

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

General Description of EUT	
EUT Name:	Portable Gaming Computer(Tablet computer)
Model:	AYANEO Pocket DS
Sample ID:	HC-C-202412-0245-01-01-2#
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-202412-0245-213	

Contents

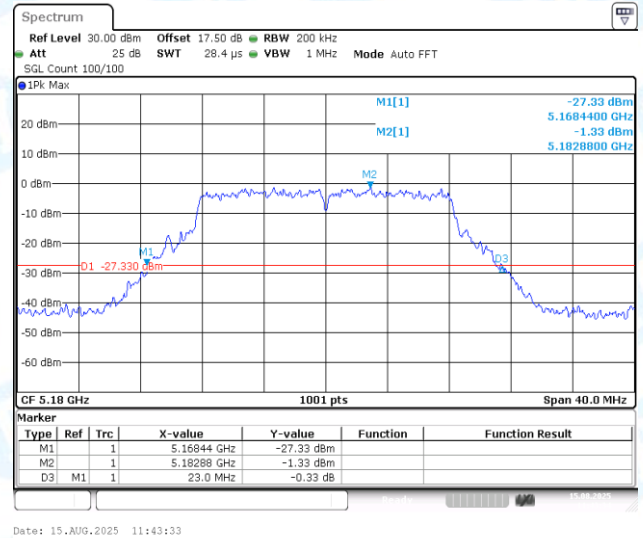
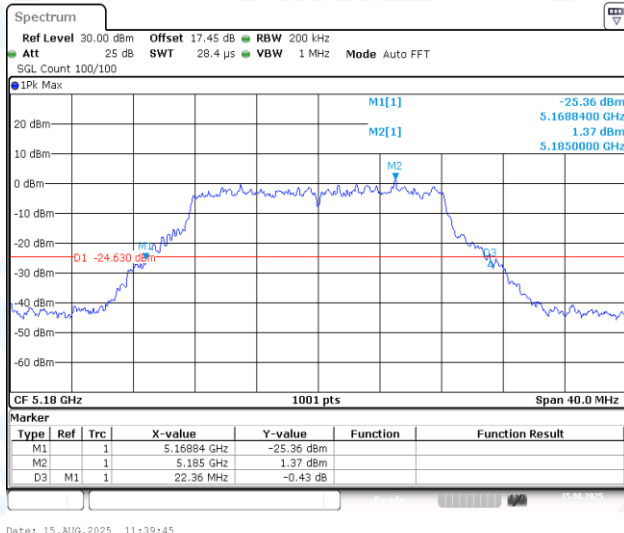
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1: Emission Bandwidth

1.1 Test Result

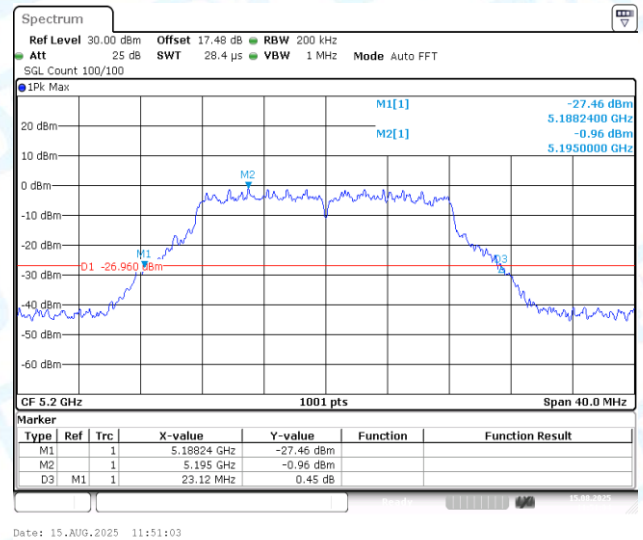
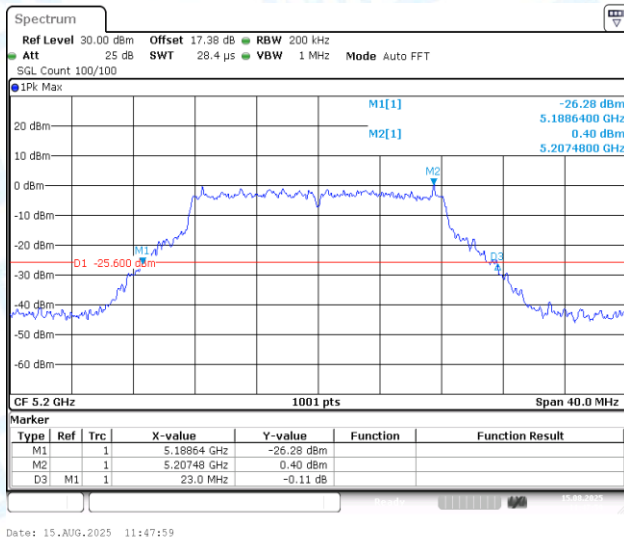
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	22.36	5168.84	5191.20	---	---
11A-CDD	Ant2	5180	23.00	5168.44	5191.44	---	---
11A-CDD	Ant1	5200	23.00	5188.64	5211.64	---	---
11A-CDD	Ant2	5200	23.12	5188.24	5211.36	---	---
11A-CDD	Ant1	5240	22.76	5228.68	5251.44	---	---
11A-CDD	Ant2	5240	22.84	5228.72	5251.56	---	---
11N20MIMO	Ant1	5180	22.76	5168.56	5191.32	---	---
11N20MIMO	Ant2	5180	23.20	5168.32	5191.52	---	---
11N20MIMO	Ant1	5200	23.28	5188.28	5211.56	---	---
11N20MIMO	Ant2	5200	22.56	5188.40	5210.96	---	---
11N20MIMO	Ant1	5240	23.44	5228.12	5251.56	---	---
11N20MIMO	Ant2	5240	23.52	5228.32	5251.84	---	---
11N40MIMO	Ant1	5190	43.20	5169.04	5212.24	---	---
11N40MIMO	Ant2	5190	44.56	5167.76	5212.32	---	---
11N40MIMO	Ant1	5230	43.92	5208.32	5252.24	---	---
11N40MIMO	Ant2	5230	44.96	5207.84	5252.80	---	---
11AC20MIMO	Ant1	5180	23.44	5168.24	5191.68	---	---
11AC20MIMO	Ant2	5180	23.12	5168.44	5191.56	---	---
11AC20MIMO	Ant1	5200	22.76	5188.52	5211.28	---	---
11AC20MIMO	Ant2	5200	22.48	5188.60	5211.08	---	---
11AC20MIMO	Ant1	5240	22.96	5228.44	5251.40	---	---
11AC20MIMO	Ant2	5240	23.24	5228.16	5251.40	---	---
11AC40MIMO	Ant1	5190	41.92	5168.96	5210.88	---	---
11AC40MIMO	Ant2	5190	43.68	5168.40	5212.08	---	---
11AC40MIMO	Ant1	5230	41.36	5209.68	5251.04	---	---
11AC40MIMO	Ant2	5230	43.12	5208.80	5251.92	---	---
11AC80MIMO	Ant1	5210	89.76	5164.40	5254.16	---	---
11AC80MIMO	Ant2	5210	92.16	5163.44	5255.60	---	---
11AX20MIMO	Ant1	5180	22.60	5168.84	5191.44	---	---
11AX20MIMO	Ant2	5180	22.72	5168.44	5191.16	---	---
11AX20MIMO	Ant1	5200	23.04	5188.80	5211.84	---	---
11AX20MIMO	Ant2	5200	22.60	5188.72	5211.32	---	---
11AX20MIMO	Ant1	5240	22.80	5228.60	5251.40	---	---
11AX20MIMO	Ant2	5240	23.00	5228.56	5251.56	---	---
11AX40MIMO	Ant1	5190	42.96	5169.12	5212.08	---	---
11AX40MIMO	Ant2	5190	41.44	5168.32	5209.76	---	---
11AX40MIMO	Ant1	5230	41.28	5209.92	5251.20	---	---
11AX40MIMO	Ant2	5230	41.52	5208.64	5250.16	---	---
11AX80MIMO	Ant1	5210	82.56	5169.20	5251.76	---	---
11AX80MIMO	Ant2	5210	89.12	5165.20	5254.32	---	---

1.2 Test Graphs



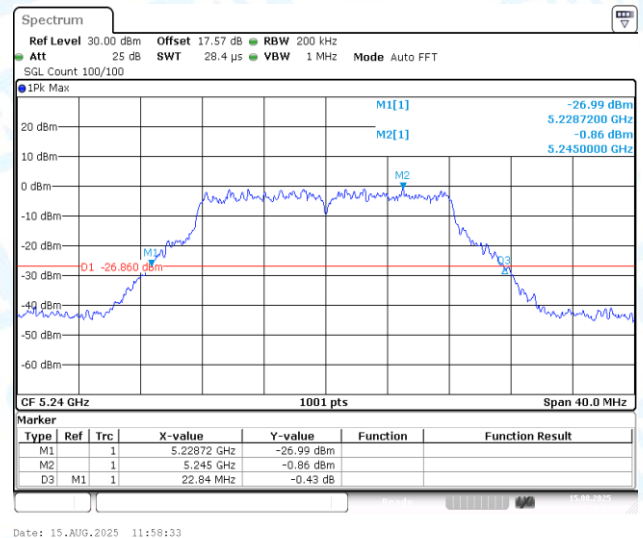
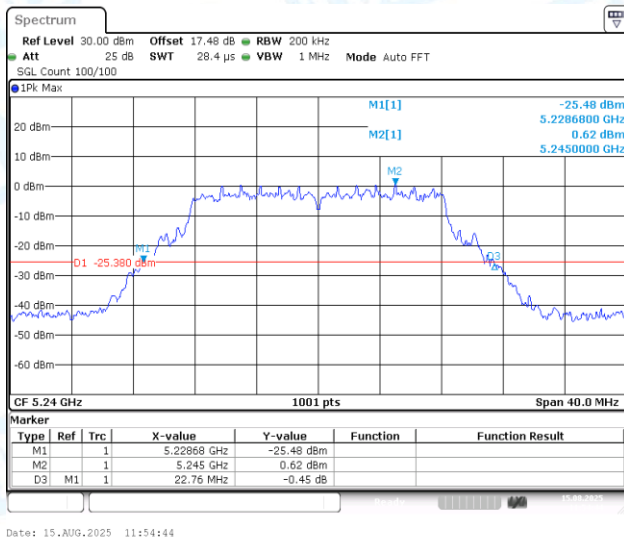
11A-CDD-Ant1-5180

11A-CDD-Ant2-5180



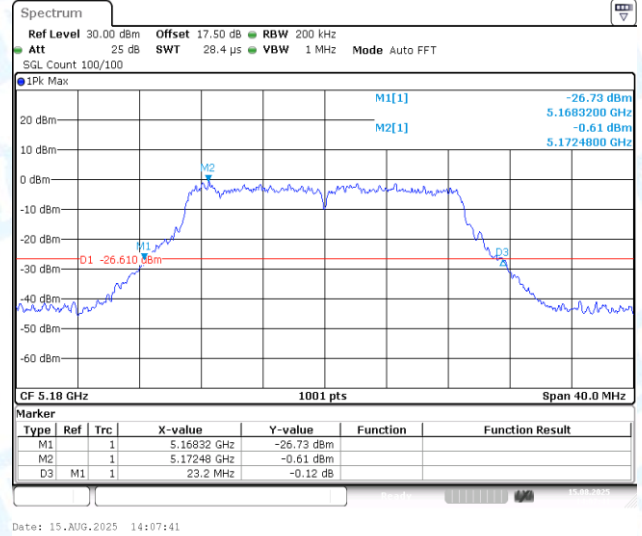
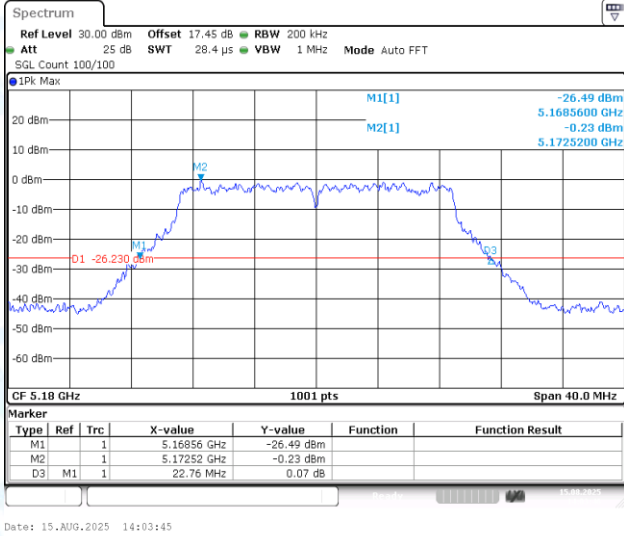
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11A-CDD-Ant2-5200



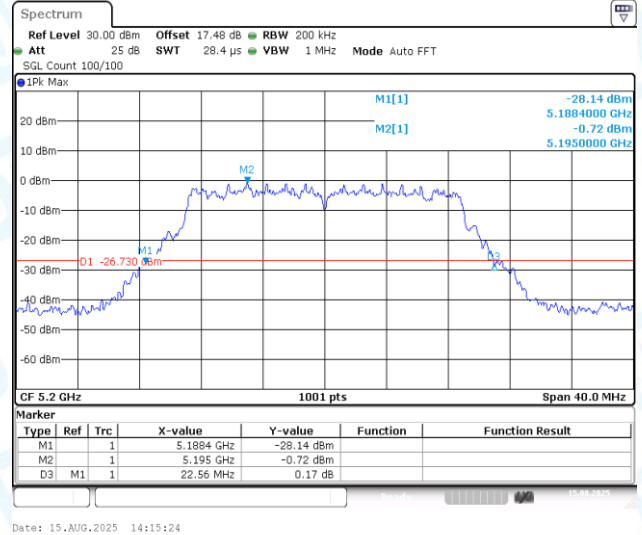
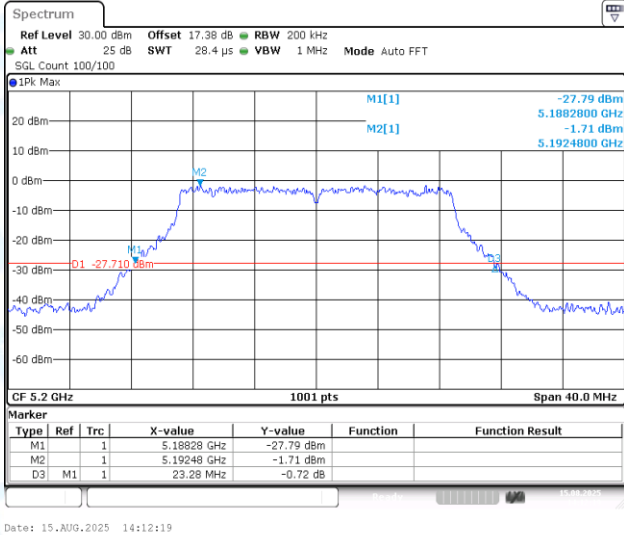
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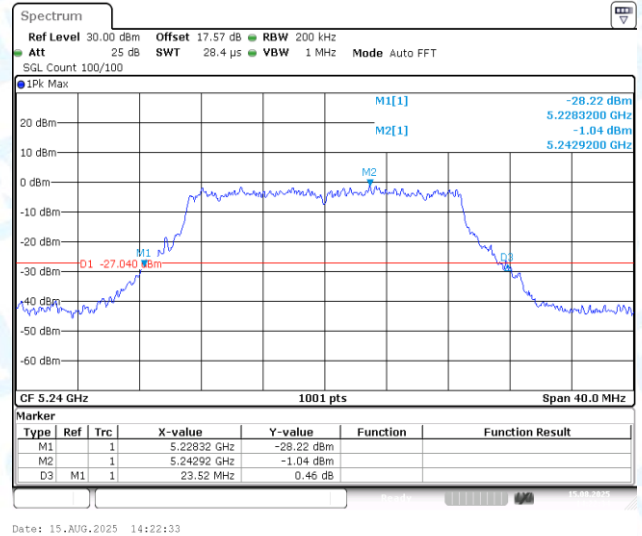
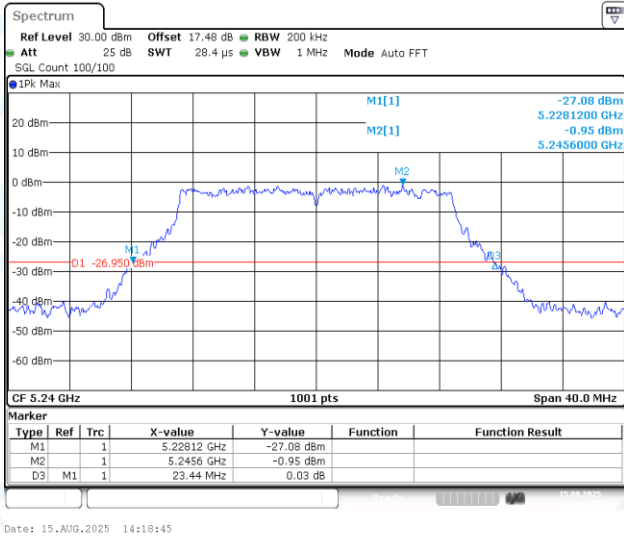
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11N20MIMO-Ant2-5180



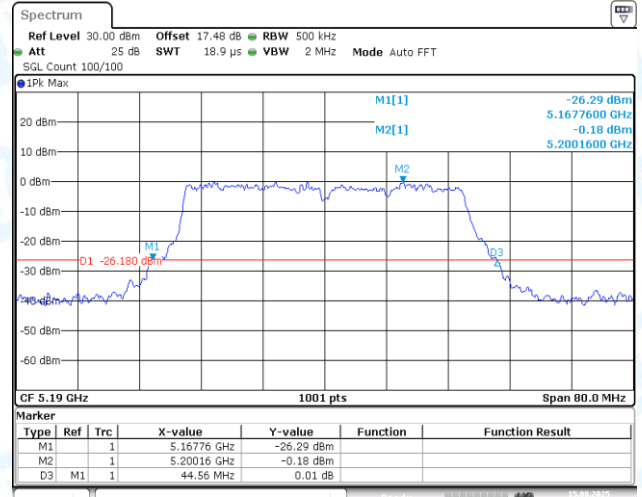
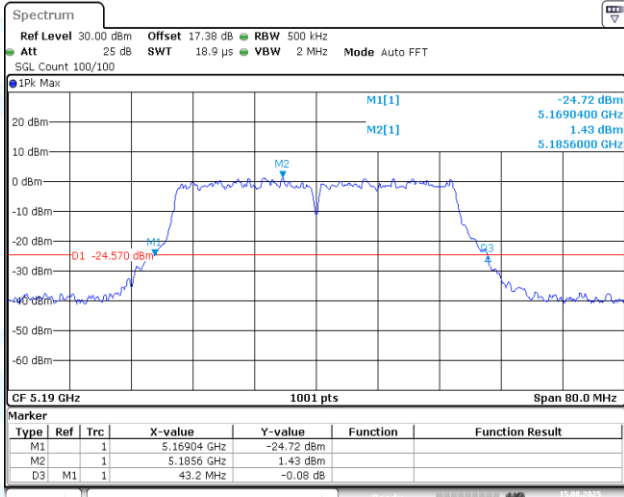
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11N20MIMO-Ant2-5200



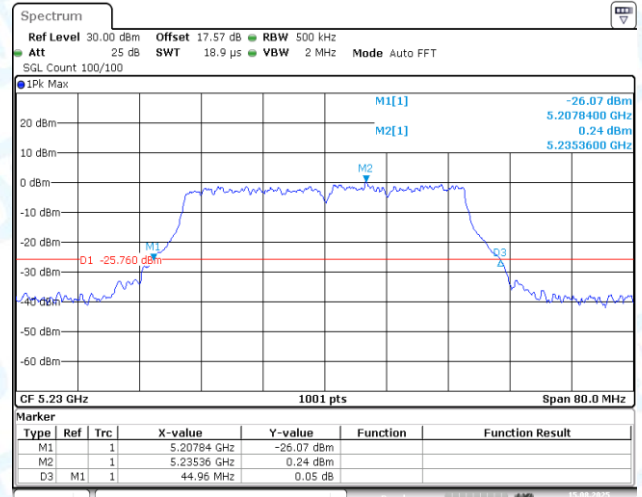
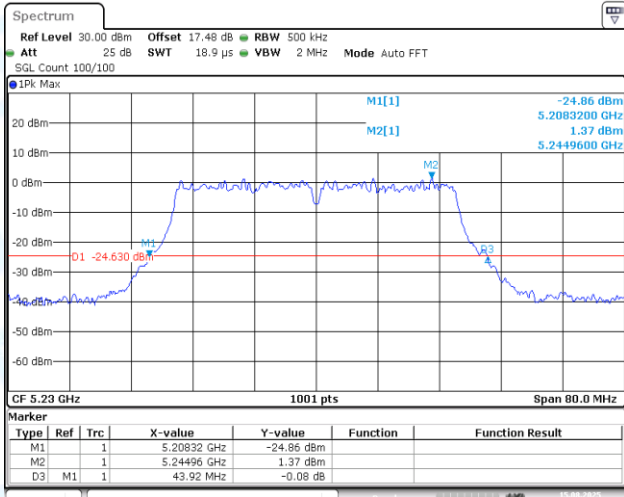
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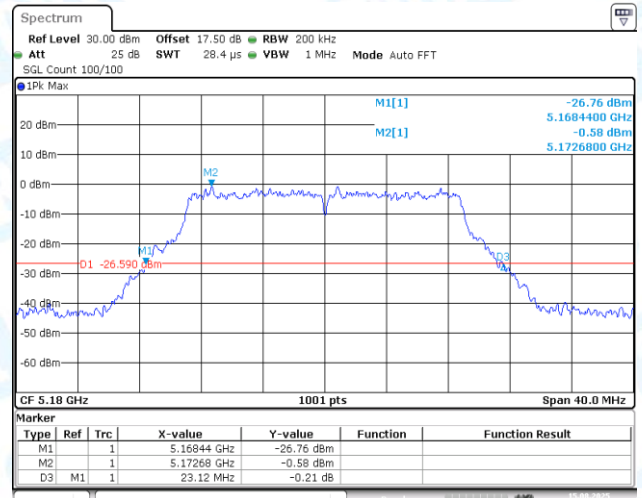
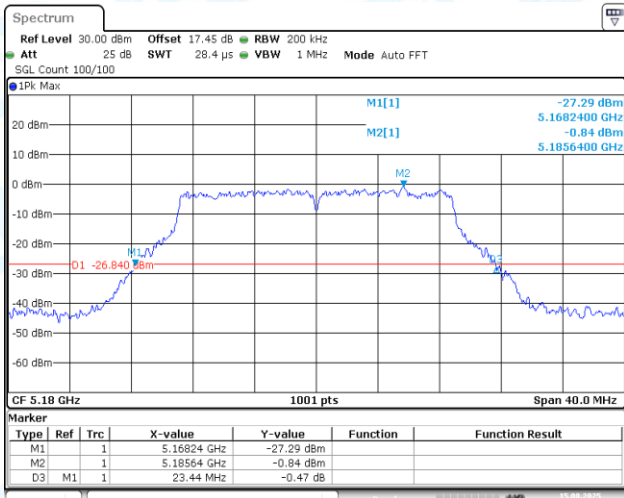
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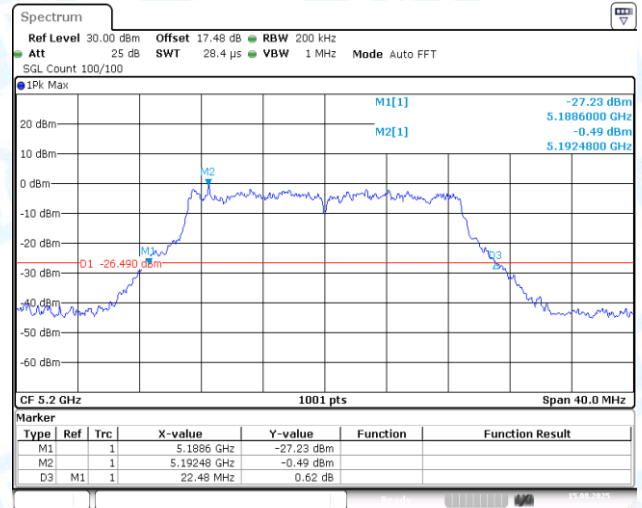
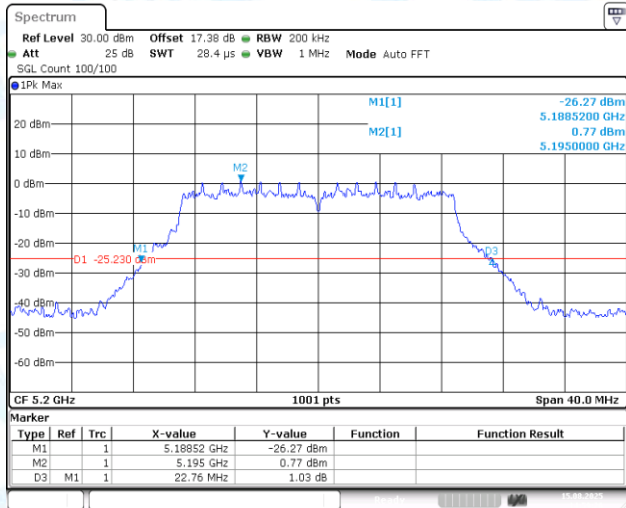
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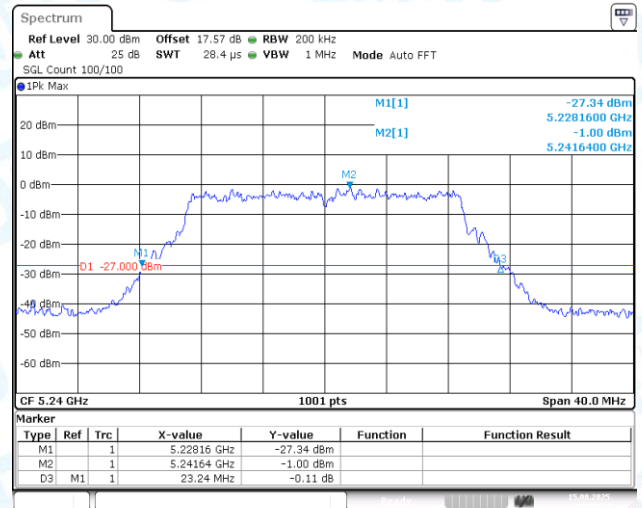
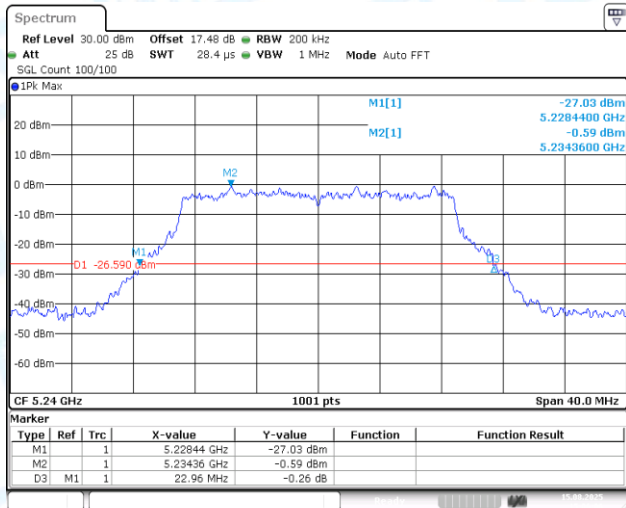


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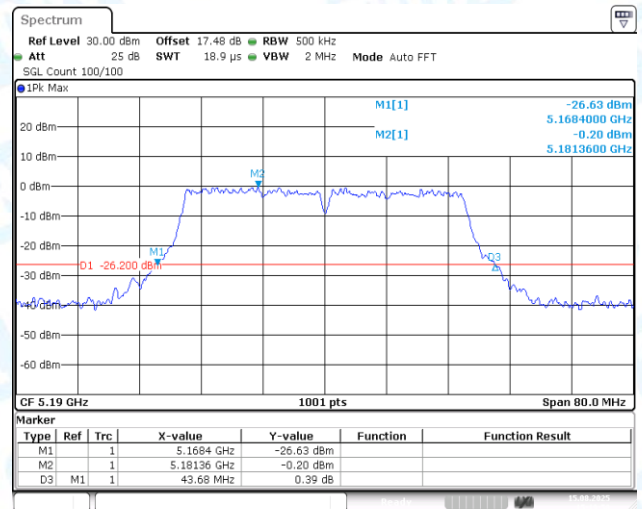
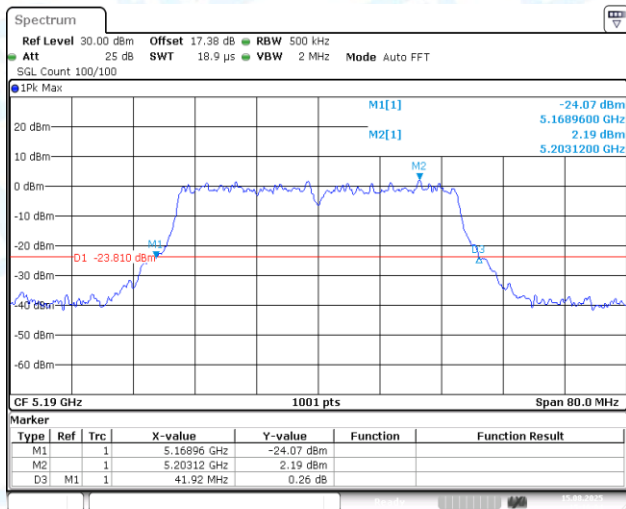
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11AC20MIMO-Ant1-5200

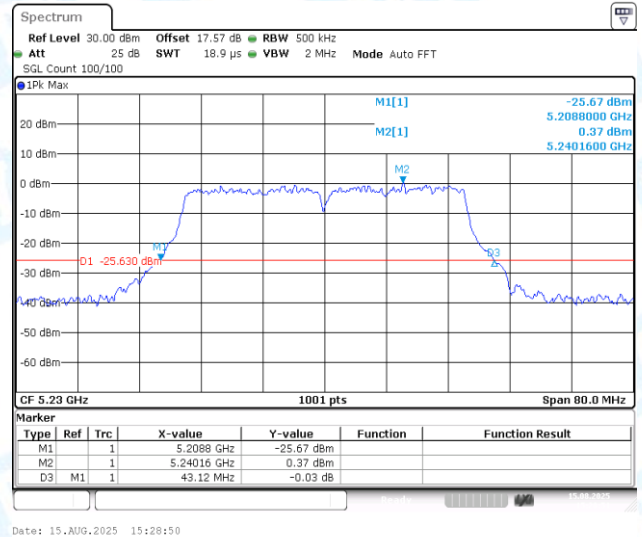
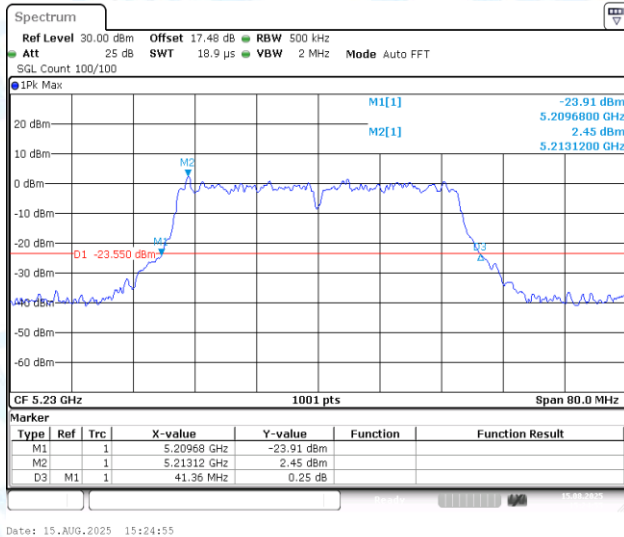


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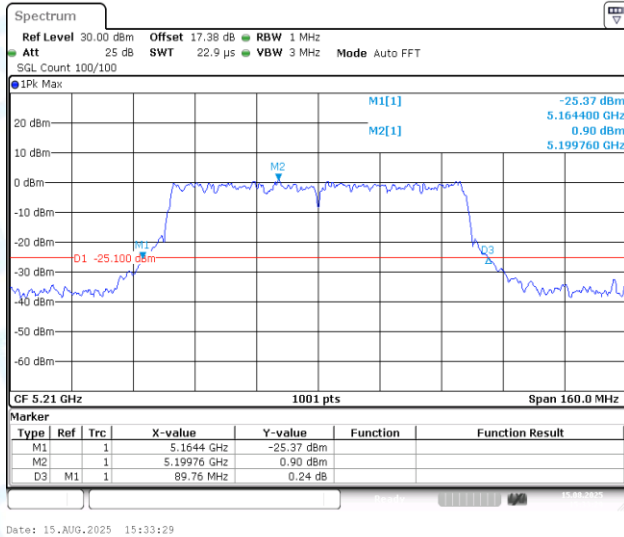


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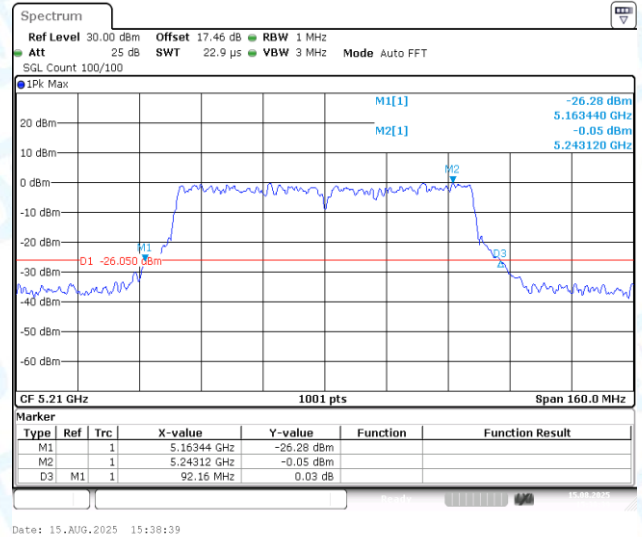
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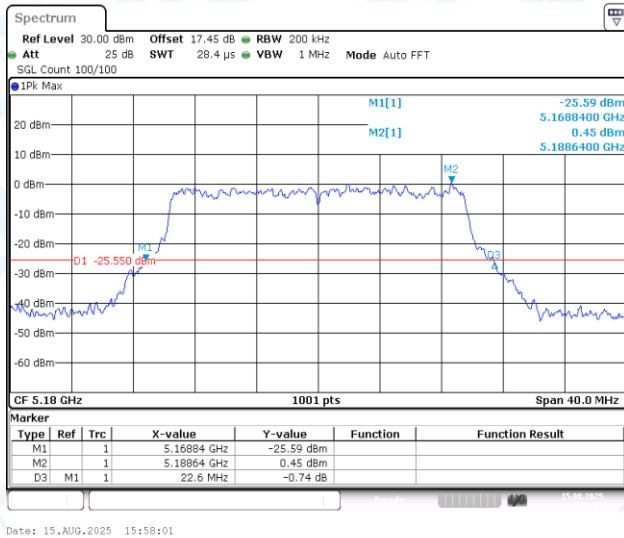
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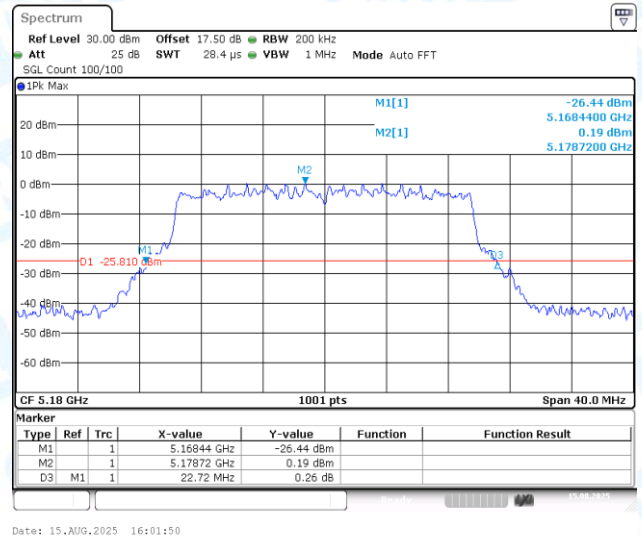
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11AC80MIMO-Ant1-5210

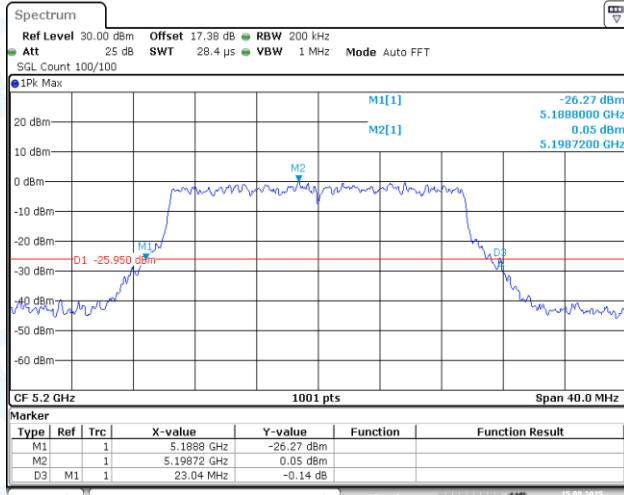


11AC80MIMO-Ant2-5210

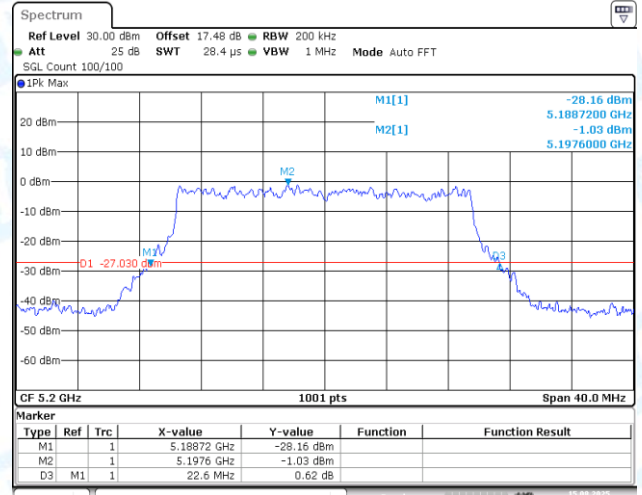


11AX20MIMO-Ant1-5180

11AX20MIMO-Ant2-5180

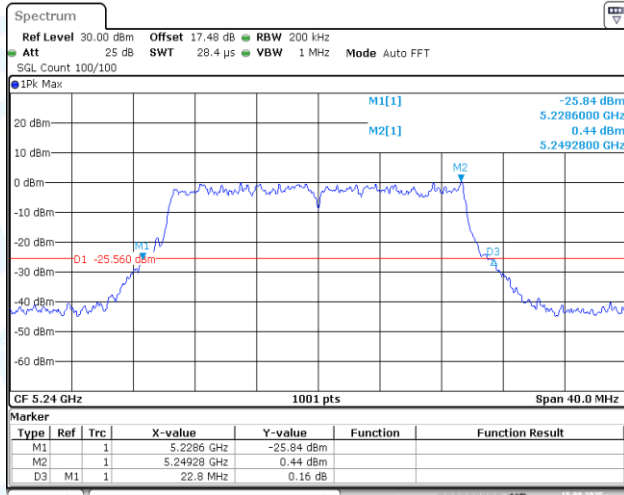


Date: 15.AUG.2025 16:28:18



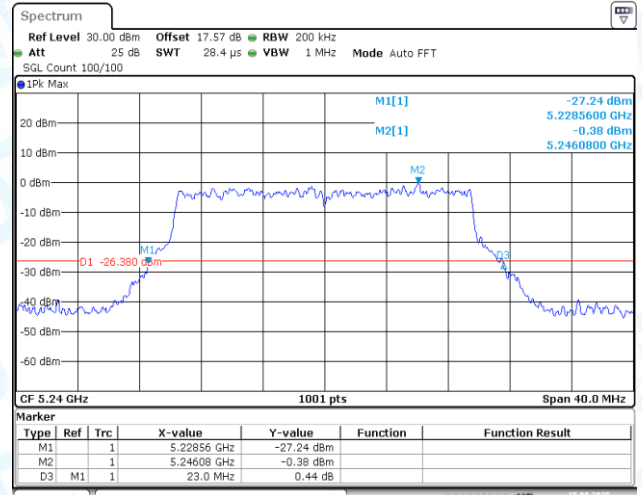
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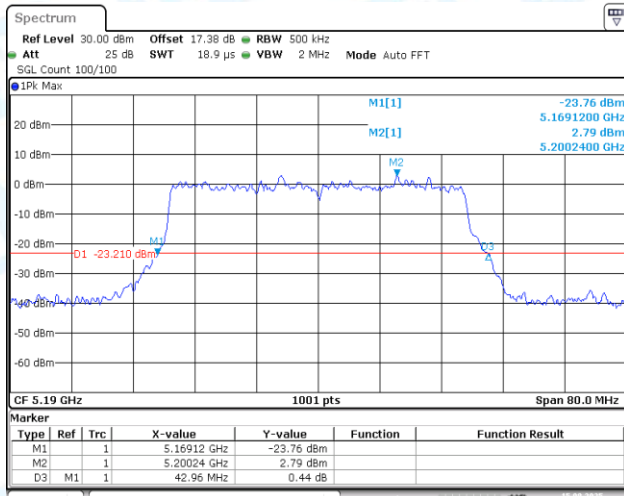
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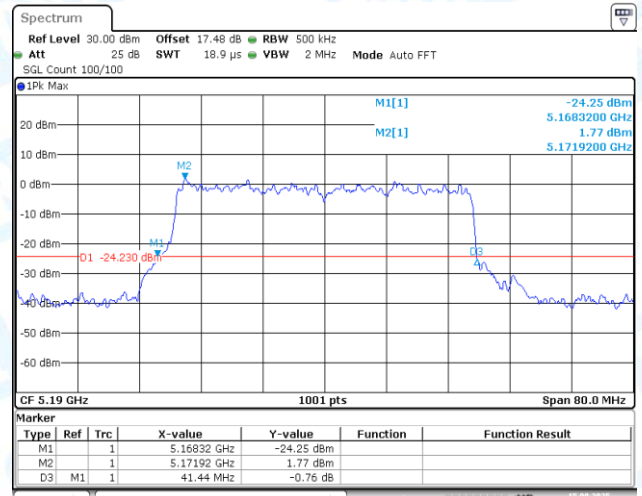
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11AX20MIMO-Ant1-5240



Date: 15.AUG.2025 16:43:25

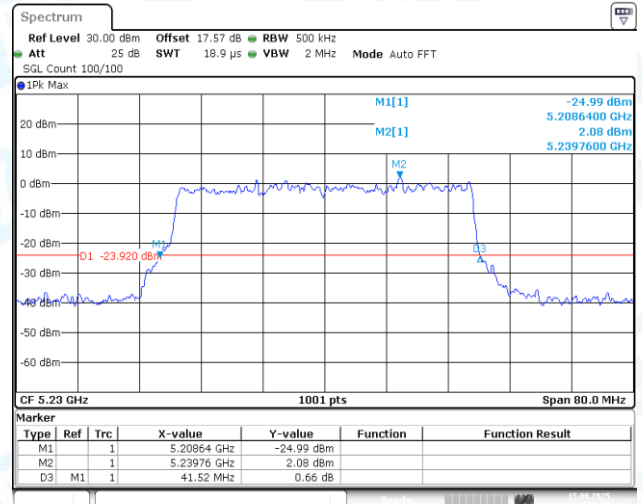
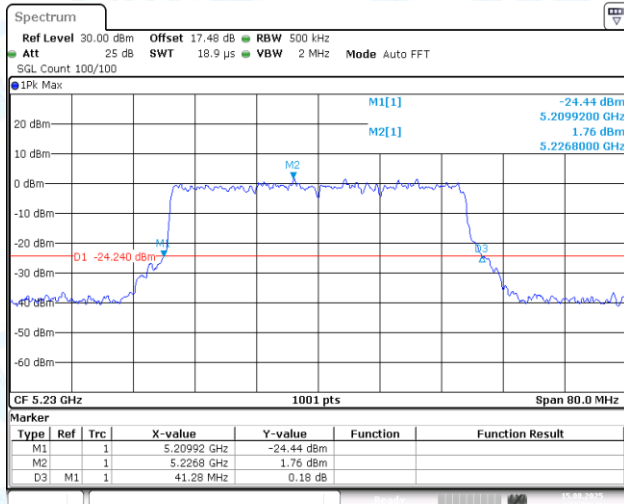
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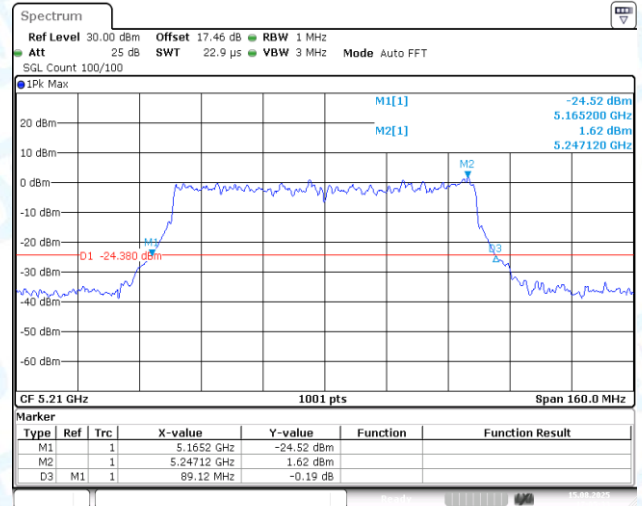
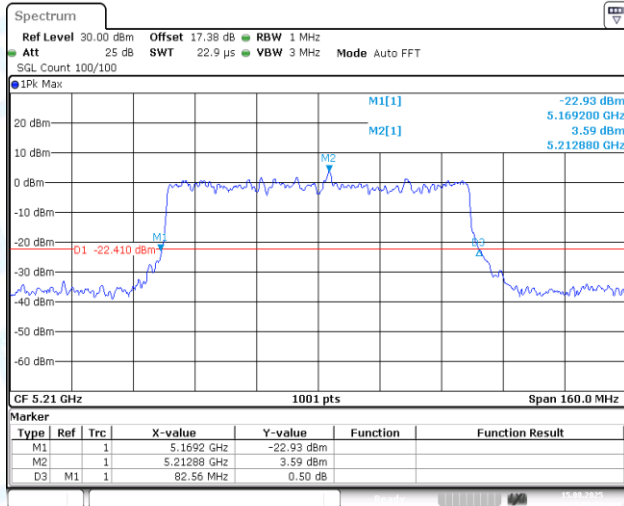
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11AX40MIMO-Ant2-5190



11AX40MIMO-Ant1-5230

11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

11AX80MIMO-Ant2-5210

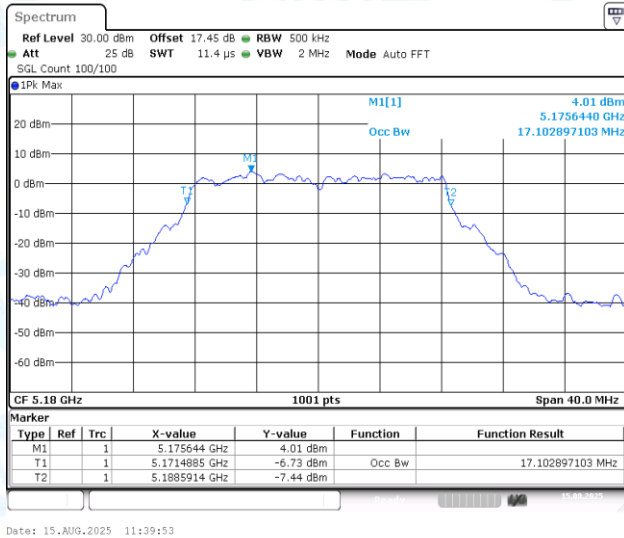
2: Occupied channel bandwidth

2.1 Test Result

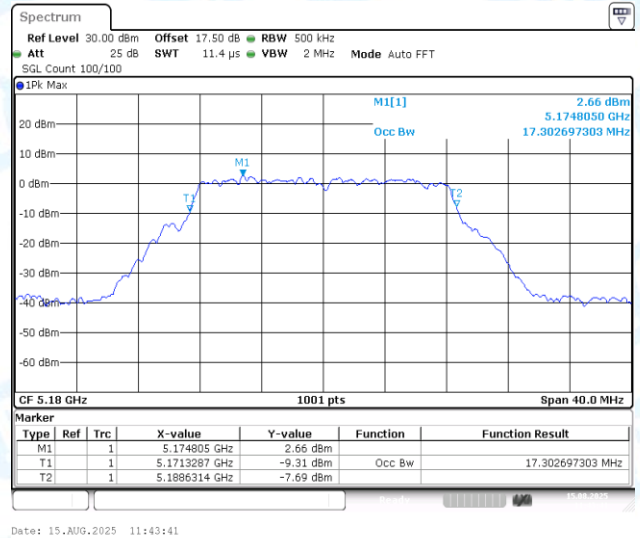
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.103	5171.4885	5188.5914	---	---
11A-CDD	Ant2	5180	17.303	5171.3287	5188.6314	---	---
11A-CDD	Ant1	5200	17.223	5191.4885	5208.7113	---	---
11A-CDD	Ant2	5200	17.423	5191.2488	5208.6713	---	---
11A-CDD	Ant1	5240	17.423	5231.3287	5248.7512	---	---
11A-CDD	Ant2	5240	17.502	5231.4486	5248.9510	---	---
11A-CDD	Ant1	5745	17.263	5736.3686	5753.6314	---	---
11A-CDD	Ant2	5745	17.183	5736.3686	5753.5514	---	---
11A-CDD	Ant1	5785	17.223	5776.2488	5793.4715	---	---
11A-CDD	Ant2	5785	17.303	5776.5285	5793.8312	---	---
11A-CDD	Ant1	5825	17.463	5816.2887	5833.7512	---	---
11A-CDD	Ant2	5825	17.223	5816.4885	5833.7113	---	---
11N20MIMO	Ant1	5180	18.222	5170.8492	5189.0709	---	---
11N20MIMO	Ant2	5180	18.342	5170.7692	5189.1109	---	---
11N20MIMO	Ant1	5200	18.342	5190.6893	5209.0310	---	---
11N20MIMO	Ant2	5200	18.342	5190.7692	5209.1109	---	---
11N20MIMO	Ant1	5240	18.501	5230.8092	5249.3107	---	---
11N20MIMO	Ant2	5240	18.382	5230.7293	5249.1109	---	---
11N20MIMO	Ant1	5745	18.262	5735.7293	5753.9910	---	---
11N20MIMO	Ant2	5745	18.621	5735.7692	5754.3906	---	---
11N20MIMO	Ant1	5785	18.102	5776.0090	5794.1109	---	---
11N20MIMO	Ant2	5785	18.222	5775.8092	5794.0310	---	---
11N20MIMO	Ant1	5825	18.621	5815.4895	5834.1109	---	---
11N20MIMO	Ant2	5825	18.302	5815.7692	5834.0709	---	---
11N40MIMO	Ant1	5190	36.843	5171.6184	5208.4615	---	---
11N40MIMO	Ant2	5190	36.843	5171.5385	5208.3816	---	---
11N40MIMO	Ant1	5230	36.923	5211.5385	5248.4615	---	---
11N40MIMO	Ant2	5230	36.843	5211.5385	5248.3816	---	---
11N40MIMO	Ant1	5755	36.843	5736.5385	5773.3816	---	---
11N40MIMO	Ant2	5755	36.683	5736.4585	5773.1419	---	---
11N40MIMO	Ant1	5795	37.003	5776.3786	5813.3816	---	---
11N40MIMO	Ant2	5795	36.683	5776.6184	5813.3017	---	---
11AC20MIMO	Ant1	5180	18.422	5170.9291	5189.3506	---	---
11AC20MIMO	Ant2	5180	18.222	5170.7692	5188.9910	---	---
11AC20MIMO	Ant1	5200	18.302	5190.8492	5209.1508	---	---
11AC20MIMO	Ant2	5200	18.382	5190.8492	5209.2308	---	---
11AC20MIMO	Ant1	5240	18.302	5230.8891	5249.1908	---	---
11AC20MIMO	Ant2	5240	18.222	5230.8891	5249.1109	---	---
11AC20MIMO	Ant1	5745	18.501	5735.7293	5754.2308	---	---
11AC20MIMO	Ant2	5745	18.581	5735.7293	5754.3107	---	---
11AC20MIMO	Ant1	5785	18.302	5775.8492	5794.1508	---	---

11AC20MIMO	Ant2	5785	18.581	5775.6094	5794.1908	---	---
11AC20MIMO	Ant1	5825	18.222	5815.8891	5834.1109	---	---
11AC20MIMO	Ant2	5825	18.382	5815.7293	5834.1109	---	---
11AC40MIMO	Ant1	5190	36.763	5171.6983	5208.4615	---	---
11AC40MIMO	Ant2	5190	37.323	5170.8991	5208.2218	---	---
11AC40MIMO	Ant1	5230	37.003	5211.6184	5248.6214	---	---
11AC40MIMO	Ant2	5230	36.763	5211.6184	5248.3816	---	---
11AC40MIMO	Ant1	5755	36.843	5736.5385	5773.3816	---	---
11AC40MIMO	Ant2	5755	36.763	5736.6184	5773.3816	---	---
11AC40MIMO	Ant1	5795	36.603	5776.6184	5813.2218	---	---
11AC40MIMO	Ant2	5795	37.163	5776.2188	5813.3816	---	---
11AC80MIMO	Ant1	5210	76.883	5171.6384	5248.5215	---	---
11AC80MIMO	Ant2	5210	77.043	5171.4785	5248.5215	---	---
11AC80MIMO	Ant1	5775	76.883	5736.4785	5813.3616	---	---
11AC80MIMO	Ant2	5775	77.203	5736.6384	5813.8412	---	---
11AX20MIMO	Ant1	5180	19.301	5170.3297	5189.6304	---	---
11AX20MIMO	Ant2	5180	19.181	5170.4096	5189.5904	---	---
11AX20MIMO	Ant1	5200	19.301	5190.2498	5209.5504	---	---
11AX20MIMO	Ant2	5200	19.341	5190.2897	5209.6304	---	---
11AX20MIMO	Ant1	5240	19.301	5230.3696	5249.6703	---	---
11AX20MIMO	Ant2	5240	19.381	5230.2498	5249.6304	---	---
11AX20MIMO	Ant1	5745	19.261	5735.2897	5754.5504	---	---
11AX20MIMO	Ant2	5745	19.341	5735.2098	5754.5504	---	---
11AX20MIMO	Ant1	5785	19.261	5775.3297	5794.5904	---	---
11AX20MIMO	Ant2	5785	19.141	5775.4096	5794.5504	---	---
11AX20MIMO	Ant1	5825	19.141	5815.4096	5834.5504	---	---
11AX20MIMO	Ant2	5825	19.261	5815.3297	5834.5904	---	---
11AX40MIMO	Ant1	5190	38.122	5170.8192	5208.9411	---	---
11AX40MIMO	Ant2	5190	38.601	5170.4995	5209.1009	---	---
11AX40MIMO	Ant1	5230	38.122	5210.8991	5249.0210	---	---
11AX40MIMO	Ant2	5230	38.442	5210.7393	5249.1808	---	---
11AX40MIMO	Ant1	5755	38.202	5735.8192	5774.0210	---	---
11AX40MIMO	Ant2	5755	38.761	5735.2597	5774.0210	---	---
11AX40MIMO	Ant1	5795	38.122	5775.9790	5814.1009	---	---
11AX40MIMO	Ant2	5795	38.601	5775.8192	5814.4206	---	---
11AX80MIMO	Ant1	5210	78.162	5170.9990	5249.1608	---	---
11AX80MIMO	Ant2	5210	78.322	5170.9990	5249.3207	---	---
11AX80MIMO	Ant1	5775	77.842	5735.9990	5813.8412	---	---
11AX80MIMO	Ant2	5775	78.322	5735.9990	5814.3207	---	---

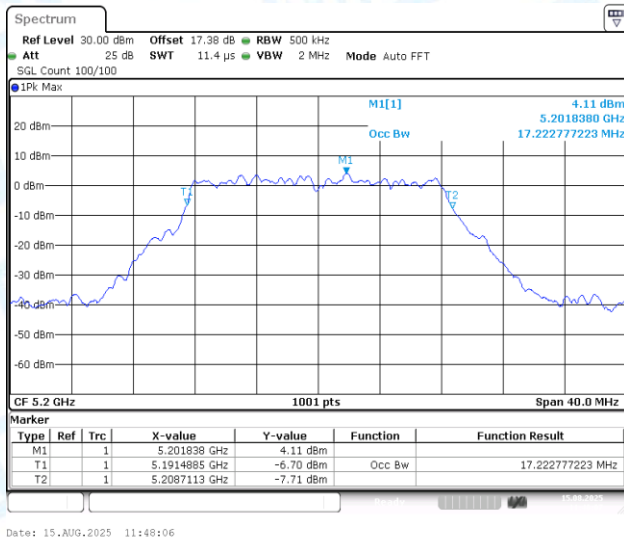
2.2 Test Graphs



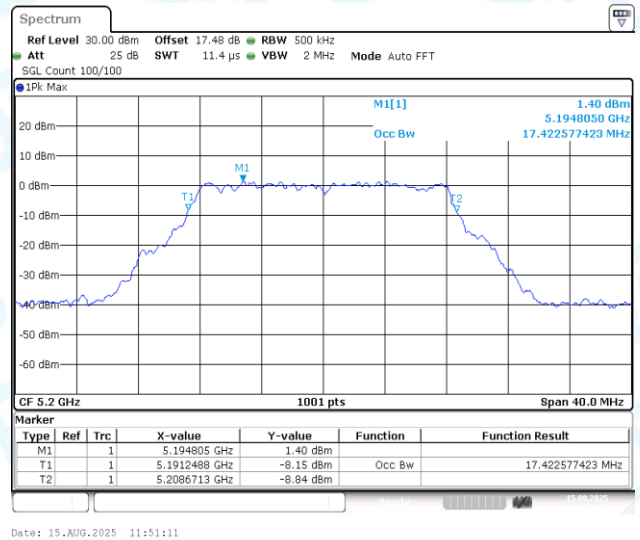
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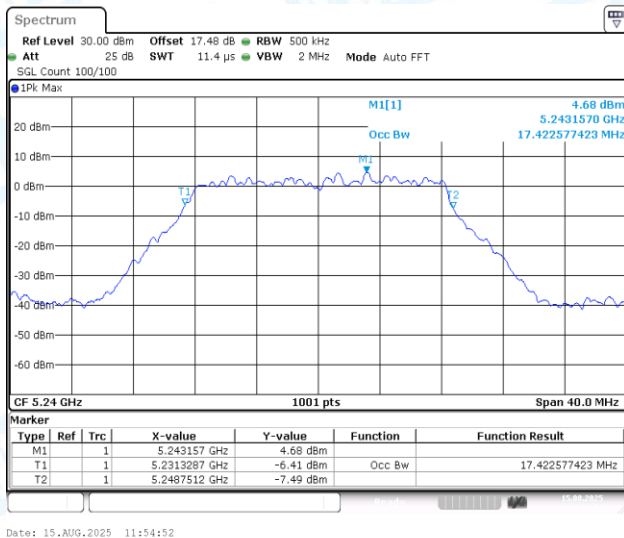
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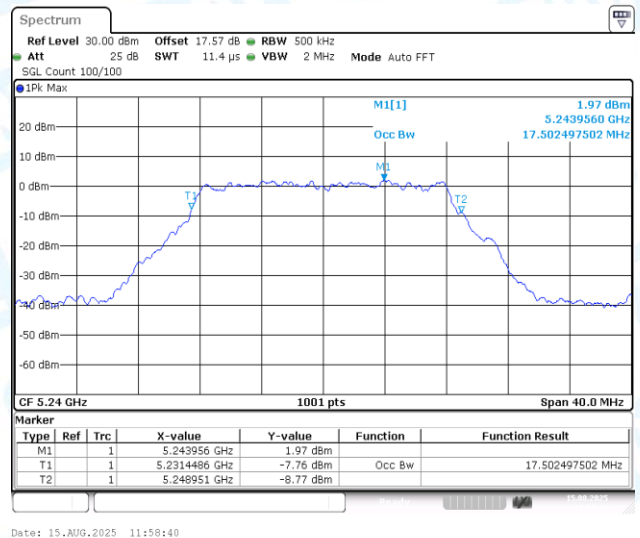
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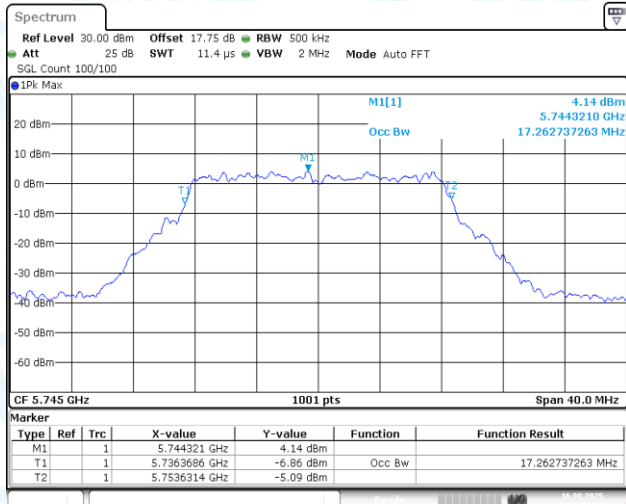
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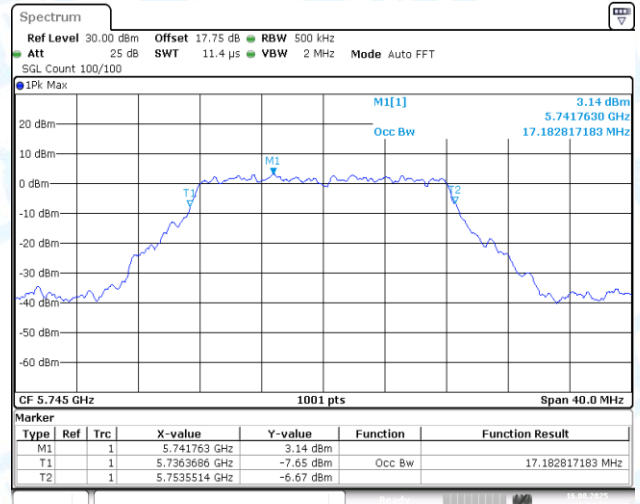
11A-CDD-Ant1-5240



11A-CDD-Ant2-5240



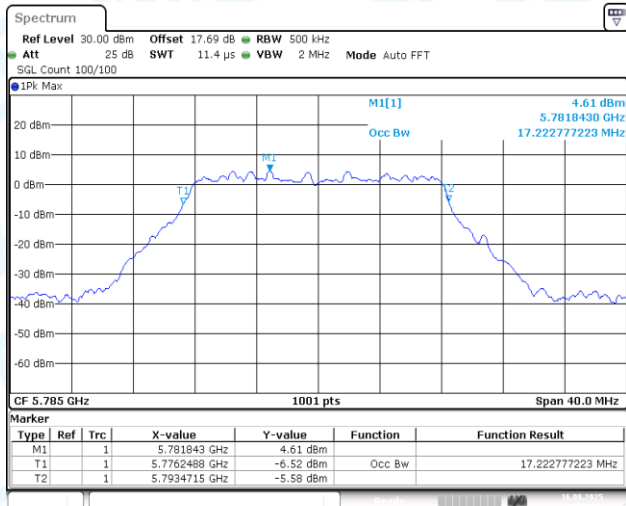
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11A-CDD-Ant1-5745

11A-CDD-Ant2-5745



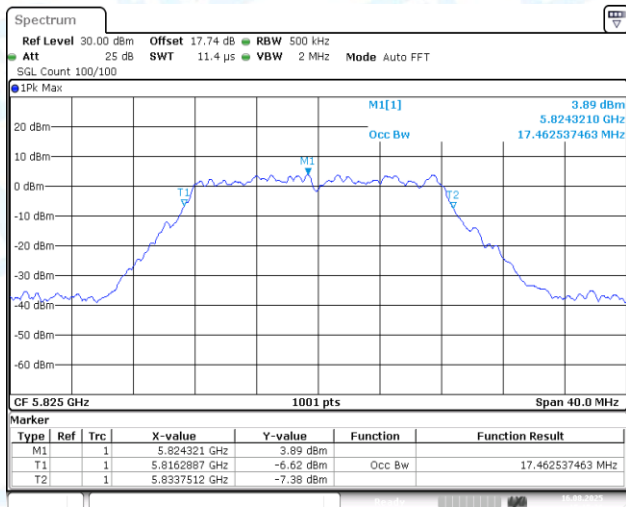
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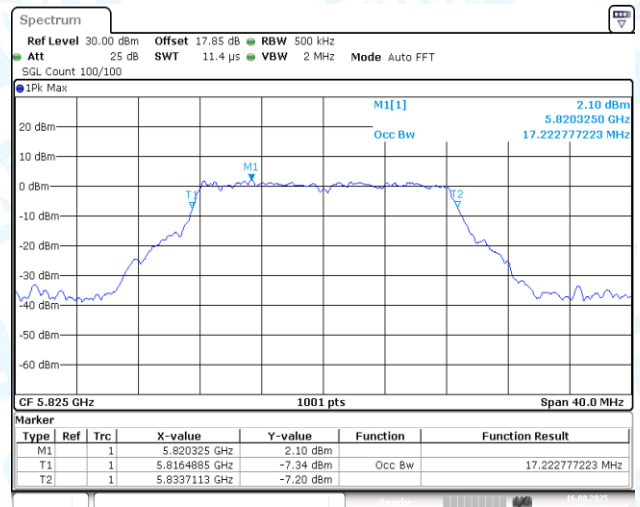
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11A-CDD-Ant1-5785

11A-CDD-Ant2-5785



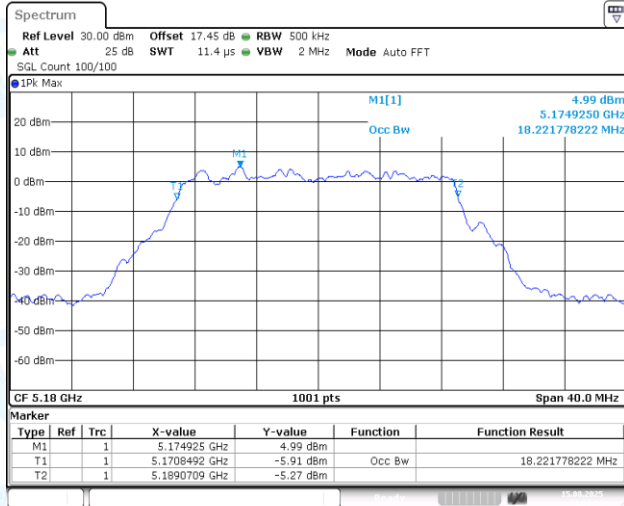
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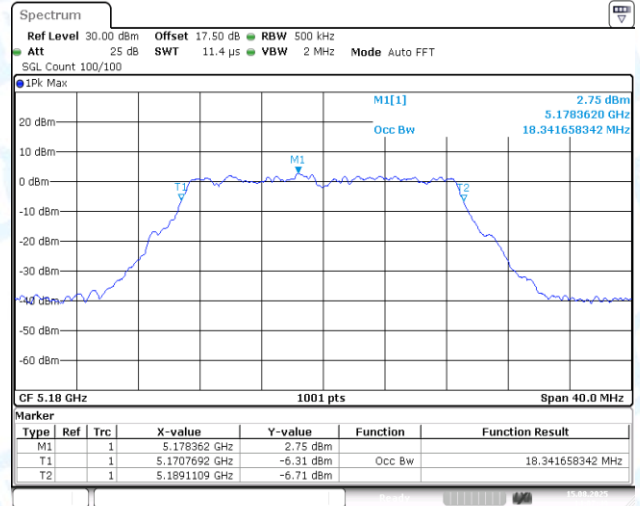
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11A-CDD-Ant1-5825

11A-CDD-Ant2-5825



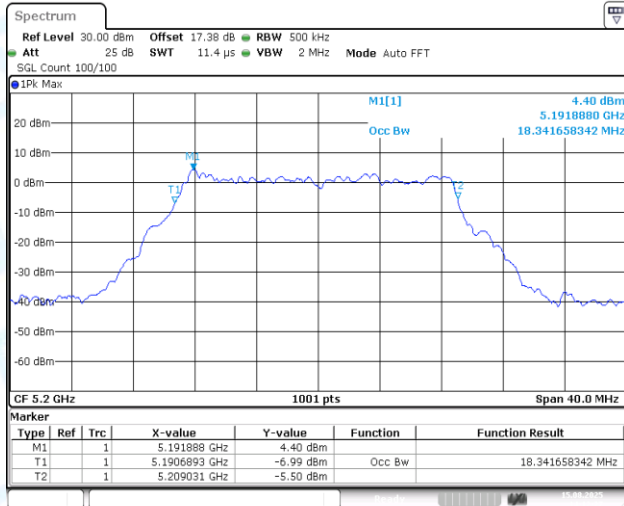
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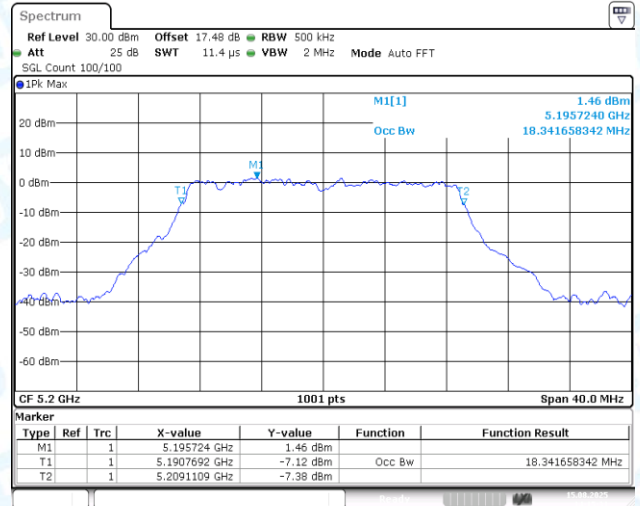
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11N20MIMO-Ant1-5180

11N20MIMO-Ant2-5180



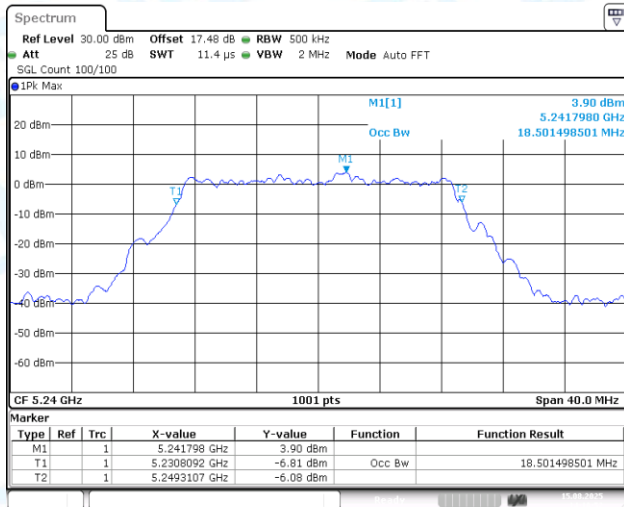
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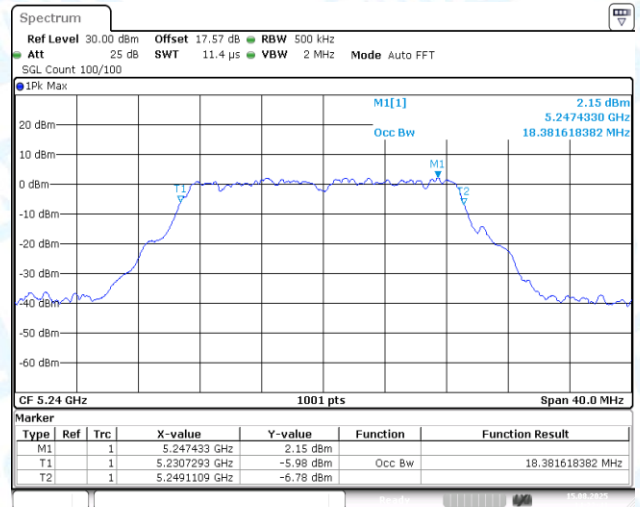
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11N20MIMO-Ant1-5200

11N20MIMO-Ant2-5200



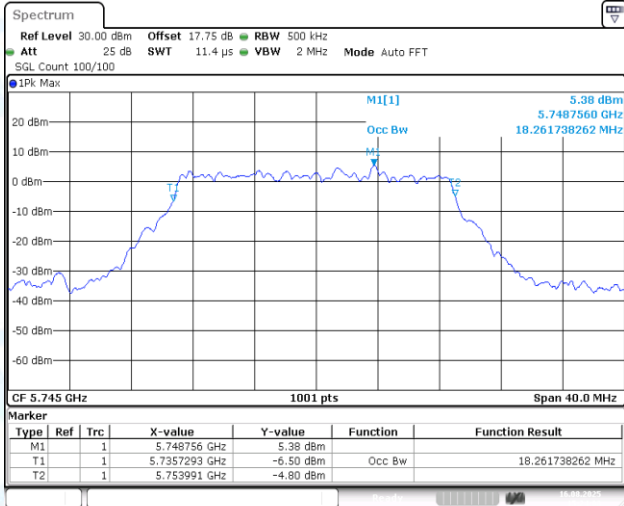
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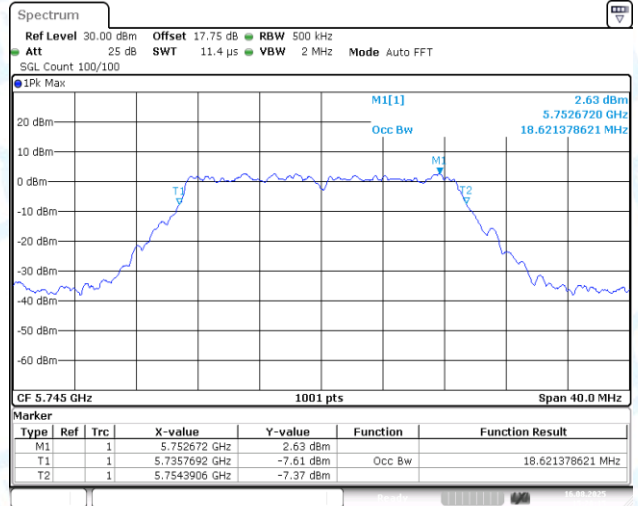
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11N20MIMO-Ant1-5240

11N20MIMO-Ant2-5240



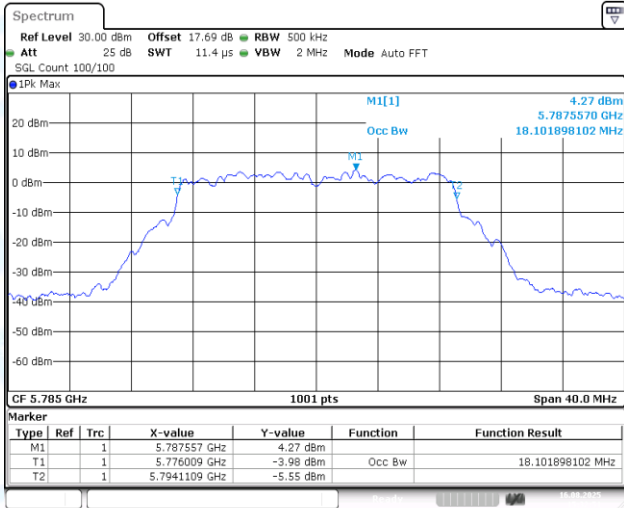
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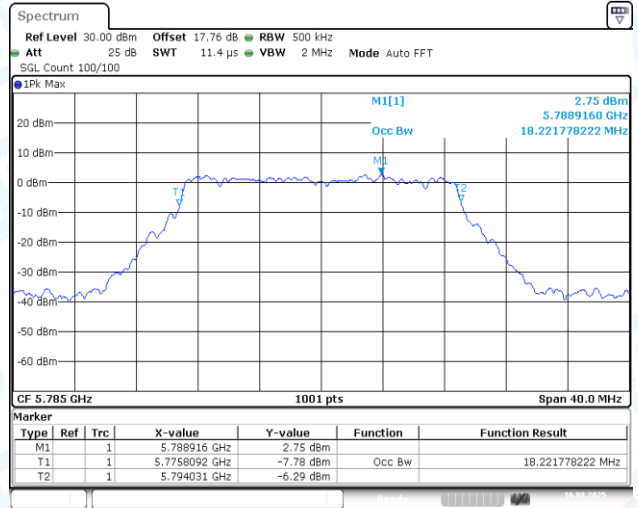
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11N20MIMO-Ant1-5745

11N20MIMO-Ant2-5745



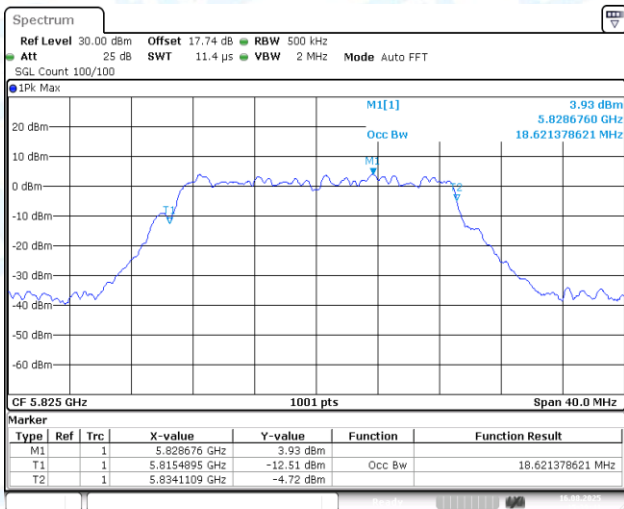
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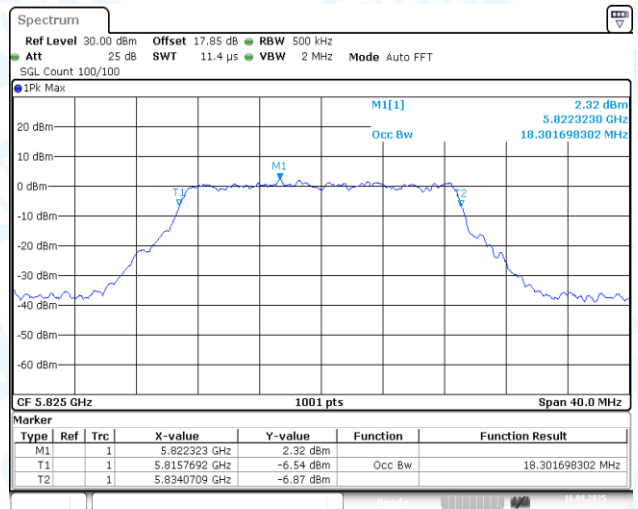
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11N20MIMO-Ant1-5785

11N20MIMO-Ant2-5785



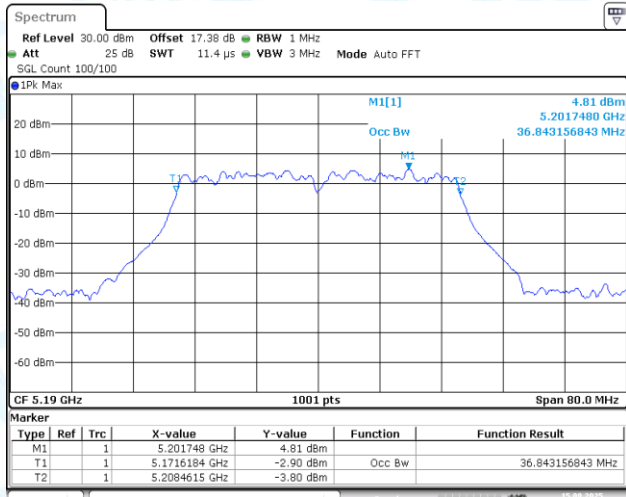
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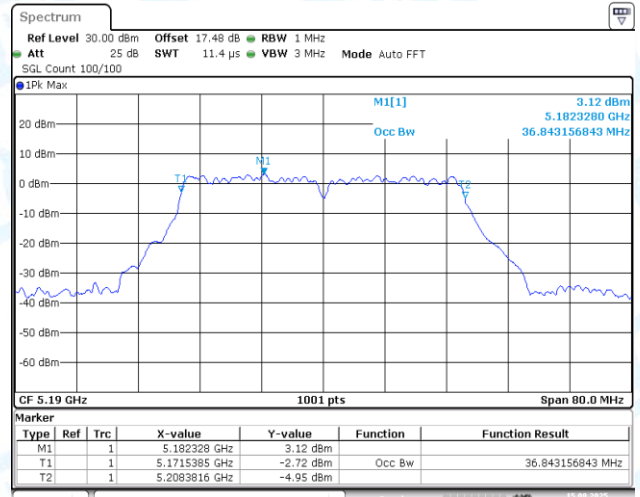
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11N20MIMO-Ant1-5825

11N20MIMO-Ant2-5825



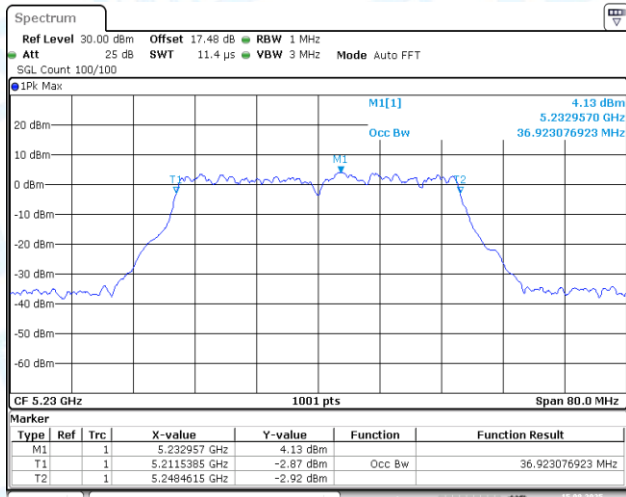
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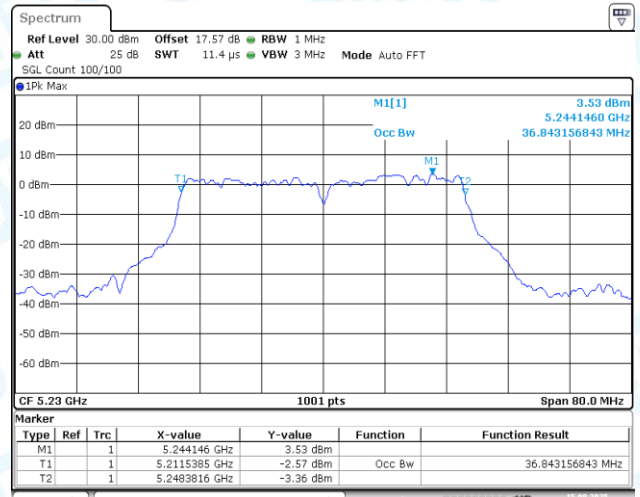
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11N40MIMO-Ant1-5190

11N40MIMO-Ant2-5190



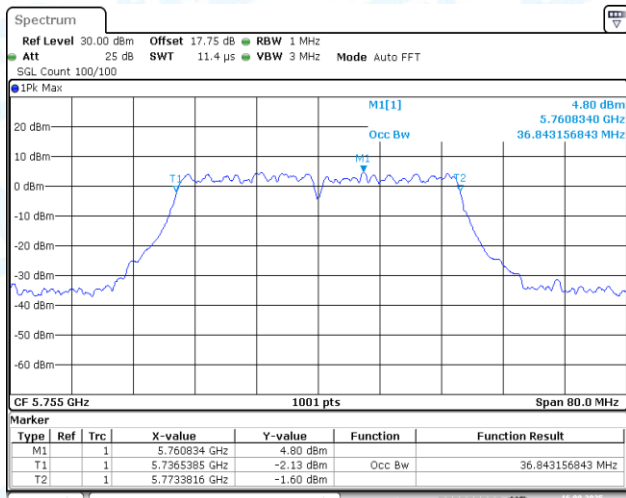
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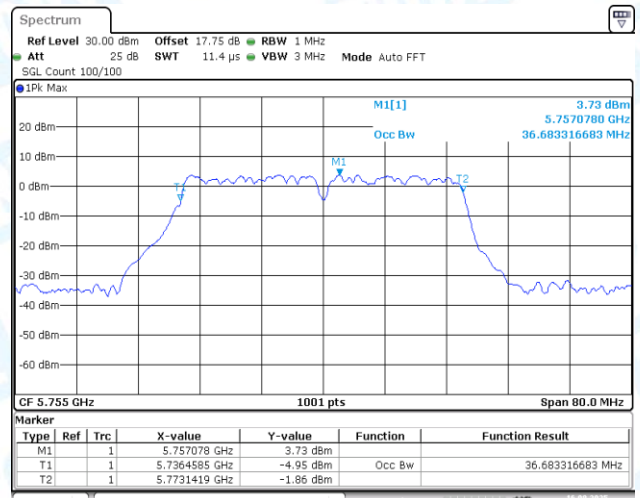
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11N40MIMO-Ant1-5230

11N40MIMO-Ant2-5230



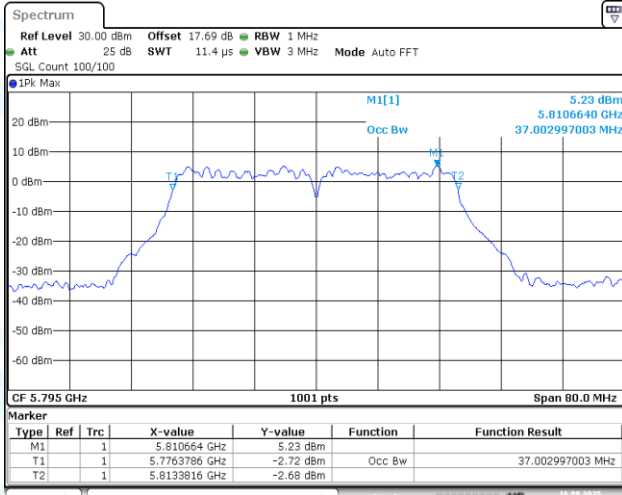
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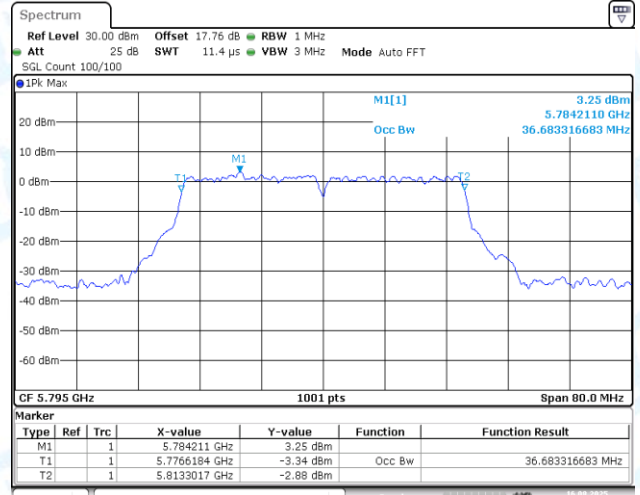
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11N40MIMO-Ant1-5755

11N40MIMO-Ant2-5755



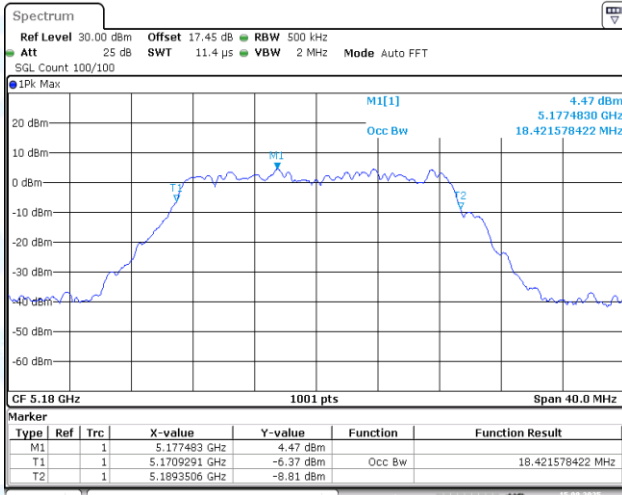
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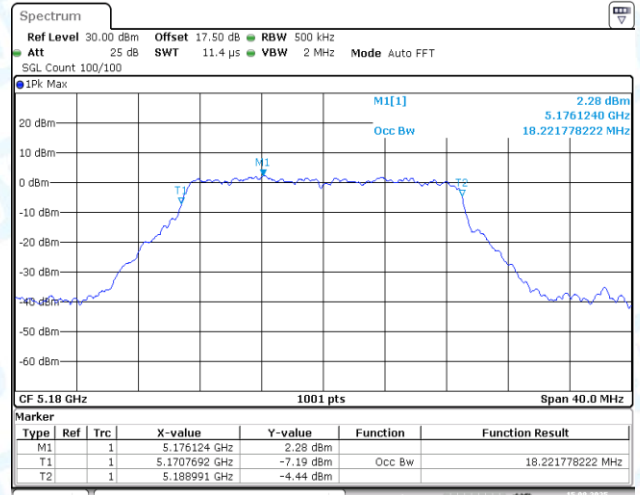
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11N40MIMO-Ant1-5795

11N40MIMO-Ant2-5795



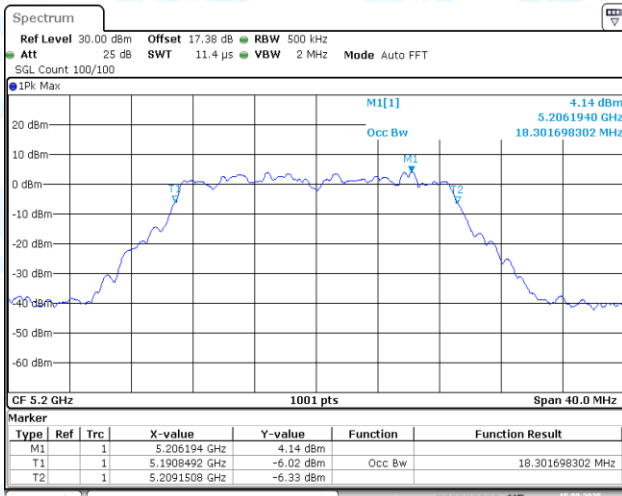
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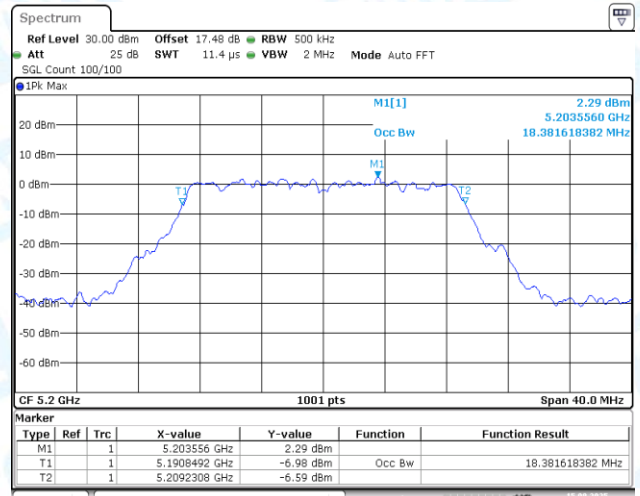
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11AC20MIMO-Ant1-5180

11AC20MIMO-Ant2-5180



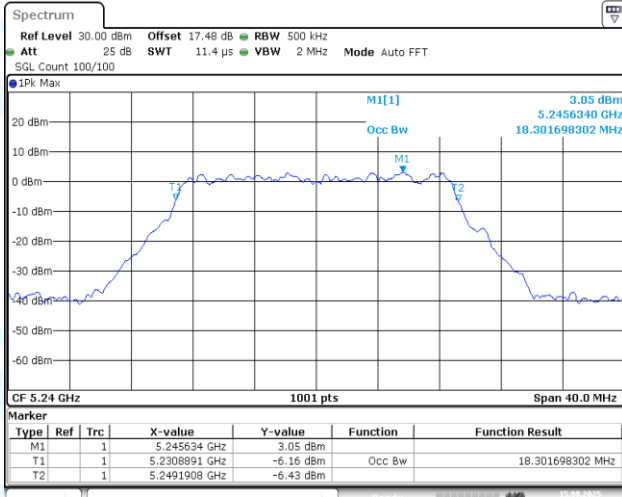
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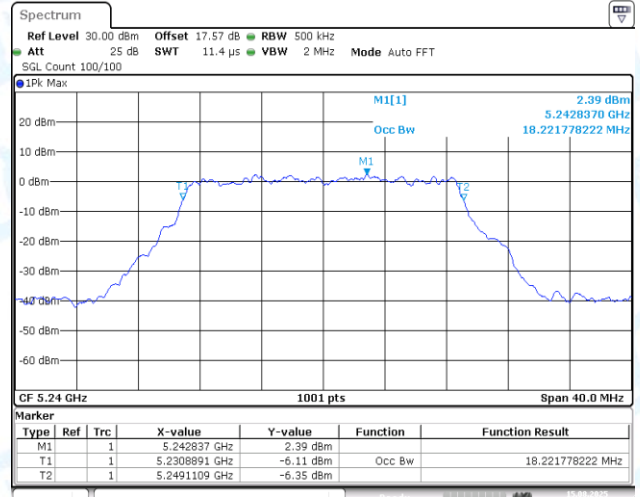
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11AC20MIMO-Ant1-5200

11AC20MIMO-Ant2-5200



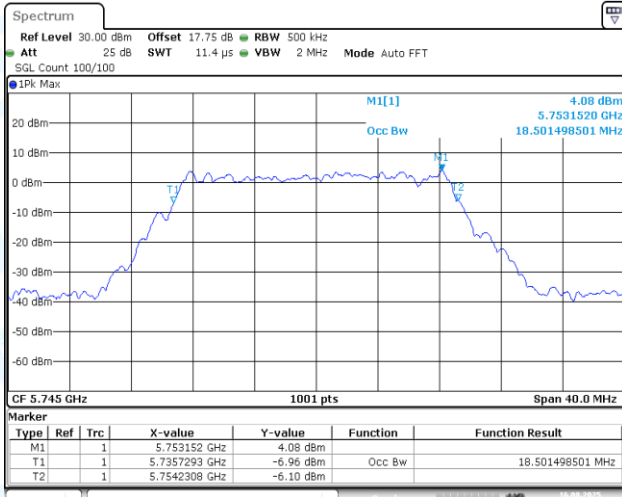
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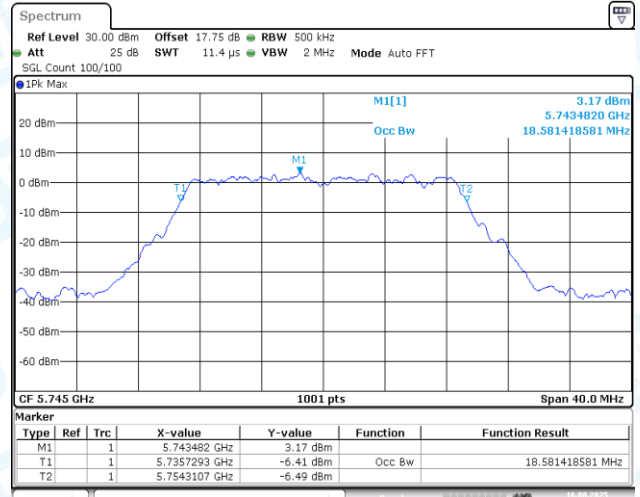
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11AC20MIMO-Ant1-5240

11AC20MIMO-Ant2-5240



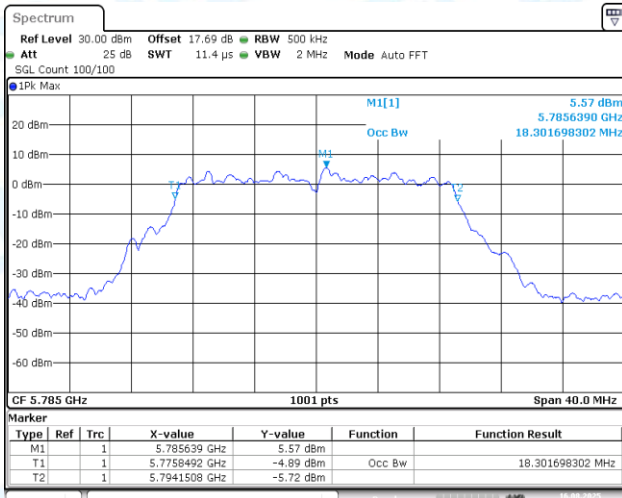
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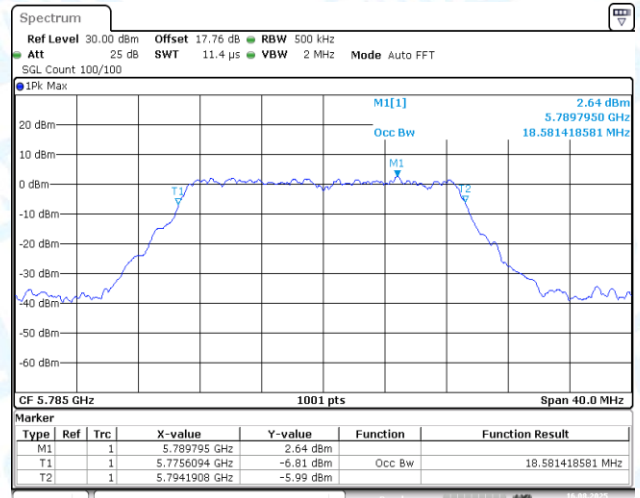
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11AC20MIMO-Ant1-5745

11AC20MIMO-Ant2-5745



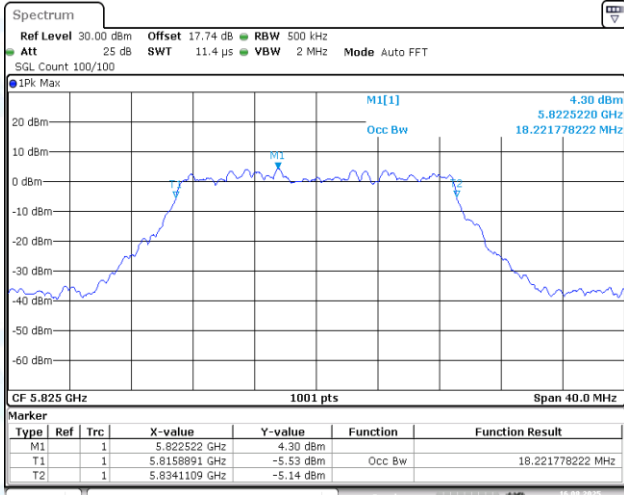
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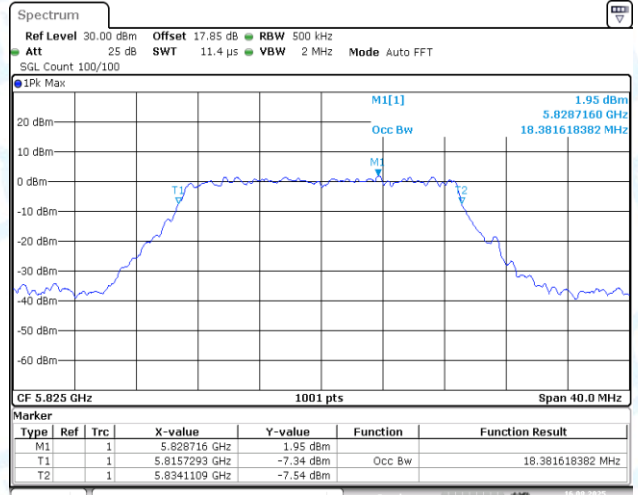
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11AC20MIMO-Ant1-5785

11AC20MIMO-Ant2-5785

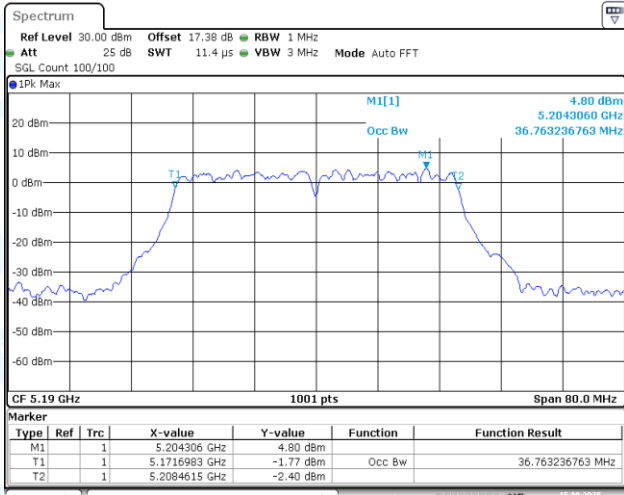


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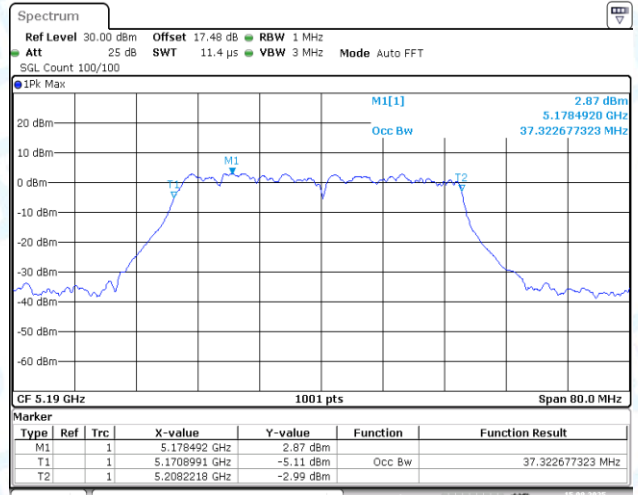
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11AC20MIMO-Ant1-5825



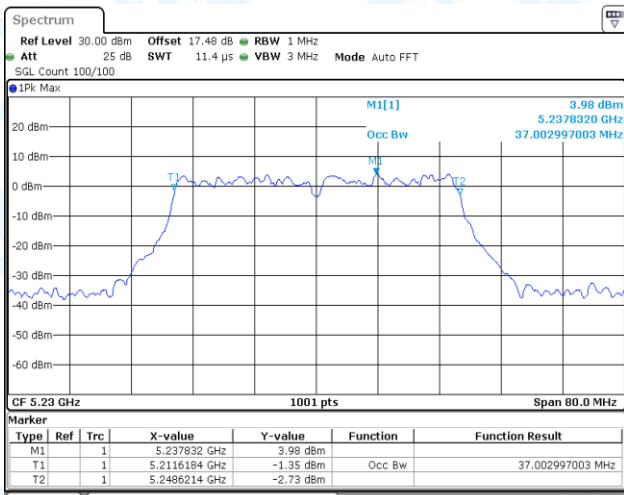
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11AC20MIMO-Ant2-5825



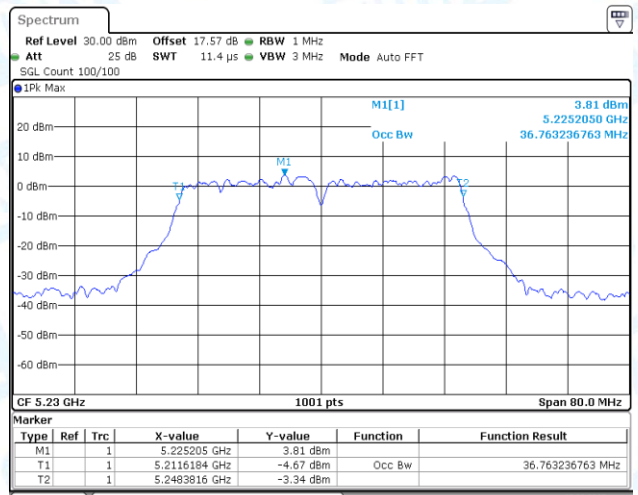
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11AC40MIMO-Ant1-5190



Date: 15.AUG.2025 15:25:04

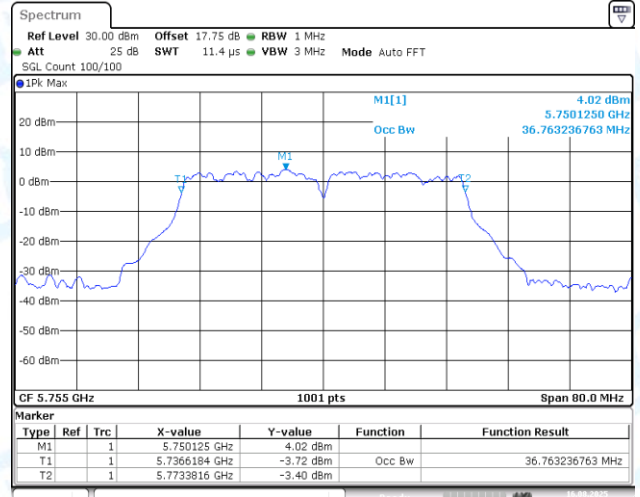
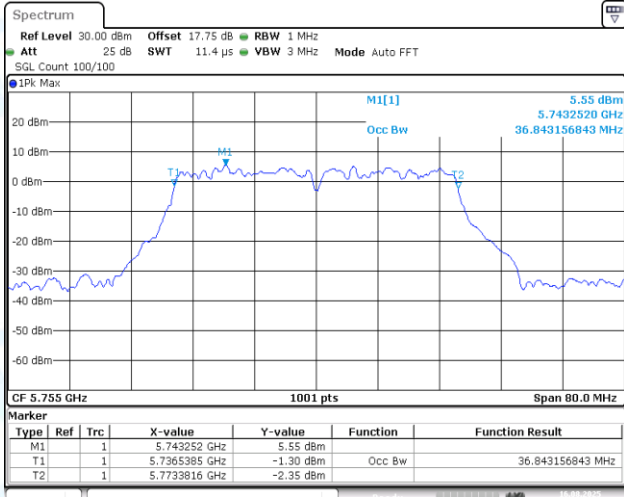
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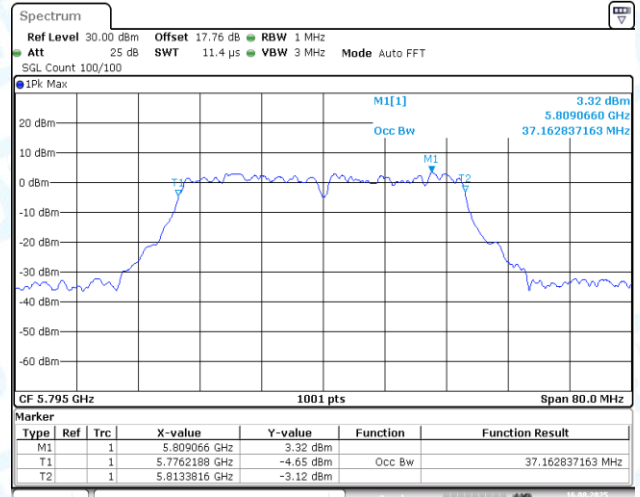
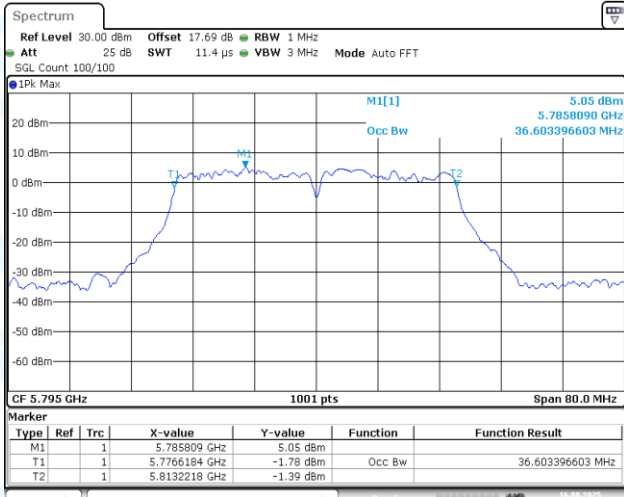
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11AC40MIMO-Ant2-5230



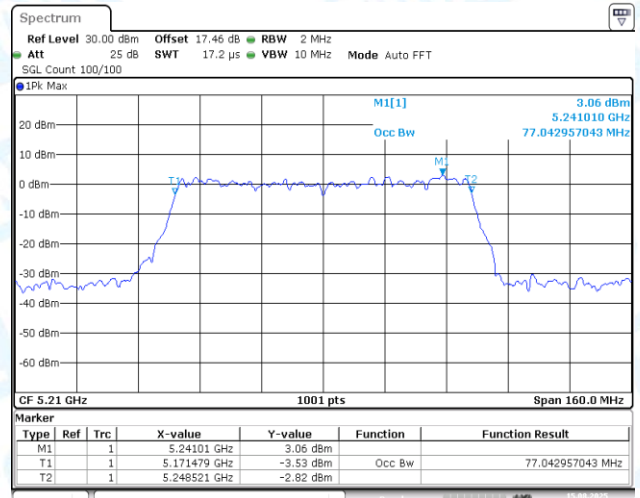
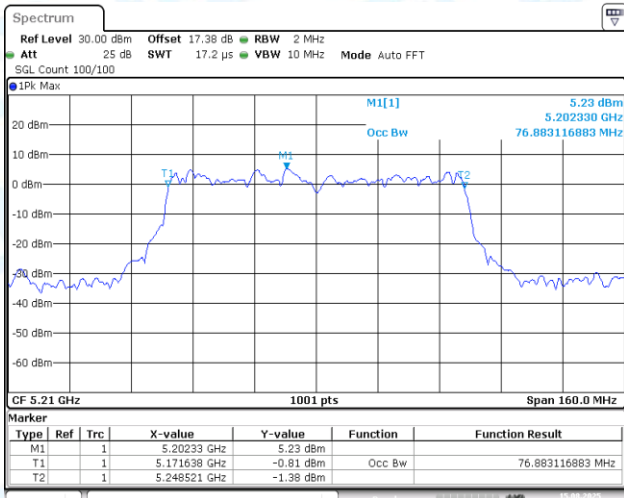
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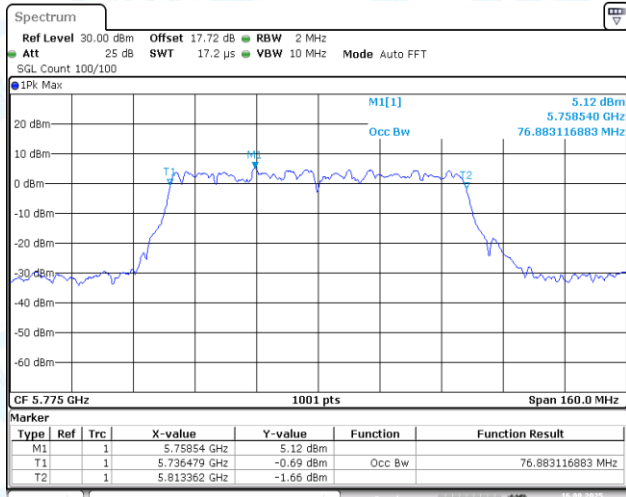
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11AC40MIMO-Ant2-5795

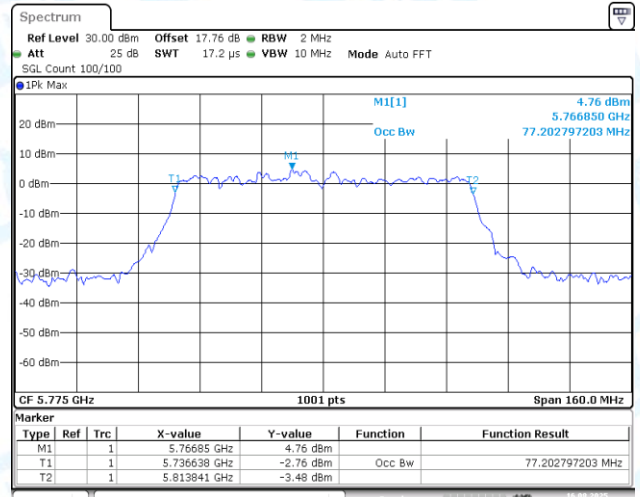


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11AC80MIMO-Ant2-5210

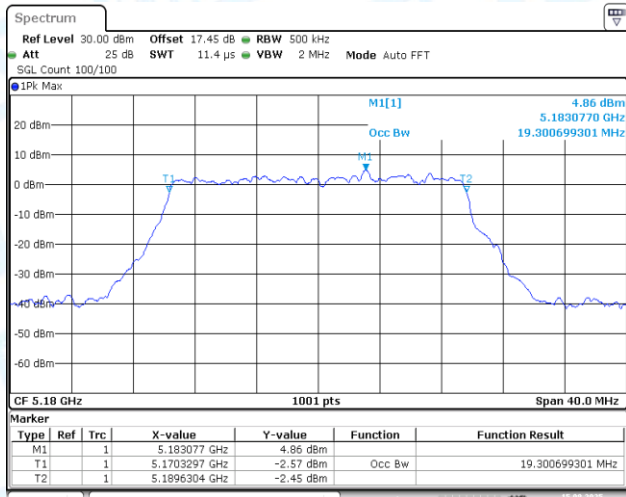


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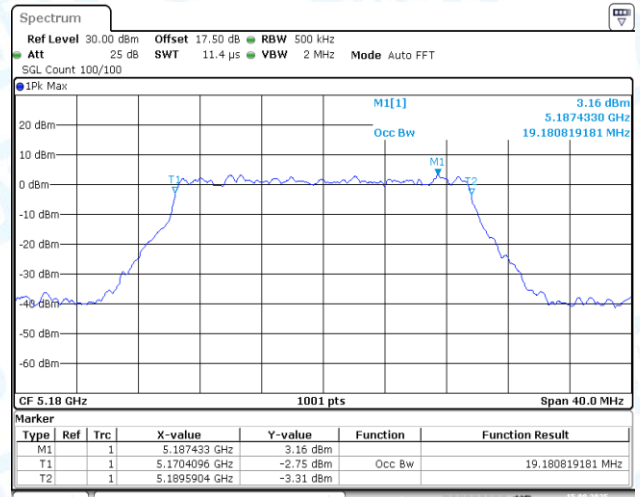
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11AC80MIMO-Ant1-5775



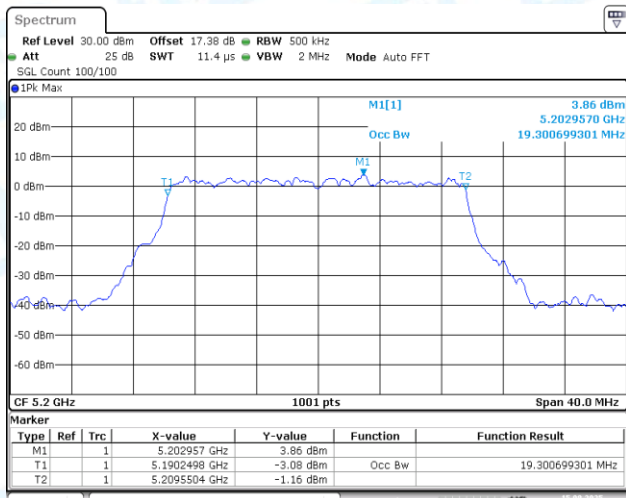
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11AC80MIMO-Ant2-5775



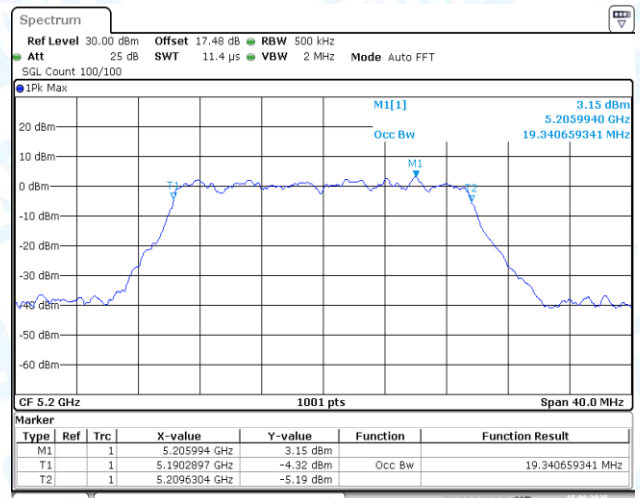
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11AX20MIMO-Ant1-5180



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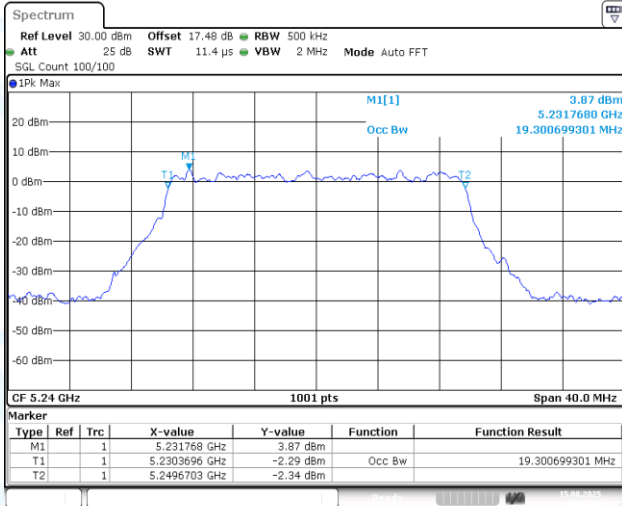
11AX20MIMO-Ant2-5180



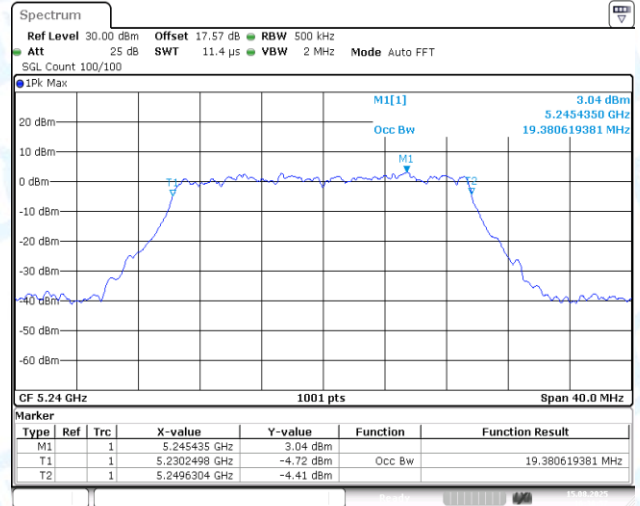
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11AX20MIMO-Ant1-5200

11AX20MIMO-Ant2-5200



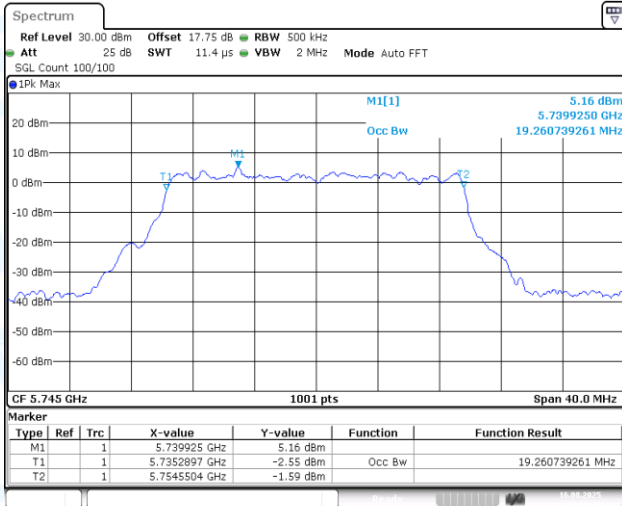
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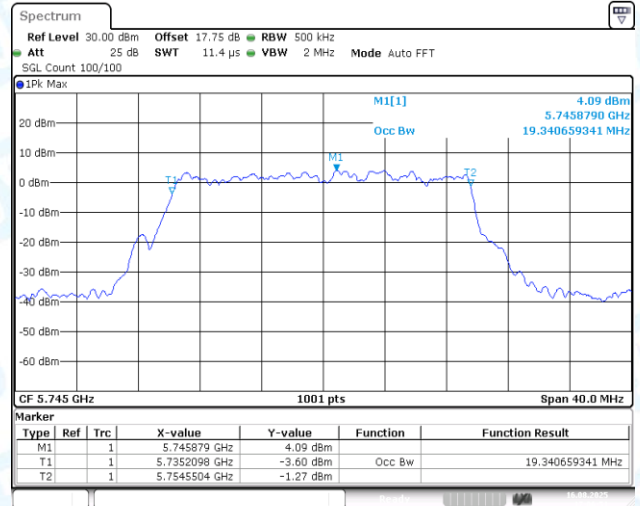
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11AX20MIMO-Ant1-5240

11AX20MIMO-Ant2-5240



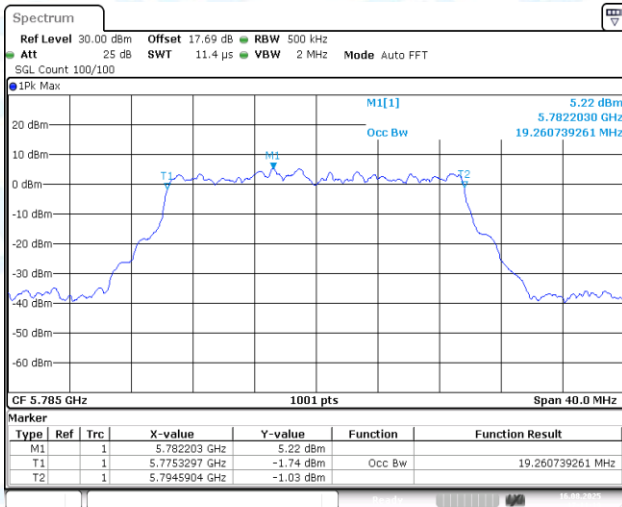
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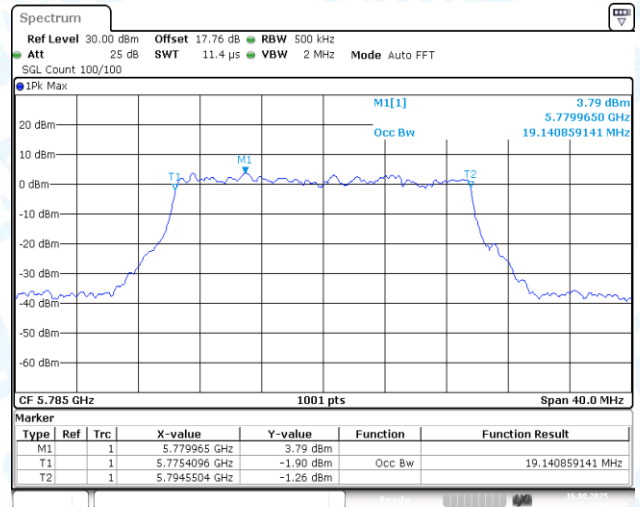
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11AX20MIMO-Ant1-5745

11AX20MIMO-Ant2-5745



Date: 16.AUG.2025 17:11:18



Date: 16.AUG.2025 17:14:35

11AX20MIMO-Ant1-5785

11AX20MIMO-Ant2-5785