

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

General Description of EUT	
Product Name:	Pico Projector
Test Model:	P07S
Sample ID:	202307-0061-4-2#
Environmental Conditions	
Temperature:	25°C
Relative Humidity:	55%
Test Voltage:	DC 3.7V
Test Engineer:	Li Ying Jing
Note: For a more detailed features description, please refer to the report TBR-C-202307-0061-53 The report only show the worst case data.	

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1. Emission Bandwidth

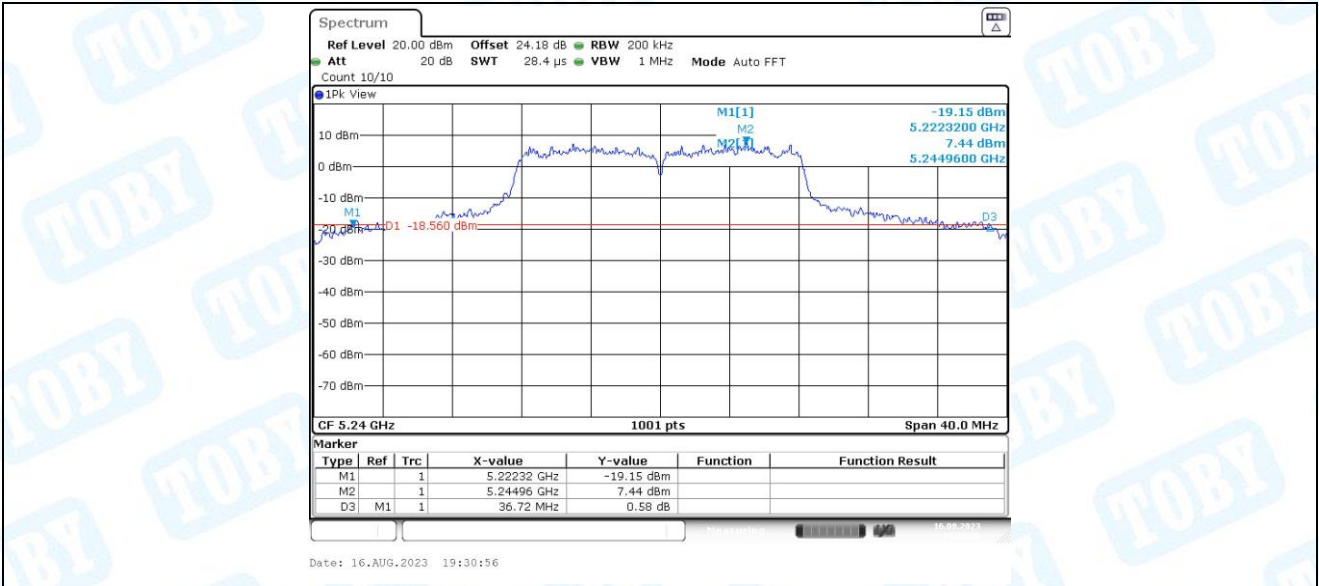
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	20.64	5169.68	5190.32	---	---
		5200	33.12	5184.24	5217.36	---	---
		5240	36.72	5222.32	5259.04	---	---
		5260	35.00	5242.40	5277.40	---	---
		5280	34.64	5263.00	5297.64	---	---
		5320	36.24	5302.56	5338.80	---	---
		5500	28.96	5487.68	5516.64	---	---
		5580	36.24	5562.72	5598.96	---	---
		5700	22.72	5689.52	5712.24	---	---
11N20SISO	Ant1	5180	35.88	5162.32	5198.20	---	---
		5200	36.40	5183.00	5219.40	---	---
		5240	36.96	5221.96	5258.92	---	---
		5260	39.00	5240.72	5279.72	---	---
		5280	35.80	5263.28	5299.08	---	---
		5320	37.60	5301.16	5338.76	---	---
		5500	30.20	5486.20	5516.40	---	---
		5580	36.76	5562.56	5599.32	---	---
		5700	37.08	5681.72	5718.80	---	---
11N40SISO	Ant1	5190	78.24	5150.80	5229.04	---	---
		5230	49.20	5208.96	5258.16	---	---
		5270	48.64	5248.80	5297.44	---	---
		5310	42.72	5288.88	5331.60	---	---
		5510	41.76	5489.20	5530.96	---	---
		5550	41.84	5529.12	5570.96	---	---
		5670	43.12	5648.72	5691.84	---	---
11AC20SISO	Ant1	5180	33.24	5163.32	5196.56	---	---
		5200	23.16	5189.08	5212.24	---	---
		5240	25.00	5228.84	5253.84	---	---
		5260	25.20	5248.36	5273.56	---	---
		5280	26.16	5267.04	5293.20	---	---
		5320	22.44	5308.88	5331.32	---	---
		5500	21.52	5489.24	5510.76	---	---
		5580	24.92	5568.88	5593.80	---	---
		5700	23.52	5688.48	5712.00	---	---
11AC40SISO	Ant1	5190	45.84	5167.68	5213.52	---	---
		5230	43.12	5208.32	5251.44	---	---
		5270	42.96	5248.48	5291.44	---	---
		5310	42.32	5288.72	5331.04	---	---
		5510	41.84	5489.12	5530.96	---	---
		5550	41.92	5528.96	5570.88	---	---

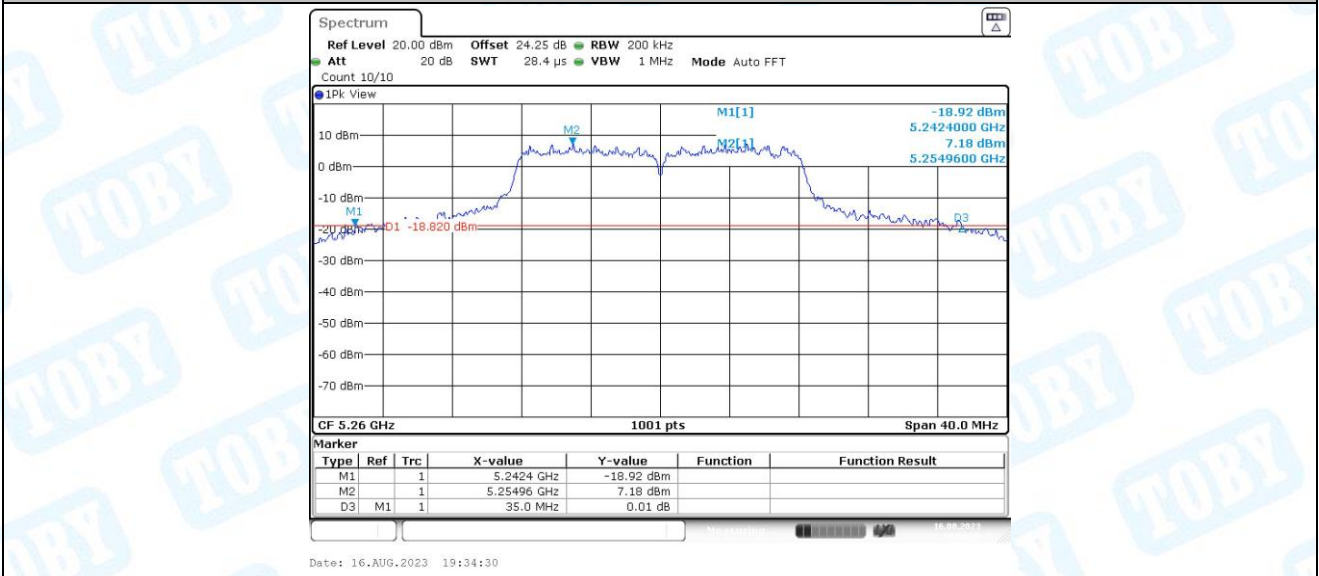
		5670	42.08	5648.96	5691.04	---	---
11AC80SISO	Ant1	5210	80.80	5170.00	5250.80	---	---
		5290	83.36	5249.04	5332.40	---	---
		5530	80.80	5489.84	5570.64	---	---
		5610	80.32	5569.68	5650.00	---	---

2.1. Test Graphs

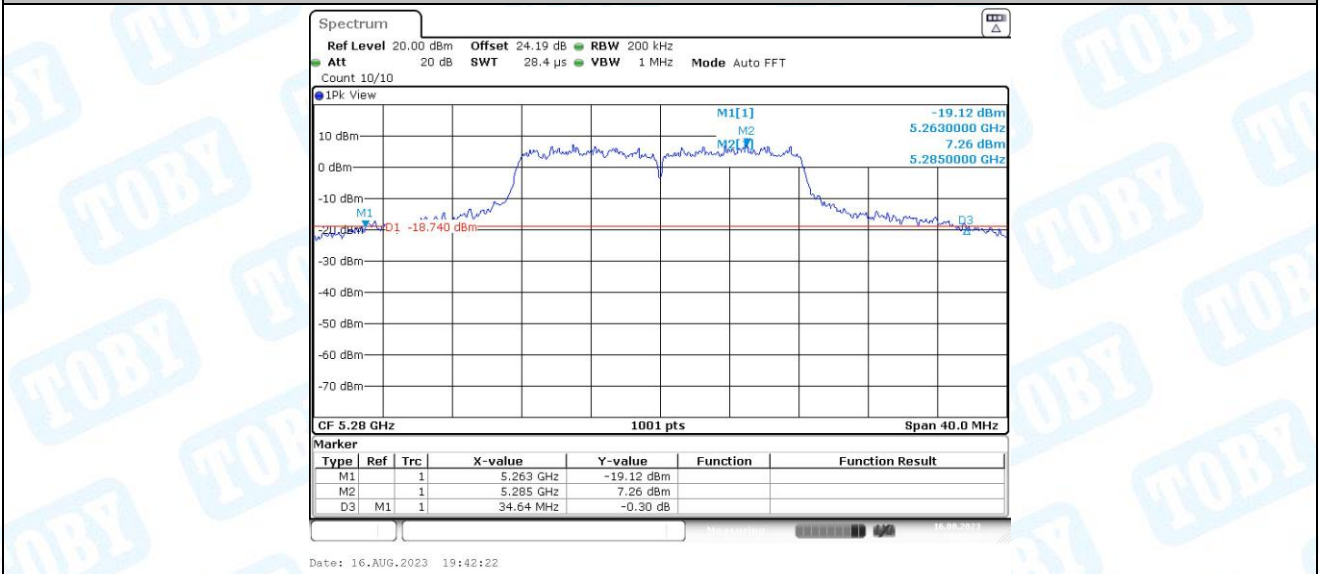




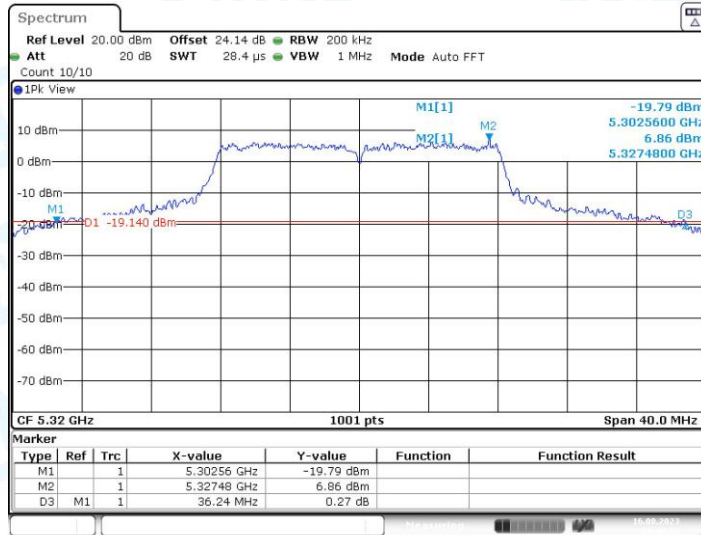
11A_Ant1_5260



11A_Ant1_5280

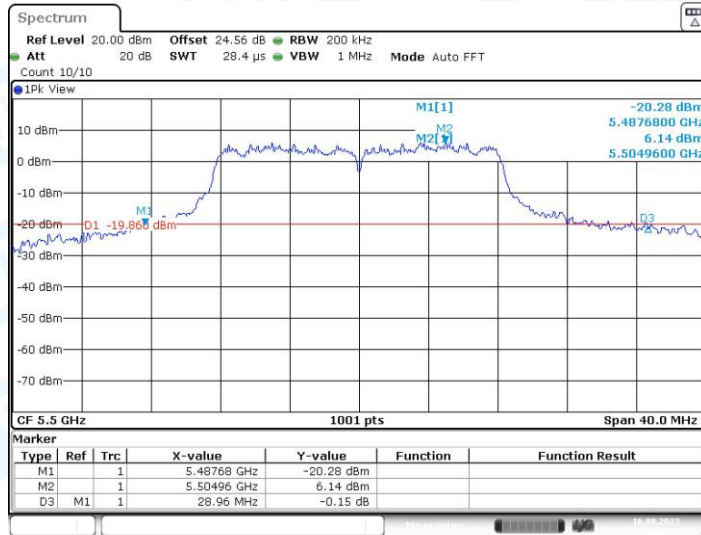


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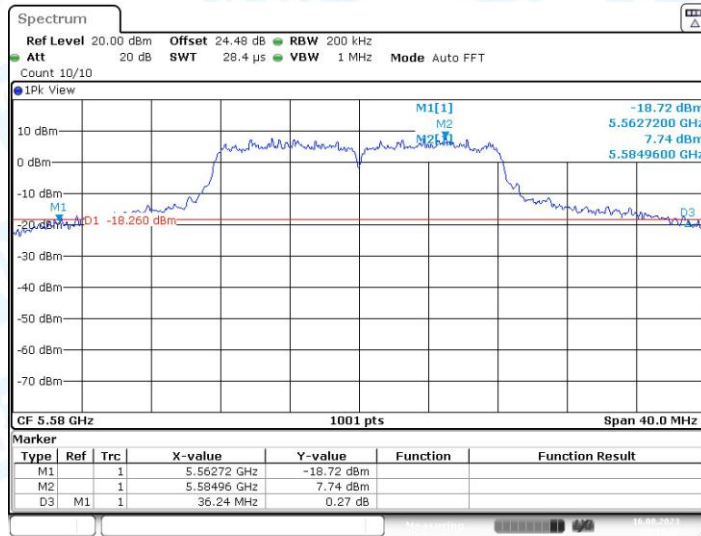
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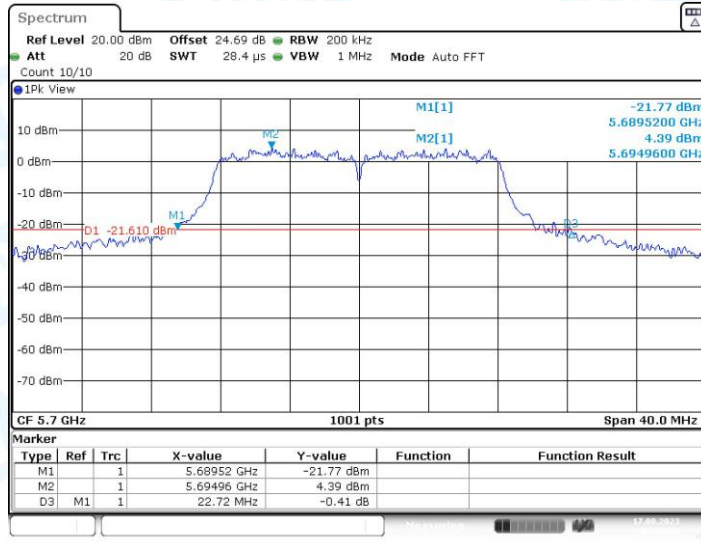
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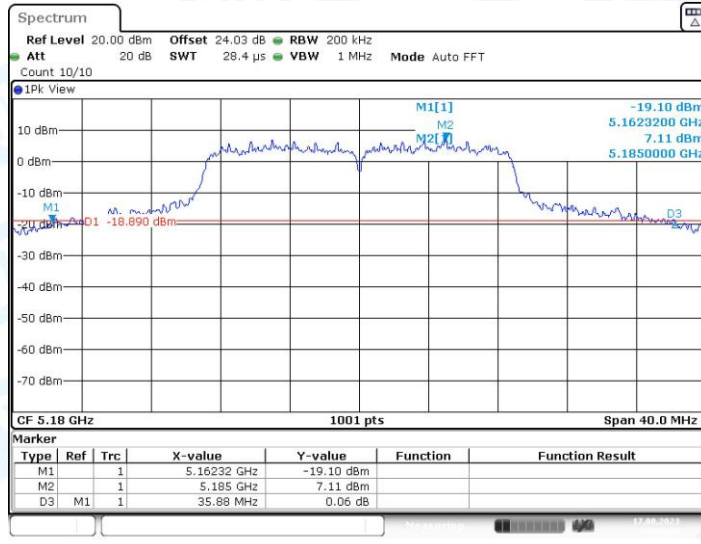
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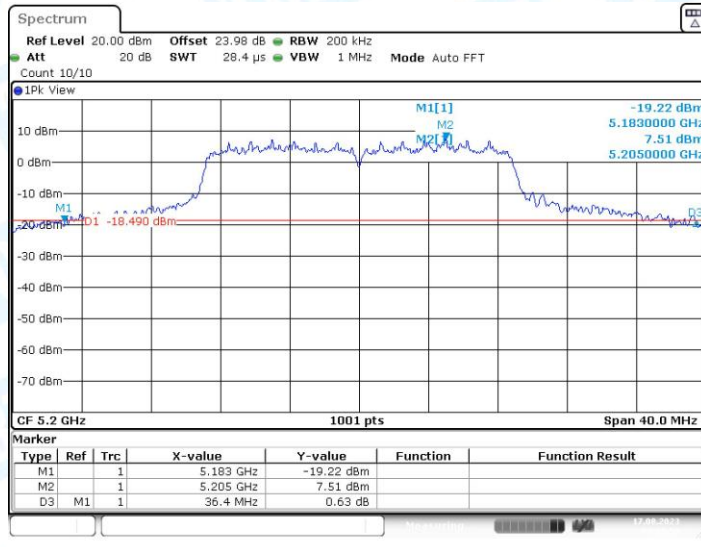
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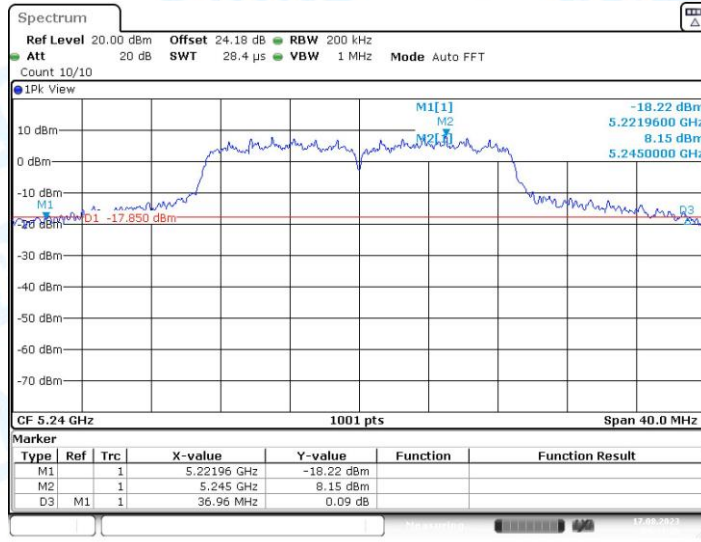
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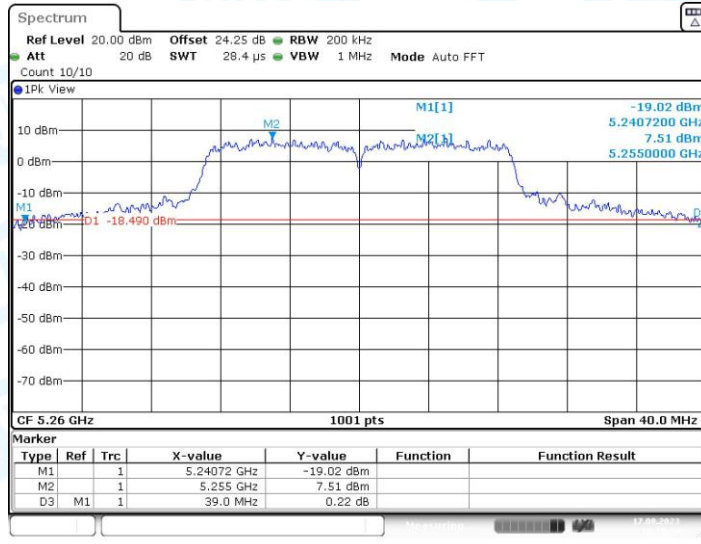
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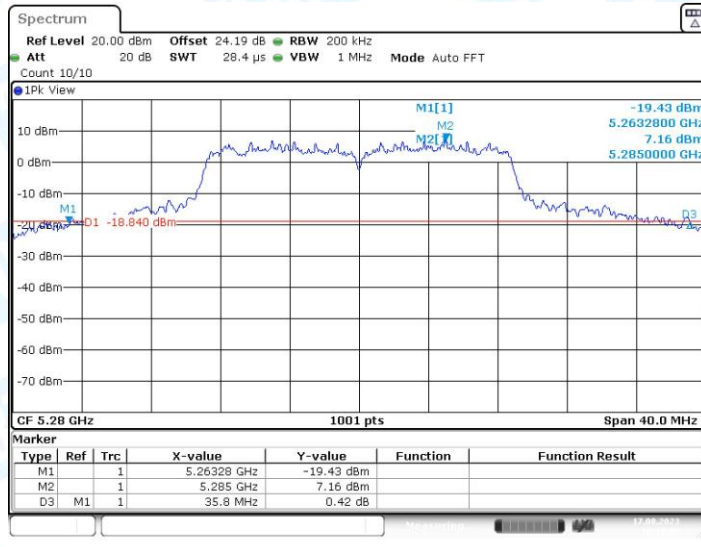
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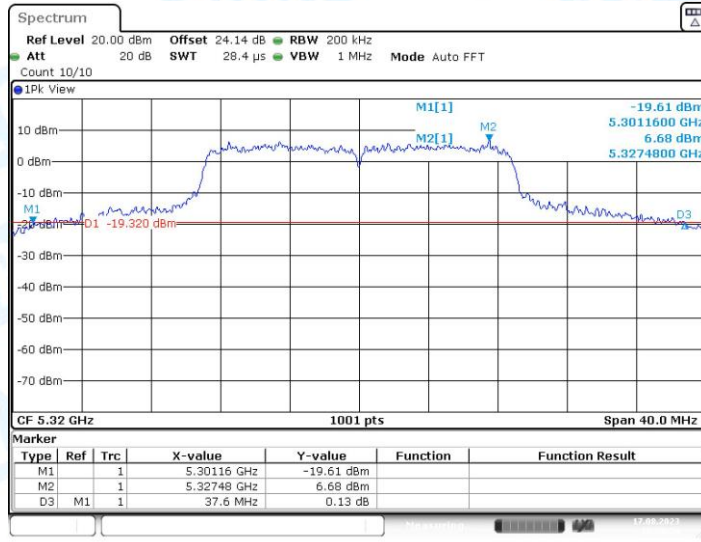
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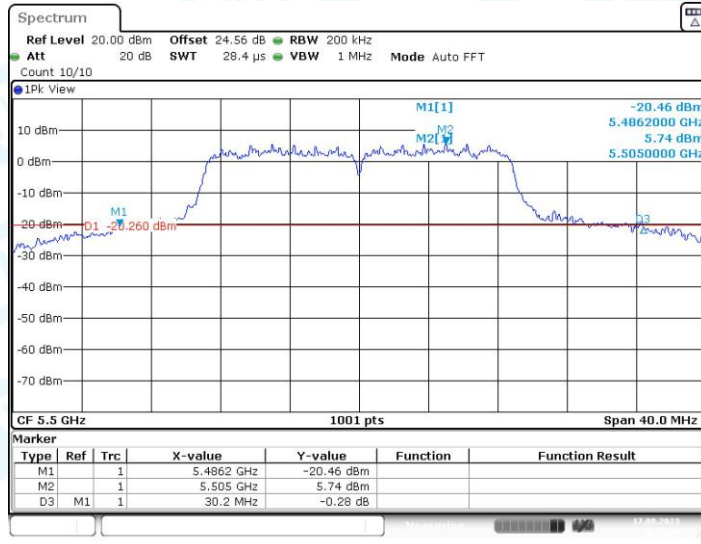
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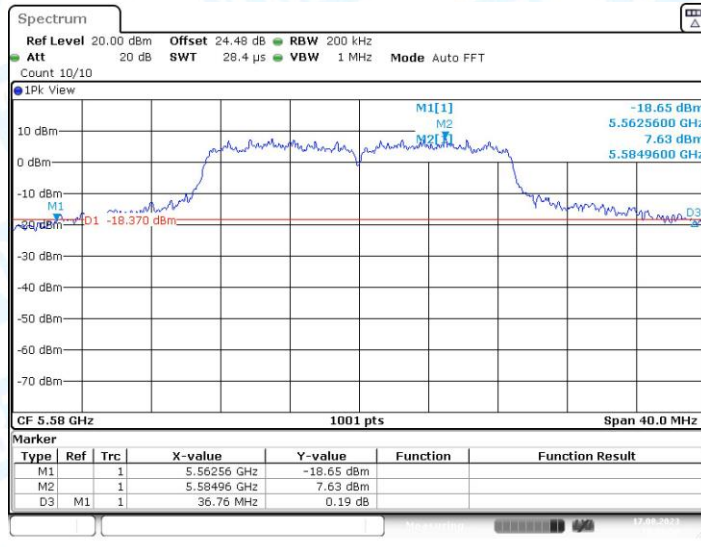
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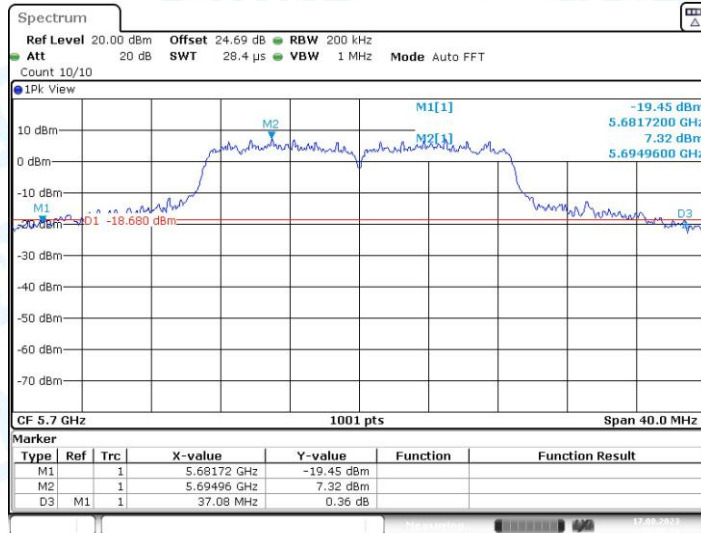
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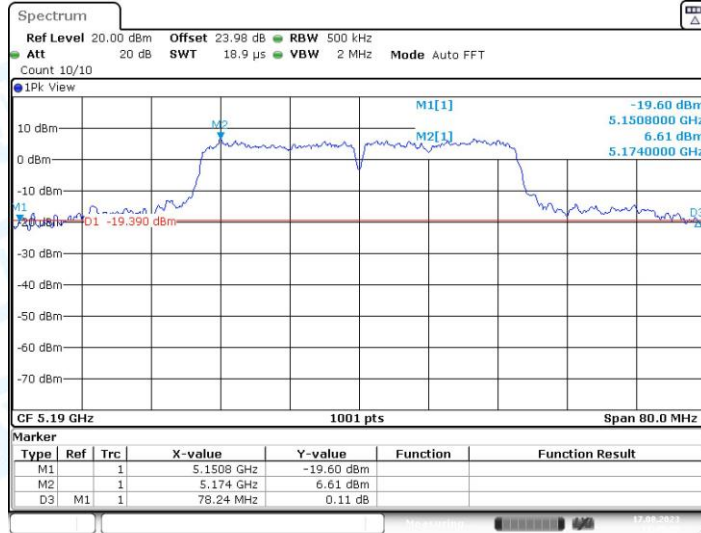
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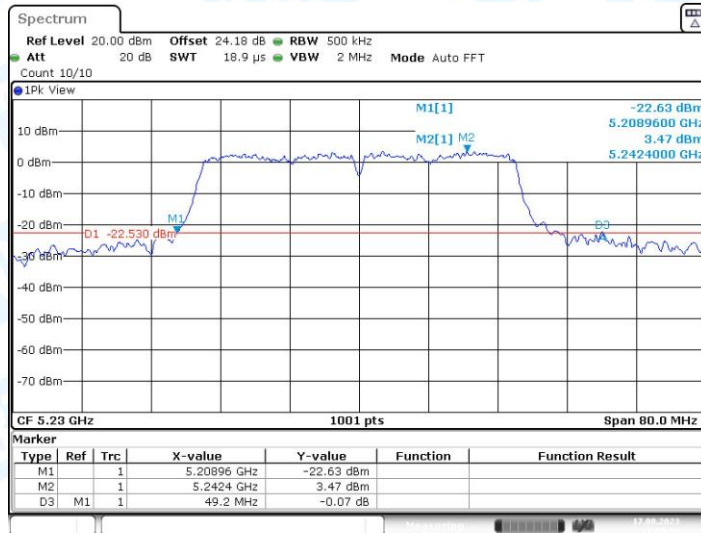
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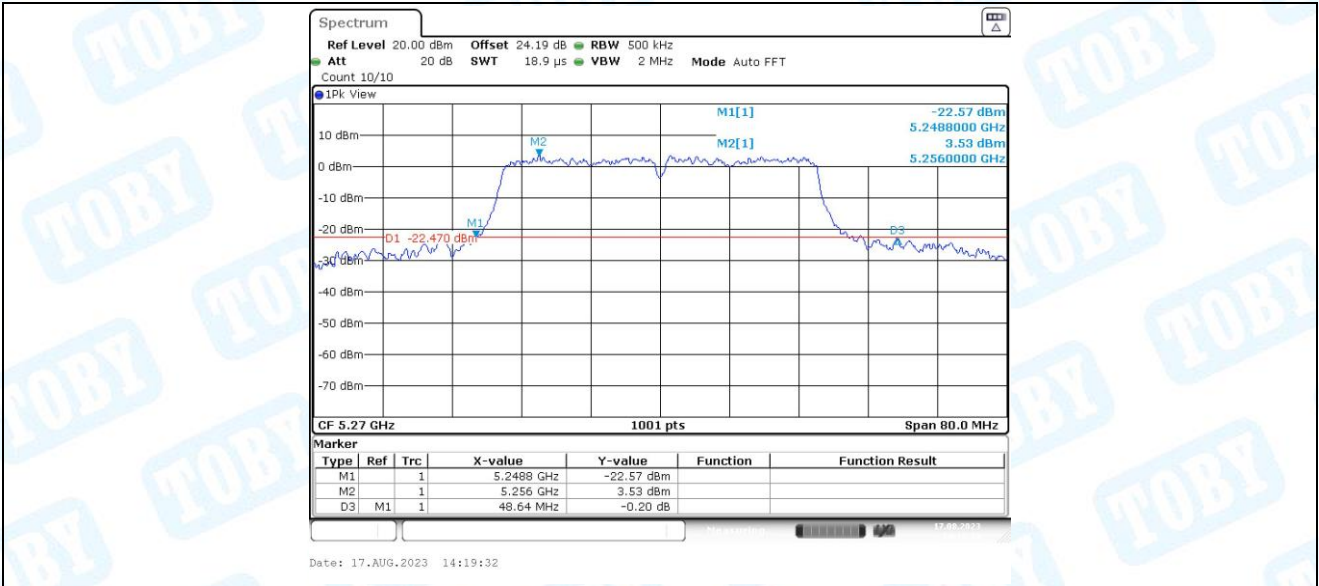
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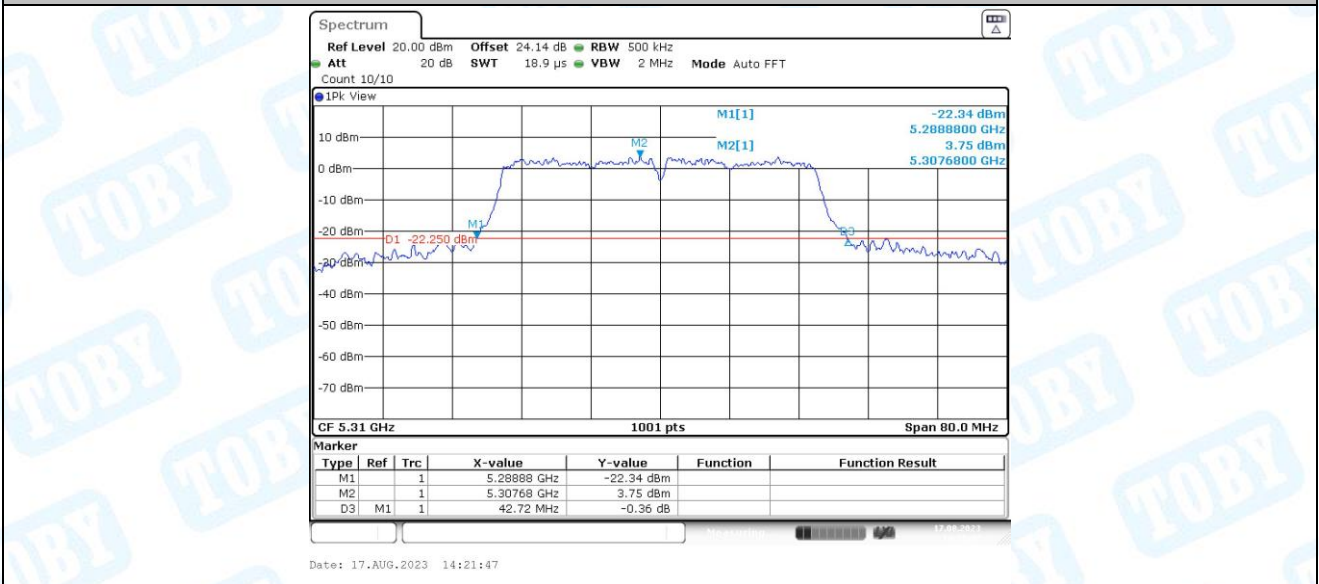


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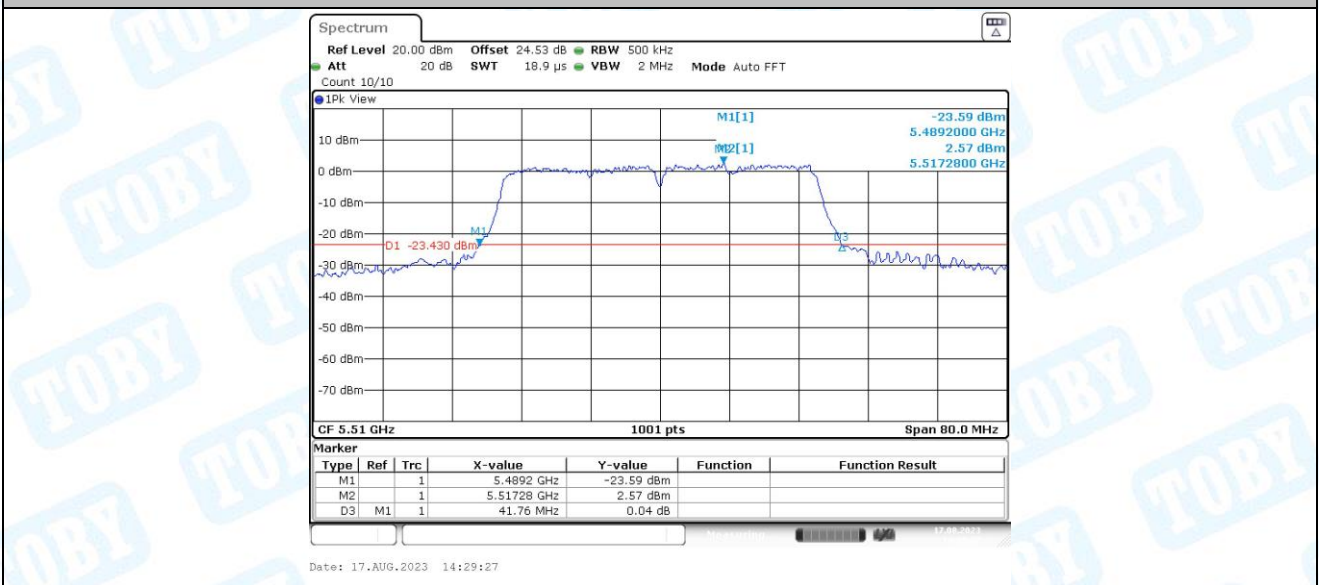
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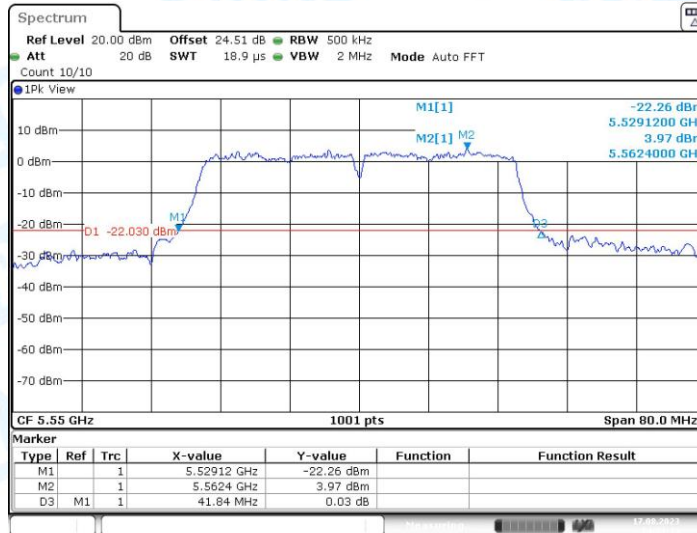
11N40SISO_Ant1_5310



11N40SISO_Ant1_5510

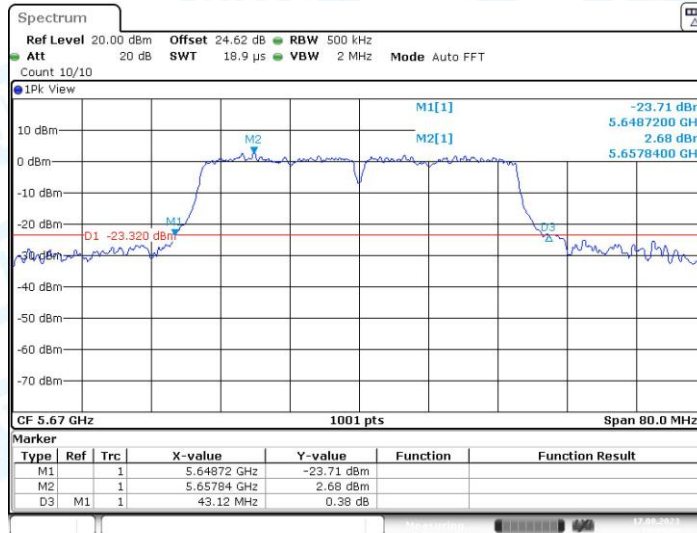


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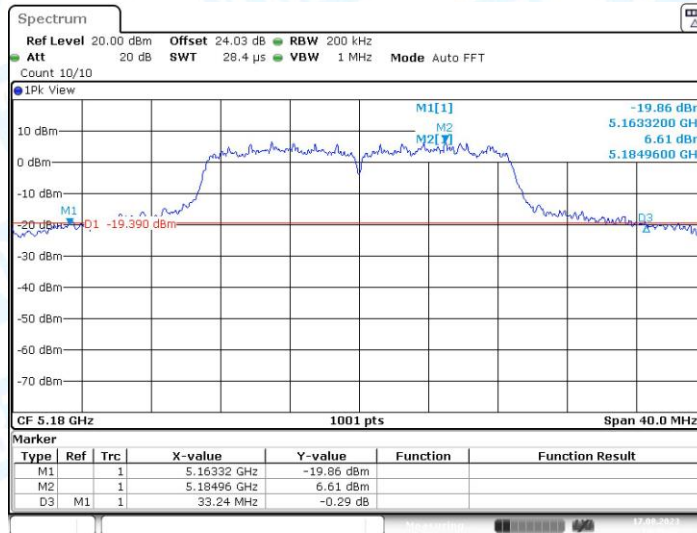
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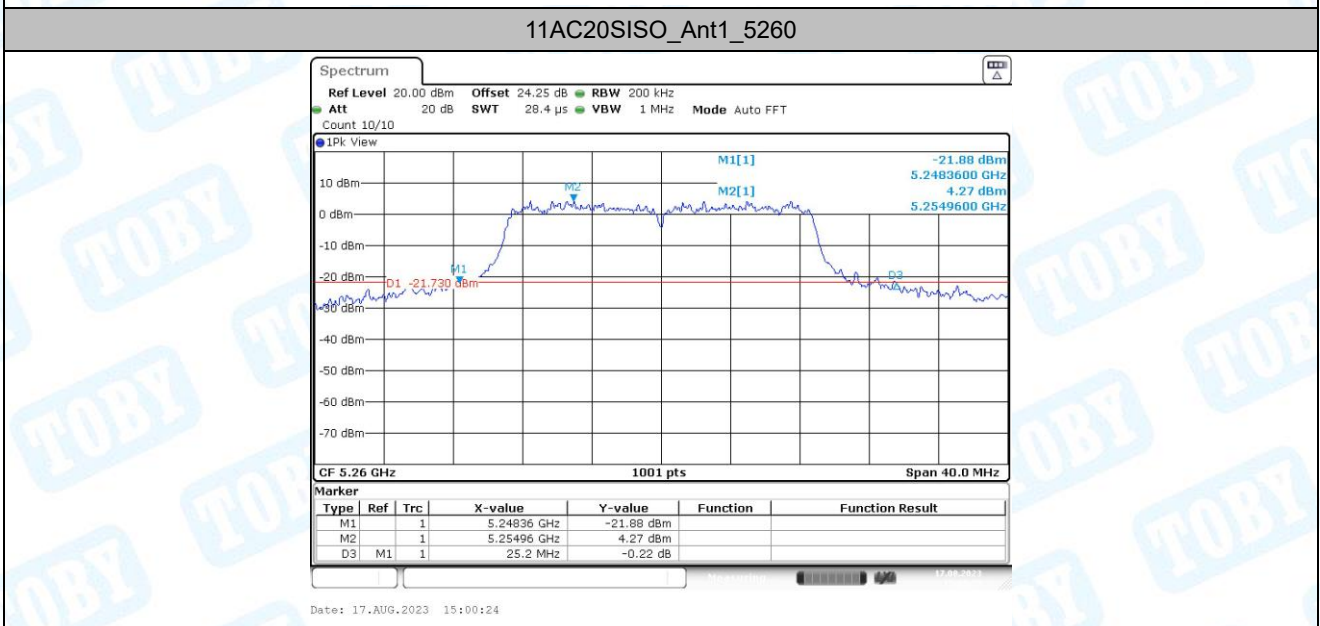
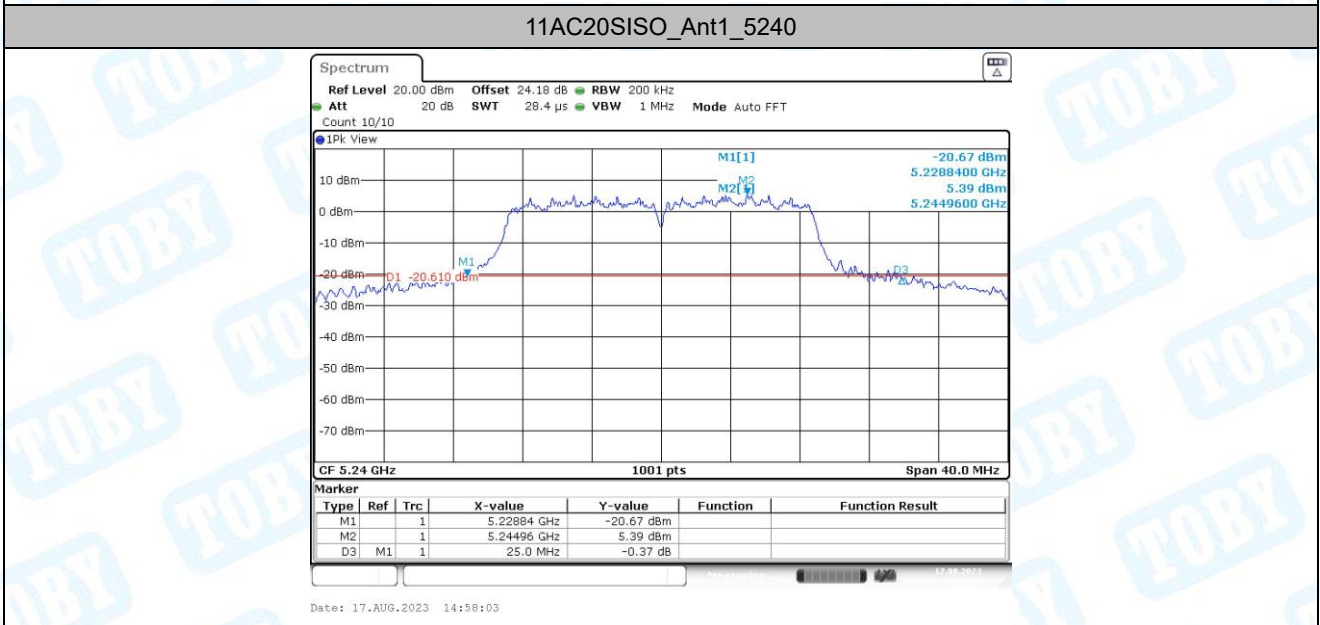
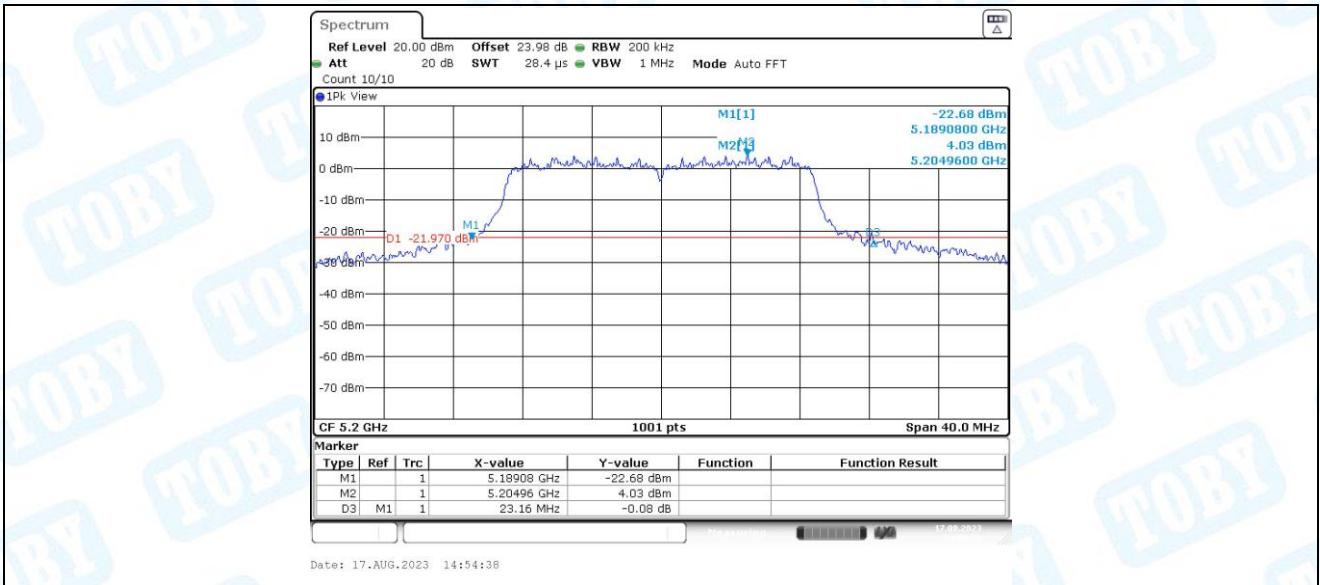
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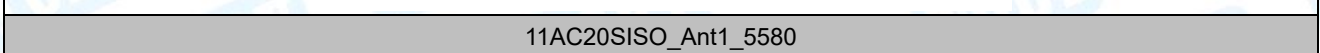
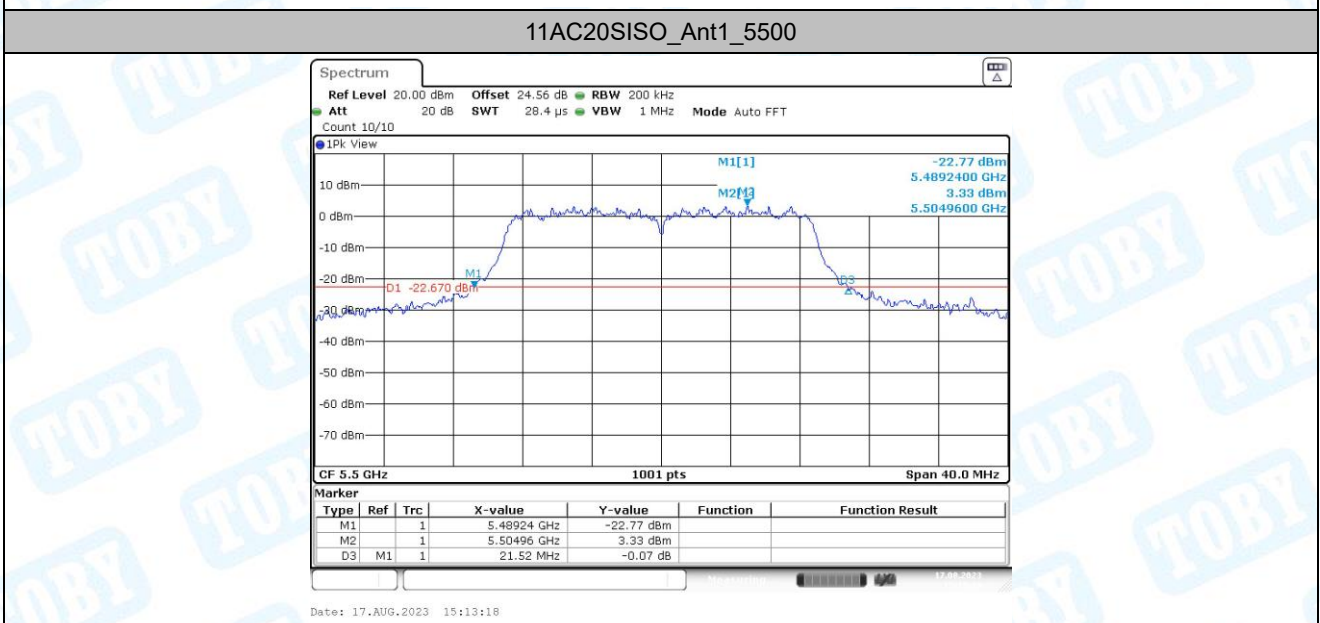
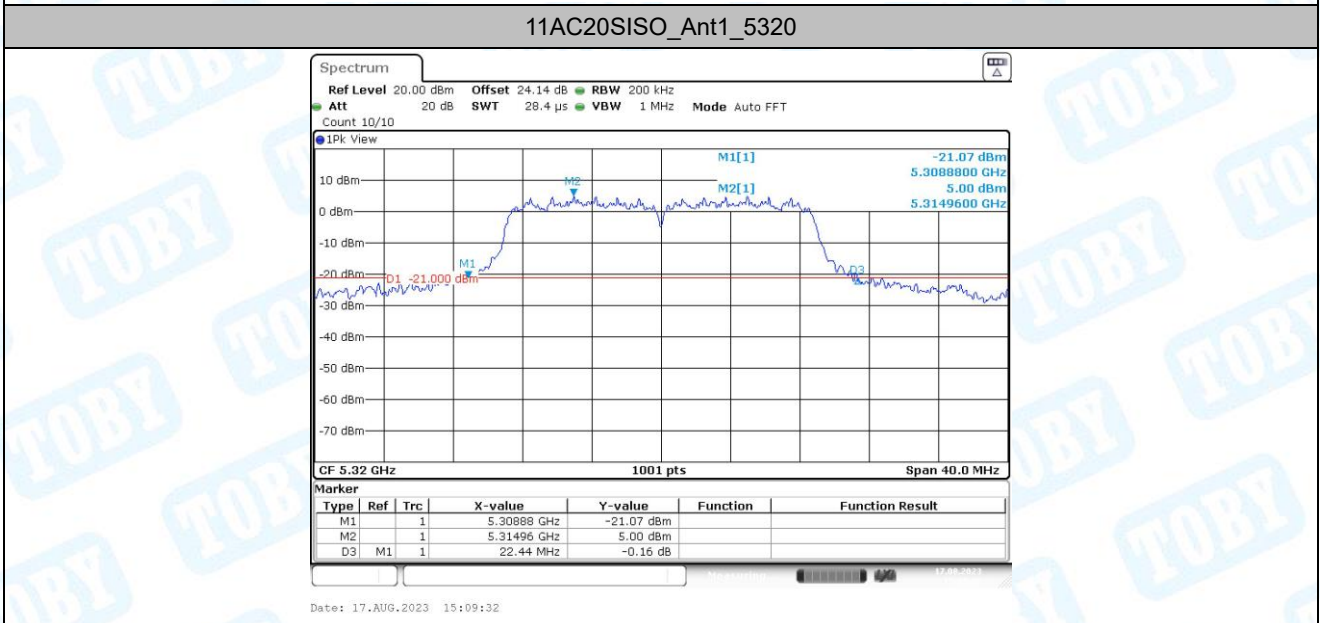
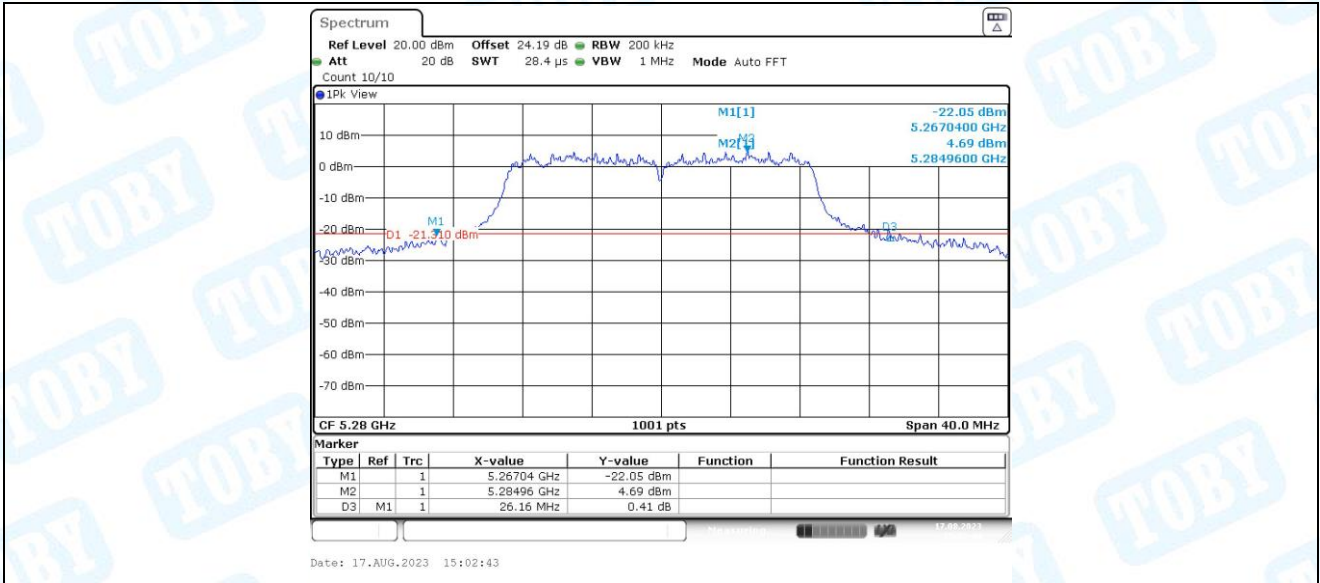
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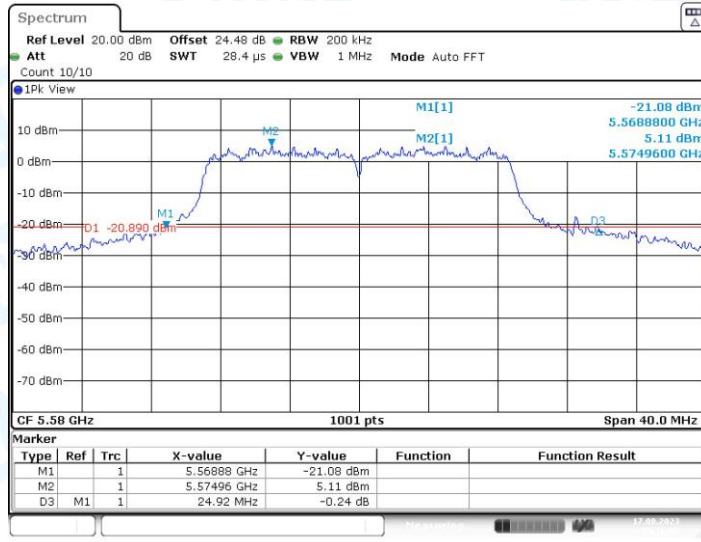


Date: 17.AUG.2023 14:46:22

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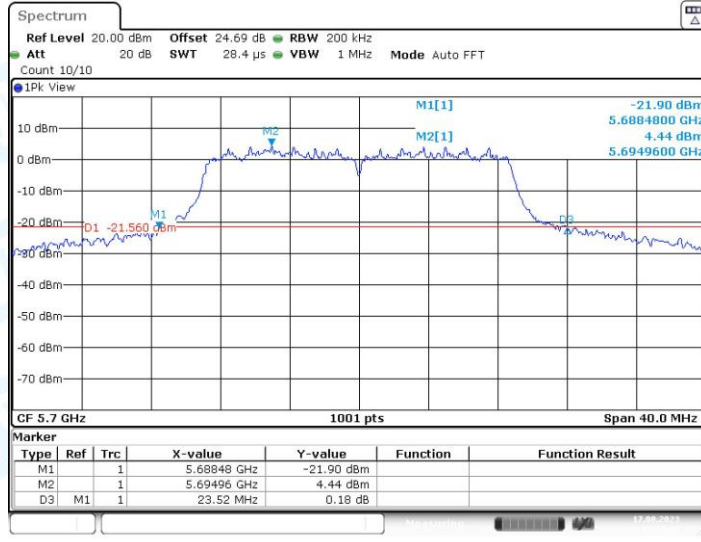






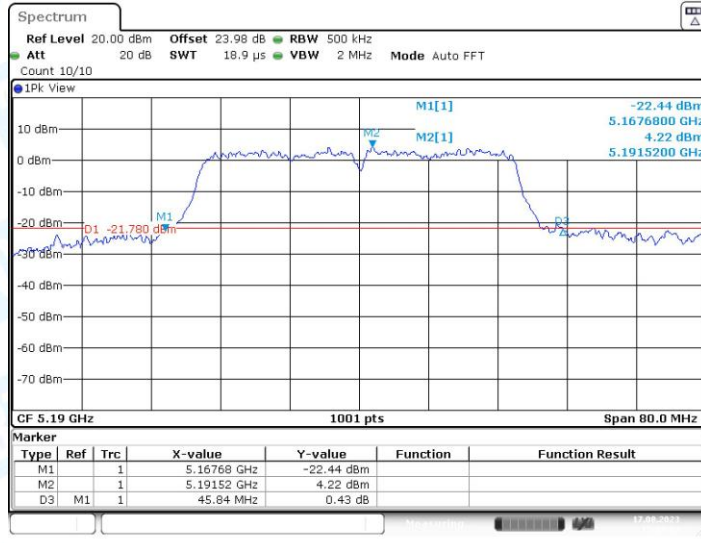
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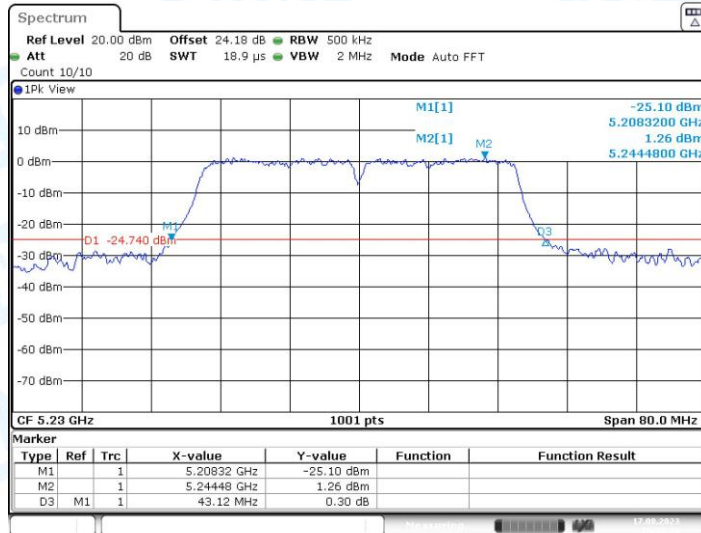
Date: 17.AUG.2023 15:19:21

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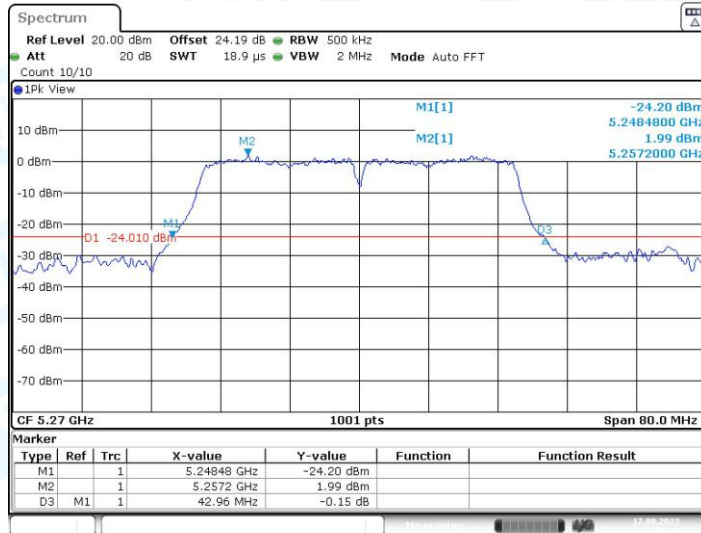
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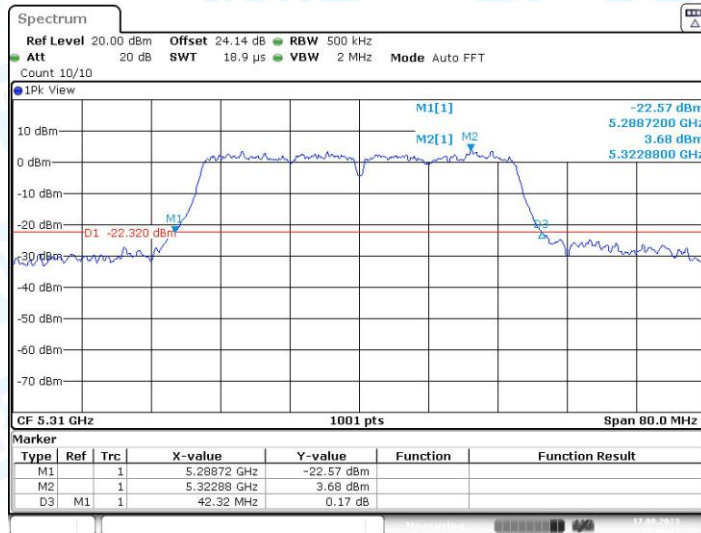
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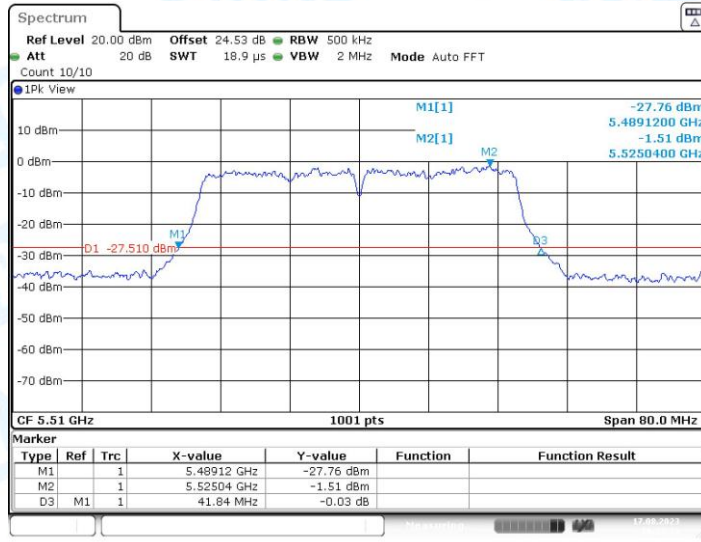
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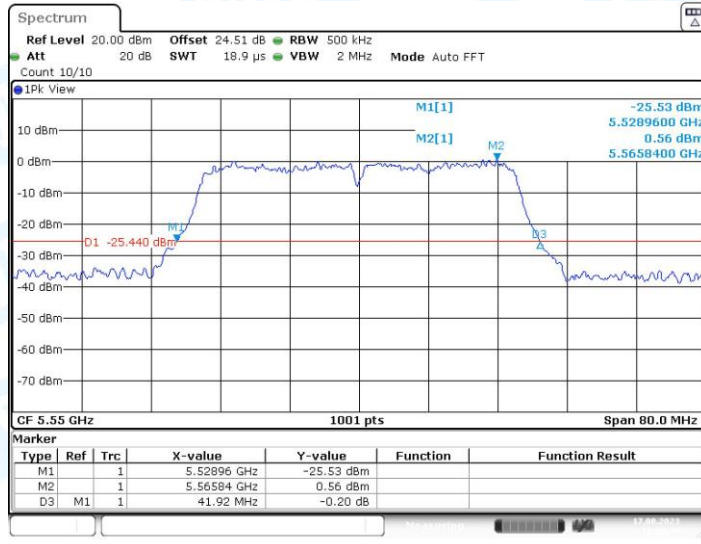


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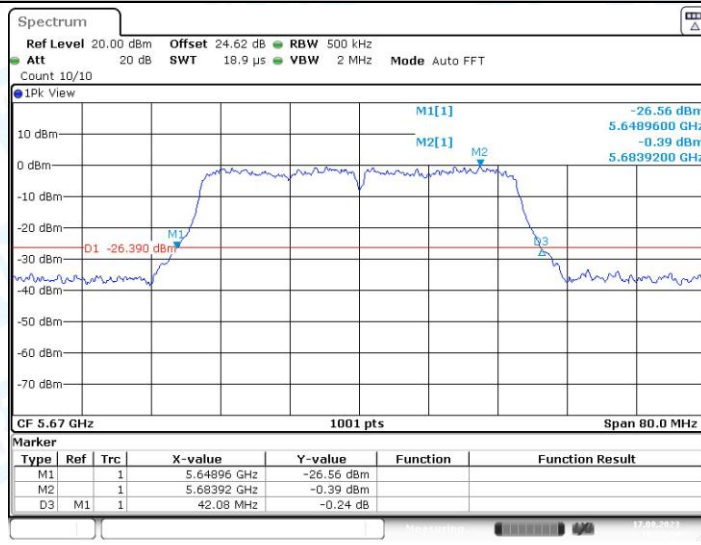
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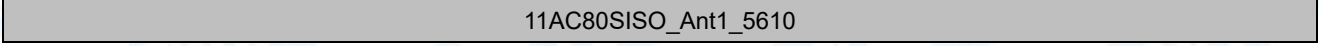
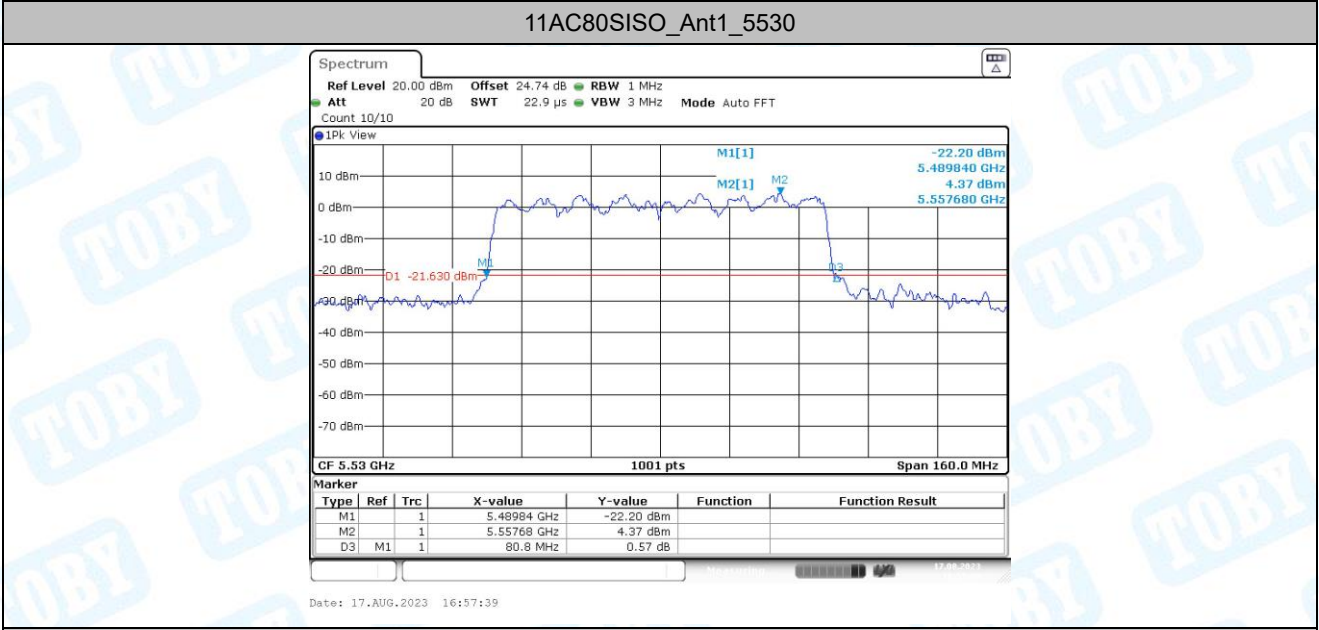
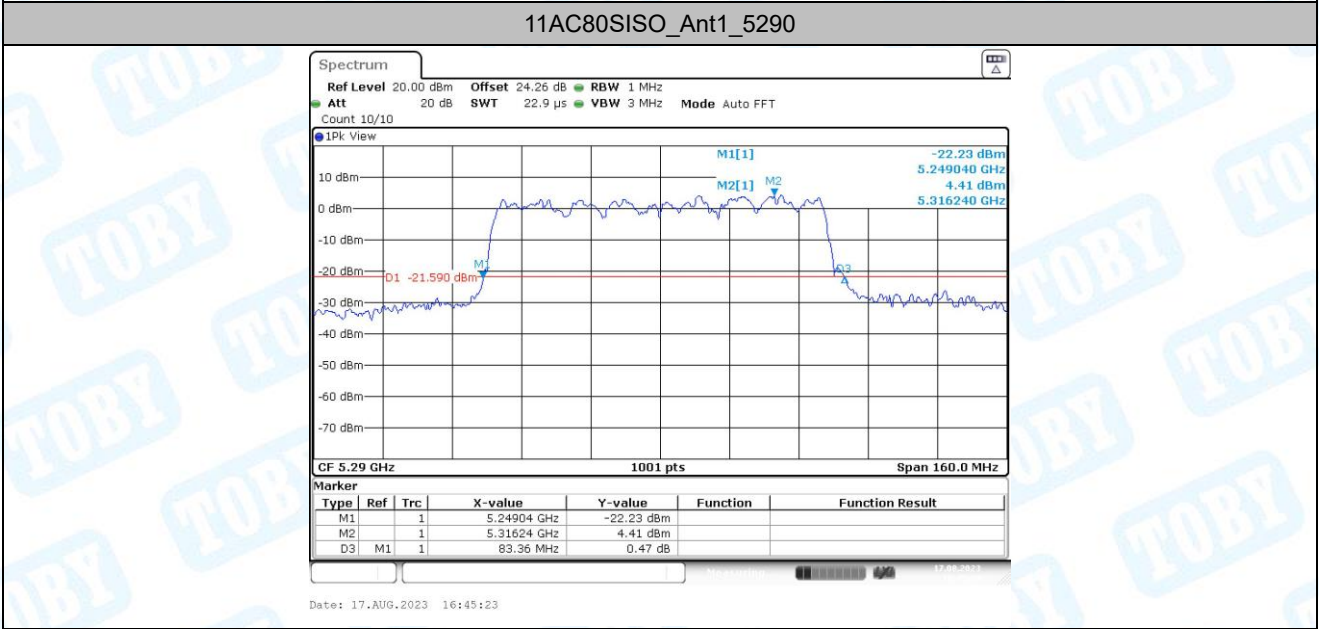
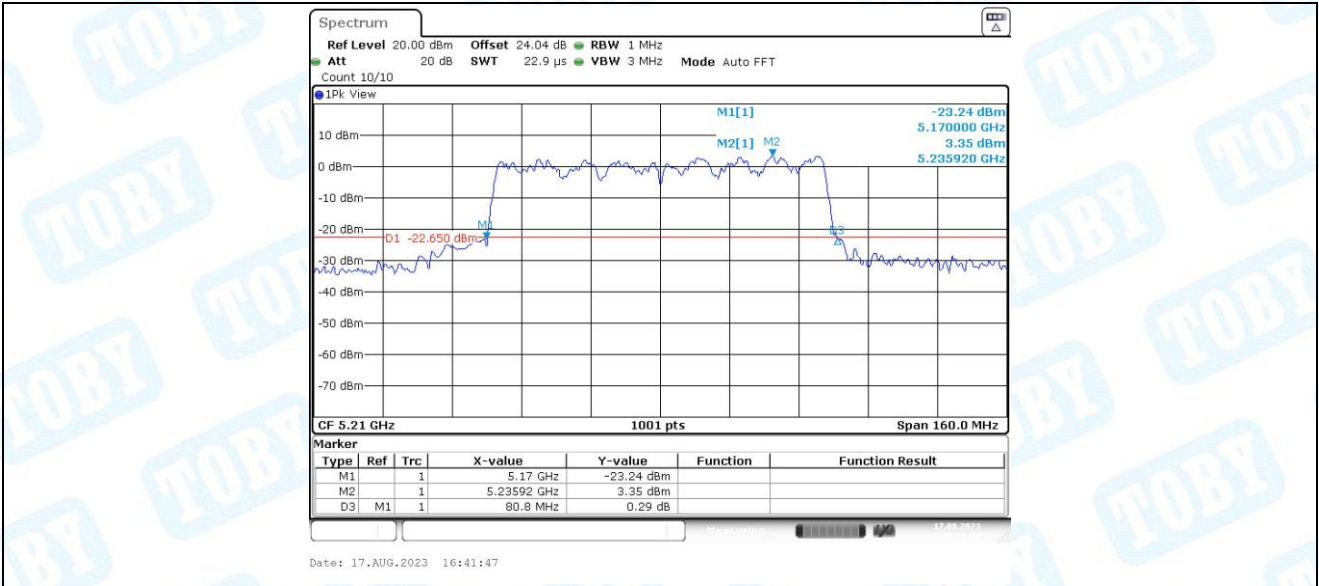
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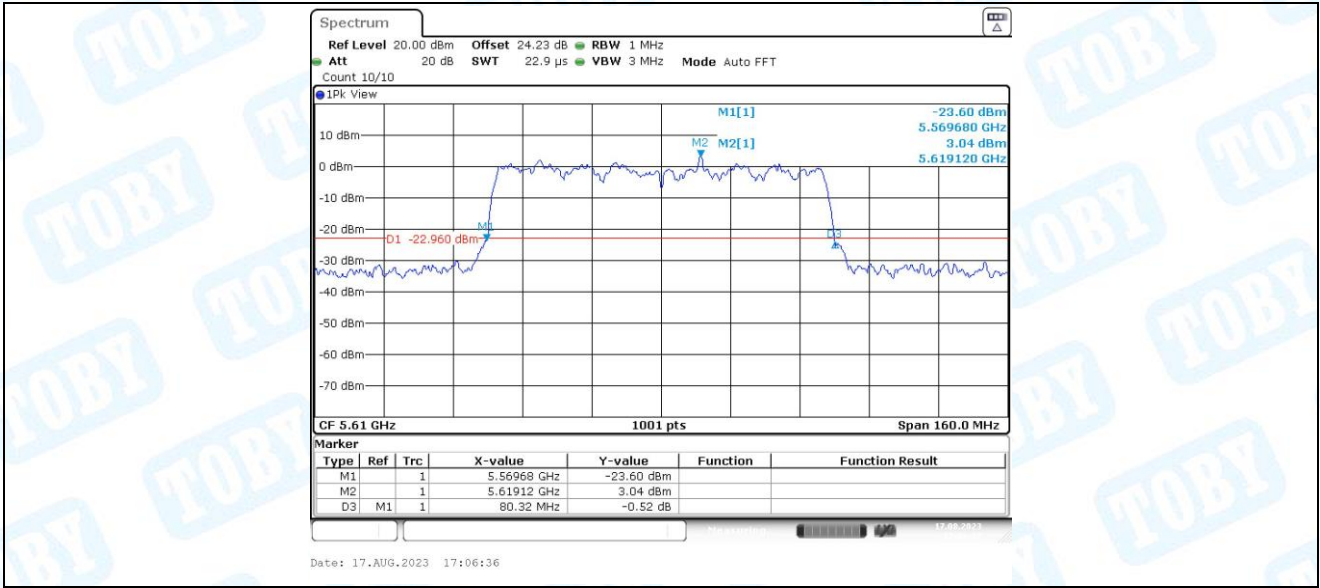


11AC40SISO_Ant1_5670



11AC80SISO_Ant1_5210





2. Occupied channel bandwidth

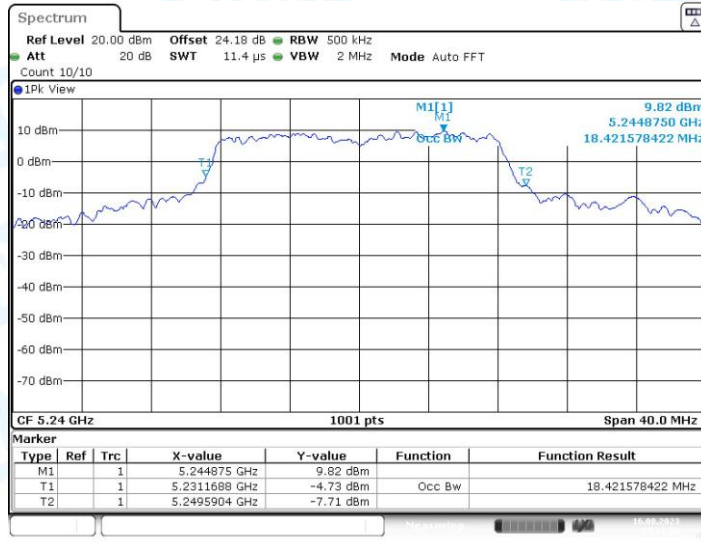
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.063	5171.3686	5188.4316	---	---
		5200	17.902	5191.1289	5209.0310	---	---
		5240	18.422	5231.1688	5249.5904	---	---
		5260	17.782	5251.1688	5268.9510	---	---
		5280	18.462	5270.7692	5289.2308	---	---
		5320	18.262	5310.8492	5329.1109	---	---
		5500	17.782	5491.0889	5508.8711	---	---
		5580	18.781	5570.8891	5589.6703	---	---
		5700	17.702	5691.4086	5709.1109	---	---
		5745	19.94	5735.2098	5755.1499	---	---
		5785	22.178	5774.7702	5796.9481	---	---
		5825	21.818	5814.5305	5836.3487	---	---
11N20SISO	Ant1	5180	19.5	5170.6893	5190.1898	---	---
		5200	19.5	5190.6494	5210.1499	---	---
		5240	21.379	5229.8501	5251.2288	---	---
		5260	20.02	5250.0500	5270.0699	---	---
		5280	20.3	5270.3696	5290.6693	---	---
		5320	20.899	5308.8511	5329.7502	---	---
		5500	18.821	5490.8891	5509.7103	---	---
		5580	19.301	5570.3297	5589.6304	---	---
		5700	19.5	5690.4096	5709.9101	---	---
		5745	19.221	5735.4096	5754.6304	---	---
		5785	19.141	5775.4895	5794.6304	---	---
		5825	19.82	5815.3696	5835.1898	---	---
11N40SISO	Ant1	5190	37.323	5171.3786	5208.7013	---	---
		5230	36.523	5211.7782	5248.3017	---	---
		5270	36.444	5251.7782	5288.2218	---	---
		5310	36.284	5291.7782	5328.0619	---	---
		5510	36.683	5491.6983	5528.3816	---	---
		5550	36.444	5531.9381	5568.3816	---	---
		5670	36.523	5651.6983	5688.2218	---	---
		5755	36.603	5736.6983	5773.3017	---	---
		5795	36.364	5776.7782	5813.1419	---	---
11AC20SISO	Ant1	5180	18.941	5170.6094	5189.5504	---	---
		5200	17.982	5190.9291	5208.9111	---	---
		5240	18.302	5230.9291	5249.2308	---	---
		5260	18.062	5250.9291	5268.9910	---	---
		5280	18.182	5271.0090	5289.1908	---	---
		5320	18.222	5310.9291	5329.1508	---	---
		5500	18.262	5491.0090	5509.2707	---	---

		5580	18.382	5570.9690	5589.3506	---	---
		5700	18.302	5690.9291	5709.2308	---	---
		5745	18.142	5735.9690	5754.1109	---	---
		5785	18.062	5776.0090	5794.0709	---	---
		5825	18.062	5815.9291	5833.9910	---	---
11AC40SISO	Ant1	5190	36.763	5171.6983	5208.4615	---	---
		5230	36.843	5211.6983	5248.5415	---	---
		5270	36.444	5251.8581	5288.3017	---	---
		5310	36.603	5291.7782	5328.3816	---	---
		5510	36.683	5491.7782	5528.4615	---	---
		5550	36.444	5531.7782	5568.2218	---	---
		5670	36.204	5651.8581	5688.0619	---	---
		5755	36.523	5736.6983	5773.2218	---	---
11AC80SISO	Ant1	5210	76.563	5171.6384	5248.2018	---	---
		5290	76.084	5251.9580	5328.0420	---	---
		5530	76.244	5491.7982	5568.0420	---	---
		5610	76.404	5571.4785	5647.8821	---	---
		5775	76.404	5736.7982	5813.2018	---	---

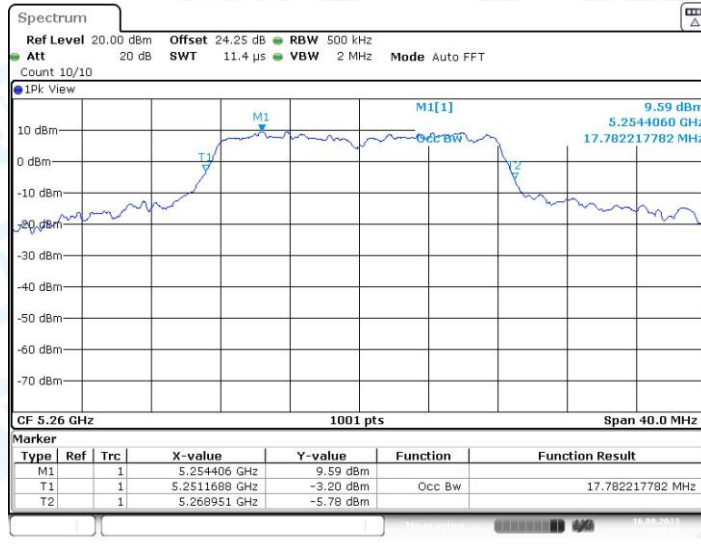
2.2. Test Graphs





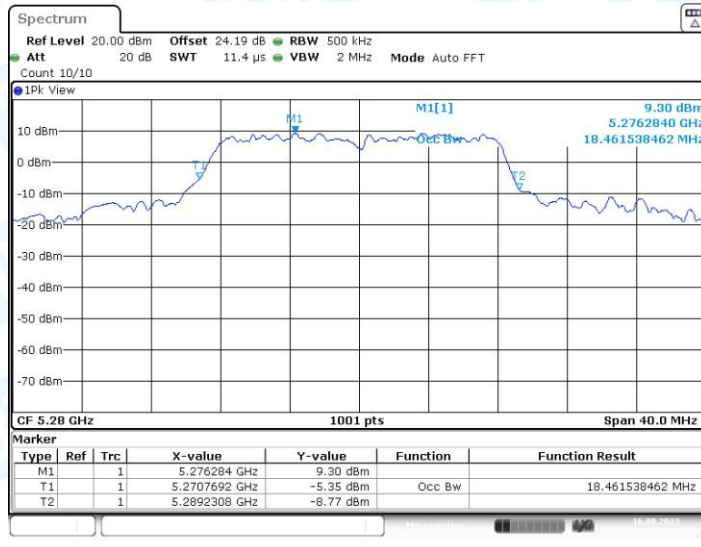
Date: 16.AUG.2023 19:31:03

11A_Ant1_5260



Date: 16.AUG.2023 19:34:37

11A_Ant1_5280



Date: 16.AUG.2023 19:42:29

11A_Ant1_5320



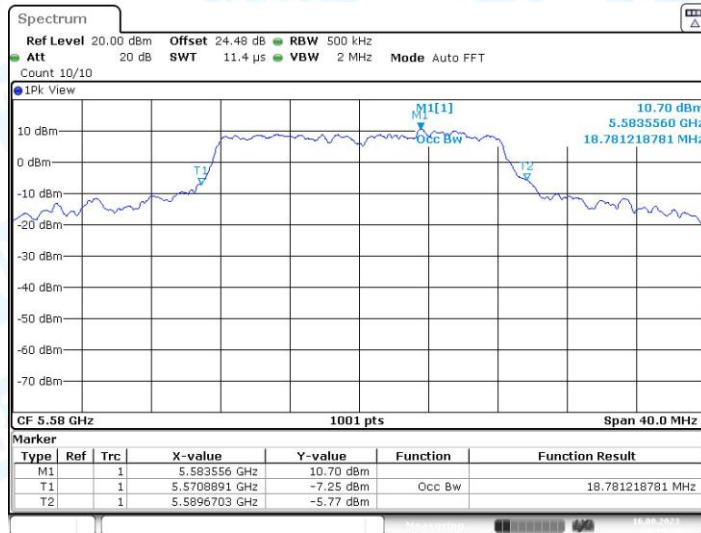
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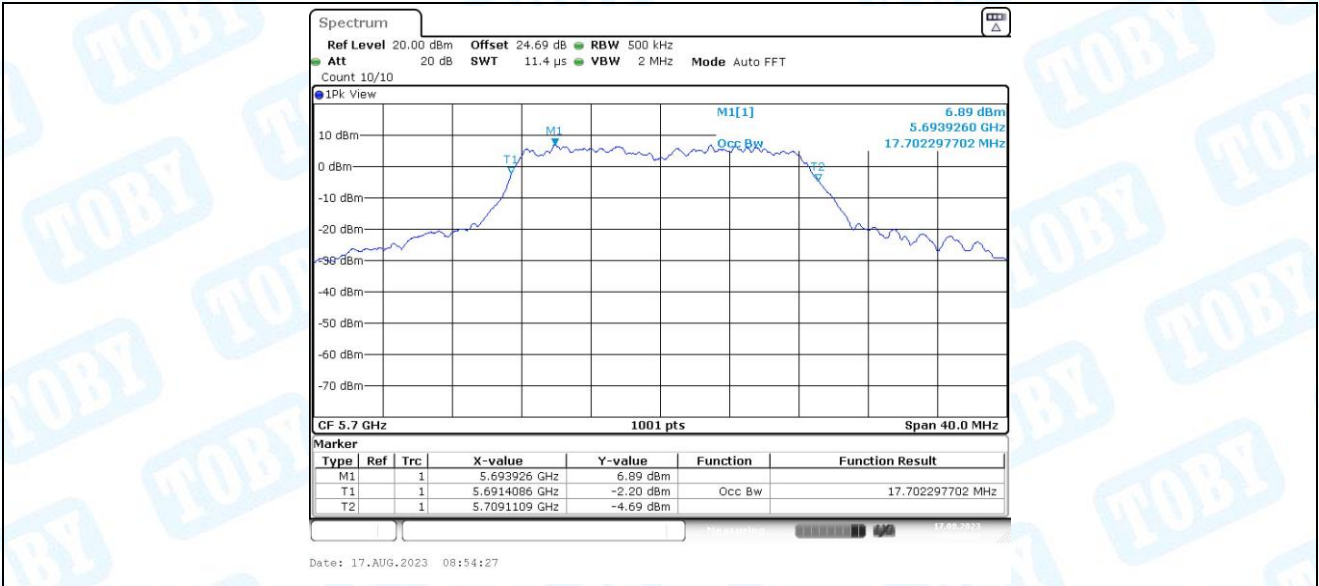
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11A_Ant1_5580

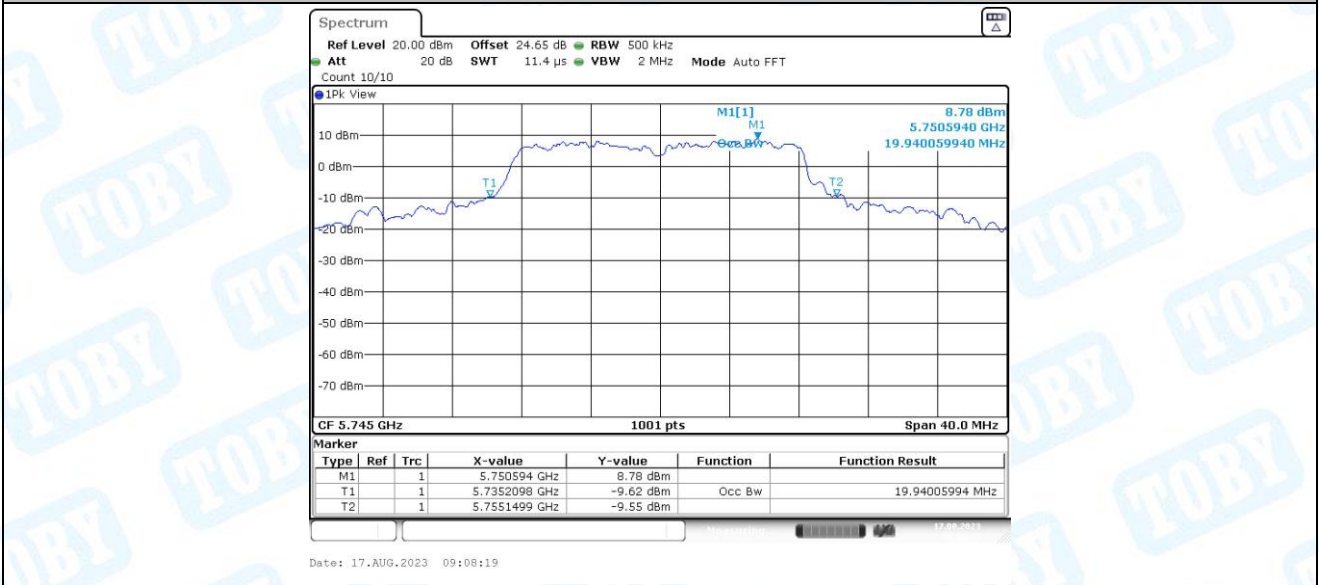


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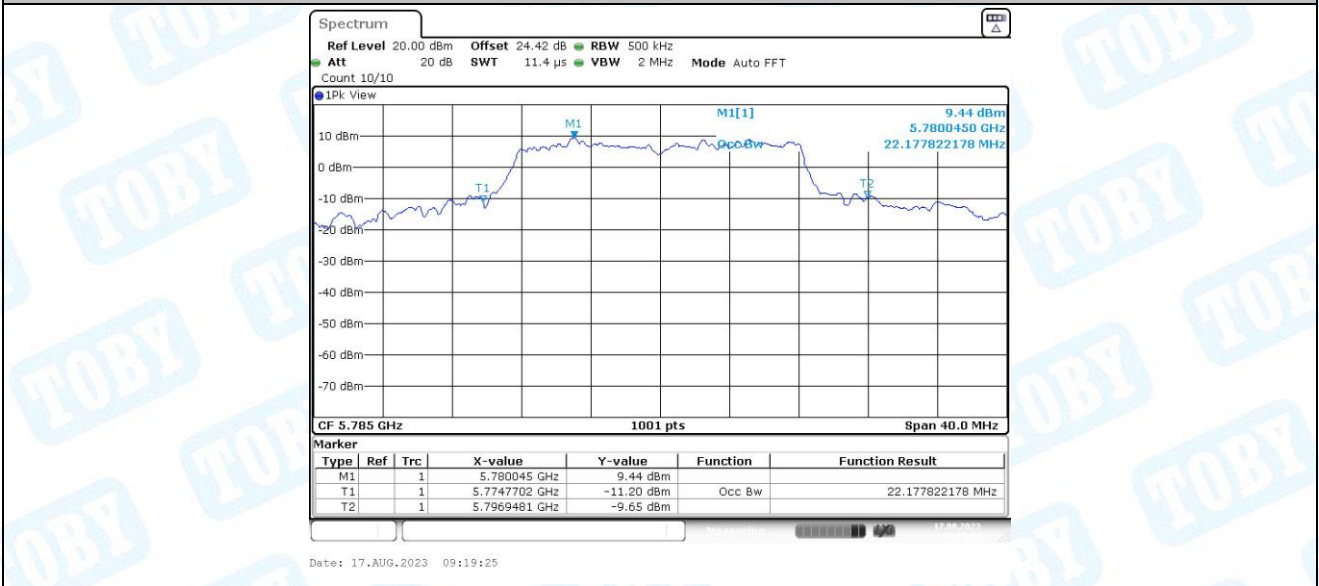
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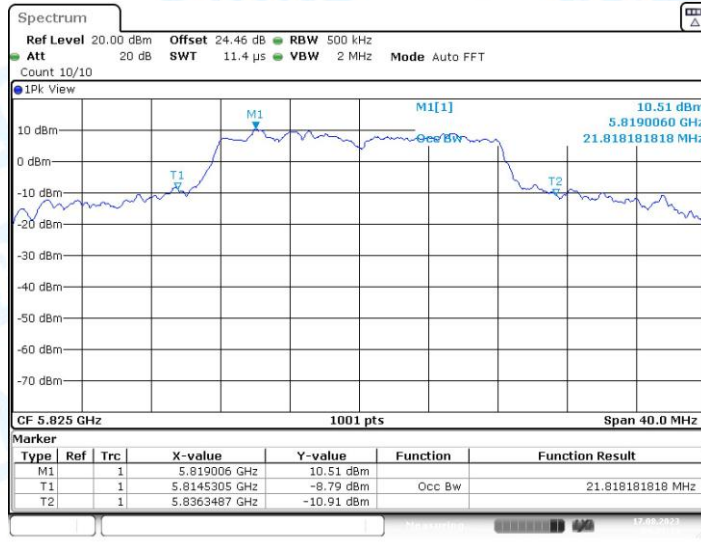
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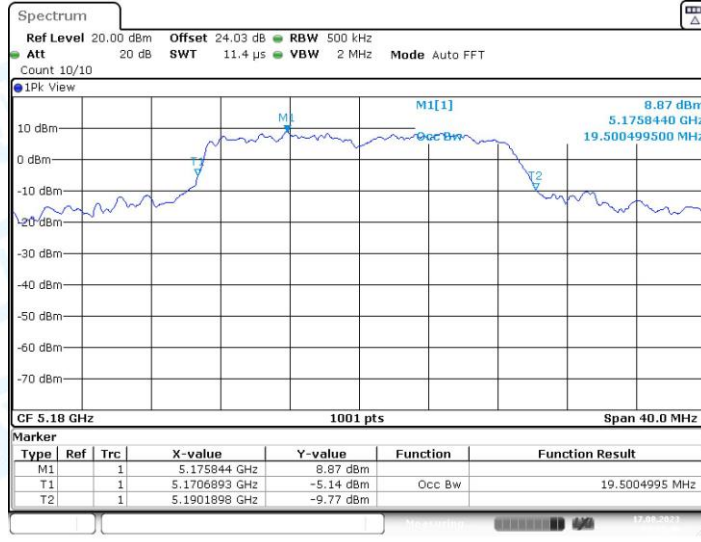


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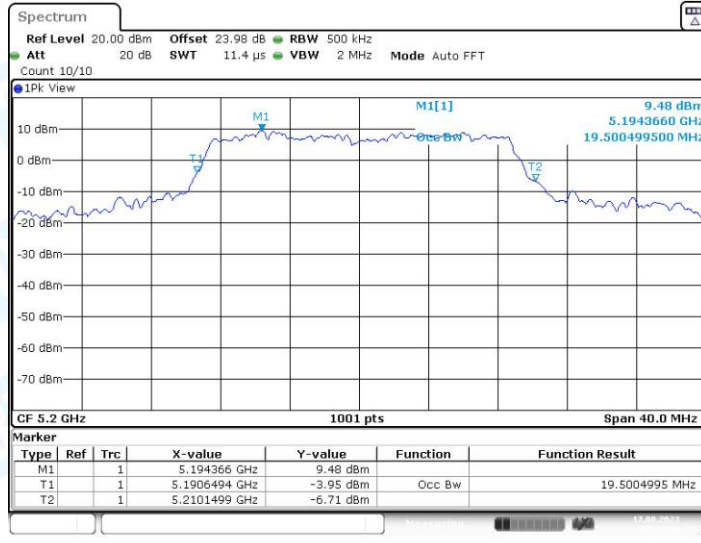
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11N20SISO_Ant1_5180



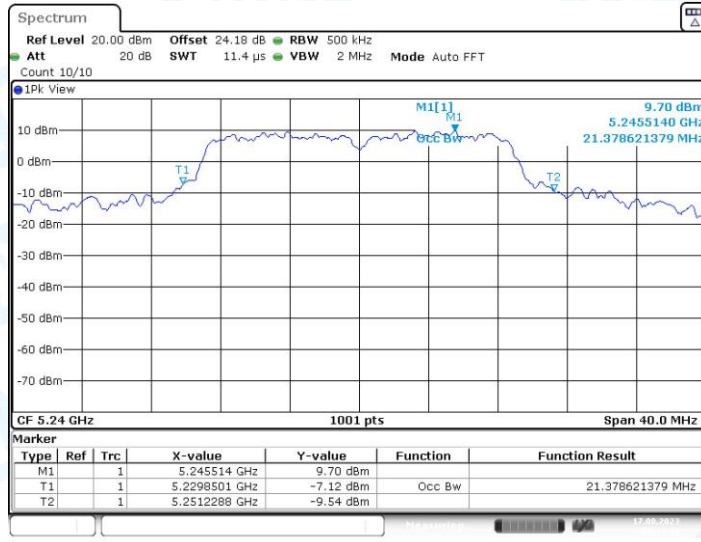
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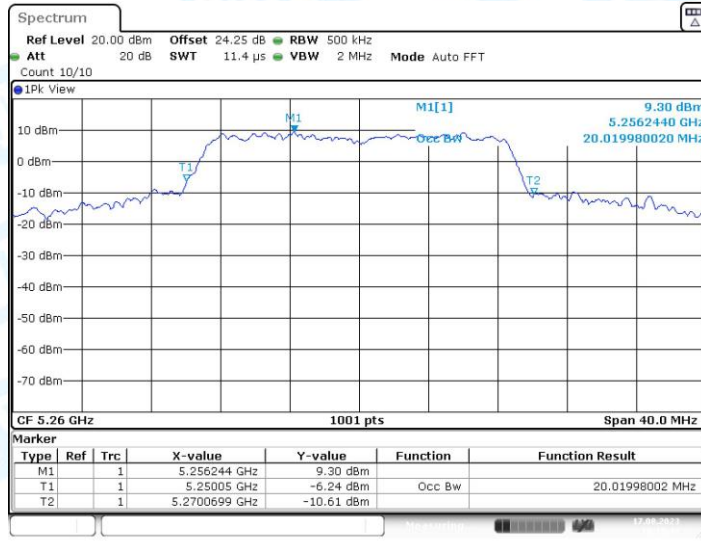
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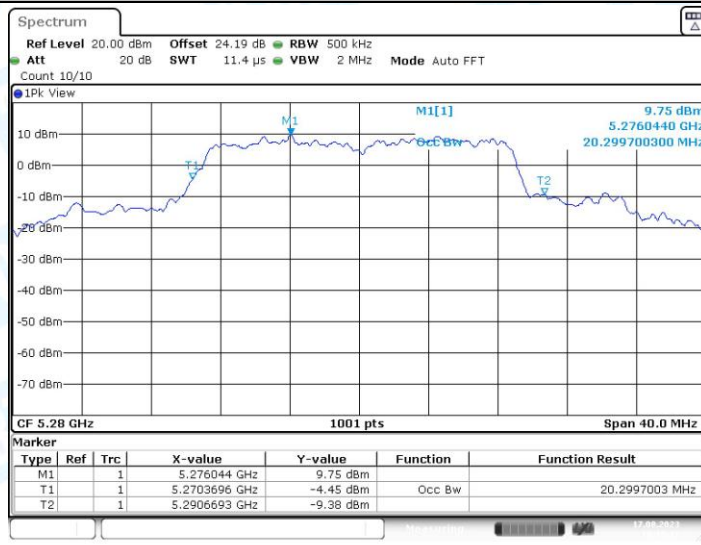
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11N20SISO_Ant1_5280



Date: 17.AUG.2023 10:18:12

11N20SISO_Ant1_5320