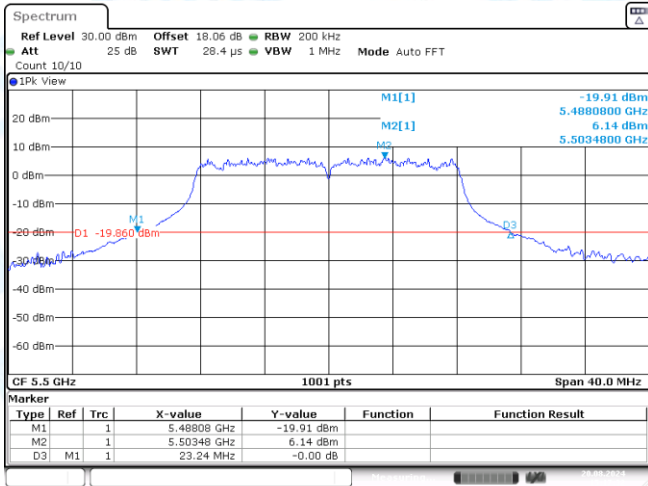


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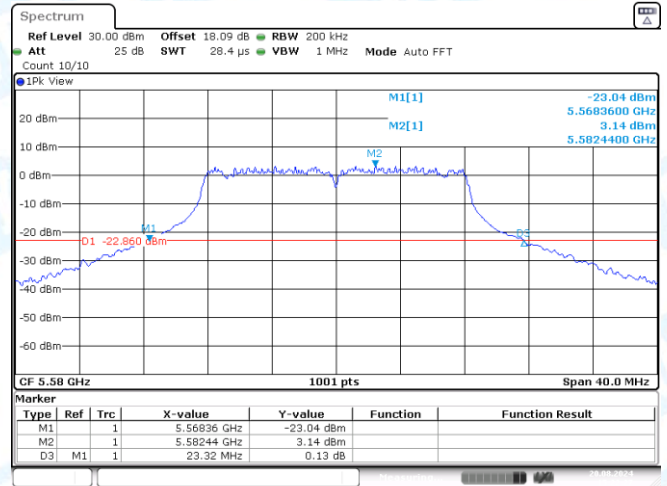


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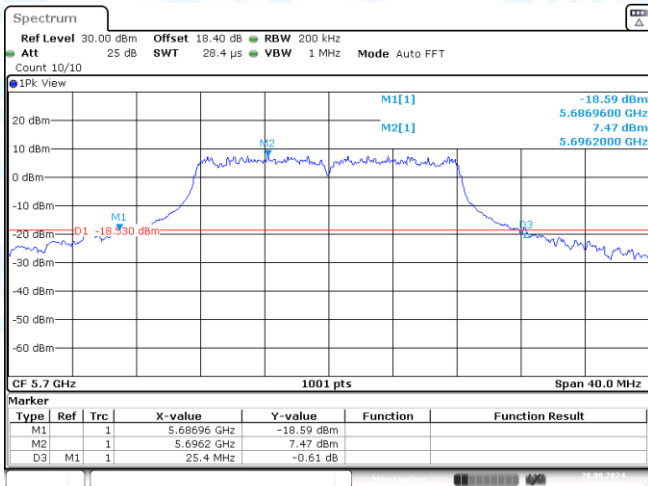
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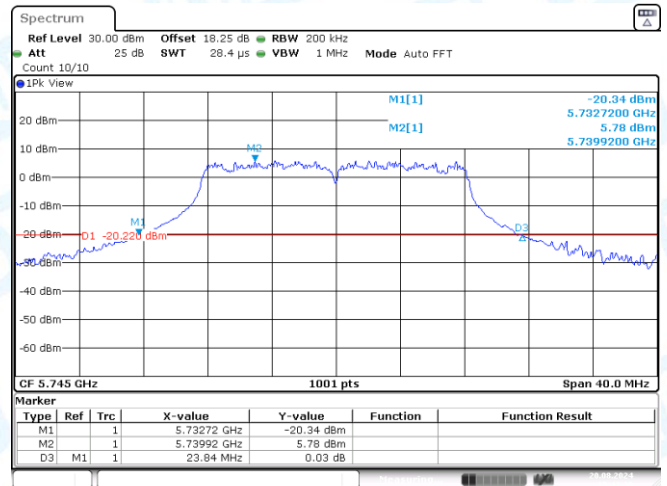
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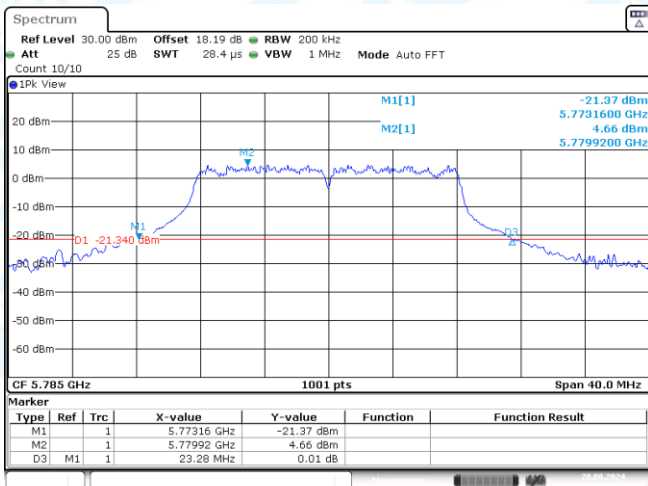
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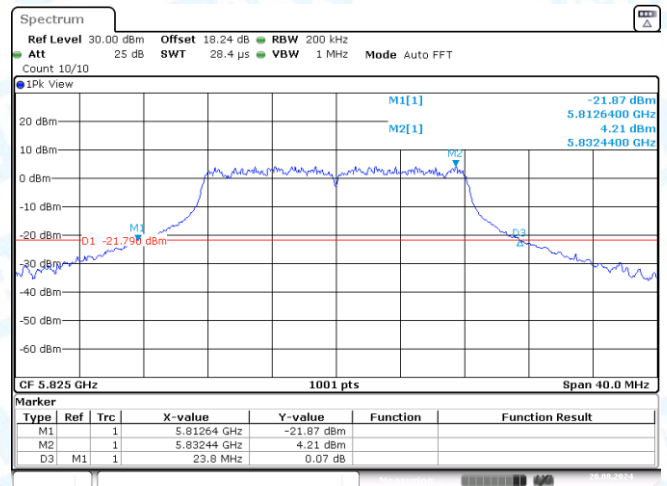
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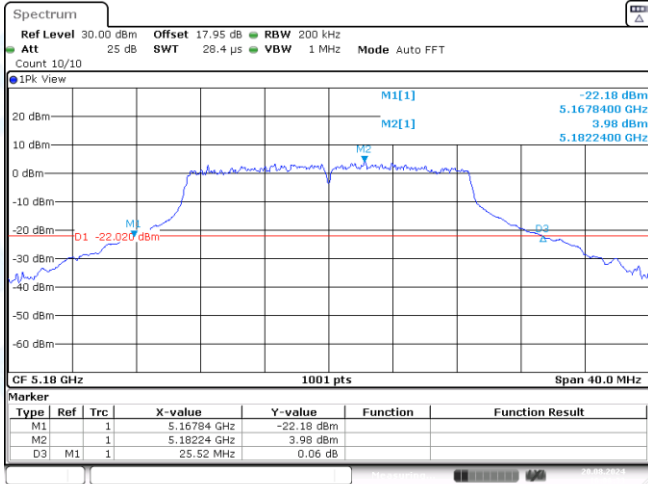
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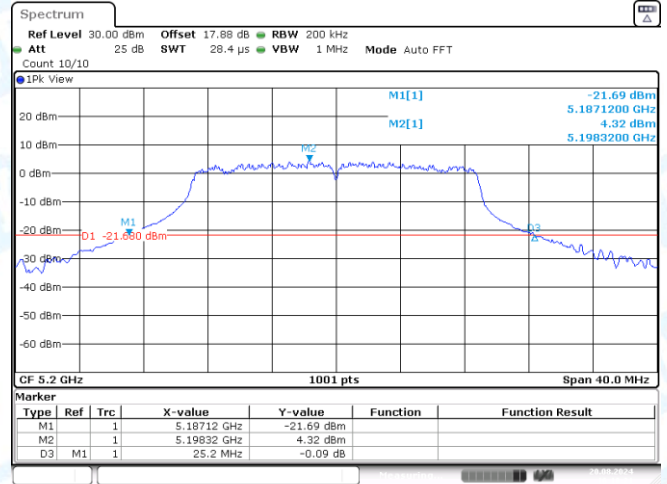
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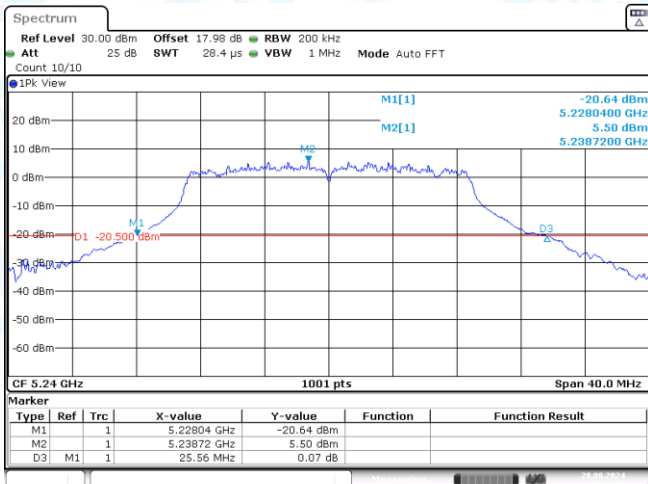
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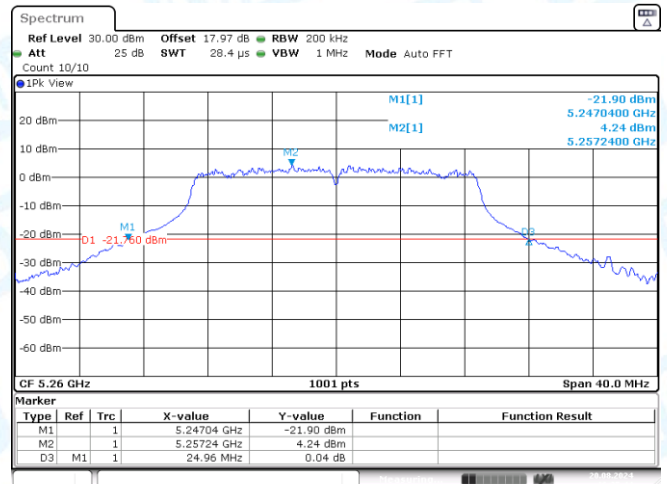
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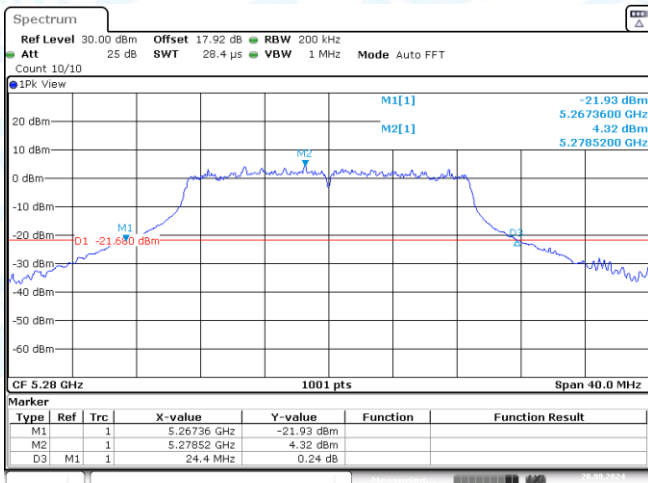
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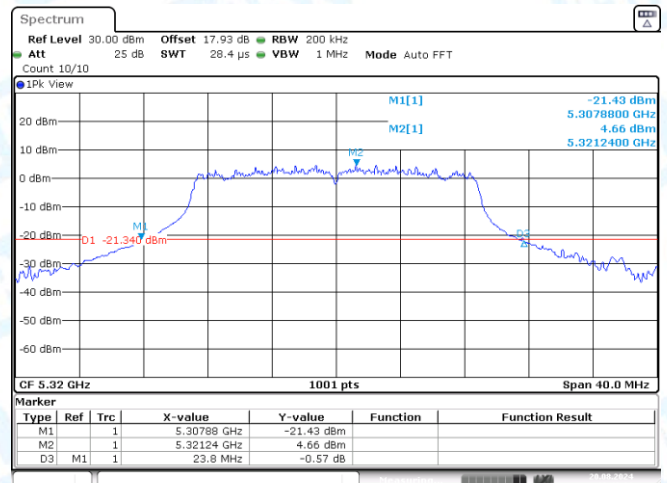
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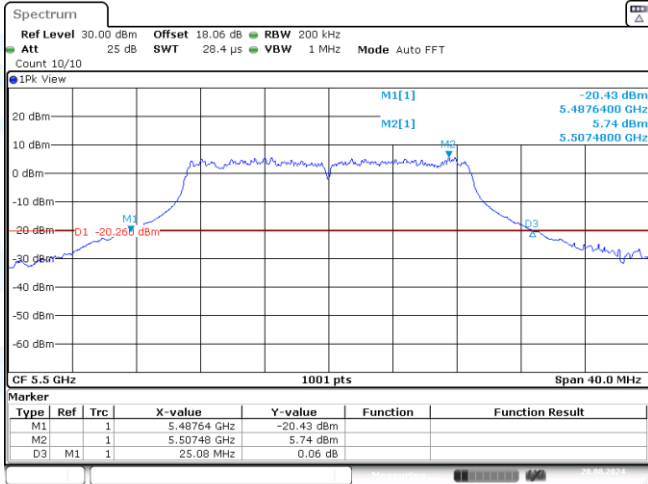
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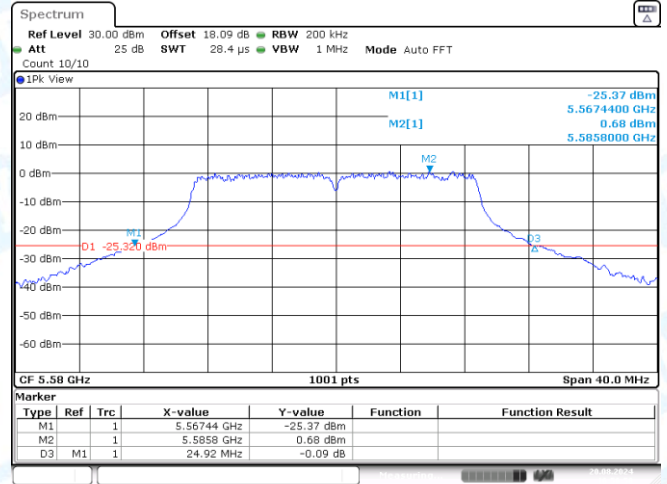
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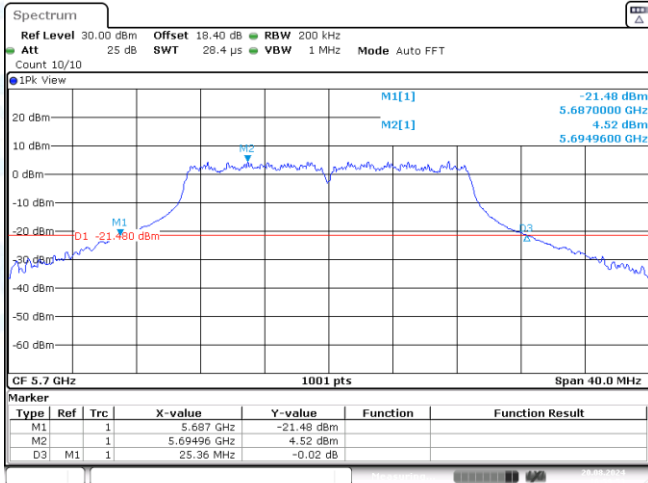
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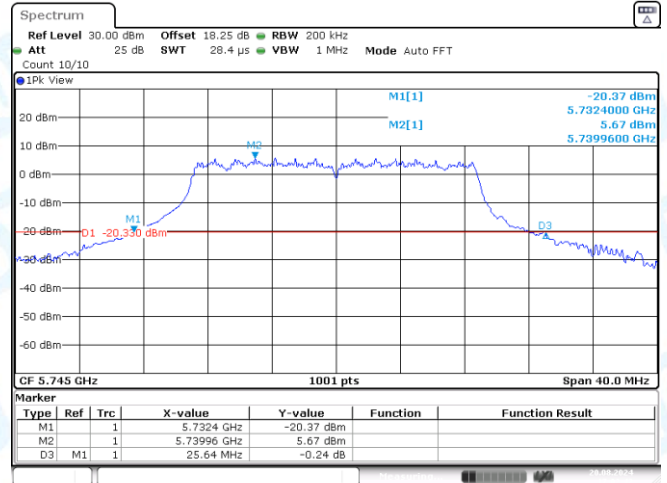
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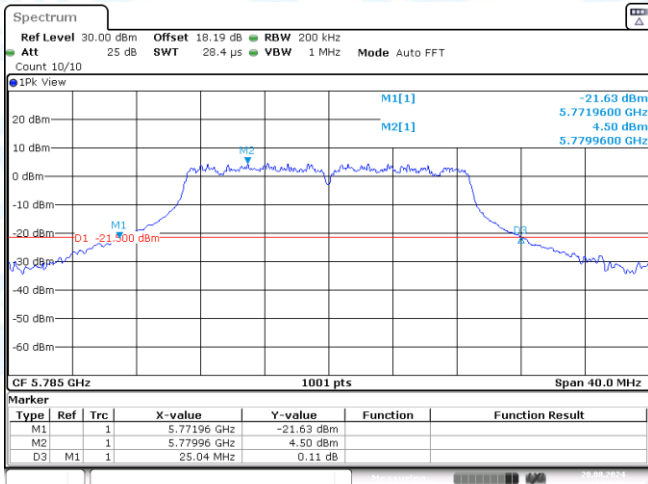
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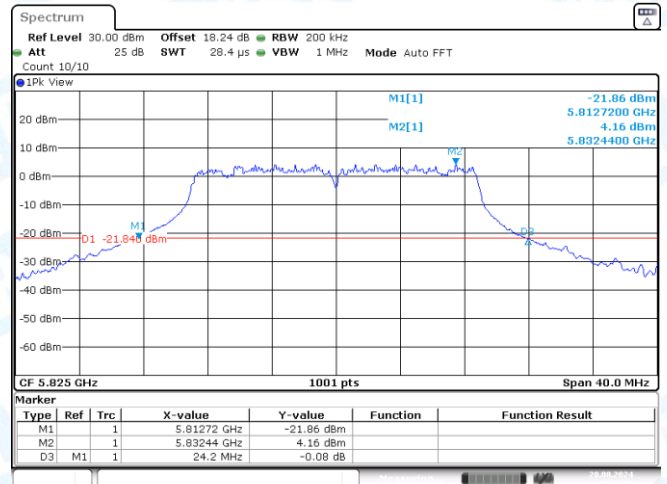
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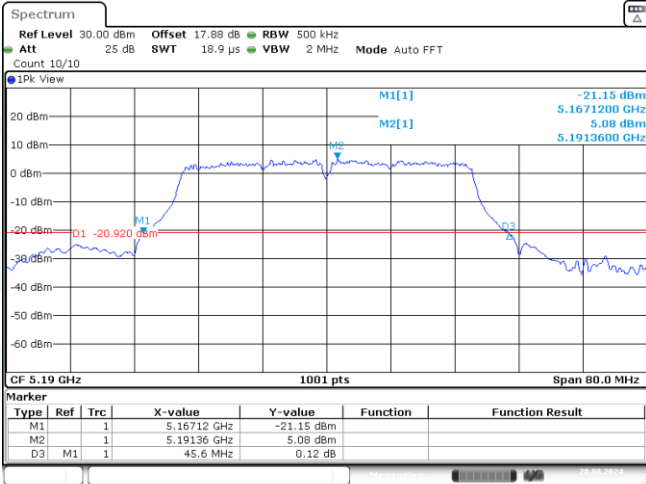
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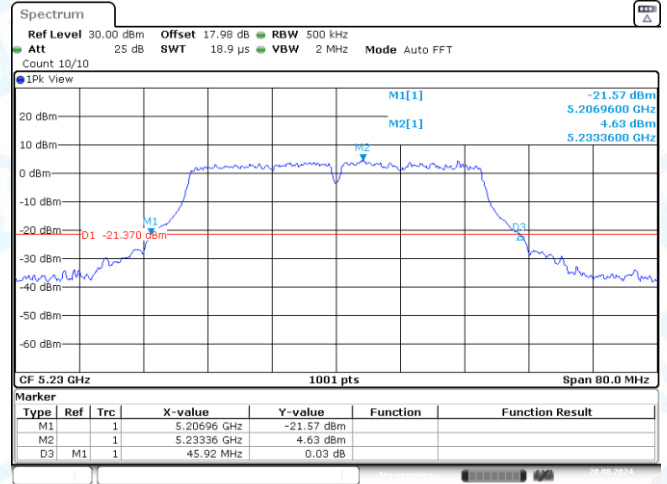
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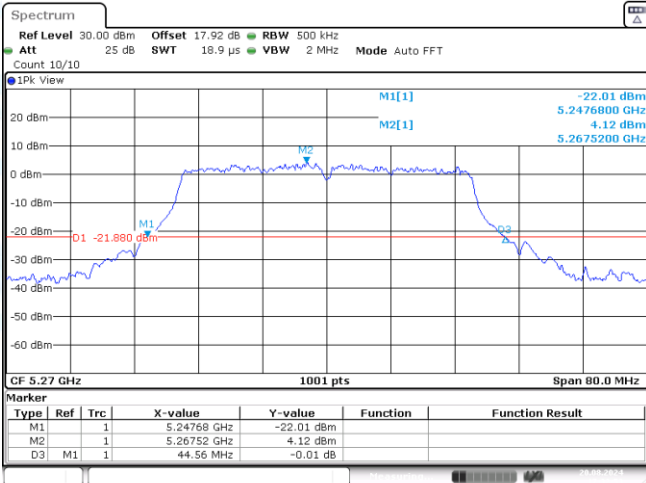
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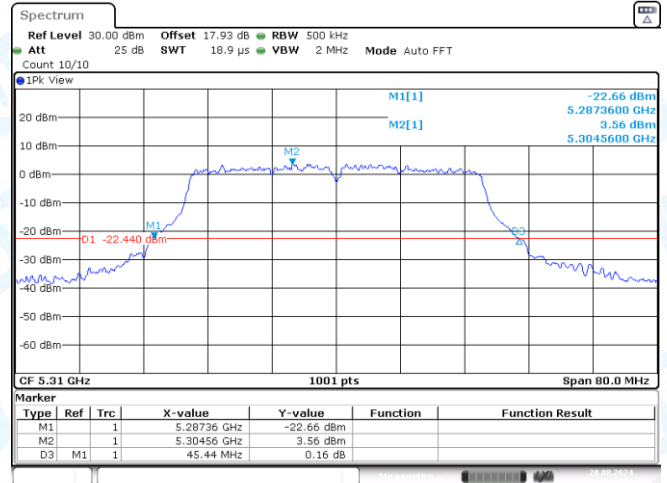
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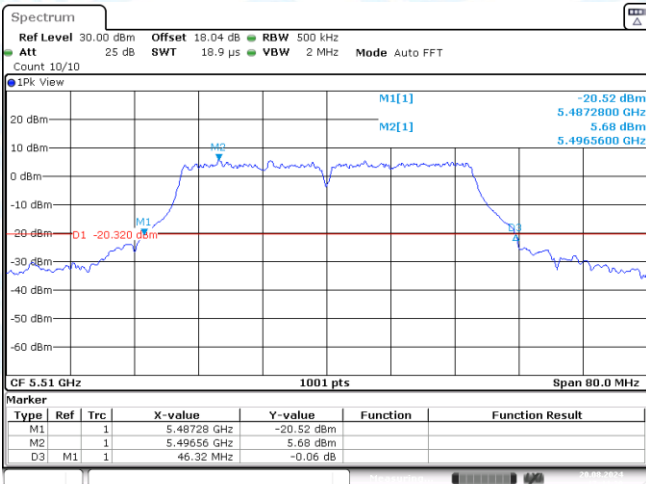
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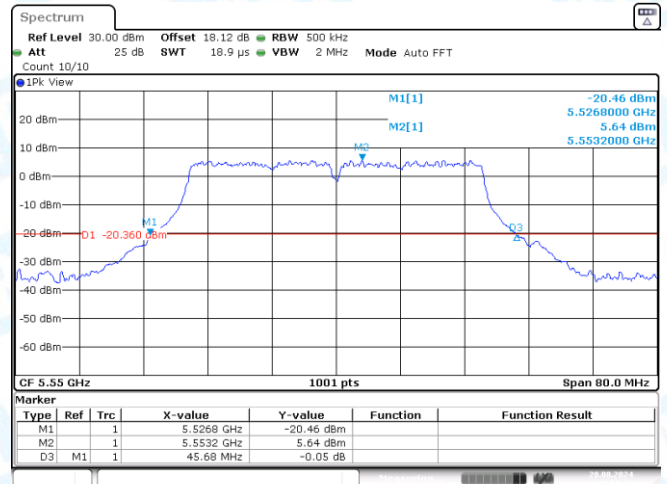
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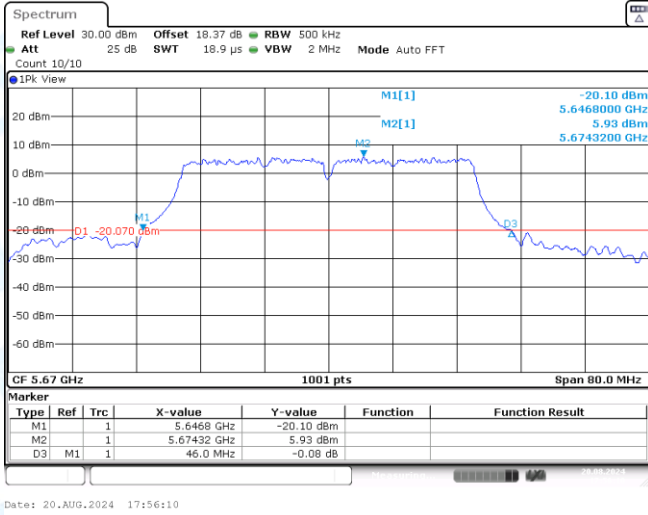
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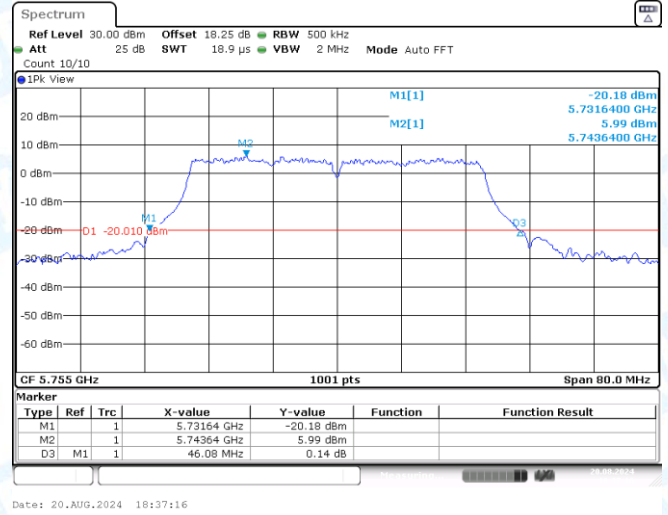
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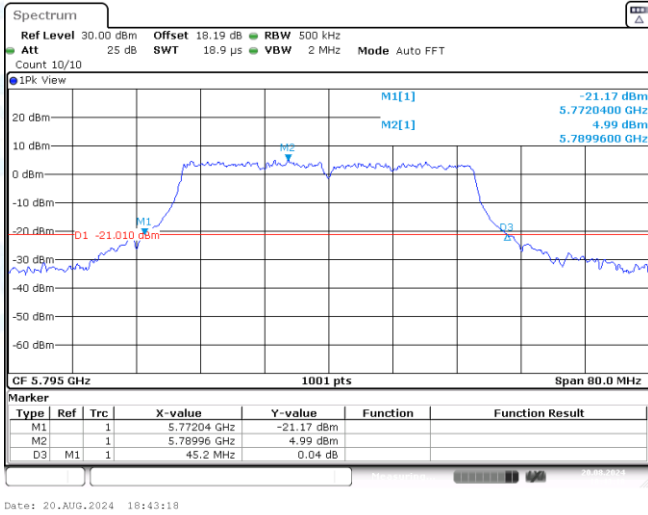
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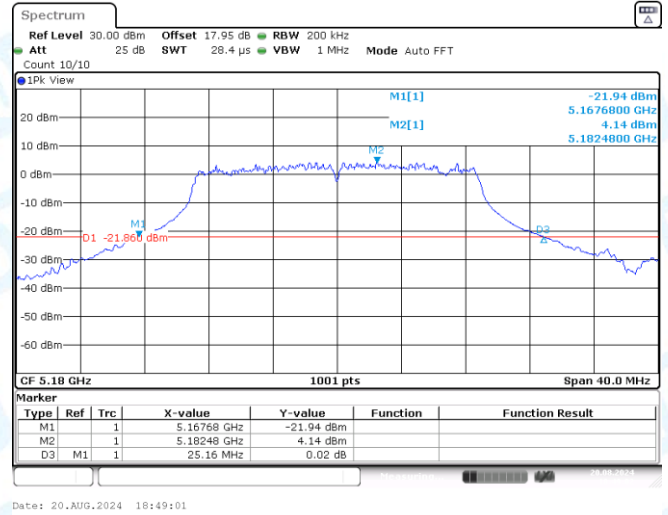
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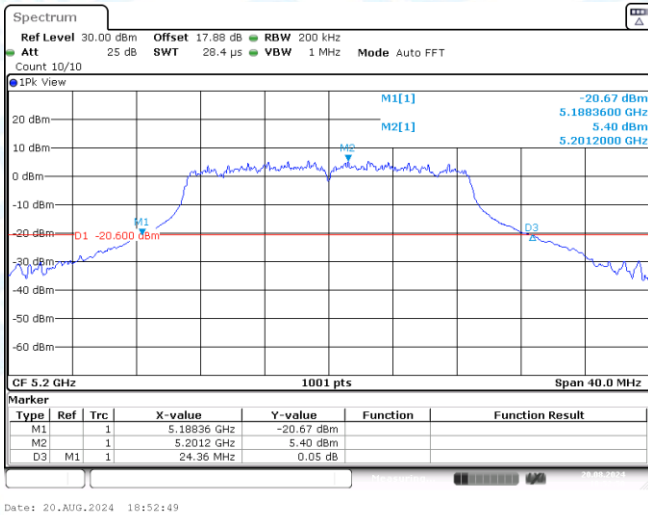
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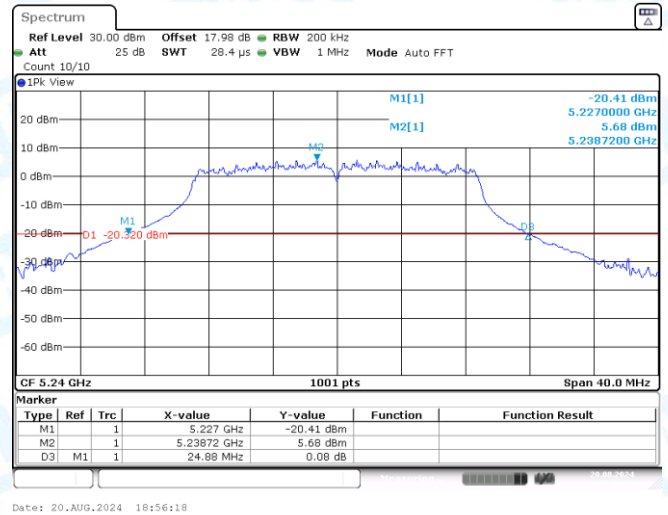
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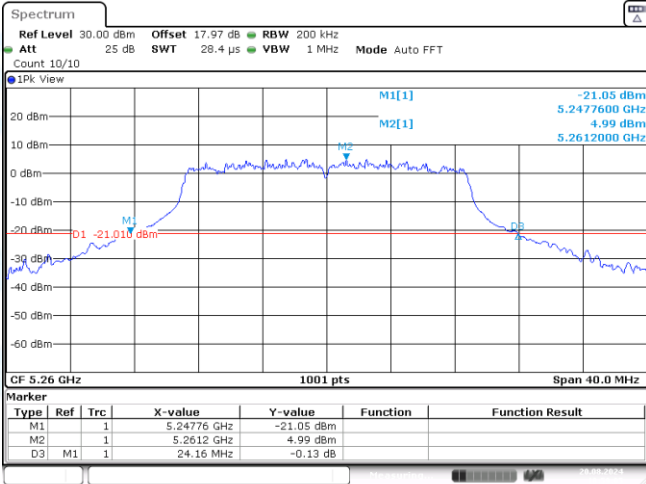
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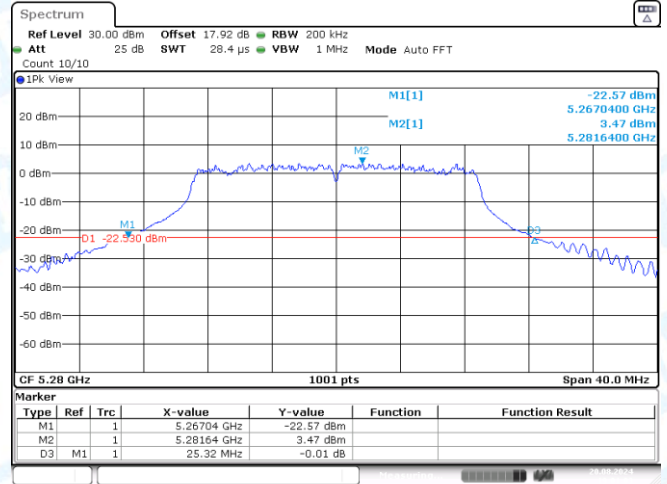
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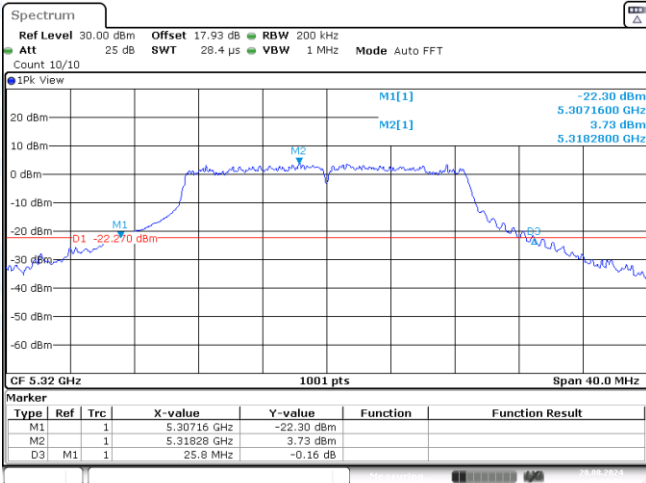
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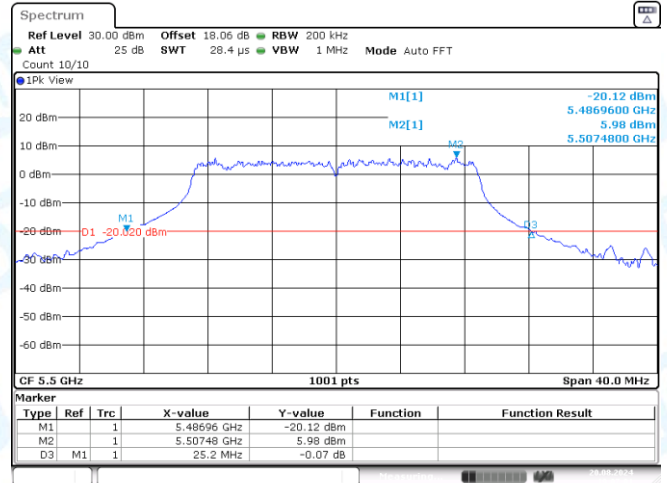
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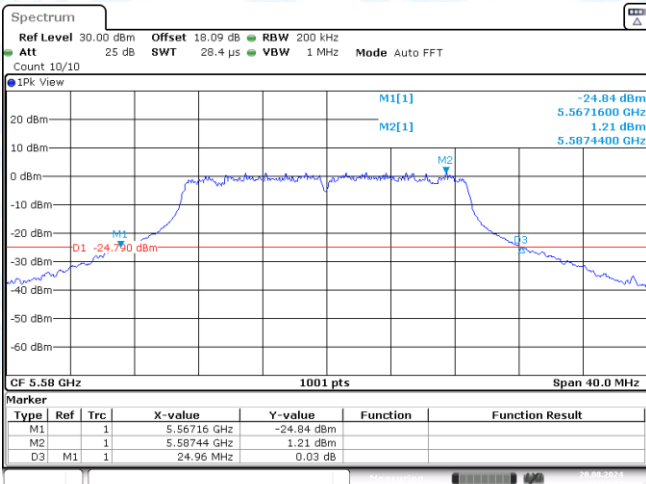
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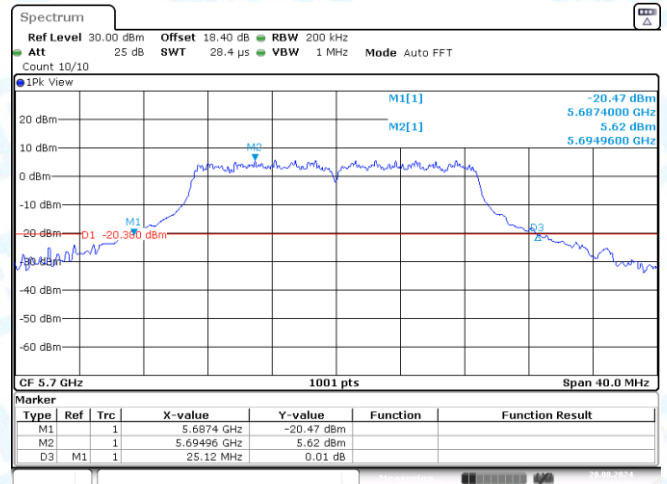
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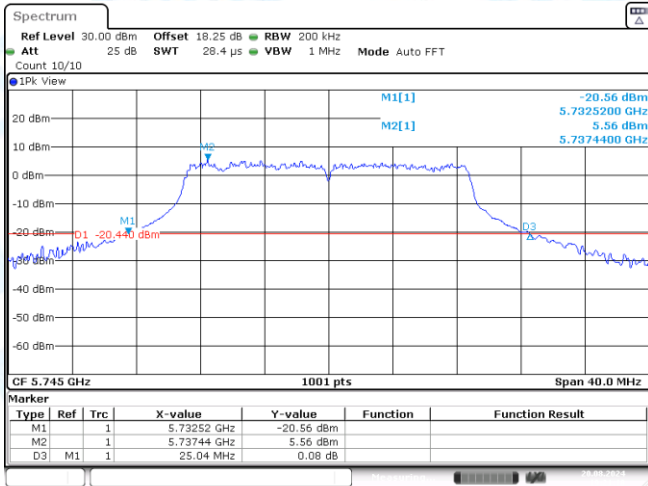
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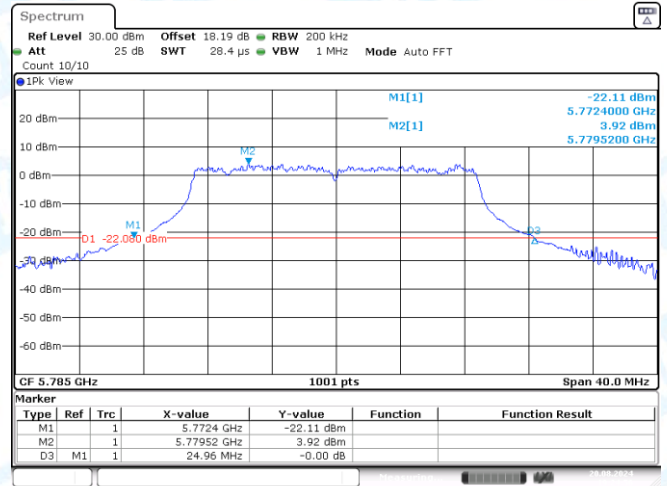
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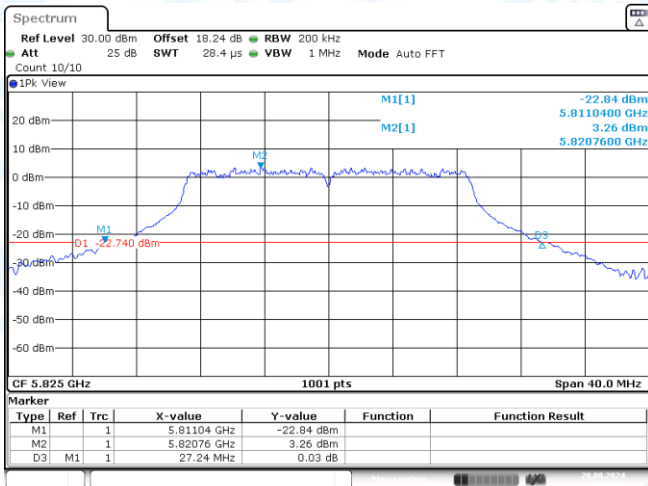
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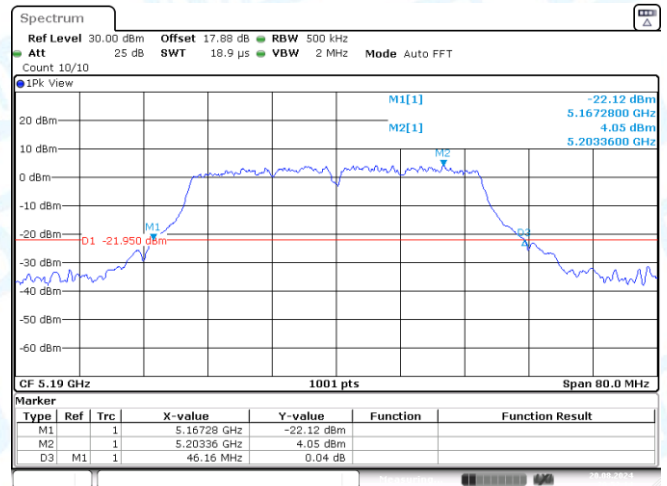
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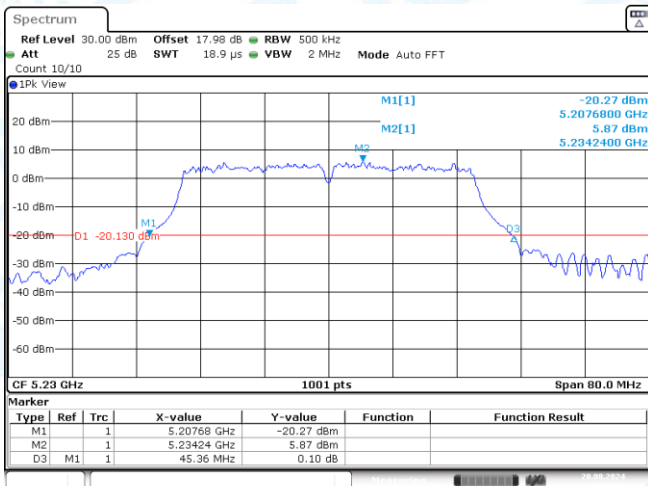
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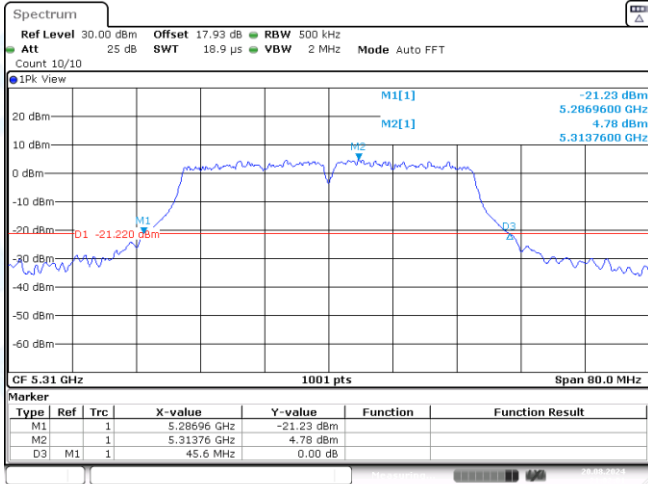
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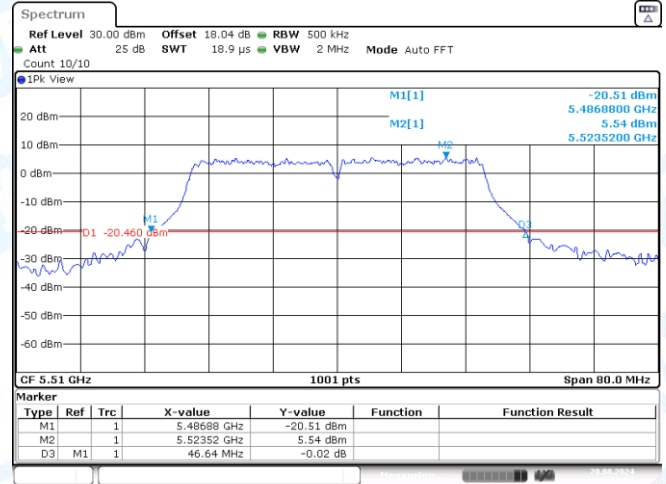
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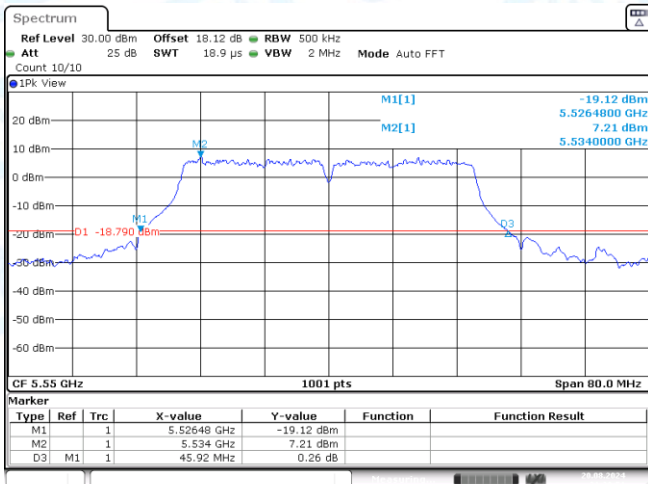
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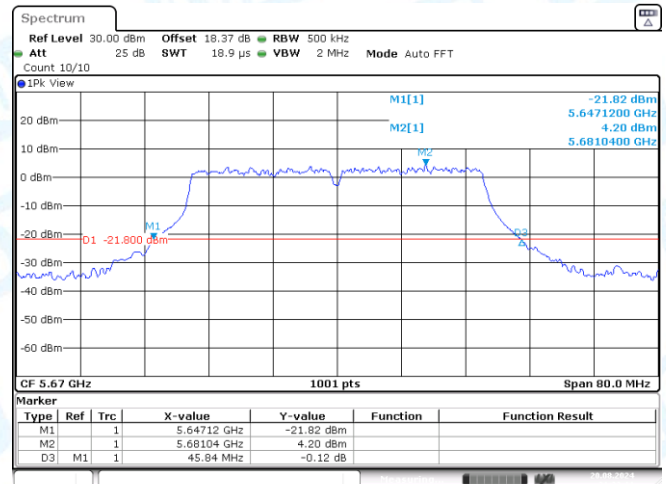
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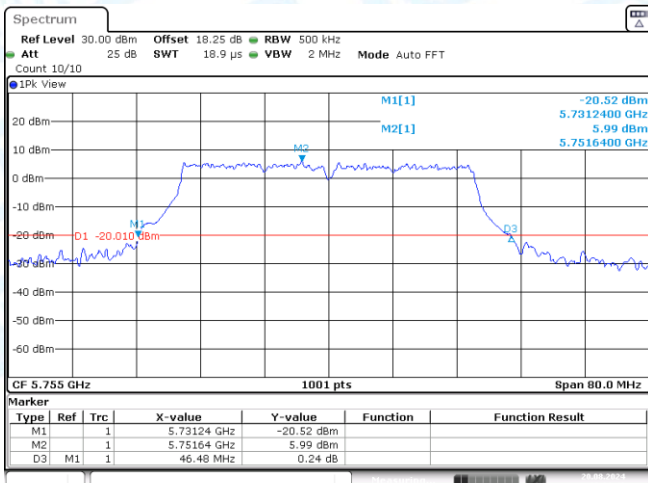
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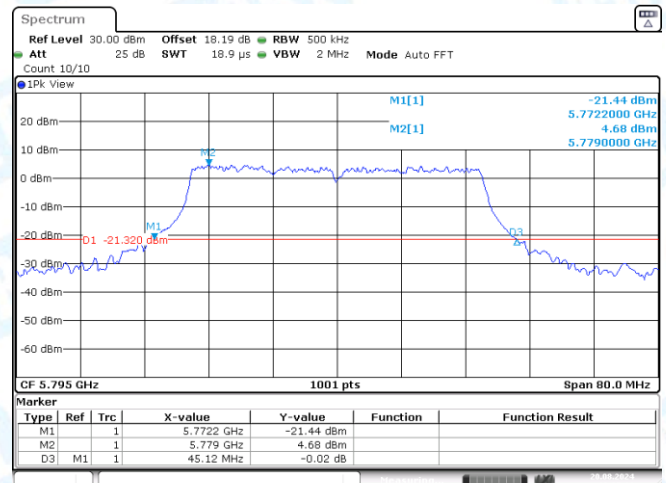
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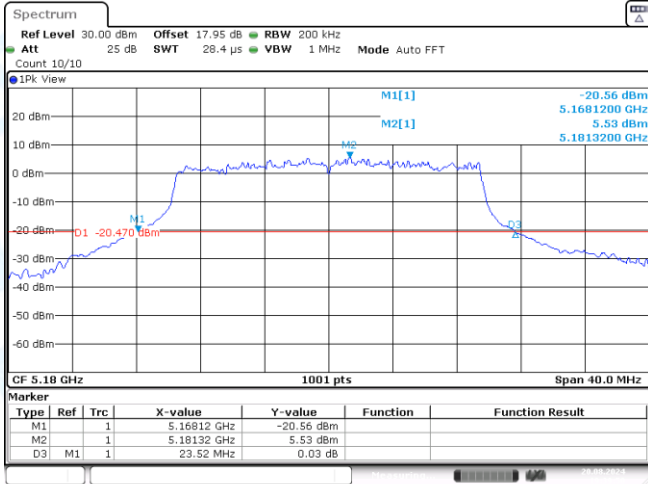
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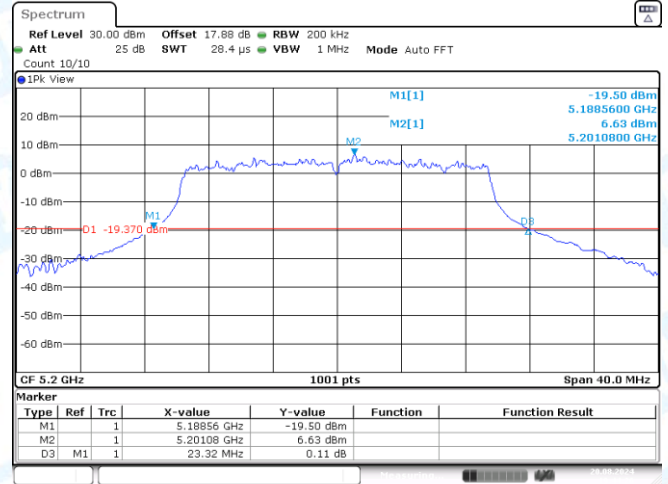
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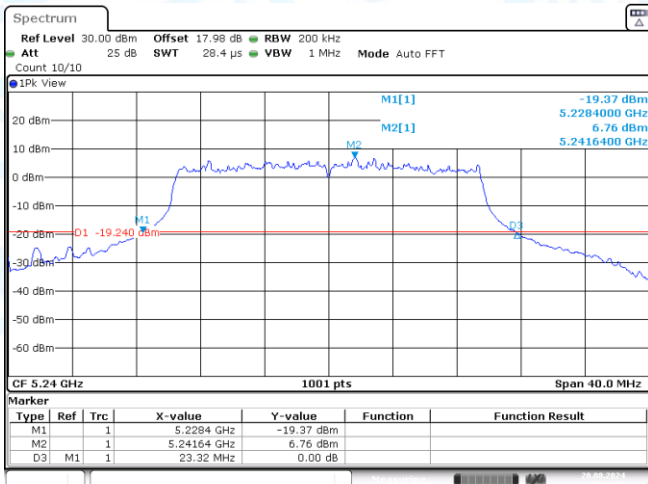
11AC40SISO-Ant3-5795



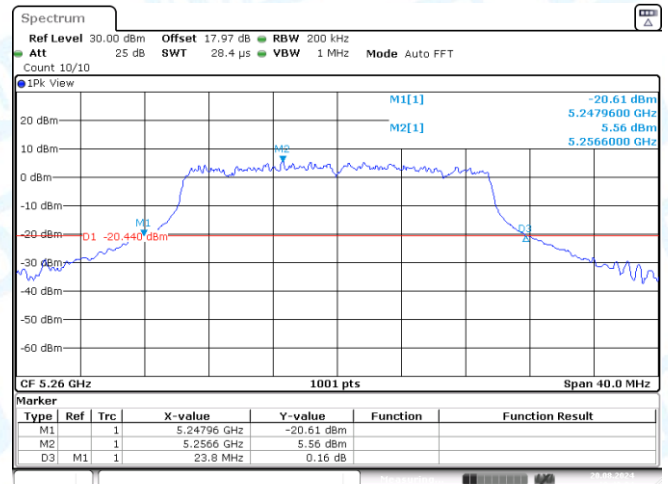
11AX20SISO-Ant3-5180



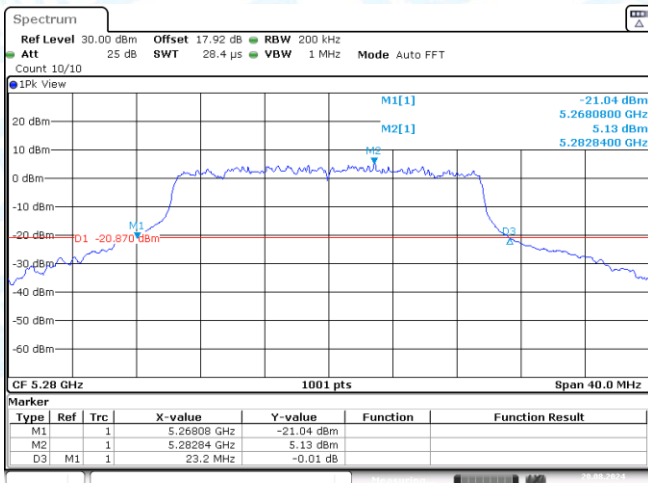
11AX20SISO-Ant3-5200



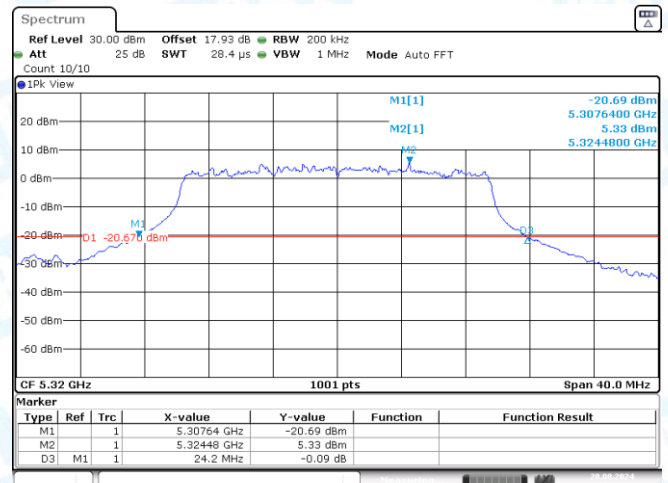
11AX20SISO-Ant3-5240



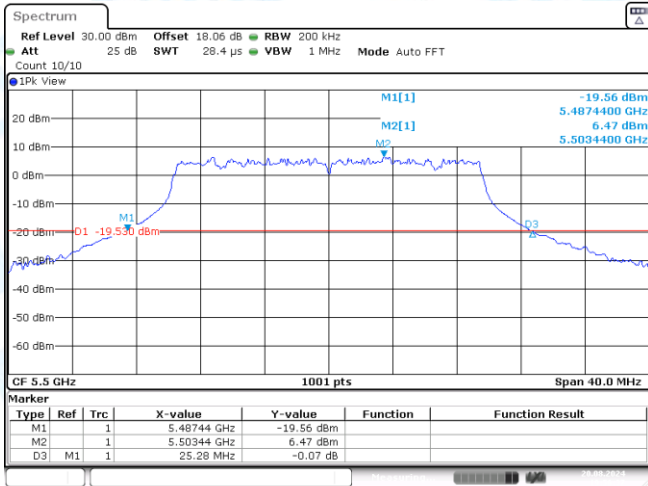
11AX20SISO-Ant3-5260



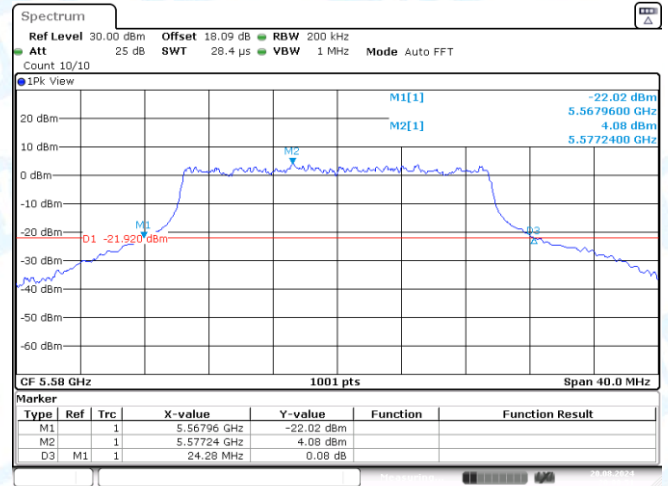
11AX20SISO-Ant3-5280



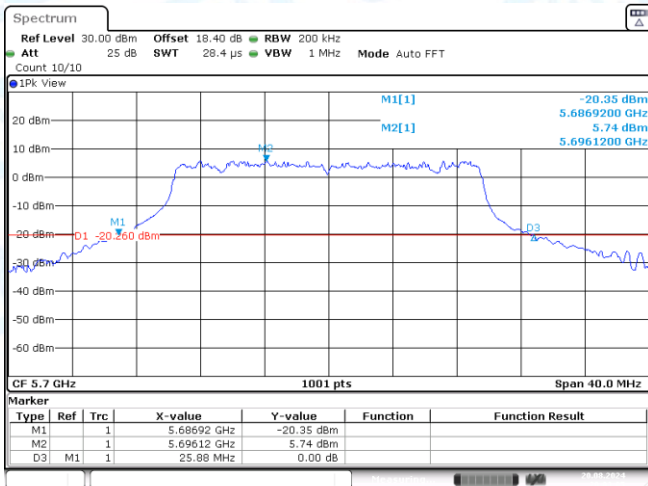
11AX20SISO-Ant3-5320



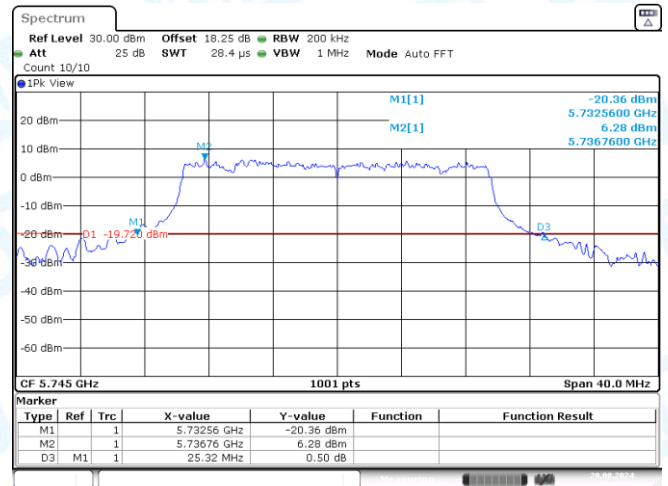
11AX20SISO-Ant3-5500



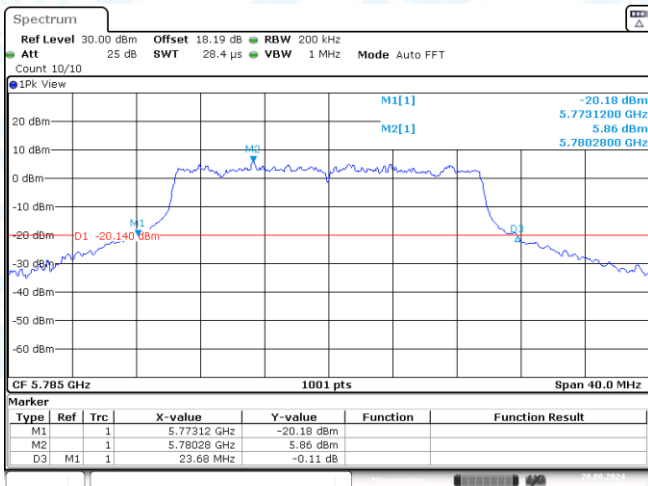
11AX20SISO-Ant3-5580



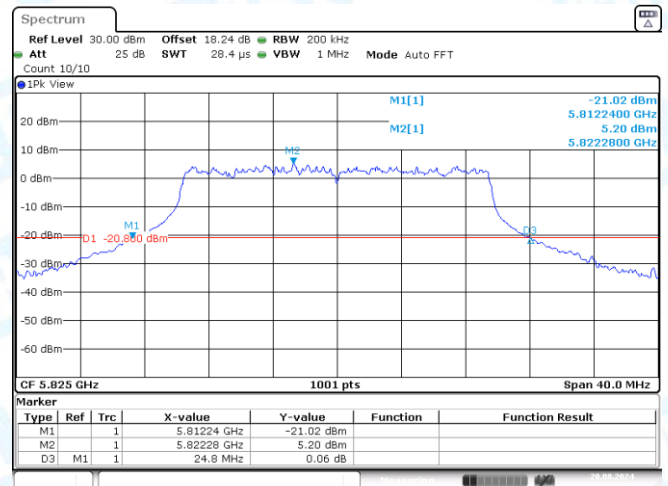
11AX20SISO-Ant3-5700



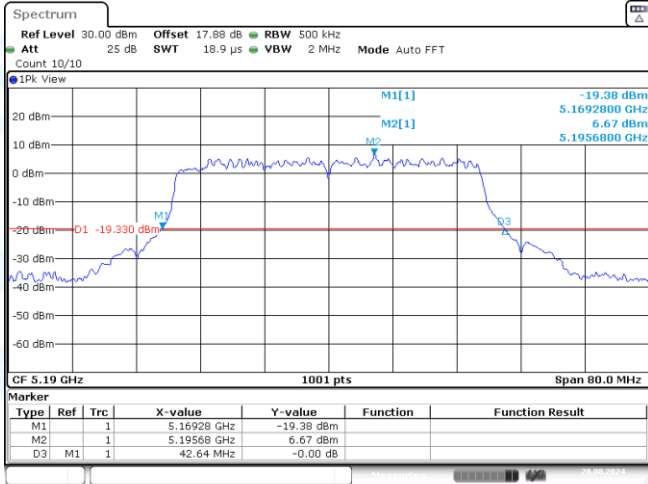
11AX20SISO-Ant3-5745



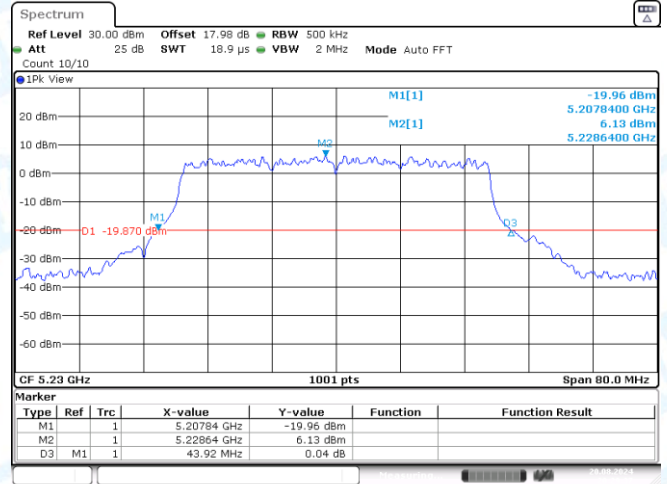
11AX20SISO-Ant3-5785



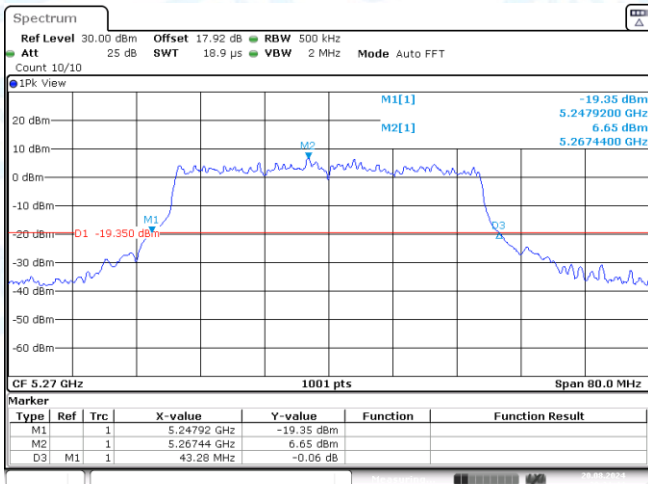
11AX20SISO-Ant3-5825



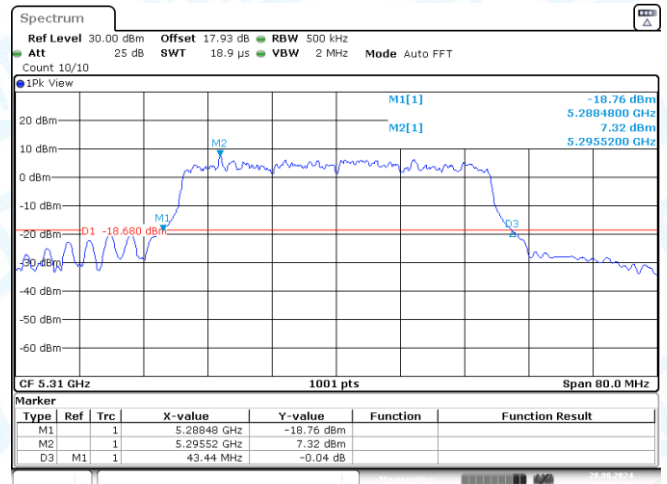
11AX40SISO-Ant3-5190



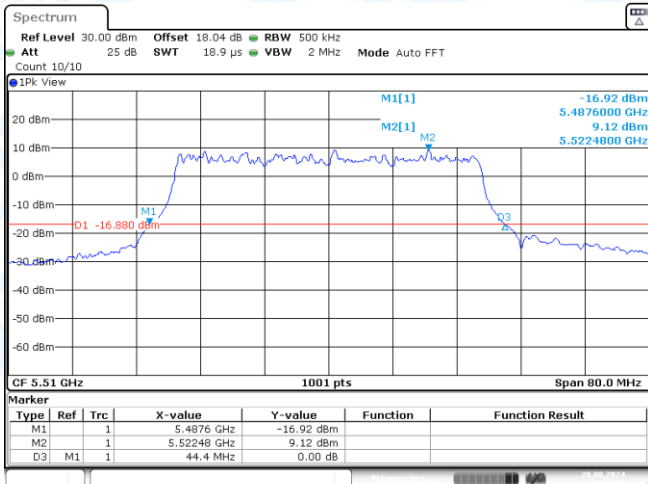
11AX40SISO-Ant3-5230



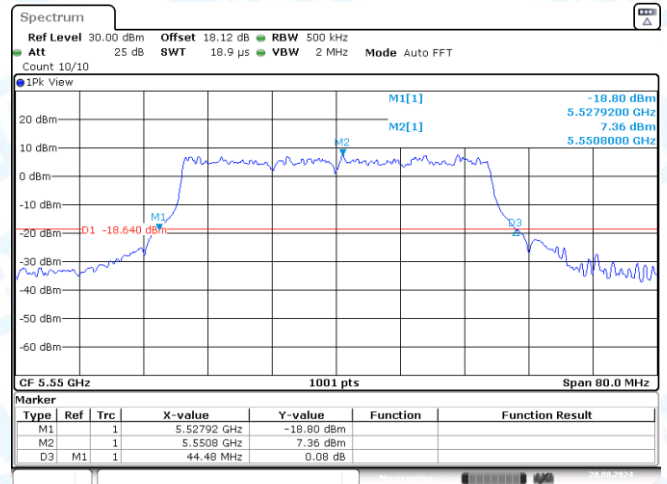
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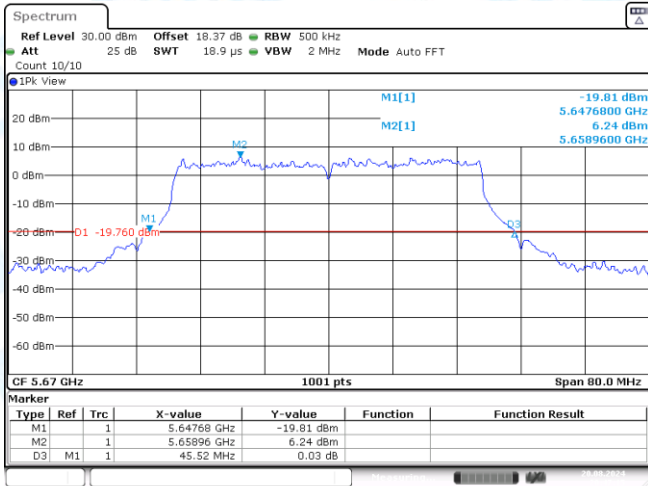
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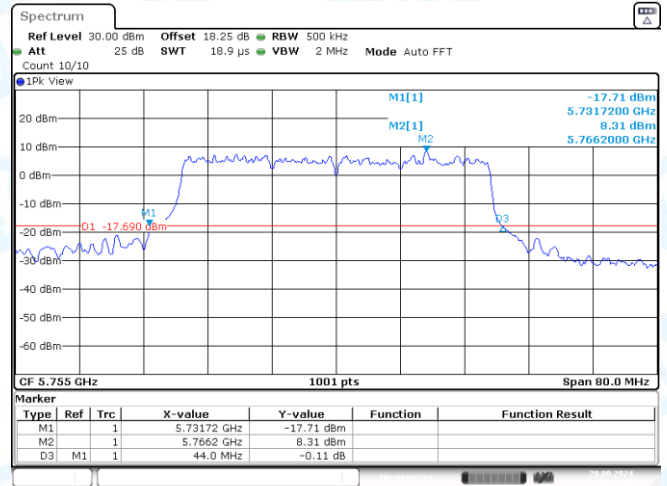
11AX40SISO-Ant3-5510



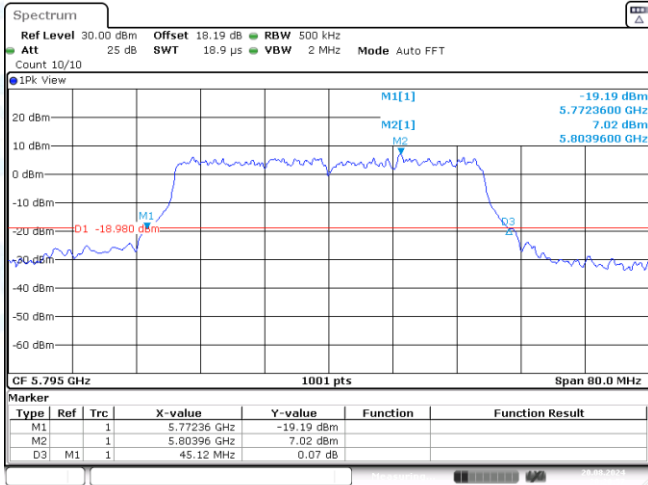
11AX40SISO-Ant3-5550



11AX40SISO-Ant3-5670



11AX40SISO-Ant3-5755



11AX40SISO-Ant3-5795

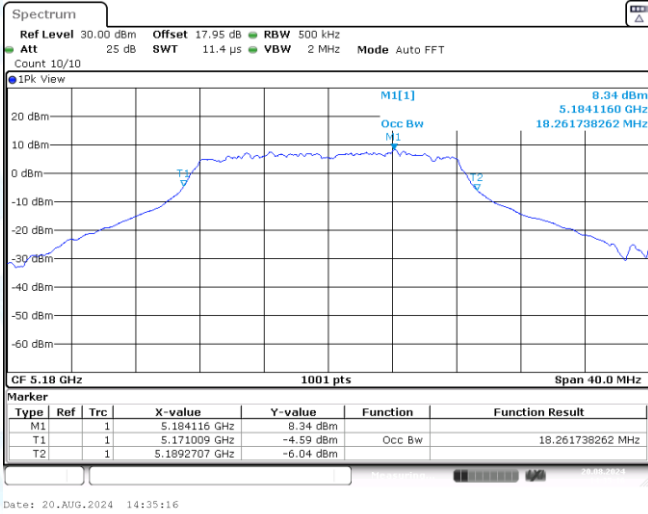
2: Occupied channel bandwidth

2.1 Test Result

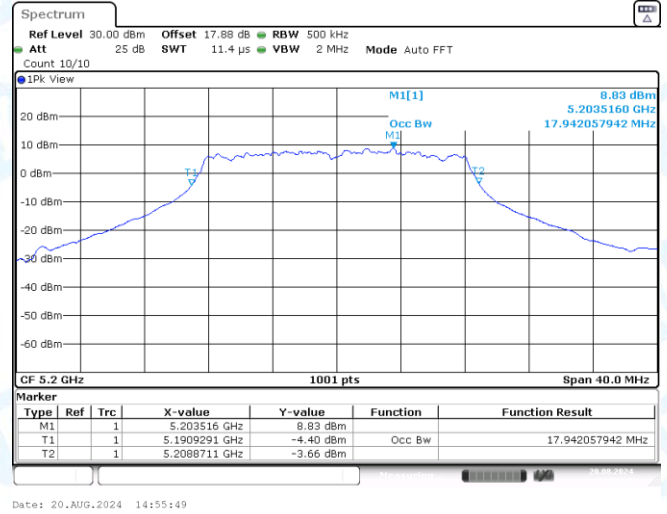
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant3	5180	18.262	5171.0090	5189.2707	---	---
11A	Ant3	5200	17.942	5190.9291	5208.8711	---	---
11A	Ant3	5240	17.582	5231.2887	5248.8711	---	---
11A	Ant3	5280	18.462	5270.6893	5289.1508	---	---
11A	Ant3	5320	17.343	5311.3287	5328.6713	---	---
11A	Ant3	5500	17.702	5491.2887	5508.9910	---	---
11A	Ant3	5580	17.902	5570.8492	5588.7512	---	---
11A	Ant3	5700	17.702	5690.9291	5708.6314	---	---
11A	Ant3	5745	17.542	5736.1289	5753.6713	---	---
11A	Ant3	5785	18.222	5775.8092	5794.0310	---	---
11A	Ant3	5825	17.982	5815.9291	5833.9111	---	---
11N20SISO	Ant3	5180	18.941	5170.6494	5189.5904	---	---
11N20SISO	Ant3	5200	19.341	5190.1299	5209.4705	---	---
11N20SISO	Ant3	5240	18.901	5230.3696	5249.2707	---	---
11N20SISO	Ant3	5260	19.101	5250.6893	5269.7902	---	---
11N20SISO	Ant3	5280	19.061	5270.2498	5289.3107	---	---
11N20SISO	Ant3	5320	18.661	5310.5295	5329.1908	---	---
11N20SISO	Ant3	5500	18.941	5490.4895	5509.4306	---	---
11N20SISO	Ant3	5580	18.821	5570.5694	5589.3906	---	---
11N20SISO	Ant3	5700	19.301	5690.0899	5709.3906	---	---
11N20SISO	Ant3	5745	19.341	5734.9700	5754.3107	---	---
11N20SISO	Ant3	5785	19.221	5775.2098	5794.4306	---	---
11N20SISO	Ant3	5825	19.021	5815.4496	5834.4705	---	---
11N40SISO	Ant3	5190	36.683	5171.7782	5208.4615	---	---
11N40SISO	Ant3	5230	37.243	5211.4585	5248.7013	---	---
11N40SISO	Ant3	5270	37.083	5251.3786	5288.4615	---	---
11N40SISO	Ant3	5310	37.722	5291.5385	5329.2607	---	---
11N40SISO	Ant3	5510	37.403	5491.1389	5528.5415	---	---
11N40SISO	Ant3	5550	37.722	5531.2188	5568.9411	---	---
11N40SISO	Ant3	5670	37.323	5651.3786	5688.7013	---	---
11N40SISO	Ant3	5755	37.003	5736.2987	5773.3017	---	---
11N40SISO	Ant3	5795	37.243	5776.0589	5813.3017	---	---
11AC20SISO	Ant3	5180	18.541	5170.6494	5189.1908	---	---
11AC20SISO	Ant3	5200	18.701	5190.6893	5209.3906	---	---
11AC20SISO	Ant3	5240	18.621	5230.6094	5249.2308	---	---
11AC20SISO	Ant3	5260	18.621	5250.6094	5269.2308	---	---
11AC20SISO	Ant3	5280	19.421	5270.2897	5289.7103	---	---
11AC20SISO	Ant3	5320	19.54	5310.0899	5329.6304	---	---
11AC20SISO	Ant3	5500	19.261	5490.1698	5509.4306	---	---
11AC20SISO	Ant3	5580	19.141	5570.6094	5589.7502	---	---
11AC20SISO	Ant3	5700	19.301	5690.2098	5709.5105	---	---

11AC20SISO	Ant3	5745	19.341	5735.3696	5754.7103	---	---
11AC20SISO	Ant3	5785	19.221	5775.1299	5794.3506	---	---
11AC20SISO	Ant3	5825	18.981	5815.6094	5834.5904	---	---
11AC40SISO	Ant3	5190	37.003	5171.2987	5208.3017	---	---
11AC40SISO	Ant3	5230	37.003	5211.4585	5248.4615	---	---
11AC40SISO	Ant3	5270	36.683	5251.5385	5288.2218	---	---
11AC40SISO	Ant3	5310	36.843	5291.7782	5328.6214	---	---
11AC40SISO	Ant3	5510	37.483	5490.8991	5528.3816	---	---
11AC40SISO	Ant3	5550	37.642	5531.2188	5568.8611	---	---
11AC40SISO	Ant3	5670	37.403	5651.5385	5688.9411	---	---
11AC40SISO	Ant3	5755	37.403	5736.1389	5773.5415	---	---
11AC40SISO	Ant3	5795	37.802	5776.2188	5814.0210	---	---
11AX20SISO	Ant3	5180	19.421	5170.1299	5189.5504	---	---
11AX20SISO	Ant3	5200	19.62	5190.2897	5209.9101	---	---
11AX20SISO	Ant3	5240	19.82	5230.3297	5250.1499	---	---
11AX20SISO	Ant3	5260	19.58	5250.0899	5269.6703	---	---
11AX20SISO	Ant3	5280	19.54	5270.1299	5289.6703	---	---
11AX20SISO	Ant3	5320	19.461	5310.2498	5329.7103	---	---
11AX20SISO	Ant3	5500	19.54	5490.2498	5509.7902	---	---
11AX20SISO	Ant3	5580	19.7	5570.0100	5589.7103	---	---
11AX20SISO	Ant3	5700	19.381	5690.3297	5709.7103	---	---
11AX20SISO	Ant3	5745	19.82	5735.0899	5754.9101	---	---
11AX20SISO	Ant3	5785	19.66	5775.0100	5794.6703	---	---
11AX20SISO	Ant3	5825	19.9	5815.0100	5834.9101	---	---
11AX40SISO	Ant3	5190	38.202	5170.8991	5209.1009	---	---
11AX40SISO	Ant3	5230	38.442	5210.7393	5249.1808	---	---
11AX40SISO	Ant3	5270	37.882	5251.0589	5288.9411	---	---
11AX40SISO	Ant3	5310	38.202	5290.8192	5329.0210	---	---
11AX40SISO	Ant3	5510	38.681	5490.6593	5529.3407	---	---
11AX40SISO	Ant3	5550	38.521	5530.5794	5569.1009	---	---
11AX40SISO	Ant3	5670	39.081	5650.7393	5689.8202	---	---
11AX40SISO	Ant3	5755	38.921	5735.5794	5774.5005	---	---
11AX40SISO	Ant3	5795	38.681	5775.2597	5813.9411	---	---

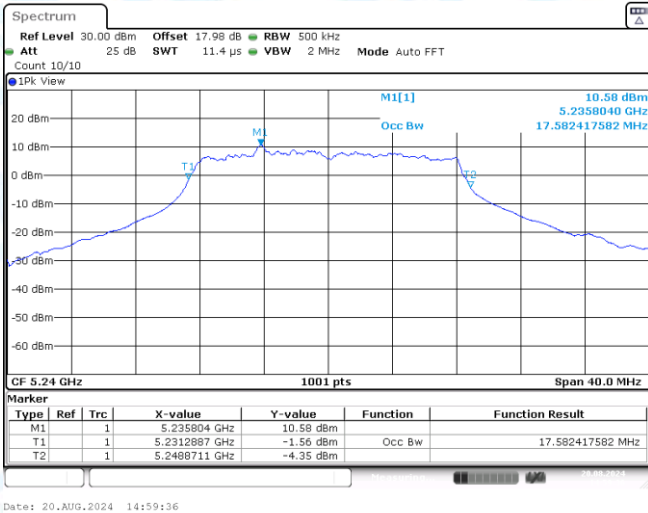
2.2 Test Graphs



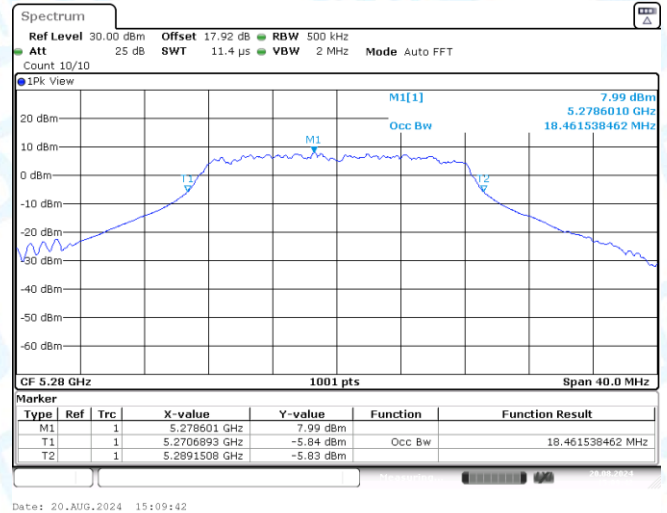
11A-Ant3-5180



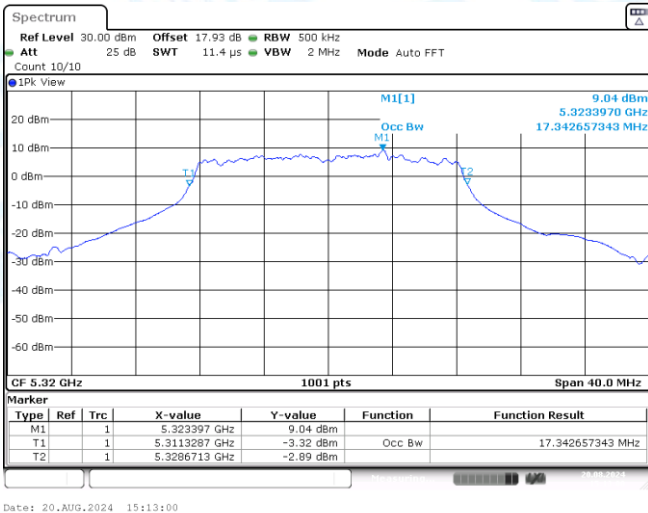
11A-Ant3-5200



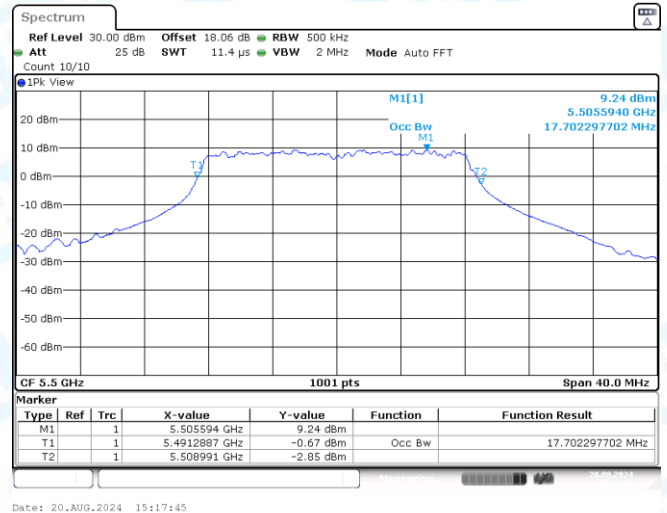
11A-Ant3-5240



11A-Ant3-5280



11A-Ant3-5320



11A-Ant3-5500