

RF Test Data for 5G Wi-Fi

(Conducted Measurements)

General Description of EUT	
EUT Name:	rechargeable indoor pan-tilt camera
Model:	SF-C2R
Sample ID:	HC-C-202512-0181-01-01
Environmental Conditions	
Ambient Temperature:	25.8℃
Ambient Humidity:	46.2%RH
Test Power Supply:	DC 3.7V
Test Engineer:	Kael Li
Note: For a more detailed features description, please refer to the report TBR-C-202512-0181-52	

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1: Emission Bandwidth

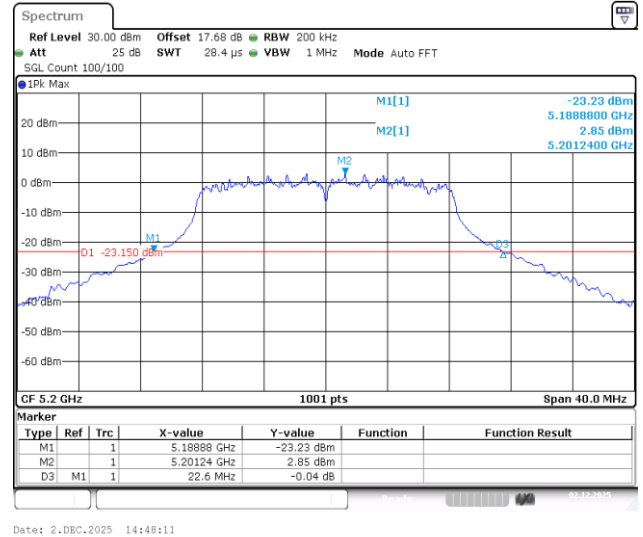
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	22.44	5168.68	5191.12	---	---
11A	Ant1	5200	22.60	5188.88	5211.48	---	---
11A	Ant1	5240	20.32	5229.84	5250.16	---	---
11A	Ant1	5260	21.44	5249.12	5270.56	---	---
11A	Ant1	5280	22.56	5268.92	5291.48	---	---
11A	Ant1	5320	20.92	5309.92	5330.84	---	---
11A	Ant1	5500	22.76	5489.12	5511.88	---	---
11A	Ant1	5580	22.08	5569.24	5591.32	---	---
11A	Ant1	5700	22.28	5688.84	5711.12	---	---
11A	Ant1	5745	16.88	5736.52	5753.40	---	---
11A	Ant1	5785	16.92	5776.52	5793.44	---	---
11A	Ant1	5825	16.92	5816.52	5833.44	---	---
11N20SISO	Ant1	5180	22.52	5169.12	5191.64	---	---
11N20SISO	Ant1	5200	21.52	5189.08	5210.60	---	---
11N20SISO	Ant1	5240	22.08	5229.56	5251.64	---	---
11N20SISO	Ant1	5260	22.08	5248.96	5271.04	---	---
11N20SISO	Ant1	5280	21.32	5269.44	5290.76	---	---
11N20SISO	Ant1	5320	22.32	5309.84	5332.16	---	---
11N20SISO	Ant1	5500	23.28	5488.84	5512.12	---	---
11N20SISO	Ant1	5580	23.24	5568.32	5591.56	---	---
11N20SISO	Ant1	5700	22.12	5688.76	5710.88	---	---
11N20SISO	Ant1	5745	18.16	5735.88	5754.04	---	---
11N20SISO	Ant1	5785	18.16	5775.88	5794.04	---	---
11N20SISO	Ant1	5825	18.16	5815.88	5834.04	---	---
11N40SISO	Ant1	5190	42.32	5168.96	5211.28	---	---
11N40SISO	Ant1	5230	41.76	5208.96	5250.72	---	---
11N40SISO	Ant1	5270	43.60	5247.84	5291.44	---	---
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11N40SISO	Ant1	5670	42.88	5649.04	5691.92	---	---
11N40SISO	Ant1	5755	37.68	5736.12	5773.80	---	---
11N40SISO	Ant1	5795	37.68	5776.12	5813.80	---	---
11AC20SISO	Ant1	5180	18.12	5170.92	5189.04	---	---
11AC20SISO	Ant1	5200	18.16	5190.88	5209.04	---	---
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11AC20SISO	Ant1	5260	18.16	5250.88	5269.04	---	---
11AC20SISO	Ant1	5280	18.16	5270.88	5289.04	---	---
11AC20SISO	Ant1	5320	18.16	5310.88	5329.04	---	---
11AC20SISO	Ant1	5500	18.16	5490.88	5509.04	---	---
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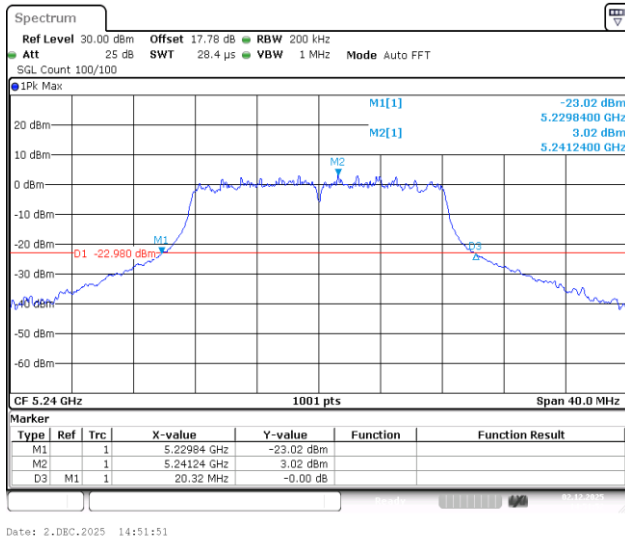
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11AC40SISO	Ant1	5670	37.68	5651.12	5688.80	---	---
11AC40SISO	Ant1	5755	44.88	5732.12	5777.00	---	---
11AC40SISO	Ant1	5795	44.64	5772.12	5816.76	---	---
11AX20SISO	Ant1	5180	19.60	5170.16	5189.76	---	---
11AX20SISO	Ant1	5200	19.60	5190.16	5209.76	---	---
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11AX20SISO	Ant1	5745	23.24	5733.04	5756.28	---	---
11AX20SISO	Ant1	5785	23.08	5773.64	5796.72	---	---
11AX20SISO	Ant1	5825	22.92	5813.60	5836.52	---	---
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11AX40SISO	Ant1	5270	39.36	5250.32	5289.68	---	---
11AX40SISO	Ant1	5310	39.44	5290.24	5329.68	---	---
11AX40SISO	Ant1	5510	39.44	5490.24	5529.68	---	---
11AX40SISO	Ant1	5550	39.44	5530.24	5569.68	---	---
11AX40SISO	Ant1	5670	39.44	5650.24	5689.68	---	---
11AX40SISO	Ant1	5755	42.96	5733.88	5776.84	---	---
11AX40SISO	Ant1	5795	41.92	5773.48	5815.40	---	---

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

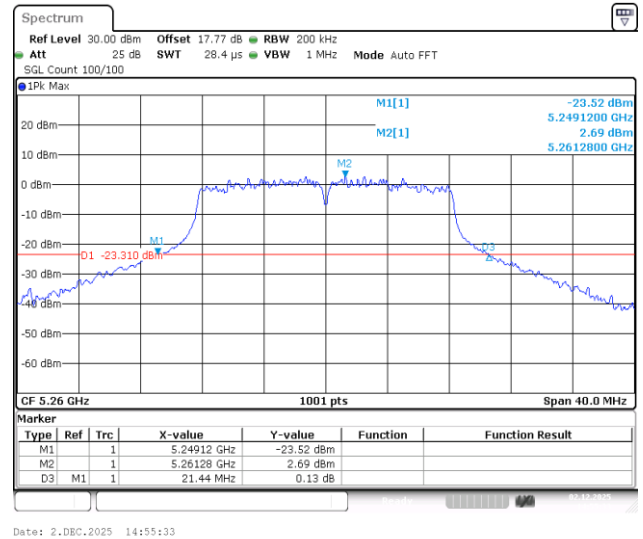
1.2 Test Graphs



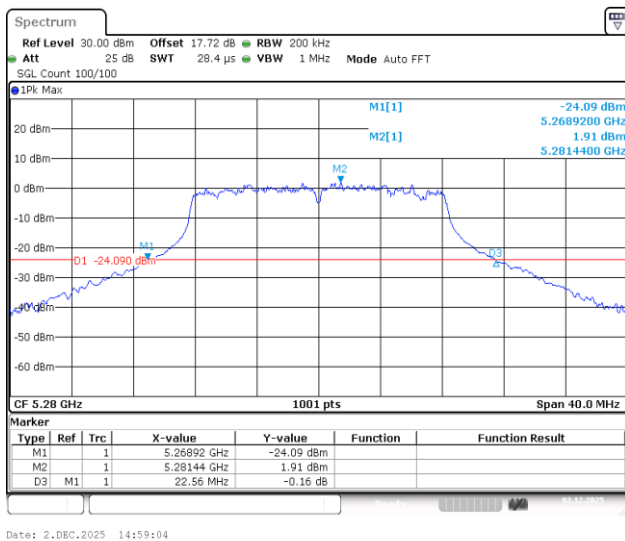
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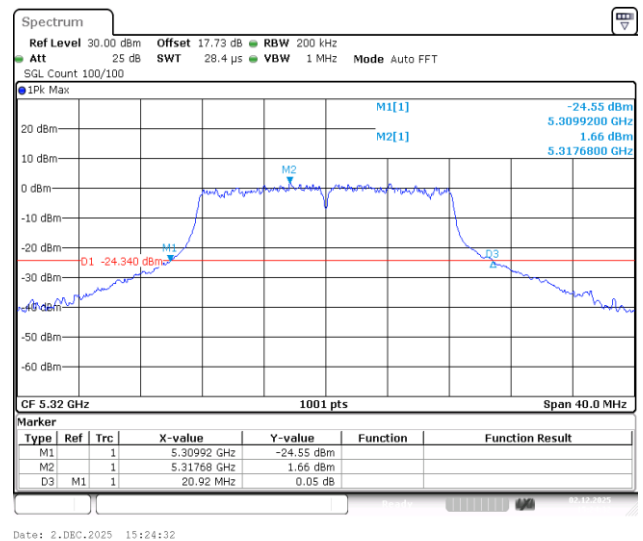
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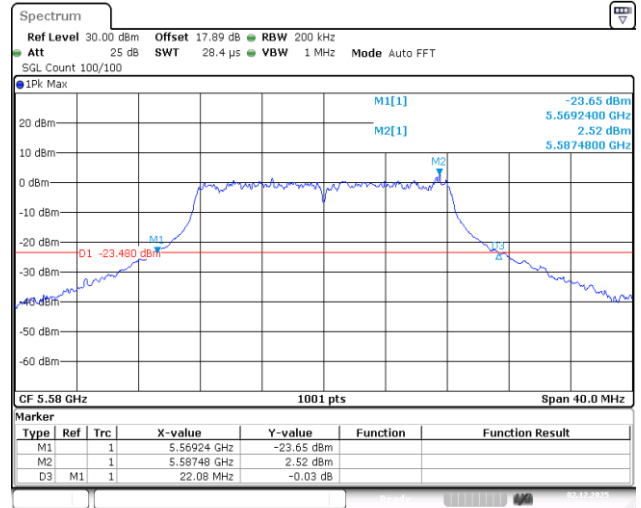
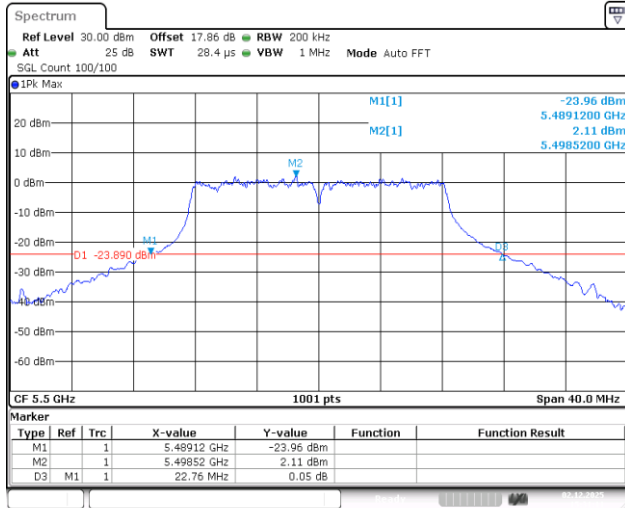


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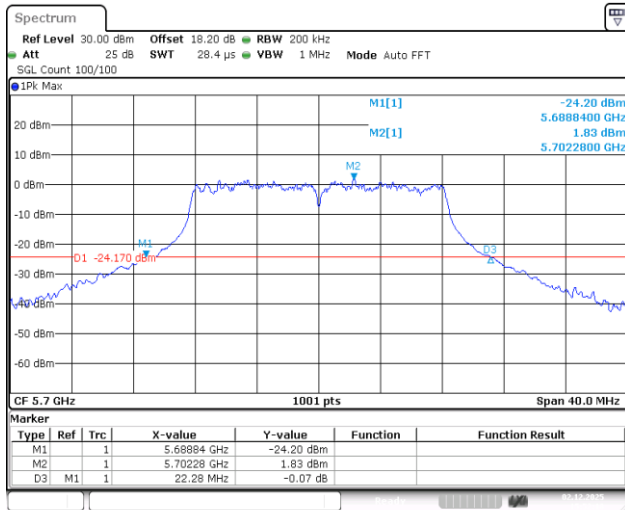


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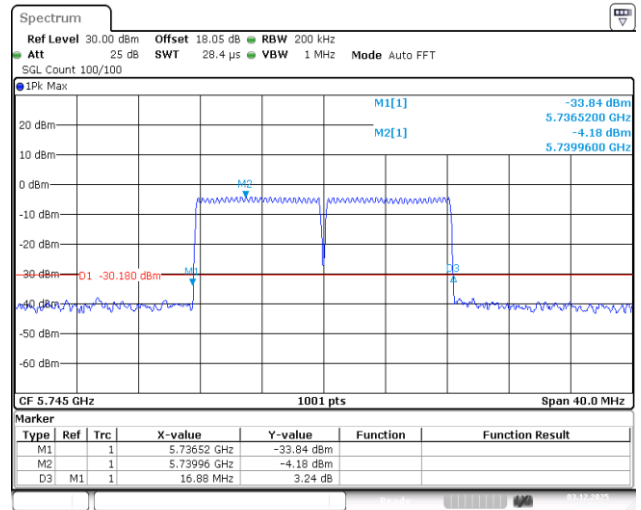
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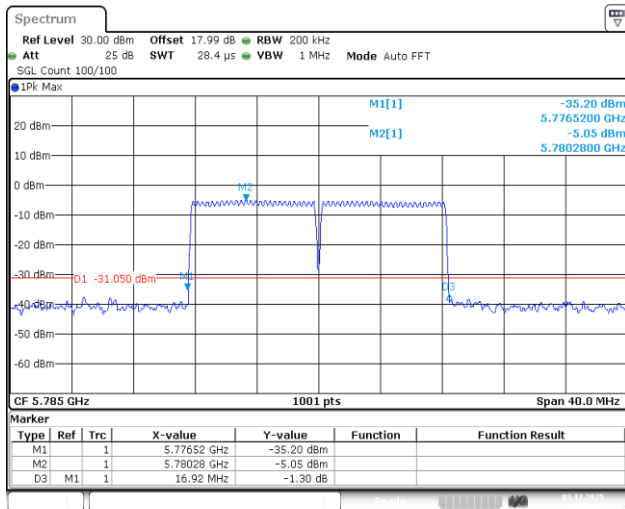
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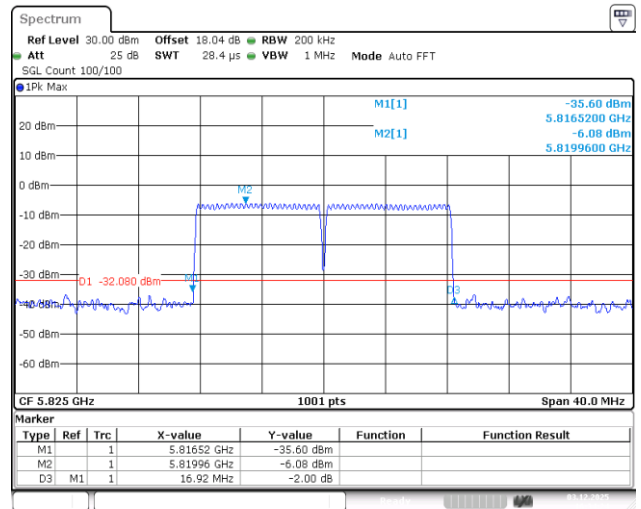
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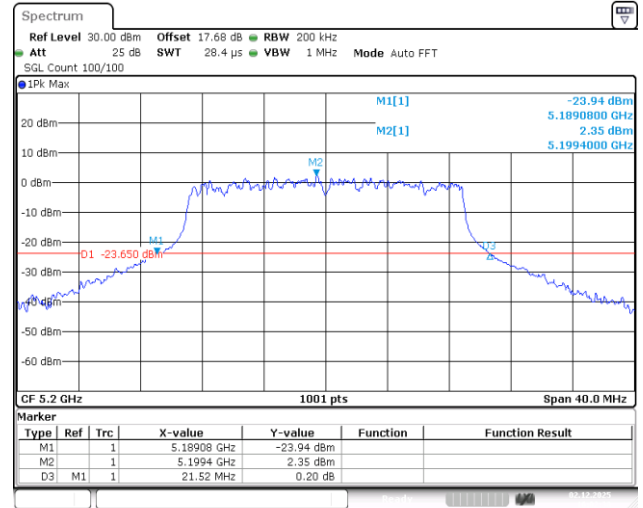
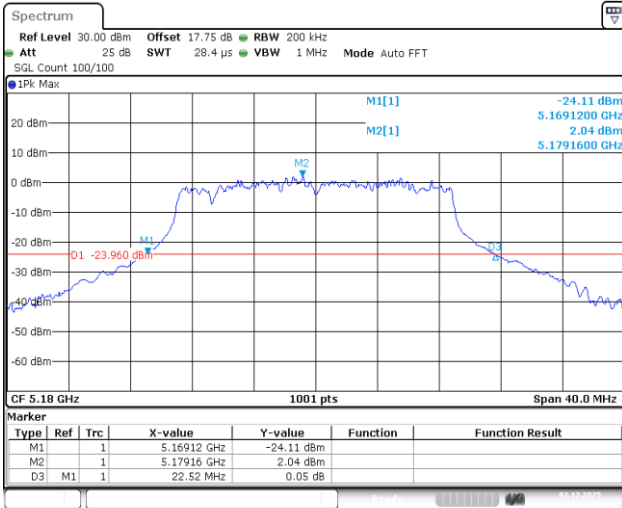


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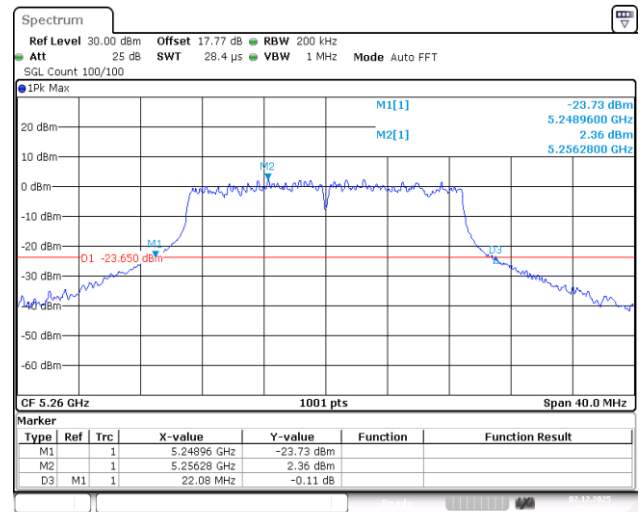
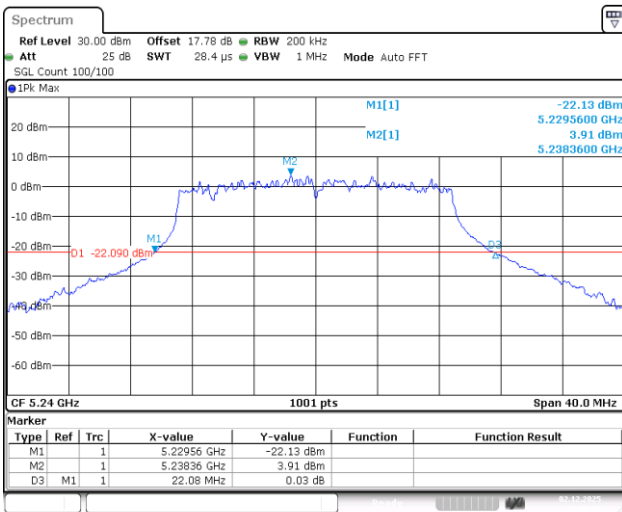
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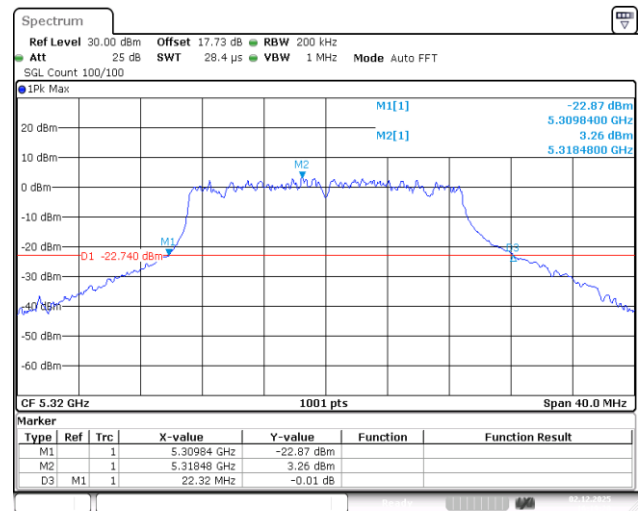
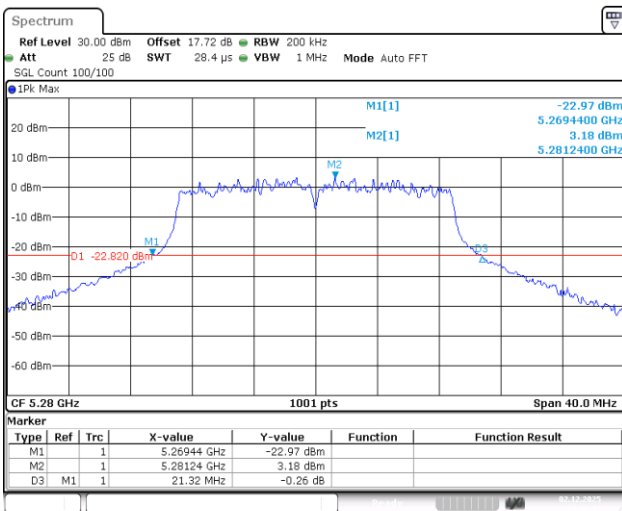
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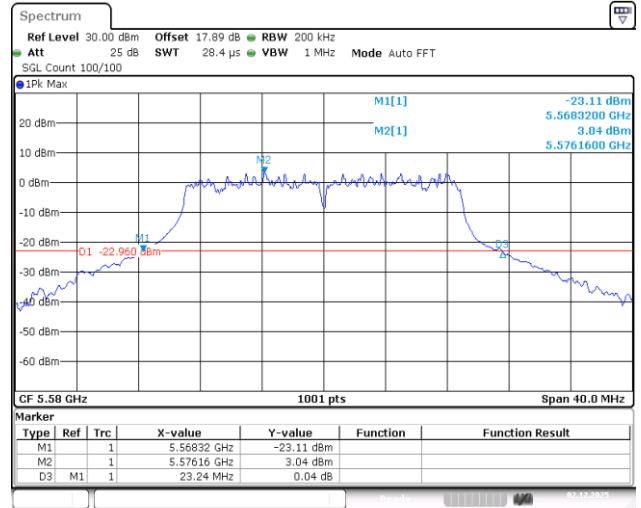
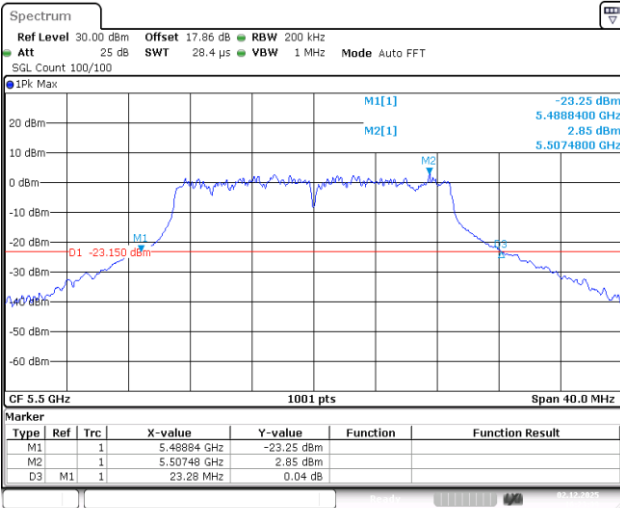
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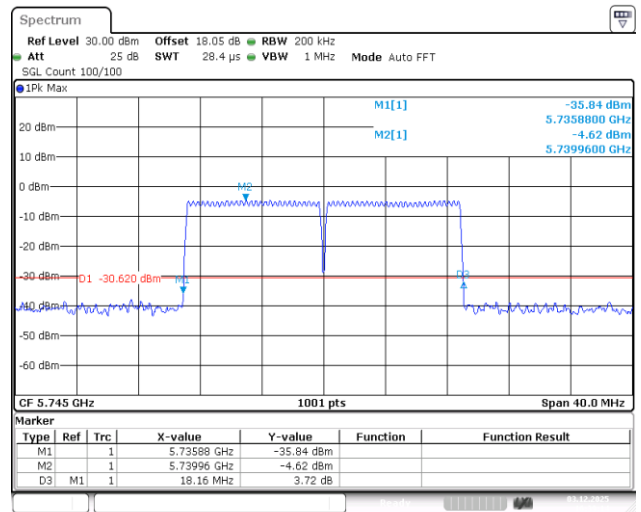
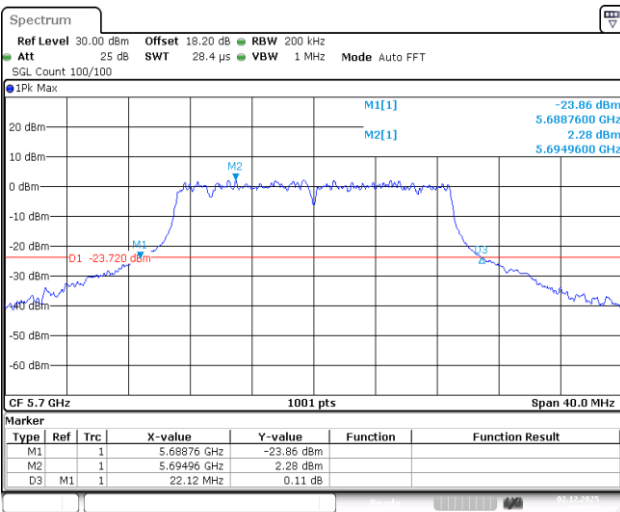
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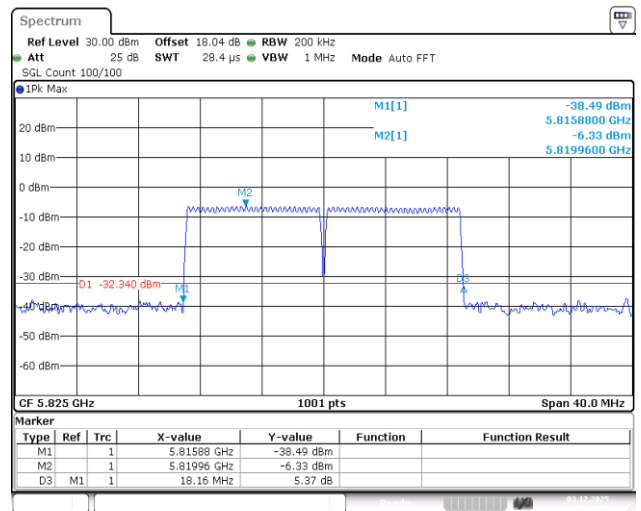
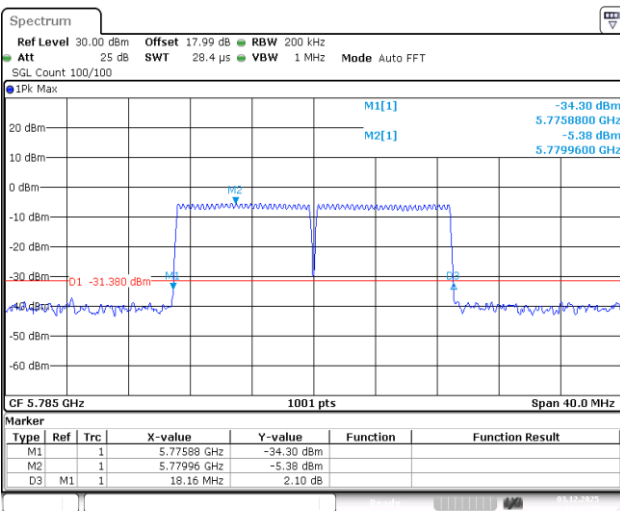
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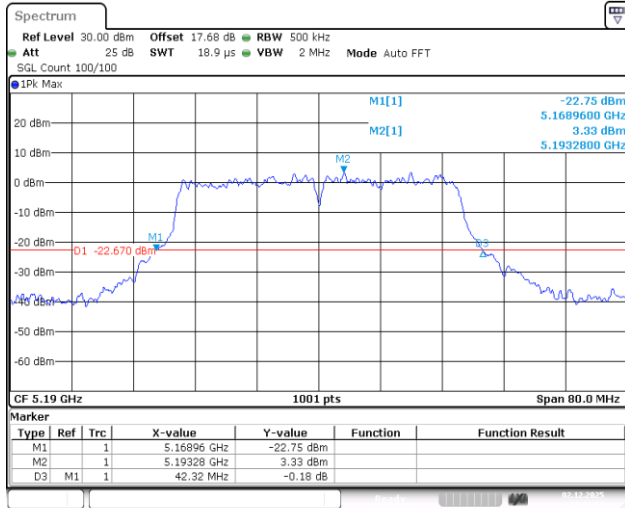
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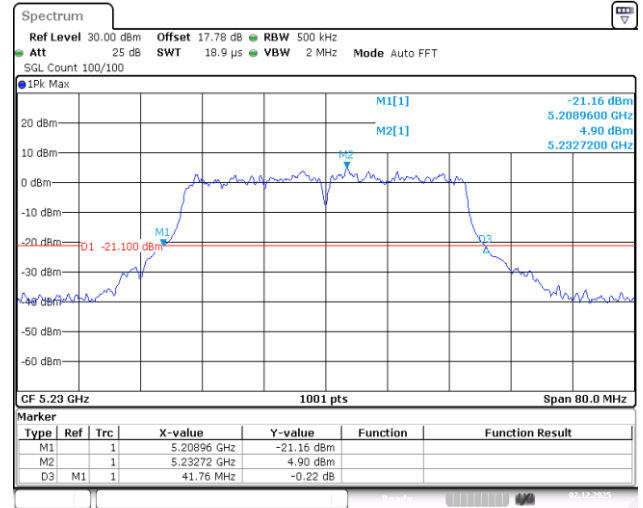


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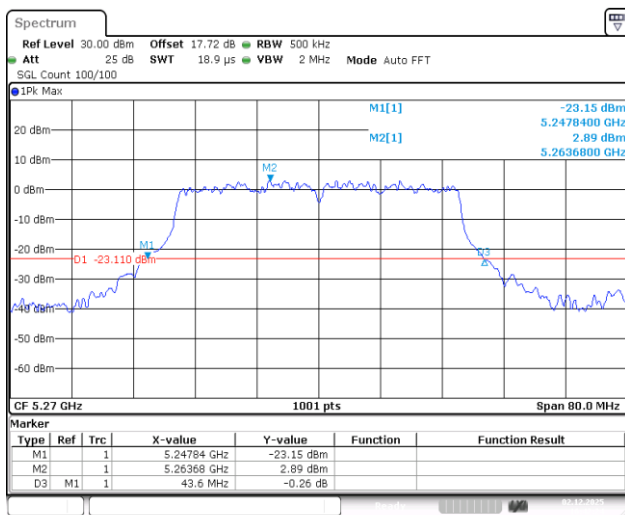
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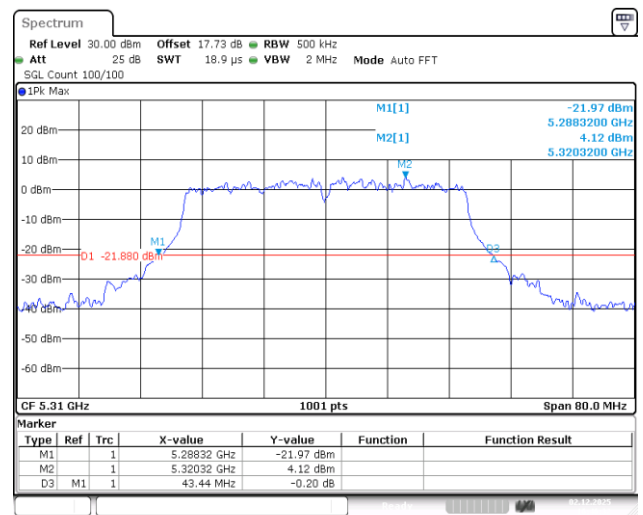
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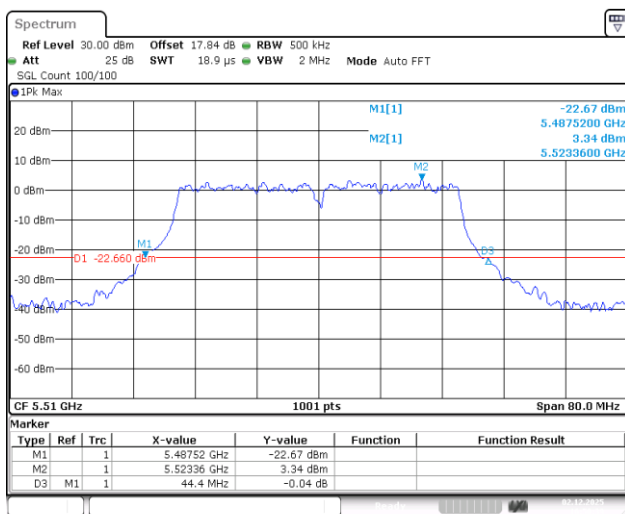
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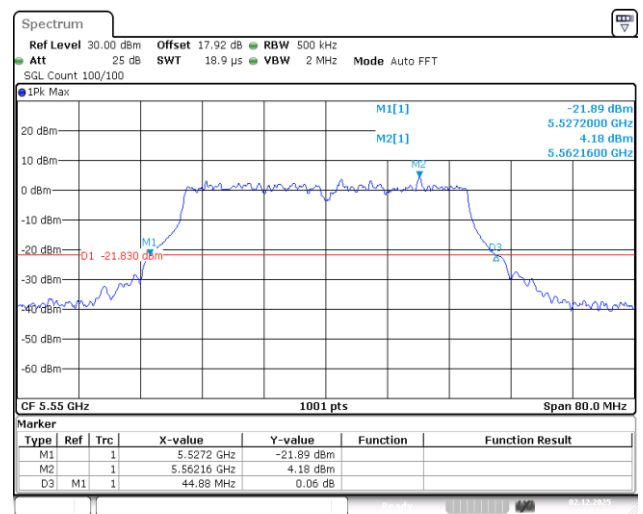
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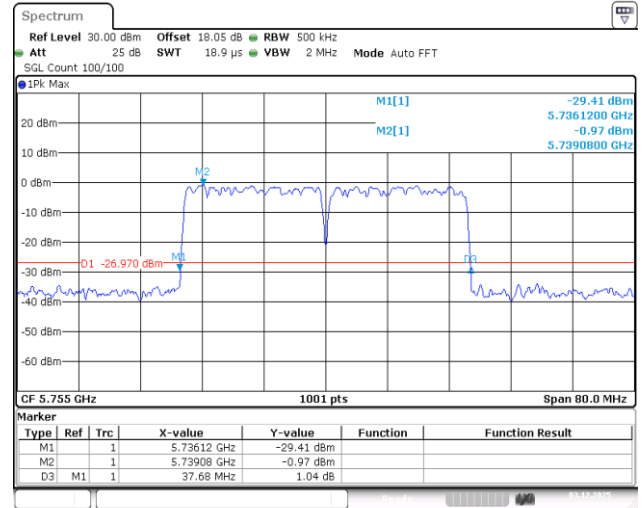
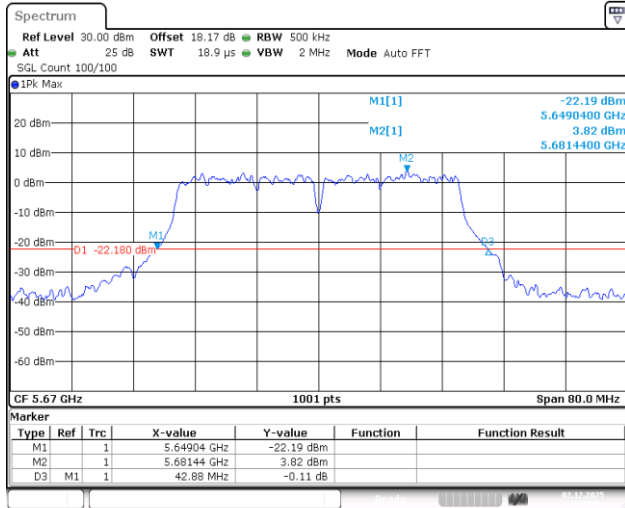
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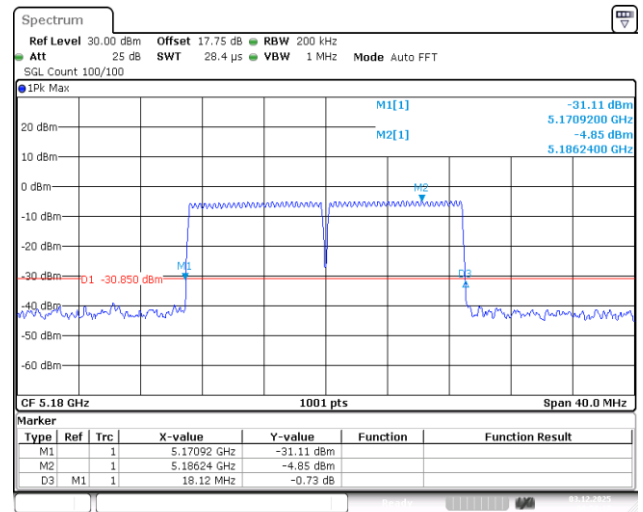
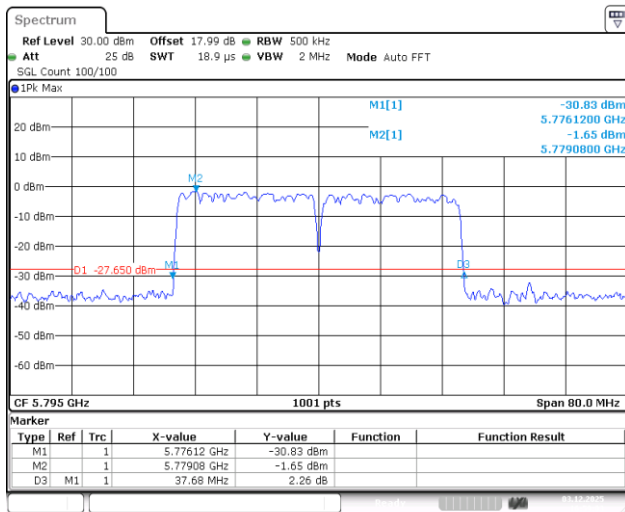
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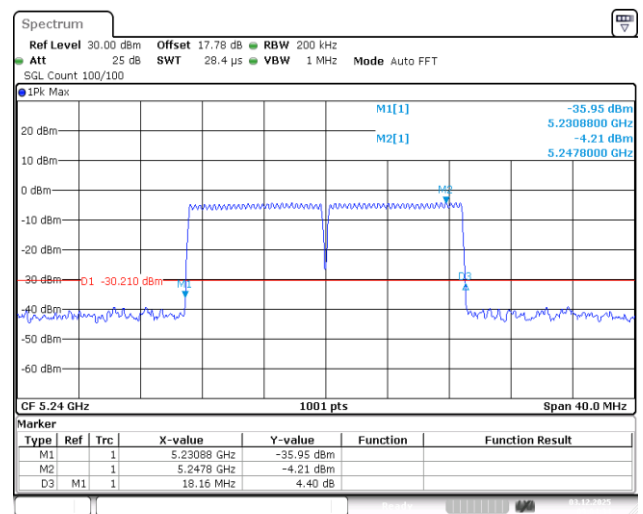
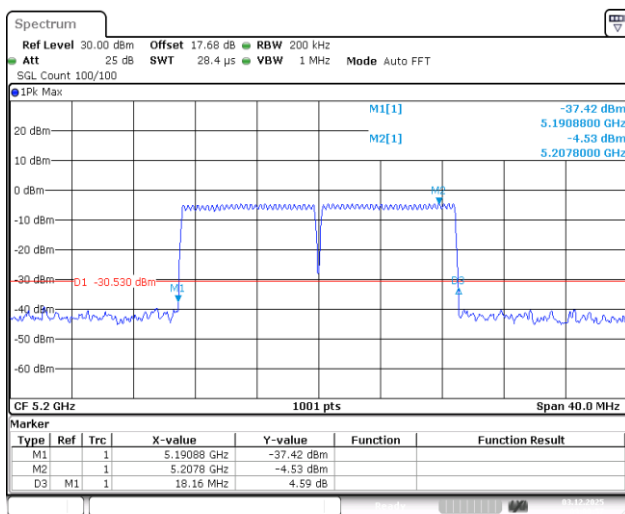
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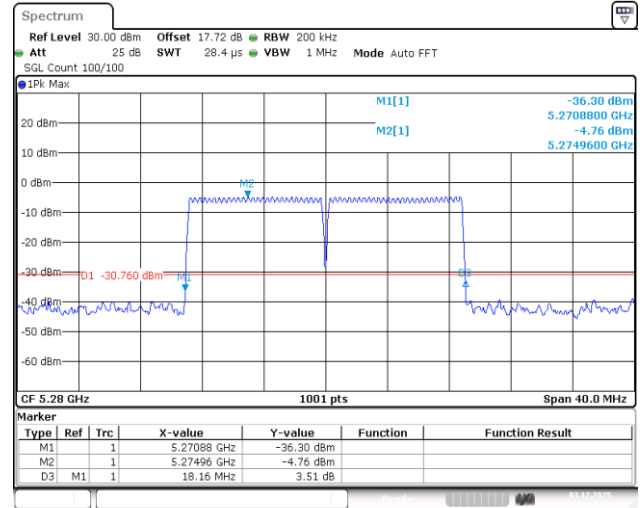
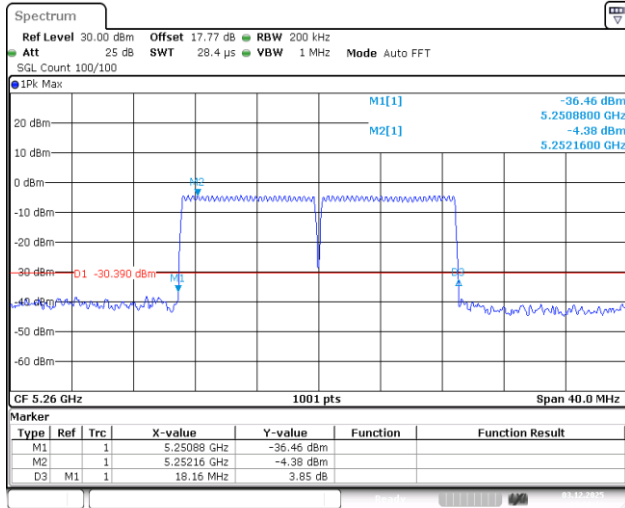


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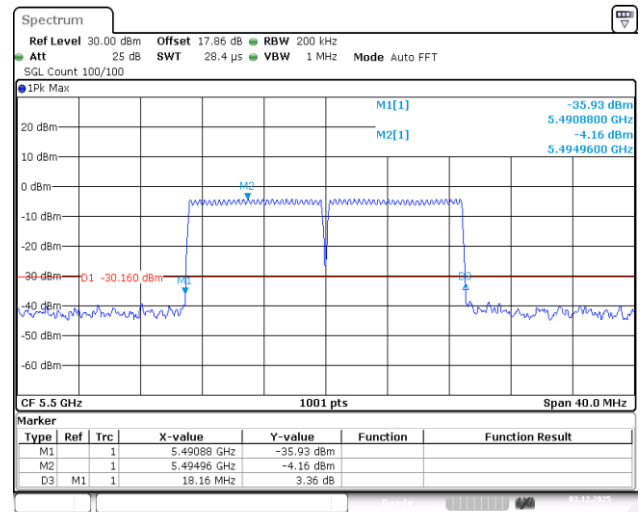
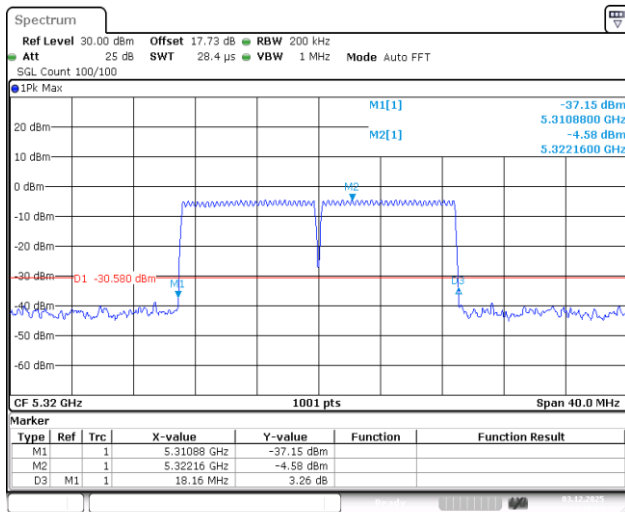
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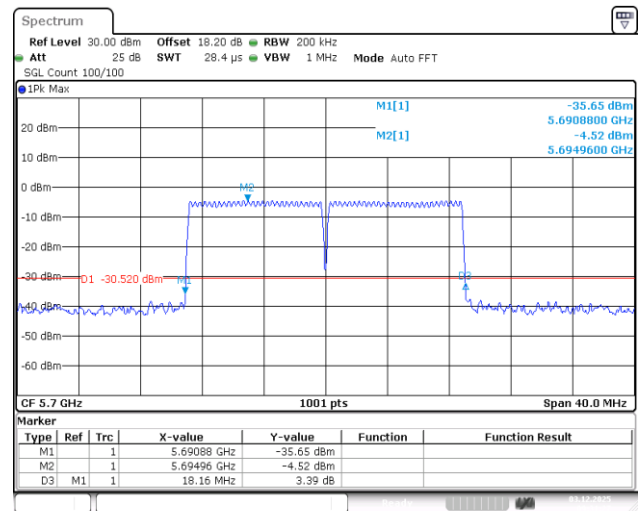
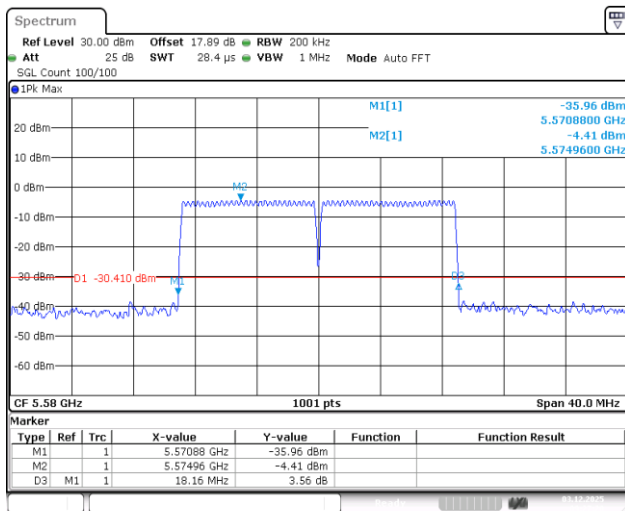
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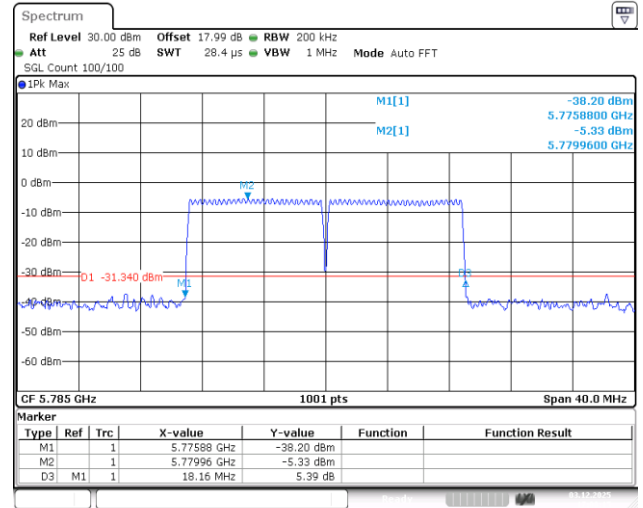
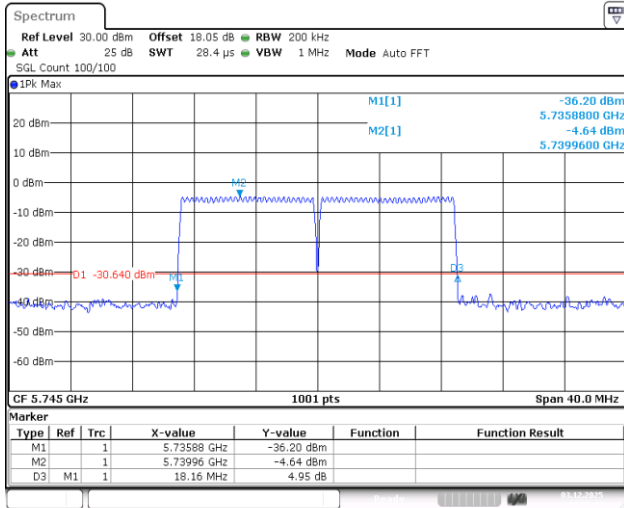
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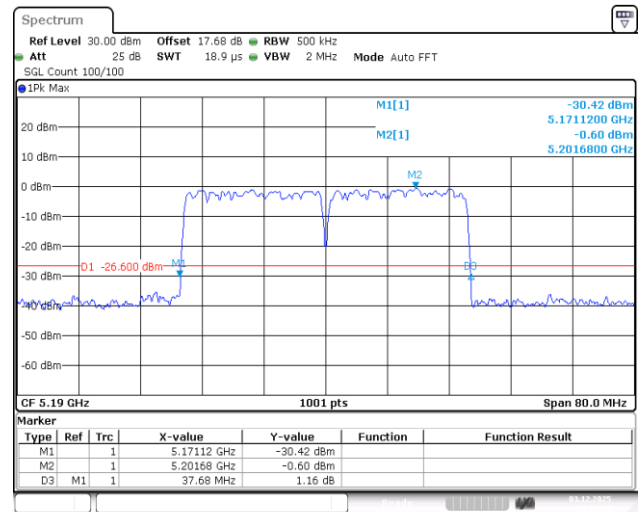
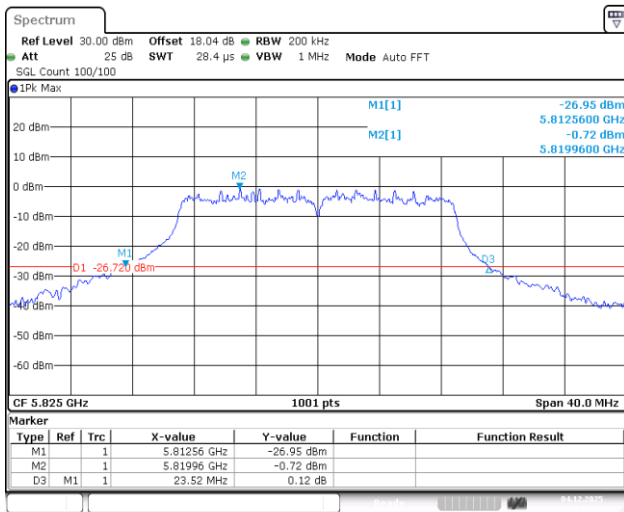
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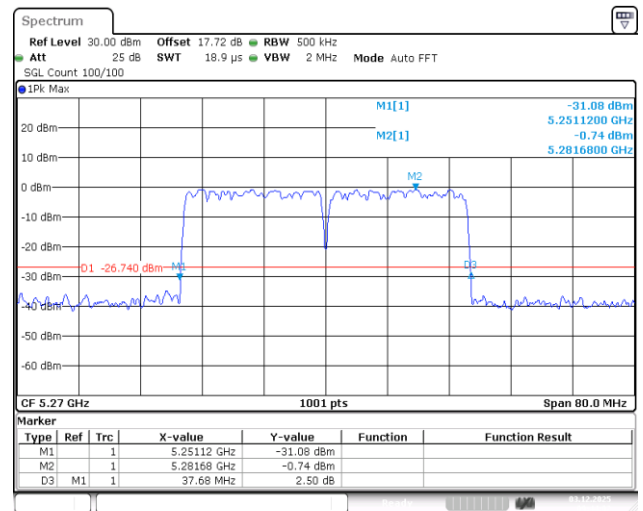
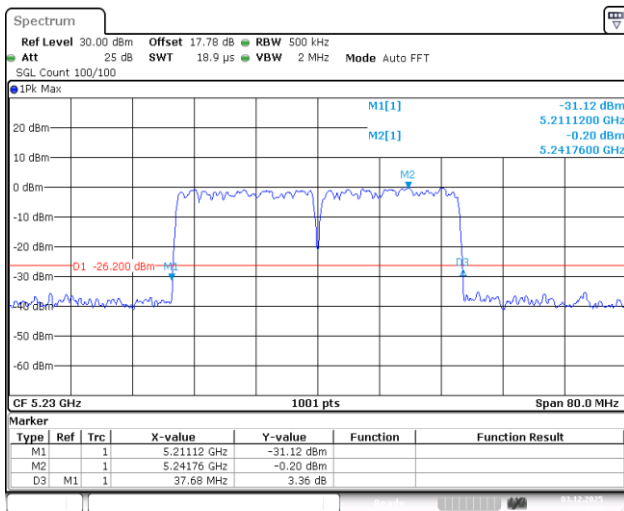
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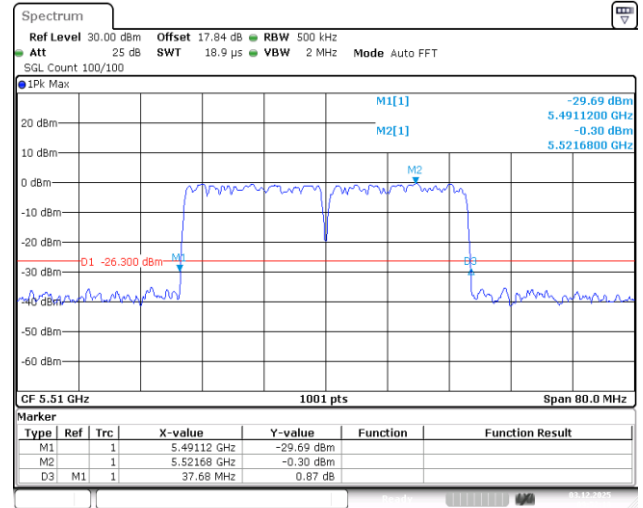
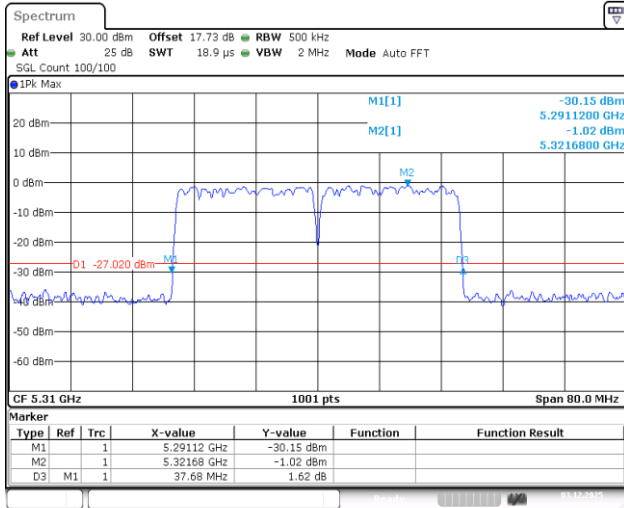
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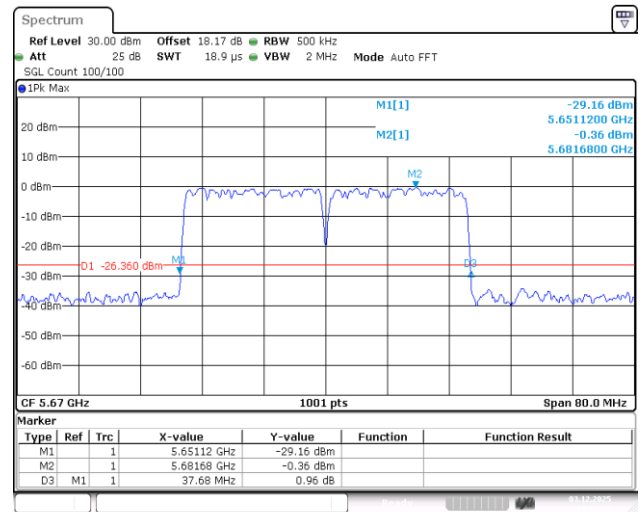
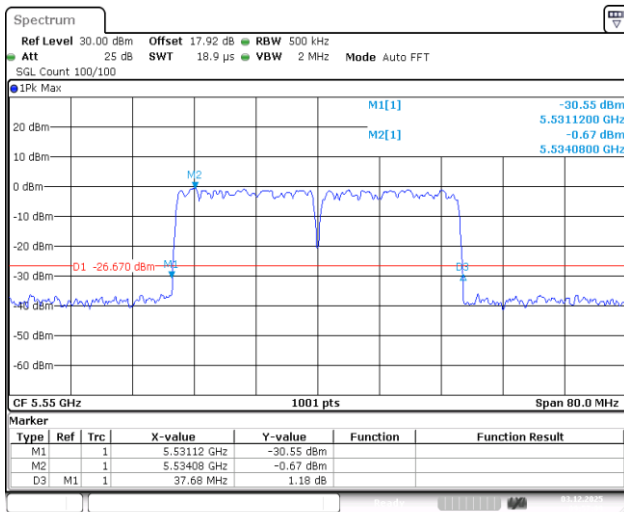
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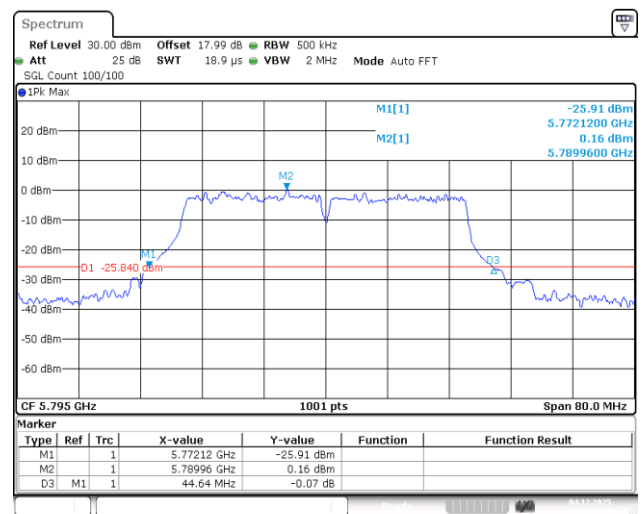
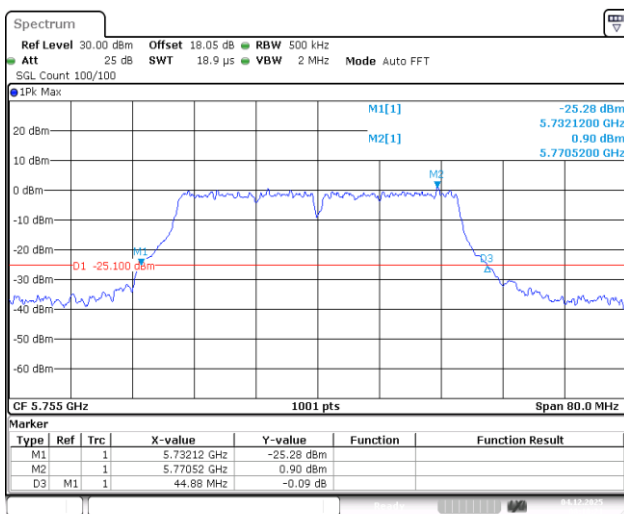
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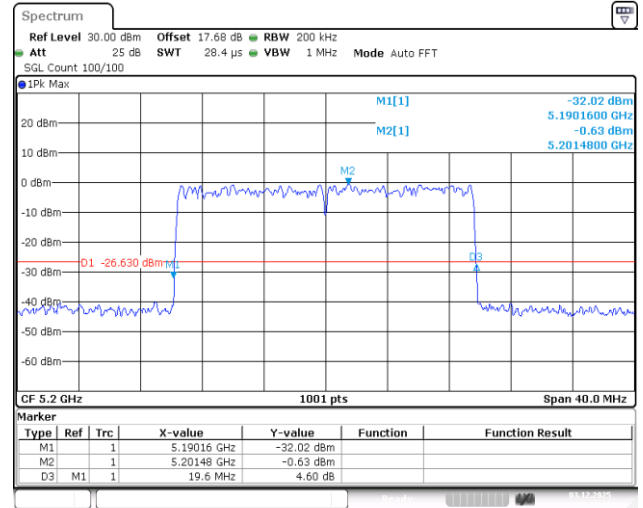
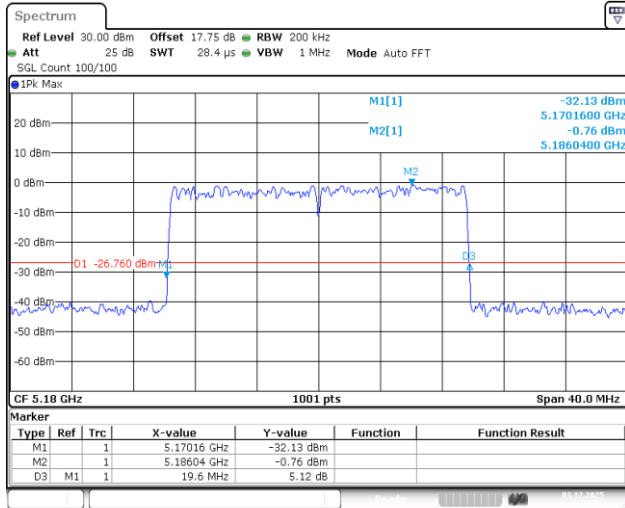
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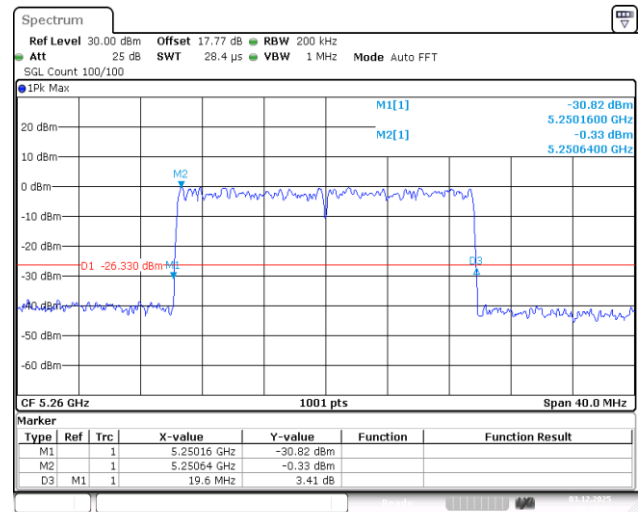
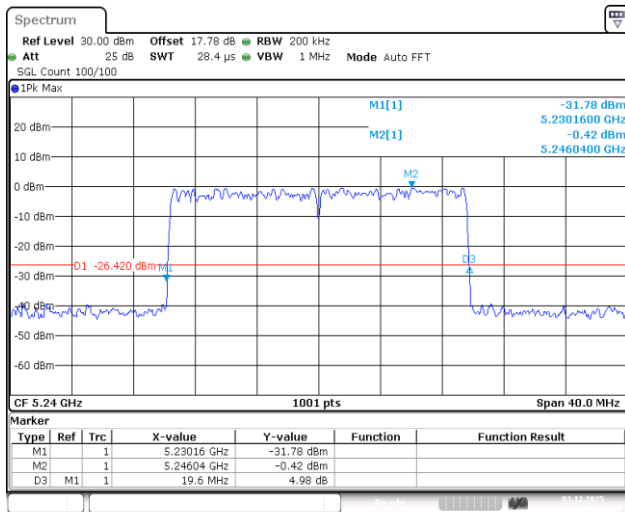
11AC40SISO-Ant1-5755

11AC40SISO-Ant1-5795



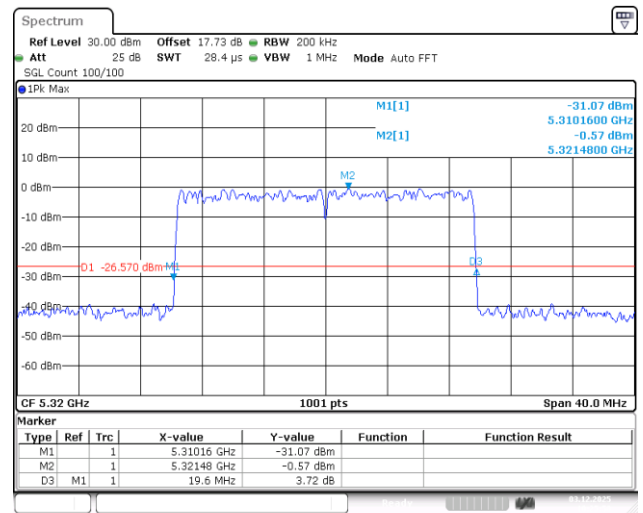
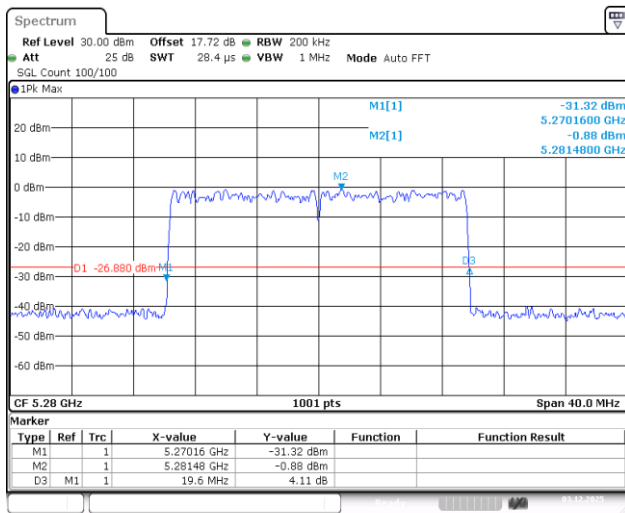
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11AX20SISO-Ant1-5200



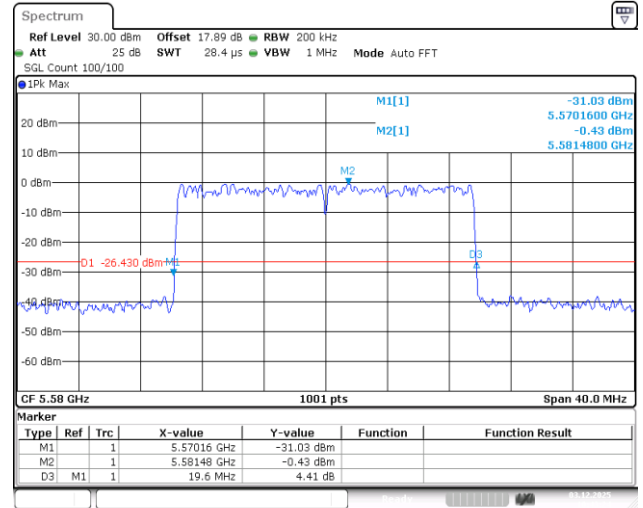
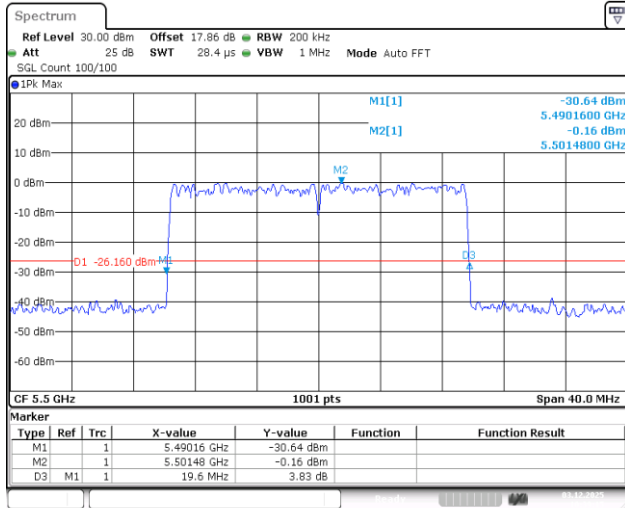
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11AX20SISO-Ant1-5260



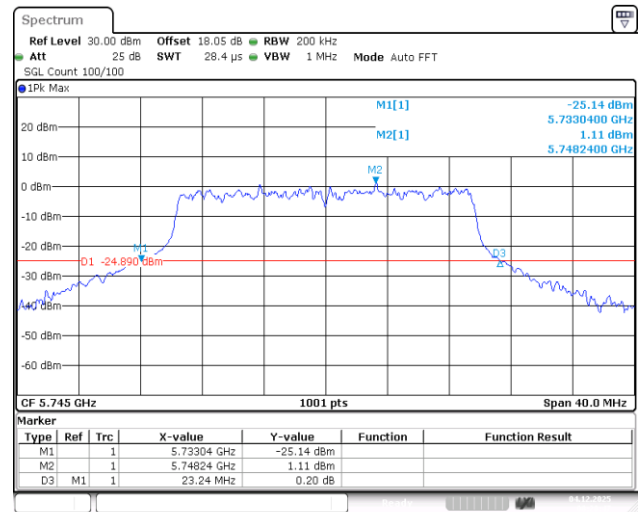
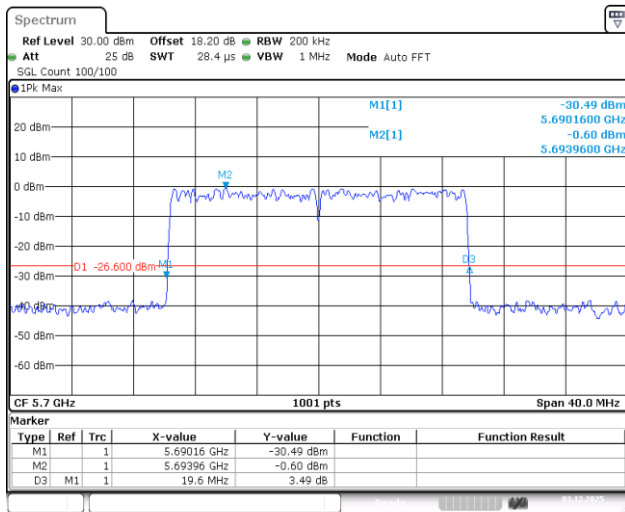
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11AX20SISO-Ant1-5320



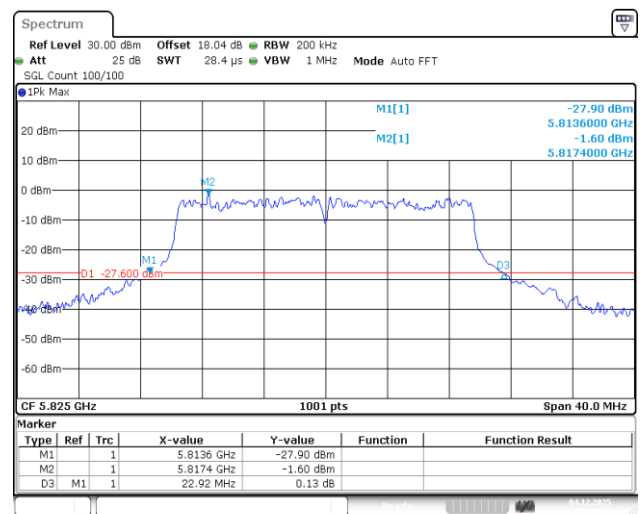
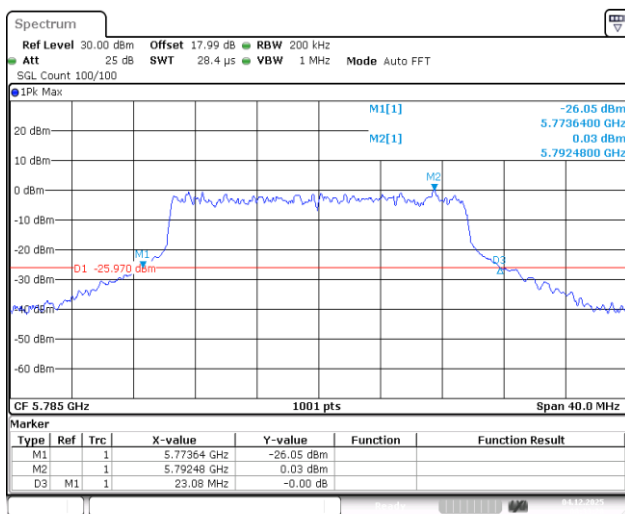
11AX20SISO-Ant1-5500

11AX20SISO-Ant1-5580



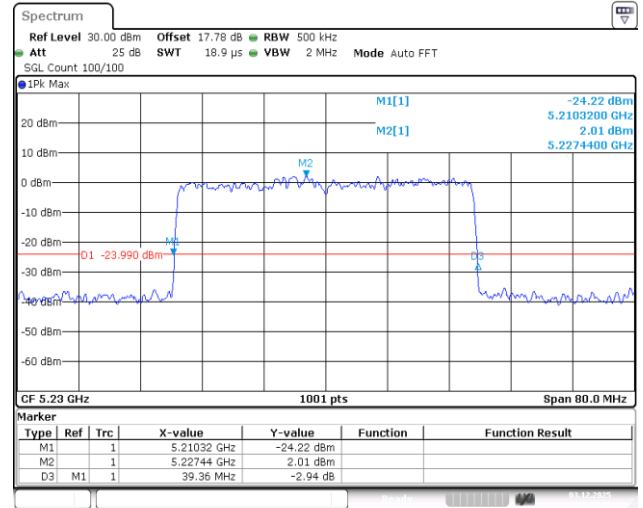
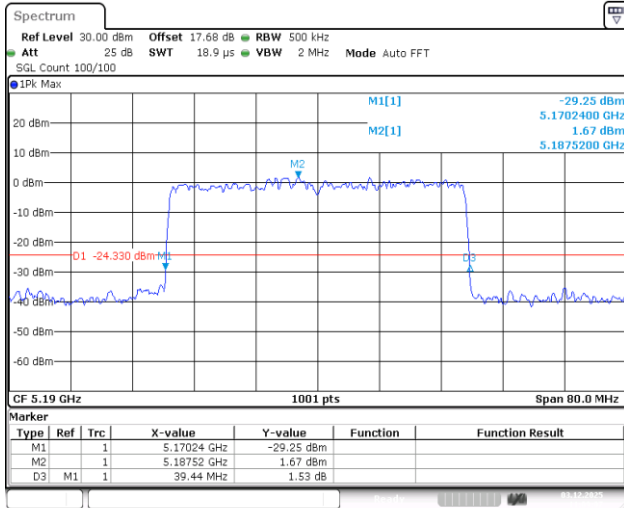
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11AX20SISO-Ant1-5745



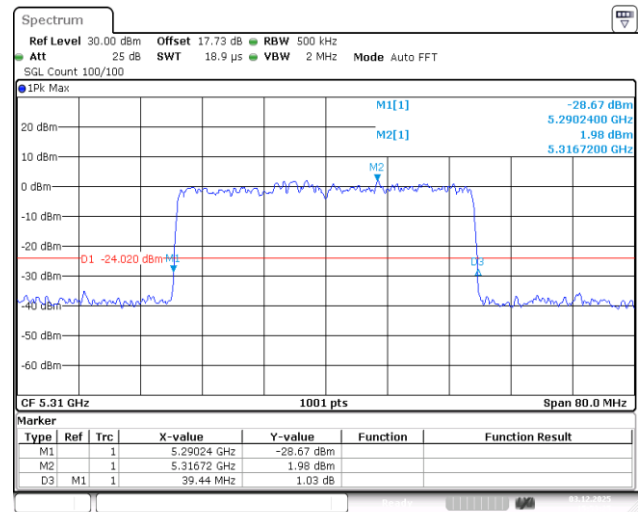
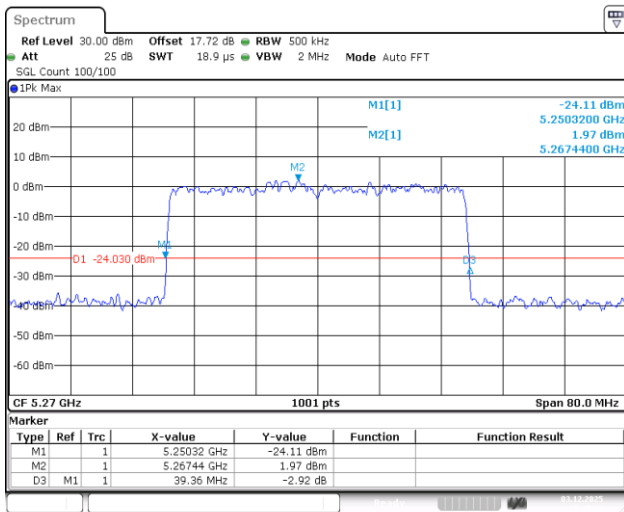
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11AX20SISO-Ant1-5825



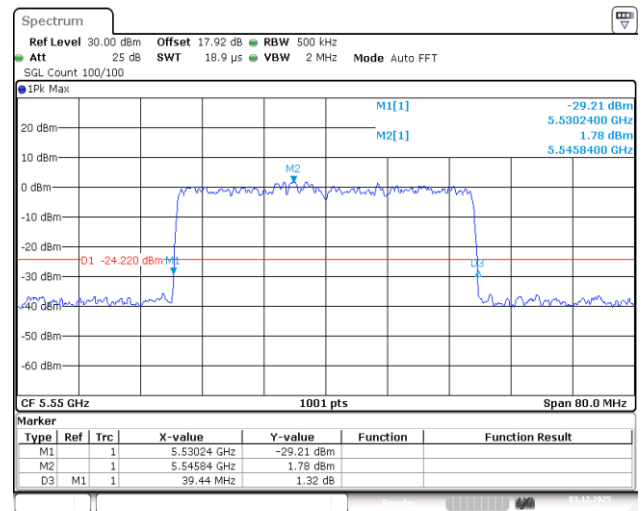
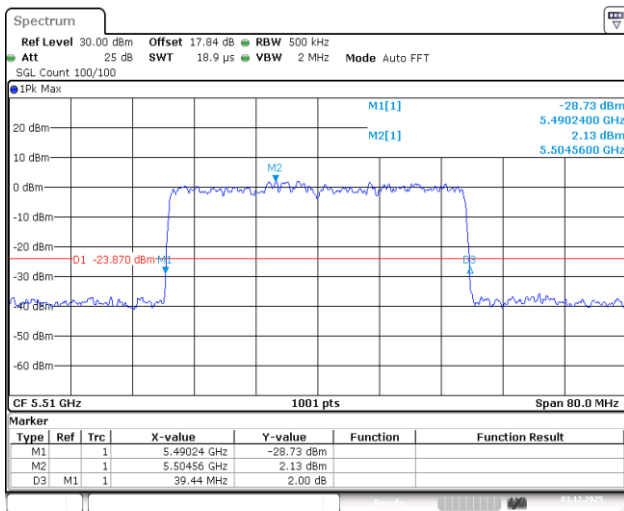
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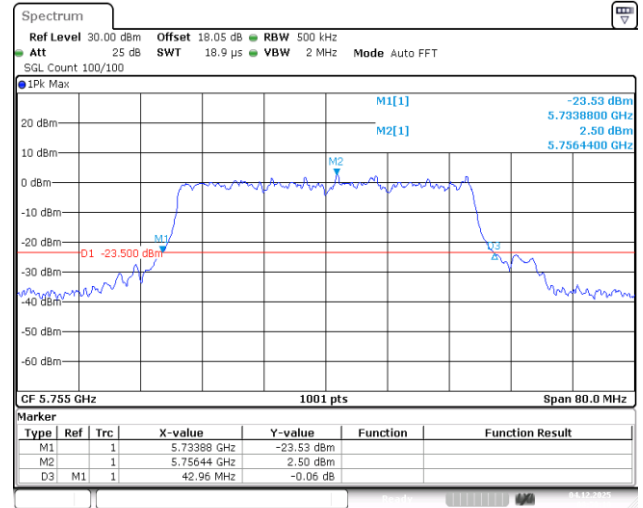
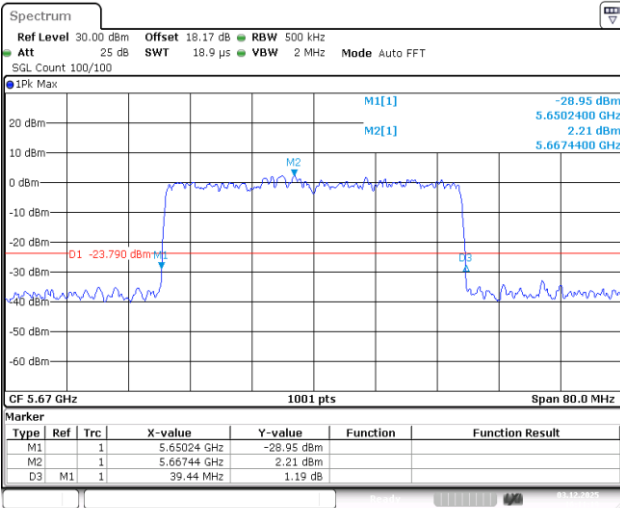
11AX40SISO-Ant1-5270

11AX40SISO-Ant1-5310



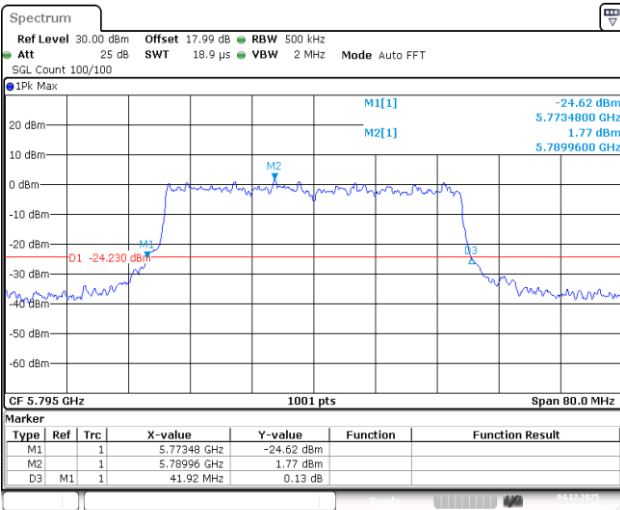
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11AX40SISO-Ant1-5550



11AX40SISO-Ant1-5670

11AX40SISO-Ant1-5755



11AX40SISO-Ant1-5795

2: Occupied channel bandwidth

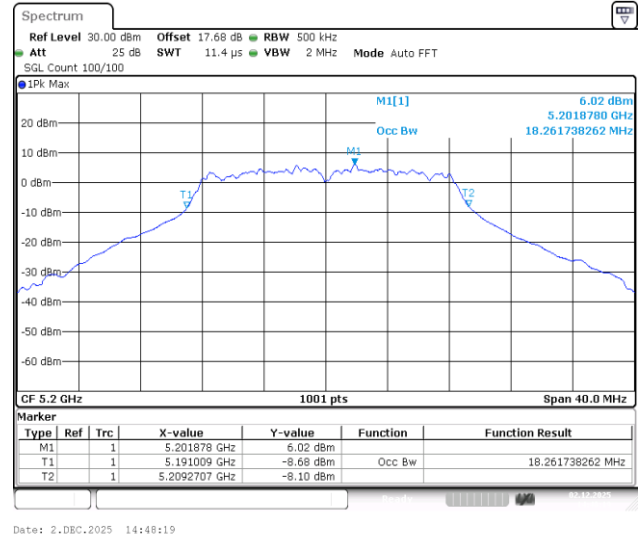
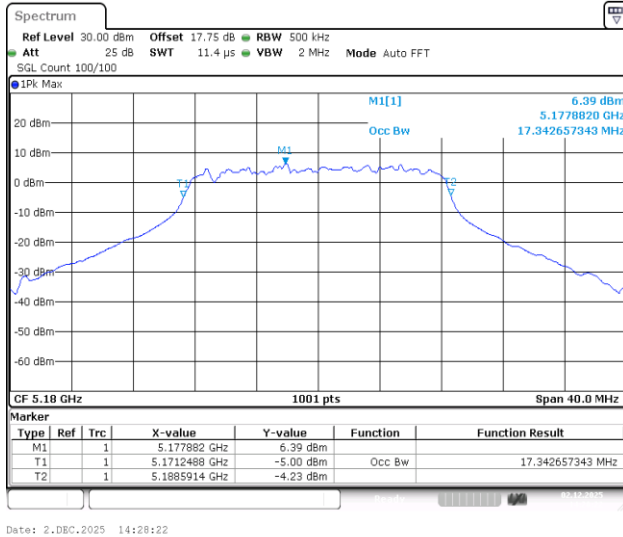
2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.343	5171.2488	5188.5914	---	---
11A	Ant1	5200	18.262	5191.0090	5209.2707	---	---
11A	Ant1	5240	17.063	5231.5684	5248.6314	---	---
11A	Ant1	5260	17.183	5251.5285	5268.7113	---	---
11A	Ant1	5280	16.983	5271.3686	5288.3516	---	---
11A	Ant1	5320	17.263	5311.4086	5328.6713	---	---
11A	Ant1	5500	17.343	5491.2488	5508.5914	---	---
11A	Ant1	5580	17.782	5570.9690	5588.7512	---	---
11A	Ant1	5700	18.182	5691.1289	5709.3107	---	---
11A	Ant1	5745	16.424	5736.7682	5753.1918	---	---
11A	Ant1	5785	16.424	5776.7682	5793.1918	---	---
11A	Ant1	5825	16.424	5816.7682	5833.1918	---	---
11N20SISO	Ant1	5180	18.222	5170.8092	5189.0310	---	---
11N20SISO	Ant1	5200	18.142	5191.0090	5209.1508	---	---
11N20SISO	Ant1	5240	18.142	5230.9291	5249.0709	---	---
11N20SISO	Ant1	5260	18.222	5250.7293	5268.9510	---	---
11N20SISO	Ant1	5280	17.902	5270.9690	5288.8711	---	---
11N20SISO	Ant1	5320	18.901	5310.7293	5329.6304	---	---
11N20SISO	Ant1	5500	19.061	5490.3696	5509.4306	---	---
11N20SISO	Ant1	5580	18.422	5570.8492	5589.2707	---	---
11N20SISO	Ant1	5700	18.422	5690.8492	5709.2707	---	---
11N20SISO	Ant1	5745	17.662	5736.1289	5753.7912	---	---
11N20SISO	Ant1	5785	17.662	5776.1289	5793.7912	---	---
11N20SISO	Ant1	5825	17.662	5816.1289	5833.7912	---	---
11N40SISO	Ant1	5190	36.364	5171.7782	5208.1419	---	---
11N40SISO	Ant1	5230	36.603	5211.6983	5248.3017	---	---
11N40SISO	Ant1	5270	36.284	5251.9381	5288.2218	---	---
11N40SISO	Ant1	5310	37.163	5291.4585	5328.6214	---	---
11N40SISO	Ant1	5510	37.403	5491.4585	5528.8611	---	---
11N40SISO	Ant1	5550	37.003	5531.3786	5568.3816	---	---
11N40SISO	Ant1	5670	36.603	5651.7782	5688.3816	---	---
11N40SISO	Ant1	5755	36.204	5736.7782	5772.9820	---	---
11N40SISO	Ant1	5795	36.284	5776.6983	5812.9820	---	---
11AC20SISO	Ant1	5180	17.622	5171.1688	5188.7912	---	---
11AC20SISO	Ant1	5200	17.622	5191.1688	5208.7912	---	---
11AC20SISO	Ant1	5240	17.622	5231.1688	5248.7912	---	---
11AC20SISO	Ant1	5260	17.662	5251.1289	5268.7912	---	---
11AC20SISO	Ant1	5280	17.662	5271.1289	5288.7912	---	---
11AC20SISO	Ant1	5320	17.622	5311.1688	5328.7912	---	---
11AC20SISO	Ant1	5500	17.662	5491.1289	5508.7912	---	---
11AC20SISO	Ant1	5580	17.662	5571.1289	5588.7912	---	---
11AC20SISO	Ant1	5700	17.662	5691.1289	5708.7912	---	---

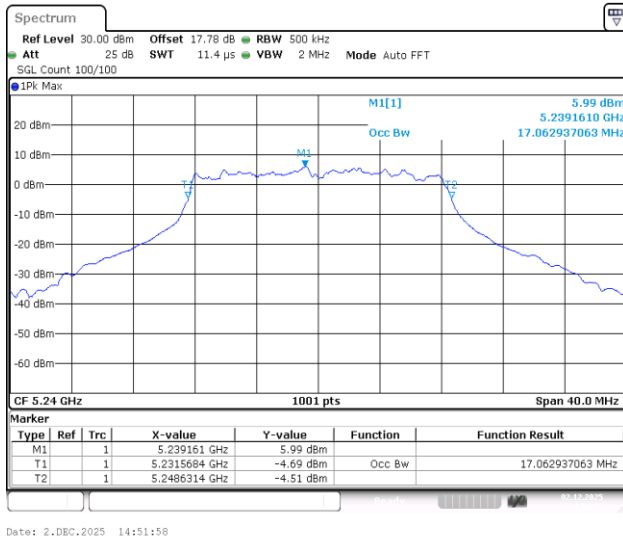
11AC20SISO	Ant1	5745	17.662	5736.1289	5753.7912	---	---
11AC20SISO	Ant1	5785	17.662	5776.1289	5793.7912	---	---
11AC20SISO	Ant1	5825	19.780	5814.6104	5834.3906	---	---
11AC40SISO	Ant1	5190	36.284	5171.7782	5208.0619	---	---
11AC40SISO	Ant1	5230	36.284	5211.7782	5248.0619	---	---
11AC40SISO	Ant1	5270	36.204	5251.7782	5287.9820	---	---
11AC40SISO	Ant1	5310	36.284	5291.7782	5328.0619	---	---
11AC40SISO	Ant1	5510	36.284	5491.7782	5528.0619	---	---
11AC40SISO	Ant1	5550	36.204	5531.7782	5567.9820	---	---
11AC40SISO	Ant1	5670	36.284	5651.7782	5688.0619	---	---
11AC40SISO	Ant1	5755	36.843	5736.6184	5773.4615	---	---
11AC40SISO	Ant1	5795	37.722	5776.3786	5814.1009	---	---
11AX20SISO	Ant1	5180	19.101	5170.4496	5189.5504	---	---
11AX20SISO	Ant1	5200	19.141	5190.4096	5209.5504	---	---
11AX20SISO	Ant1	5240	19.141	5230.4096	5249.5504	---	---
11AX20SISO	Ant1	5260	19.141	5250.4096	5269.5504	---	---
11AX20SISO	Ant1	5280	19.141	5270.4096	5289.5504	---	---
11AX20SISO	Ant1	5320	19.141	5310.4096	5329.5504	---	---
11AX20SISO	Ant1	5500	19.141	5490.4096	5509.5504	---	---
11AX20SISO	Ant1	5580	19.141	5570.4096	5589.5504	---	---
11AX20SISO	Ant1	5700	19.141	5690.4096	5709.5504	---	---
11AX20SISO	Ant1	5745	19.740	5734.9301	5754.6703	---	---
11AX20SISO	Ant1	5785	19.421	5775.3297	5794.7502	---	---
11AX20SISO	Ant1	5825	19.141	5815.3696	5834.5105	---	---
11AX40SISO	Ant1	5190	37.882	5171.0589	5208.9411	---	---
11AX40SISO	Ant1	5230	37.882	5211.0589	5248.9411	---	---
11AX40SISO	Ant1	5270	37.802	5251.0589	5288.8611	---	---
11AX40SISO	Ant1	5310	37.882	5291.0589	5328.9411	---	---
11AX40SISO	Ant1	5510	37.802	5491.0589	5528.8611	---	---
11AX40SISO	Ant1	5550	37.802	5531.0589	5568.8611	---	---
11AX40SISO	Ant1	5670	37.802	5651.0589	5688.8611	---	---
11AX40SISO	Ant1	5755	38.202	5735.8192	5774.0210	---	---
11AX40SISO	Ant1	5795	38.362	5775.7393	5814.1009	---	---

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

2.2 Test Graphs



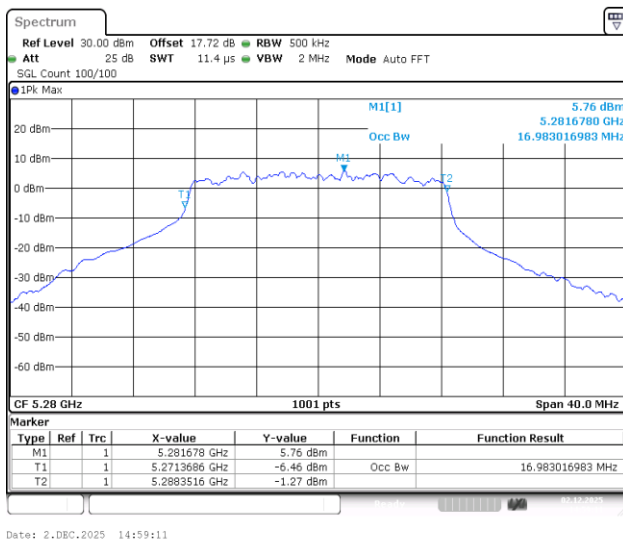
11A-Ant1-5180



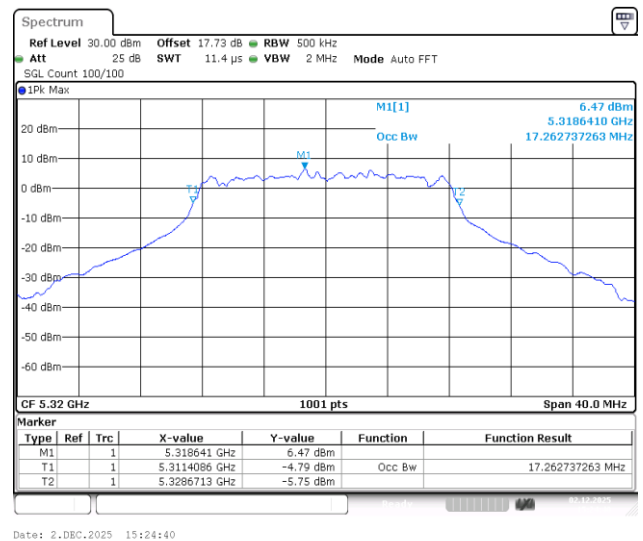
11A-Ant1-5200



11A-Ant1-5240

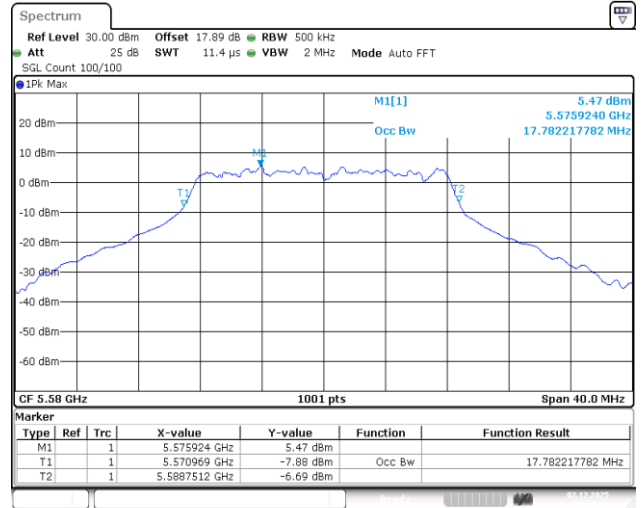
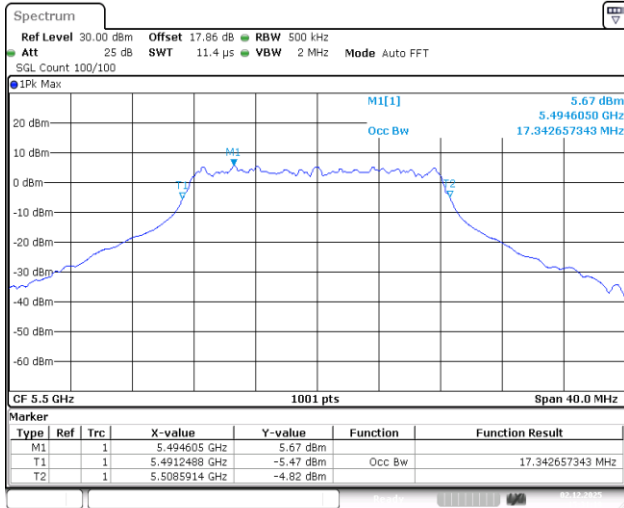


11A-Ant1-5260



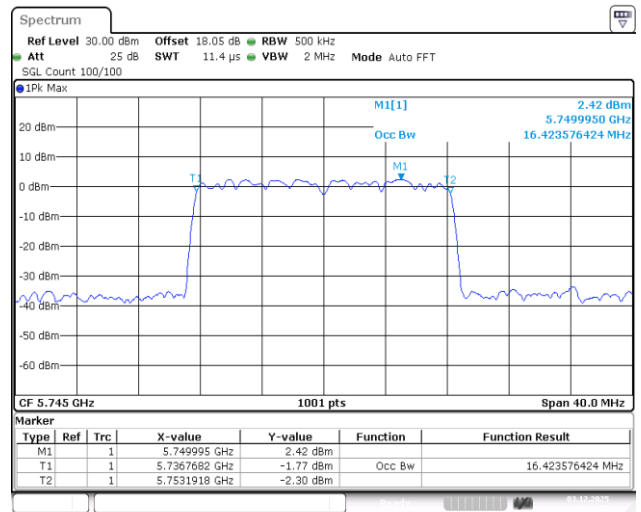
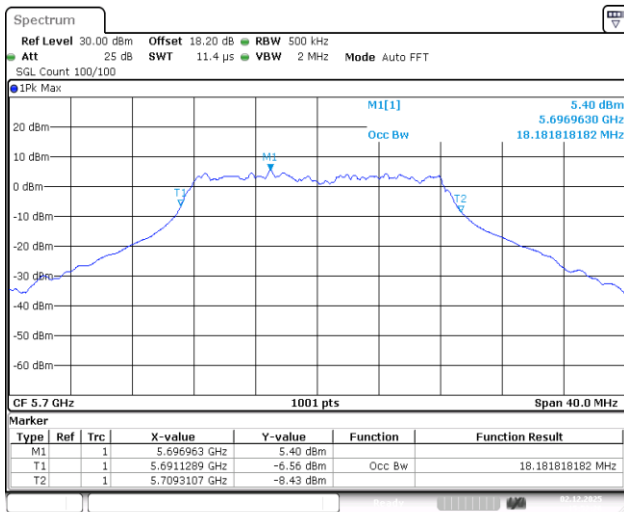
11A-Ant1-5280

11A-Ant1-5320



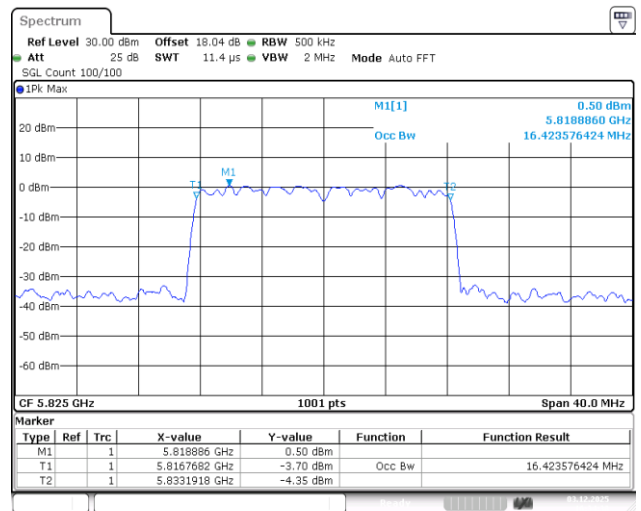
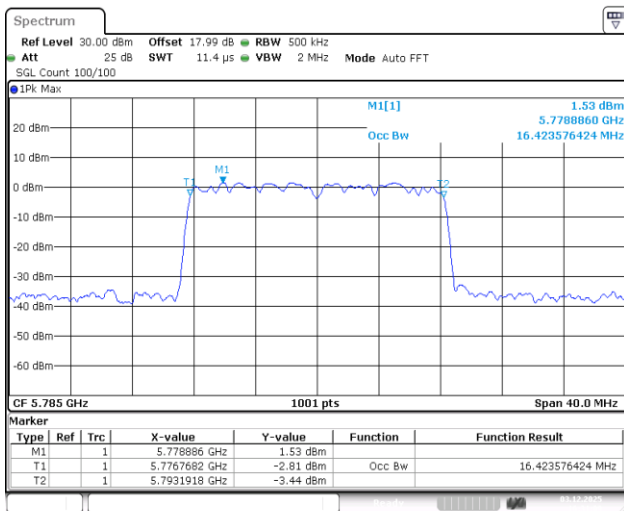
11A-Ant1-5500

11A-Ant1-5580



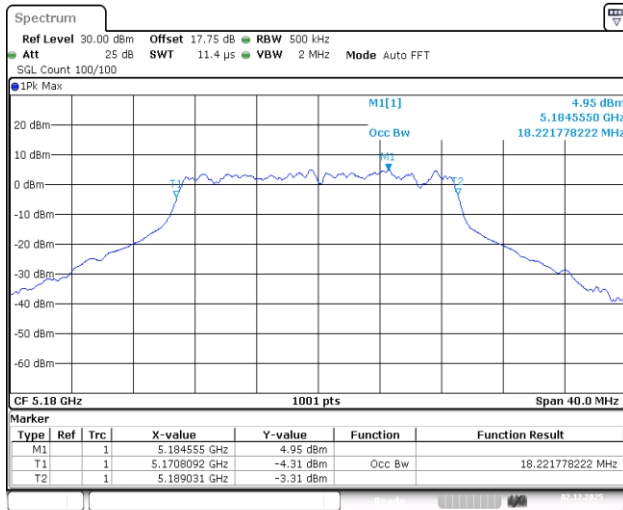
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11A-Ant1-5745

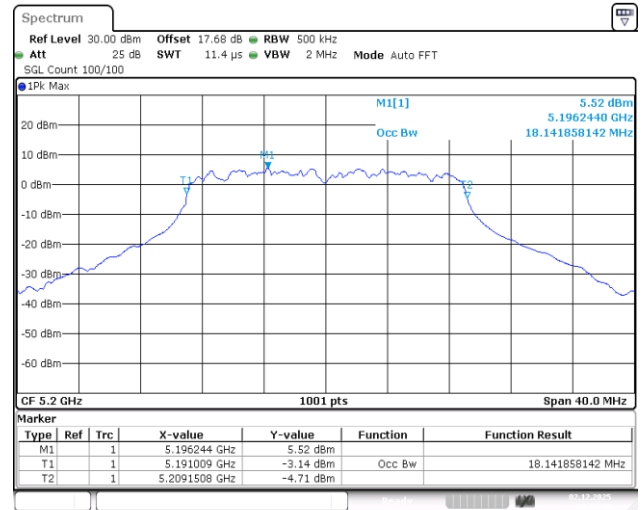


11A-Ant1-5785

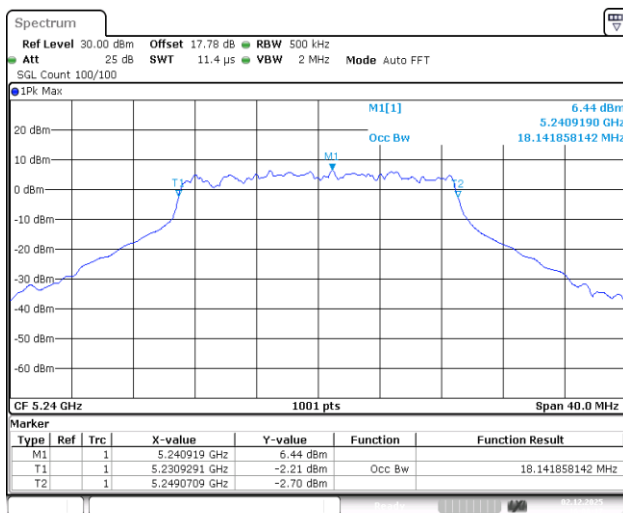
11A-Ant1-5825



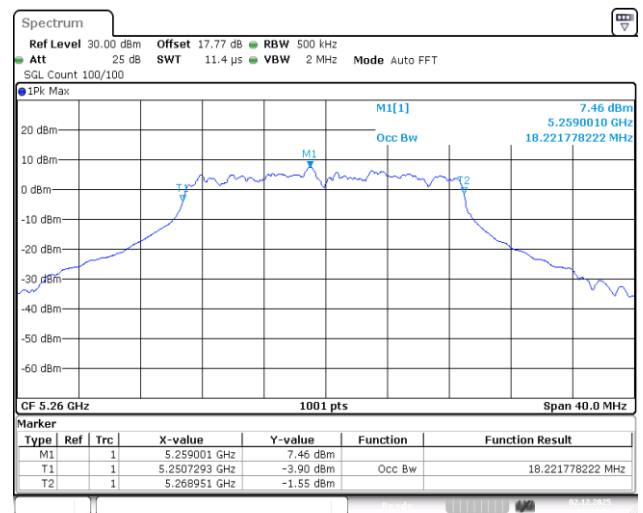
11N20SISO-Ant1-5180



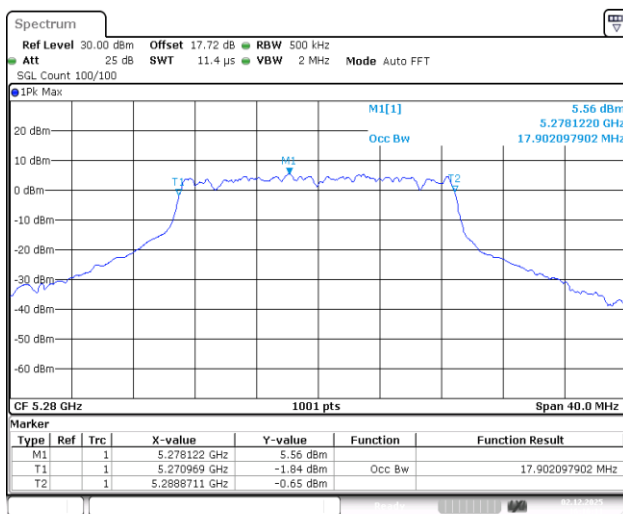
11N20SISO-Ant1-5200



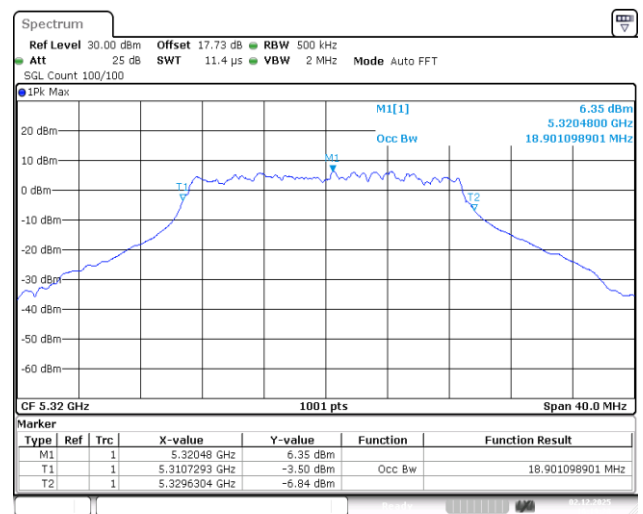
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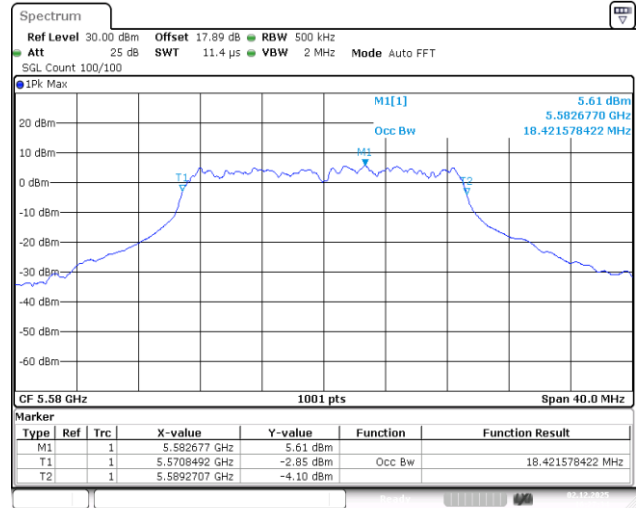
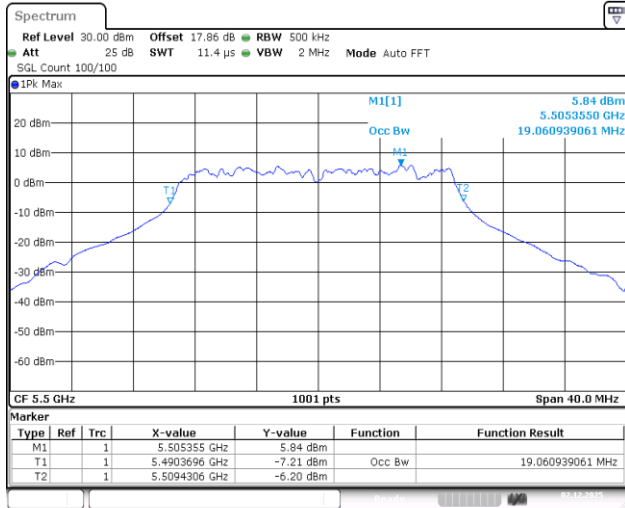
11N20SISO-Ant1-5260



11N20SISO-Ant1-5280

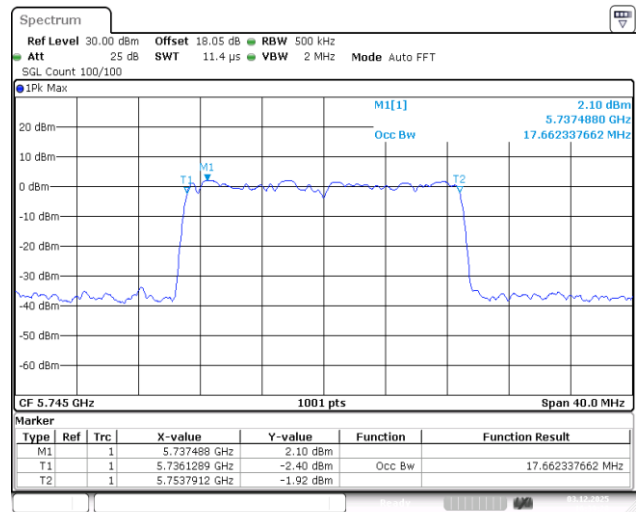
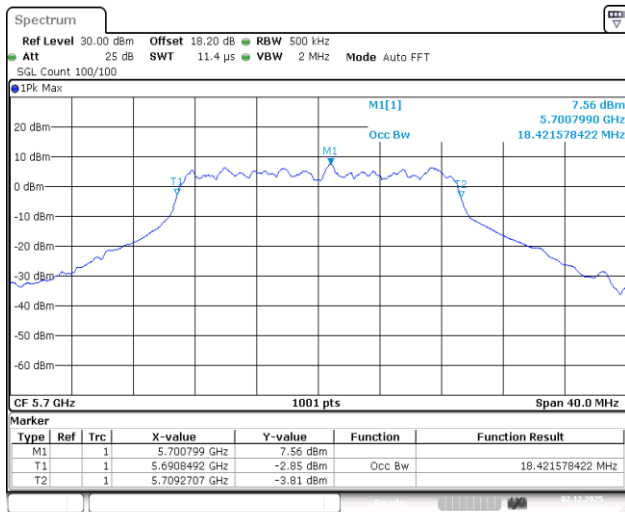


11N20SISO-Ant1-5320



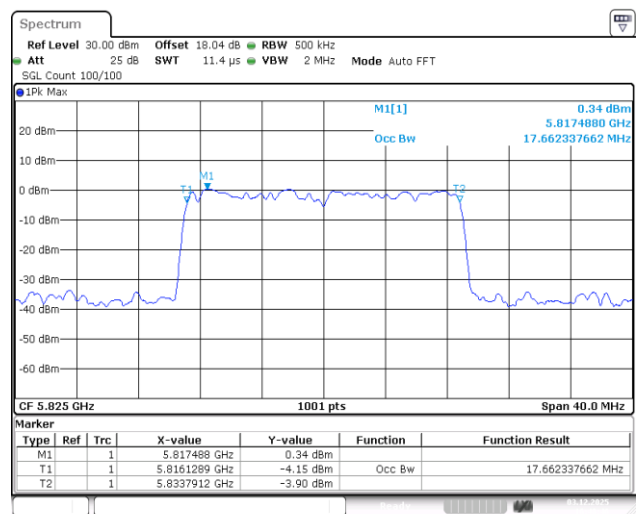
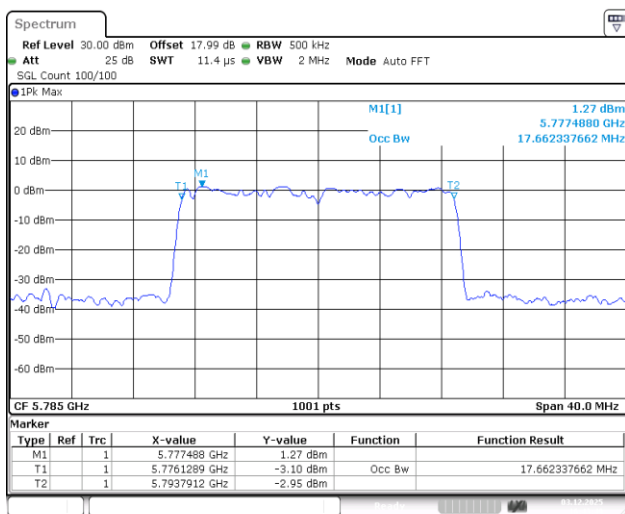
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11N20SISO-Ant1-5580



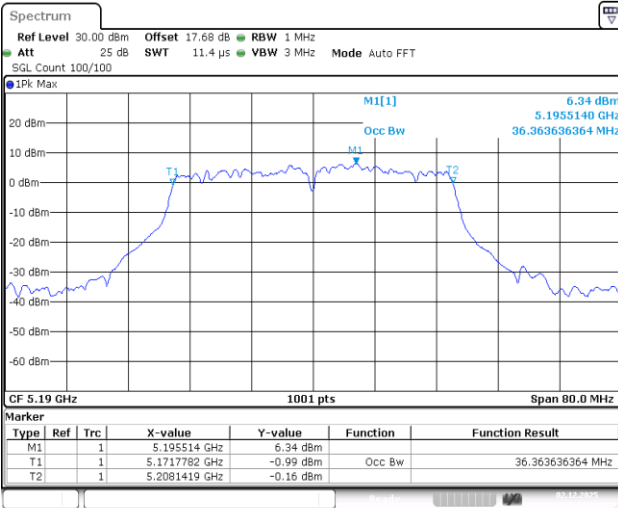
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11N20SISO-Ant1-5745

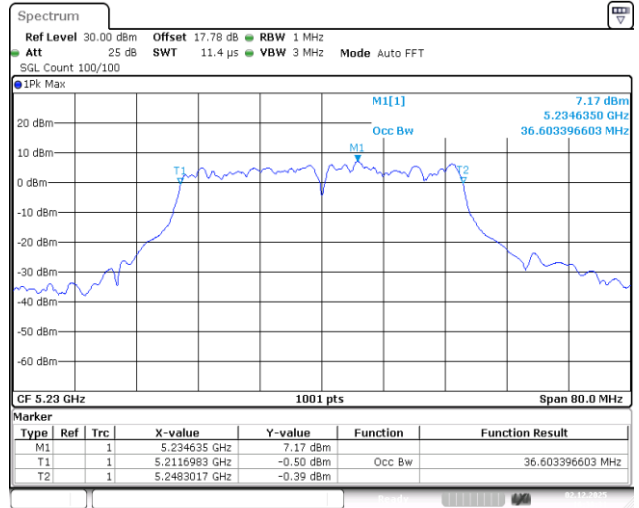


11N20SISO-Ant1-5785

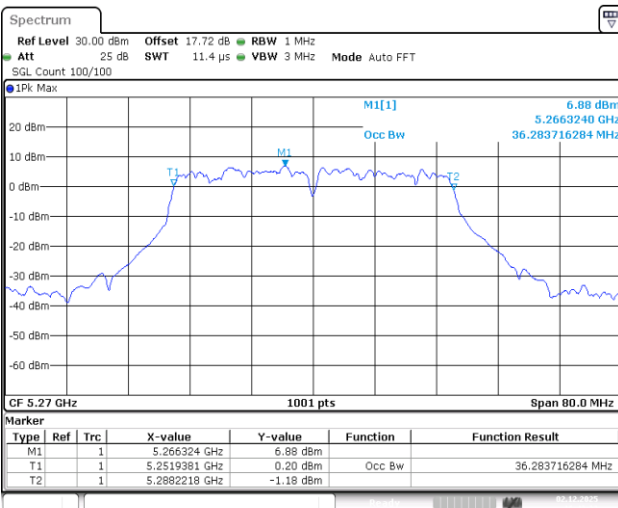
11N20SISO-Ant1-5825



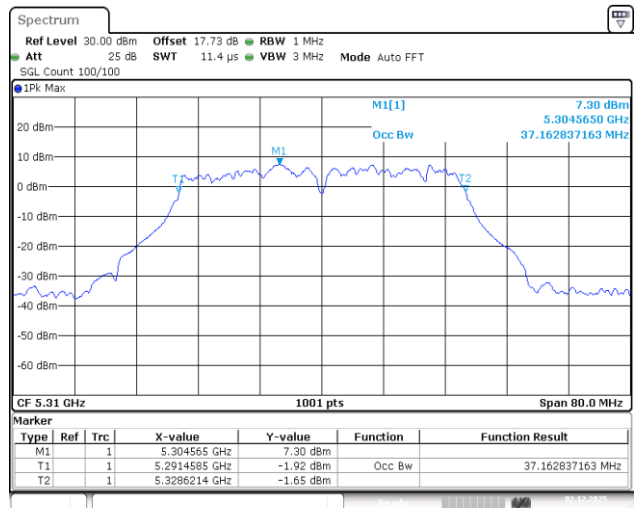
11N40SISO-Ant1-5190



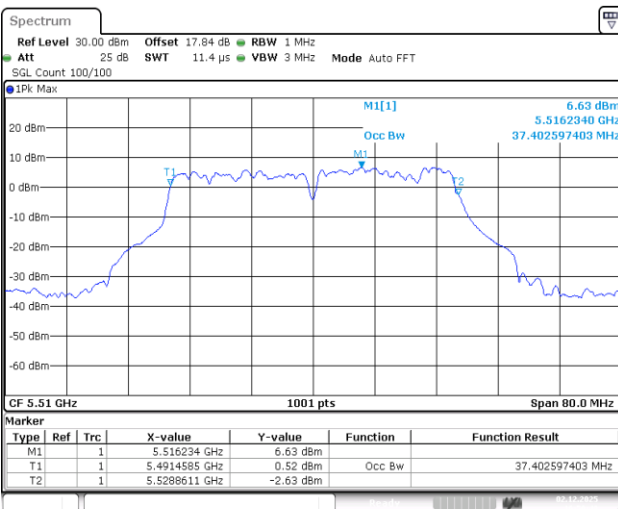
11N40SISO-Ant1-5230



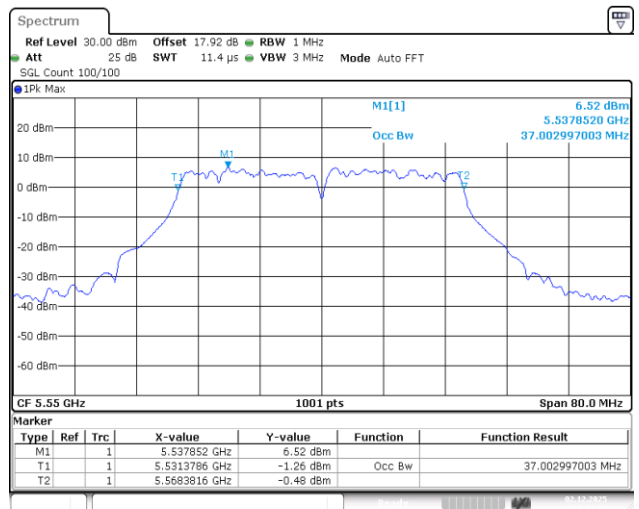
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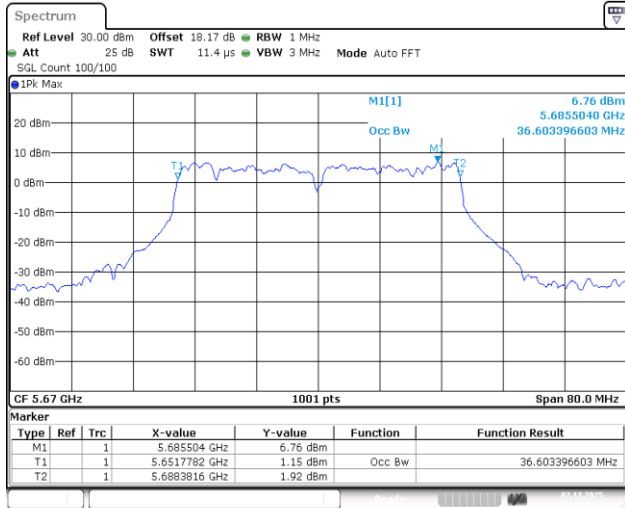
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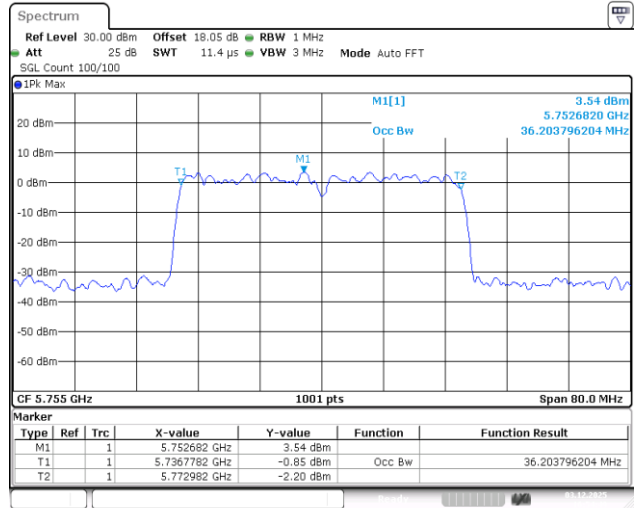
11N40SISO-Ant1-5510



11N40SISO-Ant1-5550



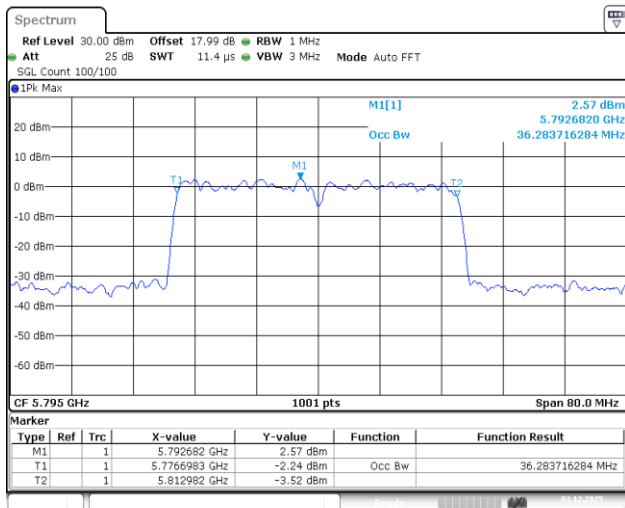
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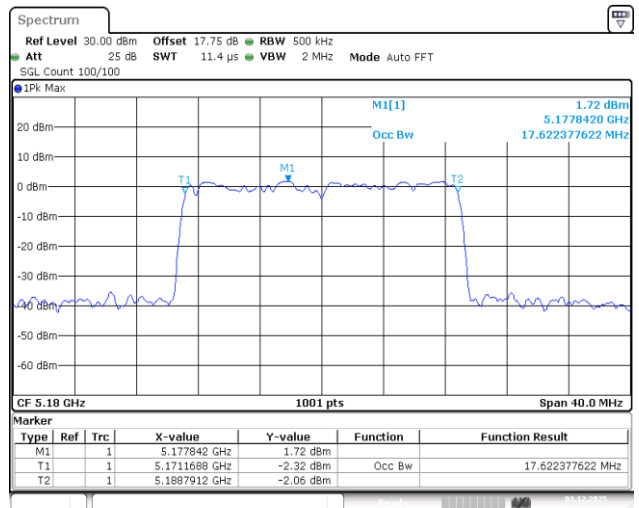
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11N40SISO-Ant1-5755



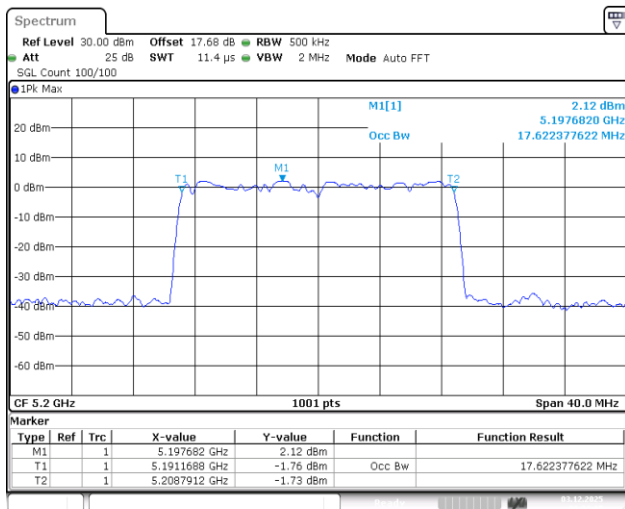
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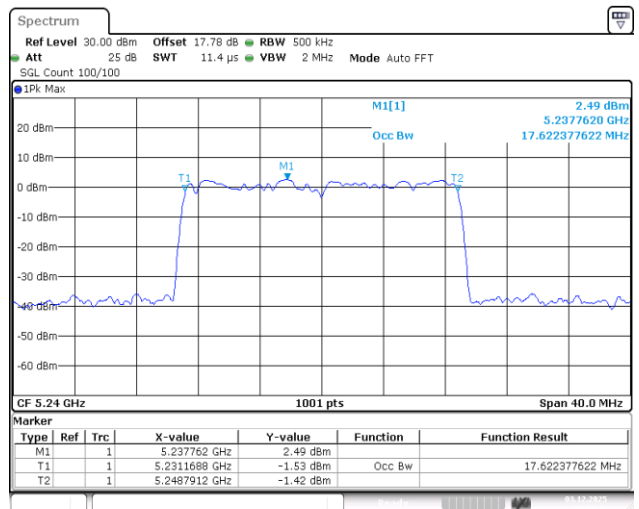
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11N40SISO-Ant1-5795

11AC20SISO-Ant1-5180



Date: 3.DEC.2025 09:01:04



Date: 3.DEC.2025 09:04:42

11AC20SISO-Ant1-5200

11AC20SISO-Ant1-5240