

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

General Description of EUT	
EUT Name:	Portable Gaming Computer(Tablet computer)
Model:	AYANEO Pocket S Mini
Sample ID:	HC-C-202511-0372-01-03-2#
Test Standard:	FCC Part 15.407
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 3.87V
Test Engineer:	Gold. Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202511-0372-173	

Contents

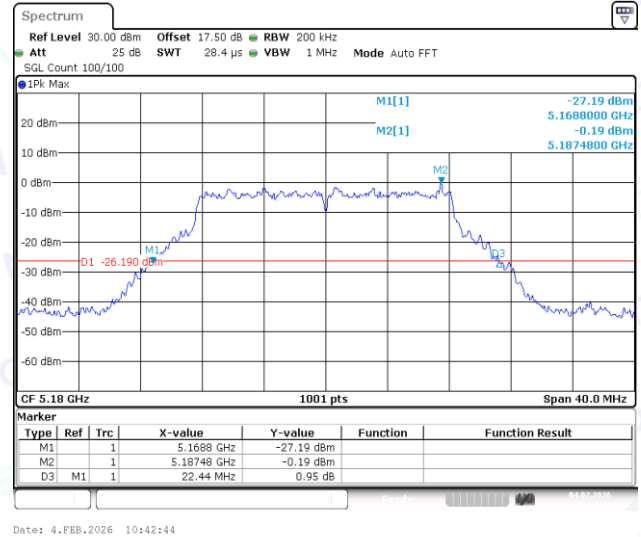
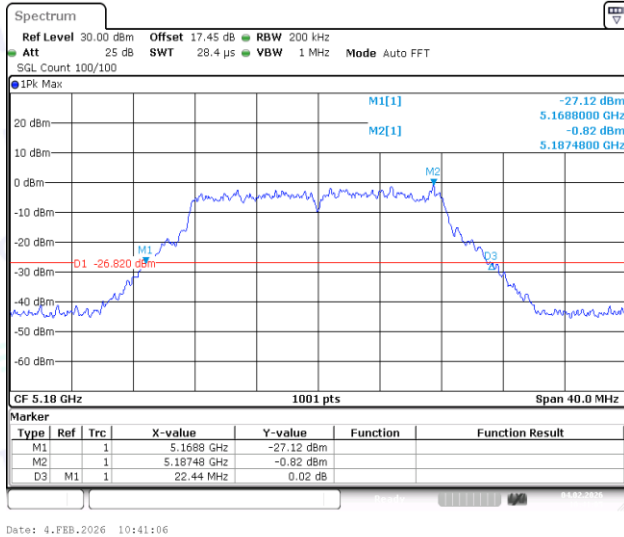
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1: Emission Bandwidth

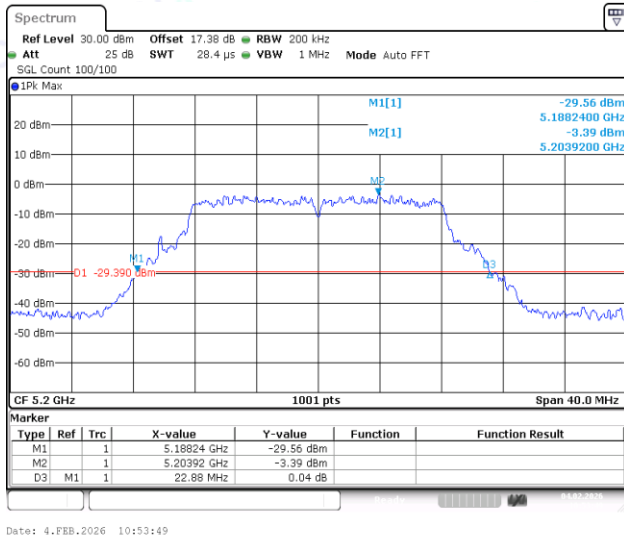
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	22.44	5168.80	5191.24	---	---
11A-CDD	Ant2	5180	22.44	5168.80	5191.24	---	---
11A-CDD	Ant1	5200	22.88	5188.24	5211.12	---	---
11A-CDD	Ant2	5200	23.28	5188.44	5211.72	---	---
11A-CDD	Ant1	5240	23.12	5228.56	5251.68	---	---
11A-CDD	Ant2	5240	22.64	5228.52	5251.16	---	---
11N20MIMO	Ant1	5180	23.60	5168.32	5191.92	---	---
11N20MIMO	Ant2	5180	22.96	5168.60	5191.56	---	---
11N20MIMO	Ant1	5200	23.32	5188.20	5211.52	---	---
11N20MIMO	Ant2	5200	22.80	5188.52	5211.32	---	---
11N20MIMO	Ant1	5240	23.52	5228.24	5251.76	---	---
11N20MIMO	Ant2	5240	23.12	5228.28	5251.40	---	---
11N40MIMO	Ant1	5190	43.28	5168.56	5211.84	---	---
11N40MIMO	Ant2	5190	43.60	5168.32	5211.92	---	---
11N40MIMO	Ant1	5230	44.08	5207.92	5252.00	---	---
11N40MIMO	Ant2	5230	42.96	5208.56	5251.52	---	---
11AC20MIMO	Ant1	5180	22.96	5168.68	5191.64	---	---
11AC20MIMO	Ant2	5180	23.16	5168.36	5191.52	---	---
11AC20MIMO	Ant1	5200	23.80	5188.16	5211.96	---	---
11AC20MIMO	Ant2	5200	23.28	5188.20	5211.48	---	---
11AC20MIMO	Ant1	5240	23.24	5228.36	5251.60	---	---
11AC20MIMO	Ant2	5240	23.04	5228.40	5251.44	---	---
11AC40MIMO	Ant1	5190	43.52	5167.44	5210.96	---	---
11AC40MIMO	Ant2	5190	42.72	5168.32	5211.04	---	---
11AC40MIMO	Ant1	5230	44.00	5208.48	5252.48	---	---
11AC40MIMO	Ant2	5230	44.24	5207.52	5251.76	---	---
11AC80MIMO	Ant1	5210	91.84	5162.96	5254.80	---	---
11AC80MIMO	Ant2	5210	89.12	5165.04	5254.16	---	---
11AX20MIMO	Ant1	5180	22.96	5168.12	5191.08	---	---
11AX20MIMO	Ant2	5180	22.68	5168.72	5191.40	---	---
11AX20MIMO	Ant1	5200	22.76	5188.48	5211.24	---	---
11AX20MIMO	Ant2	5200	23.16	5188.36	5211.52	---	---
11AX20MIMO	Ant1	5240	23.04	5228.48	5251.52	---	---
11AX20MIMO	Ant2	5240	22.80	5228.44	5251.24	---	---
11AX40MIMO	Ant1	5190	40.64	5169.20	5209.84	---	---
11AX40MIMO	Ant2	5190	41.52	5169.04	5210.56	---	---
11AX40MIMO	Ant1	5230	42.32	5208.88	5251.20	---	---
11AX40MIMO	Ant2	5230	42.40	5208.40	5250.80	---	---
11AX80MIMO	Ant1	5210	86.88	5166.80	5253.68	---	---
11AX80MIMO	Ant2	5210	82.88	5168.24	5251.12	---	---

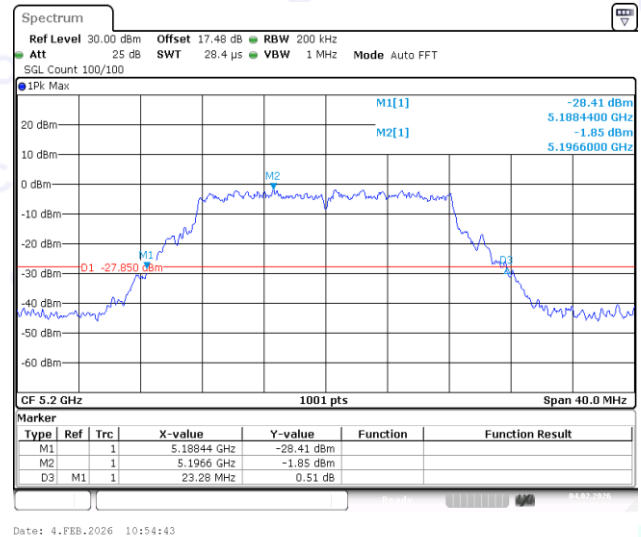
1.2 Test Graphs



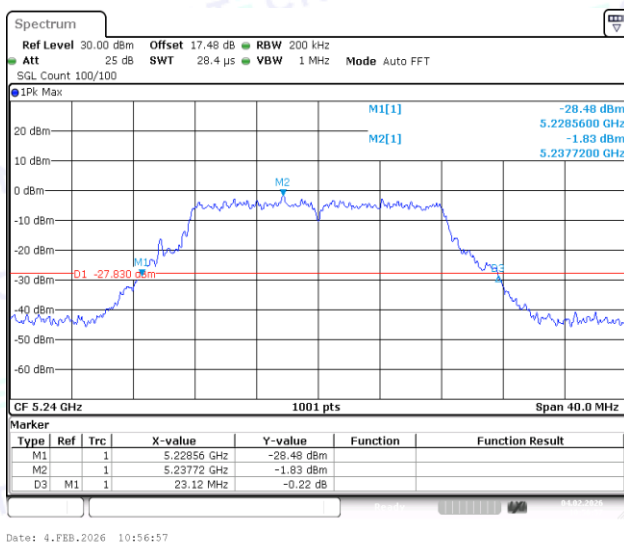
11A-CDD-Ant1-5180



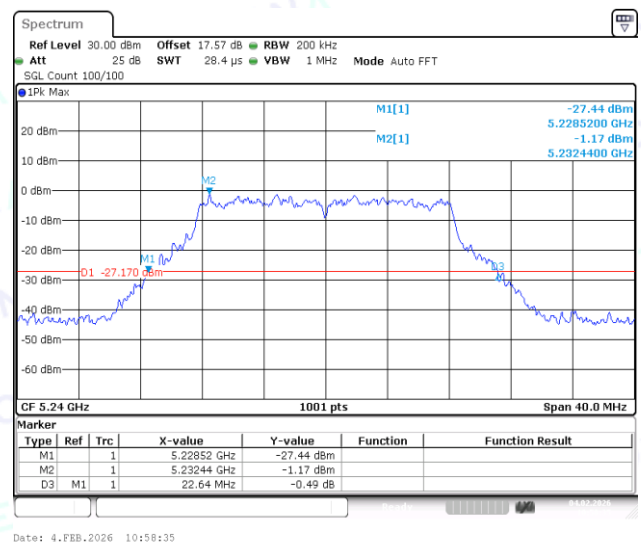
11A-CDD-Ant2-5180



11A-CDD-Ant1-5200



11A-CDD-Ant2-5200

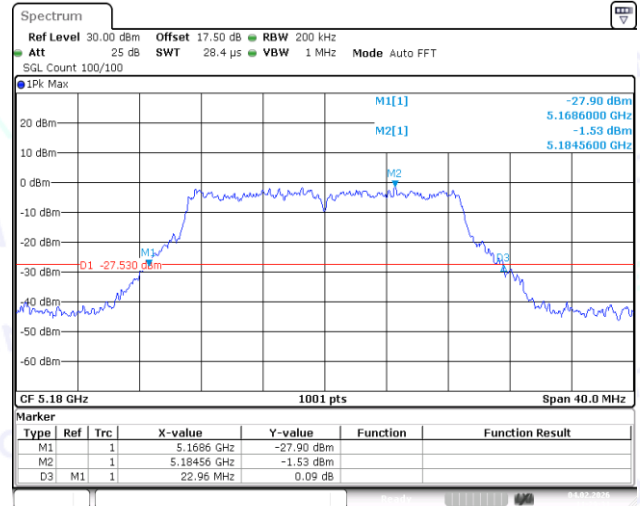
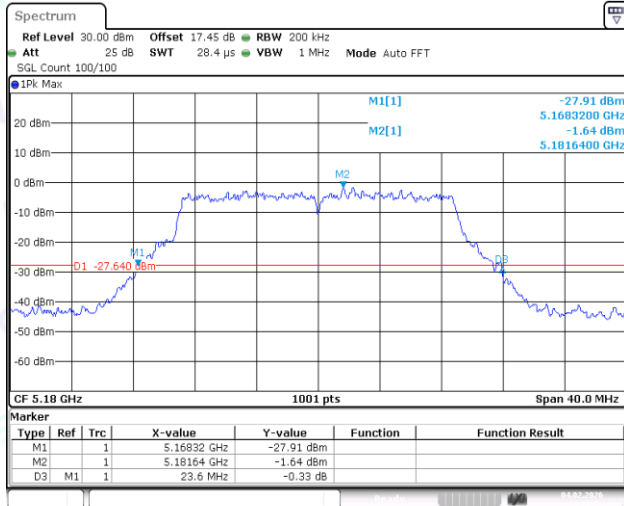


11A-CDD-Ant1-5240



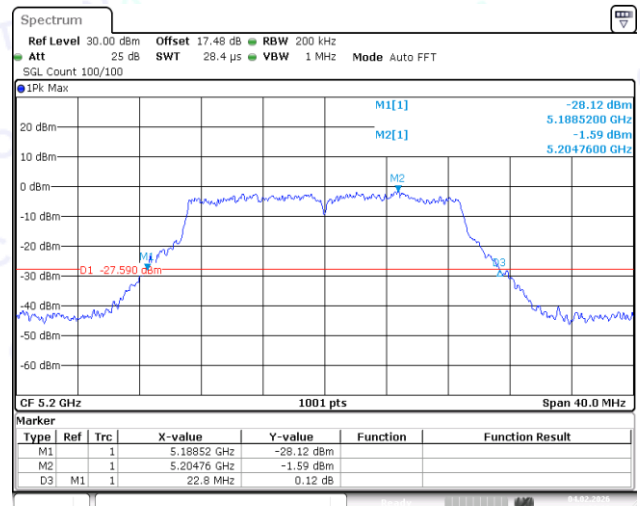
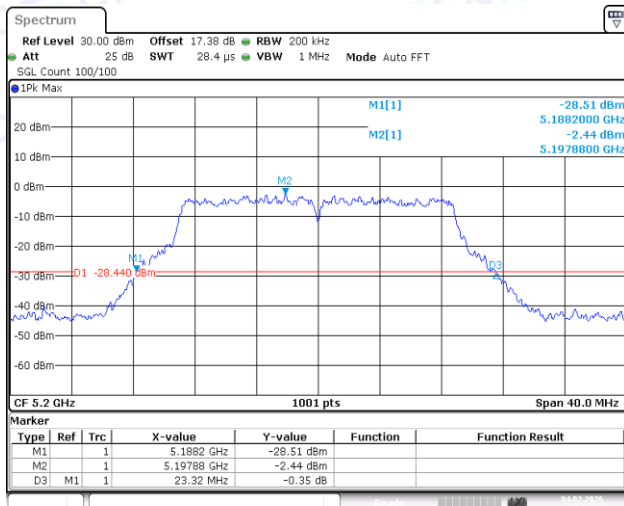
11A-CDD-Ant2-5240





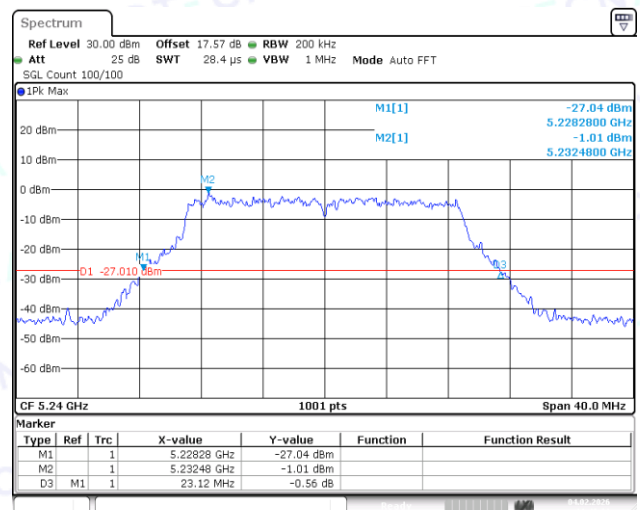
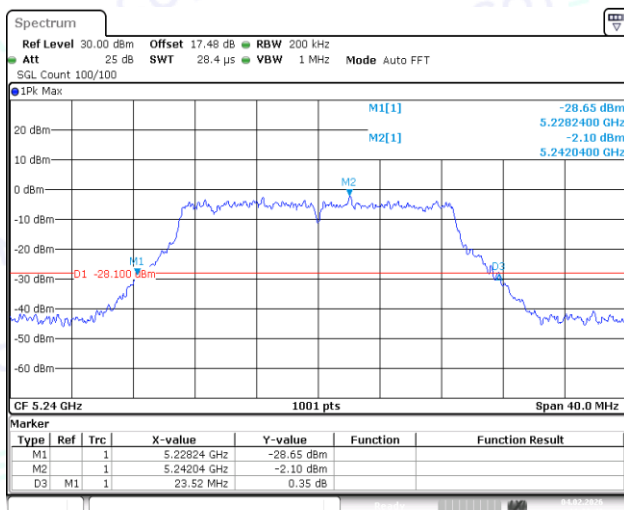
11N20MIMO-Ant1-5180

11N20MIMO-Ant2-5180



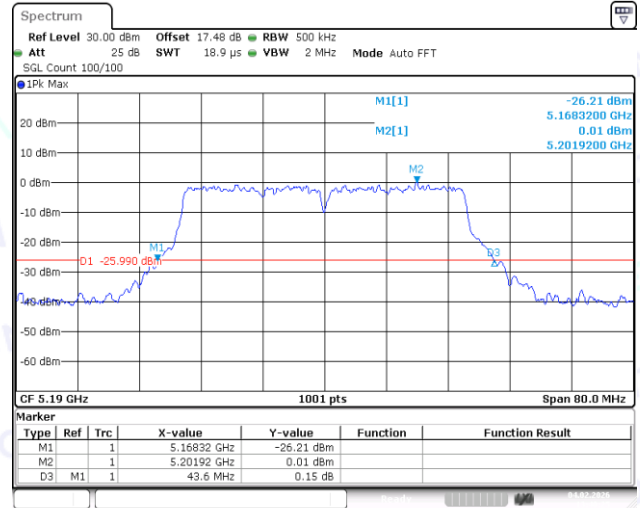
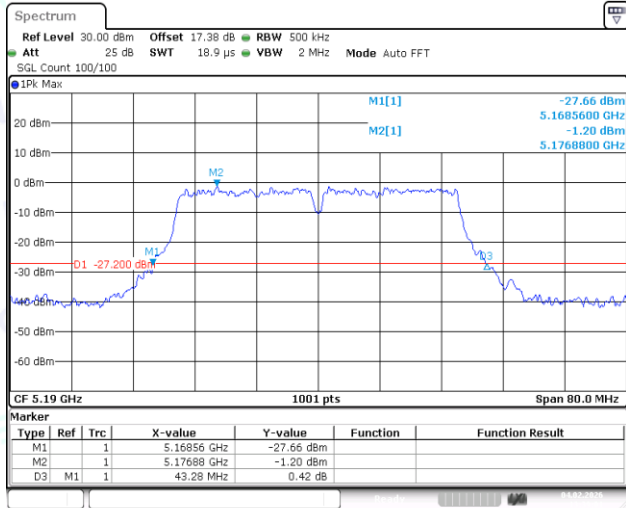
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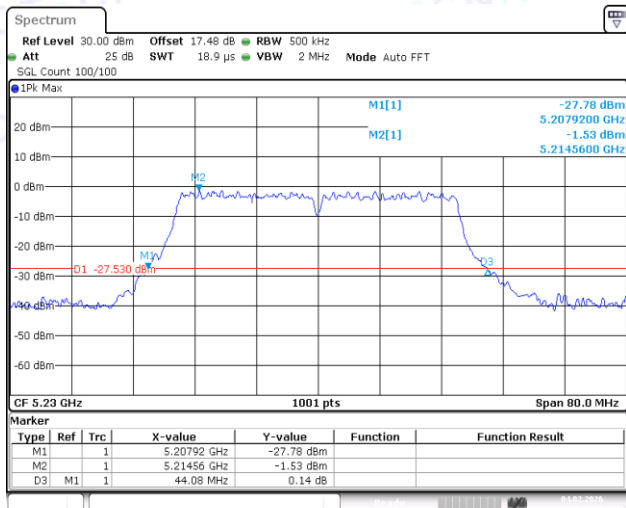


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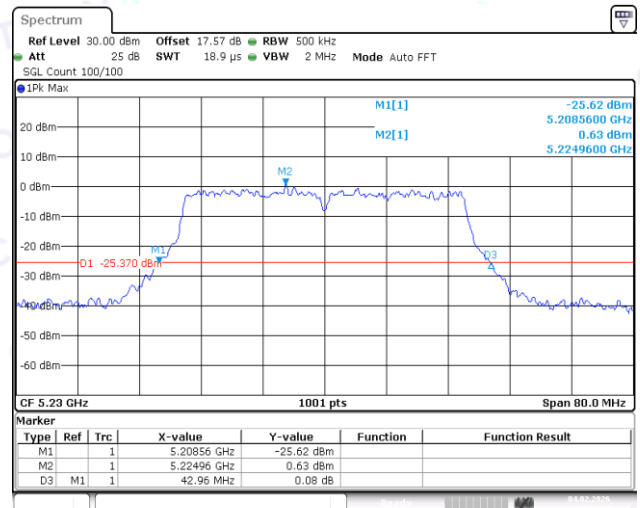
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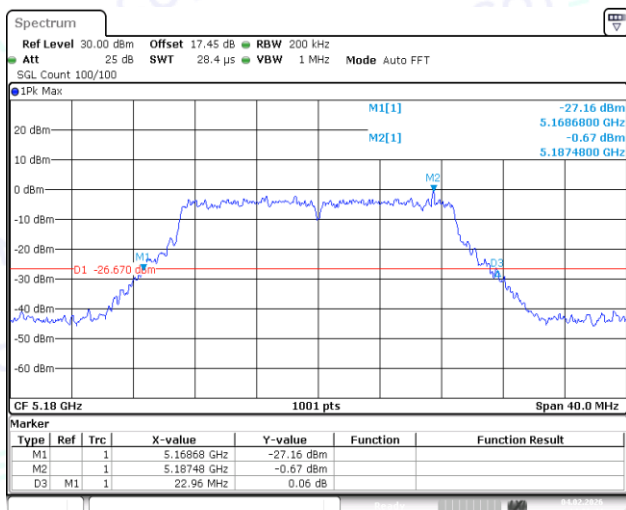
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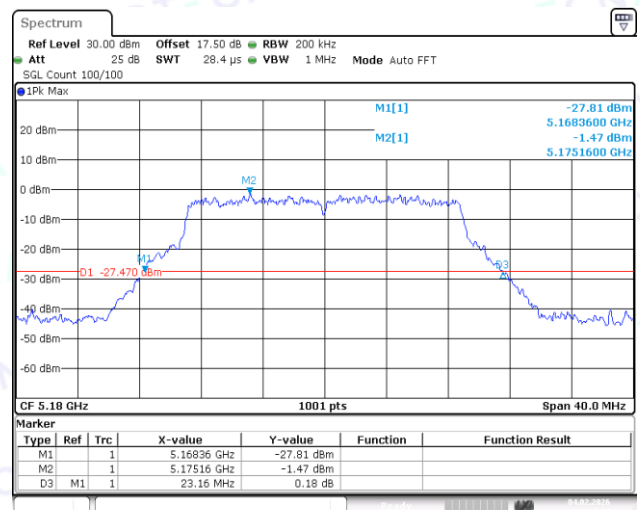
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11N40MIMO-Ant1-5230

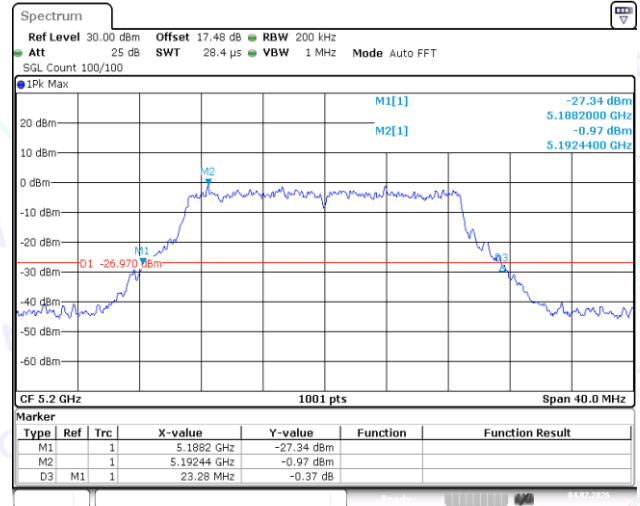
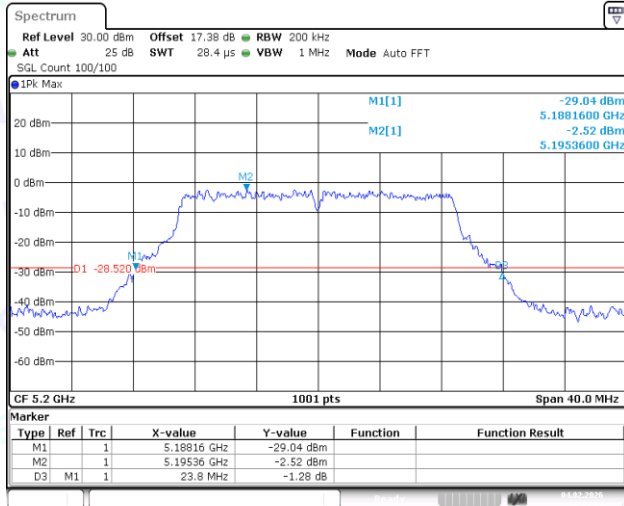


11N40MIMO-Ant2-5230



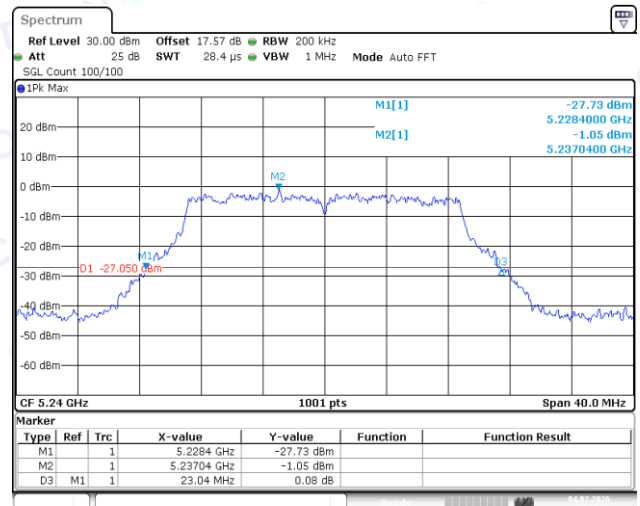
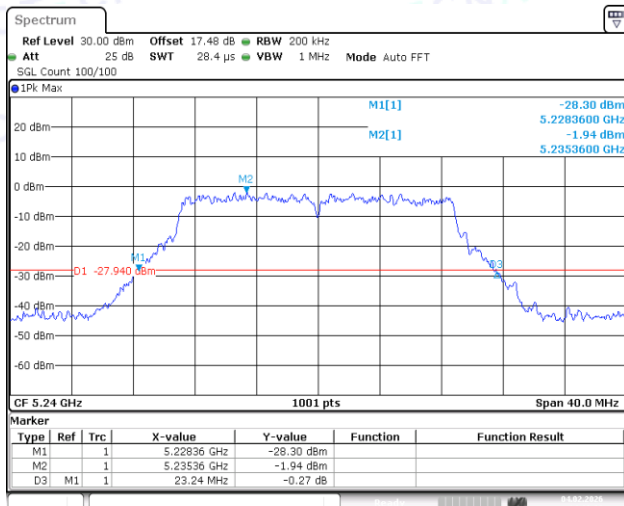
11AC20MIMO-Ant1-5180

11AC20MIMO-Ant2-5180



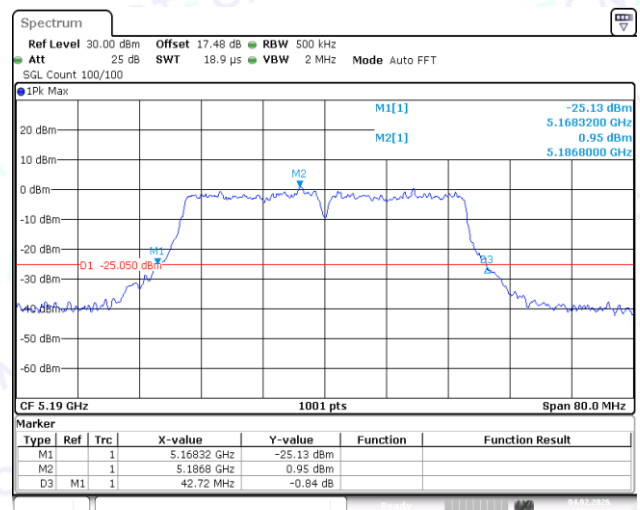
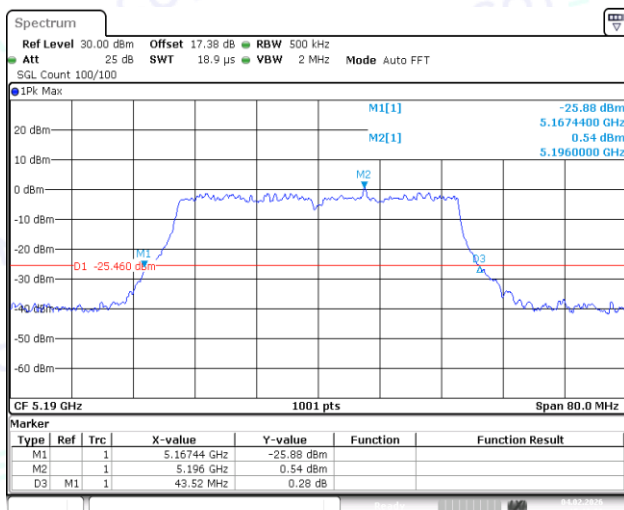
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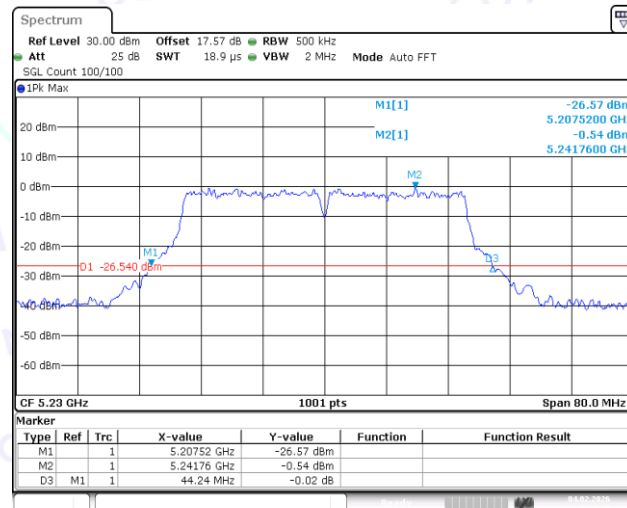
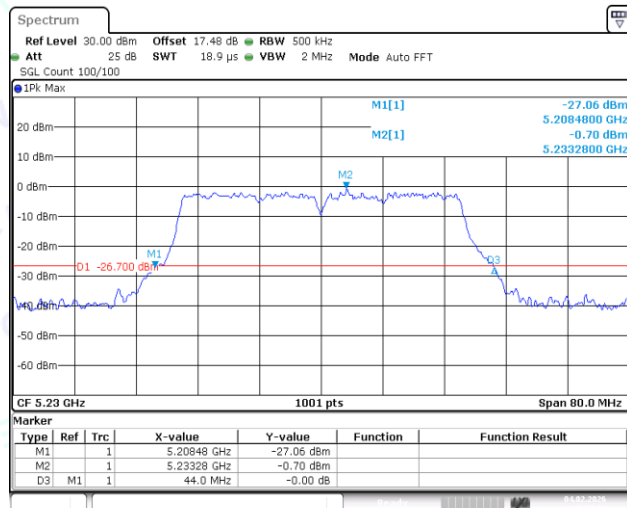
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11AC20MIMO-Ant2-5240

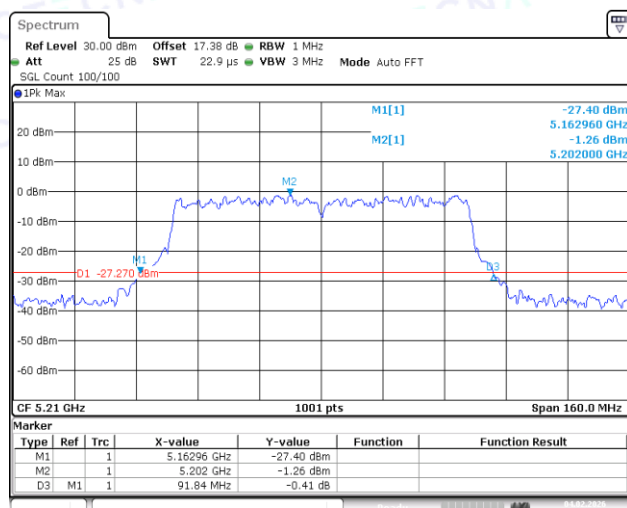


11AC40MIMO-Ant1-5190

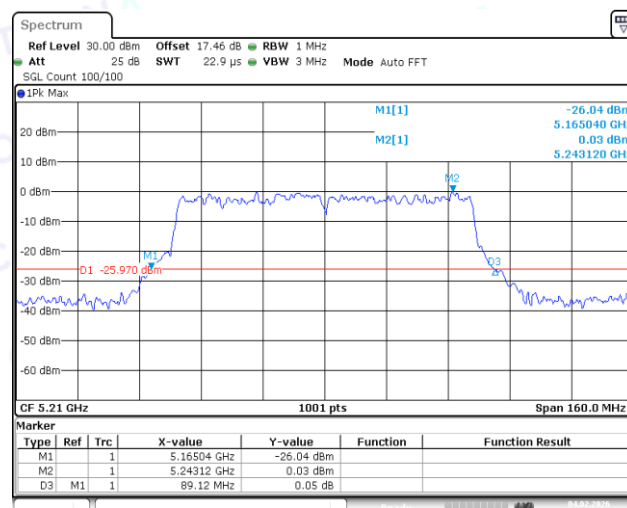
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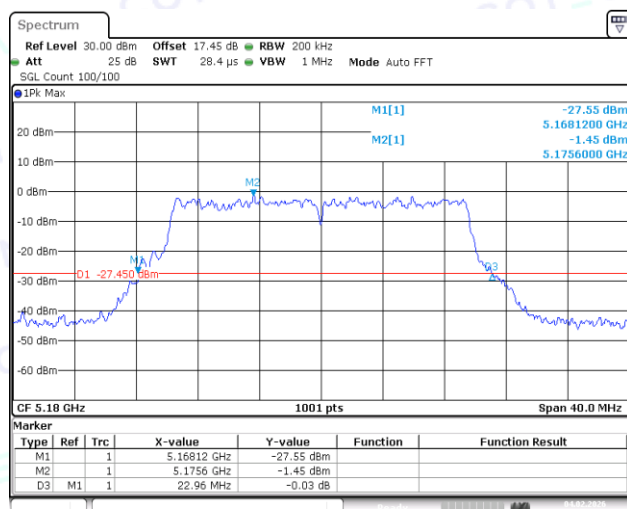
11AC40MIMO-Ant1-5230



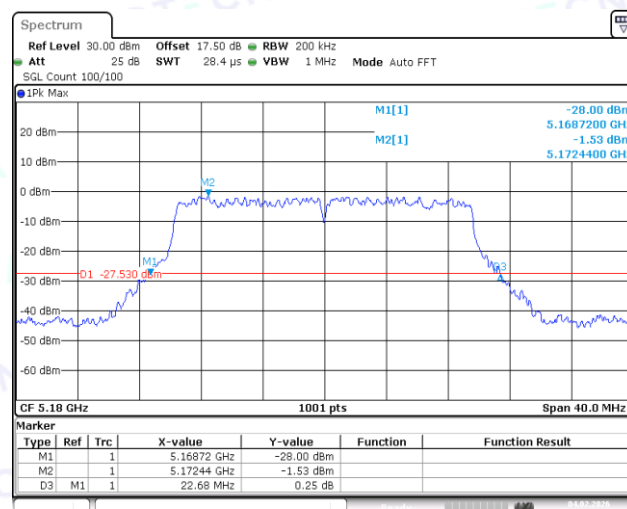
11AC40MIMO-Ant2-5230



11AC80MIMO-Ant1-5210



11AC80MIMO-Ant2-5210

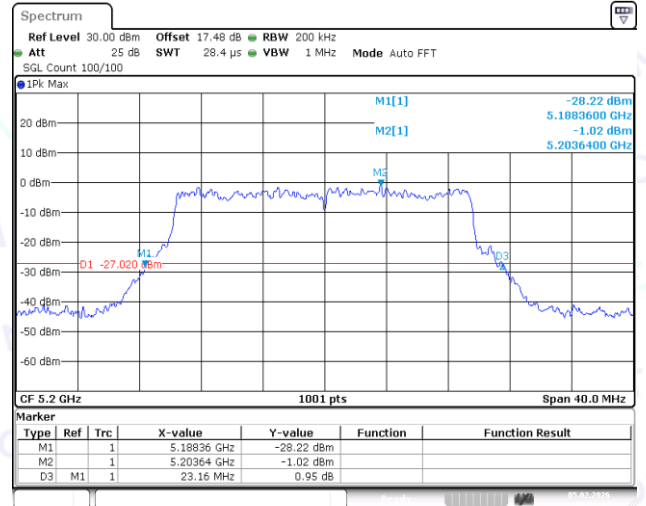


11AX20MIMO-Ant1-5180



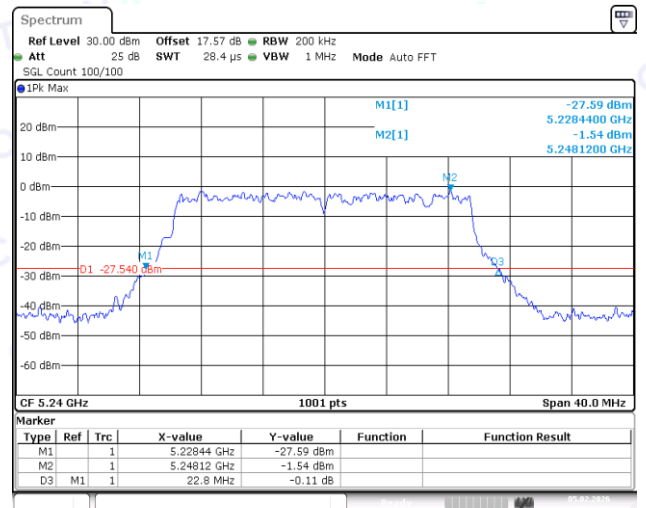
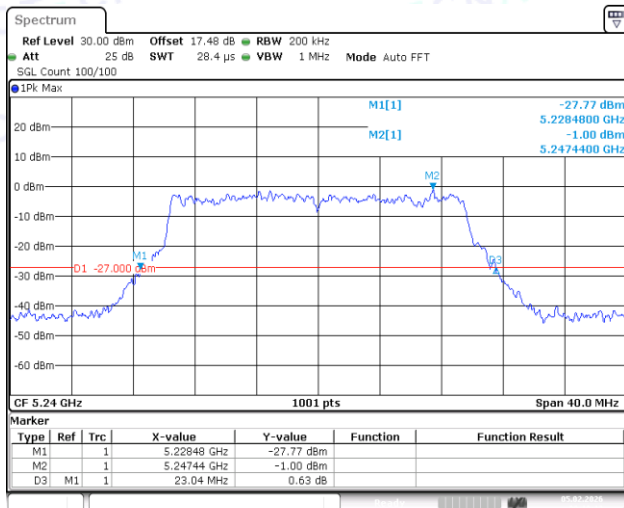
11AX20MIMO-Ant2-5180





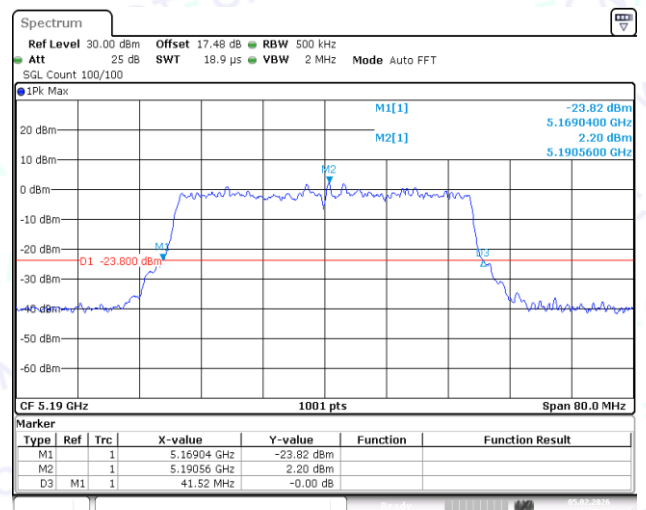
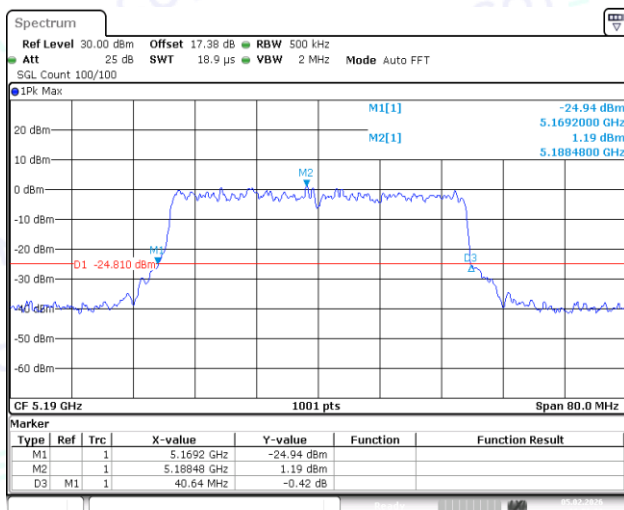
11AX20MIMO-Ant1-5200

11AX20MIMO-Ant2-5200



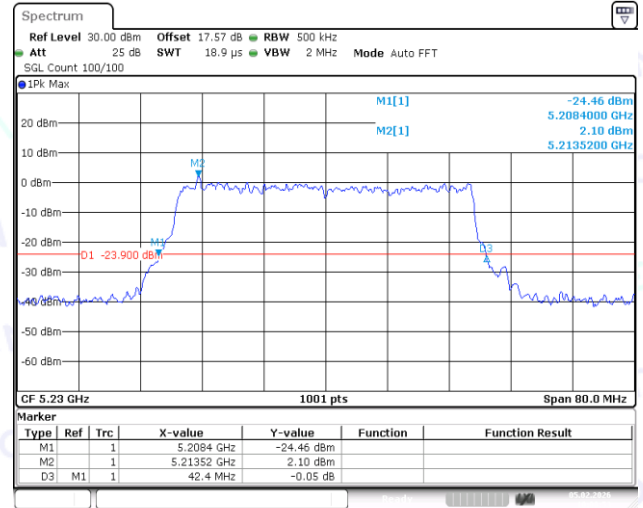
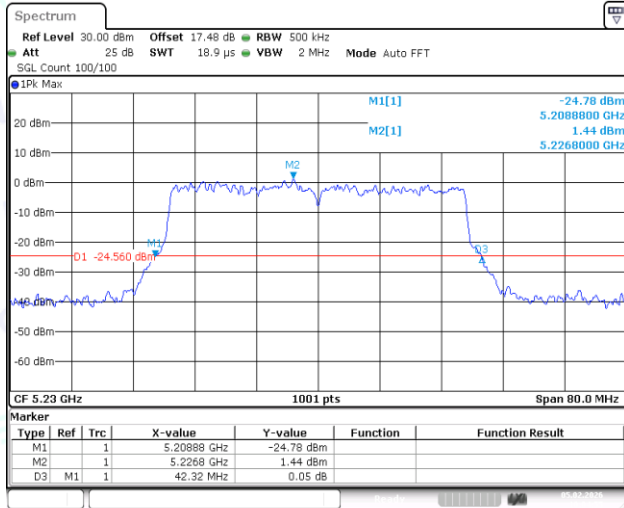
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11AX20MIMO-Ant2-5240



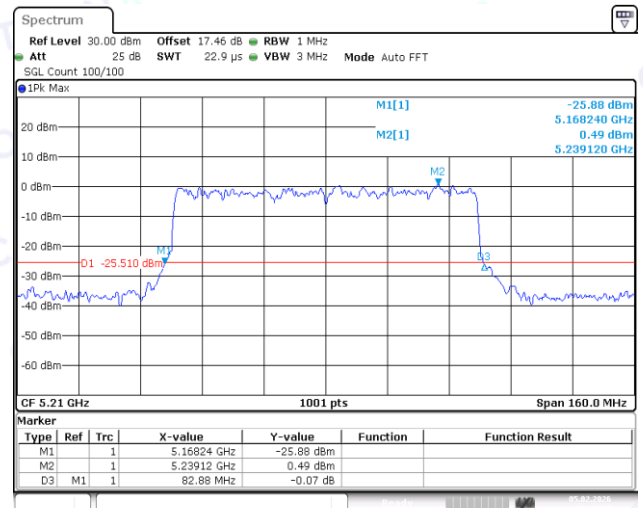
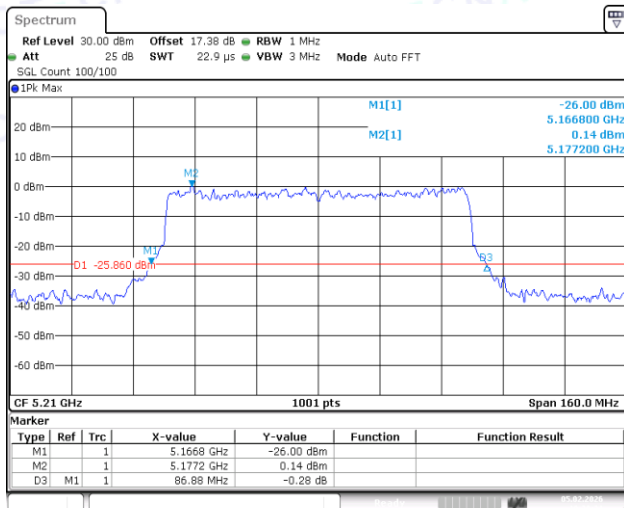
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11AX40MIMO-Ant2-5190



11AX40MIMO-Ant1-5230

11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

11AX80MIMO-Ant2-5210

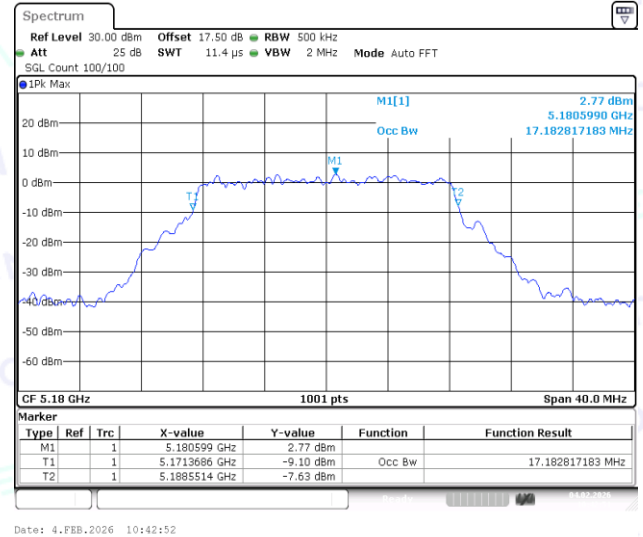
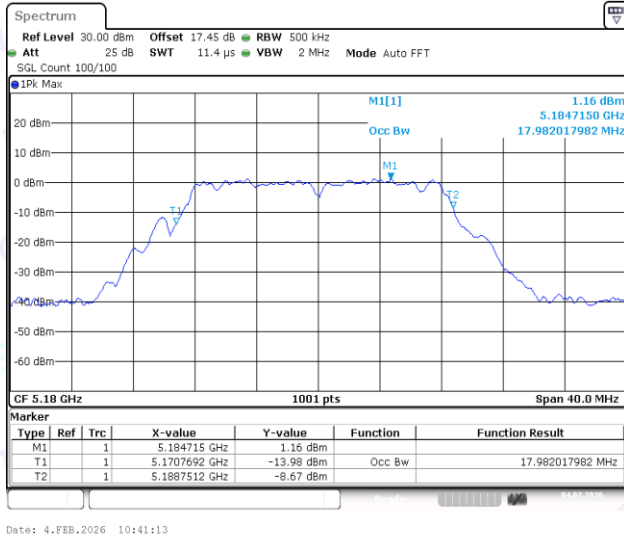
2: Occupied channel bandwidth

2.1 Test Result

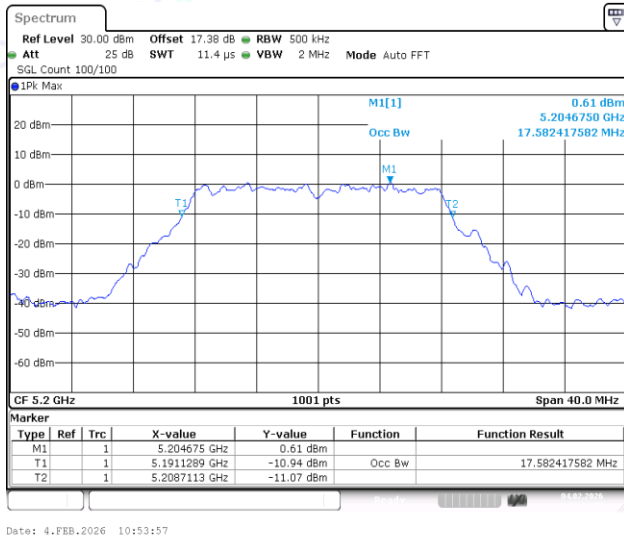
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.982	5170.7692	5188.7512	---	---
11A-CDD	Ant2	5180	17.183	5171.3686	5188.5514	---	---
11A-CDD	Ant1	5200	17.582	5191.1289	5208.7113	---	---
11A-CDD	Ant2	5200	17.343	5191.3686	5208.7113	---	---
11A-CDD	Ant1	5240	17.423	5231.3287	5248.7512	---	---
11A-CDD	Ant2	5240	17.702	5230.9291	5248.6314	---	---
11A-CDD	Ant1	5745	18.062	5735.7692	5753.8312	---	---
11A-CDD	Ant2	5745	17.223	5736.3287	5753.5514	---	---
11A-CDD	Ant1	5785	17.423	5776.1688	5793.5914	---	---
11A-CDD	Ant2	5785	17.303	5776.3686	5793.6713	---	---
11A-CDD	Ant1	5825	17.103	5816.5285	5833.6314	---	---
11A-CDD	Ant2	5825	17.303	5816.3287	5833.6314	---	---
11N20MIMO	Ant1	5180	18.342	5170.9291	5189.2707	---	---
11N20MIMO	Ant2	5180	18.541	5170.4496	5188.9910	---	---
11N20MIMO	Ant1	5200	18.422	5190.8092	5209.2308	---	---
11N20MIMO	Ant2	5200	18.182	5190.9291	5209.1109	---	---
11N20MIMO	Ant1	5240	18.342	5230.8092	5249.1508	---	---
11N20MIMO	Ant2	5240	18.262	5230.7692	5249.0310	---	---
11N20MIMO	Ant1	5745	18.342	5735.8092	5754.1508	---	---
11N20MIMO	Ant2	5745	18.342	5735.7293	5754.0709	---	---
11N20MIMO	Ant1	5785	18.422	5775.8492	5794.2707	---	---
11N20MIMO	Ant2	5785	18.302	5775.7293	5794.0310	---	---
11N20MIMO	Ant1	5825	18.501	5815.7293	5834.2308	---	---
11N20MIMO	Ant2	5825	18.382	5815.7692	5834.1508	---	---
11N40MIMO	Ant1	5190	37.243	5171.2188	5208.4615	---	---
11N40MIMO	Ant2	5190	37.003	5171.4585	5208.4615	---	---
11N40MIMO	Ant1	5230	36.763	5211.5385	5248.3017	---	---
11N40MIMO	Ant2	5230	36.603	5211.6983	5248.3017	---	---
11N40MIMO	Ant1	5755	37.083	5736.1389	5773.2218	---	---
11N40MIMO	Ant2	5755	36.923	5736.6184	5773.5415	---	---
11N40MIMO	Ant1	5795	37.003	5776.3786	5813.3816	---	---
11N40MIMO	Ant2	5795	37.083	5776.6184	5813.7013	---	---
11AC20MIMO	Ant1	5180	18.701	5170.4895	5189.1908	---	---
11AC20MIMO	Ant2	5180	18.541	5170.5694	5189.1109	---	---
11AC20MIMO	Ant1	5200	18.781	5190.5694	5209.3506	---	---
11AC20MIMO	Ant2	5200	18.262	5190.8891	5209.1508	---	---
11AC20MIMO	Ant1	5240	18.222	5230.8492	5249.0709	---	---
11AC20MIMO	Ant2	5240	18.302	5230.7692	5249.0709	---	---
11AC20MIMO	Ant1	5745	18.621	5735.6494	5754.2707	---	---
11AC20MIMO	Ant2	5745	18.741	5735.4895	5754.2308	---	---
11AC20MIMO	Ant1	5785	18.501	5775.6494	5794.1508	---	---
11AC20MIMO	Ant2	5785	18.302	5775.8092	5794.1109	---	---

11AC20MIMO	Ant1	5825	18.382	5815.7692	5834.1508	---	---
11AC20MIMO	Ant2	5825	18.541	5815.7293	5834.2707	---	---
11AC40MIMO	Ant1	5190	36.523	5171.6983	5208.2218	---	---
11AC40MIMO	Ant2	5190	36.843	5171.5385	5208.3816	---	---
11AC40MIMO	Ant1	5230	36.683	5211.6184	5248.3017	---	---
11AC40MIMO	Ant2	5230	36.843	5211.6184	5248.4615	---	---
11AC40MIMO	Ant1	5755	37.003	5736.2987	5773.3017	---	---
11AC40MIMO	Ant2	5755	37.163	5736.1389	5773.3017	---	---
11AC40MIMO	Ant1	5795	37.163	5776.2987	5813.4615	---	---
11AC40MIMO	Ant2	5795	36.923	5776.6184	5813.5415	---	---
11AC80MIMO	Ant1	5210	76.563	5171.6384	5248.2018	---	---
11AC80MIMO	Ant2	5210	77.842	5170.3596	5248.2018	---	---
11AC80MIMO	Ant1	5775	77.043	5736.4785	5813.5215	---	---
11AC80MIMO	Ant2	5775	77.203	5736.3187	5813.5215	---	---
11AX20MIMO	Ant1	5180	19.261	5170.2498	5189.5105	---	---
11AX20MIMO	Ant2	5180	19.141	5170.3696	5189.5105	---	---
11AX20MIMO	Ant1	5200	19.261	5190.2897	5209.5504	---	---
11AX20MIMO	Ant2	5200	19.181	5190.3297	5209.5105	---	---
11AX20MIMO	Ant1	5240	19.301	5230.2897	5249.5904	---	---
11AX20MIMO	Ant2	5240	19.261	5230.3297	5249.5904	---	---
11AX20MIMO	Ant1	5745	19.540	5735.2498	5754.7902	---	---
11AX20MIMO	Ant2	5745	19.261	5735.3297	5754.5904	---	---
11AX20MIMO	Ant1	5785	19.181	5775.3696	5794.5504	---	---
11AX20MIMO	Ant2	5785	19.461	5775.1698	5794.6304	---	---
11AX20MIMO	Ant1	5825	19.261	5815.2897	5834.5504	---	---
11AX20MIMO	Ant2	5825	19.261	5815.3696	5834.6304	---	---
11AX40MIMO	Ant1	5190	38.122	5170.9790	5209.1009	---	---
11AX40MIMO	Ant2	5190	38.282	5170.7393	5209.0210	---	---
11AX40MIMO	Ant1	5230	38.282	5210.8192	5249.1009	---	---
11AX40MIMO	Ant2	5230	38.521	5210.7393	5249.2607	---	---
11AX40MIMO	Ant1	5755	38.442	5735.5794	5774.0210	---	---
11AX40MIMO	Ant2	5755	38.442	5735.6593	5774.1009	---	---
11AX40MIMO	Ant1	5795	38.282	5775.8192	5814.1009	---	---
11AX40MIMO	Ant2	5795	38.282	5775.7393	5814.0210	---	---
11AX80MIMO	Ant1	5210	78.961	5170.8392	5249.8002	---	---
11AX80MIMO	Ant2	5210	78.162	5170.9990	5249.1608	---	---
11AX80MIMO	Ant1	5775	78.482	5735.6793	5814.1608	---	---
11AX80MIMO	Ant2	5775	78.482	5735.6793	5814.1608	---	---

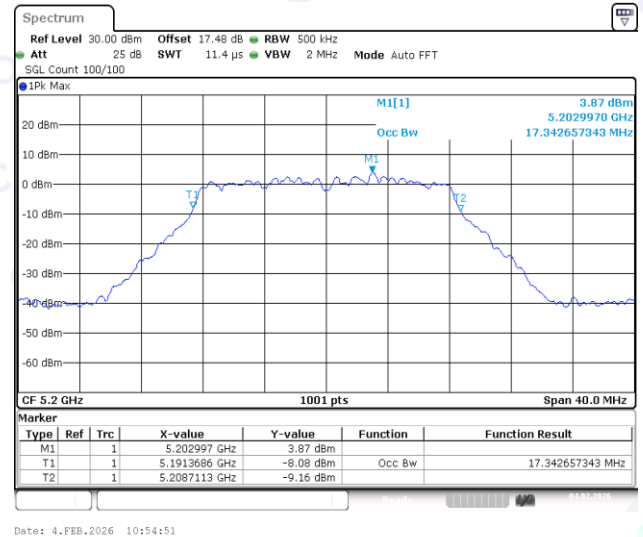
2.2 Test Graphs



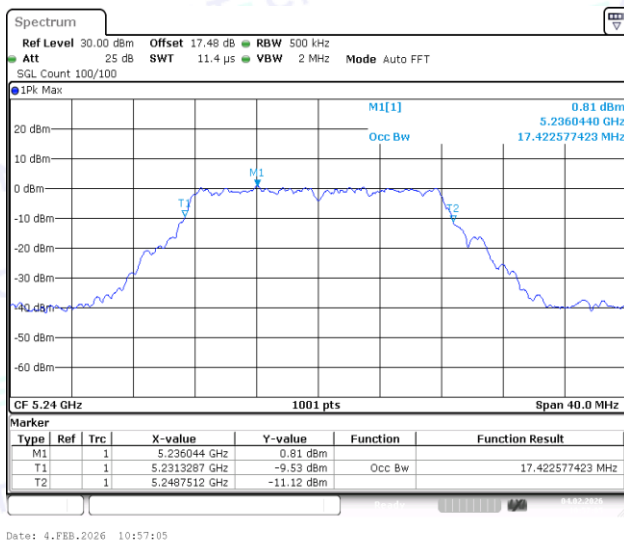
11A-CDD-Ant1-5180



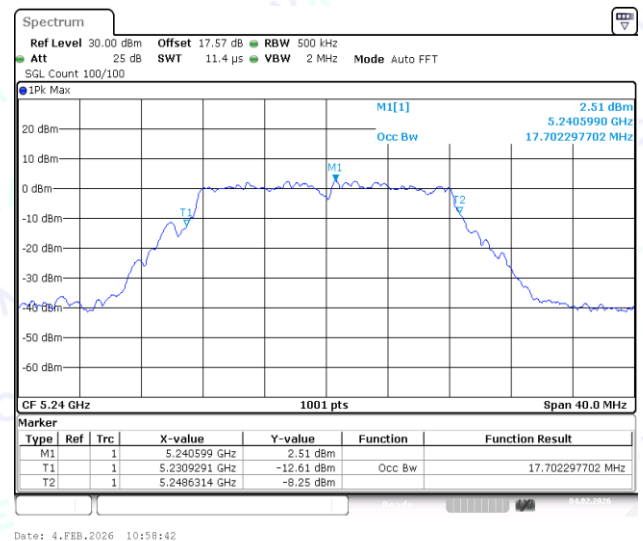
11A-CDD-Ant2-5180



11A-CDD-Ant1-5200



11A-CDD-Ant2-5200

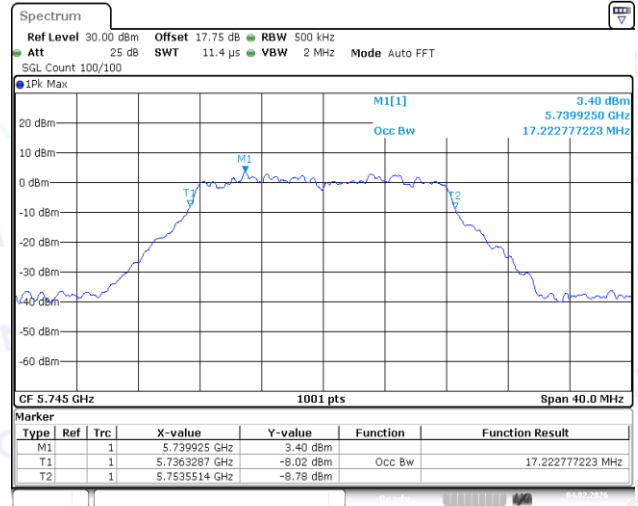
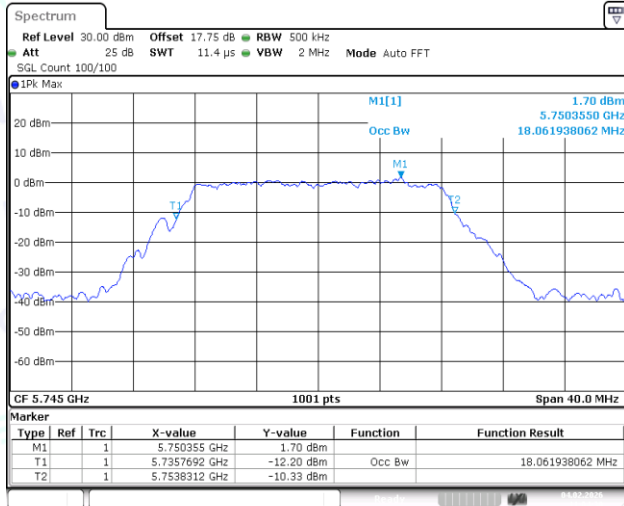


11A-CDD-Ant1-5240



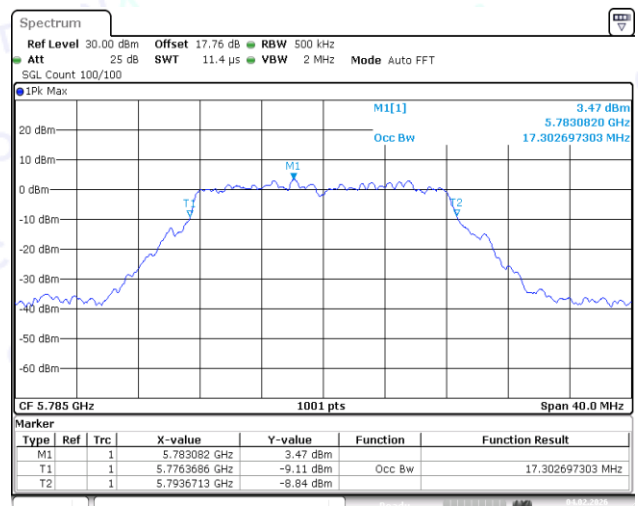
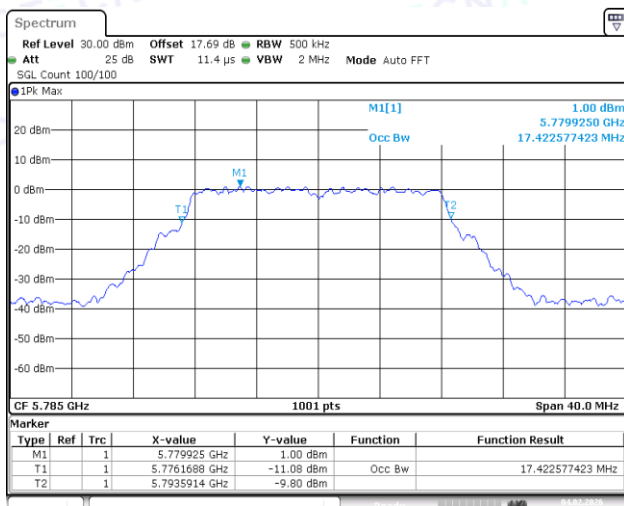
11A-CDD-Ant2-5240





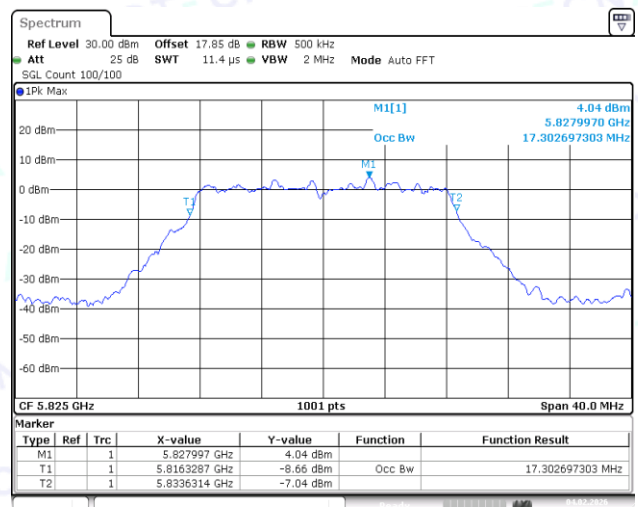
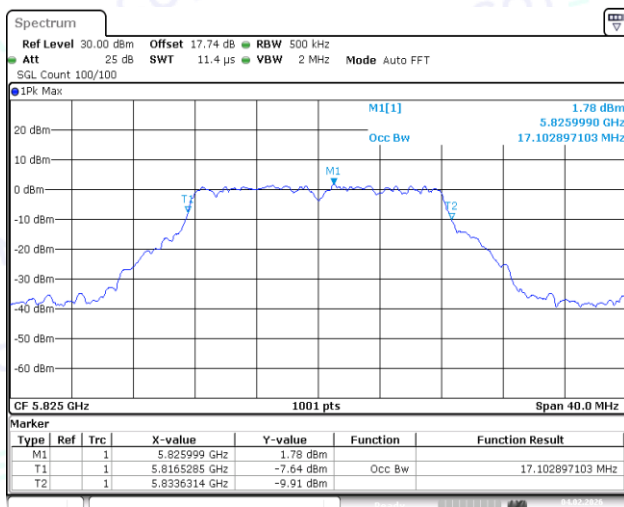
11A-CDD-Ant1-5745

11A-CDD-Ant2-5745



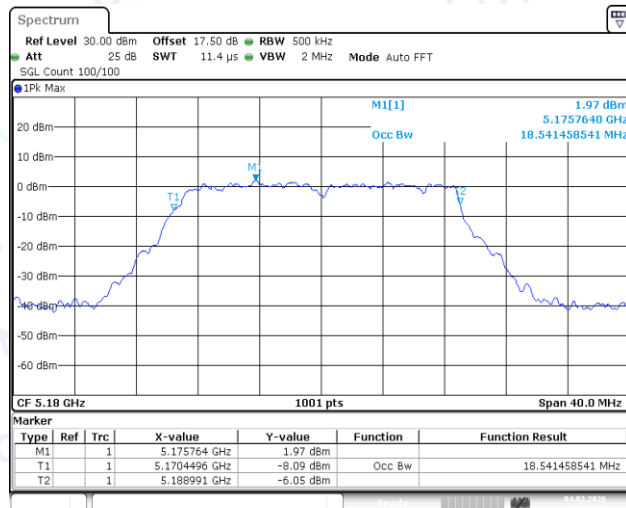
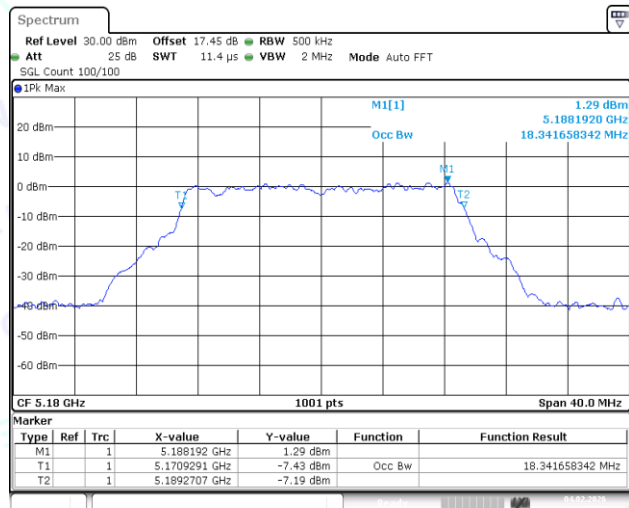
11A-CDD-Ant1-5785

11A-CDD-Ant2-5785



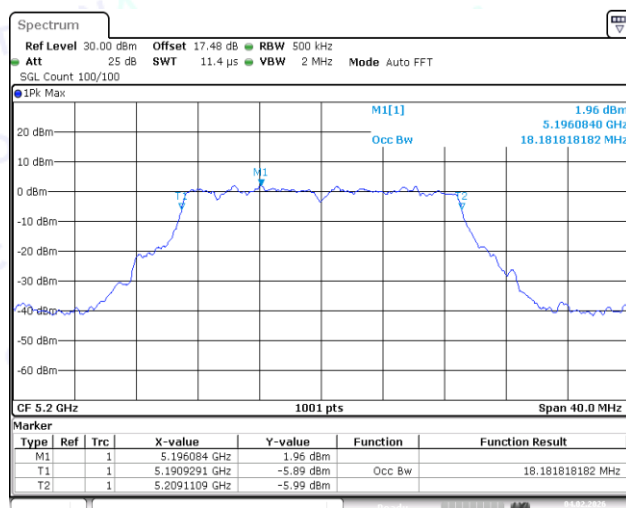
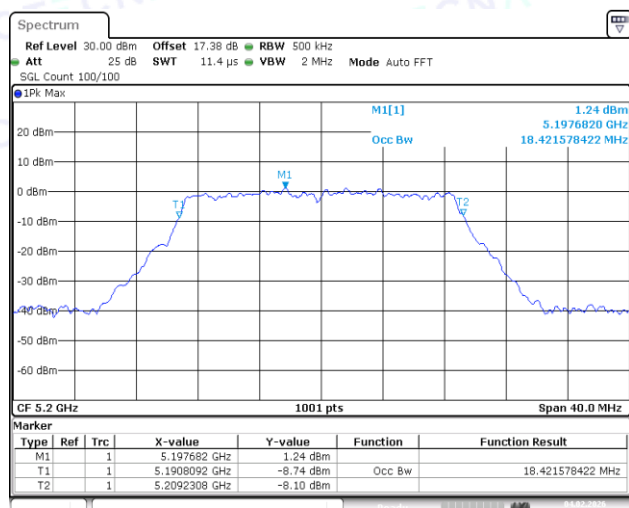
11A-CDD-Ant1-5825

11A-CDD-Ant2-5825



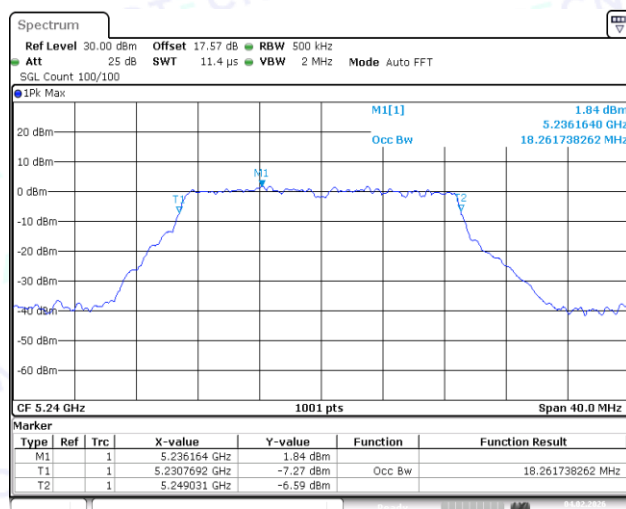
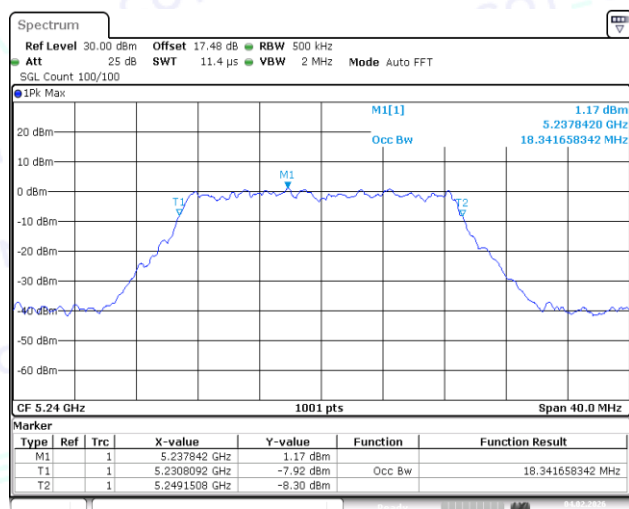
11N20MIMO-Ant1-5180

11N20MIMO-Ant2-5180



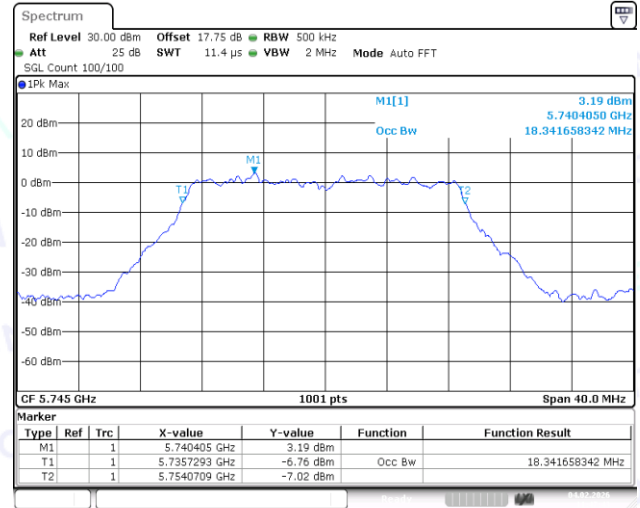
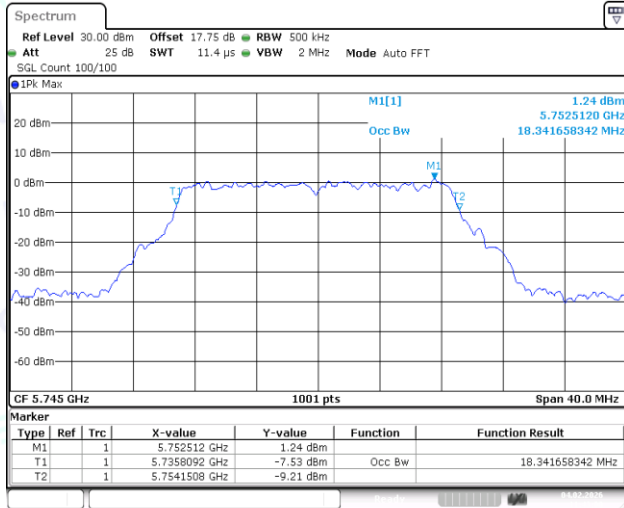
11N20MIMO-Ant1-5200

11N20MIMO-Ant2-5200



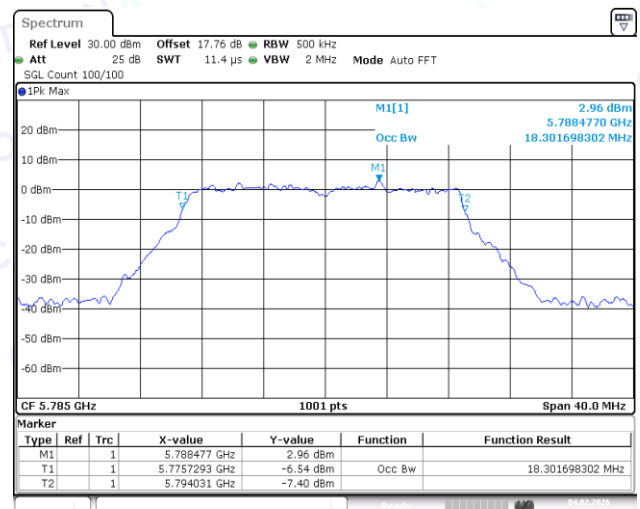
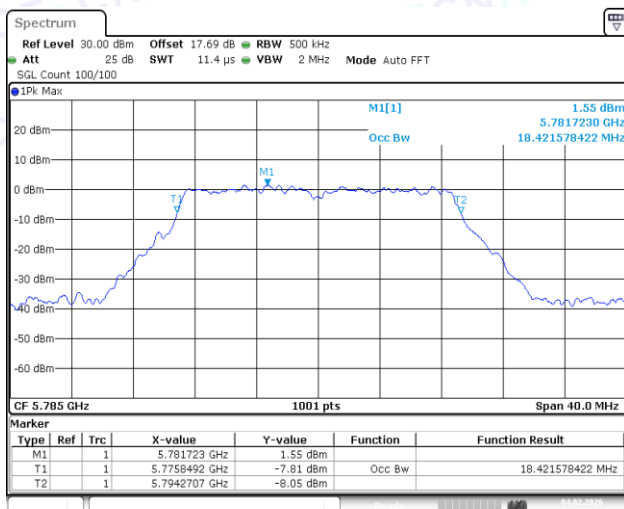
11N20MIMO-Ant1-5240

11N20MIMO-Ant2-5240



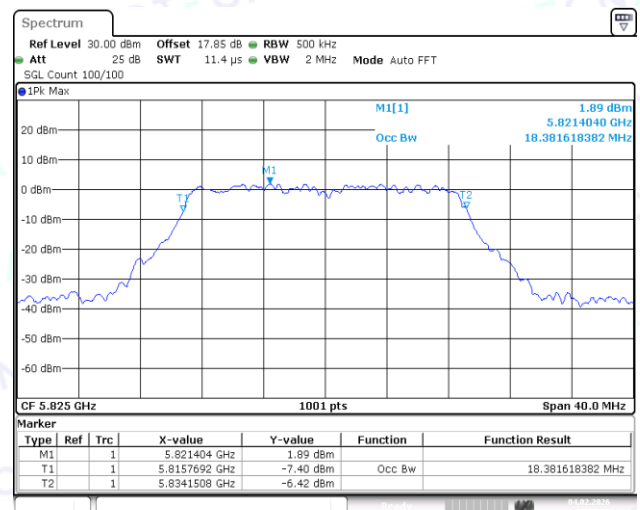
11N20MIMO-Ant1-5745

11N20MIMO-Ant2-5745



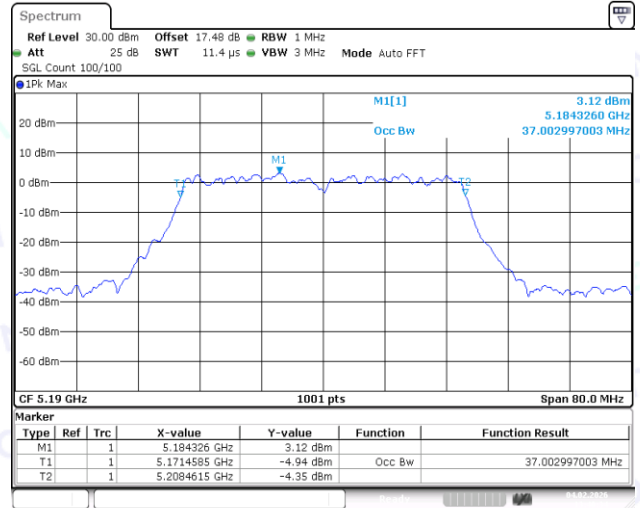
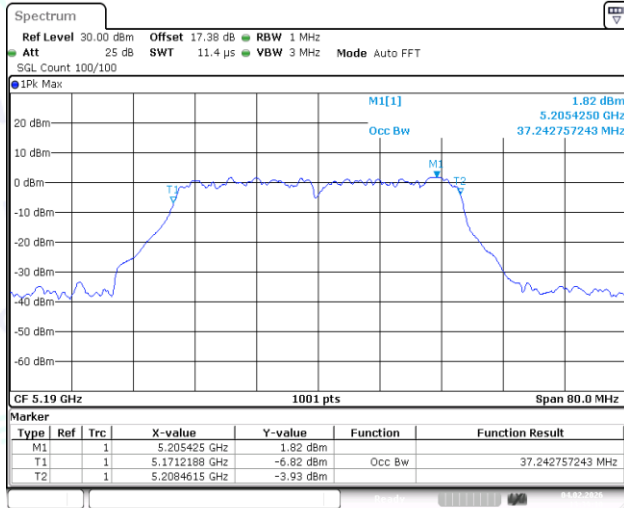
11N20MIMO-Ant1-5785

11N20MIMO-Ant2-5785



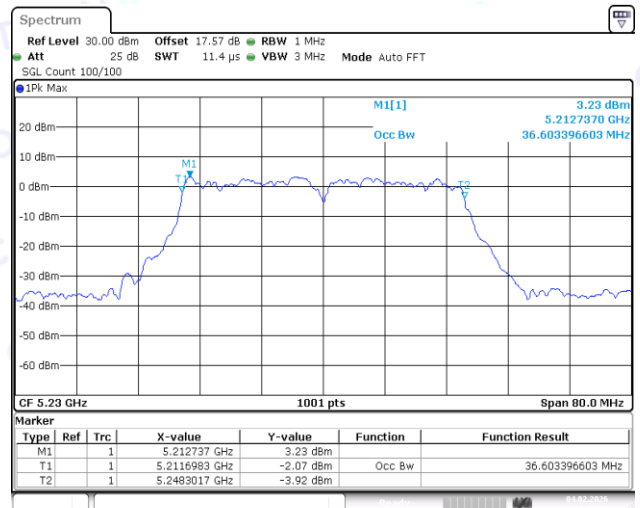
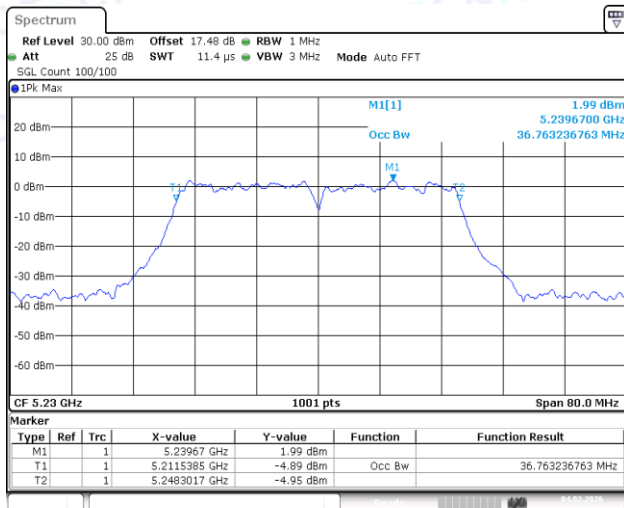
11N20MIMO-Ant1-5825

11N20MIMO-Ant2-5825



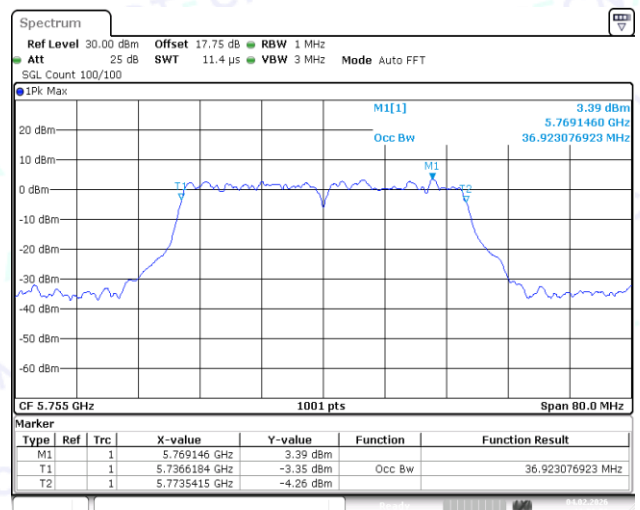
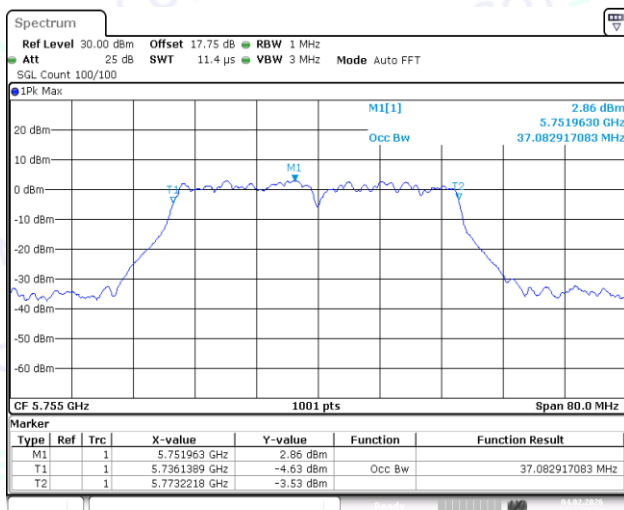
11N40MIMO-Ant1-5190

11N40MIMO-Ant2-5190



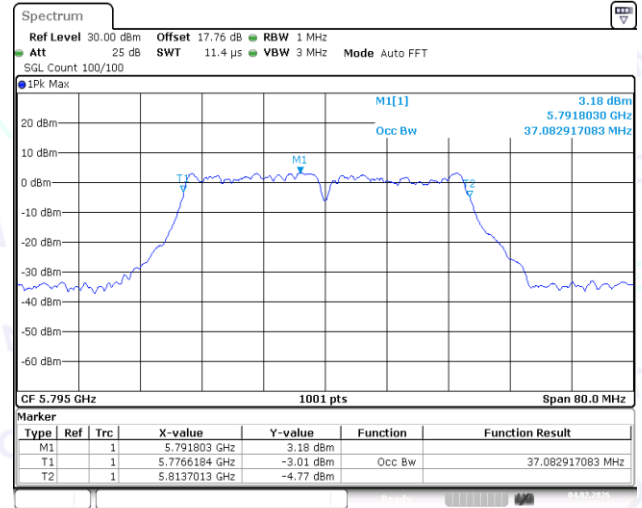
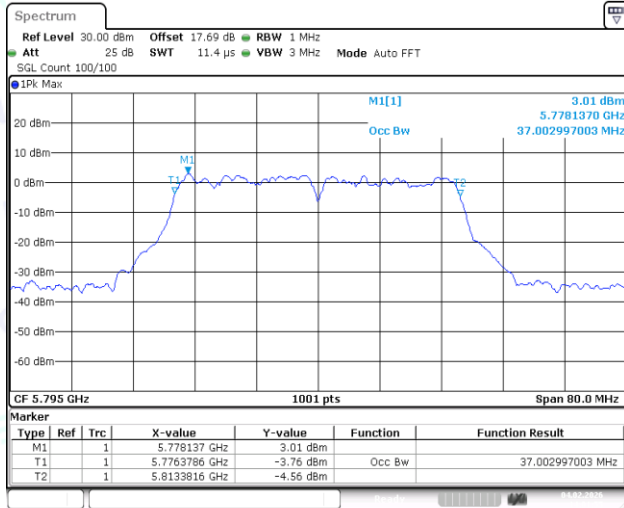
11N40MIMO-Ant1-5230

11N40MIMO-Ant2-5230



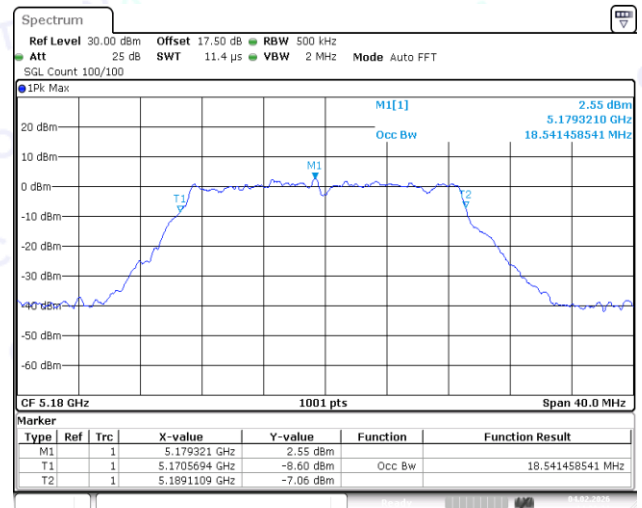
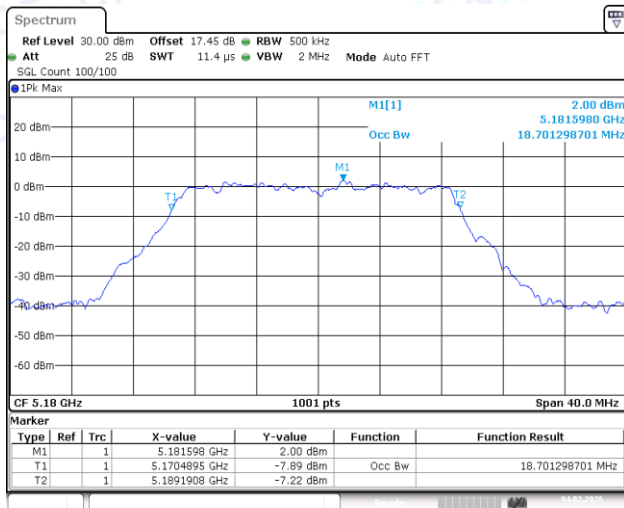
11N40MIMO-Ant1-5755

11N40MIMO-Ant2-5755



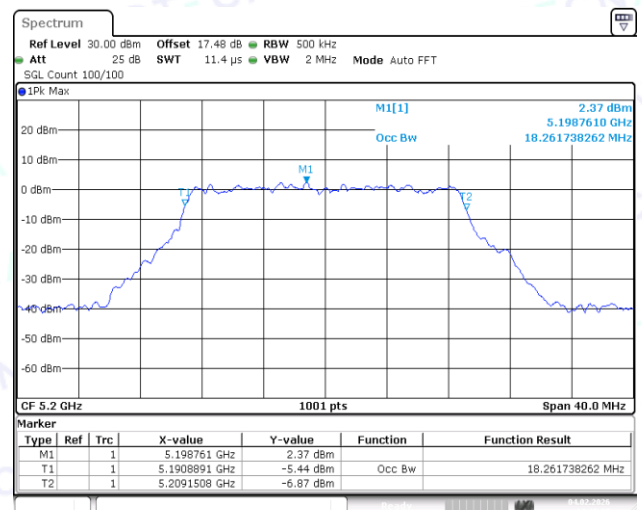
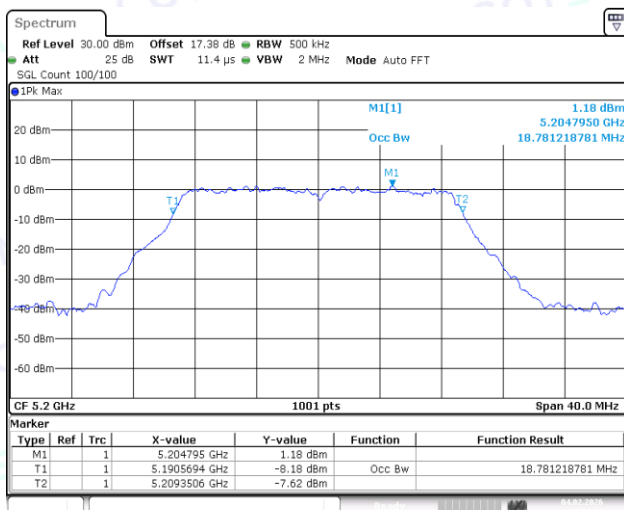
11N40MIMO-Ant1-5795

11N40MIMO-Ant2-5795



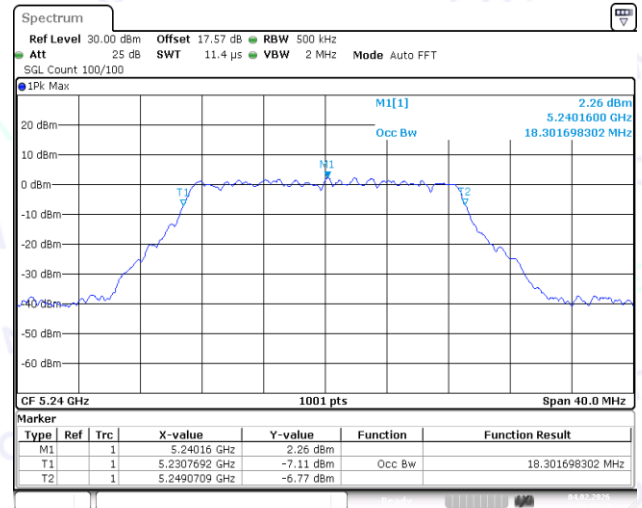
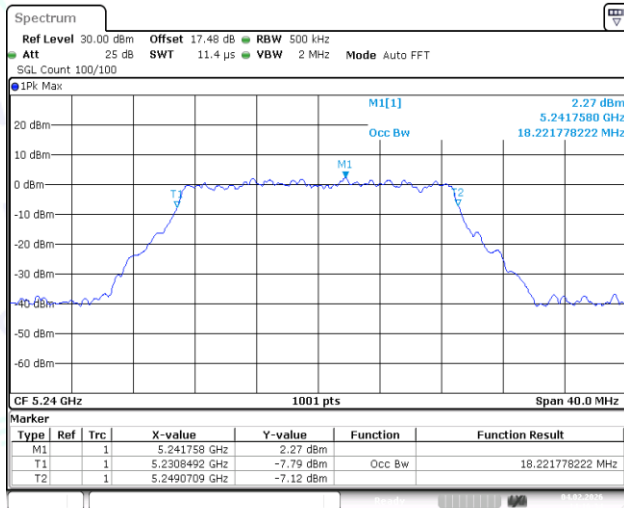
11AC20MIMO-Ant1-5180

11AC20MIMO-Ant2-5180



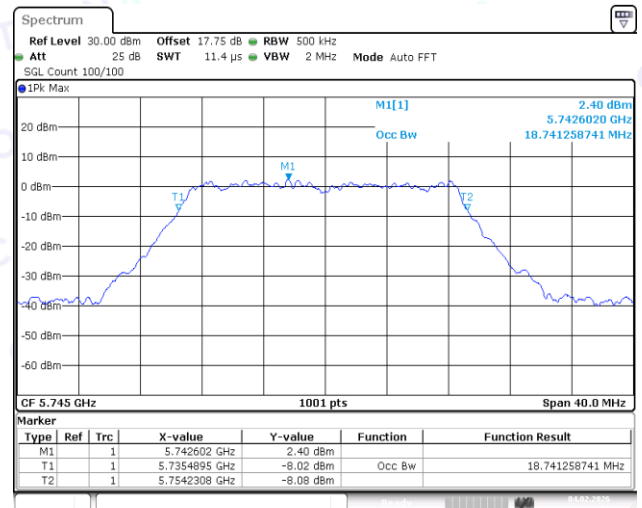
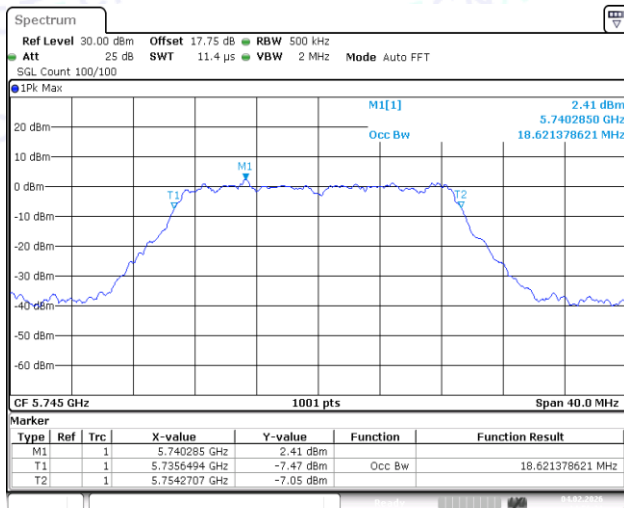
11AC20MIMO-Ant1-5200

11AC20MIMO-Ant2-5200



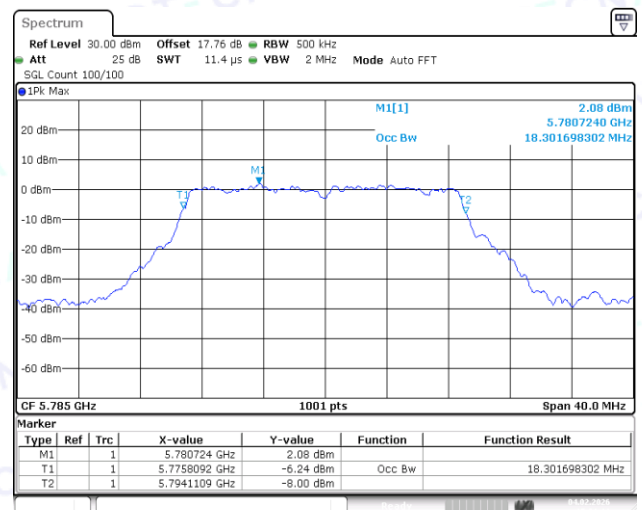
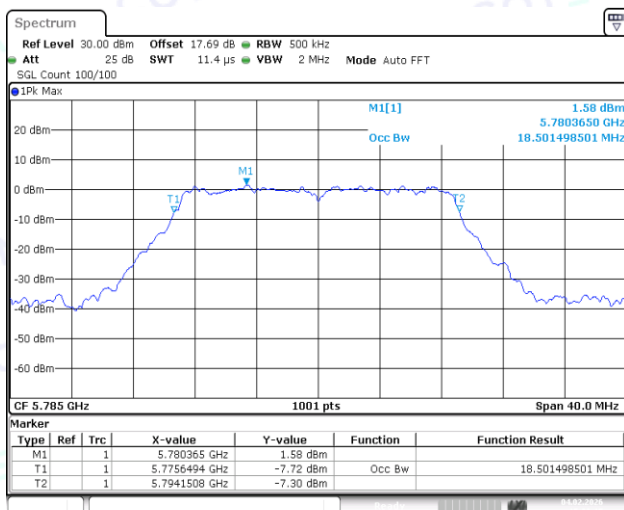
11AC20MIMO-Ant1-5240

11AC20MIMO-Ant2-5240



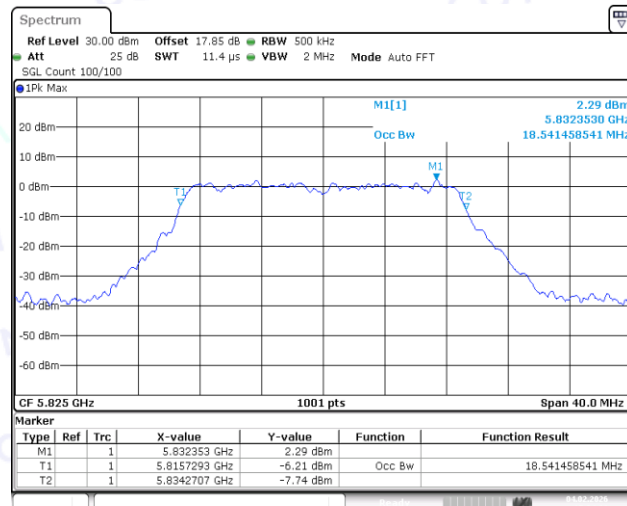
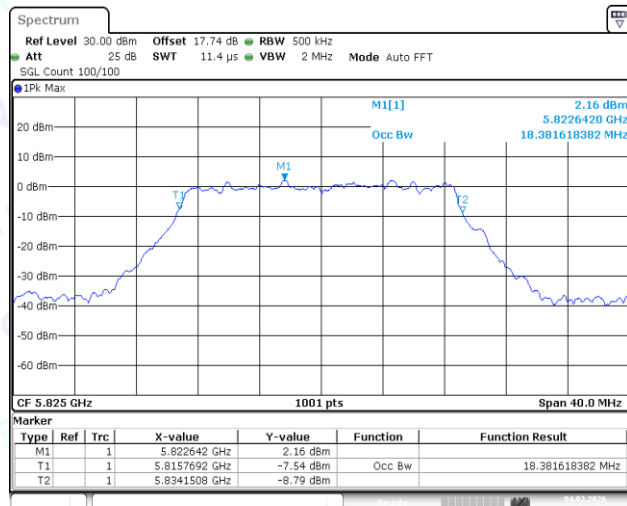
11AC20MIMO-Ant1-5745

11AC20MIMO-Ant2-5745



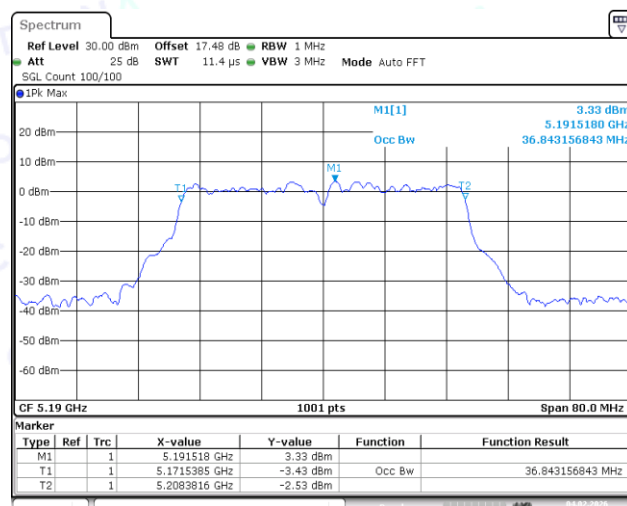
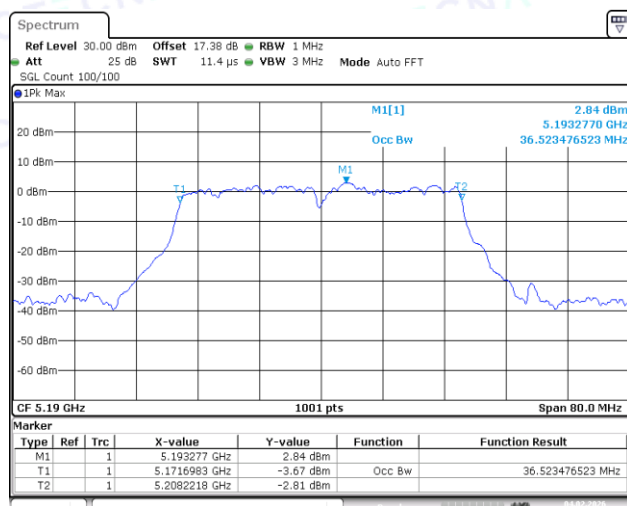
11AC20MIMO-Ant1-5785

11AC20MIMO-Ant2-5785



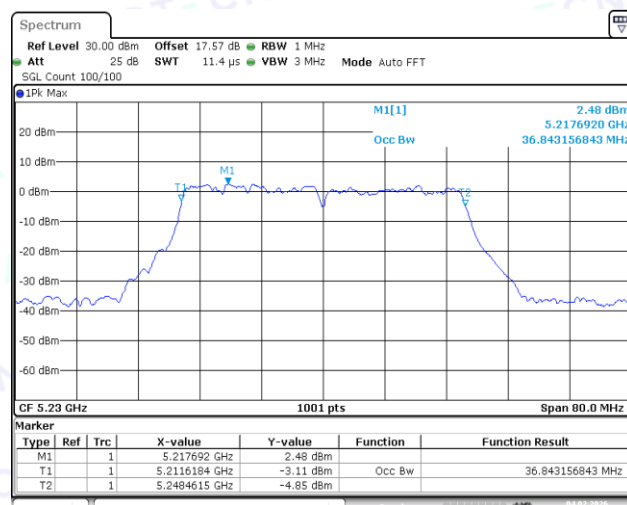
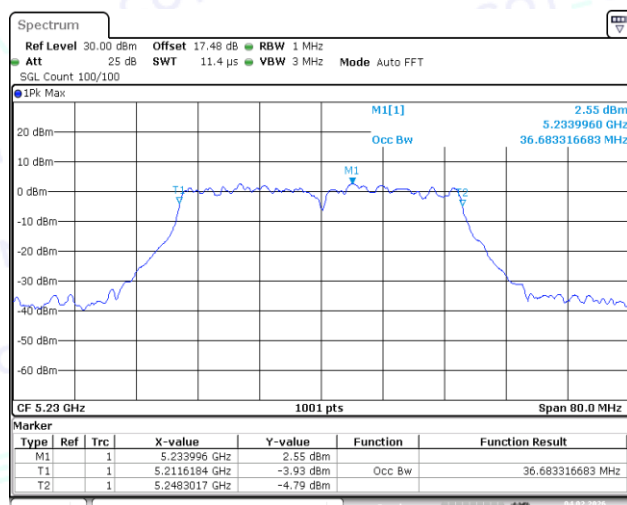
11AC20MIMO-Ant1-5825

11AC20MIMO-Ant2-5825



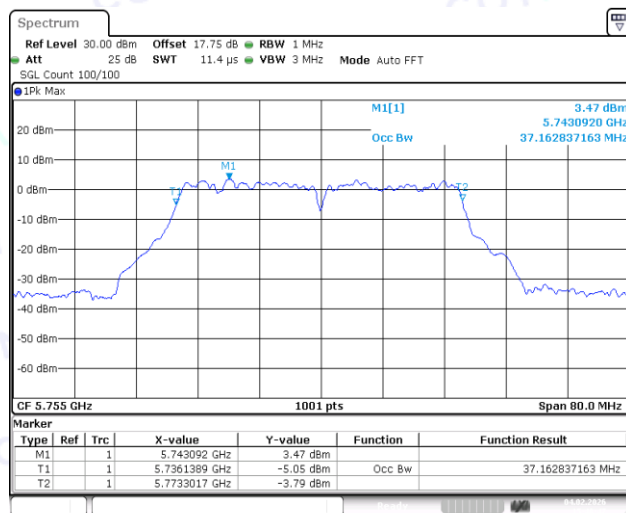
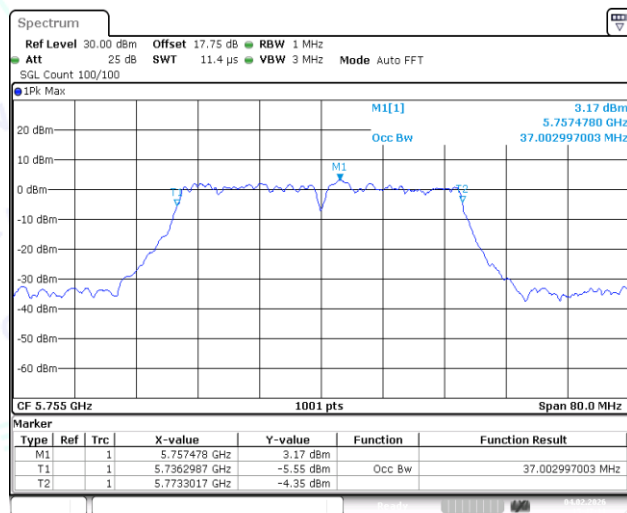
11AC40MIMO-Ant1-5190

11AC40MIMO-Ant2-5190



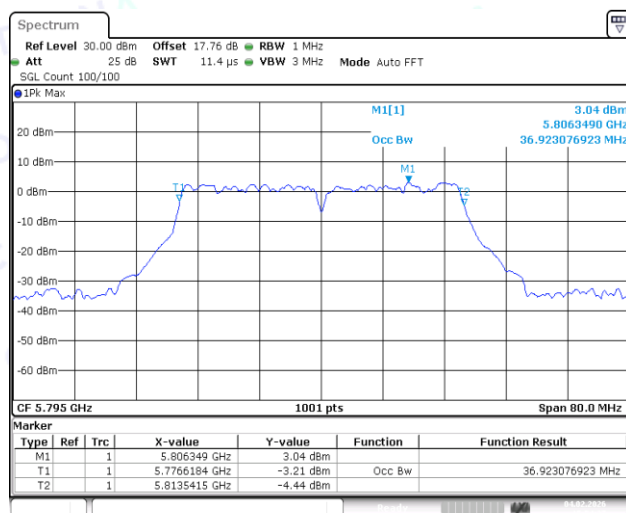
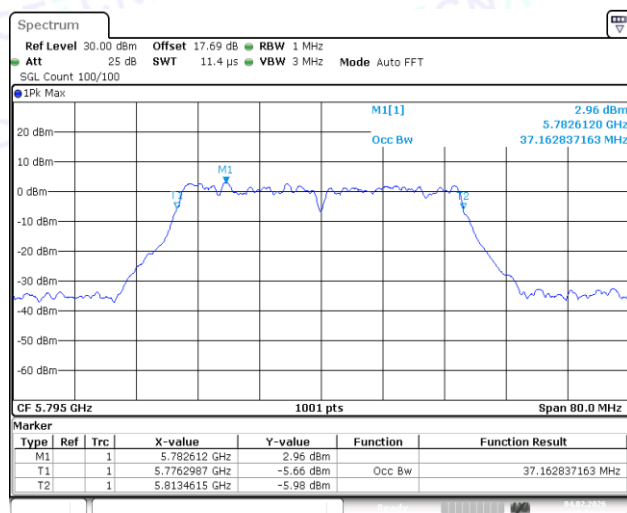
11AC40MIMO-Ant1-5230

11AC40MIMO-Ant2-5230



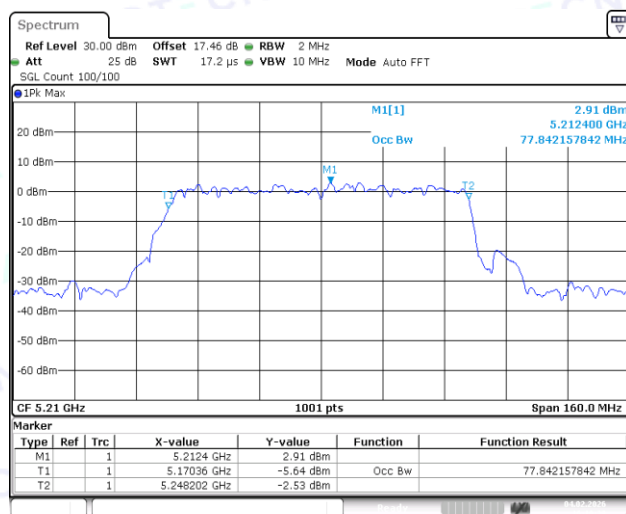
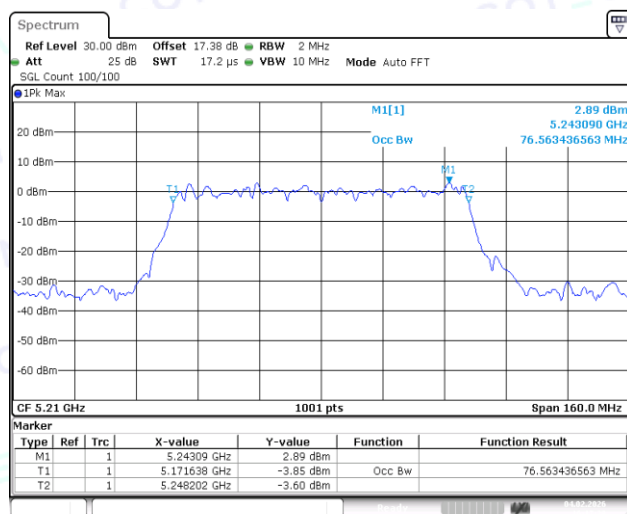
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11AC40MIMO-Ant2-5755



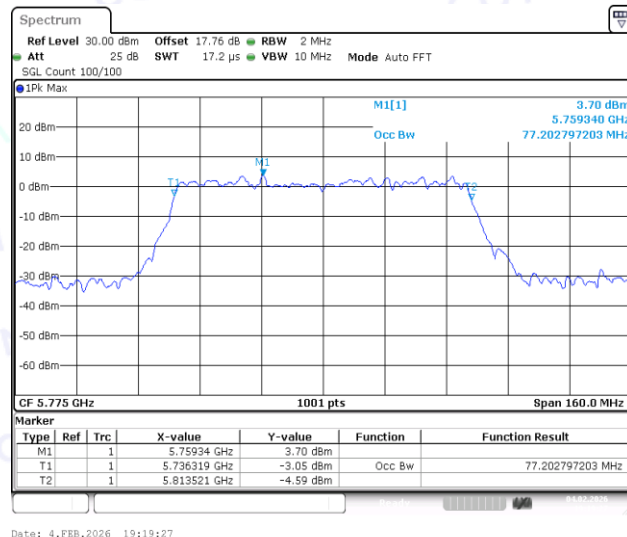
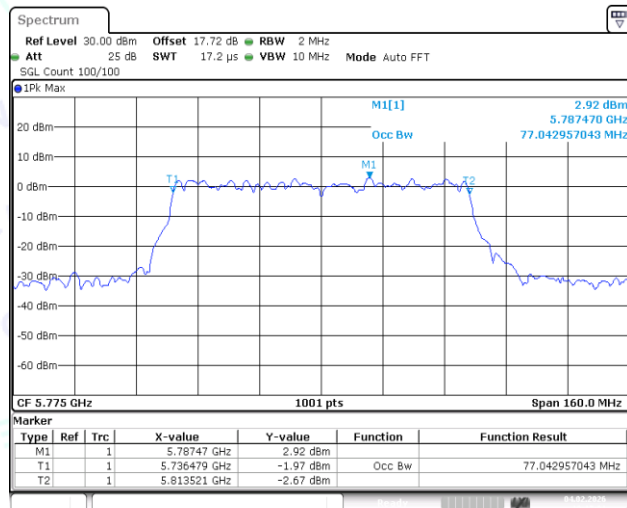
11AC40MIMO-Ant1-5795

11AC40MIMO-Ant2-5795



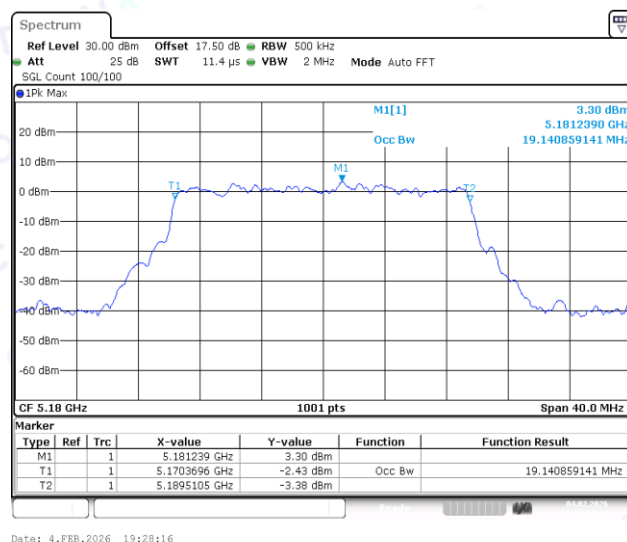
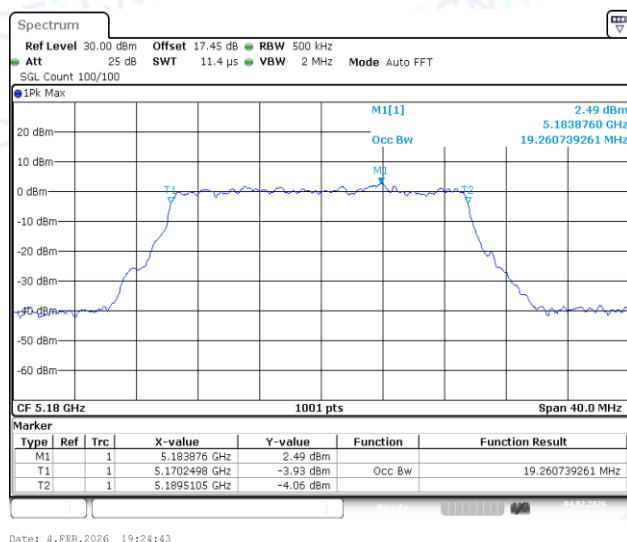
11AC80MIMO-Ant1-5210

11AC80MIMO-Ant2-5210



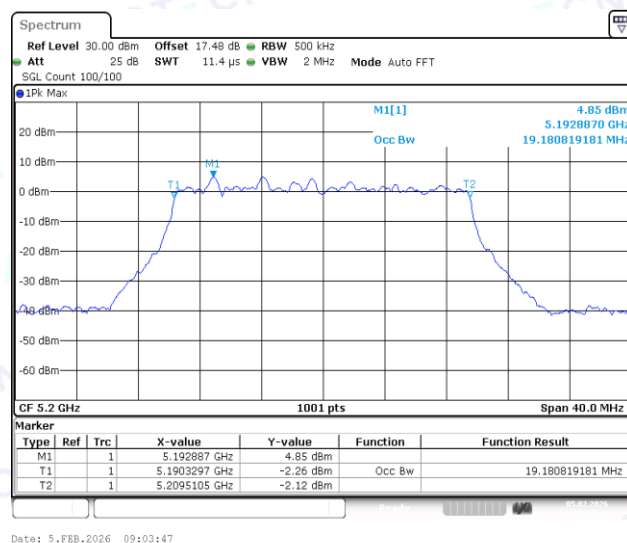
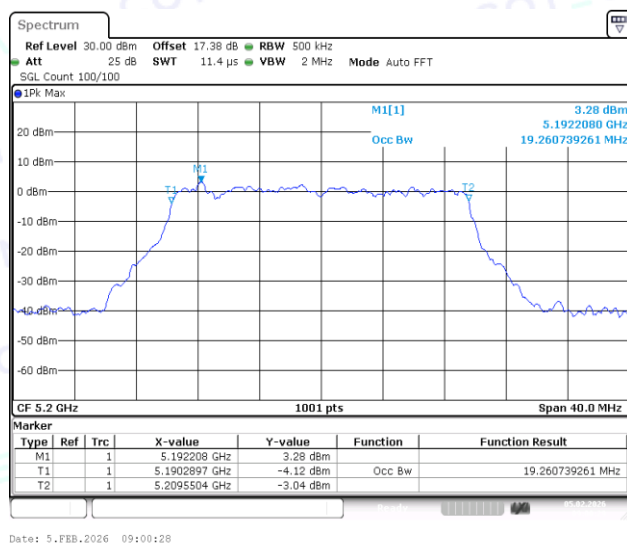
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11AC80MIMO-Ant2-5775



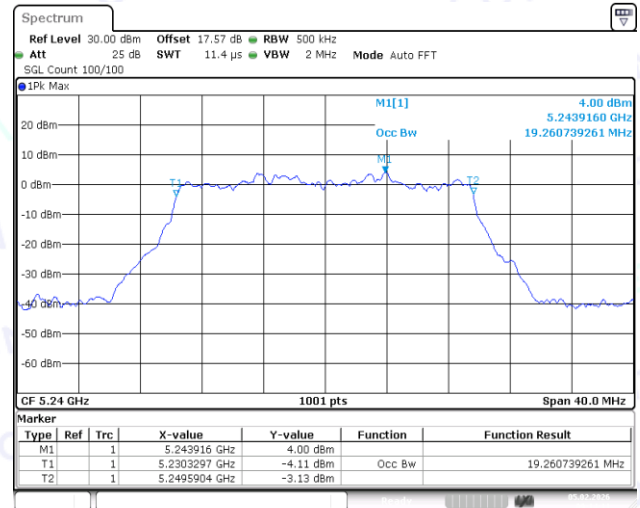
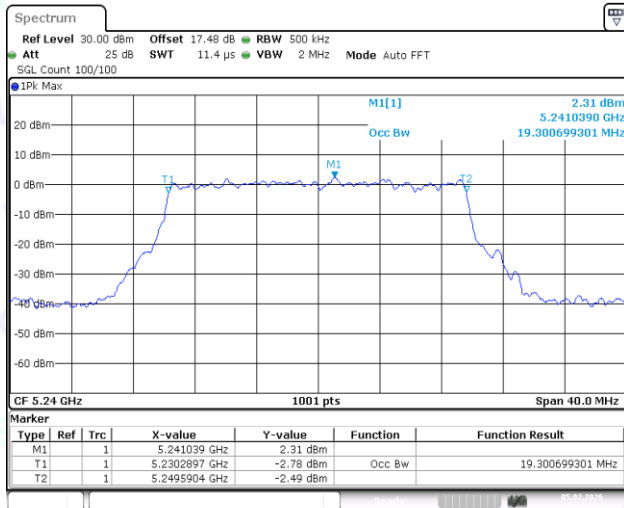
11AX20MIMO-Ant1-5180

11AX20MIMO-Ant2-5180



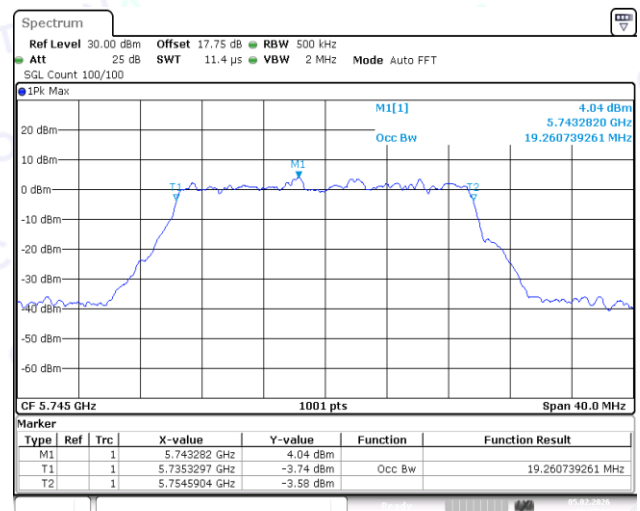
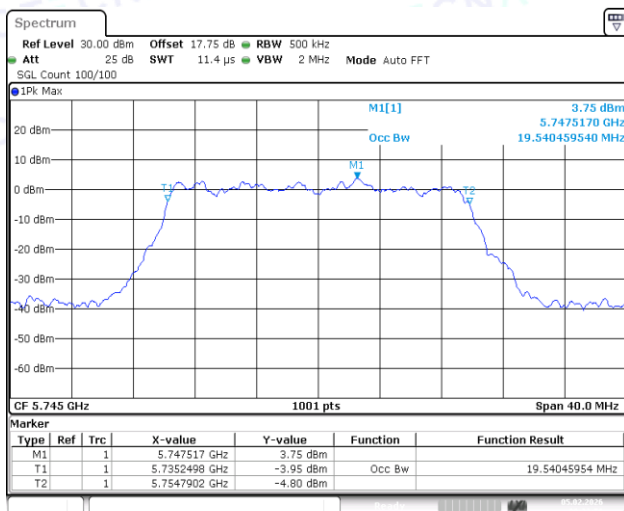
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11AX20MIMO-Ant2-5200



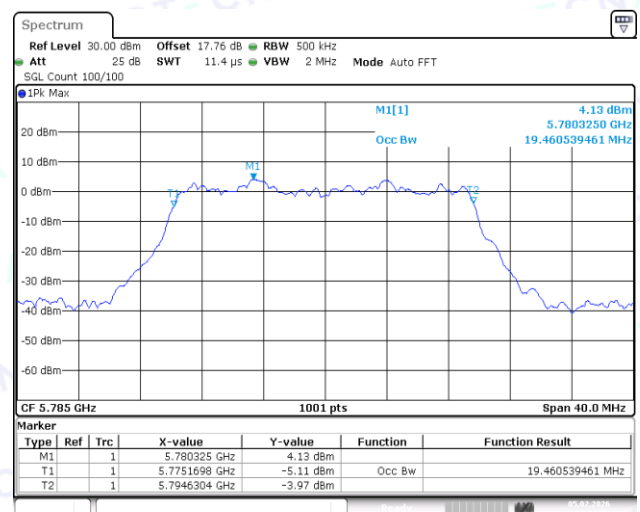
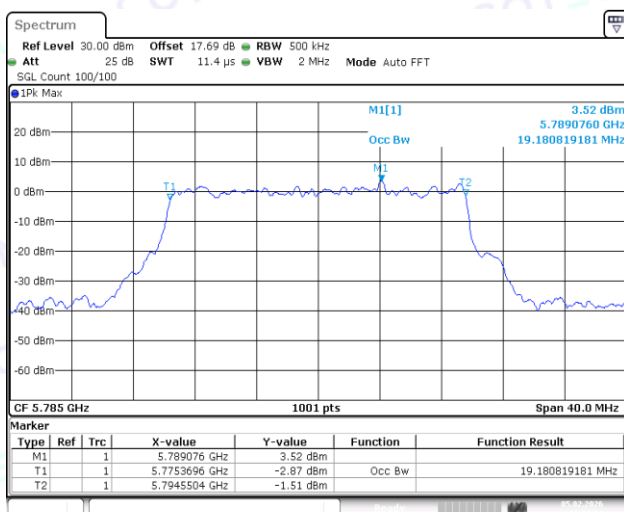
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11AX20MIMO-Ant2-5240



11AX20MIMO-Ant1-5745

11AX20MIMO-Ant2-5745



11AX20MIMO-Ant1-5785

11AX20MIMO-Ant2-5785