

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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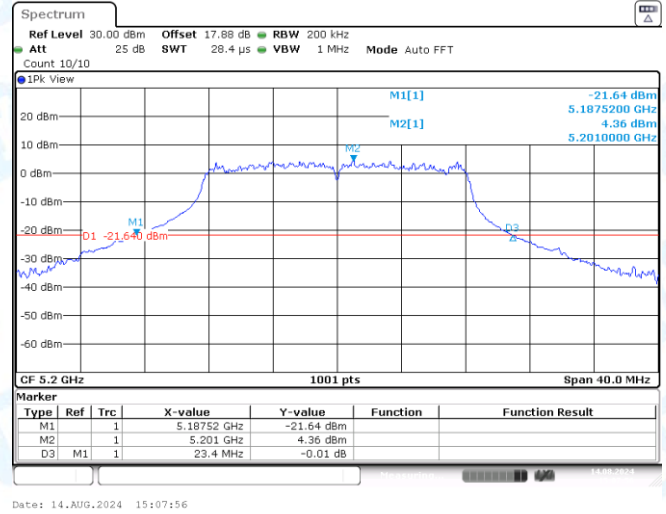
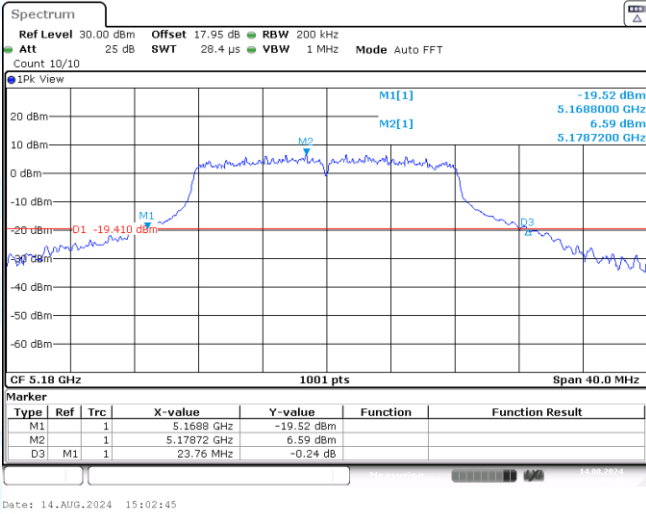
1: Emission Bandwidth

1.1 Test Result

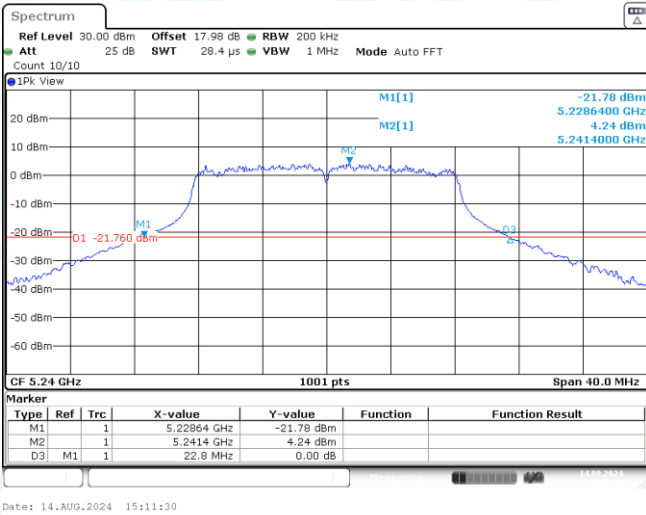
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	23.76	5168.80	5192.56	---	---
11A	Ant2	5200	23.40	5187.52	5210.92	---	---
11A	Ant2	5240	22.80	5228.64	5251.44	---	---
11A	Ant2	5260	23.56	5248.52	5272.08	---	---
11A	Ant2	5280	22.68	5269.24	5291.92	---	---
11A	Ant2	5320	21.88	5309.44	5331.32	---	---
11A	Ant2	5500	24.72	5486.96	5511.68	---	---
11A	Ant2	5580	25.20	5567.00	5592.20	---	---
11A	Ant2	5700	23.92	5687.60	5711.52	---	---
11A	Ant2	5745	24.60	5731.92	5756.52	---	---
11A	Ant2	5785	24.96	5772.64	5797.60	---	---
11A	Ant2	5825	24.92	5812.72	5837.64	---	---
11N20SISO	Ant2	5180	22.92	5168.56	5191.48	---	---
11N20SISO	Ant2	5200	24.28	5187.88	5212.16	---	---
11N20SISO	Ant2	5240	24.64	5227.24	5251.88	---	---
11N20SISO	Ant2	5260	23.24	5248.32	5271.56	---	---
11N20SISO	Ant2	5280	24.56	5267.64	5292.20	---	---
11N20SISO	Ant2	5320	23.88	5308.00	5331.88	---	---
11N20SISO	Ant2	5500	25.56	5487.08	5512.64	---	---
11N20SISO	Ant2	5580	24.92	5567.96	5592.88	---	---
11N20SISO	Ant2	5700	24.28	5687.72	5712.00	---	---
11N20SISO	Ant2	5745	24.52	5732.64	5757.16	---	---
11N20SISO	Ant2	5785	25.32	5772.60	5797.92	---	---
11N20SISO	Ant2	5825	27.00	5810.84	5837.84	---	---
11N40SISO	Ant2	5190	45.92	5167.04	5212.96	---	---
11N40SISO	Ant2	5230	44.96	5207.84	5252.80	---	---
11N40SISO	Ant2	5270	46.24	5247.20	5293.44	---	---
11N40SISO	Ant2	5310	45.60	5287.76	5333.36	---	---
11N40SISO	Ant2	5510	45.52	5487.28	5532.80	---	---
11N40SISO	Ant2	5550	46.32	5527.04	5573.36	---	---
11N40SISO	Ant2	5670	44.72	5647.12	5691.84	---	---
11N40SISO	Ant2	5755	46.88	5731.64	5778.52	---	---
11N40SISO	Ant2	5795	44.64	5772.52	5817.16	---	---
11AC20SISO	Ant2	5180	24.76	5167.64	5192.40	---	---
11AC20SISO	Ant2	5200	24.76	5187.64	5212.40	---	---
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11AC20SISO	Ant2	5320	23.16	5308.52	5331.68	---	---
11AC20SISO	Ant2	5500	24.32	5487.80	5512.12	---	---
11AC20SISO	Ant2	5580	24.16	5567.80	5591.96	---	---

11AC20SISO	Ant2	5700	27.68	5686.40	5714.08	---	---
11AC20SISO	Ant2	5745	25.92	5731.36	5757.28	---	---
11AC20SISO	Ant2	5785	25.12	5771.88	5797.00	---	---
11AC20SISO	Ant2	5825	25.80	5812.68	5838.48	---	---
11AC40SISO	Ant2	5190	43.68	5168.40	5212.08	---	---
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11AC40SISO	Ant2	5510	45.68	5487.04	5532.72	---	---
11AC40SISO	Ant2	5550	45.60	5527.04	5572.64	---	---
11AC40SISO	Ant2	5670	45.68	5647.36	5693.04	---	---
11AC40SISO	Ant2	5755	46.40	5731.40	5777.80	---	---
11AC40SISO	Ant2	5795	45.68	5772.52	5818.20	---	---
11AX20SISO	Ant2	5180	23.28	5168.64	5191.92	---	---
11AX20SISO	Ant2	5200	23.60	5188.16	5211.76	---	---
11AX20SISO	Ant2	5240	23.32	5228.40	5251.72	---	---
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11AX20SISO	Ant2	5280	24.28	5268.48	5292.76	---	---
11AX20SISO	Ant2	5320	23.80	5308.28	5332.08	---	---
11AX20SISO	Ant2	5500	25.20	5487.68	5512.88	---	---
11AX20SISO	Ant2	5580	24.40	5567.84	5592.24	---	---
11AX20SISO	Ant2	5700	23.12	5688.08	5711.20	---	---
11AX20SISO	Ant2	5745	23.68	5732.88	5756.56	---	---
11AX20SISO	Ant2	5785	25.60	5772.20	5797.80	---	---
11AX20SISO	Ant2	5825	24.96	5811.88	5836.84	---	---
11AX40SISO	Ant2	5190	45.84	5166.64	5212.48	---	---
11AX40SISO	Ant2	5230	43.84	5208.08	5251.92	---	---
11AX40SISO	Ant2	5270	43.84	5247.92	5291.76	---	---
11AX40SISO	Ant2	5310	43.12	5288.24	5331.36	---	---
11AX40SISO	Ant2	5510	43.36	5487.92	5531.28	---	---
11AX40SISO	Ant2	5550	44.16	5528.16	5572.32	---	---
11AX40SISO	Ant2	5670	46.16	5647.12	5693.28	---	---
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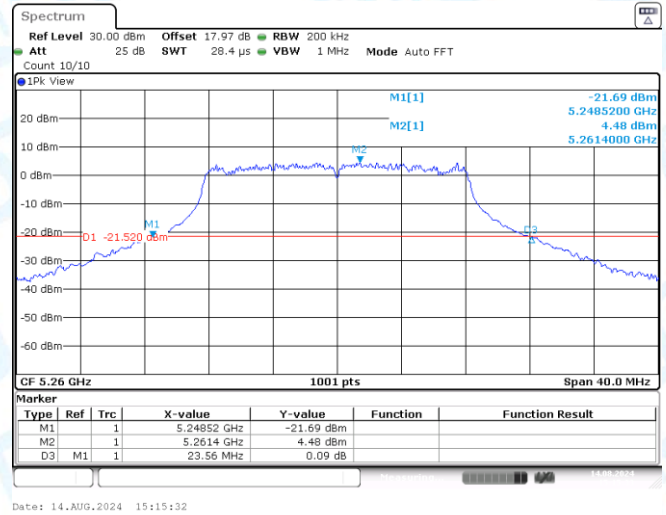
1.2 Test Graphs



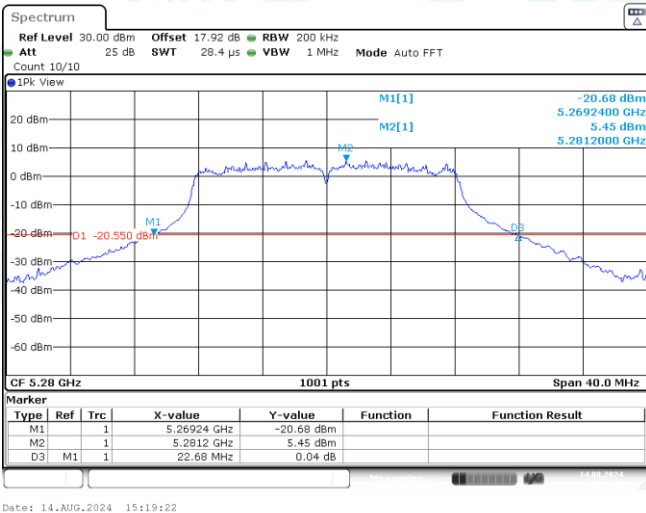
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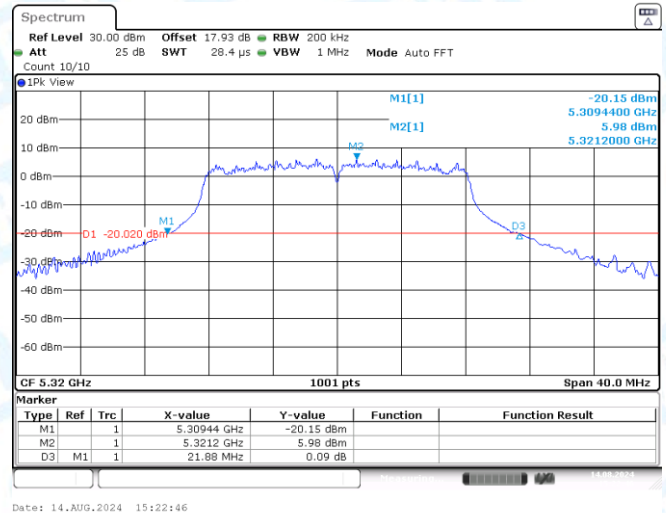
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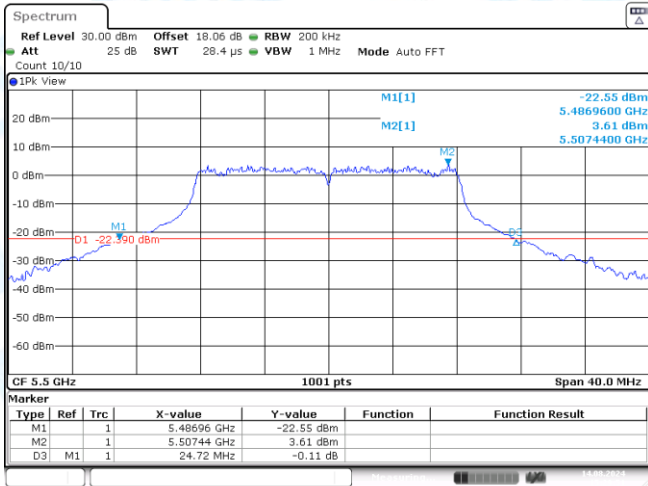


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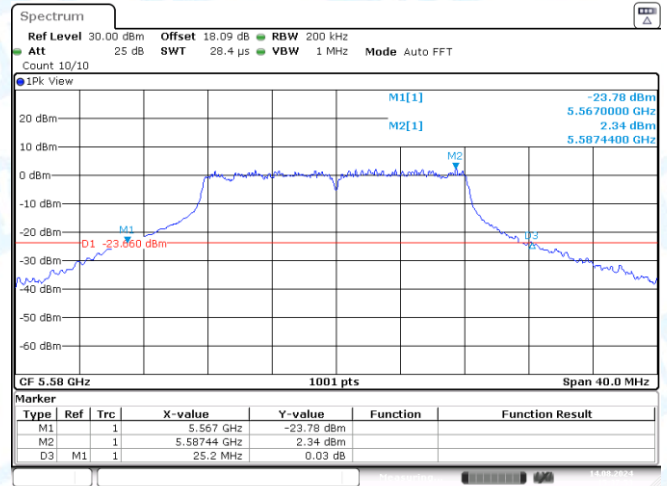


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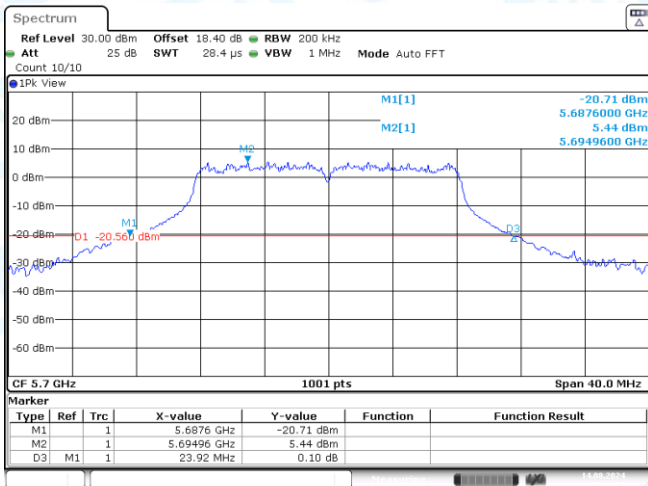
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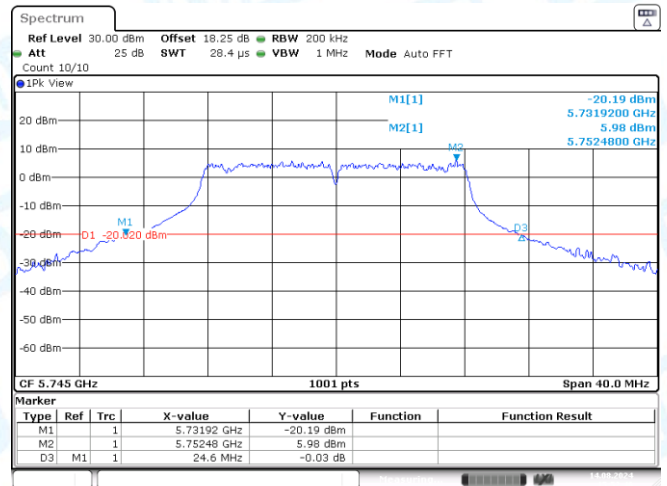
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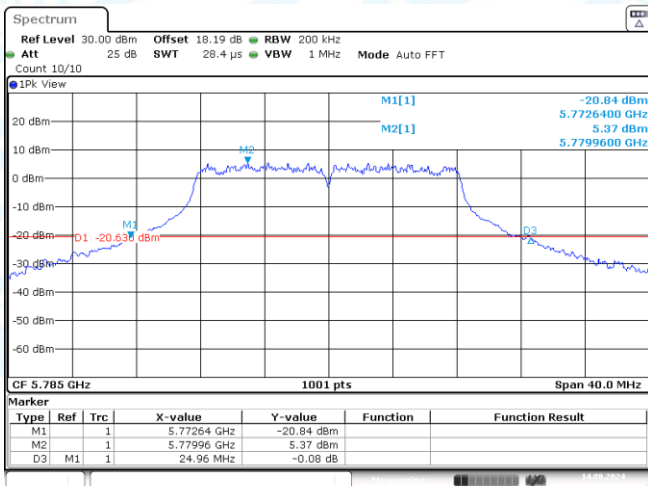
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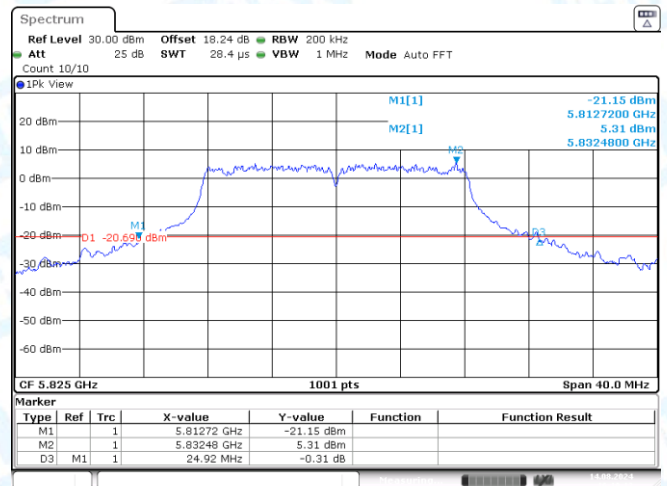
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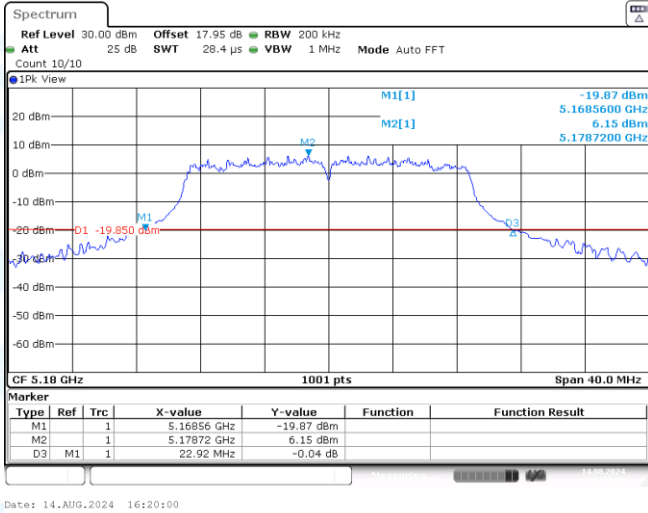
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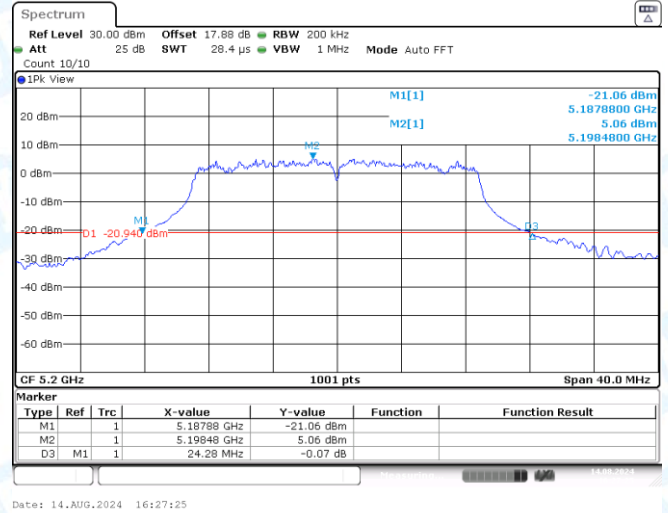
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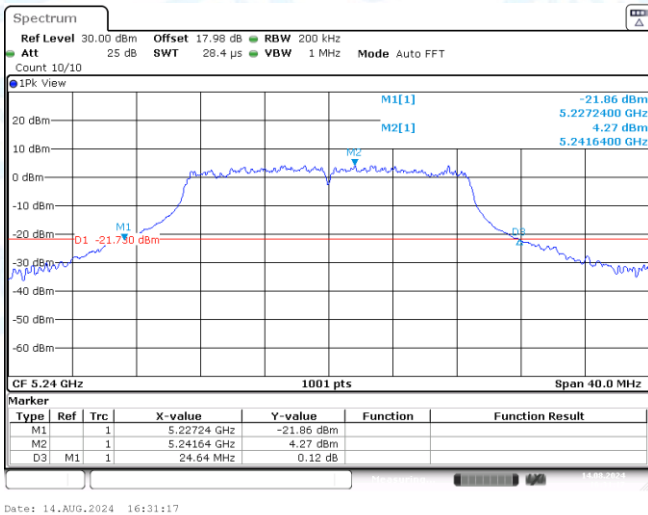
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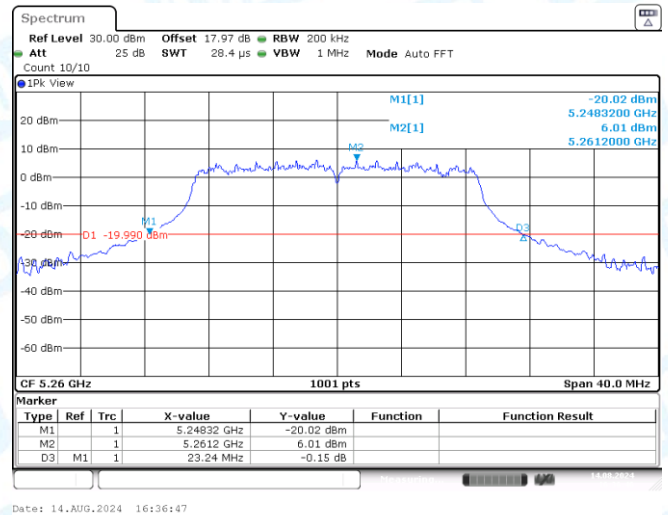
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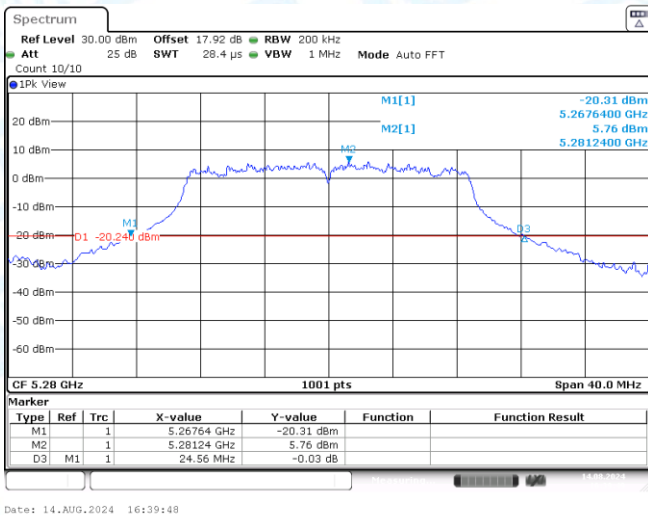
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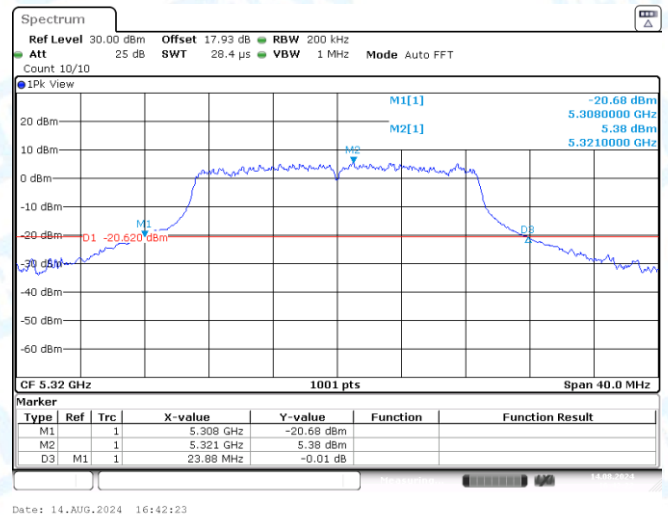
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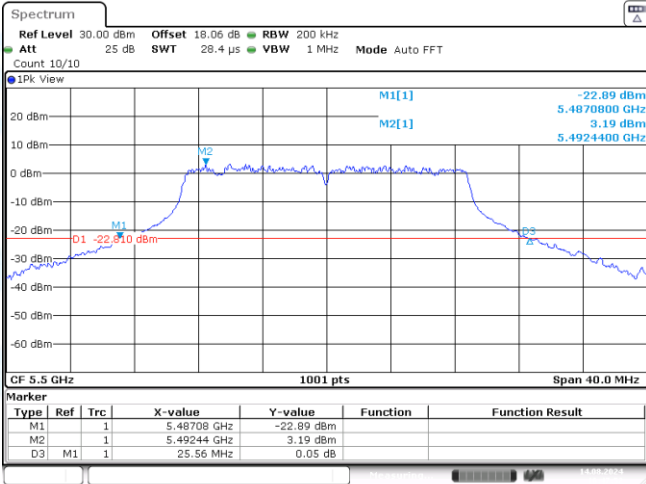
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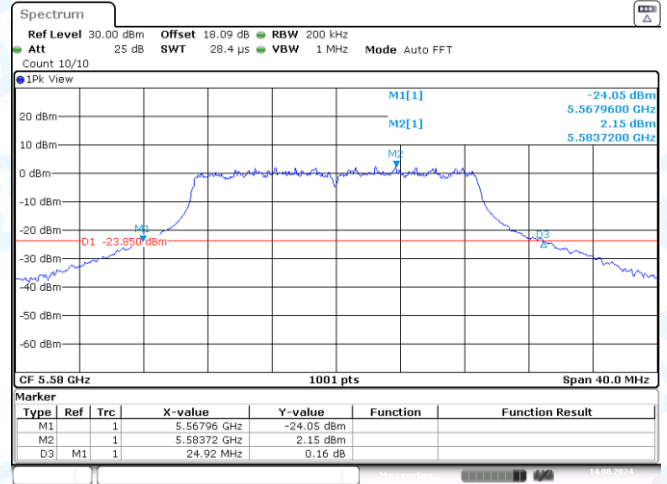
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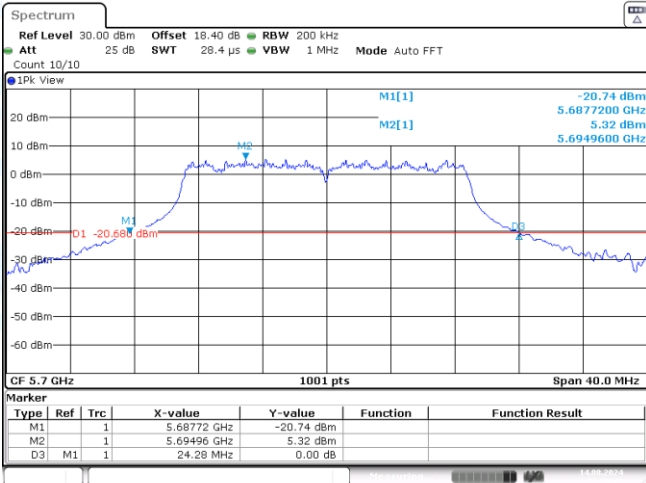
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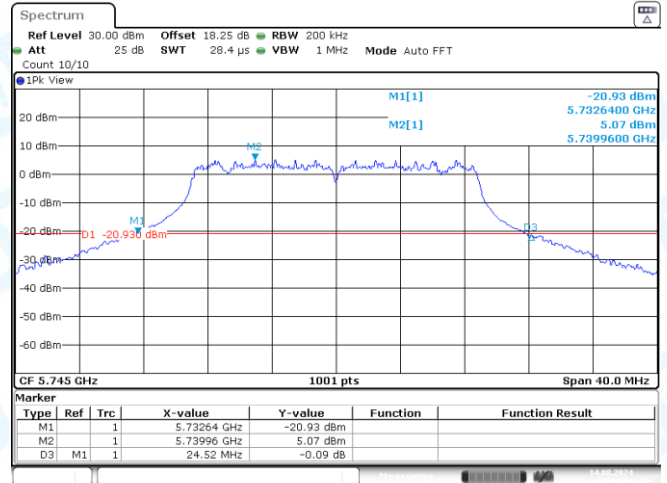
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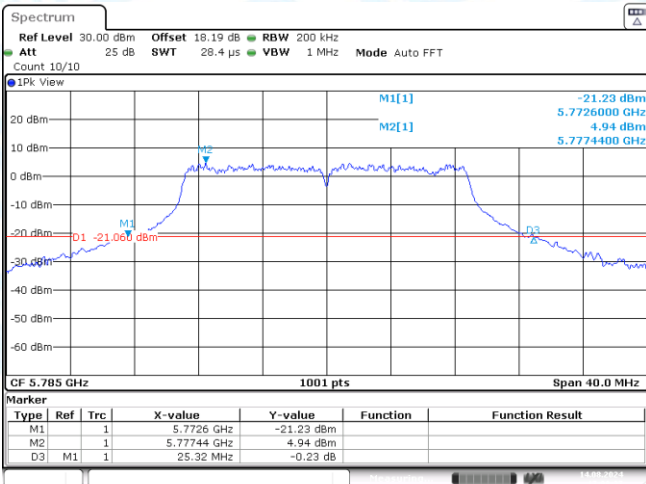
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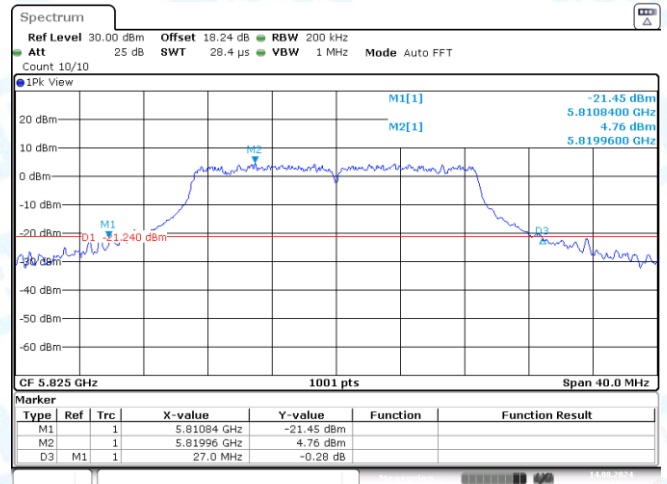
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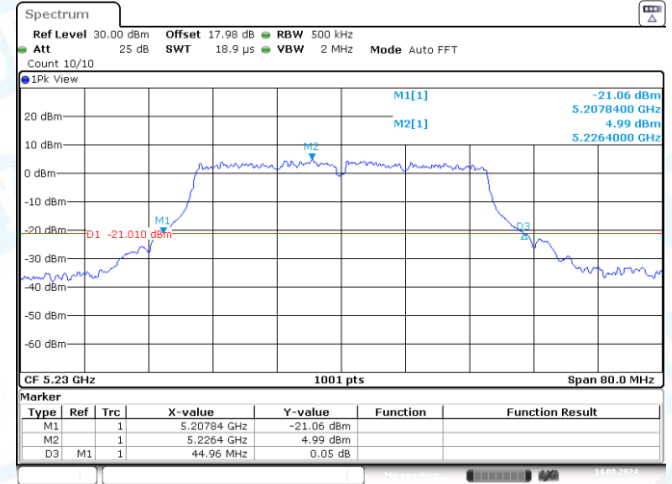
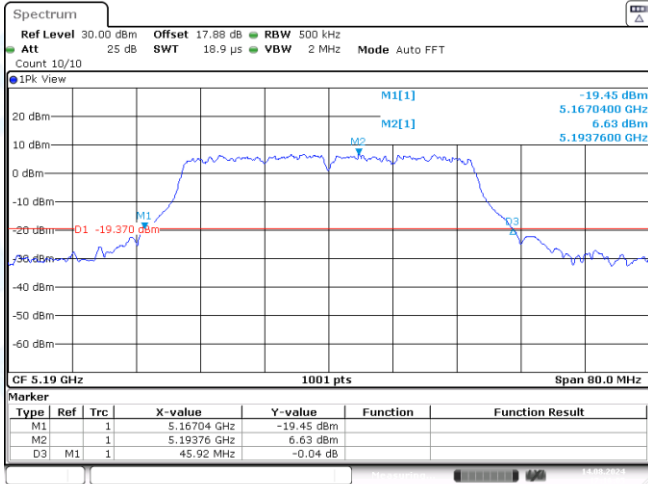
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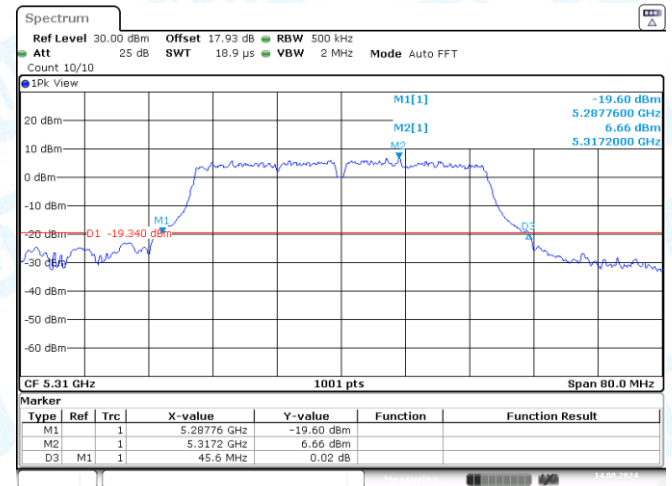
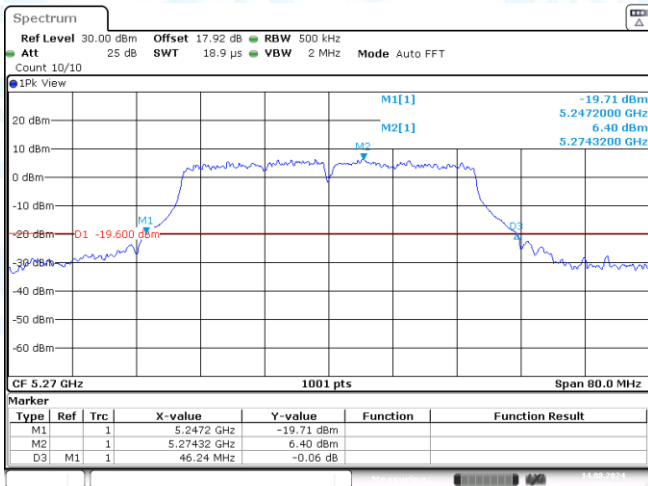


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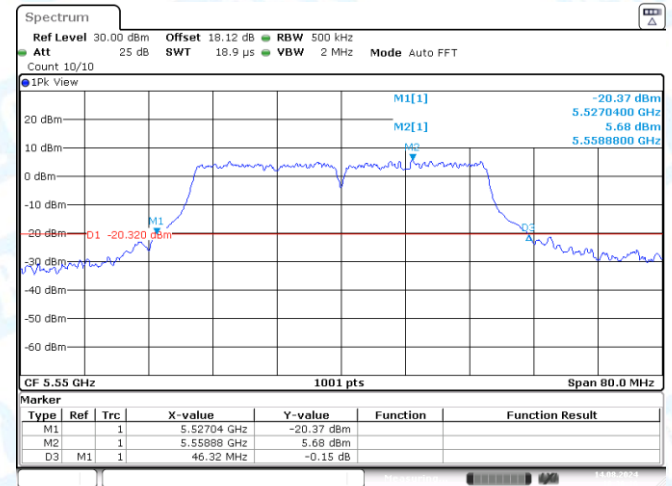
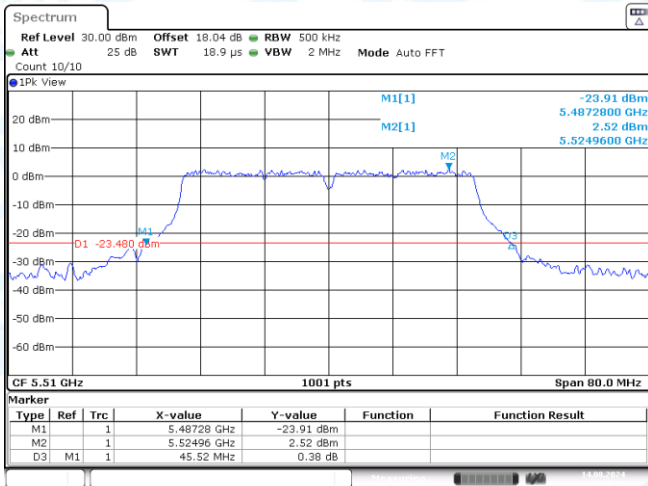
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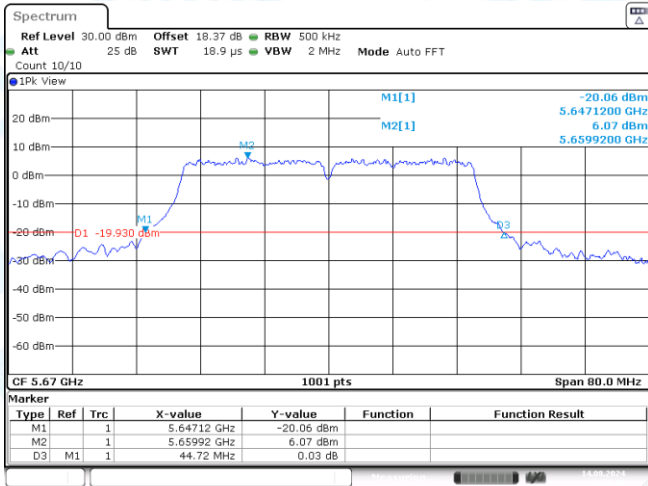
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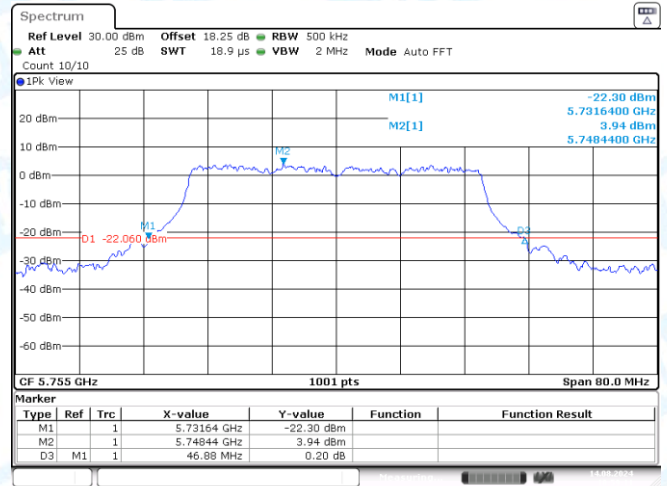


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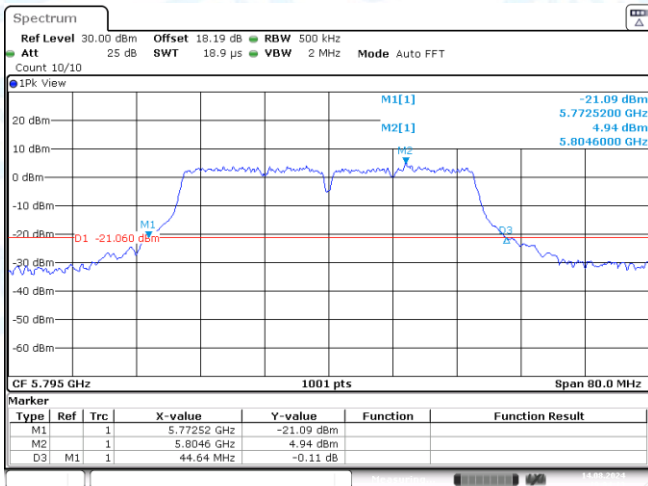
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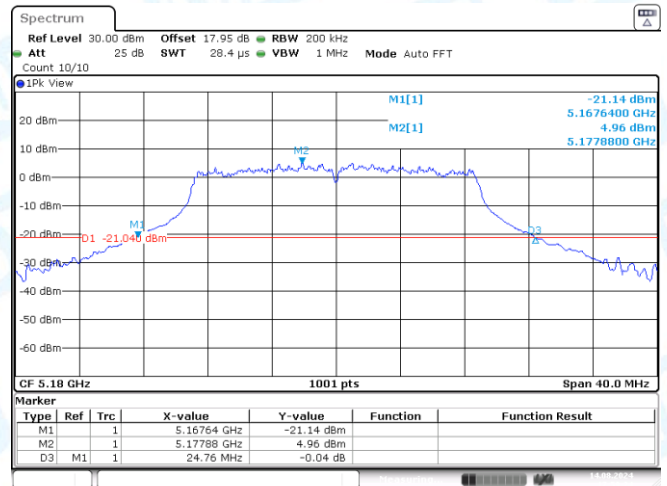
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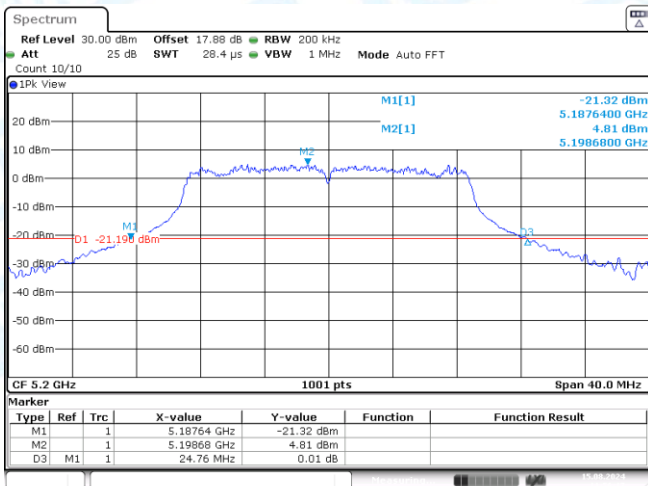
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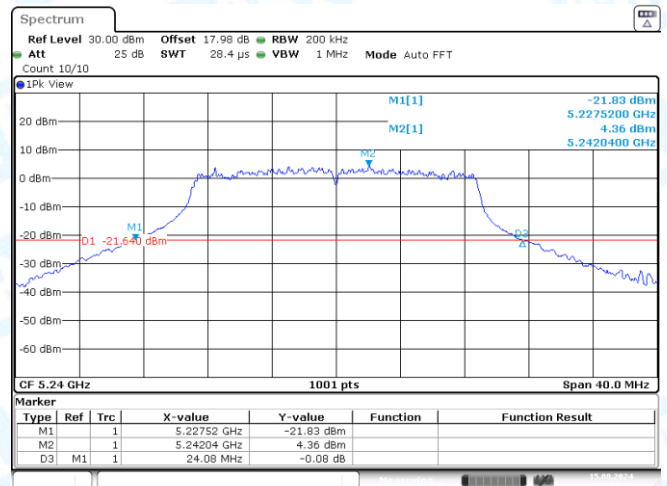
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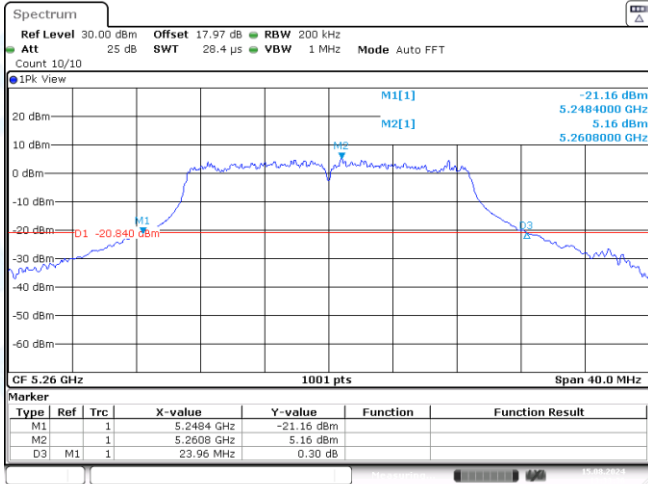
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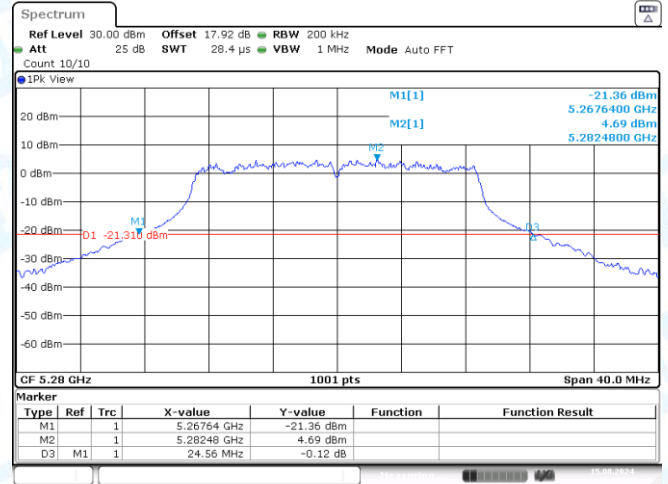
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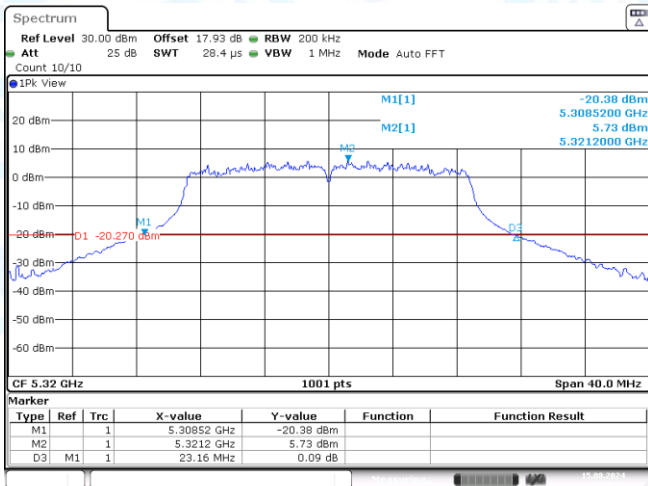
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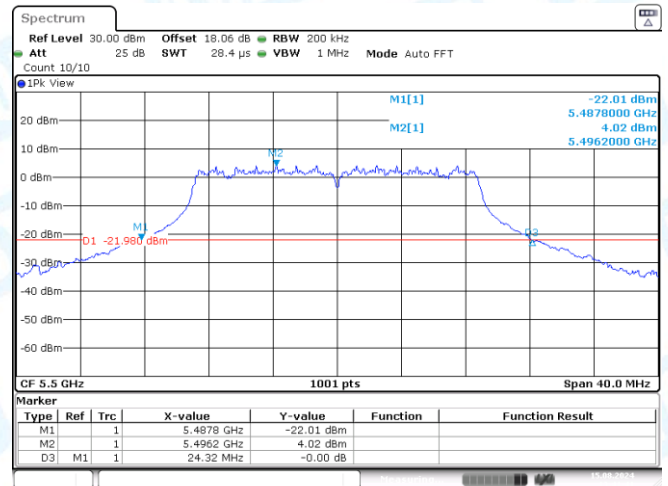
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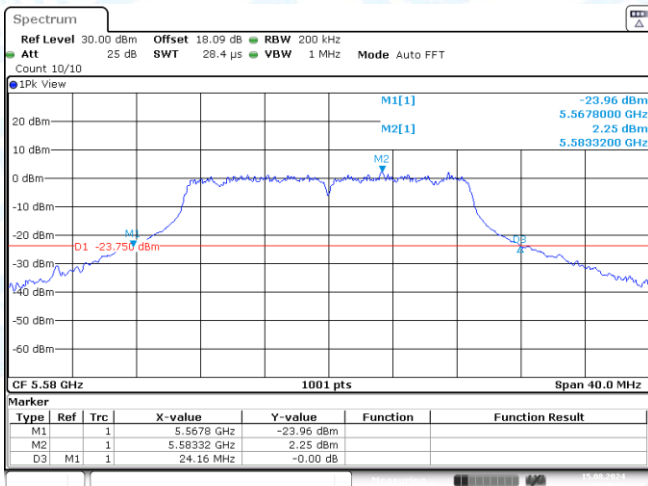
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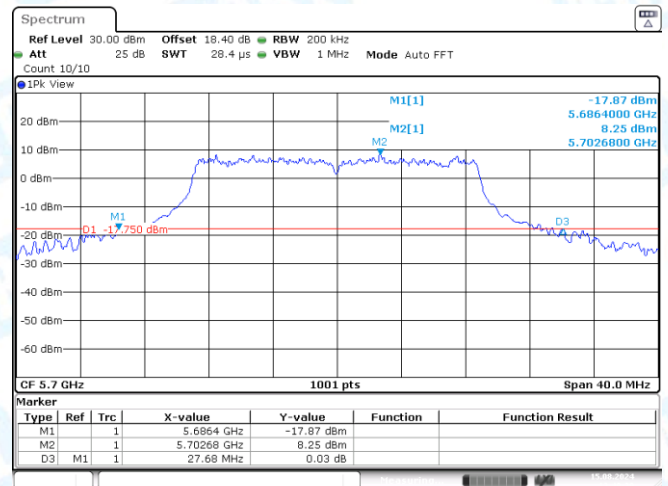
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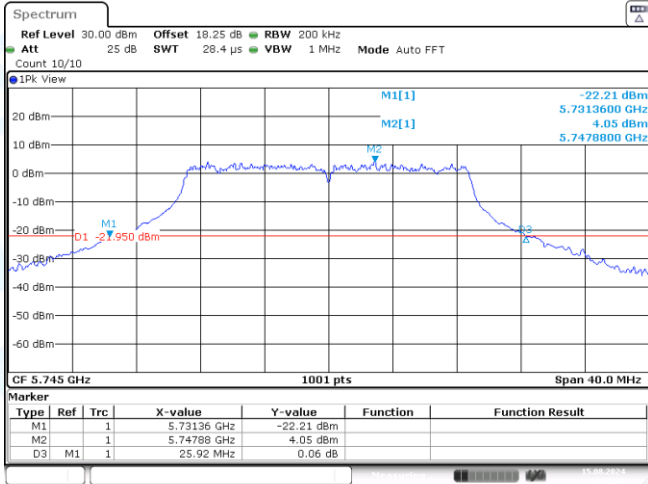
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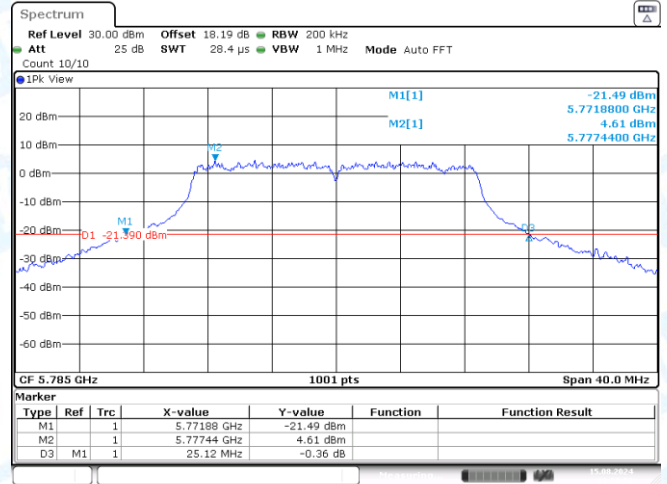
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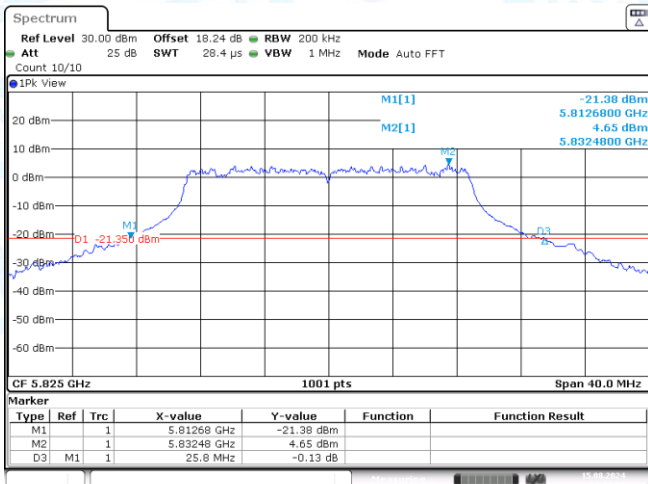
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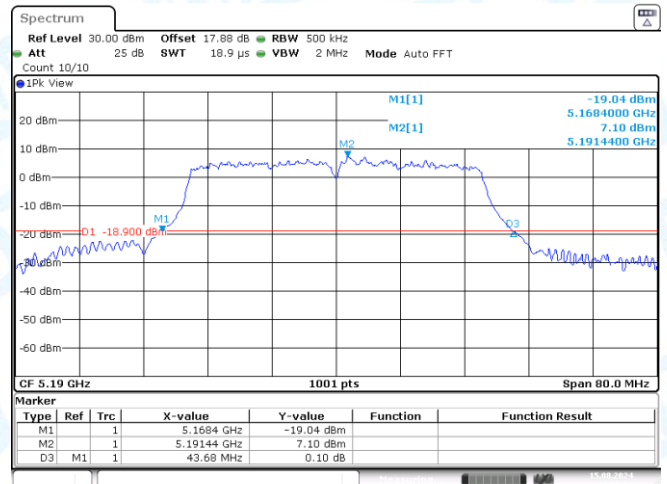
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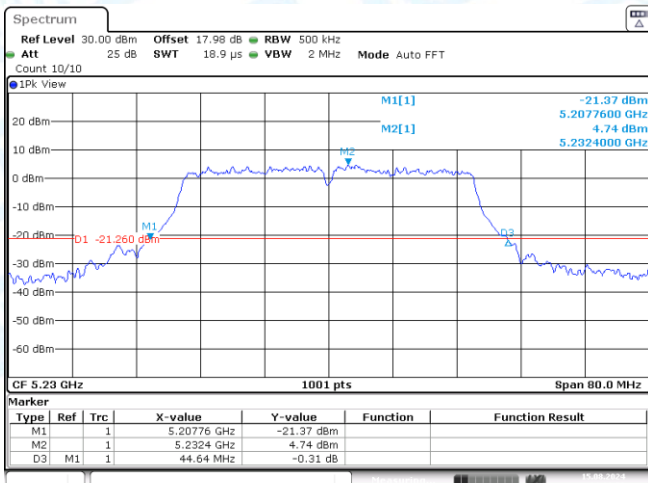
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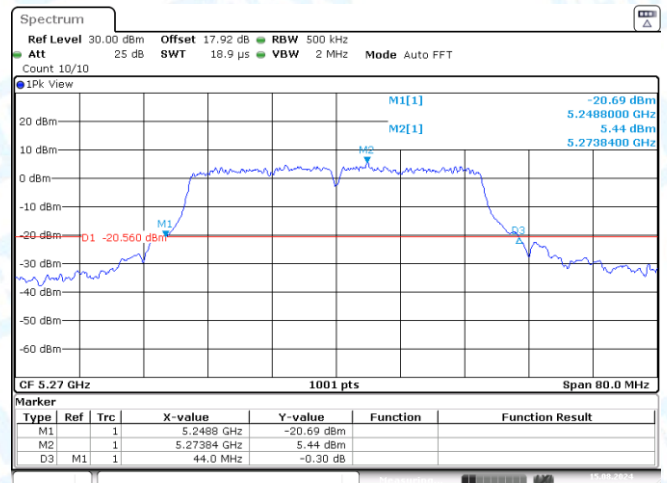
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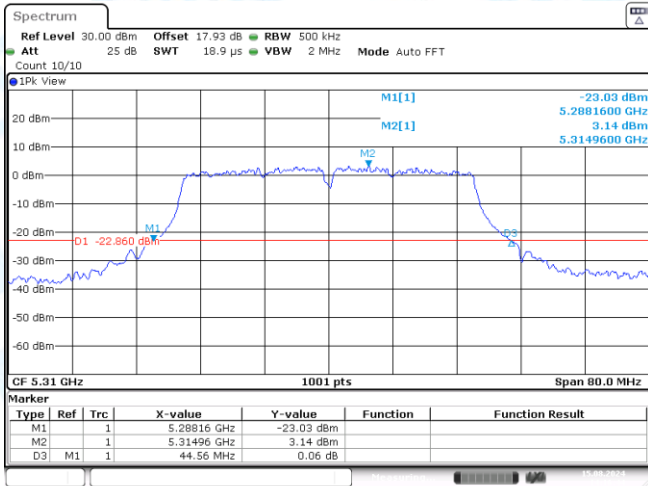
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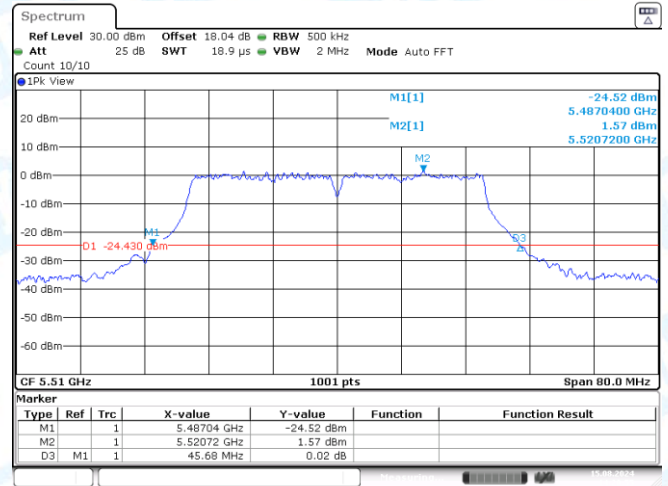
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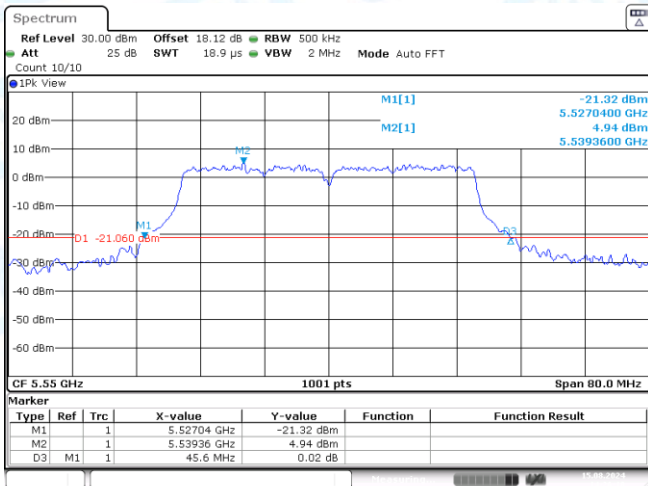
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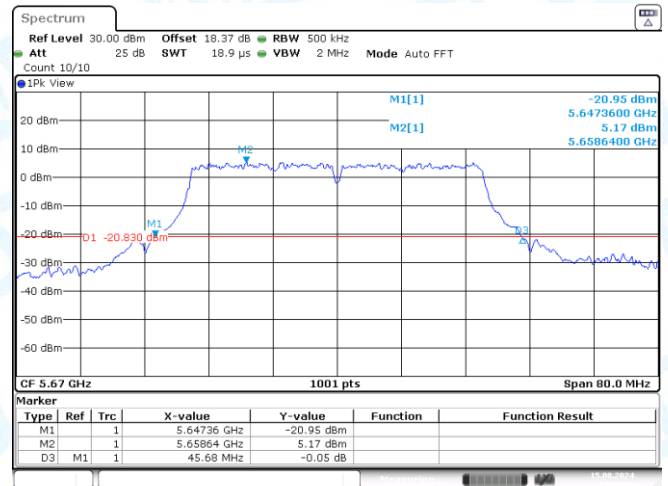
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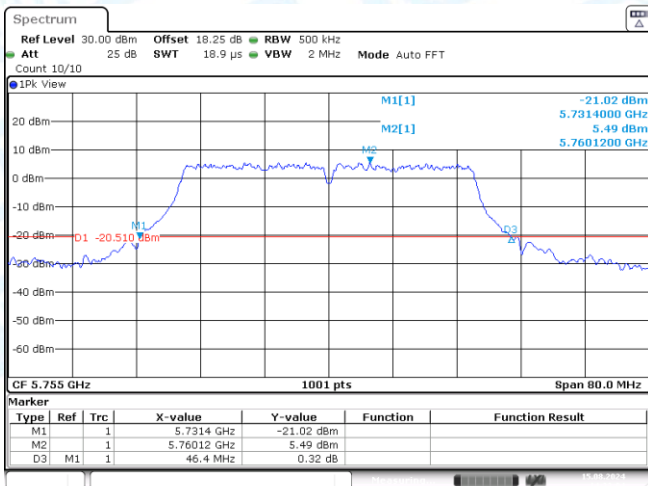
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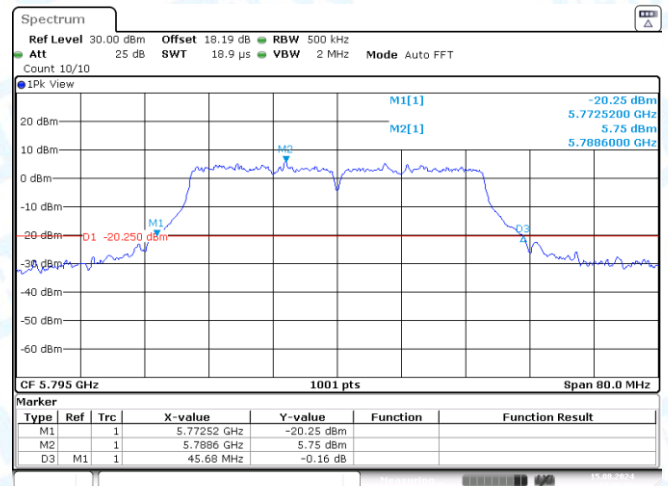
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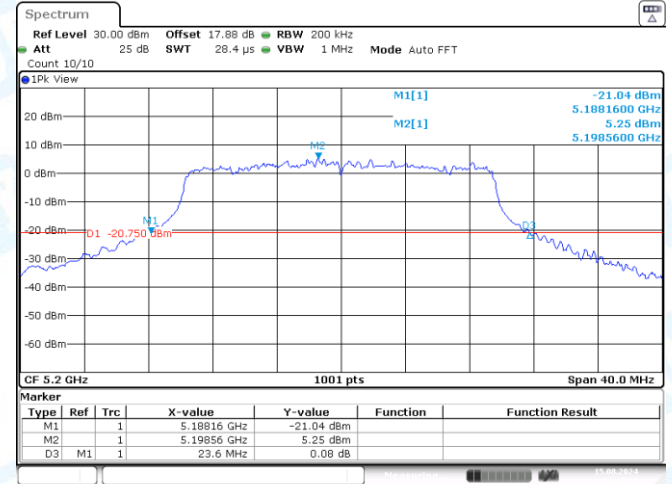
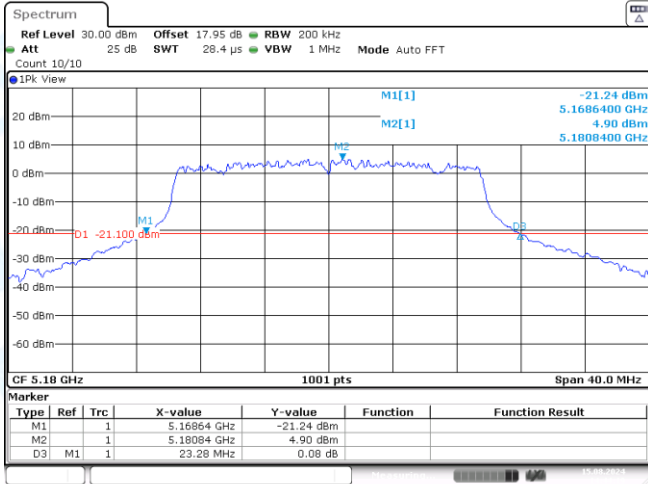
11AC40SISO-Ant2-5670



11AC40SISO-Ant2-5755

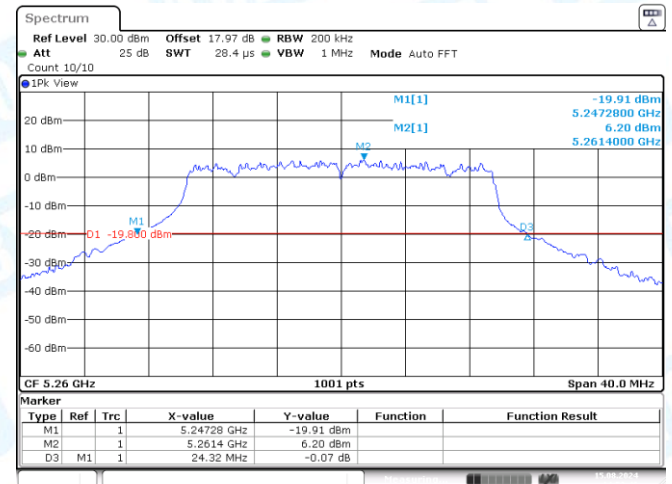
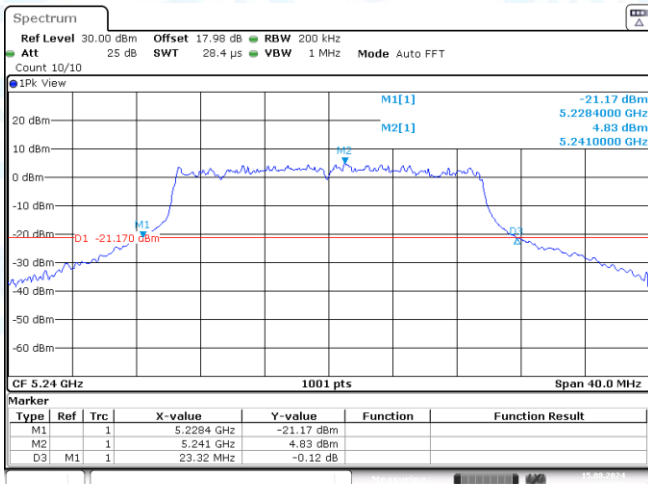


11AC40SISO-Ant2-5795



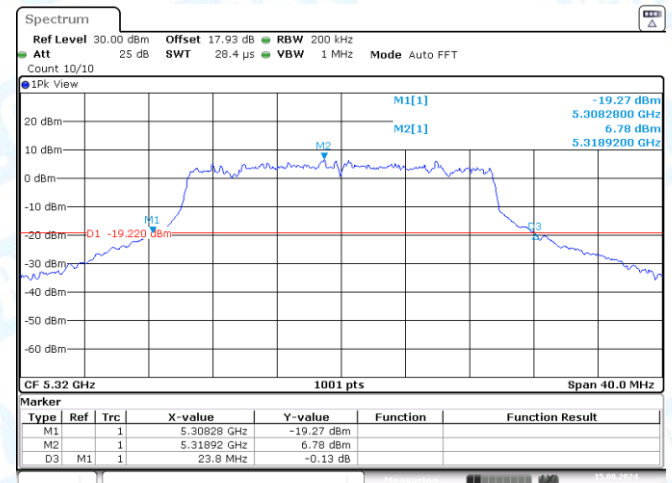
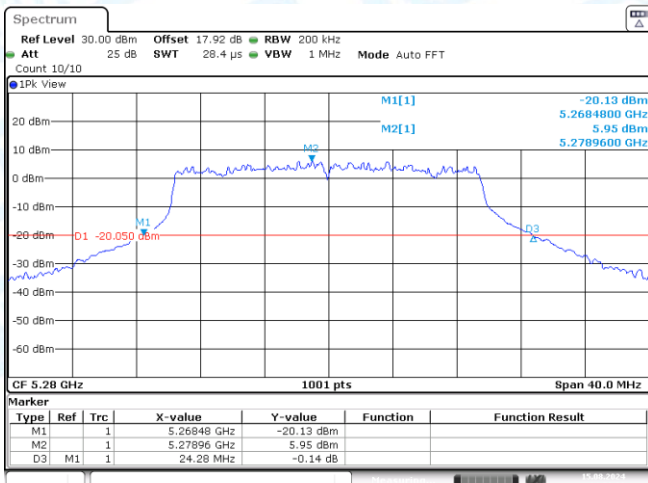
11AX20SISO-Ant2-5180

11AX20SISO-Ant2-5200



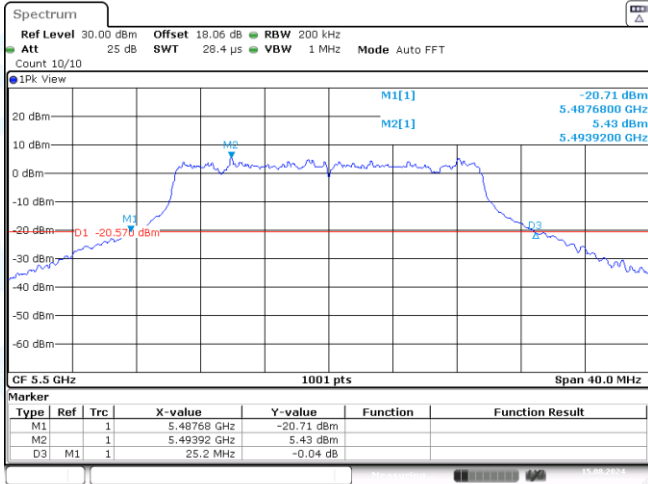
11AX20SISO-Ant2-5240

11AX20SISO-Ant2-5260

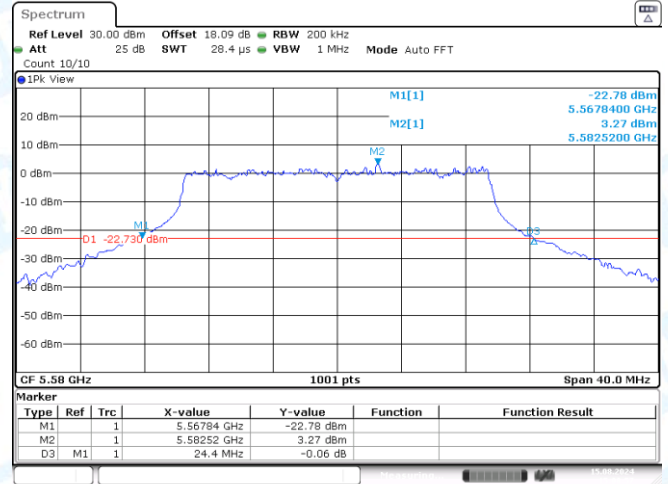


11AX20SISO-Ant2-5280

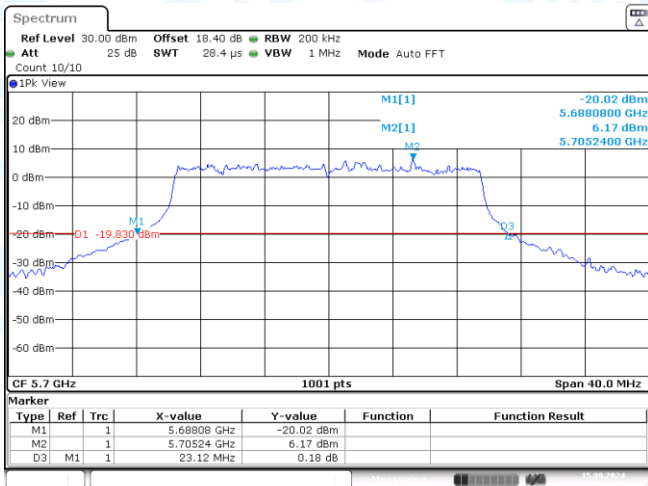
11AX20SISO-Ant2-5320



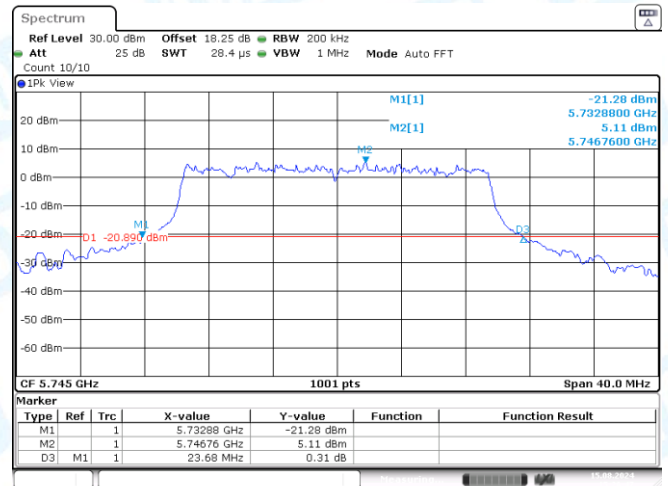
11AX20SISO-Ant2-5500



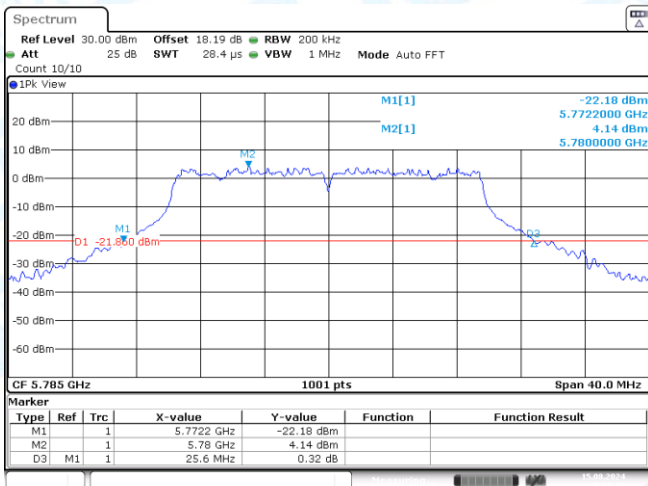
11AX20SISO-Ant2-5580



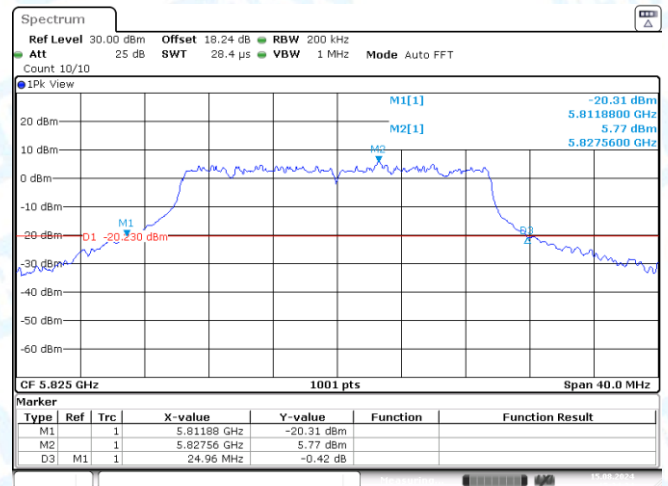
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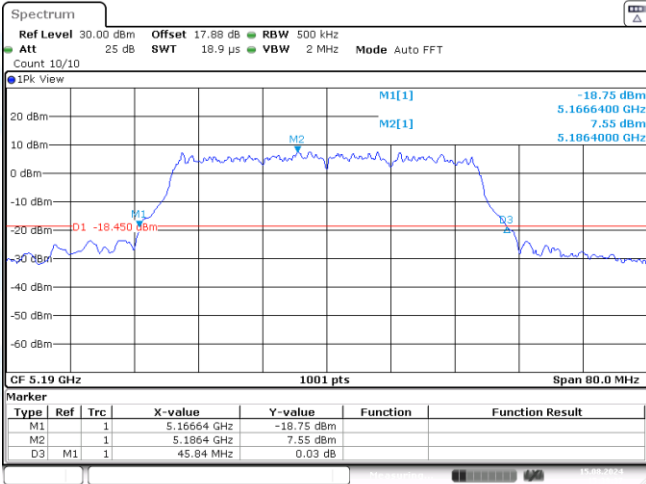
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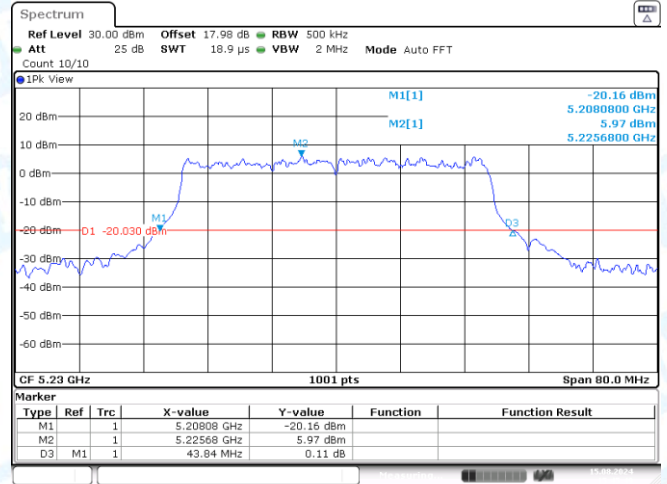
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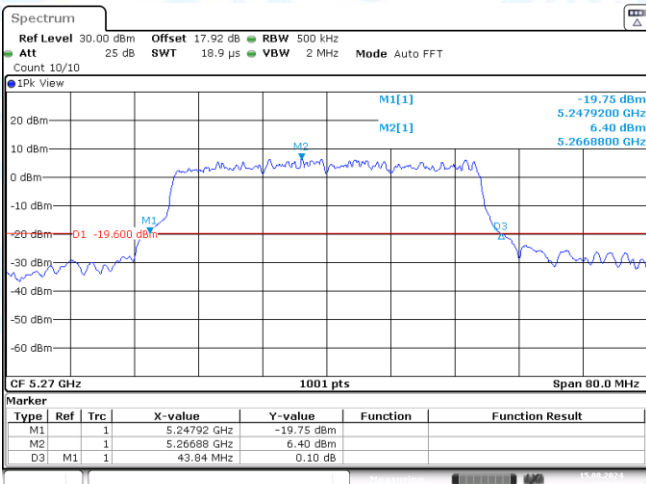
11AX20SISO-Ant2-5825



11AX40SISO-Ant2-5190



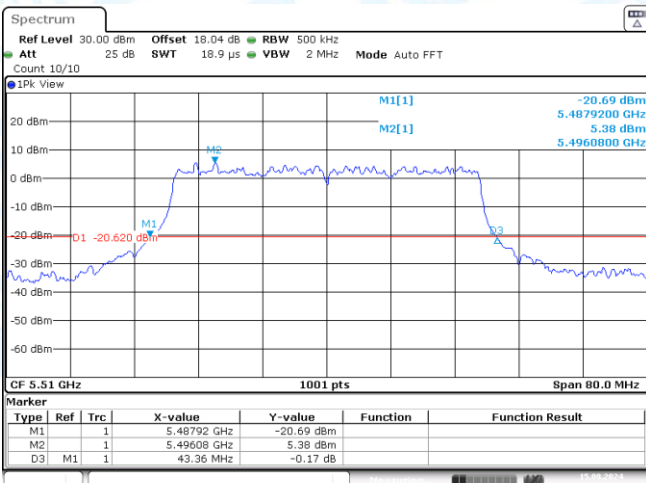
11AX40SISO-Ant2-5230



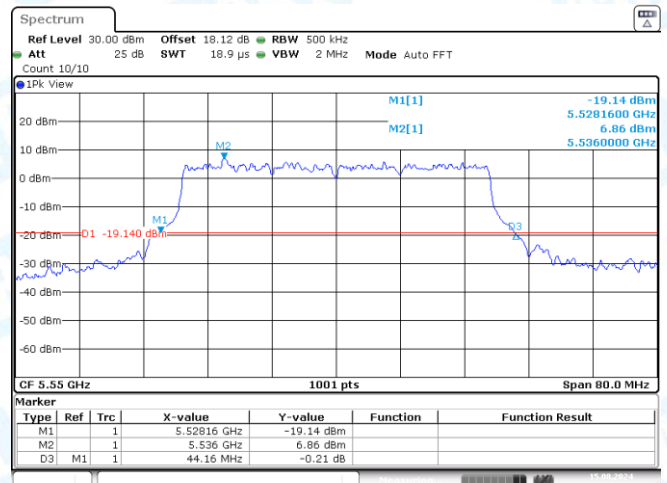
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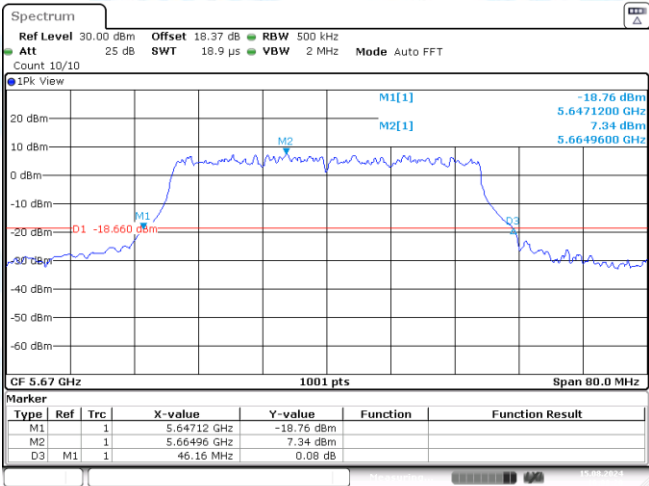
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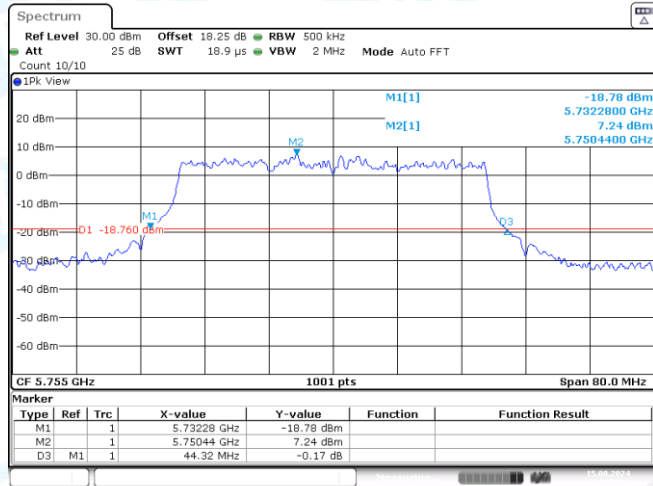
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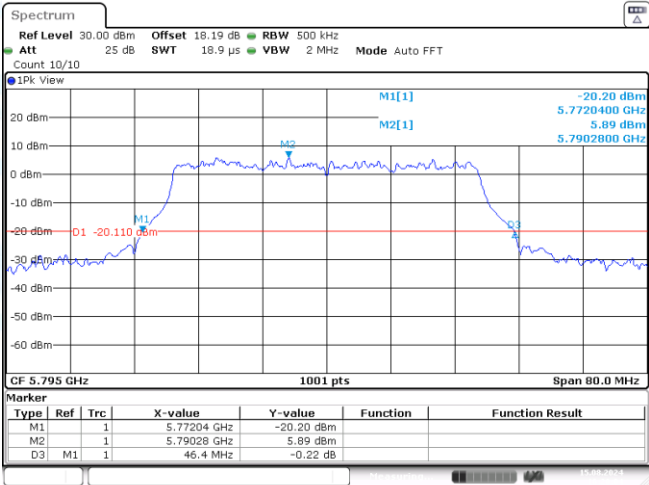
11AX40SISO-Ant2-5550



11AX40SISO-Ant2-5670



11AX40SISO-Ant2-5755



11AX40SISO-Ant2-5795

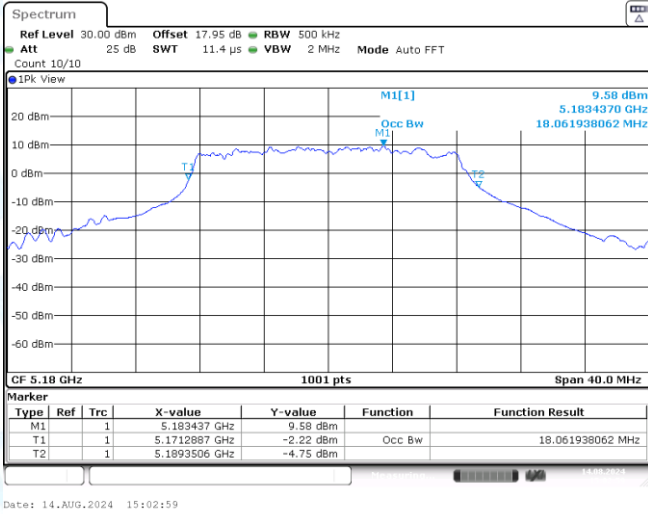
2: Occupied channel bandwidth

2.1 Test Result

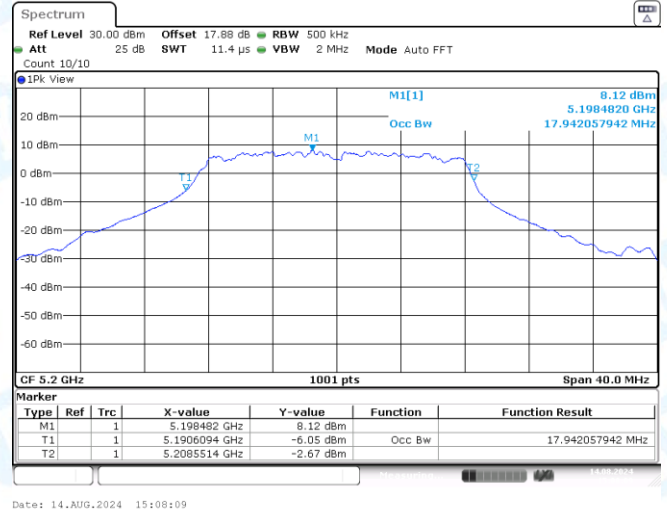
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant2	5180	18.062	5171.2887	5189.3506	---	---
11A	Ant2	5200	17.942	5190.6094	5208.5514	---	---
11A	Ant2	5240	17.423	5231.0490	5248.4715	---	---
11A	Ant2	5260	18.302	5250.5295	5268.8312	---	---
11A	Ant2	5280	17.622	5271.2488	5288.8711	---	---
11A	Ant2	5320	17.502	5311.1688	5328.6713	---	---
11A	Ant2	5500	17.702	5491.0090	5508.7113	---	---
11A	Ant2	5580	17.782	5571.0889	5588.8711	---	---
11A	Ant2	5700	17.662	5691.0490	5708.7113	---	---
11A	Ant2	5745	18.262	5735.6494	5753.9111	---	---
11A	Ant2	5785	18.621	5775.2897	5793.9111	---	---
11A	Ant2	5825	18.062	5815.9690	5834.0310	---	---
11N20SISO	Ant2	5180	18.422	5170.8492	5189.2707	---	---
11N20SISO	Ant2	5200	18.701	5190.5694	5209.2707	---	---
11N20SISO	Ant2	5240	18.861	5230.6094	5249.4705	---	---
11N20SISO	Ant2	5260	19.301	5250.1698	5269.4705	---	---
11N20SISO	Ant2	5280	19.421	5270.1698	5289.5904	---	---
11N20SISO	Ant2	5320	19.181	5310.2098	5329.3906	---	---
11N20SISO	Ant2	5500	19.301	5490.1299	5509.4306	---	---
11N20SISO	Ant2	5580	18.861	5570.6094	5589.4705	---	---
11N20SISO	Ant2	5700	18.781	5690.6094	5709.3906	---	---
11N20SISO	Ant2	5745	19.141	5735.2897	5754.4306	---	---
11N20SISO	Ant2	5785	19.62	5774.7702	5794.3906	---	---
11N20SISO	Ant2	5825	19.181	5815.5295	5834.7103	---	---
11N40SISO	Ant2	5190	36.843	5171.4585	5208.3017	---	---
11N40SISO	Ant2	5230	36.923	5211.3786	5248.3017	---	---
11N40SISO	Ant2	5270	37.083	5251.5385	5288.6214	---	---
11N40SISO	Ant2	5310	37.163	5291.2987	5328.4615	---	---
11N40SISO	Ant2	5510	37.403	5490.9790	5528.3816	---	---
11N40SISO	Ant2	5550	37.083	5531.3786	5568.4615	---	---
11N40SISO	Ant2	5670	37.642	5650.8991	5688.5415	---	---
11N40SISO	Ant2	5755	36.843	5736.4585	5773.3017	---	---
11N40SISO	Ant2	5795	37.243	5776.4585	5813.7013	---	---
11AC20SISO	Ant2	5180	19.181	5170.3696	5189.5504	---	---
11AC20SISO	Ant2	5200	18.741	5190.4096	5209.1508	---	---
11AC20SISO	Ant2	5240	19.101	5230.4496	5249.5504	---	---
11AC20SISO	Ant2	5260	18.941	5250.4496	5269.3906	---	---
11AC20SISO	Ant2	5280	19.181	5270.2498	5289.4306	---	---
11AC20SISO	Ant2	5320	19.061	5310.3297	5329.3906	---	---
11AC20SISO	Ant2	5500	19.62	5490.2098	5509.8302	---	---
11AC20SISO	Ant2	5580	19.461	5570.1698	5589.6304	---	---

11AC20SISO	Ant2	5700	19.261	5690.3696	5709.6304	---	---
11AC20SISO	Ant2	5745	18.581	5735.6893	5754.2707	---	---
11AC20SISO	Ant2	5785	20.06	5774.6903	5794.7502	---	---
11AC20SISO	Ant2	5825	19.461	5815.5694	5835.0300	---	---
11AC40SISO	Ant2	5190	36.763	5171.4585	5208.2218	---	---
11AC40SISO	Ant2	5230	37.243	5211.0589	5248.3017	---	---
11AC40SISO	Ant2	5270	36.843	5251.4585	5288.3017	---	---
11AC40SISO	Ant2	5310	37.083	5291.6184	5328.7013	---	---
11AC40SISO	Ant2	5510	37.243	5491.2987	5528.5415	---	---
11AC40SISO	Ant2	5550	37.802	5531.1389	5568.9411	---	---
11AC40SISO	Ant2	5670	37.483	5650.8192	5688.3017	---	---
11AC40SISO	Ant2	5755	37.323	5736.3786	5773.7013	---	---
11AC40SISO	Ant2	5795	37.962	5776.2987	5814.2607	---	---
11AX20SISO	Ant2	5180	19.461	5170.2498	5189.7103	---	---
11AX20SISO	Ant2	5200	19.54	5190.2498	5209.7902	---	---
11AX20SISO	Ant2	5240	19.461	5230.3696	5249.8302	---	---
11AX20SISO	Ant2	5260	19.221	5250.3297	5269.5504	---	---
11AX20SISO	Ant2	5280	19.301	5270.3297	5289.6304	---	---
11AX20SISO	Ant2	5320	19.58	5310.2897	5329.8701	---	---
11AX20SISO	Ant2	5500	19.341	5490.2498	5509.5904	---	---
11AX20SISO	Ant2	5580	19.74	5569.8501	5589.5904	---	---
11AX20SISO	Ant2	5700	19.62	5690.1698	5709.7902	---	---
11AX20SISO	Ant2	5745	19.381	5735.2498	5754.6304	---	---
11AX20SISO	Ant2	5785	19.7	5775.0100	5794.7103	---	---
11AX20SISO	Ant2	5825	19.66	5815.0500	5834.7103	---	---
11AX40SISO	Ant2	5190	38.362	5170.8192	5209.1808	---	---
11AX40SISO	Ant2	5230	37.802	5211.0589	5248.8611	---	---
11AX40SISO	Ant2	5270	38.362	5250.8192	5289.1808	---	---
11AX40SISO	Ant2	5310	38.122	5291.0589	5329.1808	---	---
11AX40SISO	Ant2	5510	38.282	5490.7393	5529.0210	---	---
11AX40SISO	Ant2	5550	38.362	5530.8991	5569.2607	---	---
11AX40SISO	Ant2	5670	38.362	5650.7393	5689.1009	---	---
11AX40SISO	Ant2	5755	38.521	5735.8192	5774.3407	---	---
11AX40SISO	Ant2	5795	38.442	5775.8192	5814.2607	---	---

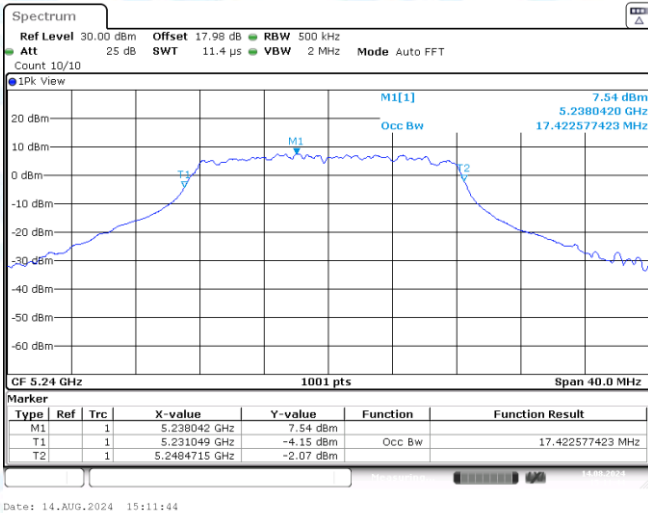
2.2 Test Graphs



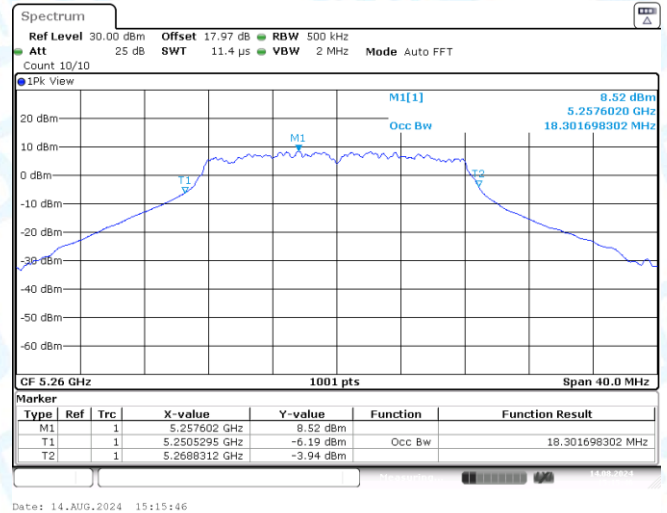
11A-Ant2-5180



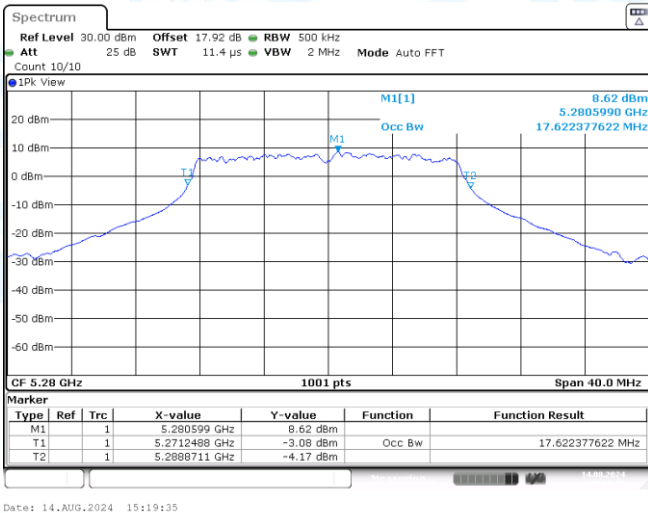
11A-Ant2-5200



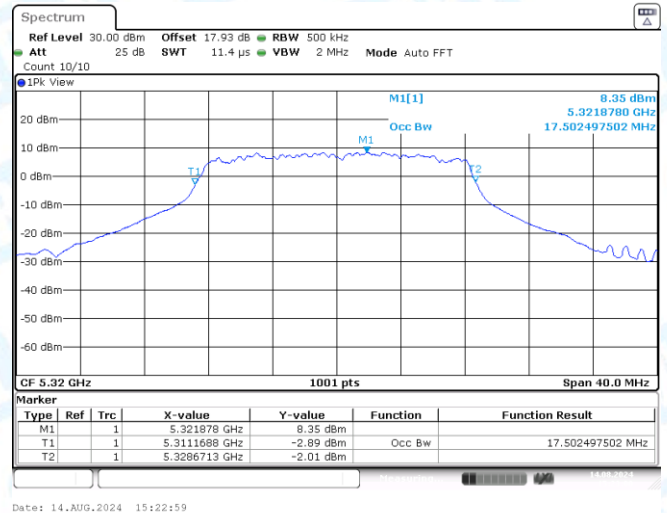
11A-Ant2-5240



11A-Ant2-5260



11A-Ant2-5280



11A-Ant2-5320