

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

General Description of EUT	
EUT Name:	2K Indoor Wi-Fi Camera
Model:	IC101A-PCW-AZ1
Sample ID:	HC-C-202505-0132-01-01-2#
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 5V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202505-0132-72	

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1: Emission Bandwidth

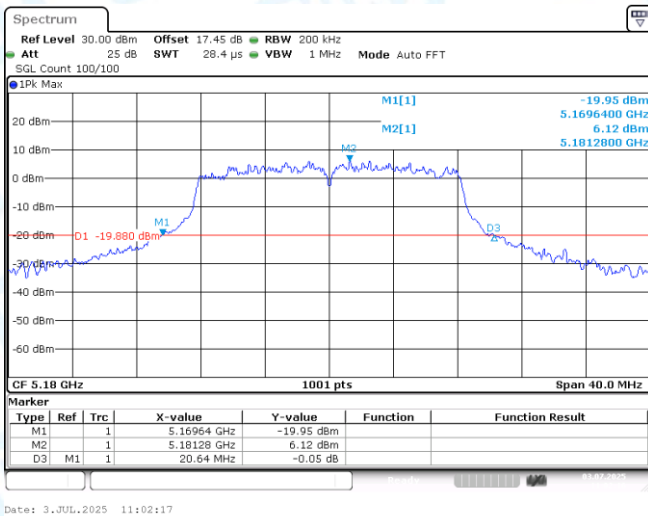
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.64	5169.64	5190.28	---	---
11A	Ant1	5200	20.80	5189.20	5210.00	---	---
11A	Ant1	5240	23.48	5228.84	5252.32	---	---
11A	Ant1	5260	22.08	5248.56	5270.64	---	---
11A	Ant1	5280	22.64	5268.84	5291.48	---	---
11A	Ant1	5320	23.16	5308.28	5331.44	---	---
11A	Ant1	5500	22.68	5488.60	5511.28	---	---
11A	Ant1	5580	20.56	5569.40	5589.96	---	---
11A	Ant1	5700	21.28	5688.92	5710.20	---	---
11N20SISO	Ant1	5180	23.64	5168.64	5192.28	---	---
11N20SISO	Ant1	5200	24.36	5188.40	5212.76	---	---
11N20SISO	Ant1	5240	23.56	5228.08	5251.64	---	---
11N20SISO	Ant1	5260	21.96	5248.48	5270.44	---	---
11N20SISO	Ant1	5280	21.96	5268.96	5290.92	---	---
11N20SISO	Ant1	5320	22.40	5309.00	5331.40	---	---
11N20SISO	Ant1	5500	22.72	5488.28	5511.00	---	---
11N20SISO	Ant1	5580	23.32	5567.84	5591.16	---	---
11N20SISO	Ant1	5700	23.36	5688.20	5711.56	---	---
11N40SISO	Ant1	5190	43.36	5169.12	5212.48	---	---
11N40SISO	Ant1	5230	44.08	5208.08	5252.16	---	---
11N40SISO	Ant1	5270	43.68	5248.00	5291.68	---	---
11N40SISO	Ant1	5310	41.76	5288.32	5330.08	---	---
11N40SISO	Ant1	5510	43.20	5488.40	5531.60	---	---
11N40SISO	Ant1	5550	42.48	5528.08	5570.56	---	---
11N40SISO	Ant1	5670	43.20	5647.84	5691.04	---	---
11AC20SISO	Ant1	5180	23.28	5168.88	5192.16	---	---
11AC20SISO	Ant1	5200	22.64	5188.76	5211.40	---	---
11AC20SISO	Ant1	5240	23.68	5228.44	5252.12	---	---
11AC20SISO	Ant1	5260	23.60	5247.96	5271.56	---	---
11AC20SISO	Ant1	5280	22.88	5268.36	5291.24	---	---
11AC20SISO	Ant1	5320	21.32	5309.32	5330.64	---	---
11AC20SISO	Ant1	5500	23.84	5488.80	5512.64	---	---
11AC20SISO	Ant1	5580	24.84	5566.64	5591.48	---	---
11AC20SISO	Ant1	5700	22.52	5688.60	5711.12	---	---
11AC40SISO	Ant1	5190	43.68	5168.48	5212.16	---	---
11AC40SISO	Ant1	5230	44.00	5207.76	5251.76	---	---
11AC40SISO	Ant1	5270	43.68	5248.00	5291.68	---	---
11AC40SISO	Ant1	5310	42.80	5288.16	5330.96	---	---
11AC40SISO	Ant1	5510	44.80	5487.92	5532.72	---	---
11AC40SISO	Ant1	5550	45.20	5526.64	5571.84	---	---
11AC40SISO	Ant1	5670	44.16	5648.48	5692.64	---	---

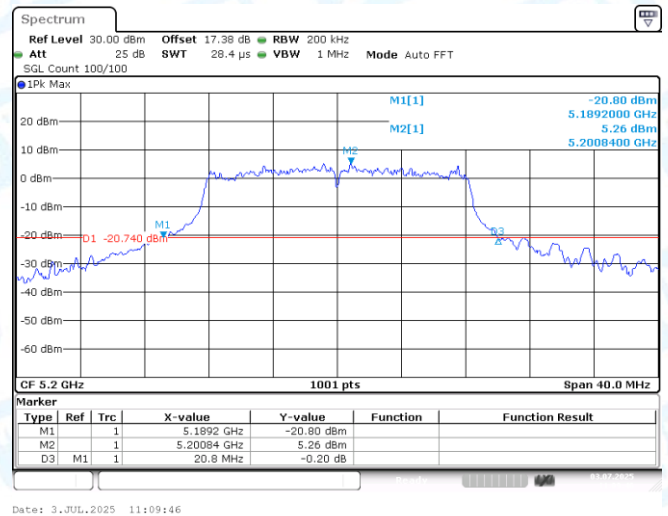
11AX20SISO	Ant1	5180	22.92	5167.88	5190.80	---	---
11AX20SISO	Ant1	5200	23.12	5188.20	5211.32	---	---
11AX20SISO	Ant1	5240	21.72	5229.80	5251.52	---	---
11AX20SISO	Ant1	5260	22.44	5248.12	5270.56	---	---
11AX20SISO	Ant1	5280	22.88	5269.32	5292.20	---	---
11AX20SISO	Ant1	5320	23.40	5307.80	5331.20	---	---
11AX20SISO	Ant1	5500	22.52	5488.36	5510.88	---	---
11AX20SISO	Ant1	5580	22.52	5568.16	5590.68	---	---
11AX20SISO	Ant1	5700	21.48	5688.92	5710.40	---	---
11AX40SISO	Ant1	5190	46.24	5166.56	5212.80	---	---
11AX40SISO	Ant1	5230	43.76	5208.08	5251.84	---	---
11AX40SISO	Ant1	5270	42.08	5248.88	5290.96	---	---
11AX40SISO	Ant1	5310	42.56	5288.64	5331.20	---	---
11AX40SISO	Ant1	5510	44.08	5488.48	5532.56	---	---
11AX40SISO	Ant1	5550	40.80	5529.44	5570.24	---	---
11AX40SISO	Ant1	5670	44.24	5646.72	5690.96	---	---

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

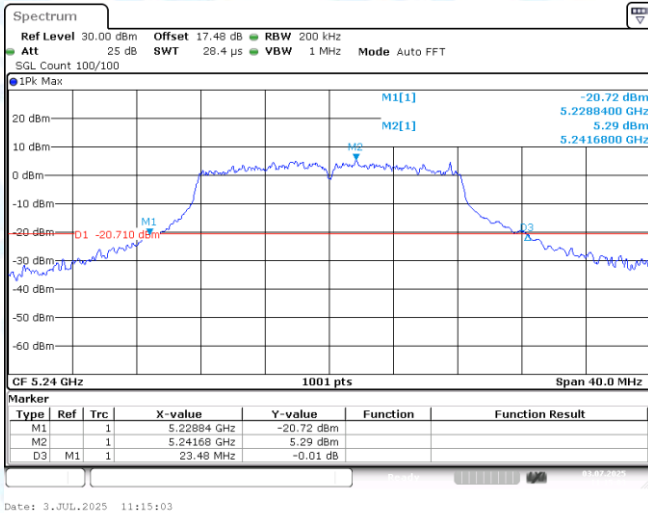
1.2 Test Graphs



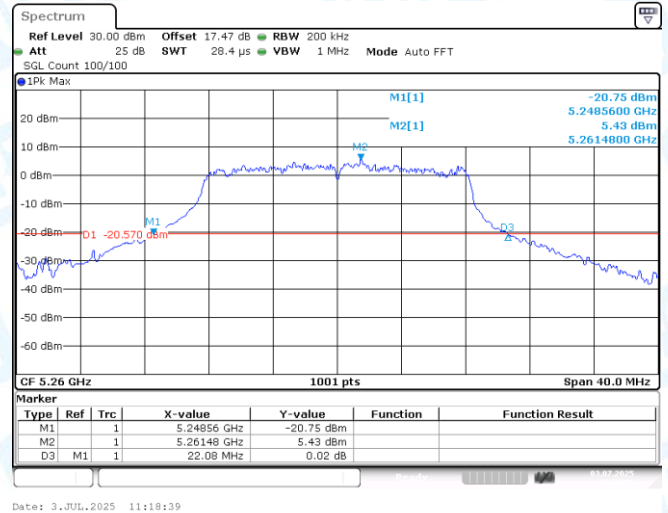
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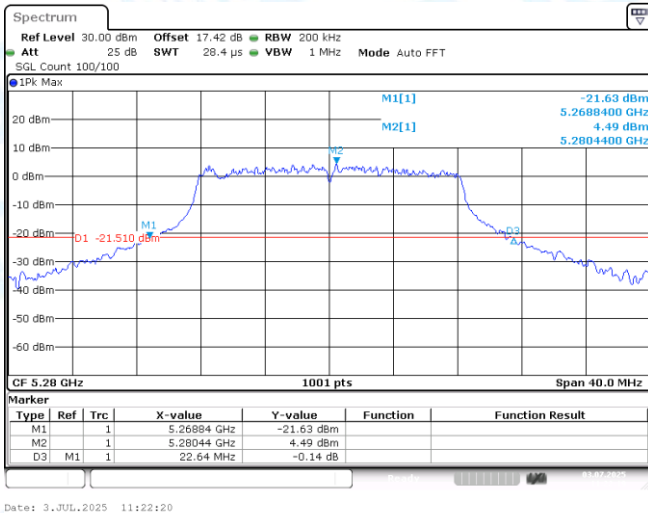
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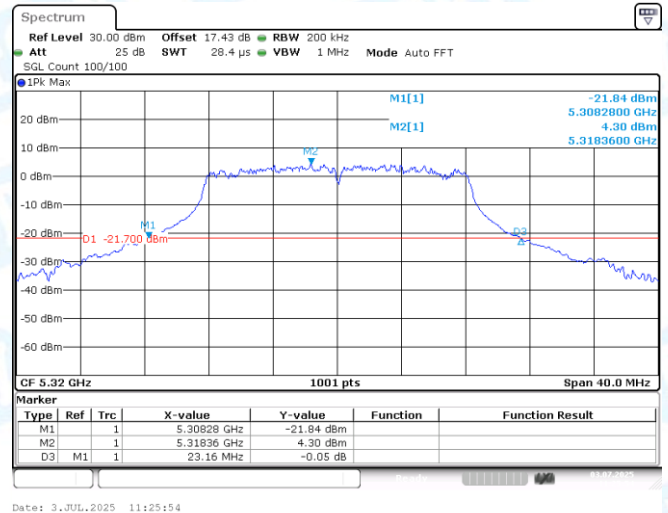
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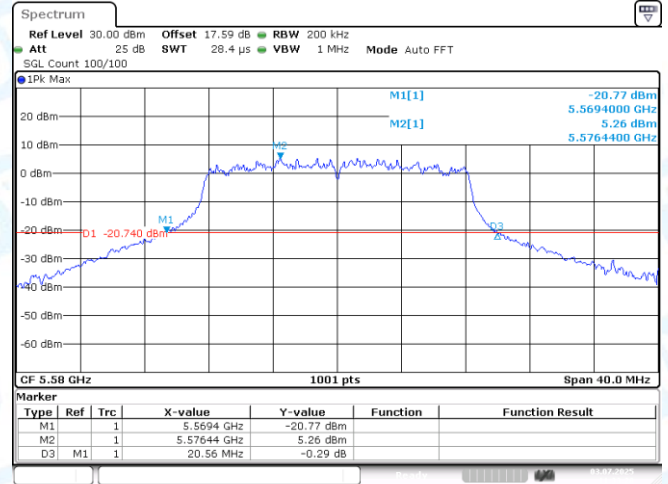
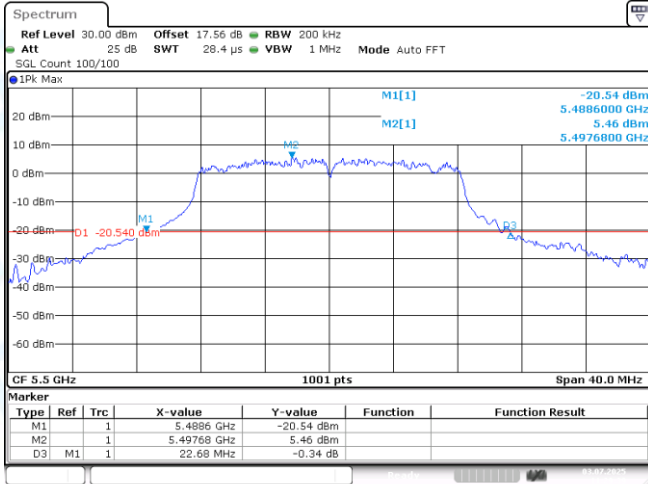
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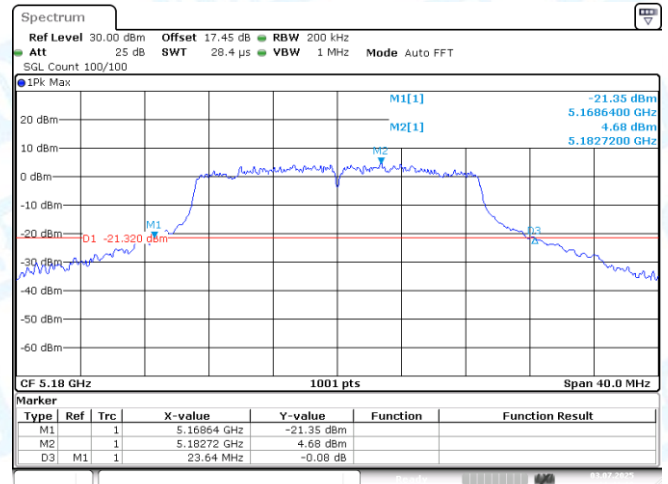
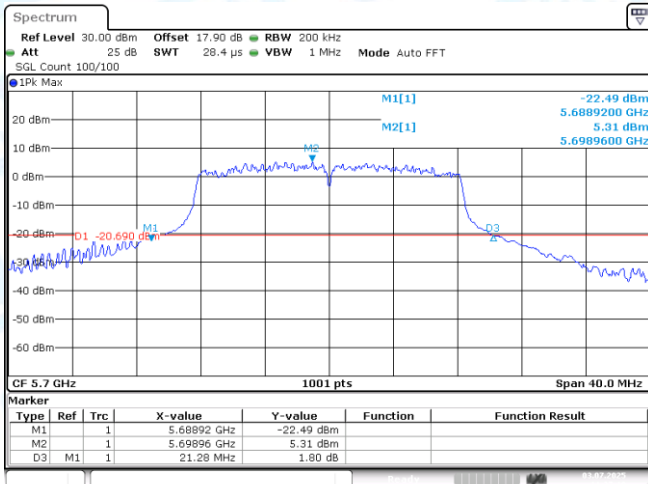


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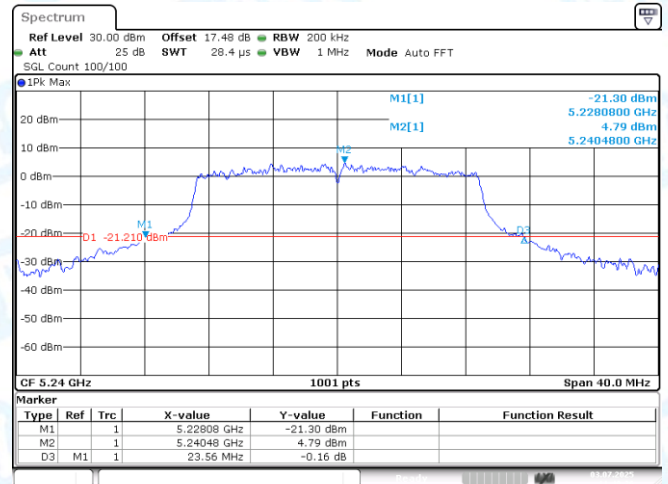
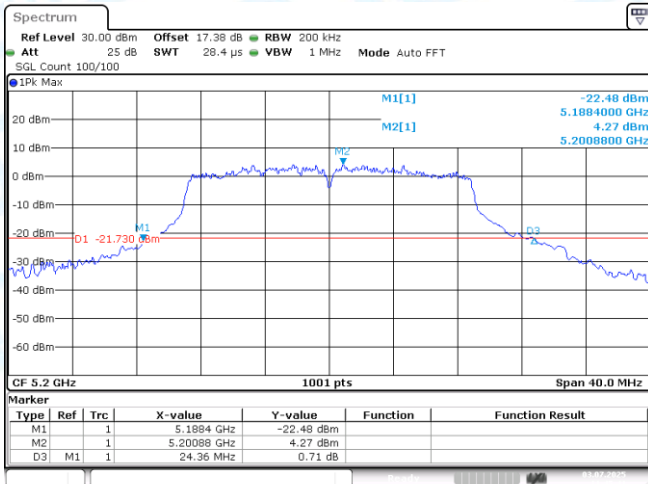
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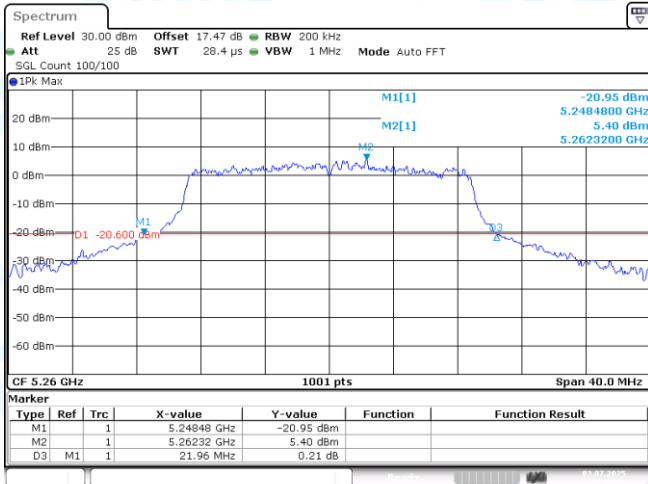
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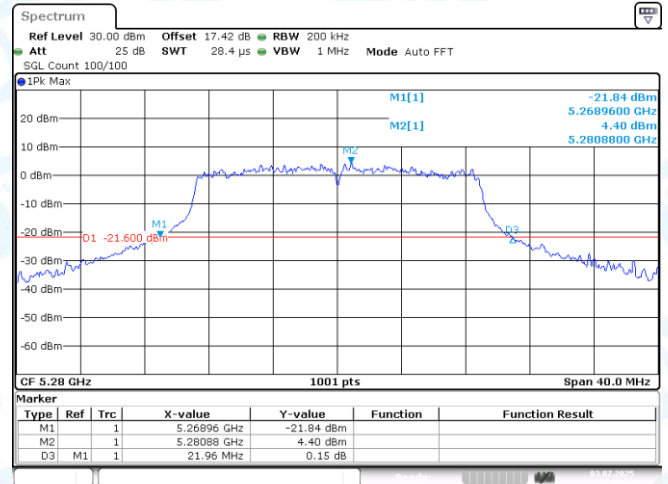


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11N20SISO-Ant1-5240



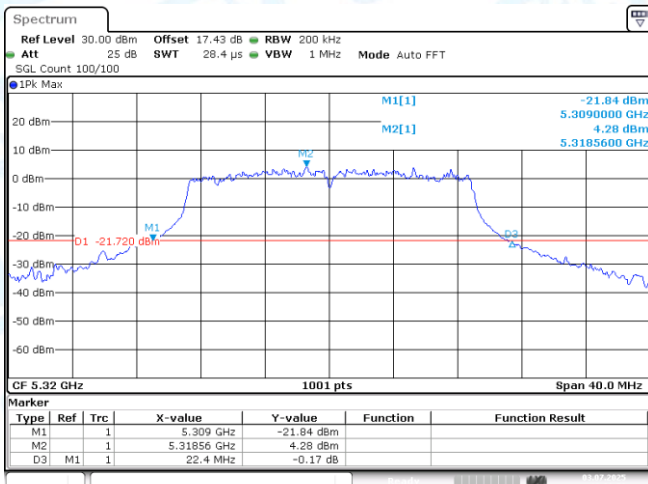
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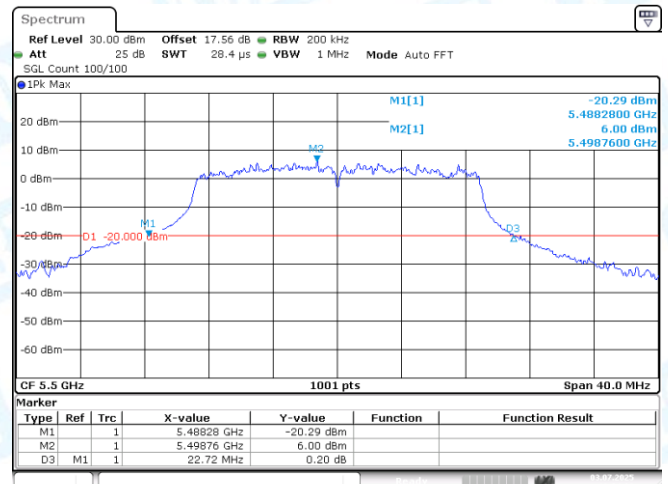
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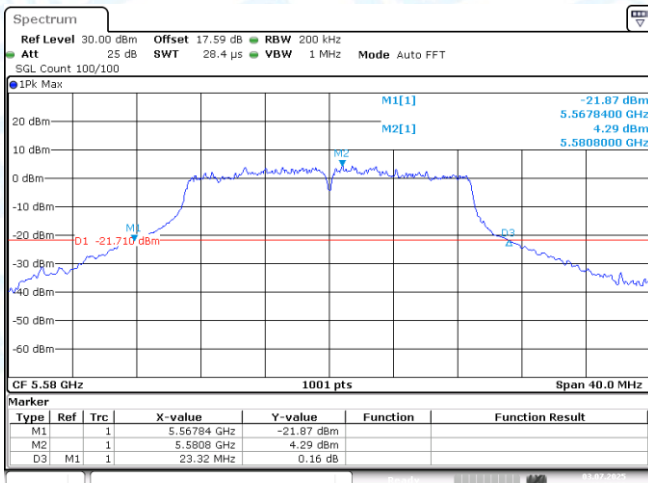
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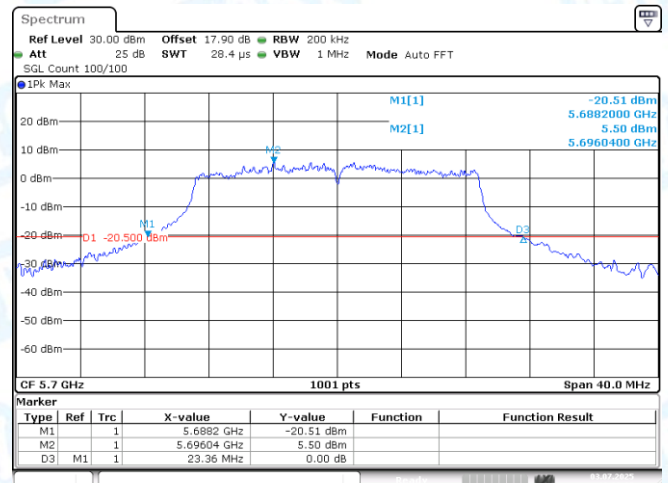
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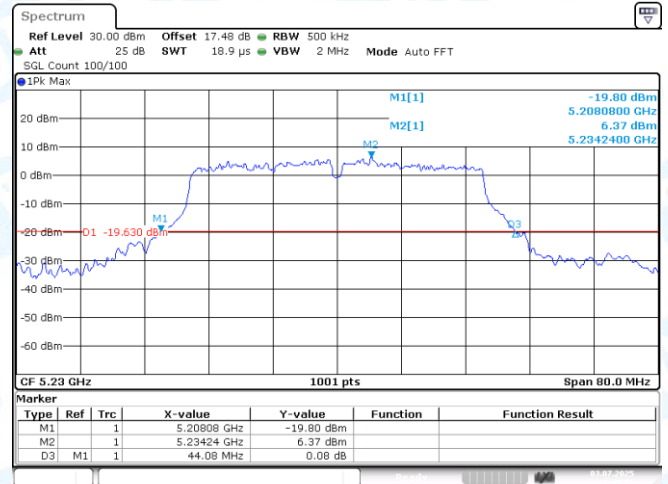
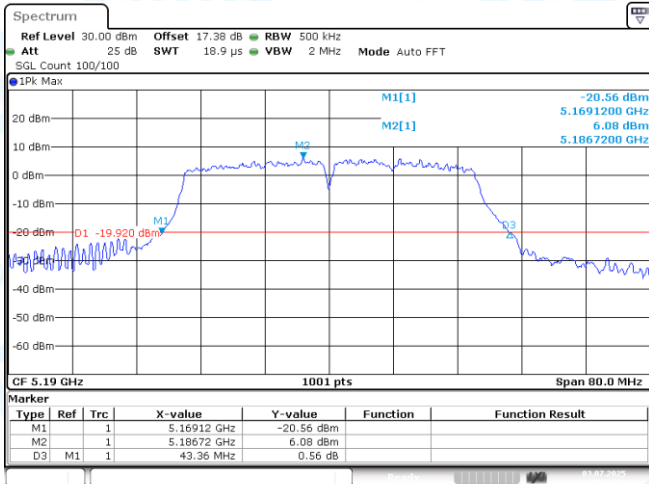
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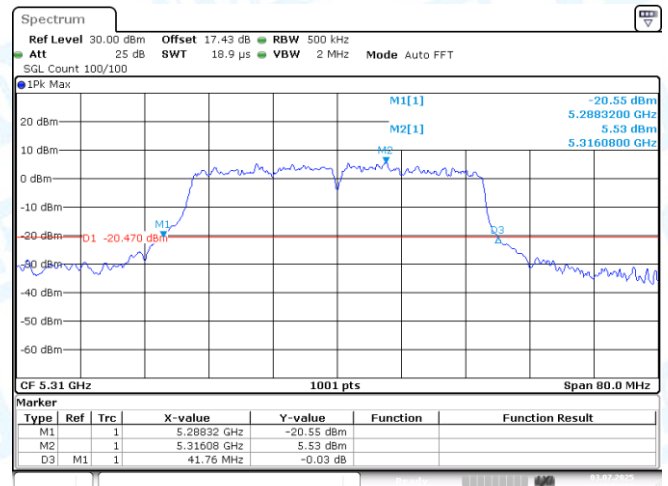
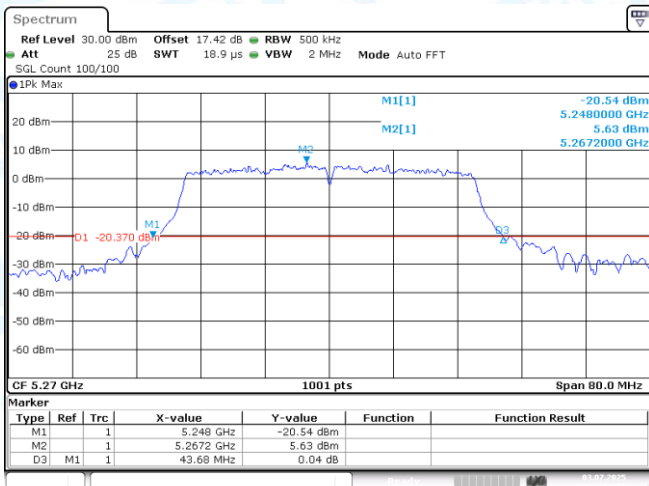
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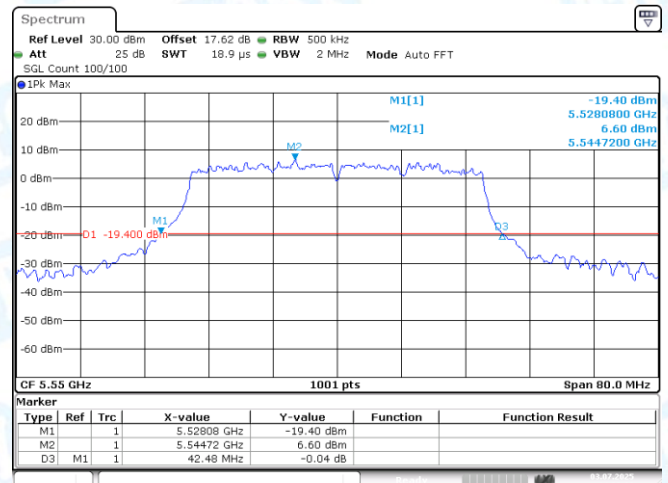
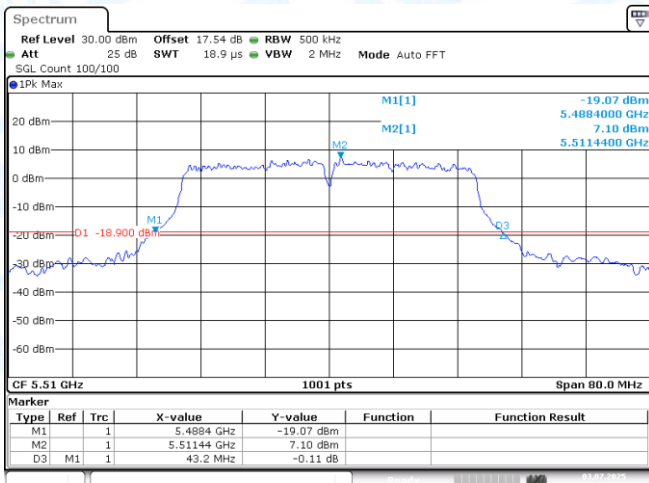
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11N40SISO-Ant1-5230



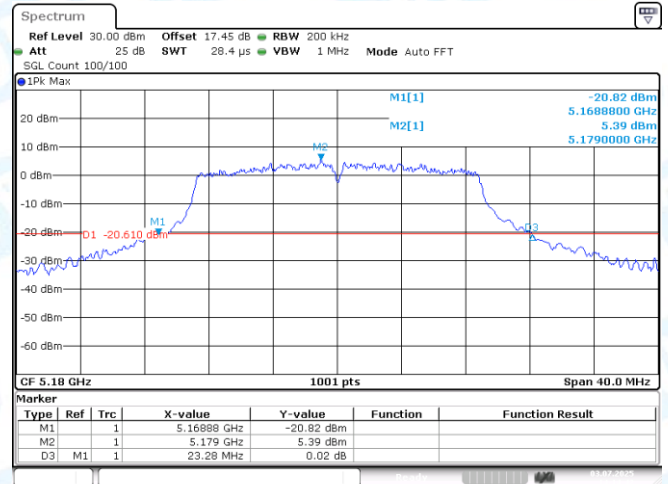
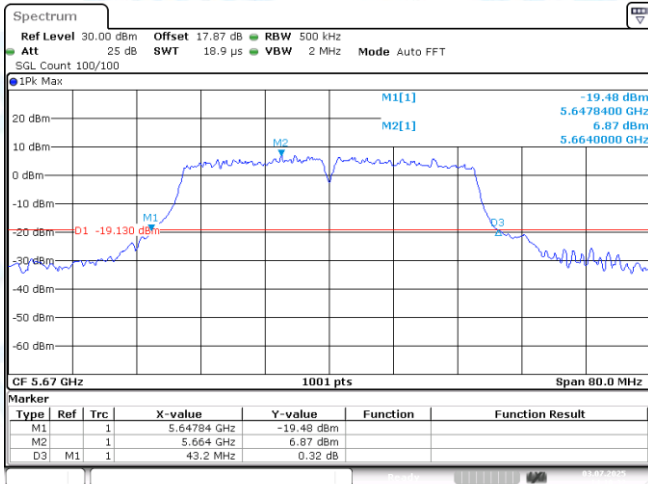
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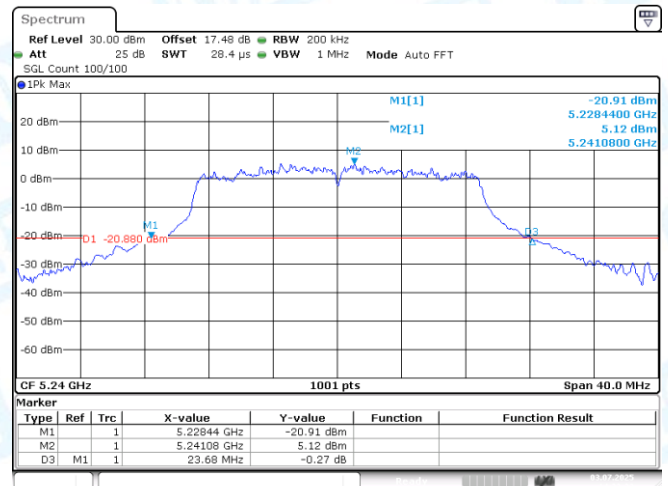
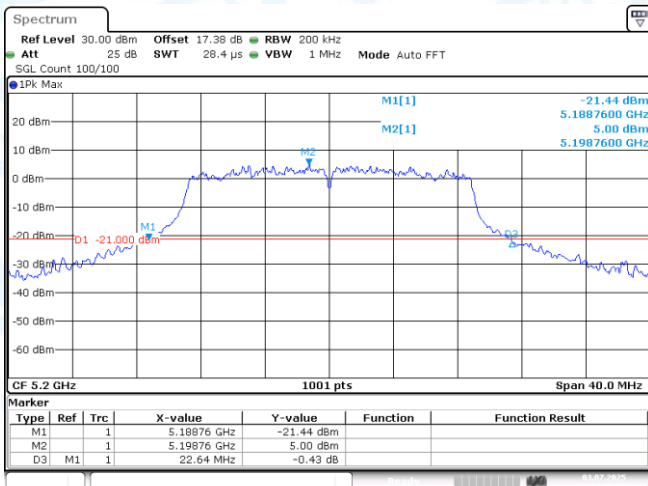
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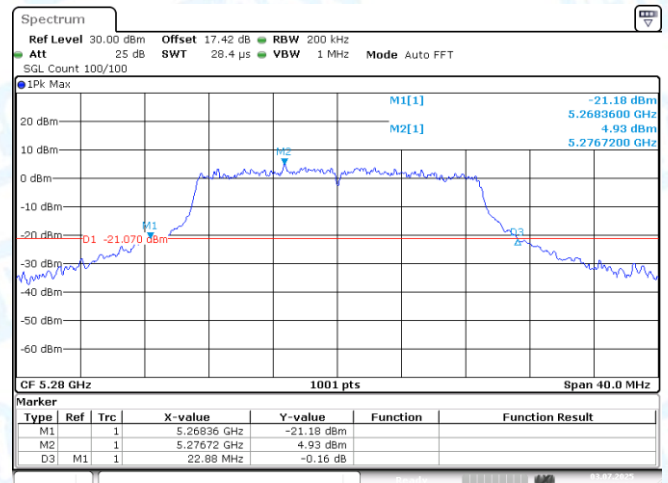
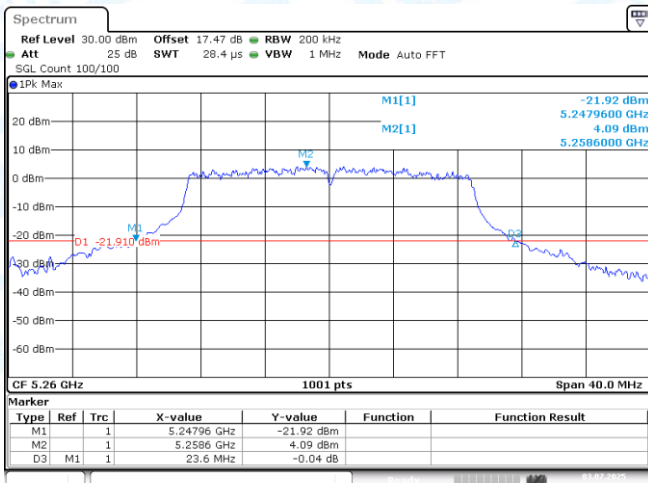
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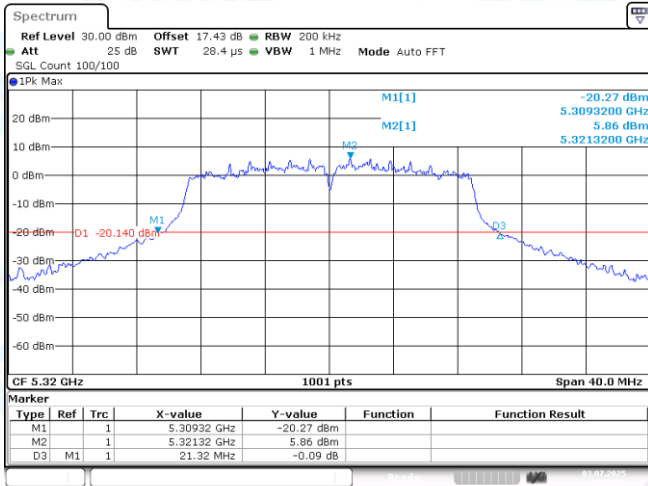
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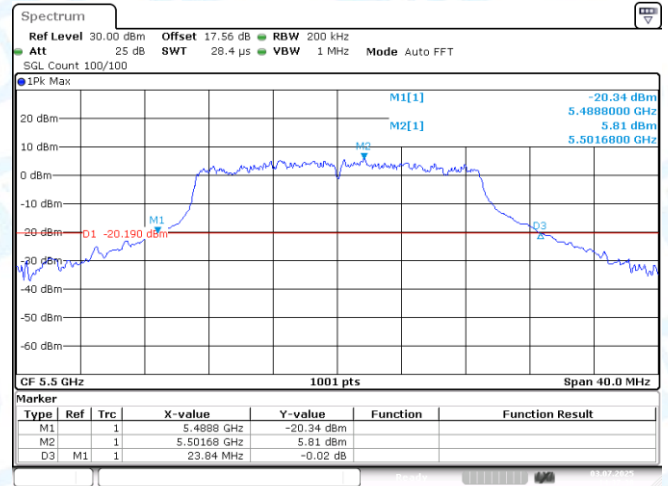
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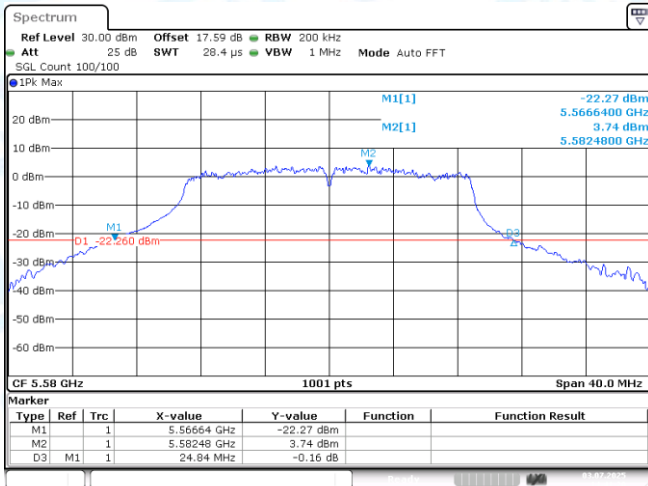
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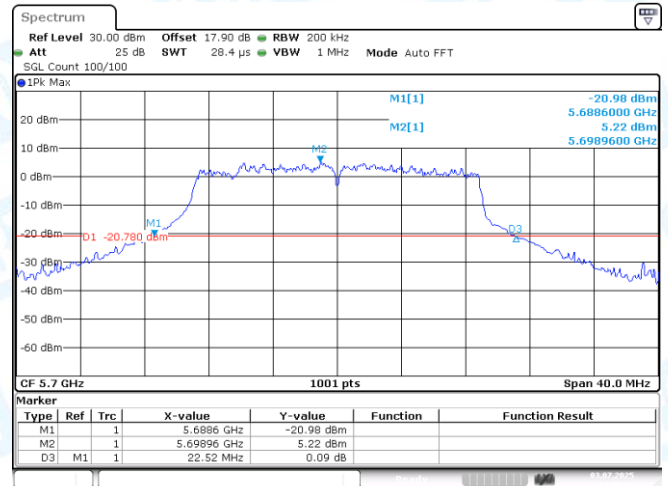
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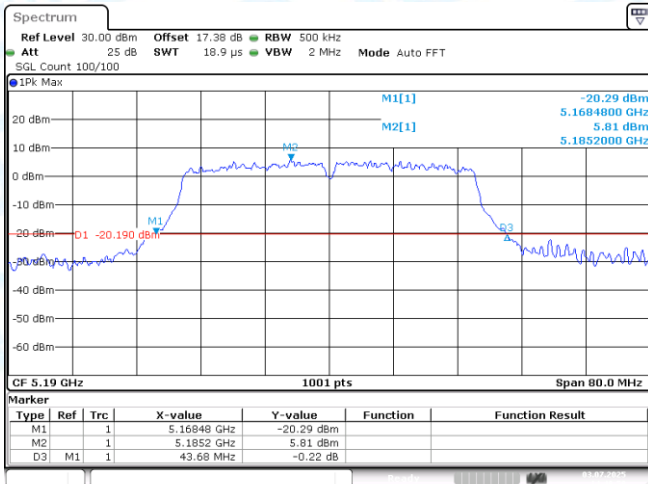
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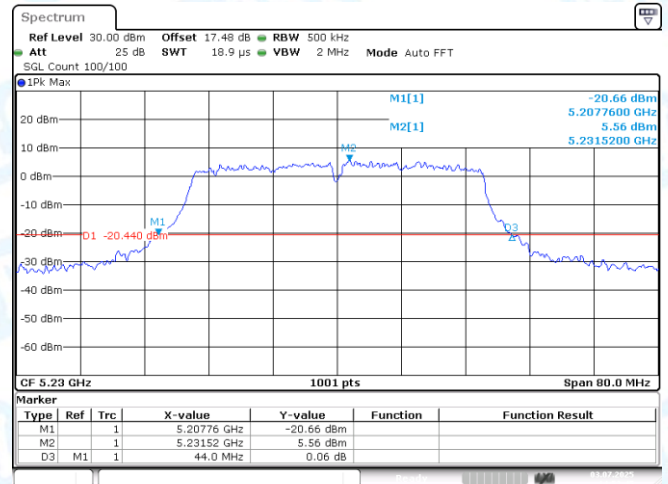
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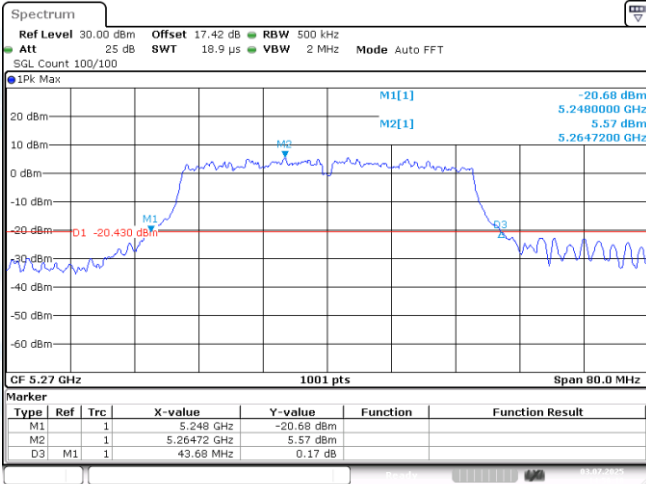
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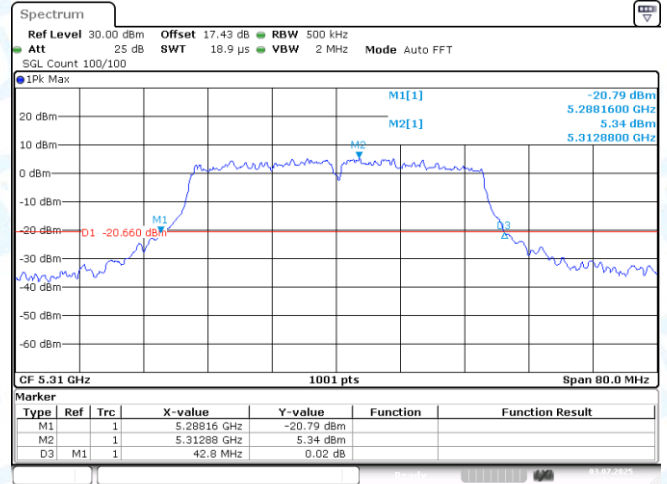


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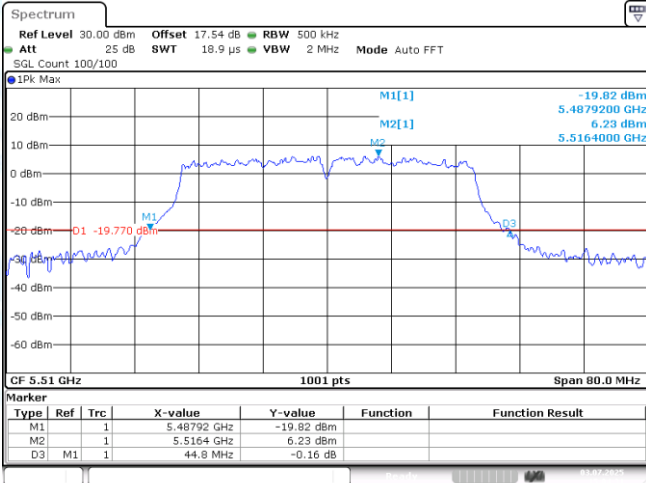
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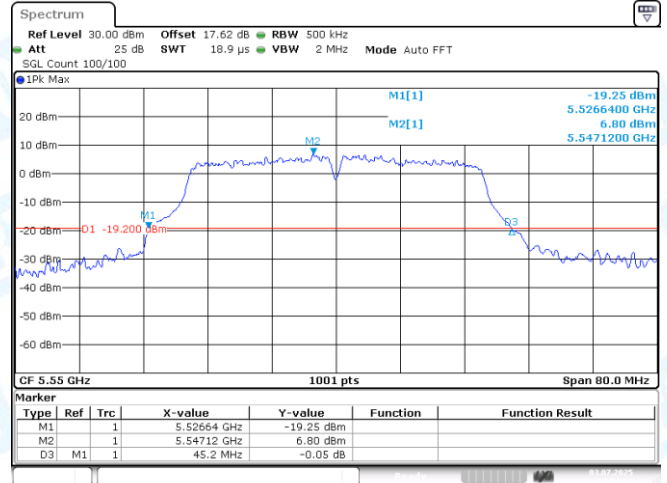
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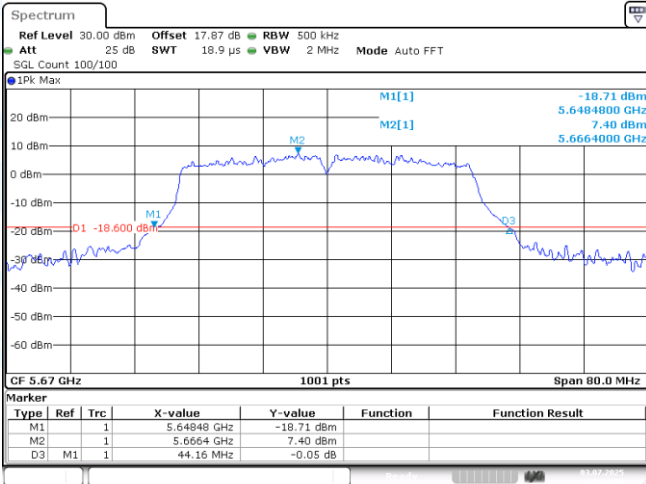
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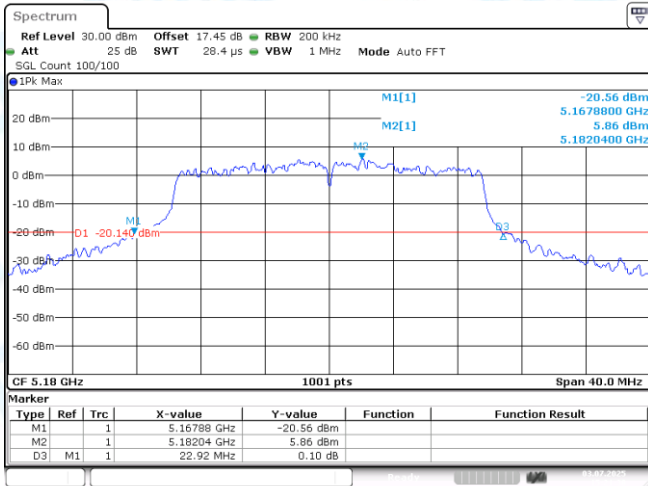
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11AC40SISO-Ant1-5550

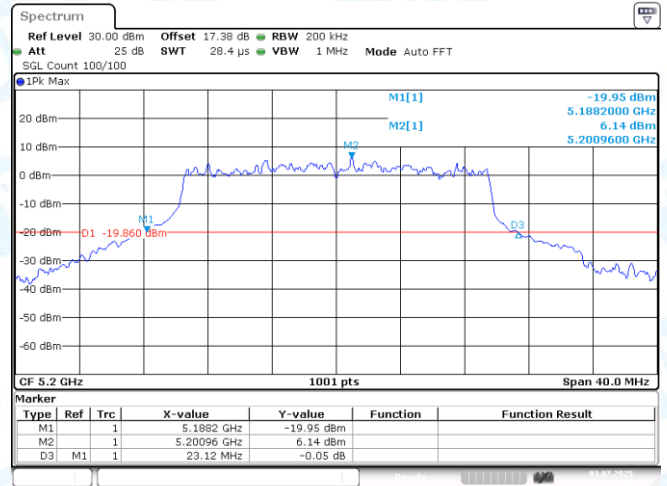


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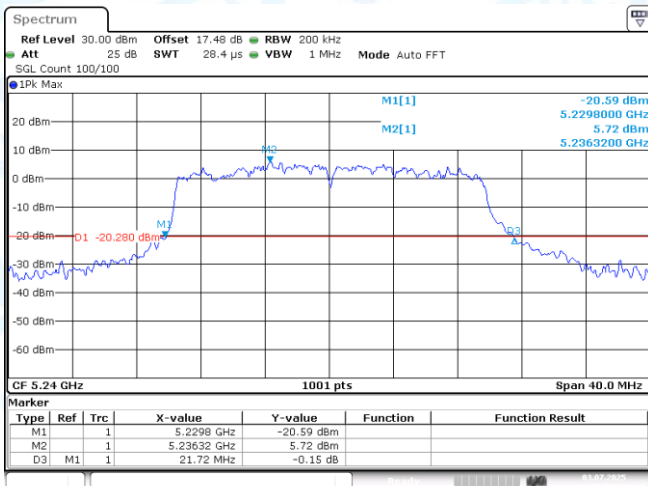
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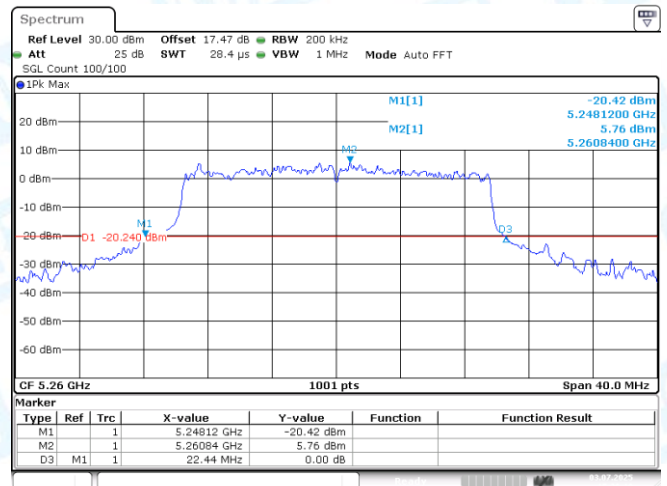
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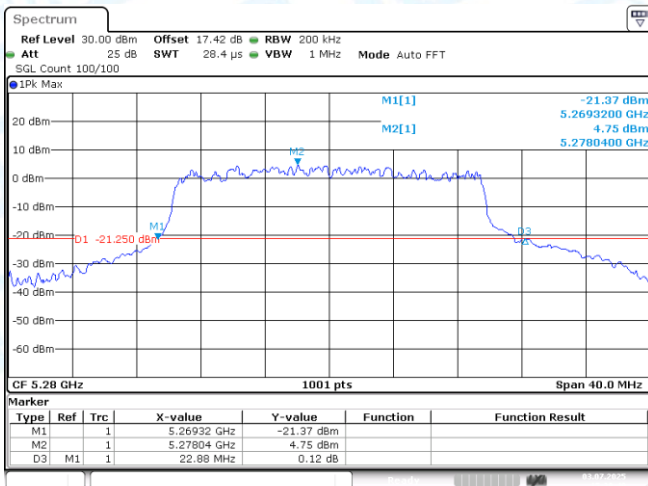
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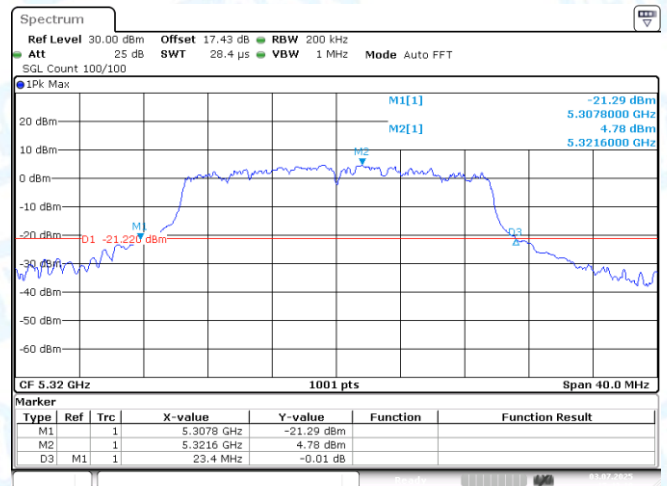
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11AX20SISO-Ant1-5260



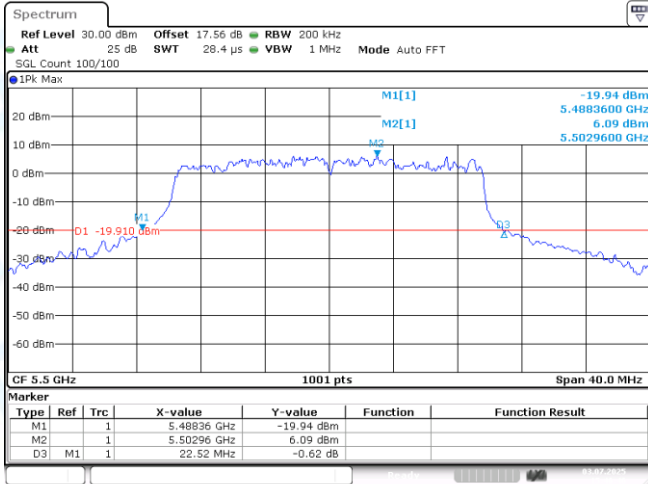
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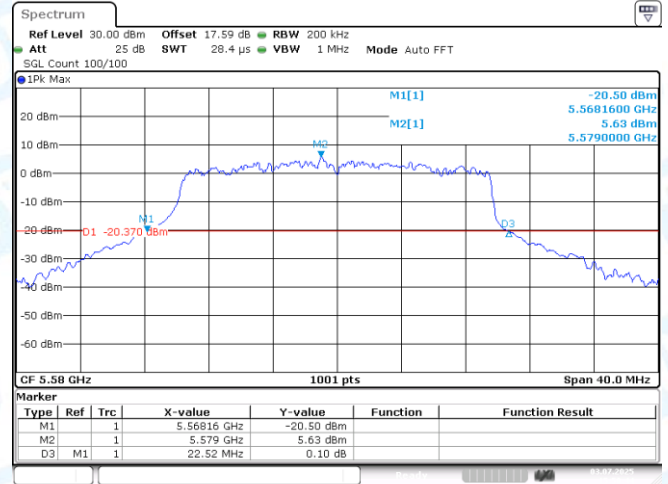
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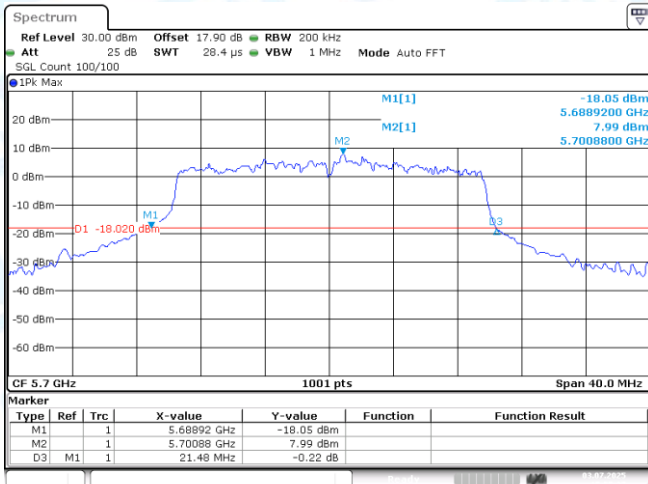
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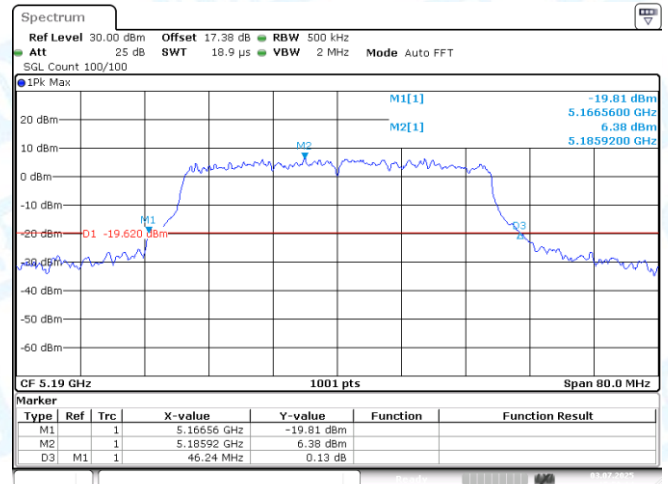
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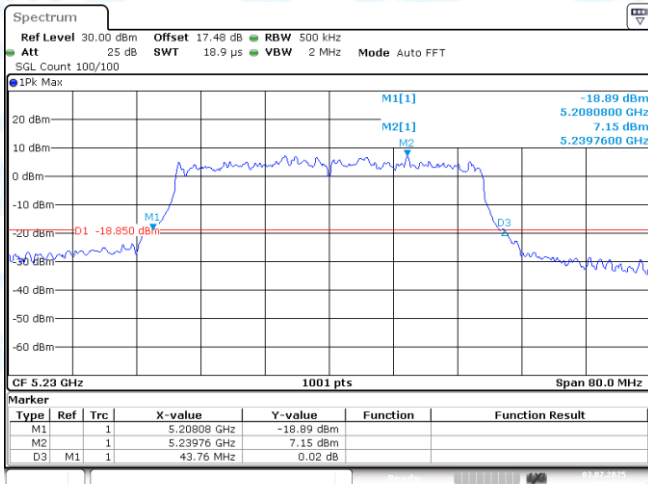
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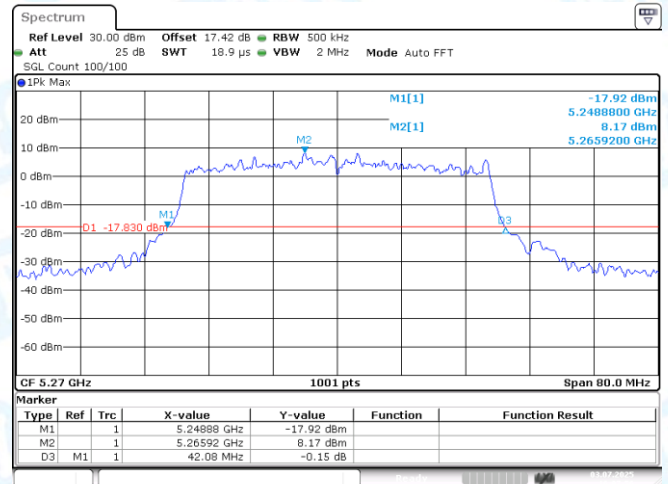
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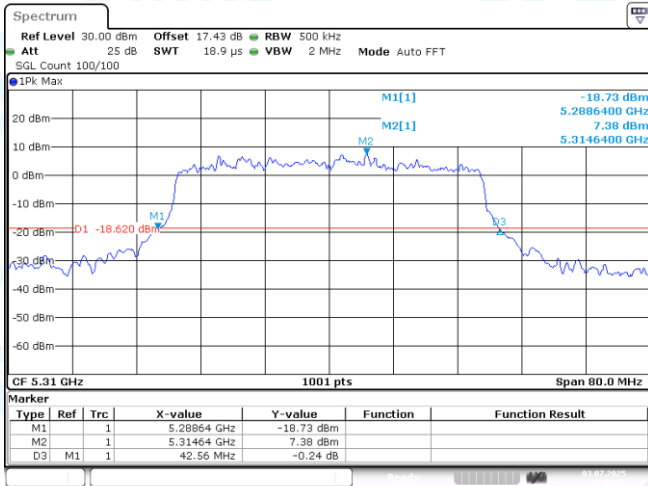
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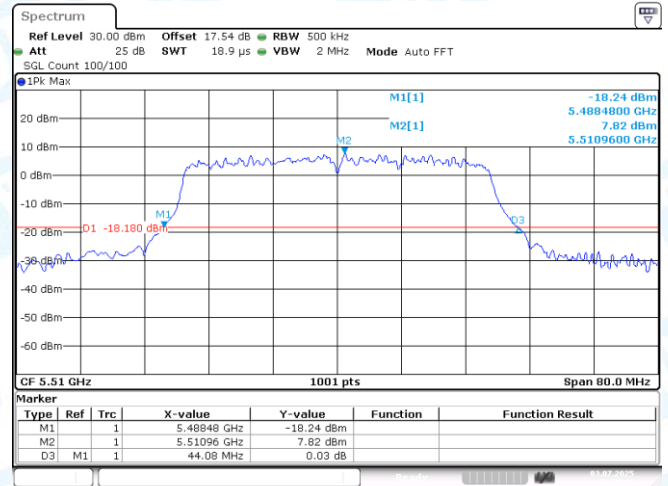


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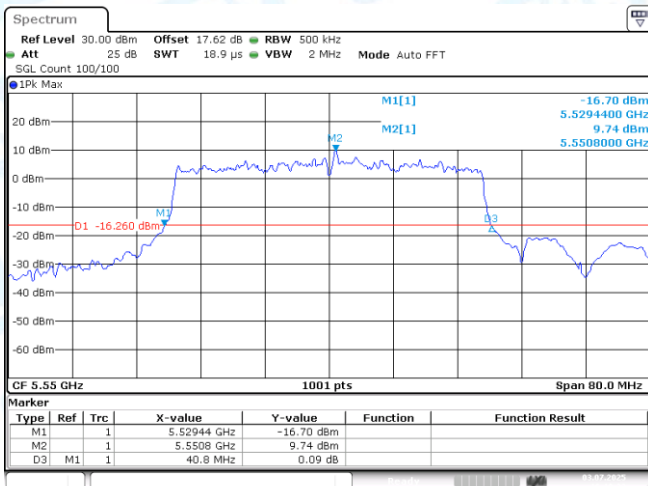
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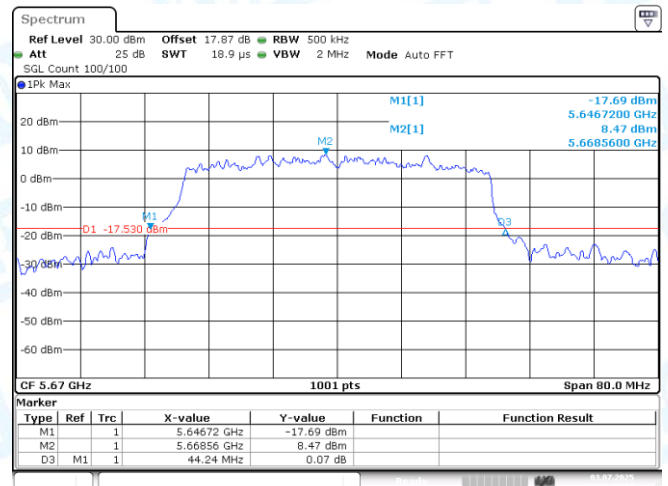
11AX40SISO-Ant1-5310



11AX40SISO-Ant1-5510



11AX40SISO-Ant1-5550



11AX40SISO-Ant1-5670

2: Occupied channel bandwidth

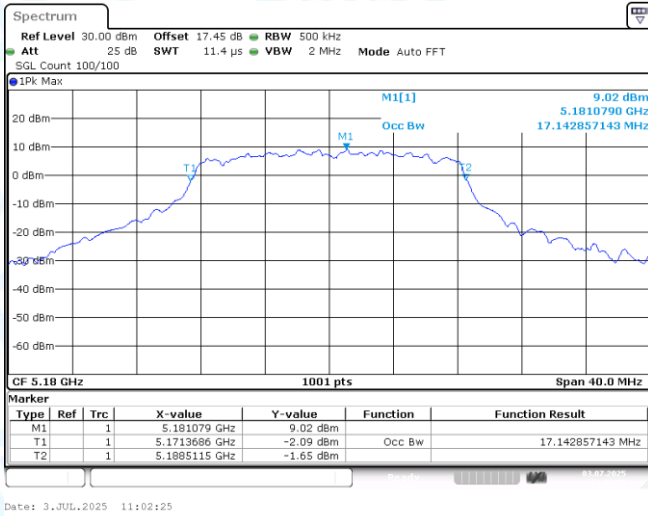
2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.143	5171.3686	5188.5115	---	---
11A	Ant1	5200	17.223	5191.2488	5208.4715	---	---
11A	Ant1	5240	17.023	5231.5684	5248.5914	---	---
11A	Ant1	5260	17.423	5251.1289	5268.5514	---	---
11A	Ant1	5280	18.182	5270.7692	5288.9510	---	---
11A	Ant1	5320	17.343	5311.4086	5328.7512	---	---
11A	Ant1	5500	17.143	5491.3686	5508.5115	---	---
11A	Ant1	5580	17.622	5570.9690	5588.5914	---	---
11A	Ant1	5700	17.263	5691.4086	5708.6713	---	---
11A	Ant1	5745	18.581	5735.9690	5754.5504	---	---
11A	Ant1	5785	17.662	5776.0090	5793.6713	---	---
11A	Ant1	5825	18.501	5815.2498	5833.7512	---	---
11N20SISO	Ant1	5180	18.222	5170.9690	5189.1908	---	---
11N20SISO	Ant1	5200	18.262	5190.8492	5209.1109	---	---
11N20SISO	Ant1	5240	18.342	5230.8891	5249.2308	---	---
11N20SISO	Ant1	5260	18.621	5250.8492	5269.4705	---	---
11N20SISO	Ant1	5280	19.540	5269.7303	5289.2707	---	---
11N20SISO	Ant1	5320	18.701	5310.9291	5329.6304	---	---
11N20SISO	Ant1	5500	18.581	5491.0490	5509.6304	---	---
11N20SISO	Ant1	5580	18.661	5570.9291	5589.5904	---	---
11N20SISO	Ant1	5700	18.422	5690.8891	5709.3107	---	---
11N20SISO	Ant1	5745	18.661	5735.7692	5754.4306	---	---
11N20SISO	Ant1	5785	18.302	5775.8092	5794.1109	---	---
11N20SISO	Ant1	5825	19.421	5815.7692	5835.1898	---	---
11N40SISO	Ant1	5190	36.763	5171.7782	5208.5415	---	---
11N40SISO	Ant1	5230	36.763	5211.5385	5248.3017	---	---
11N40SISO	Ant1	5270	36.683	5251.4585	5288.1419	---	---
11N40SISO	Ant1	5310	36.603	5291.6184	5328.2218	---	---
11N40SISO	Ant1	5510	36.444	5491.6983	5528.1419	---	---
11N40SISO	Ant1	5550	37.562	5530.8192	5568.3816	---	---
11N40SISO	Ant1	5670	36.843	5651.3786	5688.2218	---	---
11N40SISO	Ant1	5755	36.683	5736.6983	5773.3816	---	---
11N40SISO	Ant1	5795	36.763	5776.7782	5813.5415	---	---
11AC20SISO	Ant1	5180	18.501	5170.8092	5189.3107	---	---
11AC20SISO	Ant1	5200	17.902	5191.0889	5208.9910	---	---
11AC20SISO	Ant1	5240	18.501	5230.8891	5249.3906	---	---
11AC20SISO	Ant1	5260	18.541	5250.8092	5269.3506	---	---
11AC20SISO	Ant1	5280	18.741	5270.6094	5289.3506	---	---
11AC20SISO	Ant1	5320	18.701	5310.5694	5329.2707	---	---
11AC20SISO	Ant1	5500	18.701	5490.2897	5508.9910	---	---
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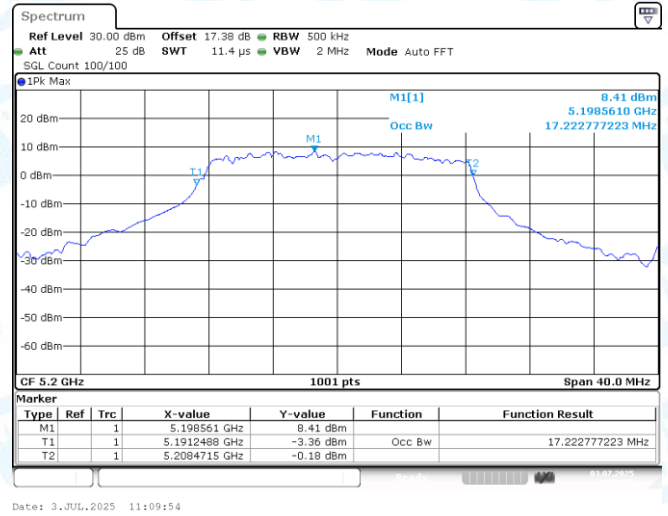
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11AC20SISO	Ant1	5745	18.741	5735.4496	5754.1908	---	---
11AC20SISO	Ant1	5785	18.222	5775.7692	5793.9910	---	---
11AC20SISO	Ant1	5825	18.581	5815.9291	5834.5105	---	---
11AC40SISO	Ant1	5190	36.763	5171.5385	5208.3017	---	---
11AC40SISO	Ant1	5230	36.763	5211.6184	5248.3816	---	---
11AC40SISO	Ant1	5270	36.763	5251.7782	5288.5415	---	---
11AC40SISO	Ant1	5310	37.163	5291.5385	5328.7013	---	---
11AC40SISO	Ant1	5510	36.923	5491.3786	5528.3017	---	---
11AC40SISO	Ant1	5550	36.603	5531.6983	5568.3017	---	---
11AC40SISO	Ant1	5670	36.843	5651.6184	5688.4615	---	---
11AC40SISO	Ant1	5755	36.603	5736.6983	5773.3017	---	---
11AC40SISO	Ant1	5795	36.683	5776.6184	5813.3017	---	---
11AX20SISO	Ant1	5180	19.261	5170.4096	5189.6703	---	---
11AX20SISO	Ant1	5200	19.141	5190.4496	5209.5904	---	---
11AX20SISO	Ant1	5240	19.141	5230.5295	5249.6703	---	---
11AX20SISO	Ant1	5260	19.021	5250.4496	5269.4705	---	---
11AX20SISO	Ant1	5280	19.221	5270.2897	5289.5105	---	---
11AX20SISO	Ant1	5320	19.181	5310.4096	5329.5904	---	---
11AX20SISO	Ant1	5500	19.141	5490.4496	5509.5904	---	---
11AX20SISO	Ant1	5580	18.941	5570.5694	5589.5105	---	---
11AX20SISO	Ant1	5700	19.461	5690.4096	5709.8701	---	---
11AX20SISO	Ant1	5745	19.221	5735.4096	5754.6304	---	---
11AX20SISO	Ant1	5785	19.221	5775.3696	5794.5904	---	---
11AX20SISO	Ant1	5825	19.181	5815.4096	5834.5904	---	---
11AX40SISO	Ant1	5190	37.882	5171.0589	5208.9411	---	---
11AX40SISO	Ant1	5230	38.202	5210.8192	5249.0210	---	---
11AX40SISO	Ant1	5270	37.882	5251.0589	5288.9411	---	---
11AX40SISO	Ant1	5310	37.962	5291.1389	5329.1009	---	---
11AX40SISO	Ant1	5510	37.962	5491.0589	5529.0210	---	---
11AX40SISO	Ant1	5550	37.722	5531.1389	5568.8611	---	---
11AX40SISO	Ant1	5670	38.122	5650.9790	5689.1009	---	---
11AX40SISO	Ant1	5755	38.362	5735.8192	5774.1808	---	---
11AX40SISO	Ant1	5795	38.202	5775.8991	5814.1009	---	---

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

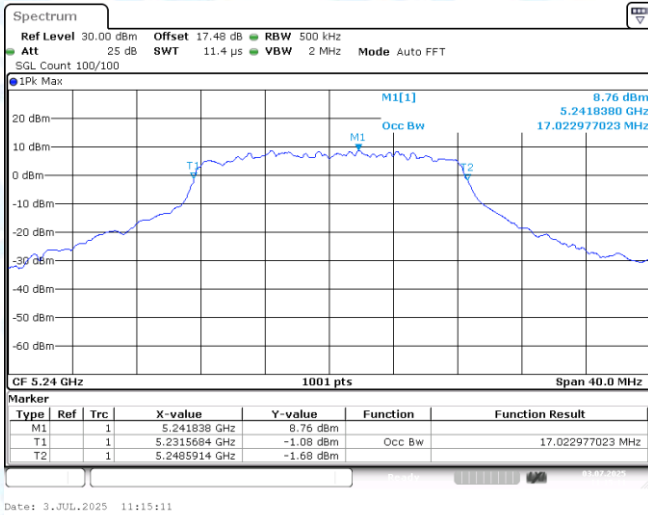
2.2 Test Graphs



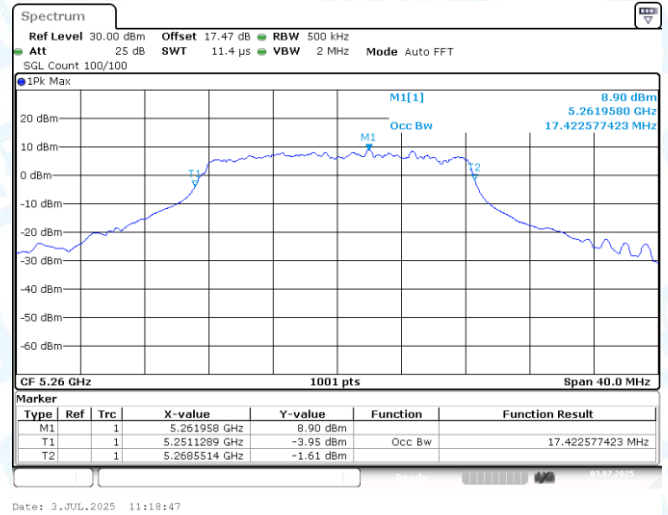
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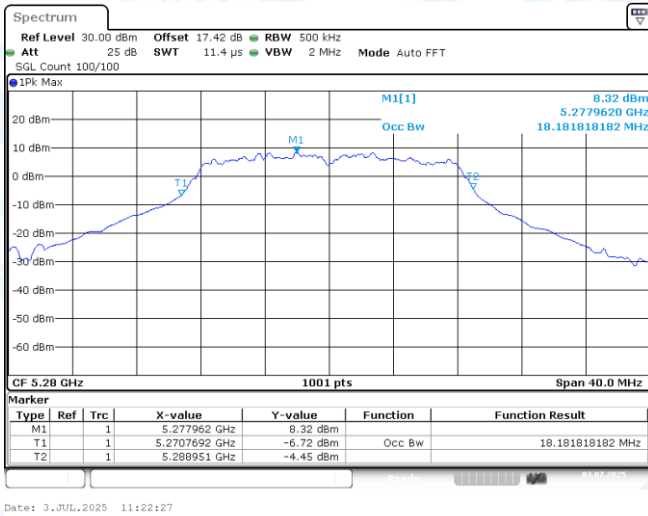
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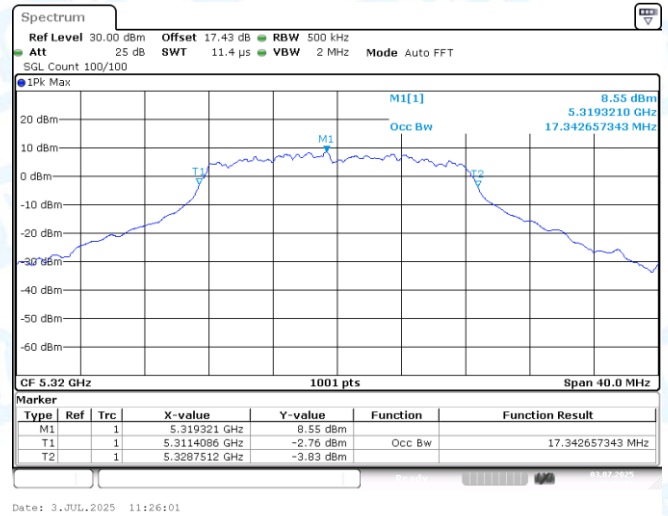
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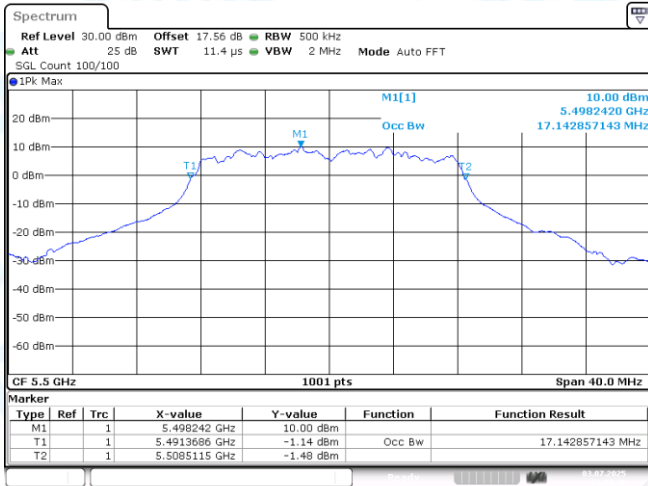
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11A-Ant1-5280

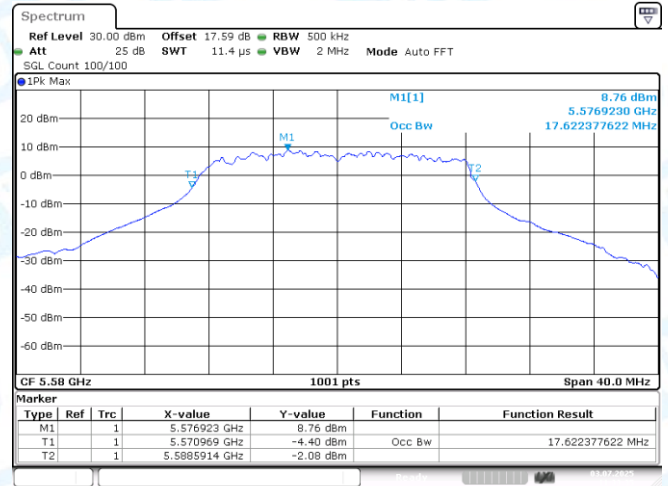


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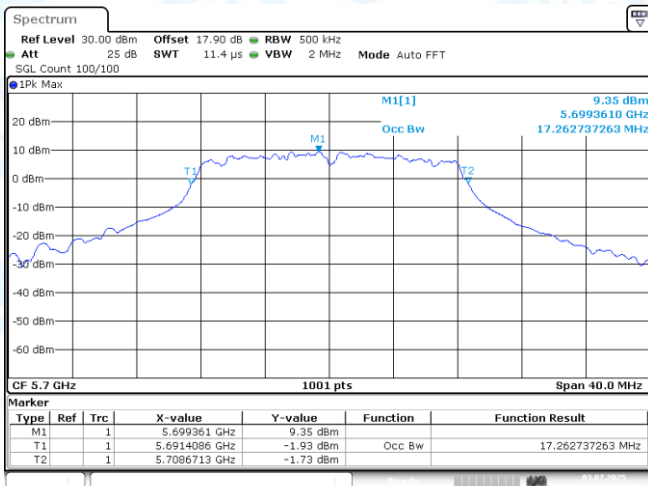
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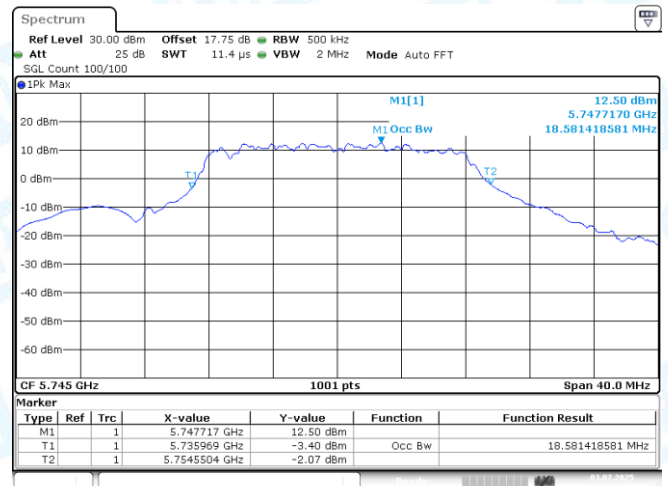
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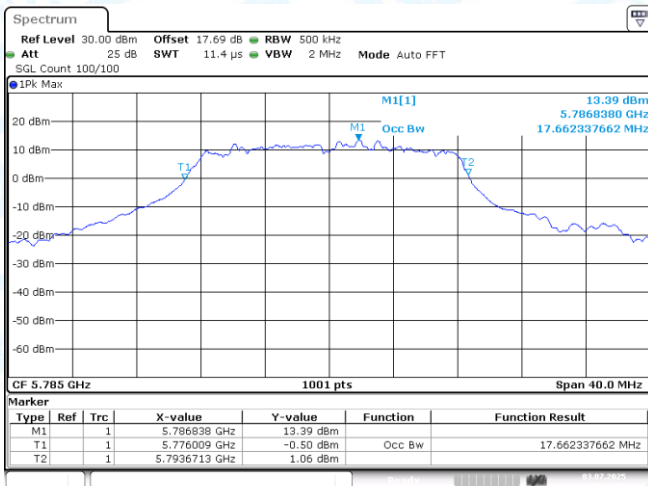
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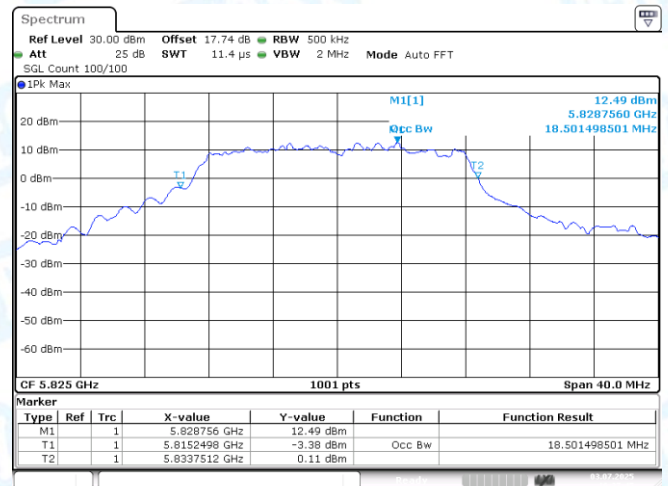
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11A-Ant1-5785



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11A-Ant1-5825