

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

General Description of EUT	
EUT Name:	Portable Gaming Computer(Tablet computer)
Model:	AYANEO Pocket ACE
Sample ID:	HC-C-202412-0243-01-01-2#
Test Standard:	FCC Part 15.407
Environmental Conditions	
Ambient Temperature:	25℃
Ambient Humidity:	45%RH
Test Power Supply:	DC 3.85V
Test Engineer:	Rick. chen
Note: For a more detailed features description, please refer to the report TBR-C-202412-0243-123	

Contents

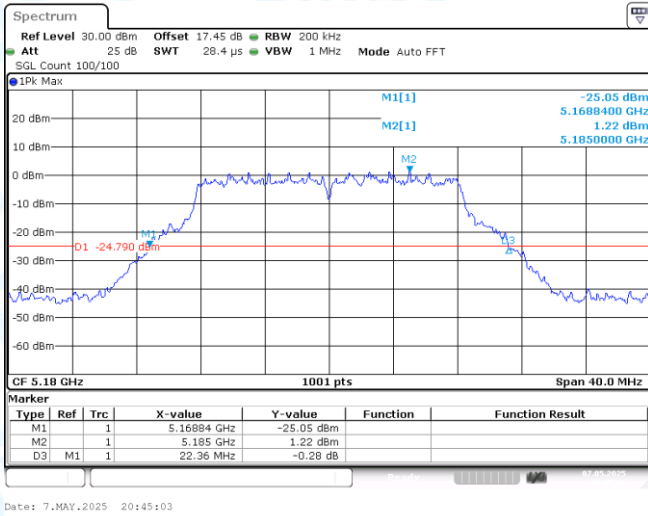
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1: Emission Bandwidth

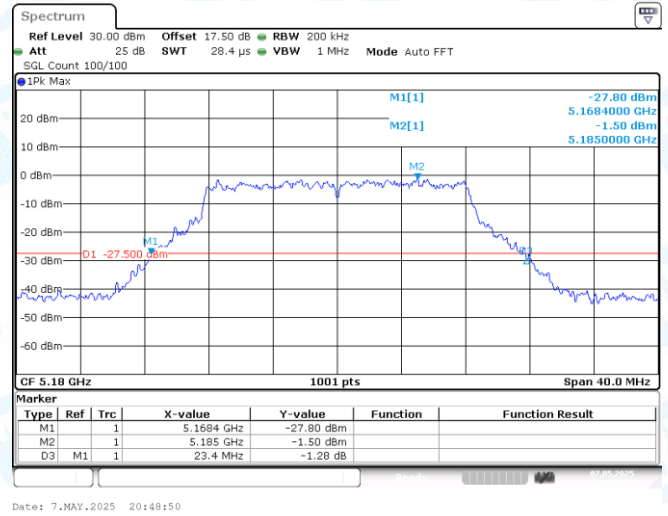
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	22.36	5168.84	5191.20	---	---
11A-CDD	Ant2	5180	23.40	5168.40	5191.80	---	---
11A-CDD	Ant1	5200	22.52	5188.72	5211.24	---	---
11A-CDD	Ant2	5200	23.24	5188.40	5211.64	---	---
11A-CDD	Ant1	5240	23.32	5228.28	5251.60	---	---
11A-CDD	Ant2	5240	23.08	5228.28	5251.36	---	---
11N20MIMO	Ant1	5180	23.16	5168.56	5191.72	---	---
11N20MIMO	Ant2	5180	23.36	5168.60	5191.96	---	---
11N20MIMO	Ant1	5200	23.40	5188.24	5211.64	---	---
11N20MIMO	Ant2	5200	23.48	5188.08	5211.56	---	---
11N20MIMO	Ant1	5240	23.32	5228.56	5251.88	---	---
11N20MIMO	Ant2	5240	23.16	5228.32	5251.48	---	---
11N40MIMO	Ant1	5190	43.76	5168.08	5211.84	---	---
11N40MIMO	Ant2	5190	43.20	5168.48	5211.68	---	---
11N40MIMO	Ant1	5230	44.80	5207.68	5252.48	---	---
11N40MIMO	Ant2	5230	42.64	5208.40	5251.04	---	---
11AC20MIMO	Ant1	5180	23.52	5168.24	5191.76	---	---
11AC20MIMO	Ant2	5180	23.72	5168.04	5191.76	---	---
11AC20MIMO	Ant1	5200	23.16	5188.32	5211.48	---	---
11AC20MIMO	Ant2	5200	23.20	5188.56	5211.76	---	---
11AC20MIMO	Ant1	5240	23.08	5228.40	5251.48	---	---
11AC20MIMO	Ant2	5240	23.08	5228.68	5251.76	---	---
11AC40MIMO	Ant1	5190	43.60	5168.48	5212.08	---	---
11AC40MIMO	Ant2	5190	43.12	5168.80	5211.92	---	---
11AC40MIMO	Ant1	5230	44.64	5207.92	5252.56	---	---
11AC40MIMO	Ant2	5230	42.56	5208.88	5251.44	---	---
11AC80MIMO	Ant1	5210	89.12	5165.68	5254.80	---	---
11AC80MIMO	Ant2	5210	85.44	5168.40	5253.84	---	---
11AX20MIMO	Ant1	5180	23.12	5168.28	5191.40	---	---
11AX20MIMO	Ant2	5180	22.68	5168.56	5191.24	---	---
11AX20MIMO	Ant1	5200	22.60	5188.56	5211.16	---	---
11AX20MIMO	Ant2	5200	22.80	5188.56	5211.36	---	---
11AX20MIMO	Ant1	5240	22.68	5228.80	5251.48	---	---
11AX20MIMO	Ant2	5240	22.32	5228.72	5251.04	---	---
11AX40MIMO	Ant1	5190	42.72	5169.12	5211.84	---	---
11AX40MIMO	Ant2	5190	41.68	5169.20	5210.88	---	---
11AX40MIMO	Ant1	5230	43.52	5208.40	5251.92	---	---
11AX40MIMO	Ant2	5230	42.08	5209.68	5251.76	---	---
11AX80MIMO	Ant1	5210	83.04	5168.08	5251.12	---	---
11AX80MIMO	Ant2	5210	84.96	5168.24	5253.20	---	---

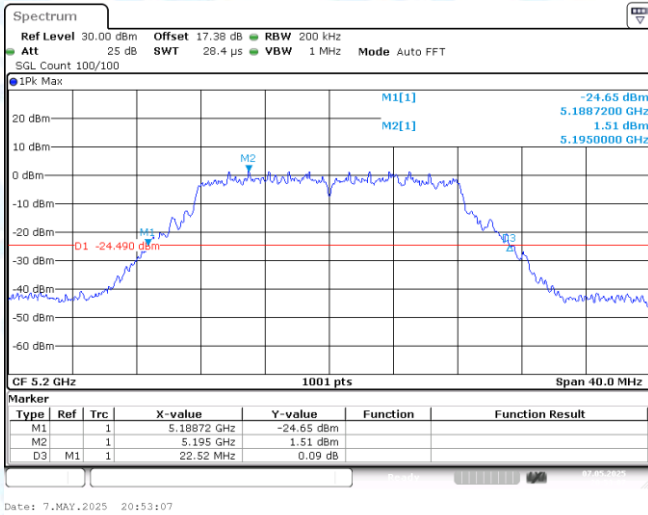
1.2 Test Graphs



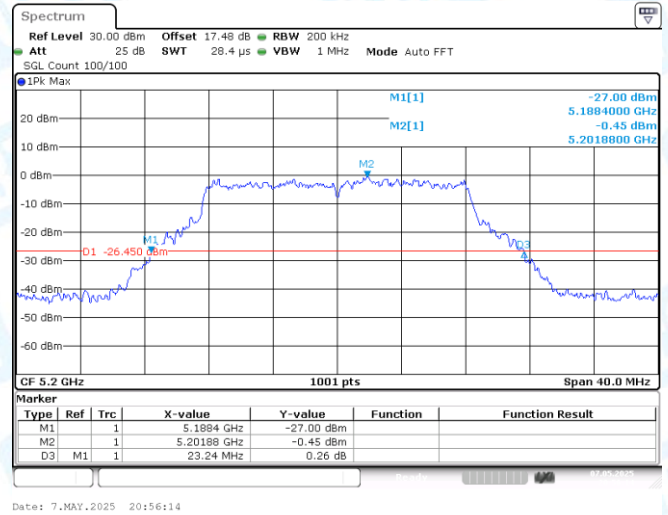
11A-CDD-Ant1-5180



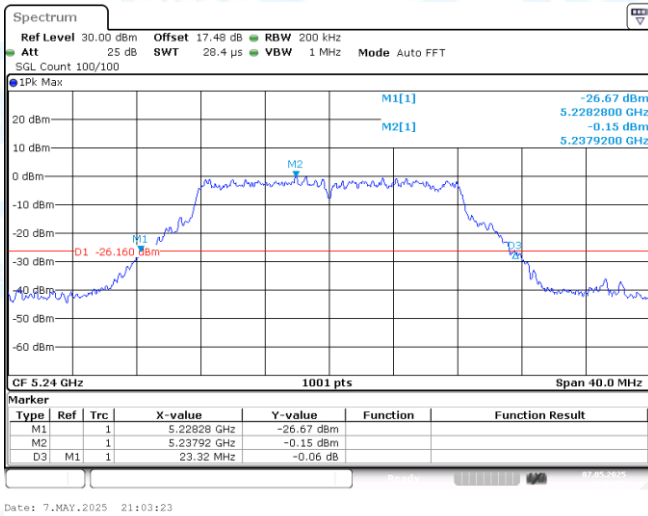
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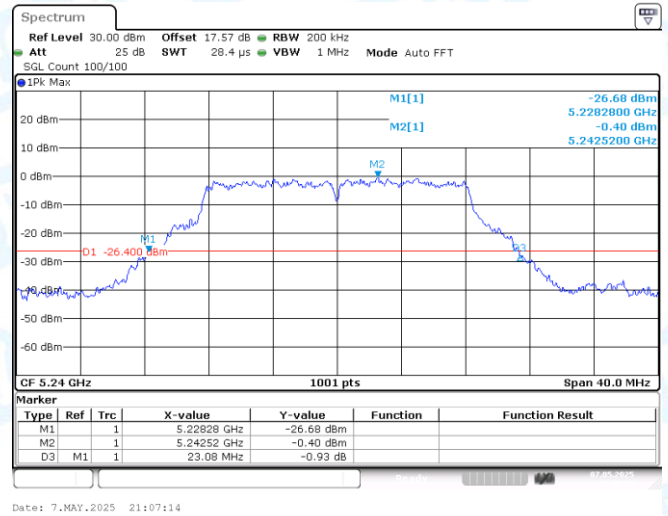
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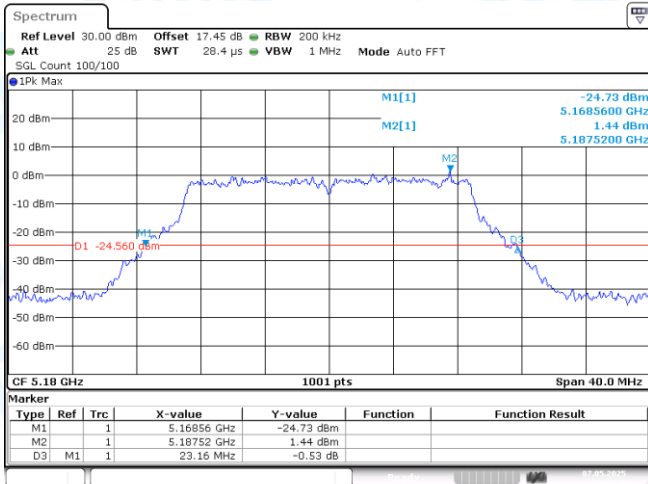
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11A-CDD-Ant1-5240

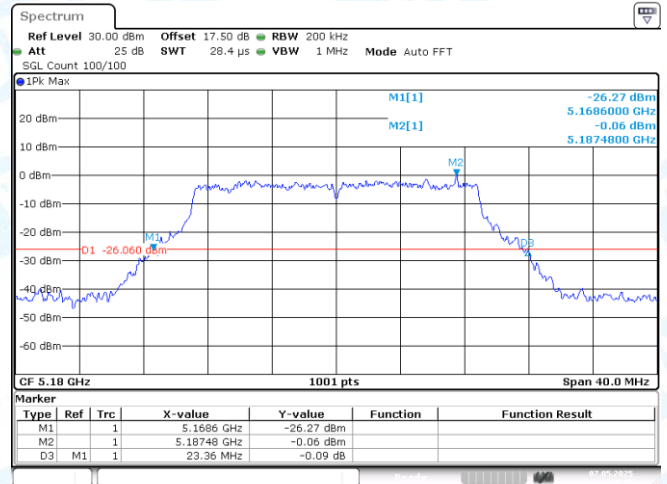


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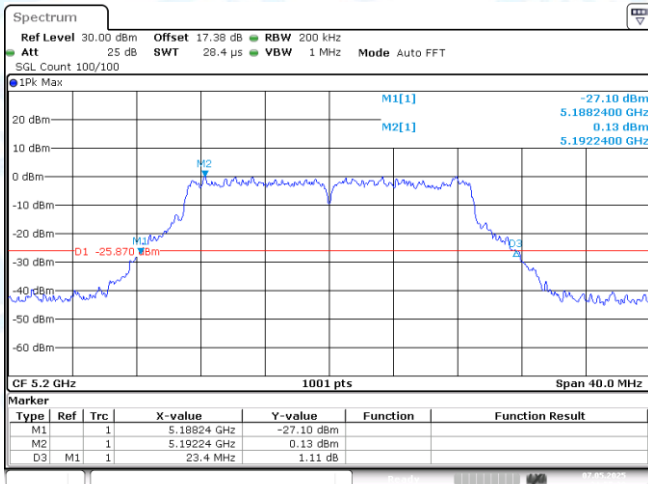
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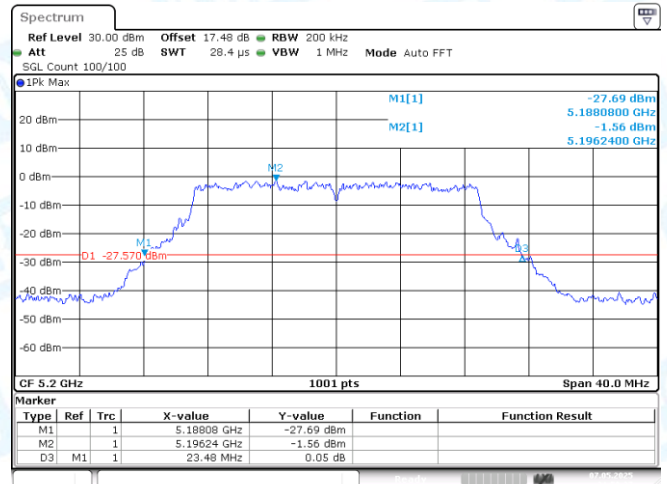
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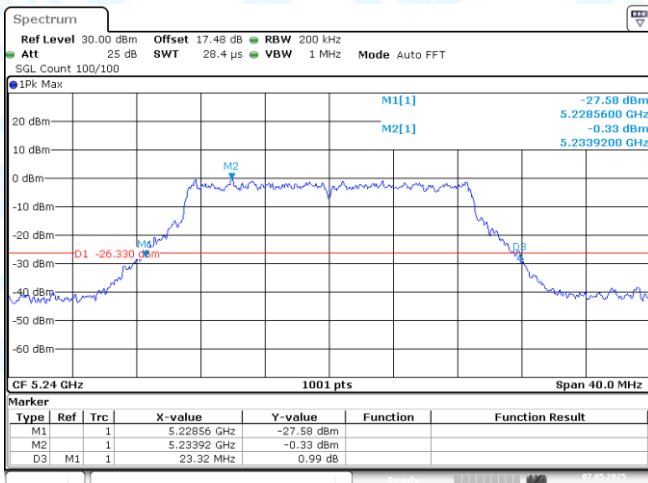
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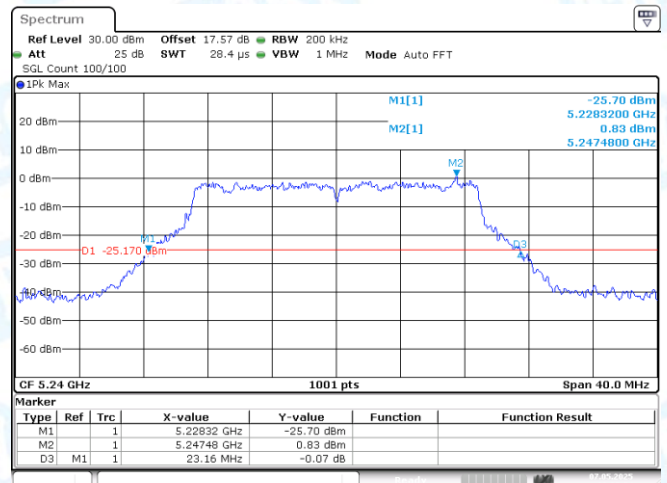
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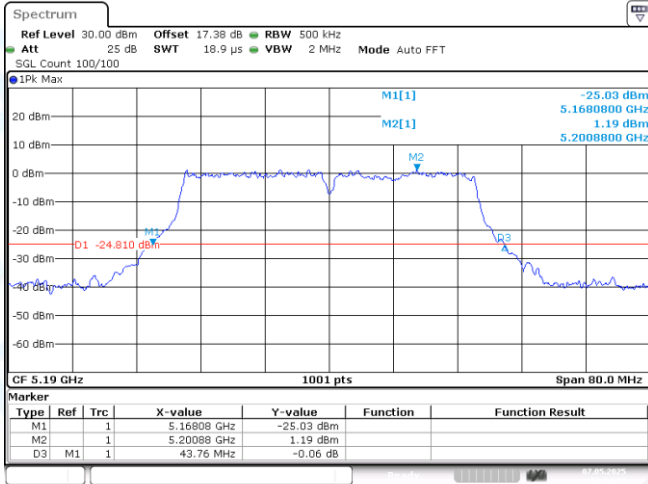
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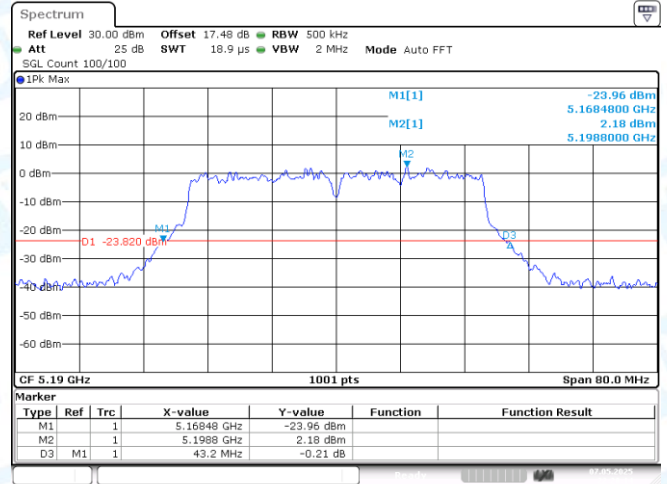
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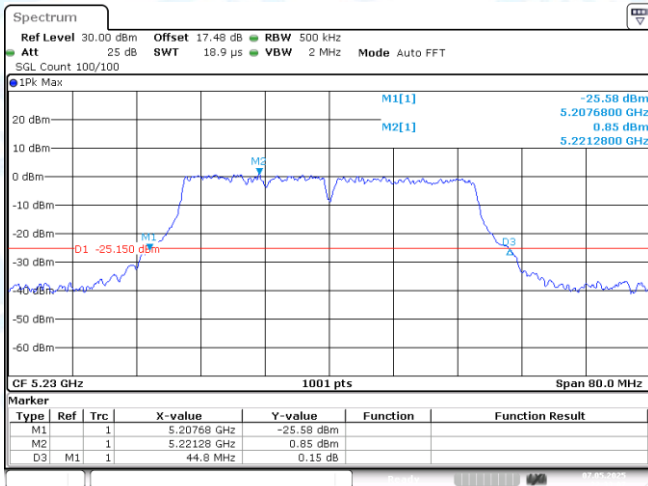
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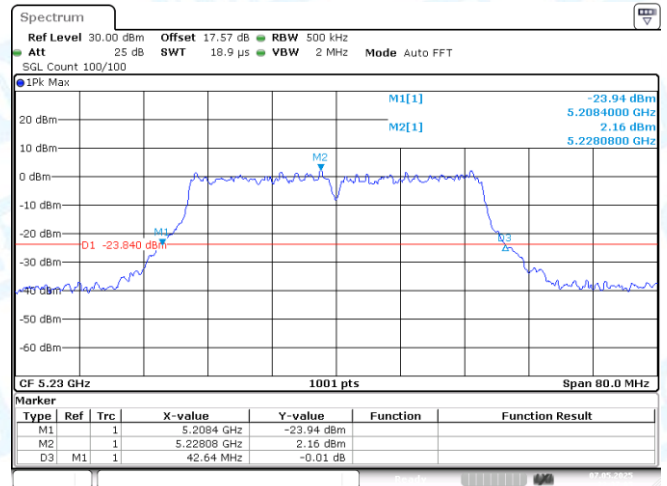
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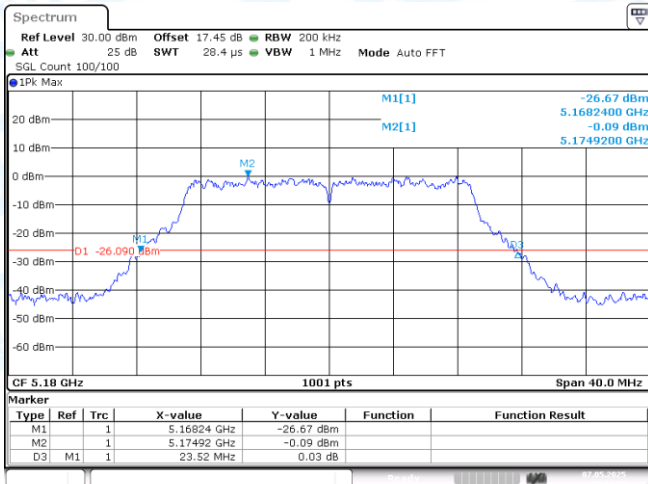
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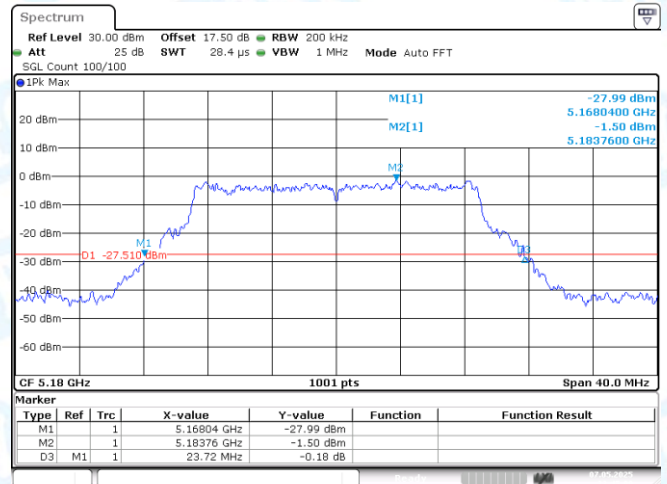
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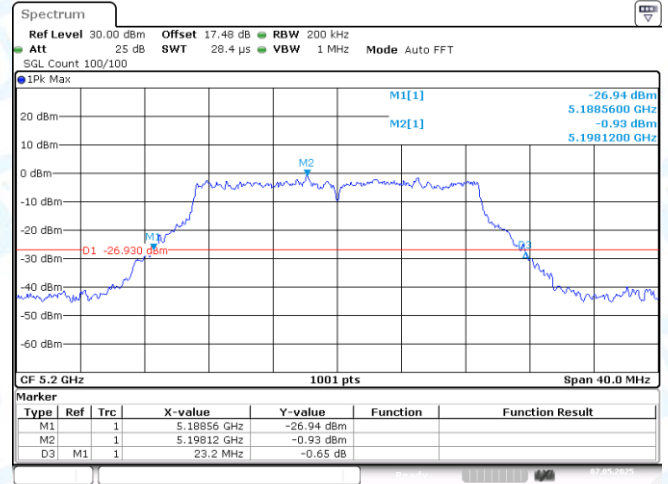
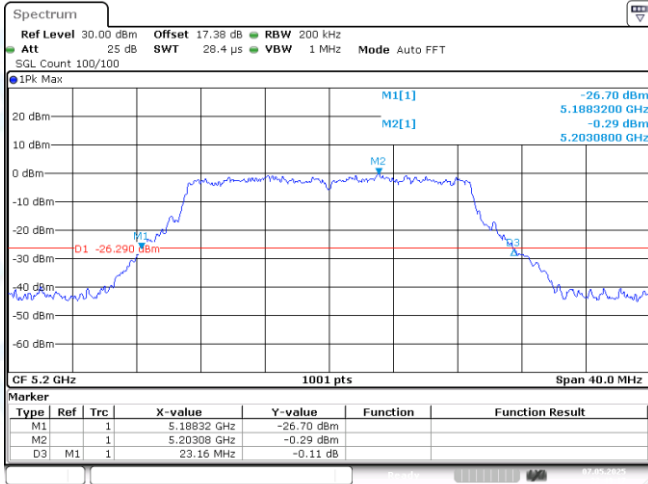
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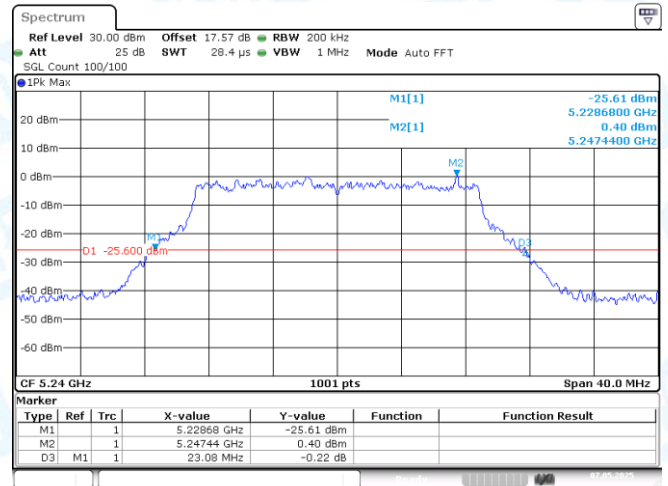
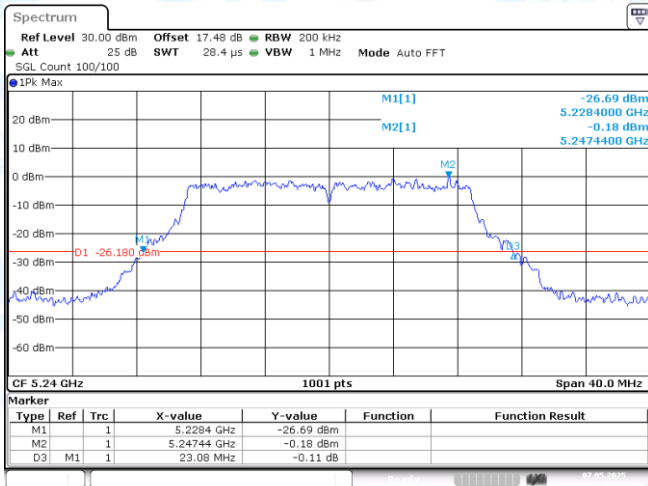
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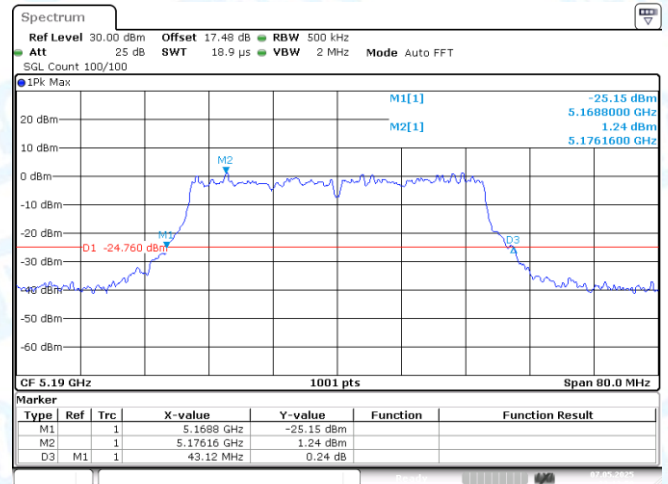
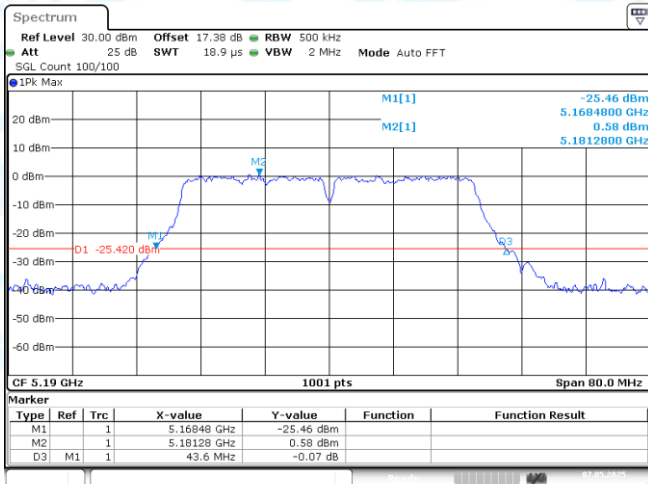
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11AC20MIMO-Ant2-5200



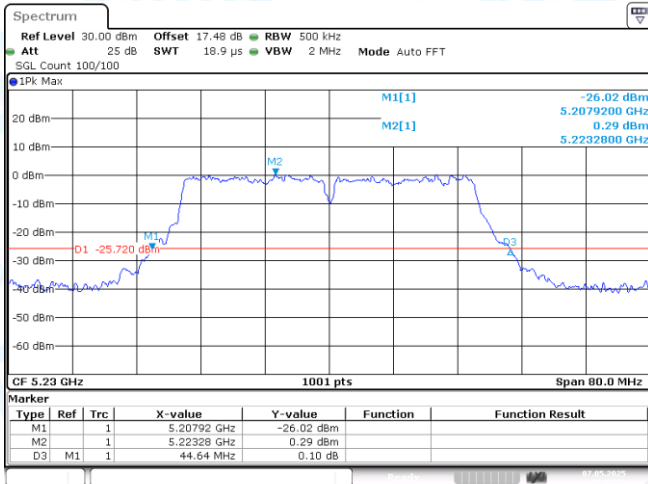
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11AC20MIMO-Ant2-5240



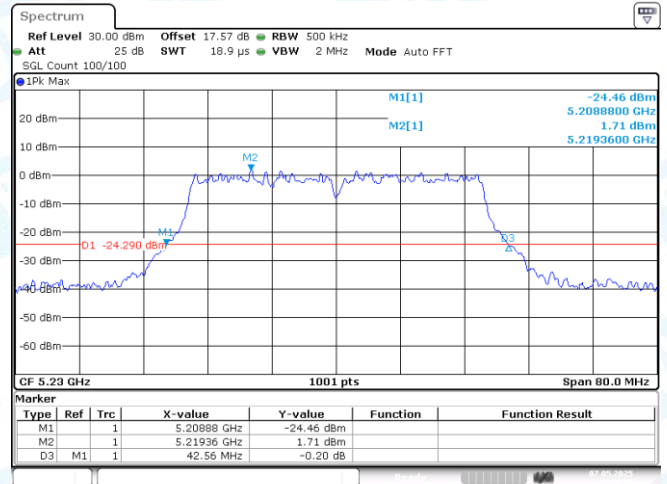
11AC40MIMO-Ant1-5190

11AC40MIMO-Ant2-5190



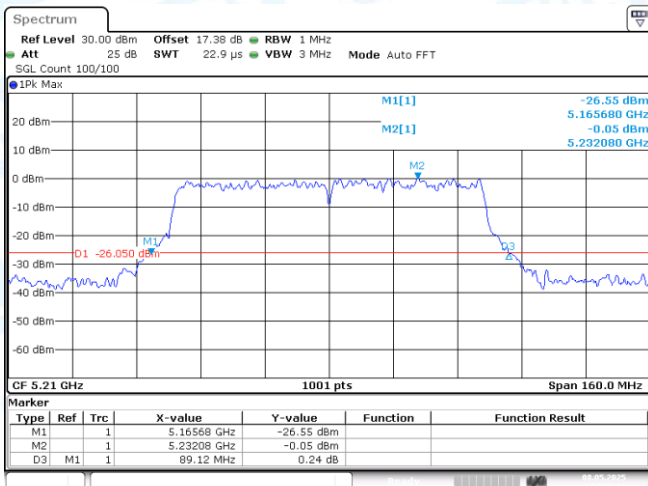
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11AC40MIMO-Ant1-5230



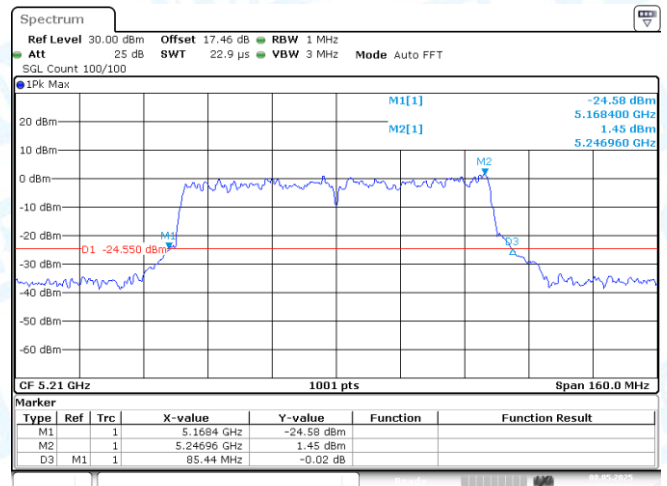
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11AC40MIMO-Ant2-5230



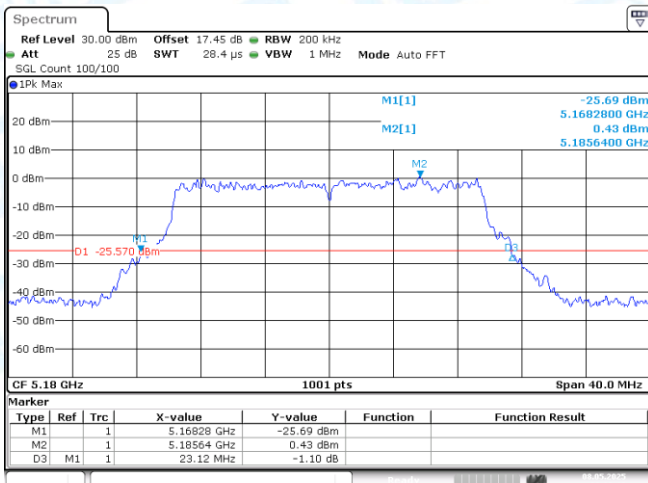
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11AC80MIMO-Ant1-5210



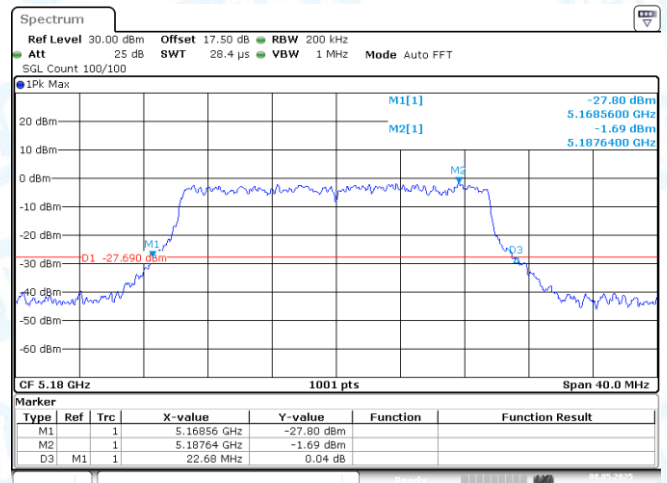
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11AC80MIMO-Ant2-5210



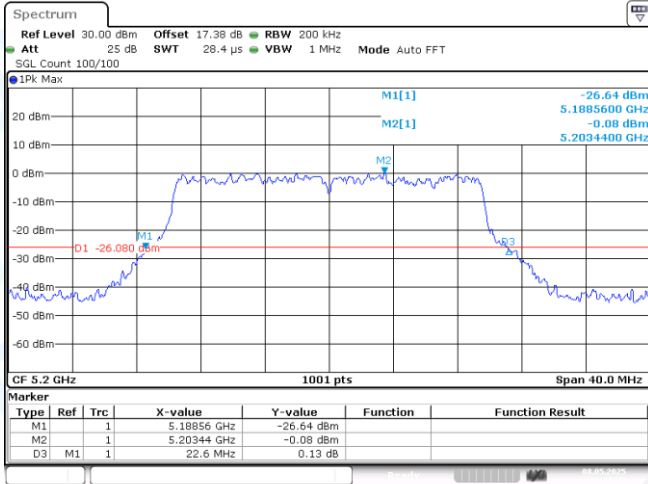
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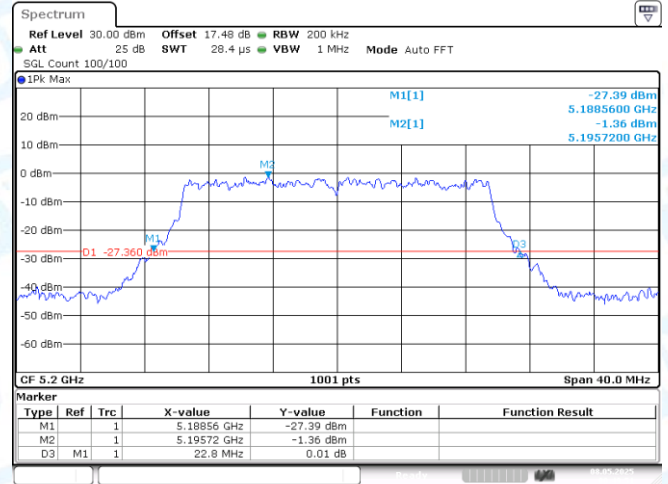


Date: 8.MAY.2025 00:30:02

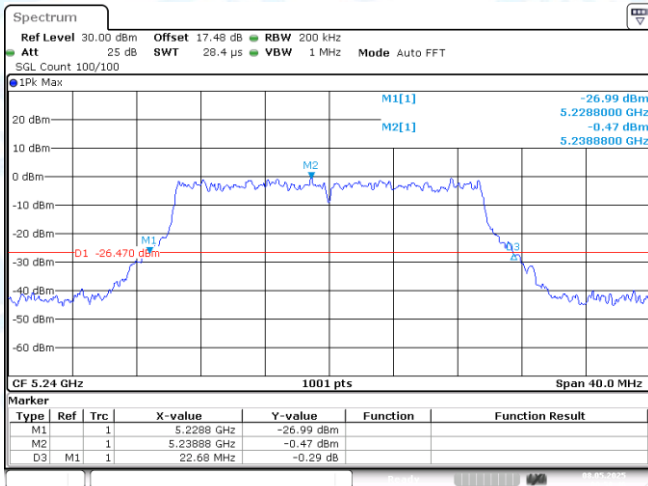
11AX20MIMO-Ant2-5180



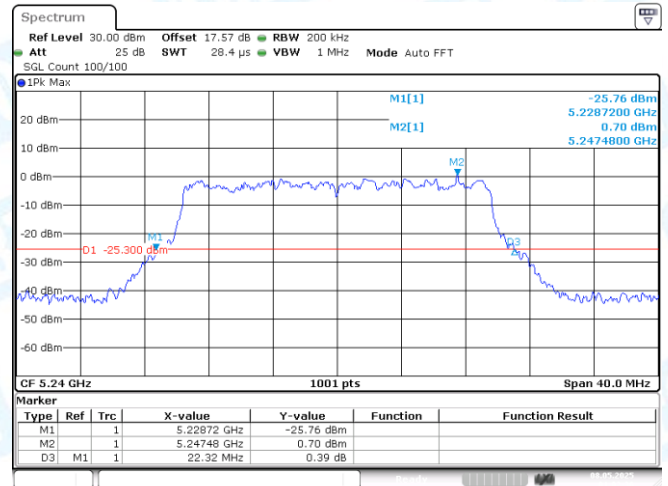
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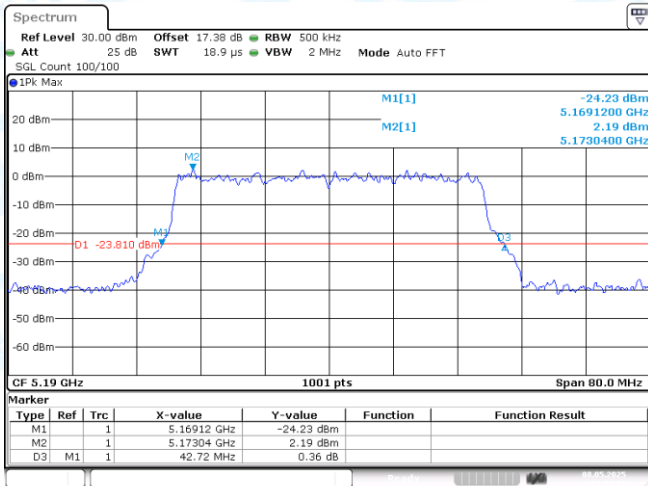
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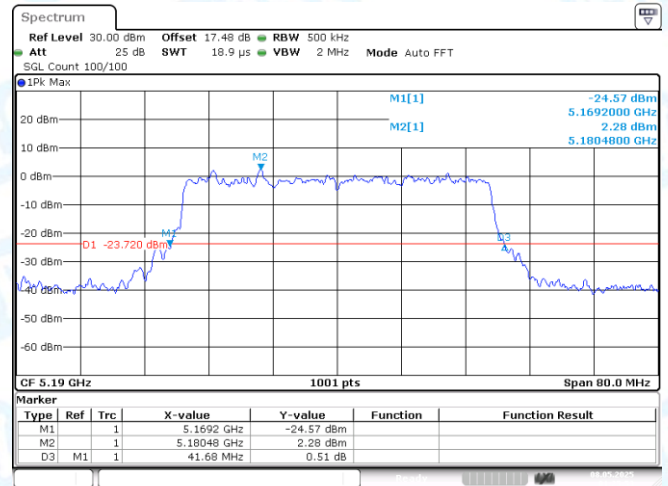
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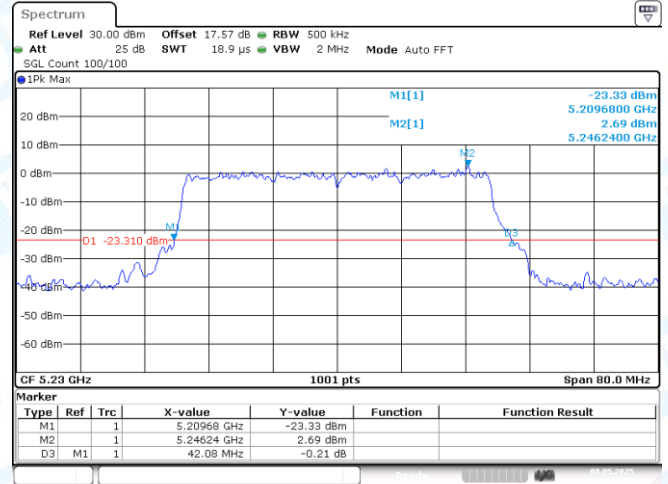
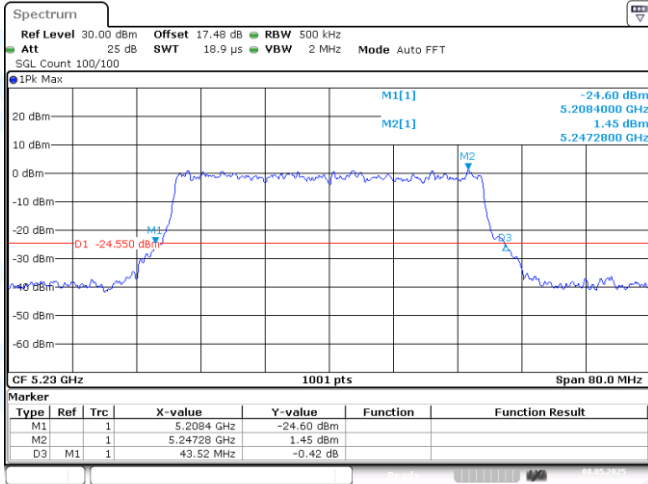
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11AX40MIMO-Ant1-5190

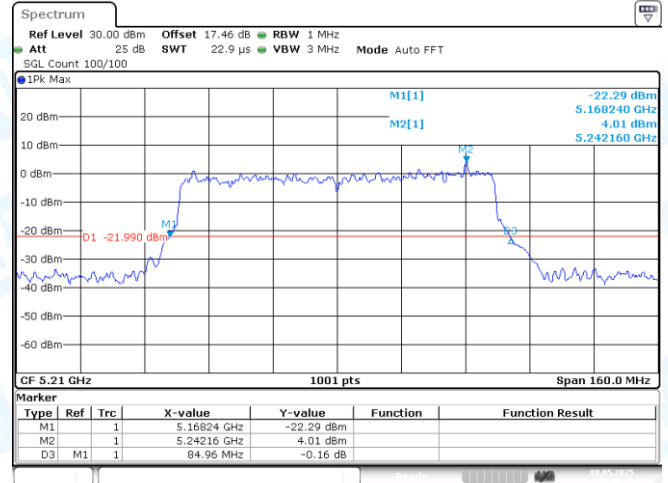
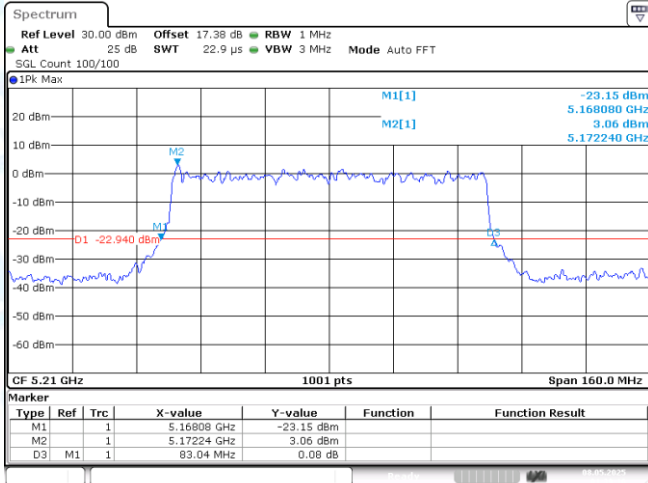


11AX40MIMO-Ant2-5190



11AX40MIMO-Ant1-5230

11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

11AX80MIMO-Ant2-5210

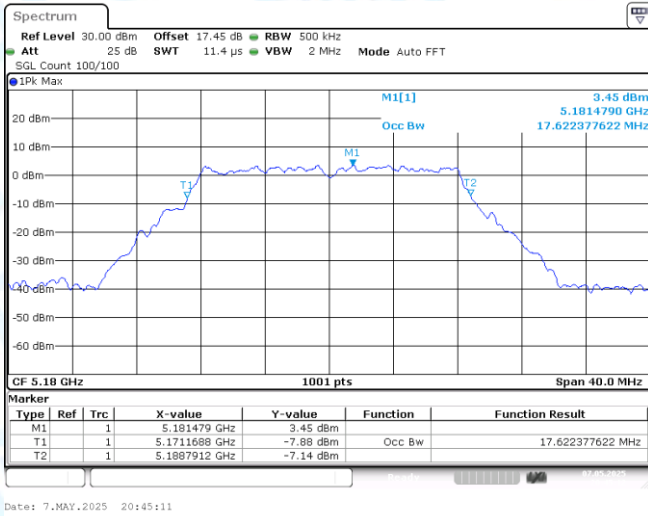
2: Occupied channel bandwidth

2.1 Test Result

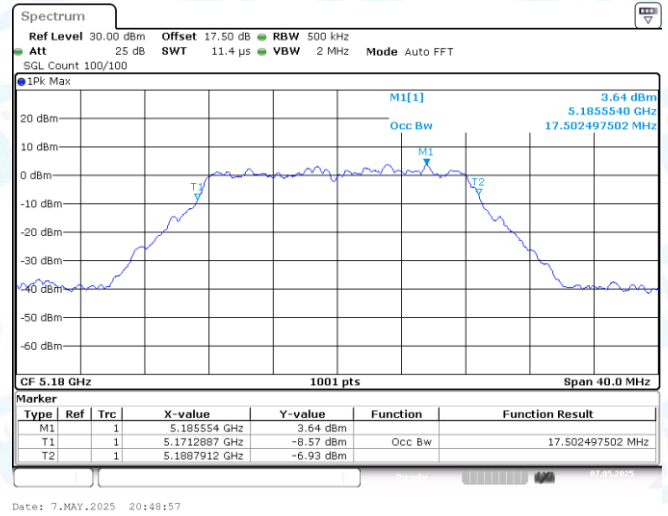
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.622	5171.1688	5188.7912	---	---
11A-CDD	Ant2	5180	17.502	5171.2887	5188.7912	---	---
11A-CDD	Ant1	5200	17.702	5191.1289	5208.8312	---	---
11A-CDD	Ant2	5200	17.263	5191.4086	5208.6713	---	---
11A-CDD	Ant1	5240	17.263	5231.2887	5248.5514	---	---
11A-CDD	Ant2	5240	17.423	5231.3287	5248.7512	---	---
11A-CDD	Ant1	5745	17.143	5736.4086	5753.5514	---	---
11A-CDD	Ant2	5745	16.823	5736.6084	5753.4316	---	---
11A-CDD	Ant1	5785	17.103	5776.6084	5793.7113	---	---
11A-CDD	Ant2	5785	16.983	5776.4885	5793.4715	---	---
11A-CDD	Ant1	5825	16.783	5816.5684	5833.3516	---	---
11A-CDD	Ant2	5825	16.943	5816.6084	5833.5514	---	---
11N20MIMO	Ant1	5180	18.382	5170.7293	5189.1109	---	---
11N20MIMO	Ant2	5180	18.621	5170.9291	5189.5504	---	---
11N20MIMO	Ant1	5200	18.382	5190.9291	5209.3107	---	---
11N20MIMO	Ant2	5200	18.022	5190.9690	5208.9910	---	---
11N20MIMO	Ant1	5240	19.021	5230.5295	5249.5504	---	---
11N20MIMO	Ant2	5240	18.182	5230.8891	5249.0709	---	---
11N20MIMO	Ant1	5745	17.902	5736.0490	5753.9510	---	---
11N20MIMO	Ant2	5745	17.862	5736.0490	5753.9111	---	---
11N20MIMO	Ant1	5785	17.902	5775.9690	5793.8711	---	---
11N20MIMO	Ant2	5785	17.902	5776.0889	5793.9910	---	---
11N20MIMO	Ant1	5825	17.742	5816.1688	5833.9111	---	---
11N20MIMO	Ant2	5825	17.902	5816.1289	5834.0310	---	---
11N40MIMO	Ant1	5190	37.083	5171.2188	5208.3017	---	---
11N40MIMO	Ant2	5190	36.523	5171.7782	5208.3017	---	---
11N40MIMO	Ant1	5230	36.843	5211.6983	5248.5415	---	---
11N40MIMO	Ant2	5230	37.083	5211.6184	5248.7013	---	---
11N40MIMO	Ant1	5755	36.044	5736.8581	5772.9021	---	---
11N40MIMO	Ant2	5755	36.364	5736.6983	5773.0619	---	---
11N40MIMO	Ant1	5795	35.964	5776.9381	5812.9021	---	---
11N40MIMO	Ant2	5795	36.044	5777.0180	5813.0619	---	---
11AC20MIMO	Ant1	5180	18.462	5170.7293	5189.1908	---	---
11AC20MIMO	Ant2	5180	18.262	5170.8492	5189.1109	---	---
11AC20MIMO	Ant1	5200	18.302	5190.8092	5209.1109	---	---
11AC20MIMO	Ant2	5200	18.142	5191.0090	5209.1508	---	---
11AC20MIMO	Ant1	5240	18.541	5230.8092	5249.3506	---	---
11AC20MIMO	Ant2	5240	17.982	5231.0490	5249.0310	---	---
11AC20MIMO	Ant1	5745	17.822	5736.0889	5753.9111	---	---
11AC20MIMO	Ant2	5745	17.942	5736.0889	5754.0310	---	---
11AC20MIMO	Ant2	5785	18.022	5776.0490	5794.0709	---	---

11AC20MIMO	Ant1	5785	18.142	5776.0490	5794.1908	---	---
11AC20MIMO	Ant1	5825	17.982	5815.9291	5833.9111	---	---
11AC20MIMO	Ant2	5825	18.182	5815.9291	5834.1109	---	---
11AC40MIMO	Ant1	5190	36.923	5171.4585	5208.3816	---	---
11AC40MIMO	Ant2	5190	36.603	5171.6184	5208.2218	---	---
11AC40MIMO	Ant1	5230	37.323	5210.9790	5248.3017	---	---
11AC40MIMO	Ant2	5230	37.003	5211.4585	5248.4615	---	---
11AC40MIMO	Ant1	5755	36.044	5736.9381	5772.9820	---	---
11AC40MIMO	Ant2	5755	36.124	5736.8581	5772.9820	---	---
11AC40MIMO	Ant1	5795	36.124	5776.9381	5813.0619	---	---
11AC40MIMO	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC80MIMO	Ant1	5210	76.883	5171.4785	5248.3616	---	---
11AC80MIMO	Ant2	5210	77.363	5171.7982	5249.1608	---	---
11AC80MIMO	Ant1	5775	75.445	5737.2777	5812.7223	---	---
11AC80MIMO	Ant2	5775	74.805	5737.5974	5812.4026	---	---
11AX20MIMO	Ant1	5180	19.181	5170.3696	5189.5504	---	---
11AX20MIMO	Ant2	5180	19.301	5170.2897	5189.5904	---	---
11AX20MIMO	Ant1	5200	19.141	5190.3297	5209.4705	---	---
11AX20MIMO	Ant2	5200	19.221	5190.3696	5209.5904	---	---
11AX20MIMO	Ant1	5240	19.261	5230.3297	5249.5904	---	---
11AX20MIMO	Ant2	5240	19.381	5230.3696	5249.7502	---	---
11AX20MIMO	Ant1	5745	18.981	5735.5295	5754.5105	---	---
11AX20MIMO	Ant2	5745	19.061	5735.4895	5754.5504	---	---
11AX20MIMO	Ant1	5785	19.061	5775.4096	5794.4705	---	---
11AX20MIMO	Ant2	5785	19.141	5775.5694	5794.7103	---	---
11AX20MIMO	Ant1	5825	19.101	5815.4096	5834.5105	---	---
11AX20MIMO	Ant2	5825	19.061	5815.4895	5834.5504	---	---
11AX40MIMO	Ant1	5190	38.202	5170.8192	5209.0210	---	---
11AX40MIMO	Ant2	5190	37.962	5170.9790	5208.9411	---	---
11AX40MIMO	Ant1	5230	38.202	5210.8192	5249.0210	---	---
11AX40MIMO	Ant2	5230	38.122	5210.9790	5249.1009	---	---
11AX40MIMO	Ant1	5755	37.722	5736.2188	5773.9411	---	---
11AX40MIMO	Ant2	5755	37.722	5736.0589	5773.7812	---	---
11AX40MIMO	Ant1	5795	38.122	5775.9790	5814.1009	---	---
11AX40MIMO	Ant2	5795	37.642	5776.0589	5813.7013	---	---
11AX80MIMO	Ant1	5210	78.482	5170.5195	5249.0010	---	---
11AX80MIMO	Ant2	5210	78.162	5170.9990	5249.1608	---	---
11AX80MIMO	Ant1	5775	76.404	5736.9580	5813.3616	---	---
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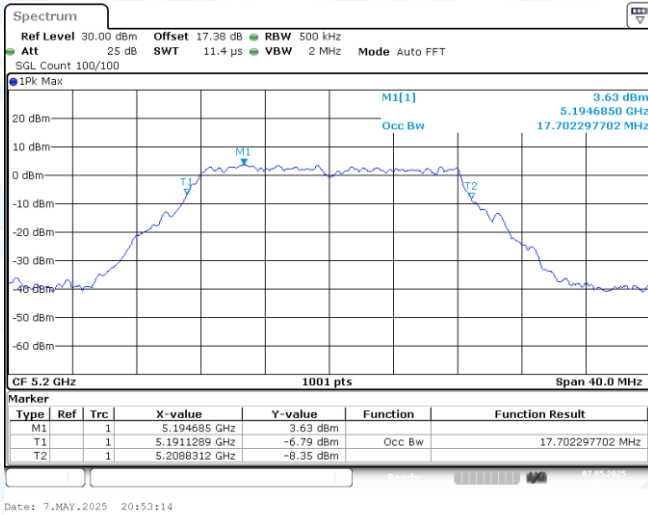
2.2 Test Graphs



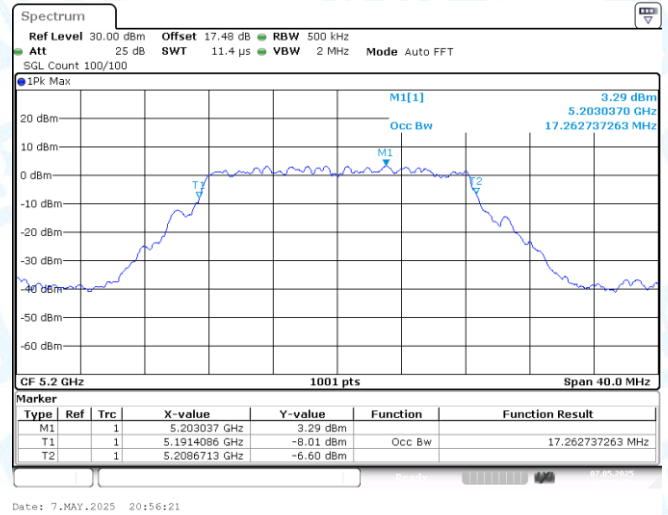
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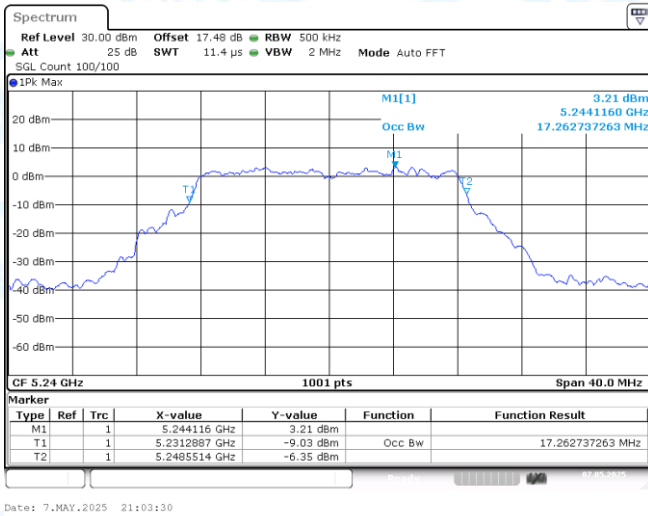
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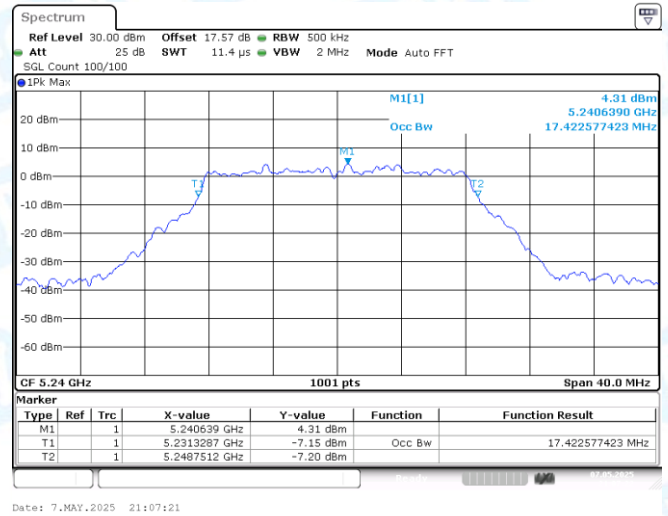
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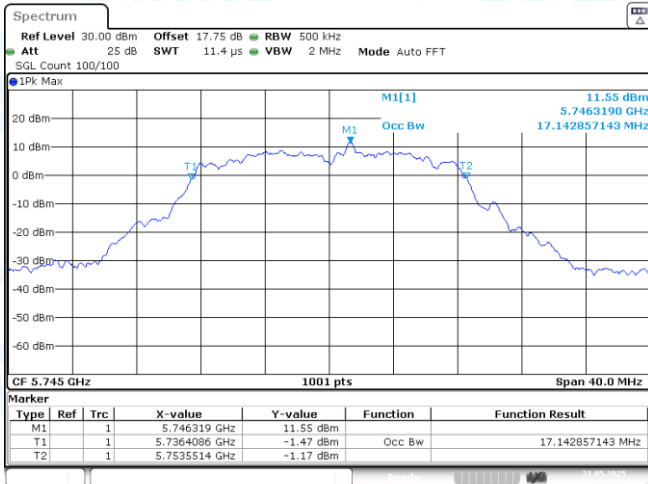
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11A-CDD-Ant1-5240

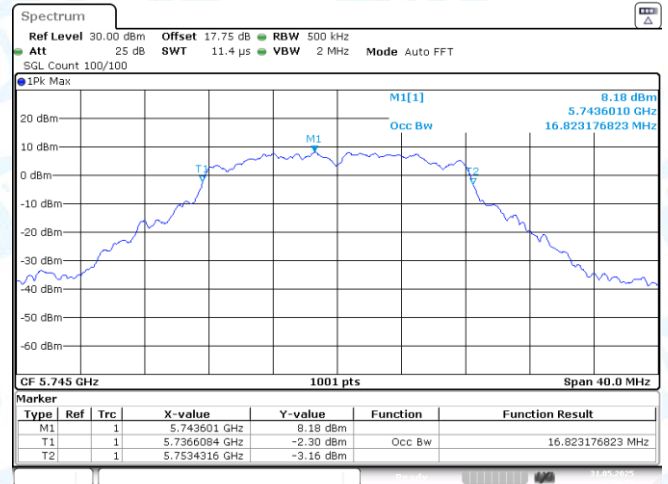


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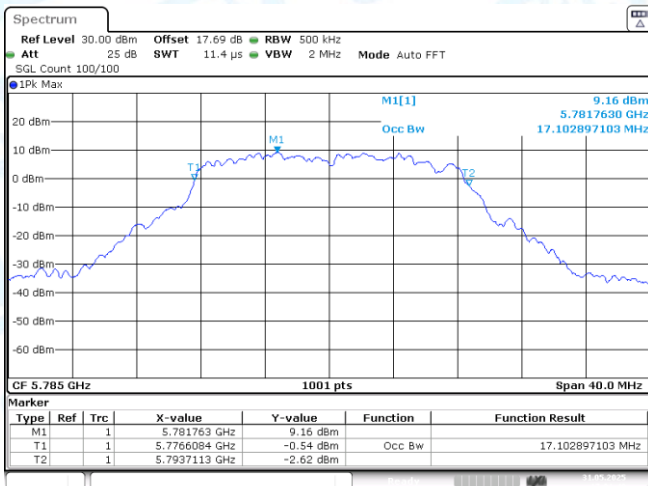
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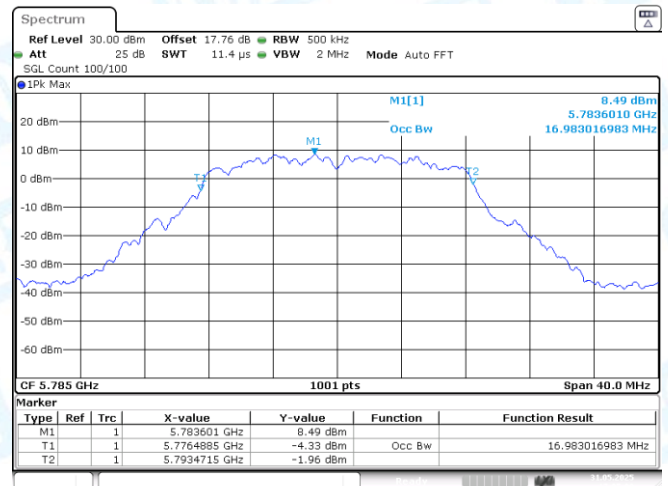
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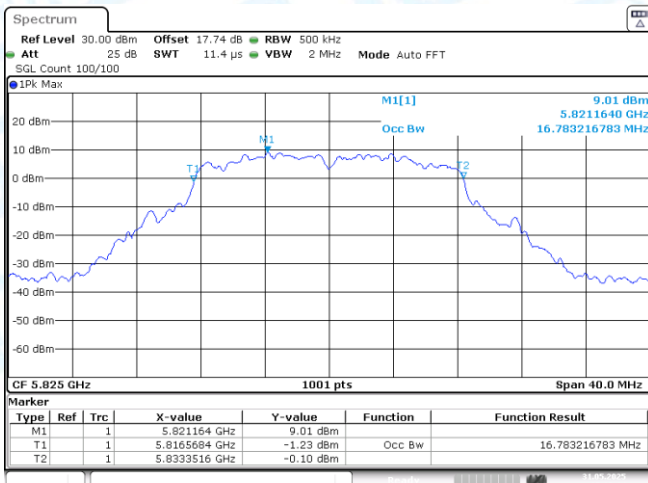
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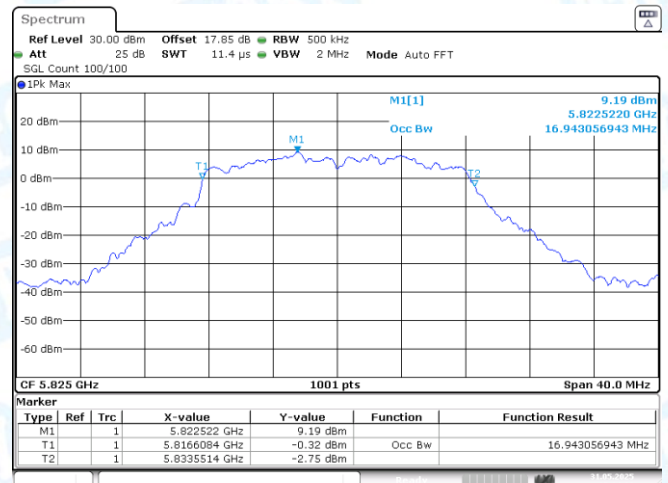
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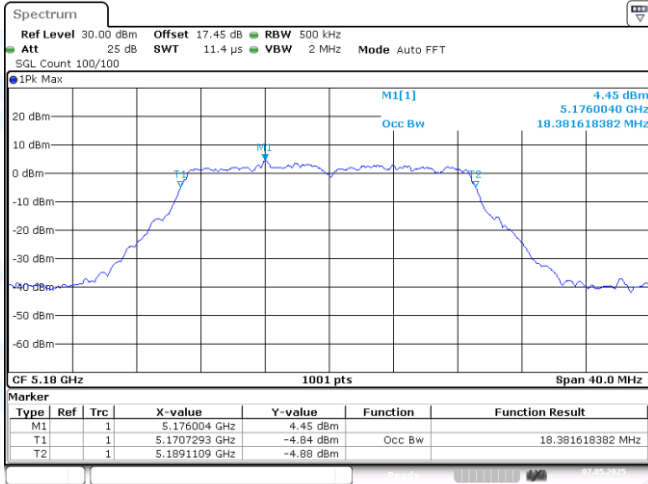
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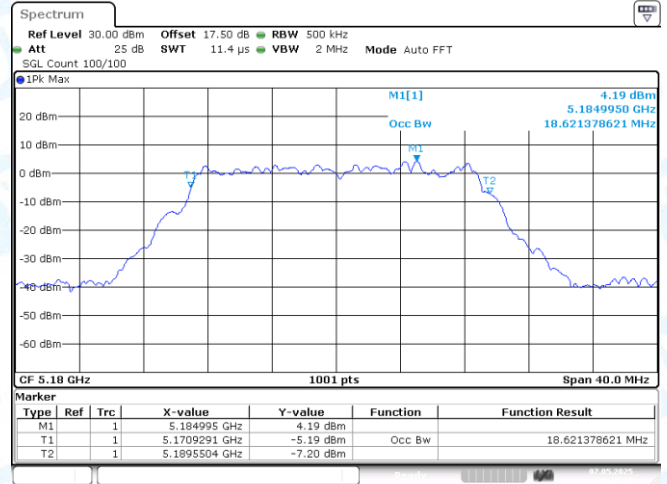
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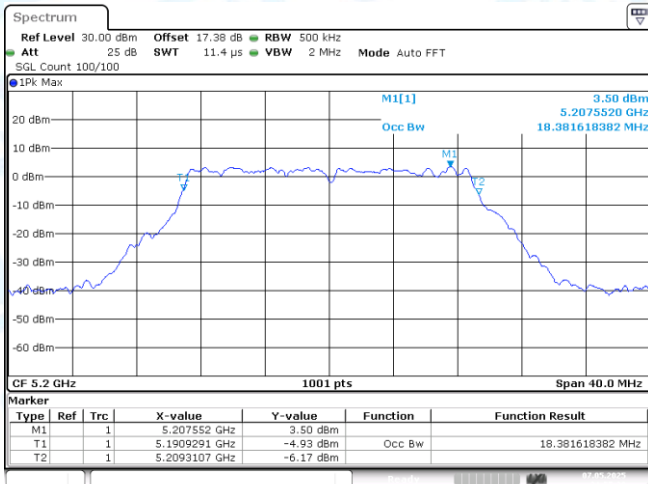
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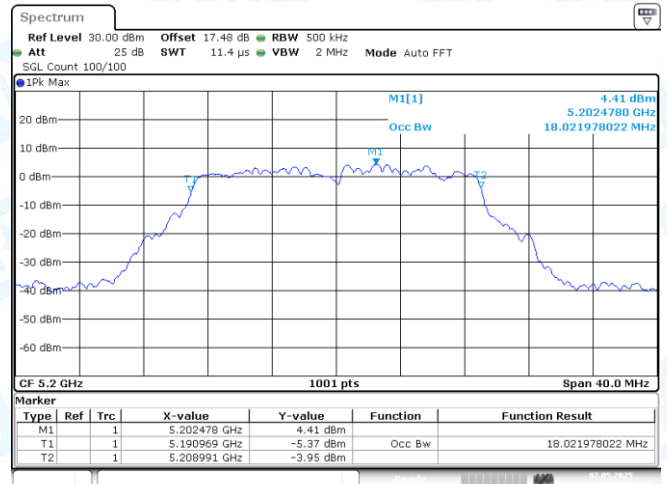
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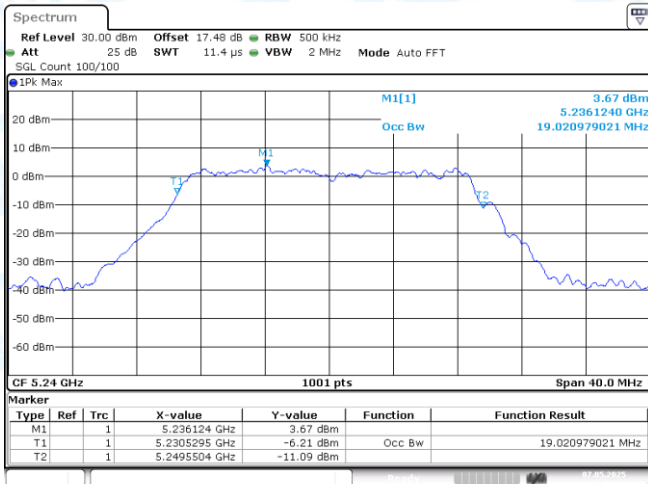
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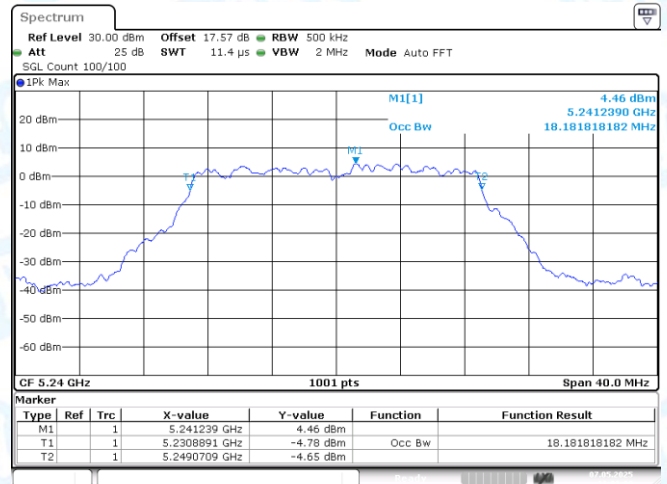
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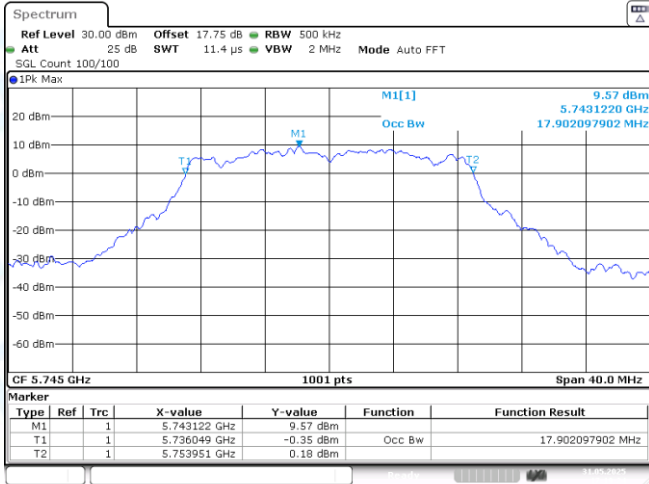
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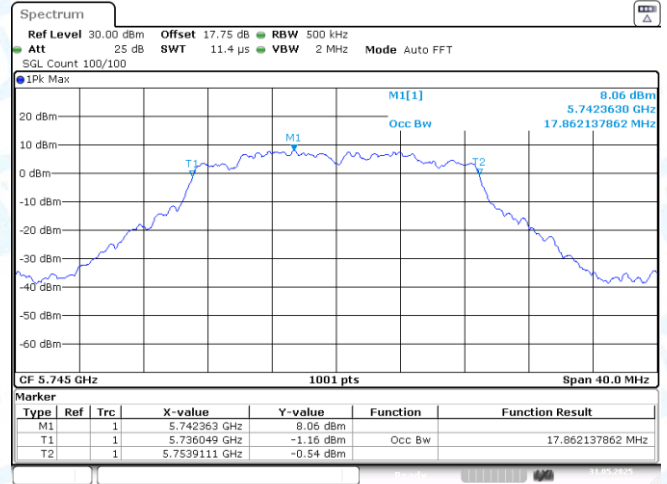
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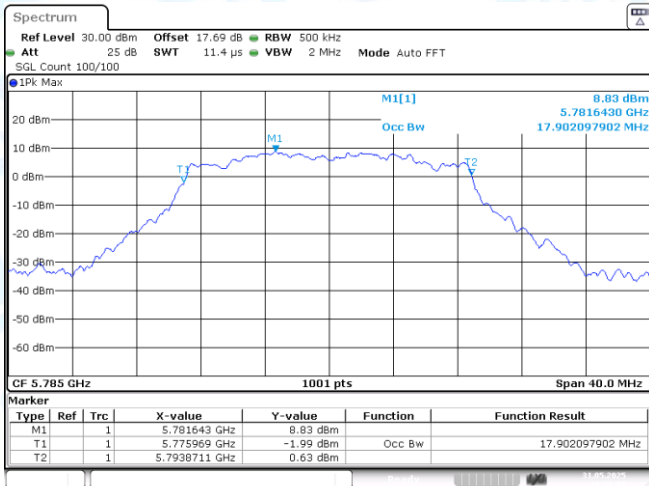
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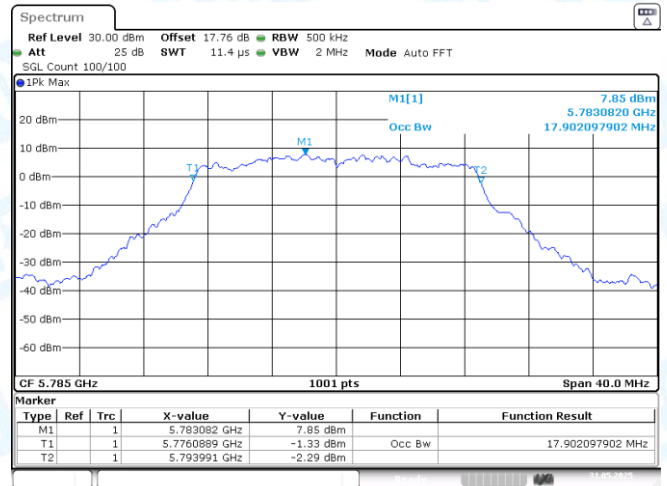
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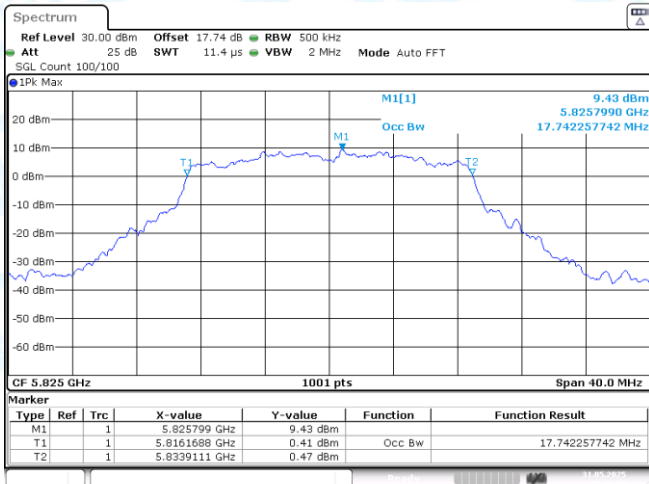
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11N20MIMO-Ant1-5785



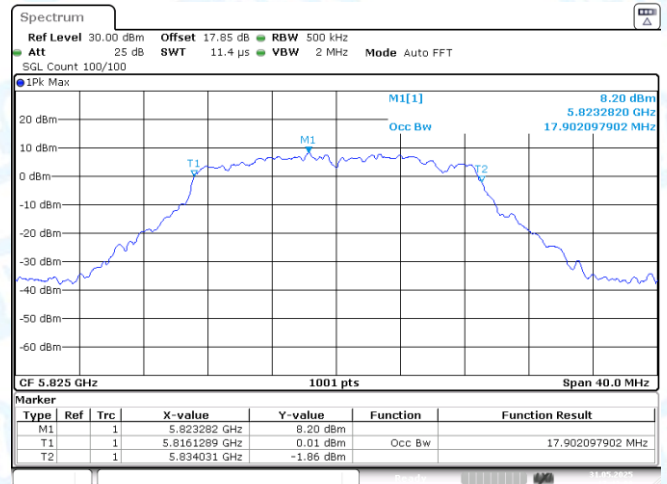
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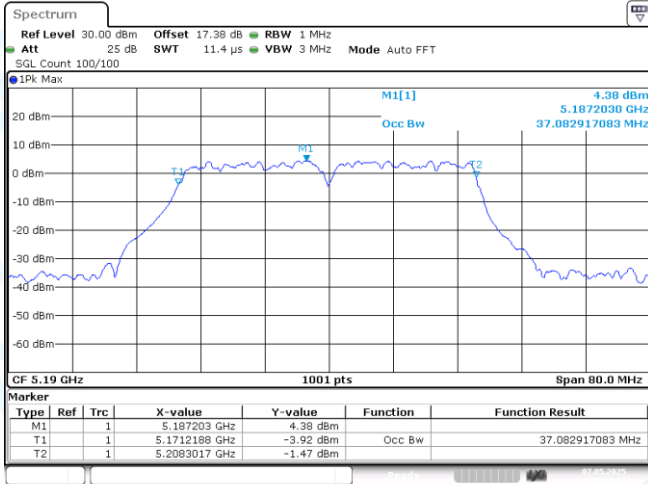
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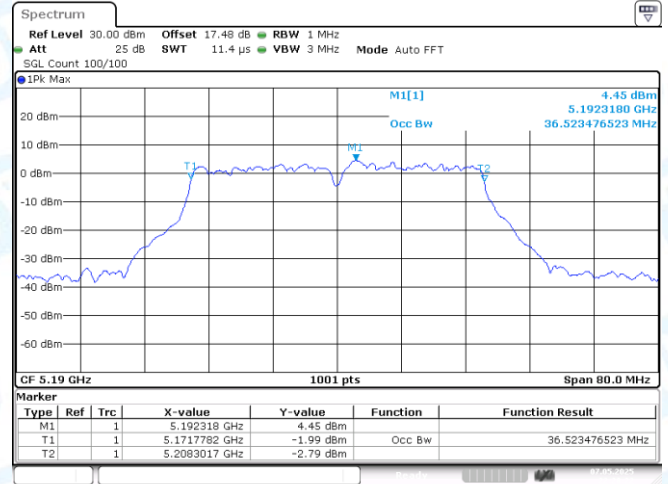


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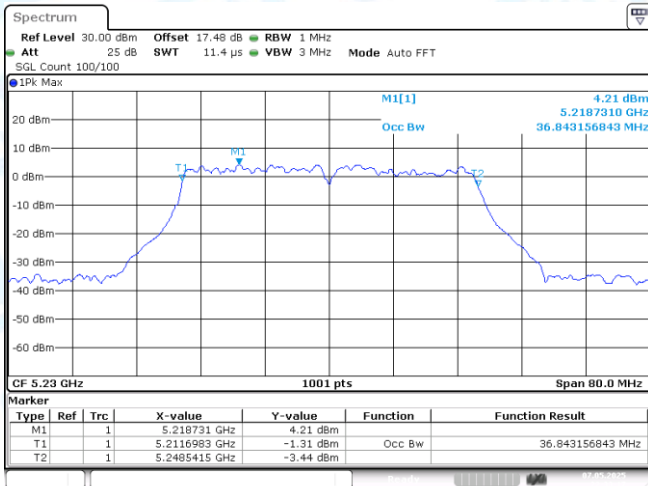
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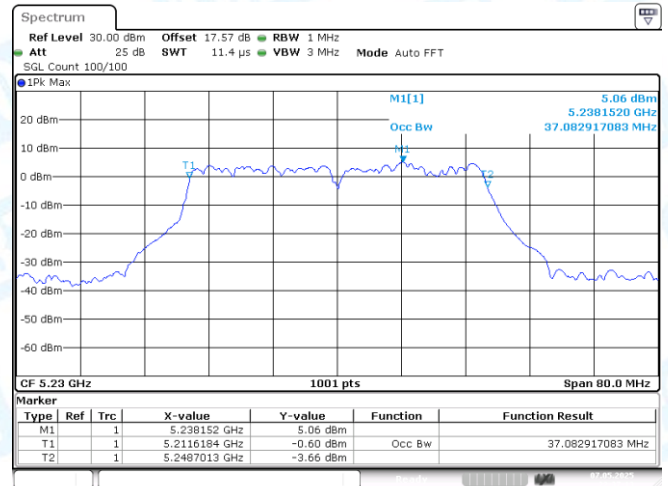
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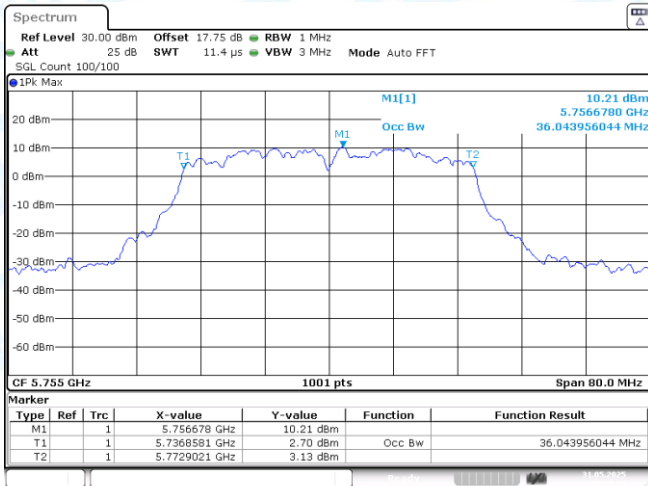
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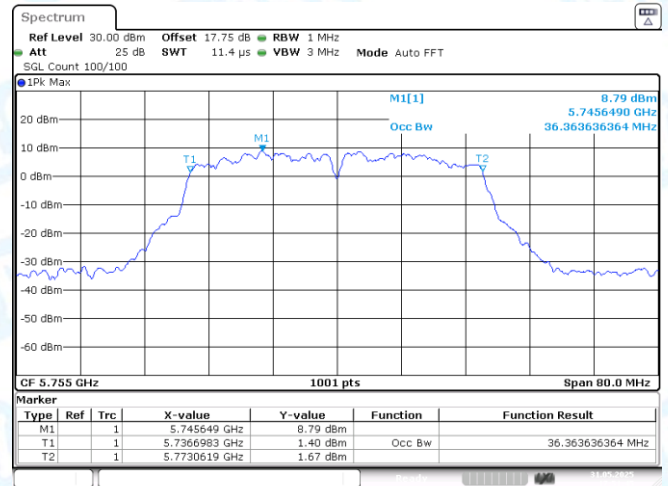
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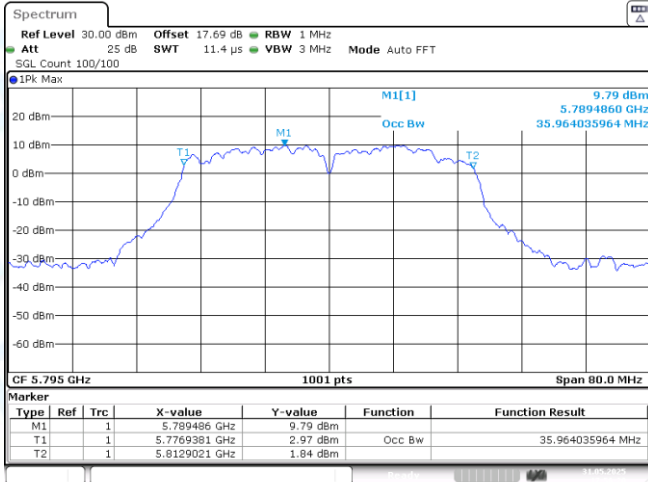
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11N40MIMO-Ant1-5755

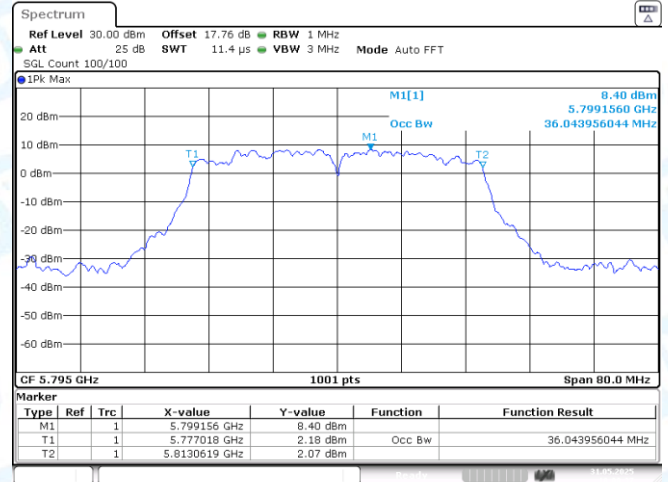


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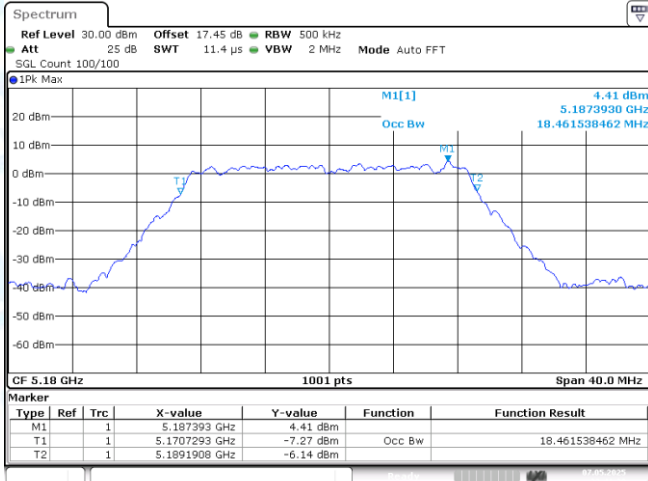
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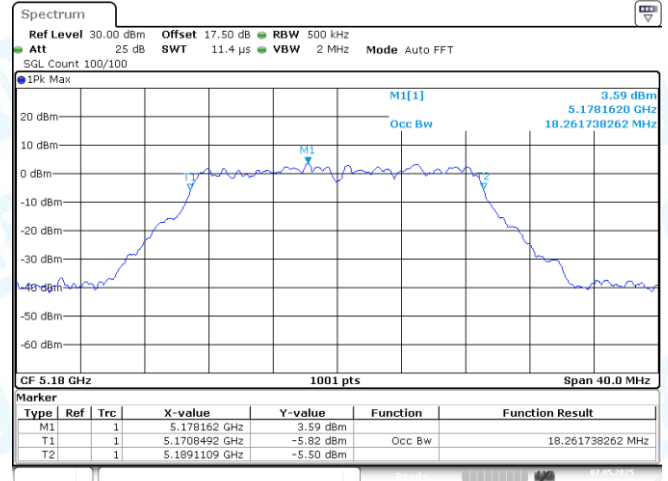
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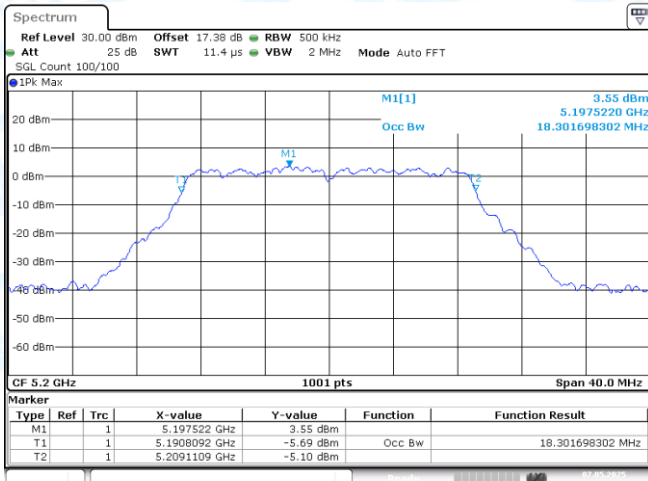
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11AC20MIMO-Ant1-5180



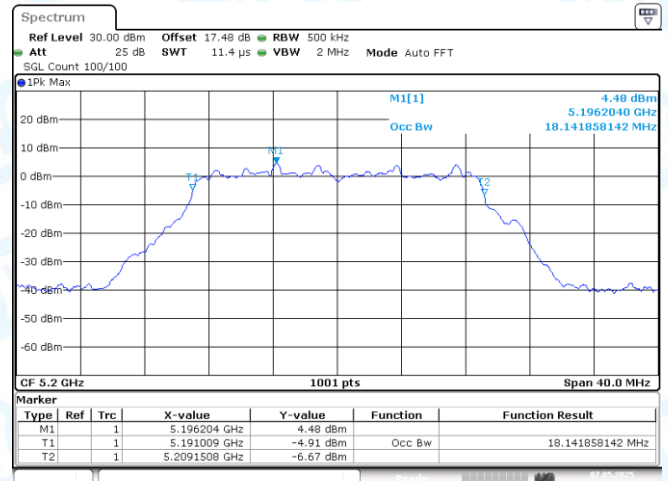
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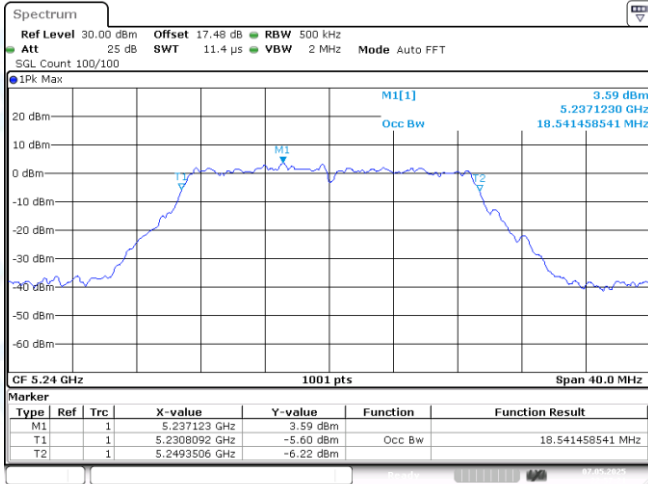
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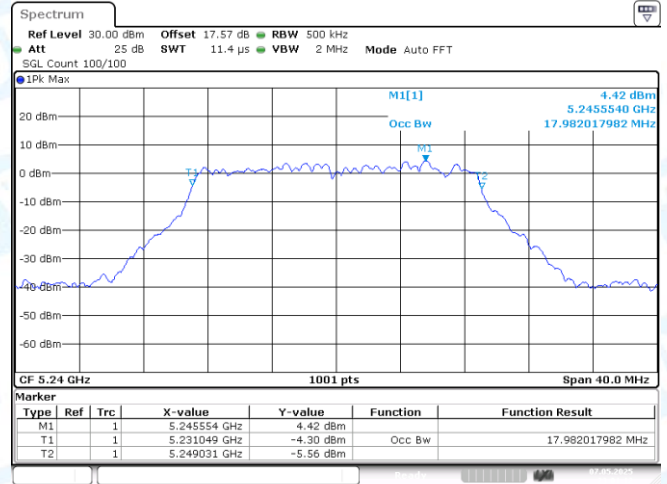
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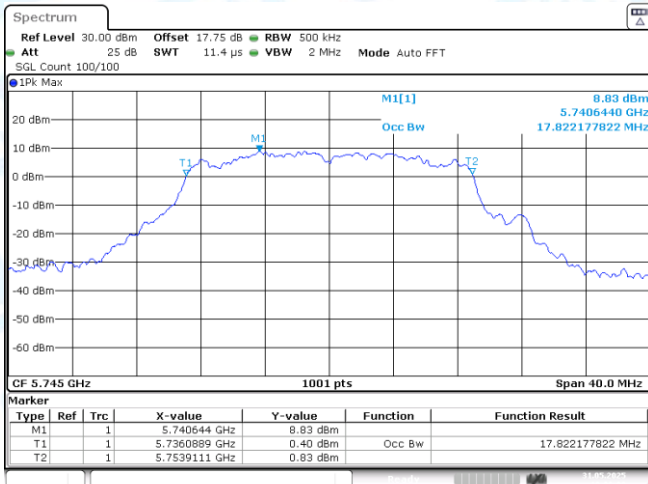
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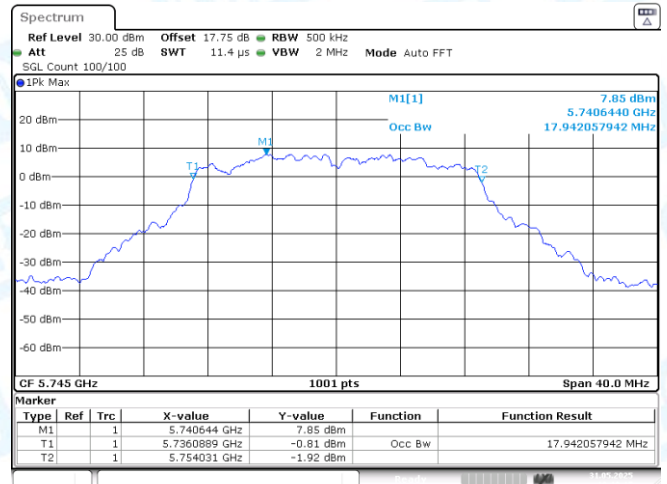
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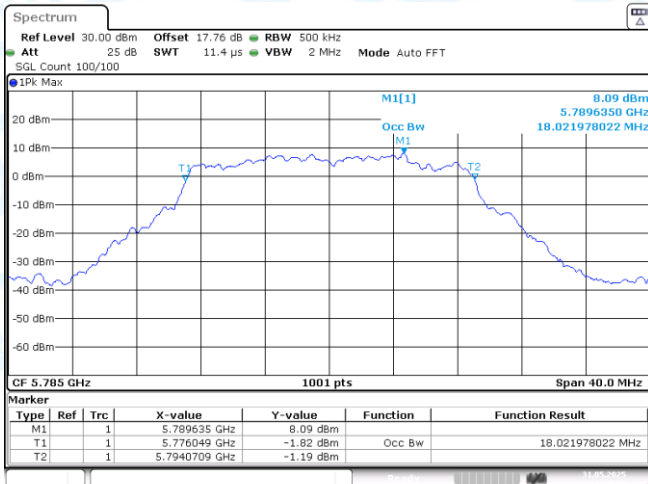
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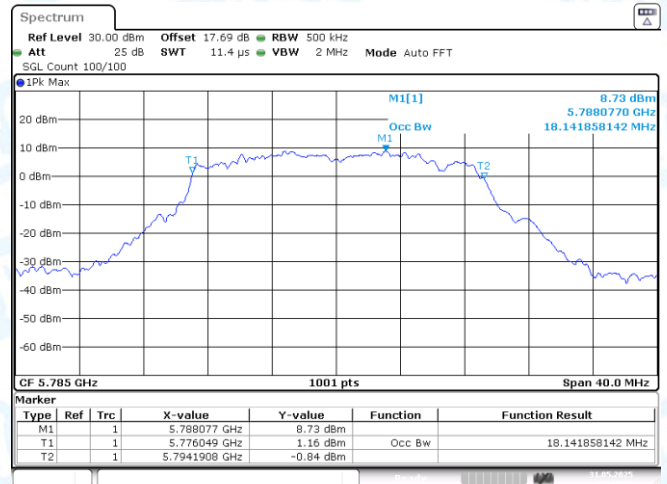
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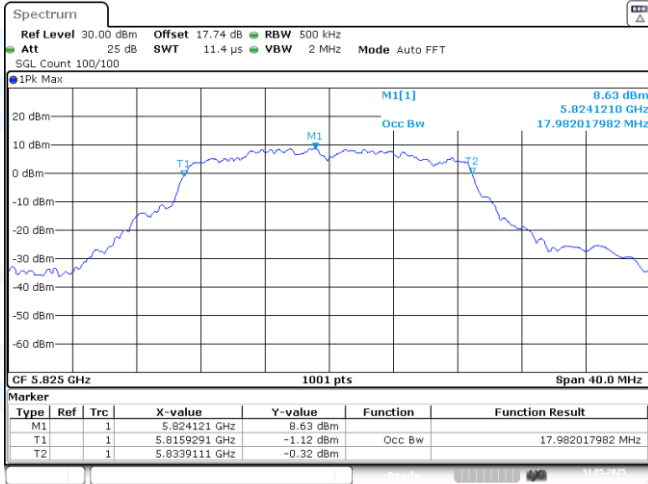
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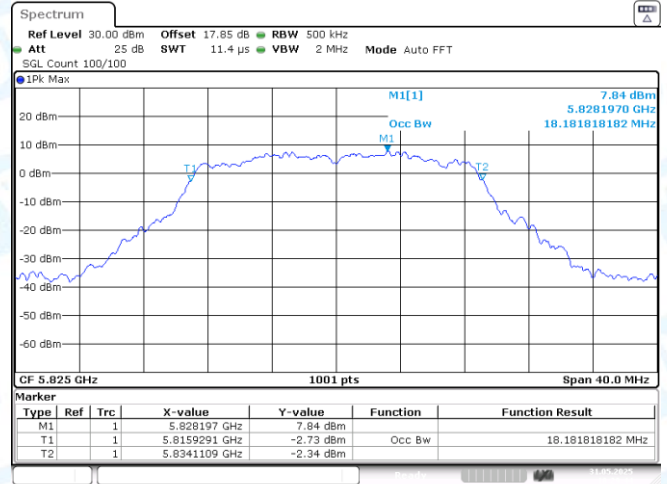
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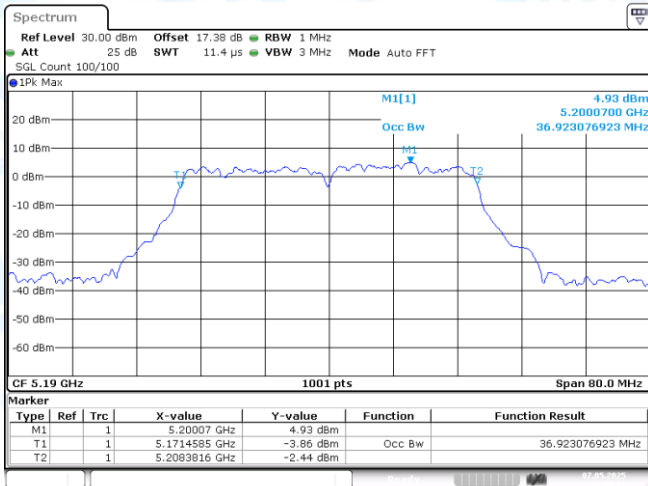
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11AC20MIMO-Ant1-5825



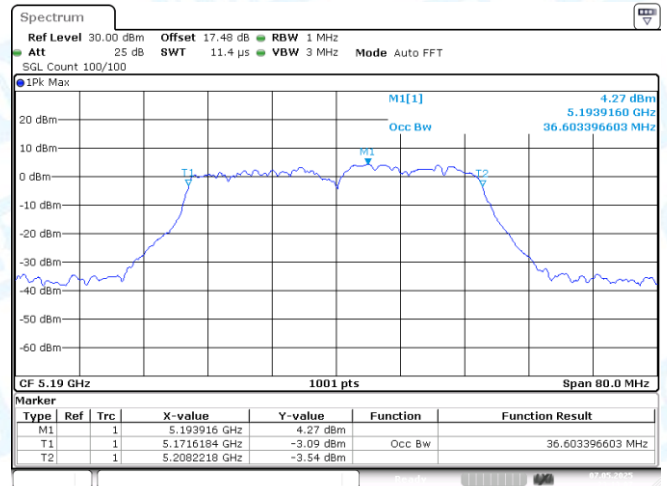
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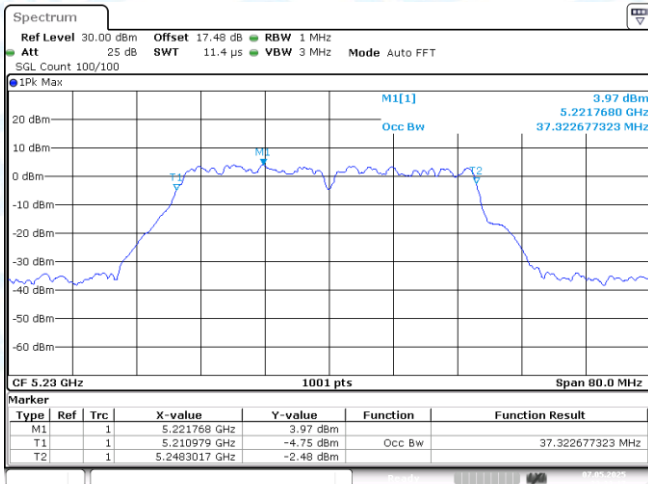
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11AC40MIMO-Ant1-5190



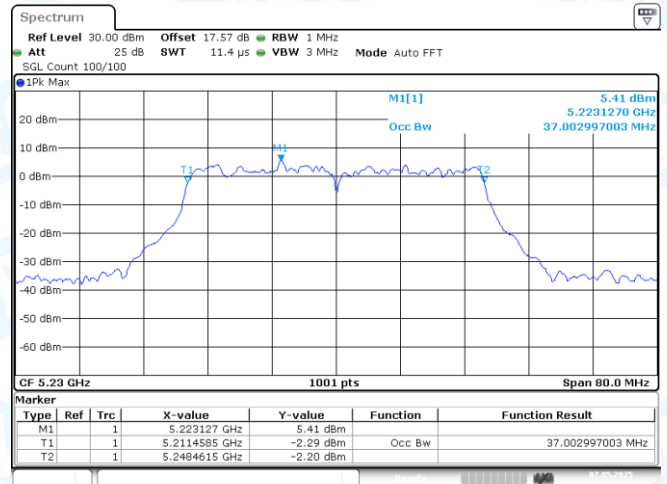
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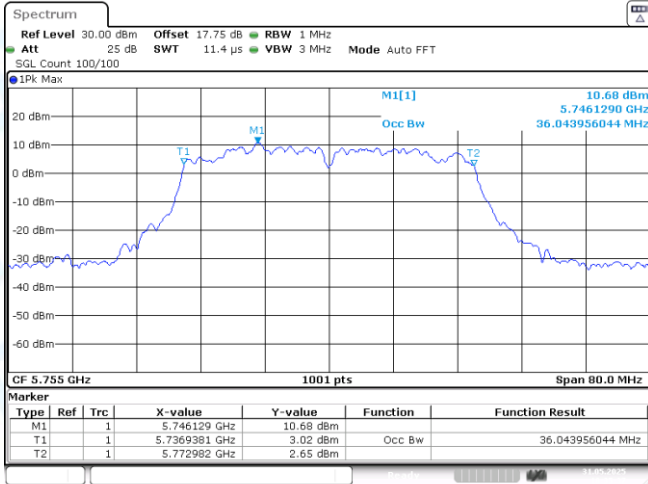
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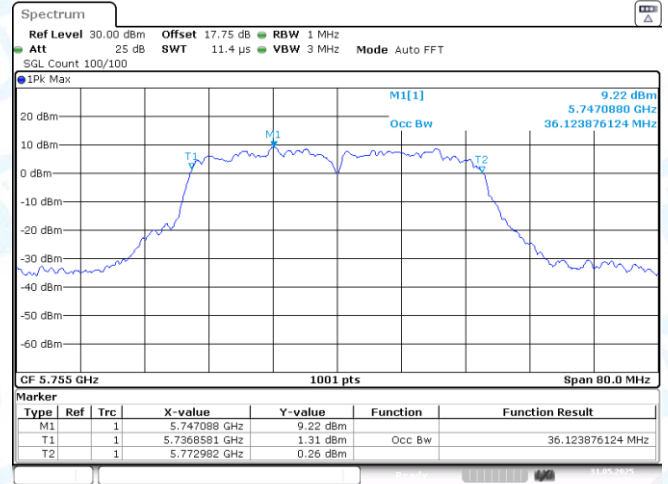
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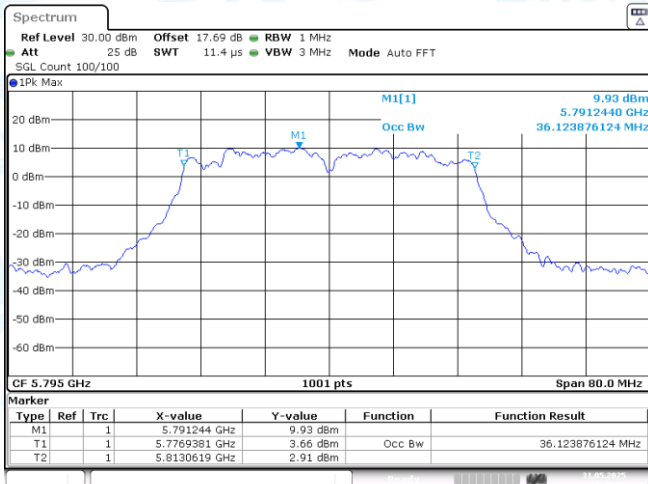
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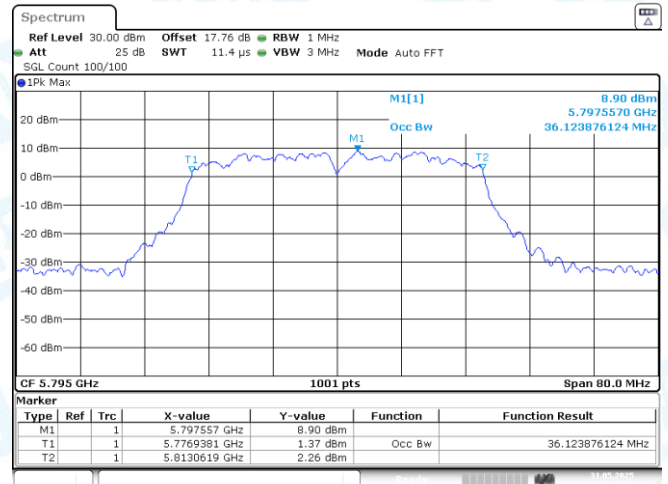
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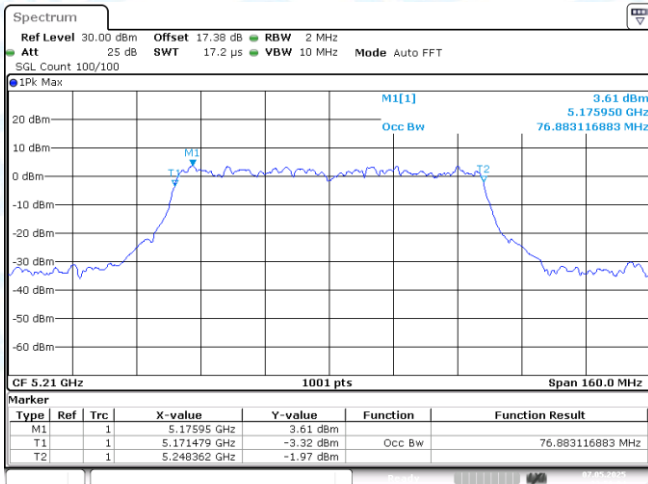
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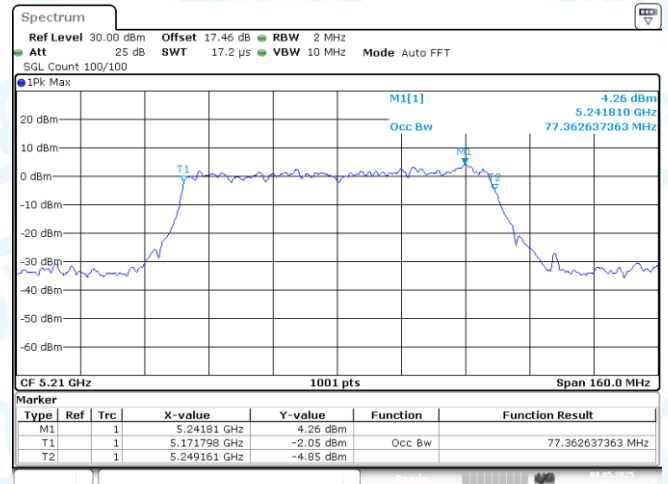
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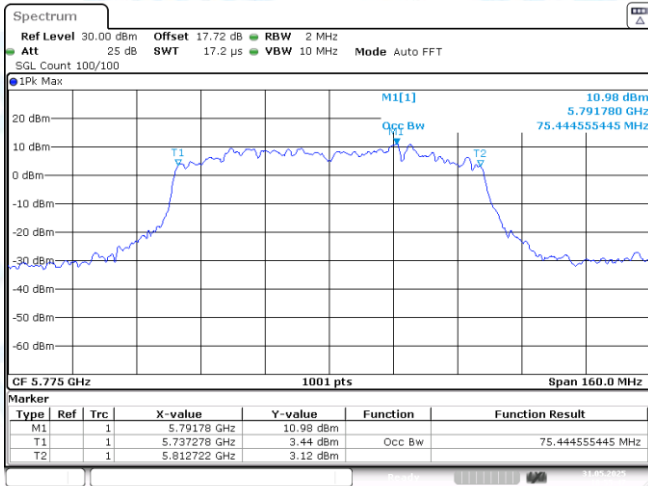
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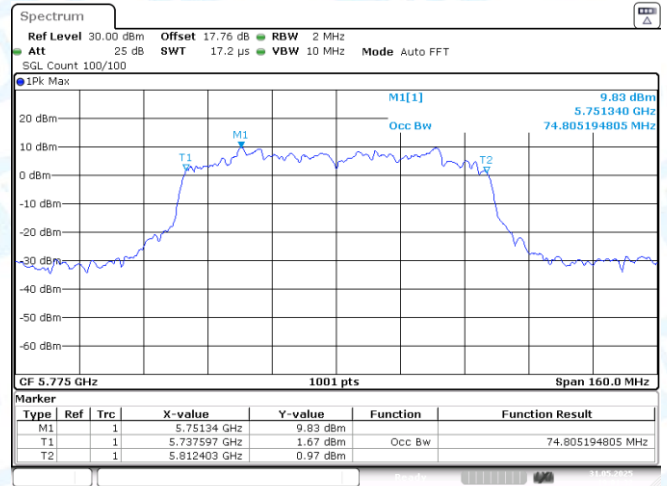
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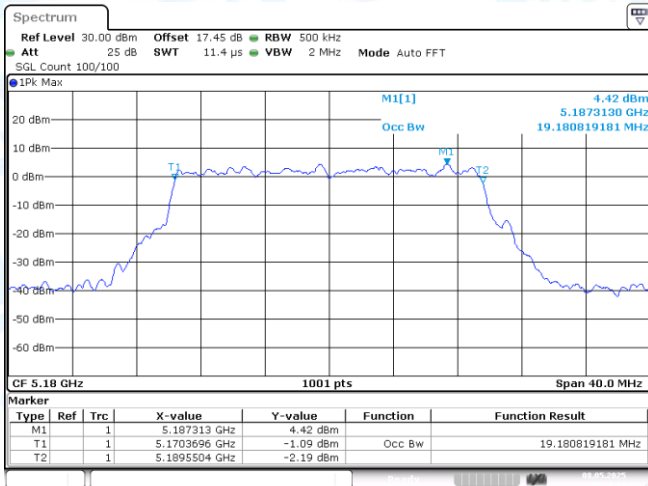
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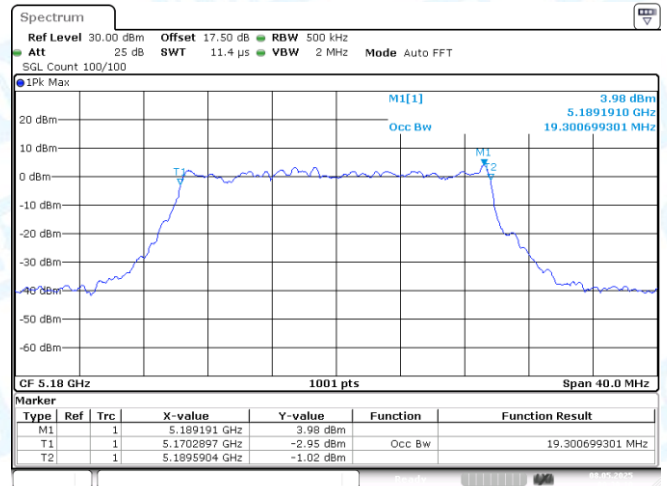
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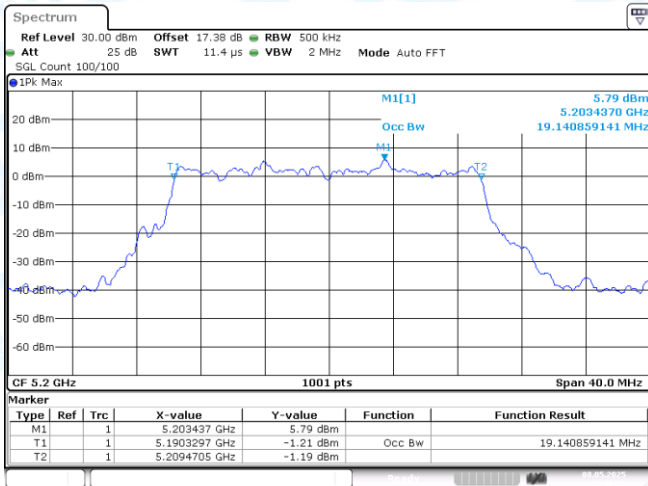
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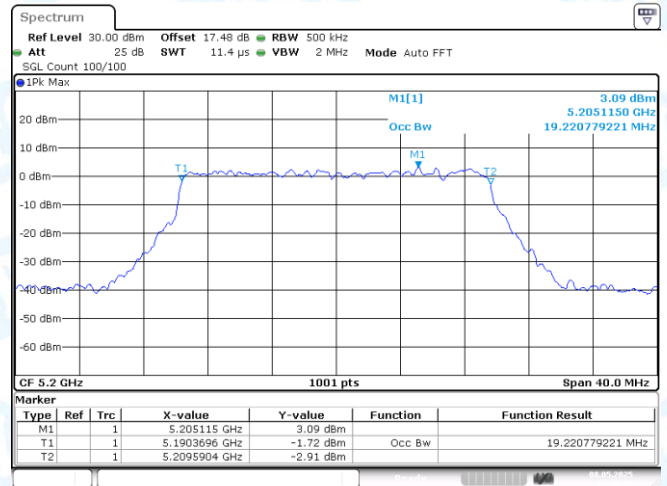
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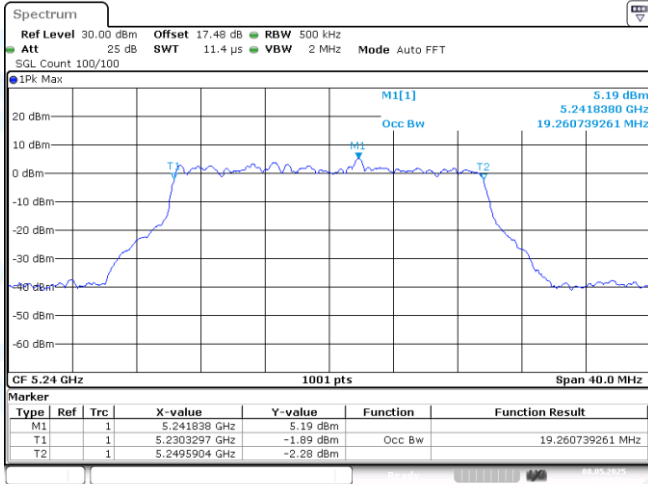
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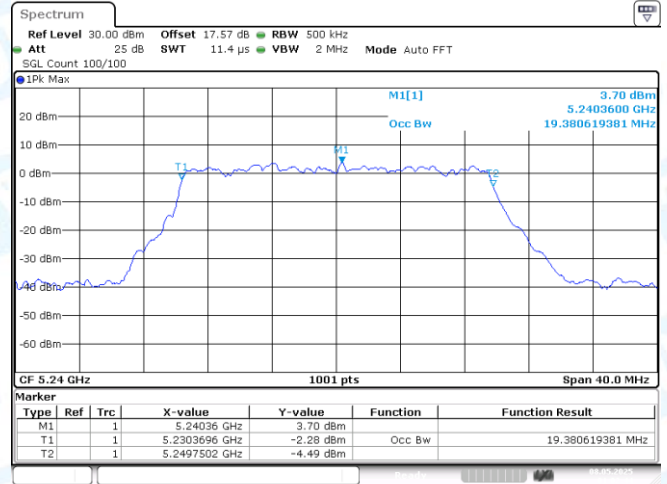
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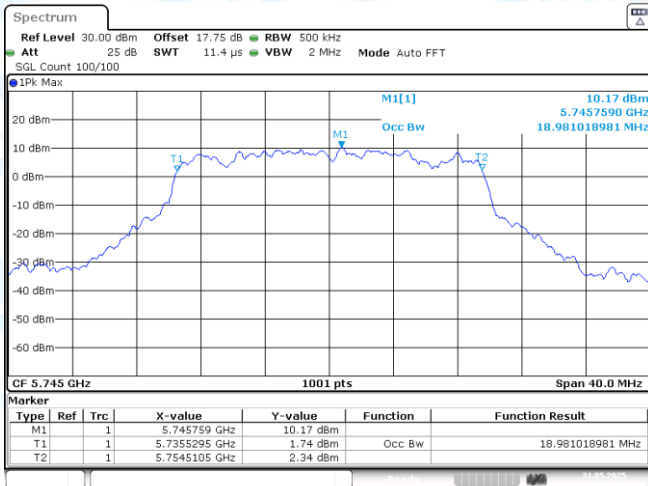
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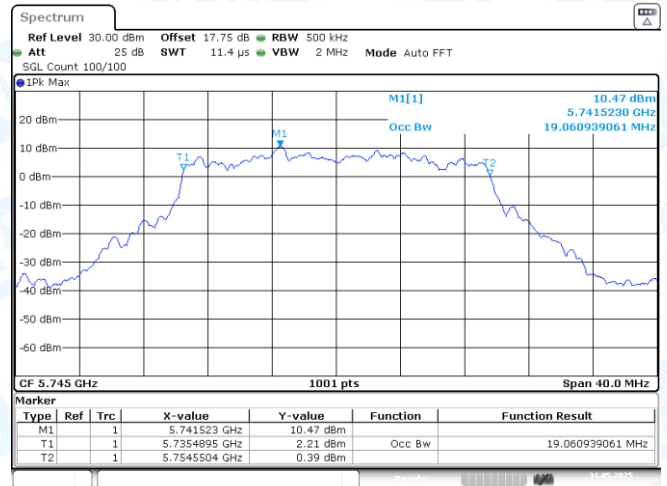
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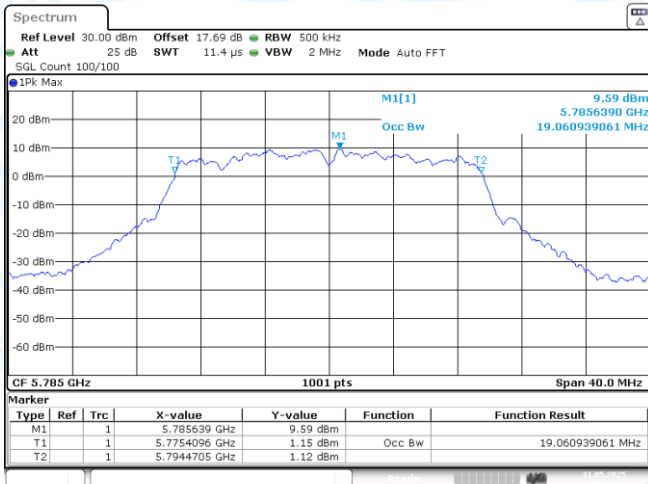
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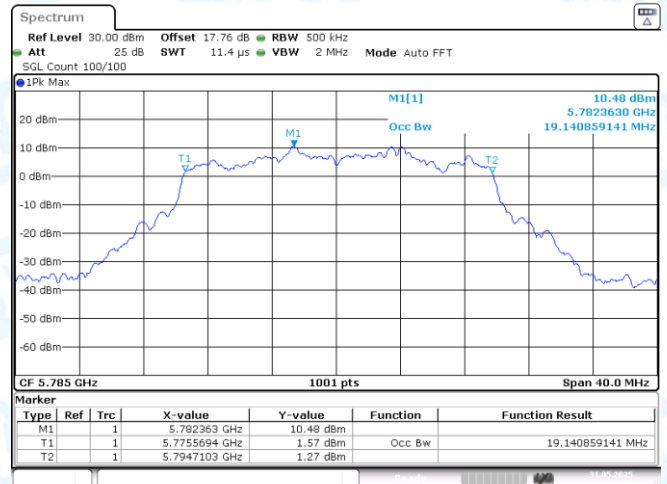
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11AX20MIMO-Ant2-5745



Date: 31.MAY.2025 19:16:30

11AX20MIMO-Ant1-5785



Date: 31.MAY.2025 19:19:50

11AX20MIMO-Ant2-5785