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

General Description of EUT	
Product Name:	Portable Gaming Computer(Tablet computer)
Test Model:	AYANEO FLIP
Sample ID:	HC-C-202312-0316-01-01-2#
Environmental Conditions	
Temperature:	23.8℃
Relative Humidity:	48%
Test Voltage:	DC 11.55V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202312-0316-163	

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1. Emission Bandwidth

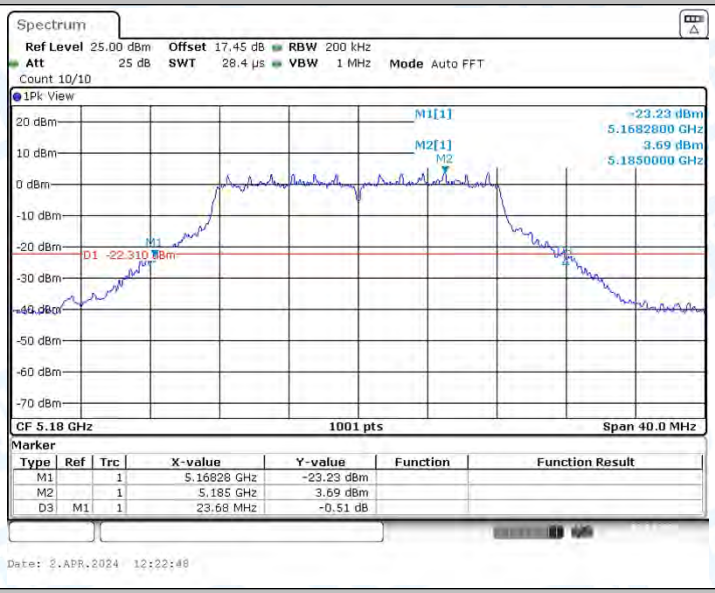
1.1.Test Result

Test Mode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	23.68	5168.28	5191.96	---	---
	Ant2	5180	23.80	5168.56	5192.36	---	---
	Ant1	5200	23.96	5188.04	5212.00	---	---
	Ant2	5200	23.72	5188.28	5212.00	---	---
	Ant1	5240	23.44	5228.84	5252.28	---	---
	Ant2	5240	24.00	5228.28	5252.28	---	---
	Ant1	5745	23.72	5732.96	5756.68	---	---
	Ant2	5745	24.36	5732.92	5757.28	---	---
	Ant1	5785	23.76	5773.24	5797.00	---	---
	Ant2	5785	24.32	5772.92	5797.24	---	---
	Ant1	5825	24.40	5812.96	5837.36	---	---
	Ant2	5825	23.12	5813.56	5836.68	---	---
11N20MIMO	Ant1	5180	23.96	5168.32	5192.28	---	---
	Ant2	5180	23.84	5168.16	5192.00	---	---
	Ant1	5200	24.12	5187.96	5212.08	---	---
	Ant2	5200	24.44	5187.80	5212.24	---	---
	Ant1	5240	23.80	5228.16	5251.96	---	---
	Ant2	5240	24.32	5228.00	5252.32	---	---
	Ant1	5745	24.08	5733.12	5757.20	---	---
	Ant2	5745	24.00	5733.00	5757.00	---	---
	Ant1	5785	24.40	5772.92	5797.32	---	---
	Ant2	5785	24.56	5772.64	5797.20	---	---
	Ant1	5825	24.24	5813.00	5837.24	---	---
	Ant2	5825	24.12	5812.96	5837.08	---	---
11N40MIMO	Ant1	5190	44.72	5167.76	5212.48	---	---
	Ant2	5190	43.60	5168.16	5211.76	---	---
	Ant1	5230	42.64	5208.64	5251.28	---	---
	Ant2	5230	44.56	5208.24	5252.80	---	---
	Ant1	5755	45.52	5732.60	5778.12	---	---
	Ant2	5755	46.00	5731.24	5777.24	---	---
	Ant1	5795	45.12	5771.80	5816.92	---	---
	Ant2	5795	44.80	5773.08	5817.88	---	---
11AC20MIMO	Ant1	5180	24.00	5168.00	5192.00	---	---
	Ant2	5180	23.64	5168.32	5191.96	---	---
	Ant1	5200	23.88	5188.04	5211.92	---	---
	Ant2	5200	23.44	5188.44	5211.88	---	---
	Ant1	5240	24.00	5227.96	5251.96	---	---
	Ant2	5240	24.40	5227.84	5252.24	---	---
	Ant1	5745	23.72	5732.96	5756.68	---	---
	Ant2	5745	24.08	5732.92	5757.00	---	---

	Ant1	5785	24.20	5773.00	5797.20	---	---
	Ant2	5785	24.24	5773.00	5797.24	---	---
	Ant1	5825	24.36	5813.28	5837.64	---	---
	Ant2	5825	24.08	5812.92	5837.00	---	---
11AC40MIMO	Ant1	5190	42.80	5168.88	5211.68	---	---
	Ant2	5190	44.72	5167.76	5212.48	---	---
	Ant1	5230	42.64	5208.48	5251.12	---	---
	Ant2	5230	45.52	5207.44	5252.96	---	---
	Ant1	5755	42.00	5733.56	5775.56	---	---
	Ant2	5755	44.32	5732.12	5776.44	---	---
	Ant1	5795	41.92	5773.96	5815.88	---	---
	Ant2	5795	43.12	5773.80	5816.92	---	---
11AC80MIMO	Ant1	5210	81.28	5170.16	5251.44	---	---
	Ant2	5210	82.40	5170.00	5252.40	---	---
	Ant1	5775	114.88	5723.64	5838.52	---	---
	Ant2	5775	101.12	5727.96	5829.08	---	---
11AX20MIMO	Ant1	5180	22.92	5168.68	5191.60	---	---
	Ant2	5180	23.60	5168.40	5192.00	---	---
	Ant1	5200	24.52	5188.00	5212.52	---	---
	Ant2	5200	22.76	5188.88	5211.64	---	---
	Ant1	5240	23.96	5228.52	5252.48	---	---
	Ant2	5240	23.88	5228.28	5252.16	---	---
	Ant1	5745	24.96	5732.12	5757.08	---	---
	Ant2	5745	24.48	5732.36	5756.84	---	---
	Ant1	5785	25.72	5772.12	5797.84	---	---
	Ant2	5785	25.32	5772.88	5798.20	---	---
	Ant1	5825	27.04	5811.28	5838.32	---	---
	Ant2	5825	25.84	5812.72	5838.56	---	---
11AX40MIMO	Ant1	5190	43.92	5167.92	5211.84	---	---
	Ant2	5190	43.84	5168.80	5212.64	---	---
	Ant1	5230	41.60	5209.52	5251.12	---	---
	Ant2	5230	41.92	5208.88	5250.80	---	---
	Ant1	5755	55.12	5722.84	5777.96	---	---
	Ant2	5755	49.92	5728.52	5778.44	---	---
	Ant1	5795	64.88	5762.68	5827.56	---	---
	Ant2	5795	49.84	5768.84	5818.68	---	---
11AX80MIMO	Ant1	5210	81.76	5169.68	5251.44	---	---
	Ant2	5210	83.04	5168.40	5251.44	---	---
	Ant1	5775	93.76	5731.64	5825.40	---	---
	Ant2	5775	89.12	5729.88	5819.00	---	---

2.1.Test Graphs

11A-CDD_Ant1_5180



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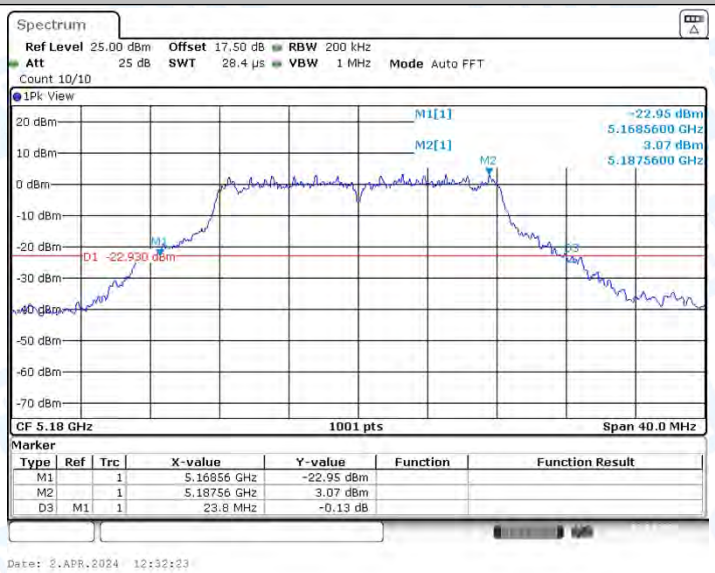

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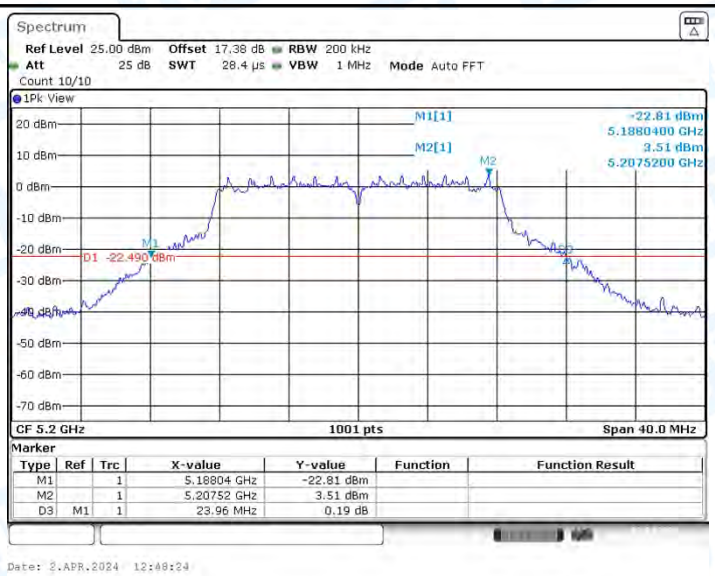

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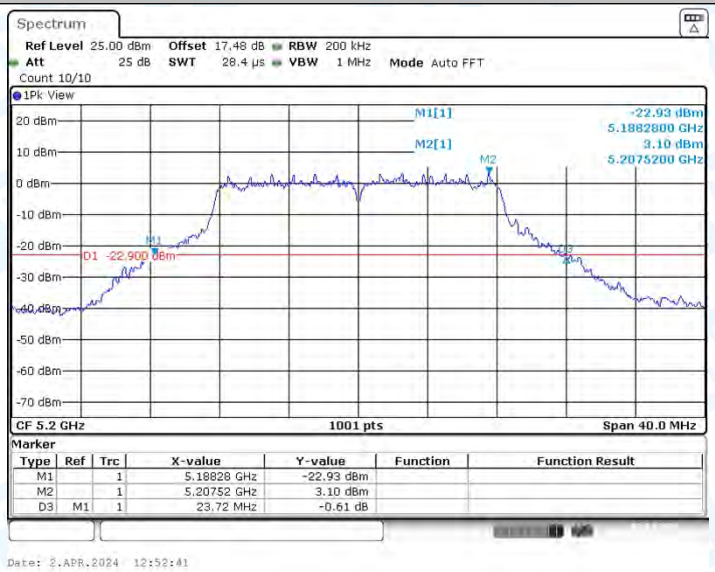

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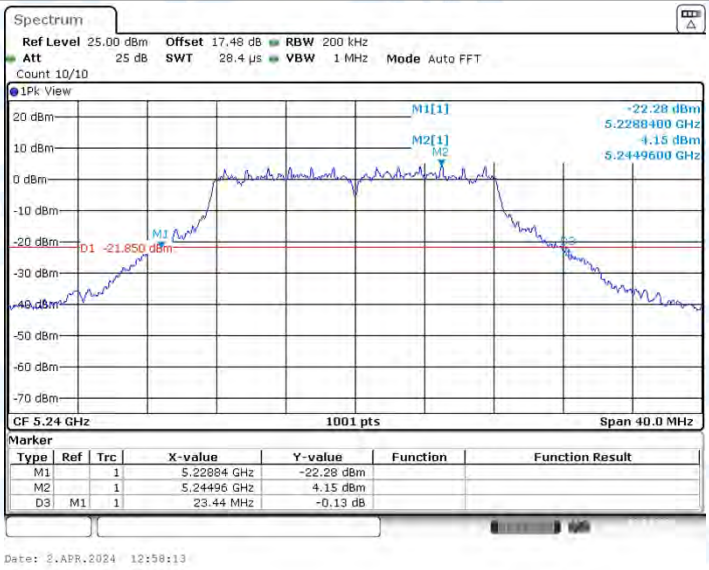

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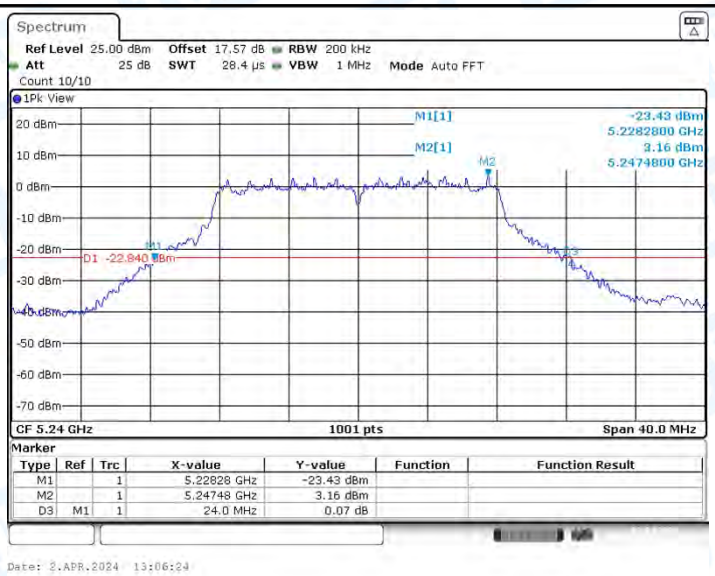

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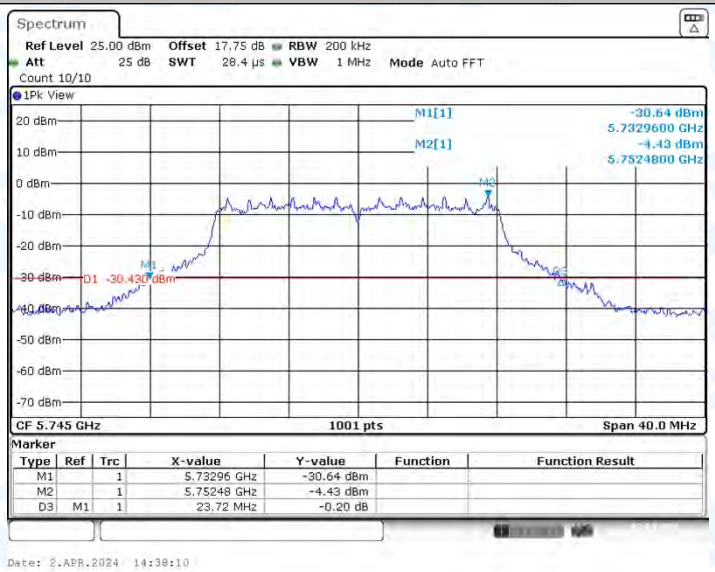

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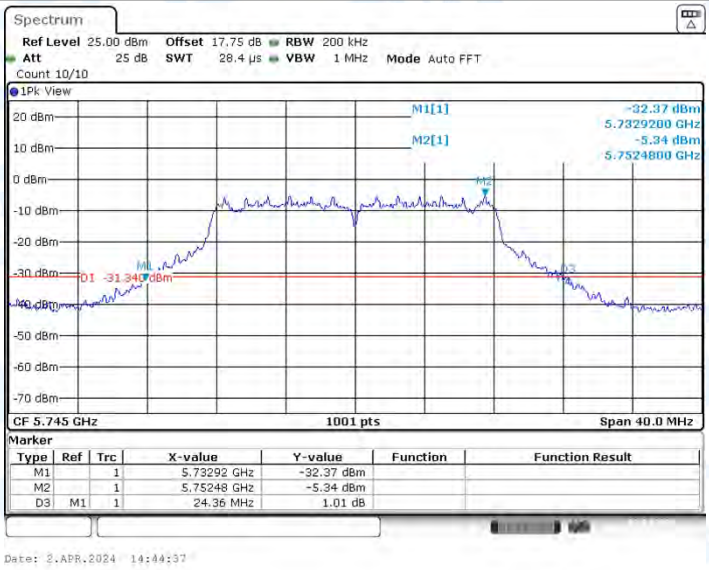

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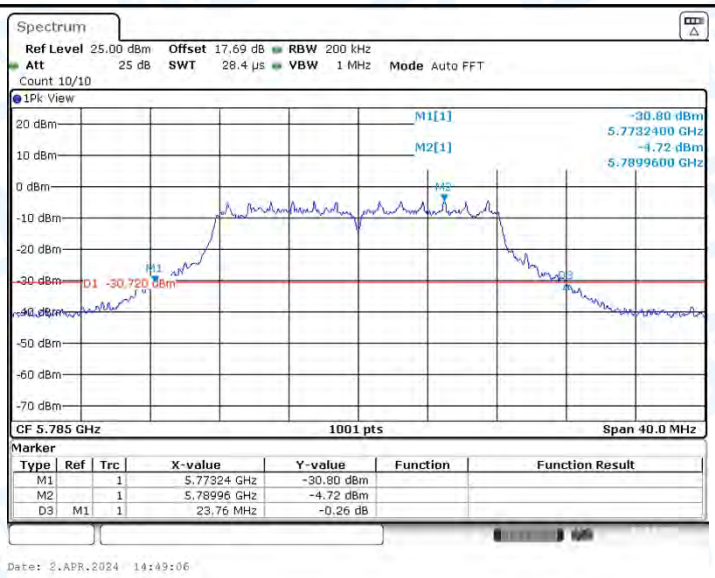

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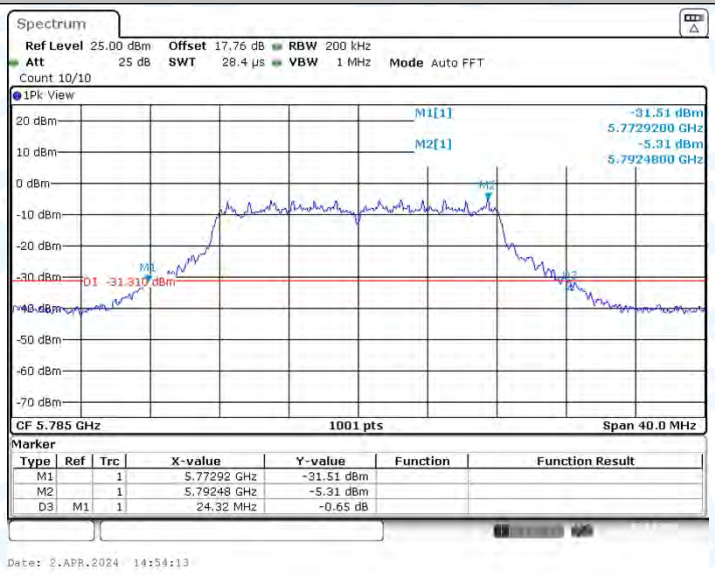

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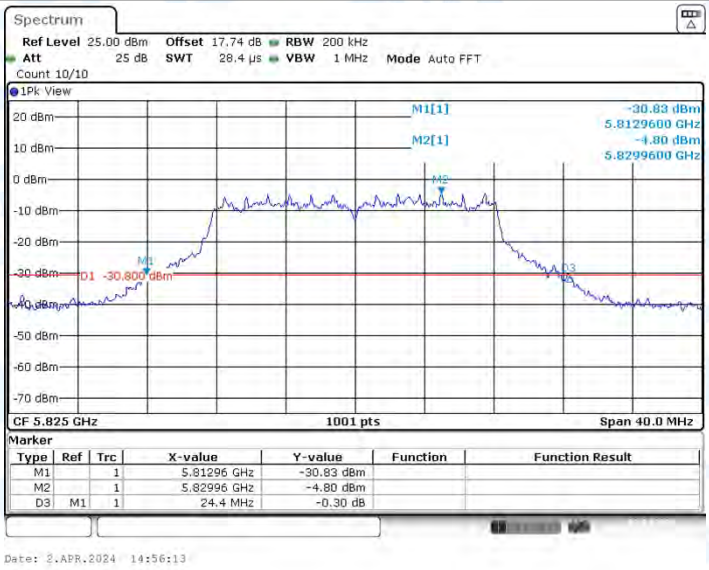

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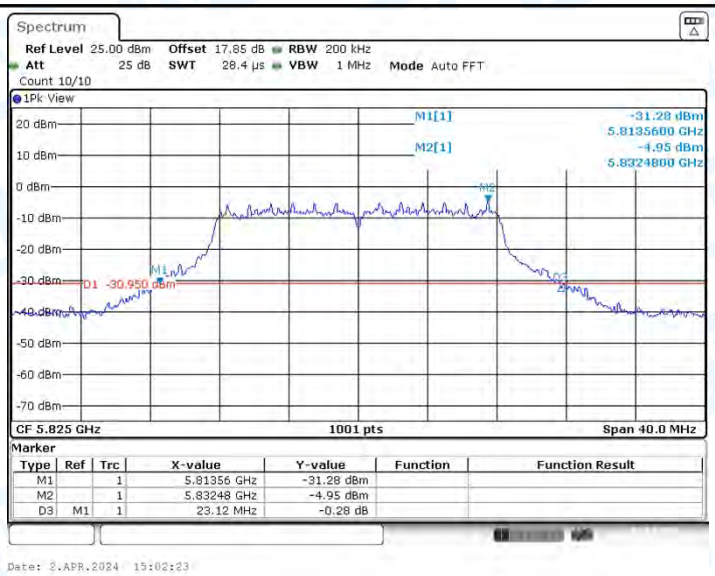

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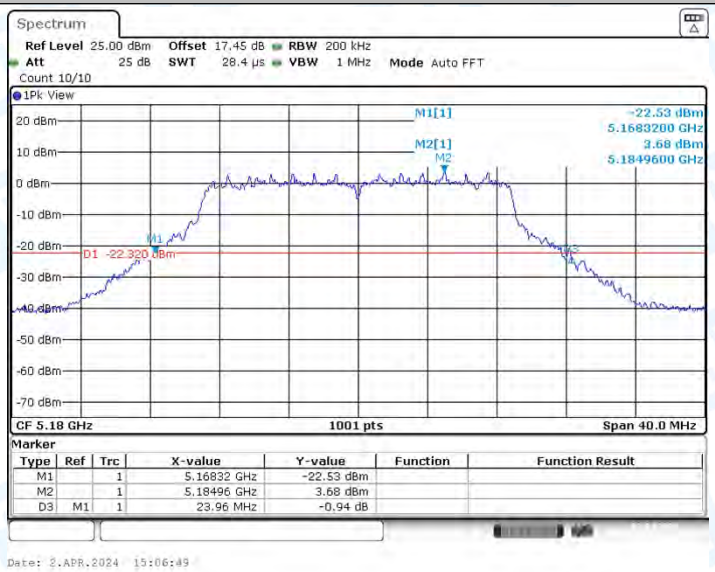

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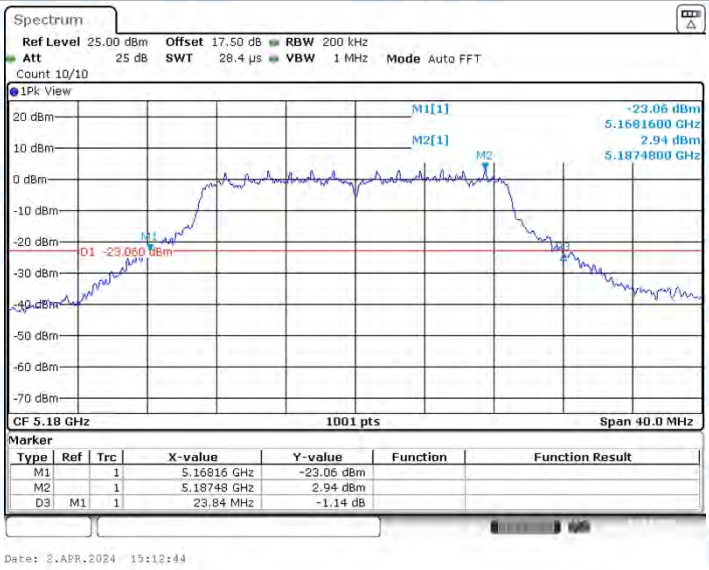

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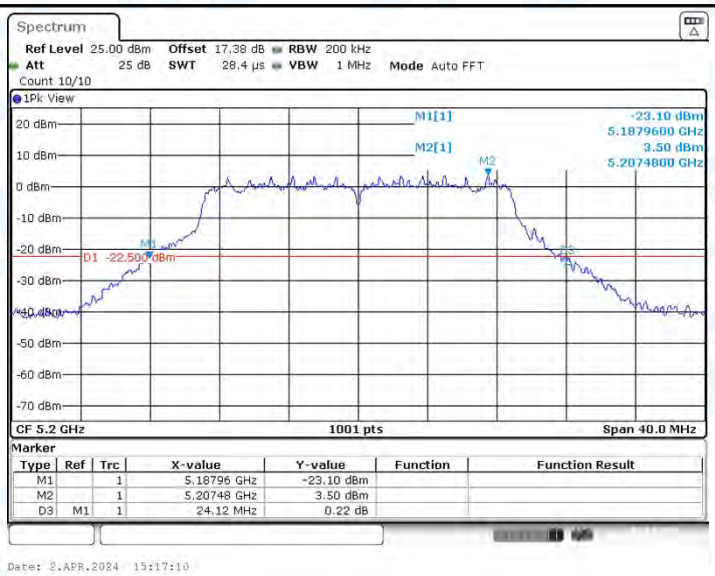

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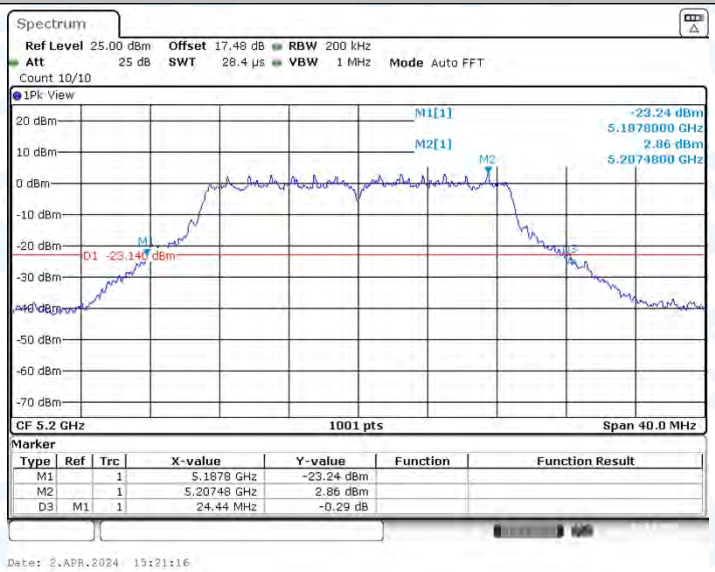

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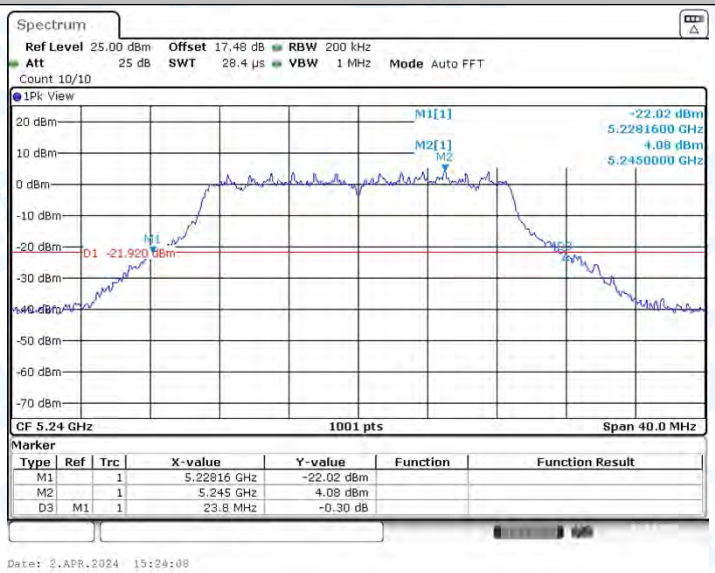

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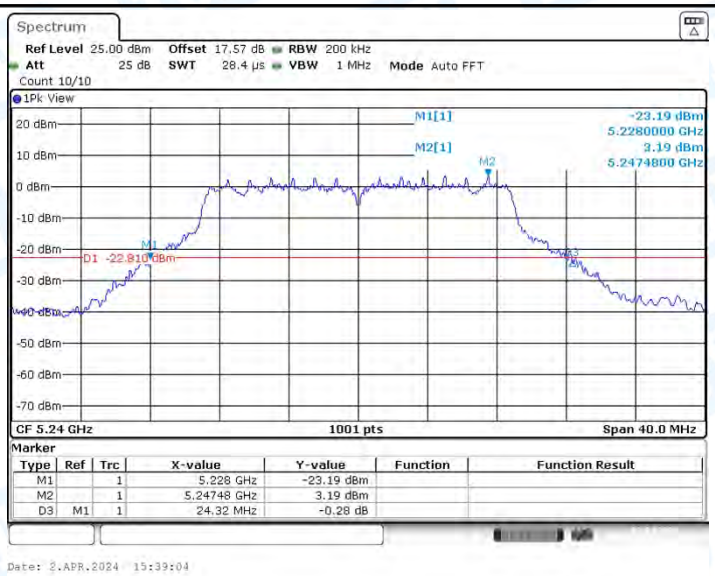

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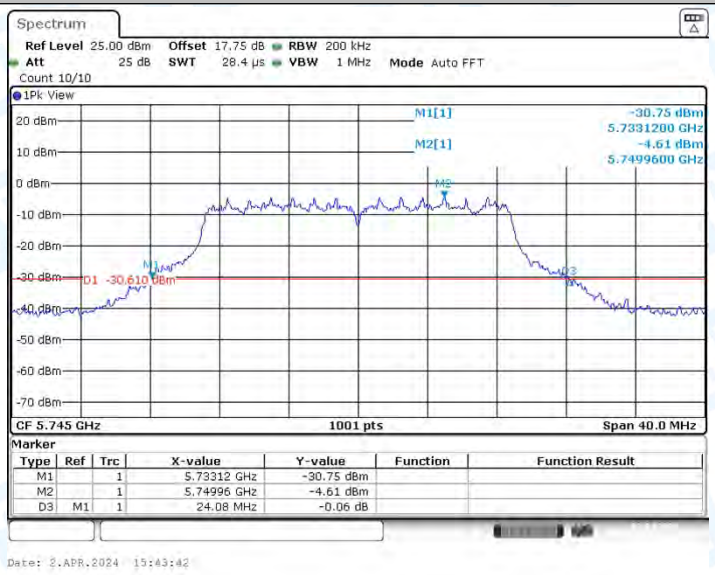

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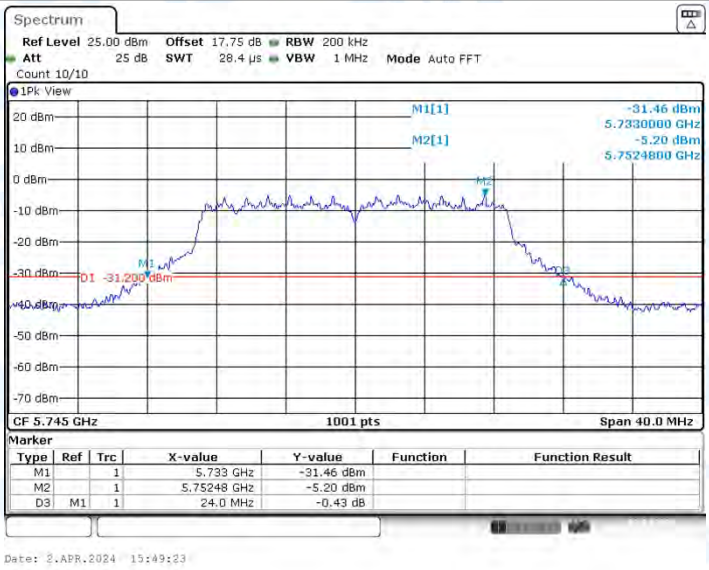

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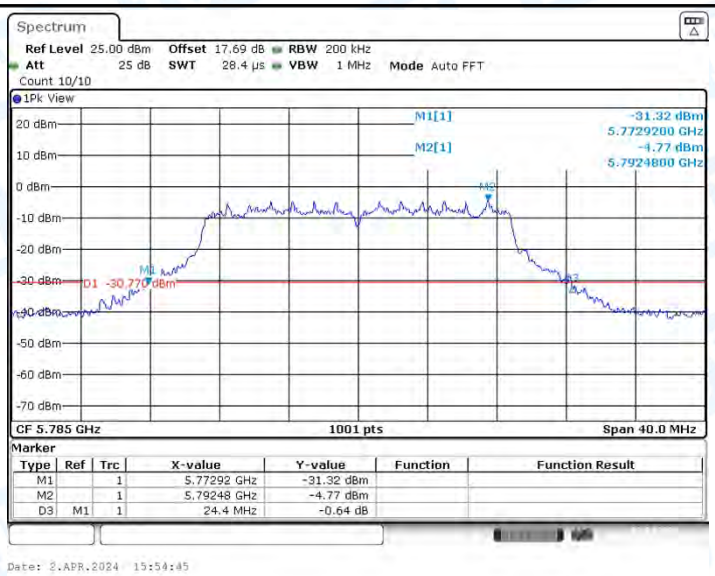

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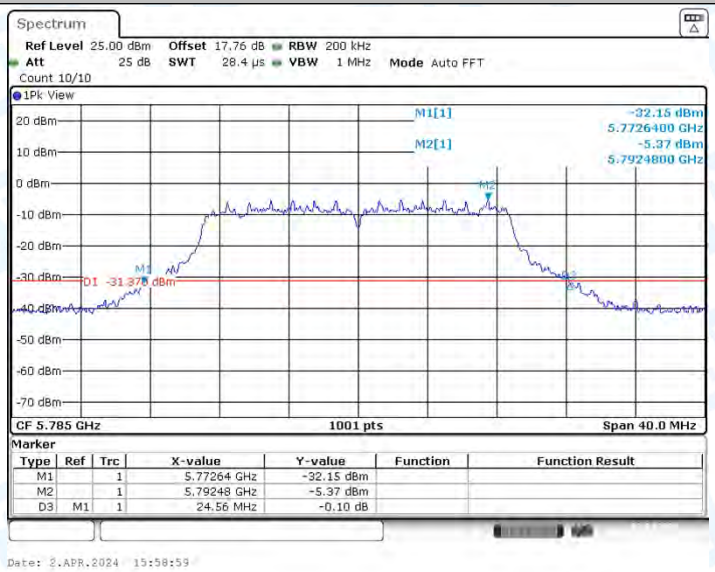

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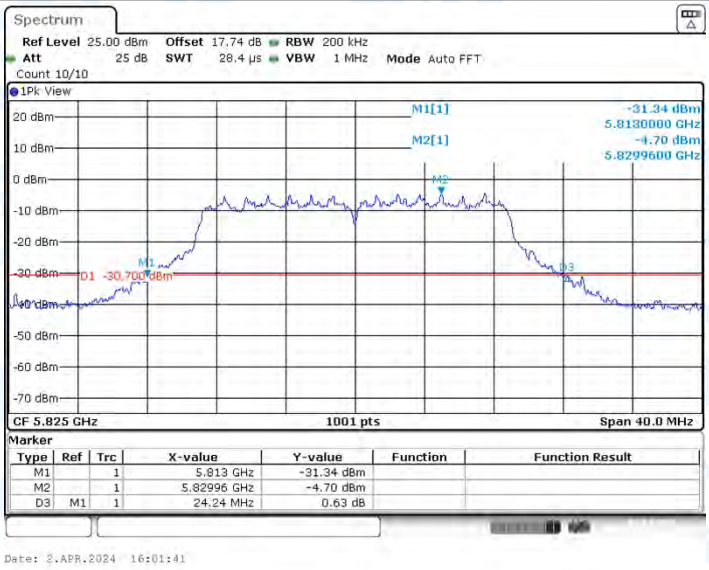

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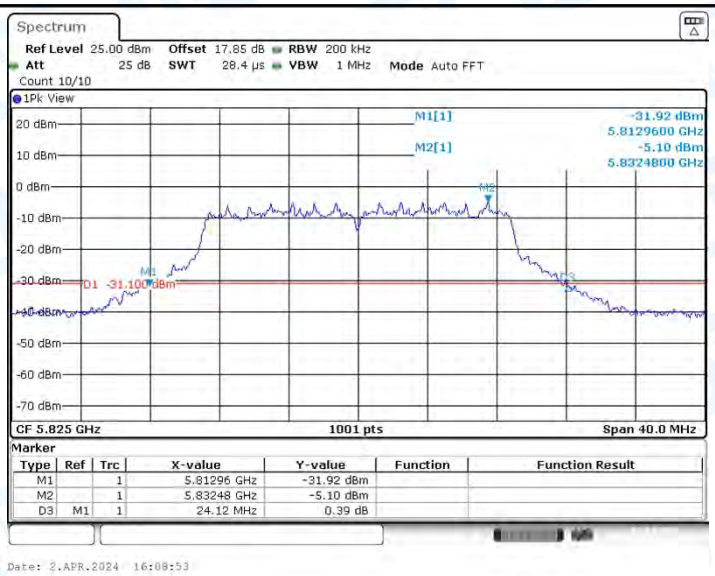

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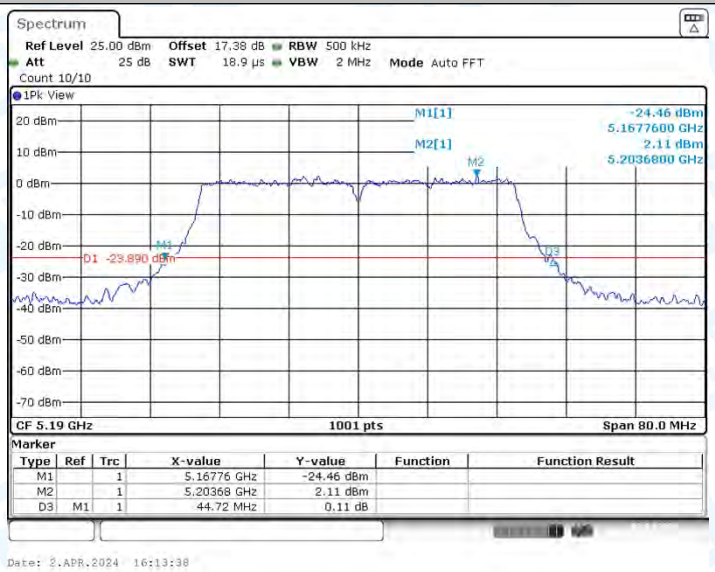

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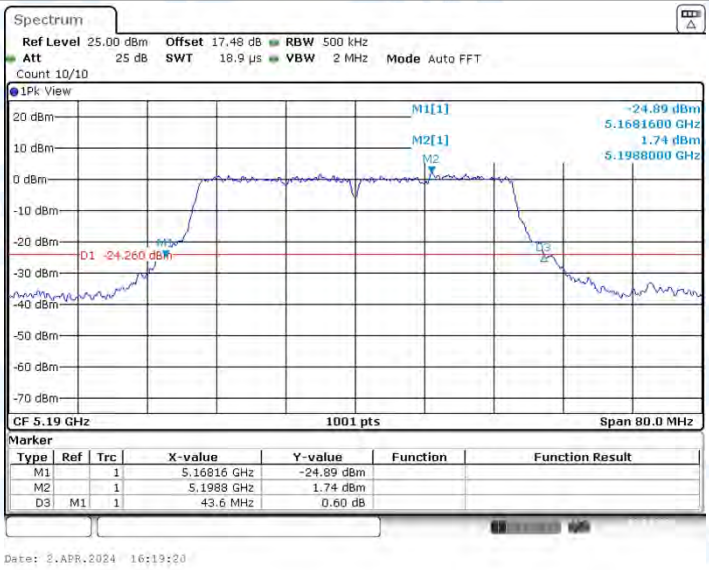

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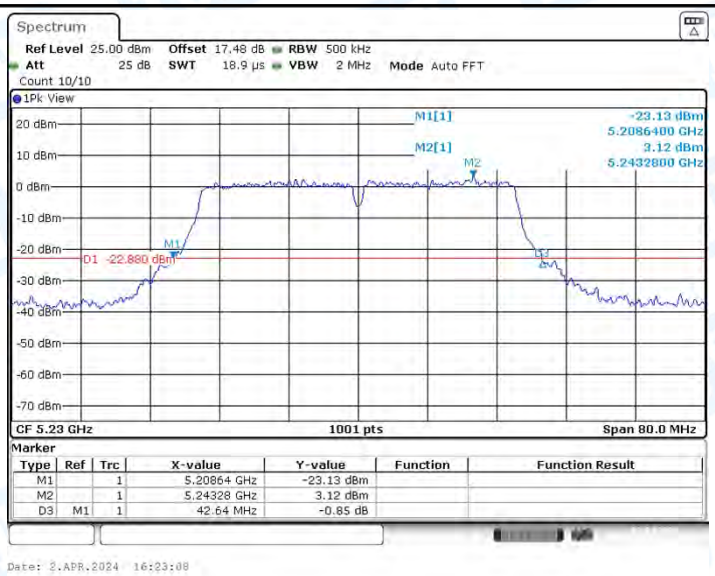

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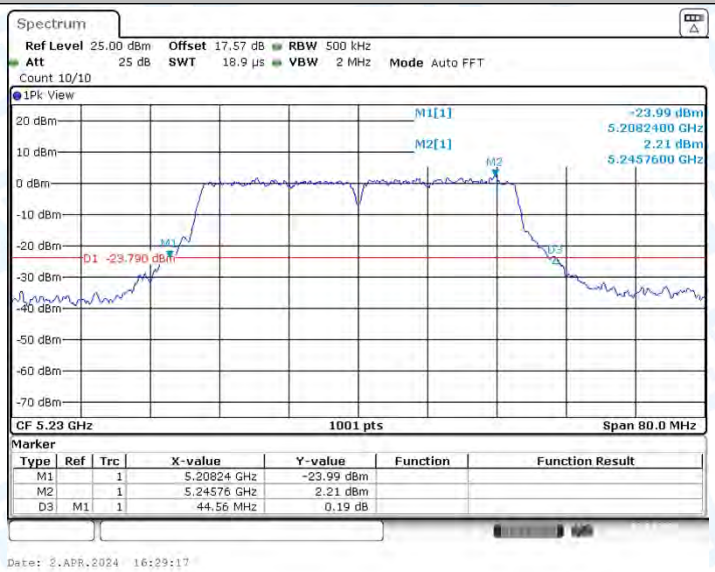

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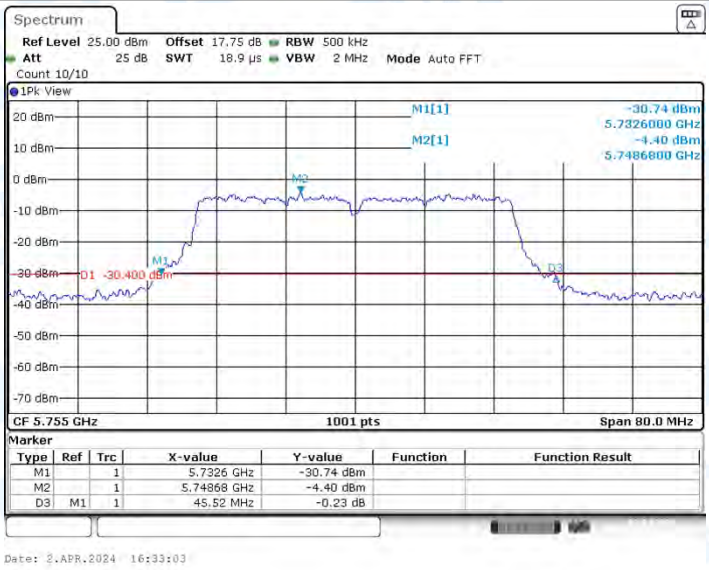

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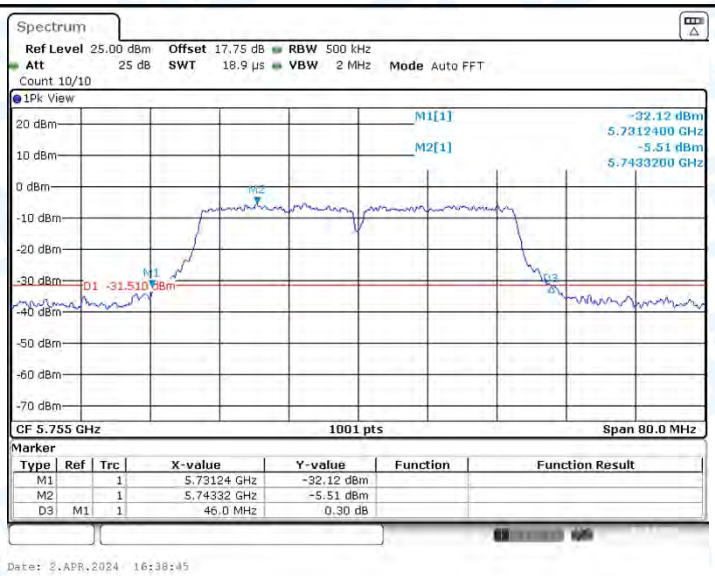

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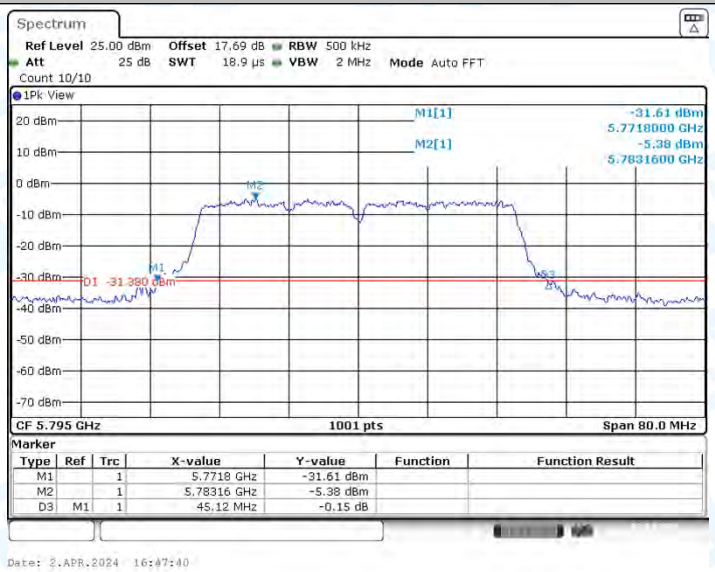

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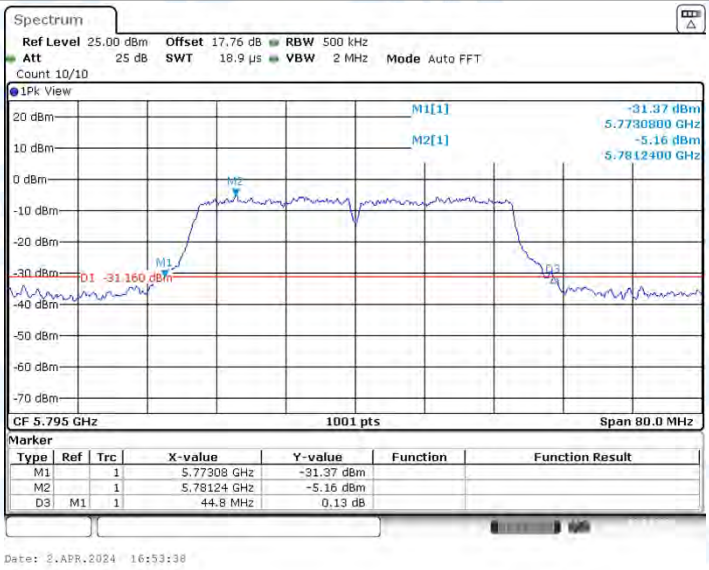

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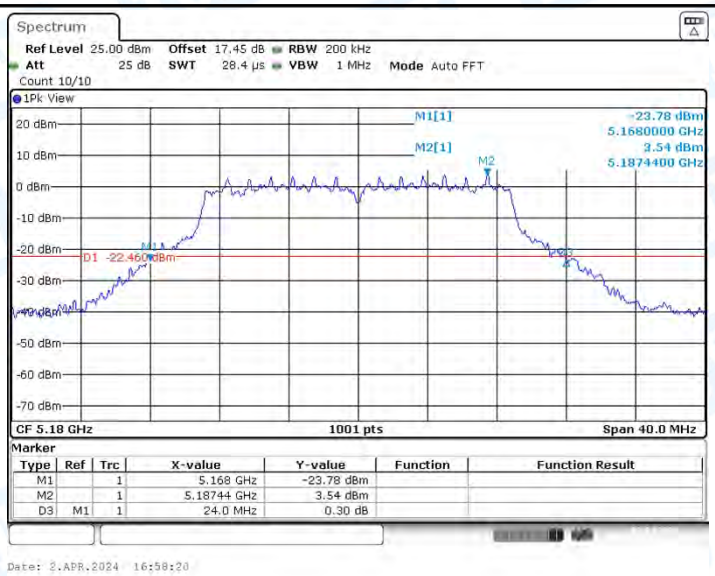

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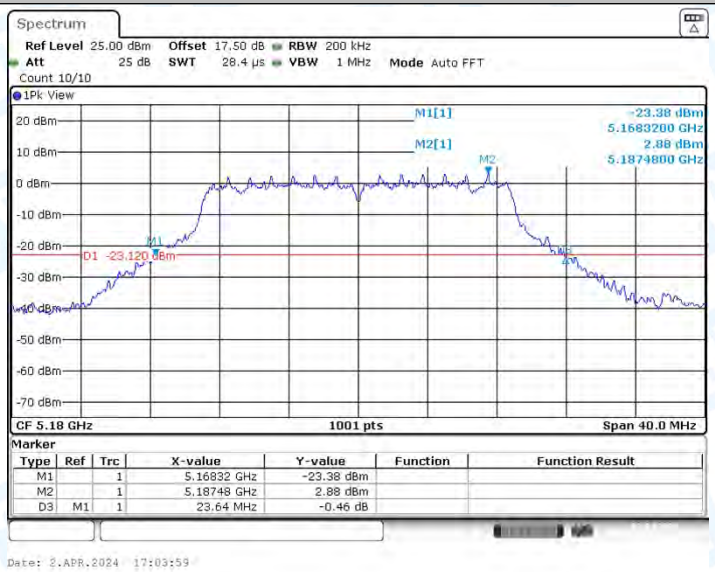

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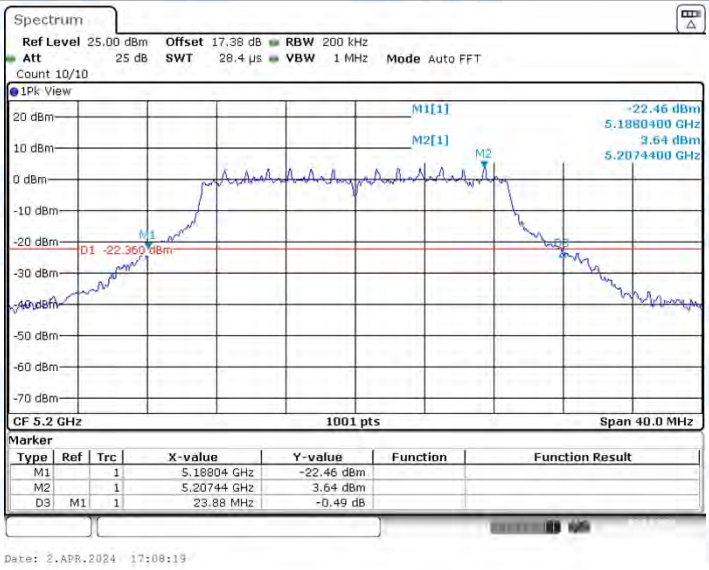

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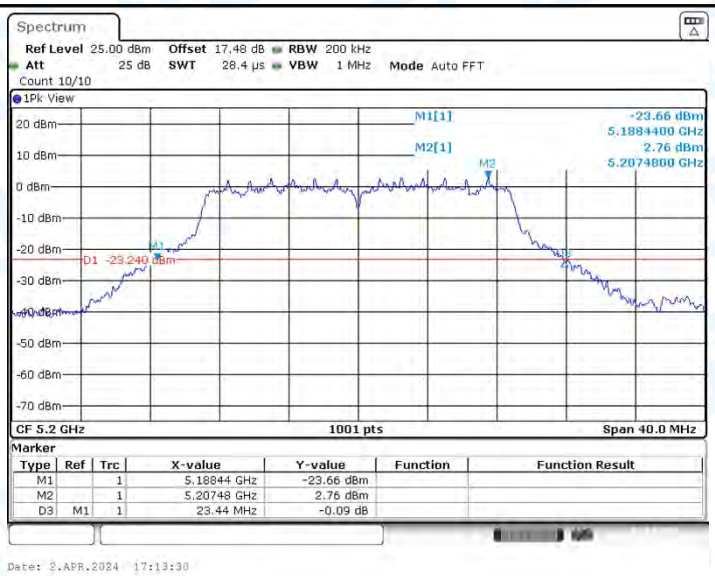
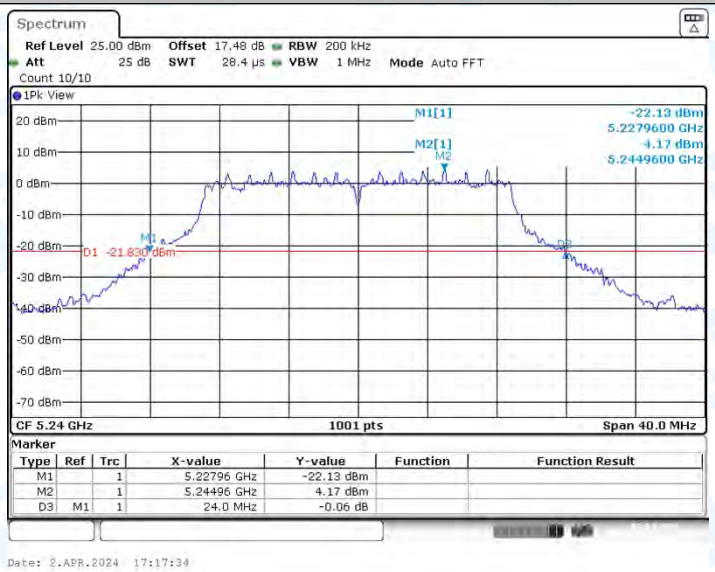
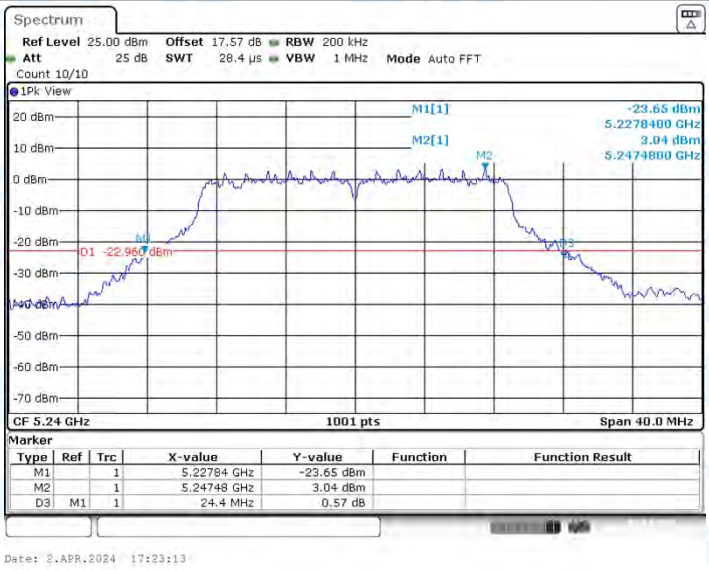


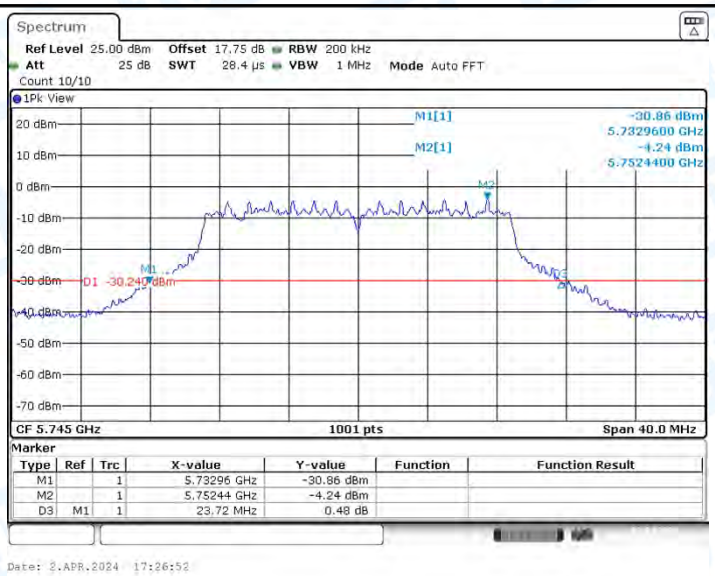
11AC20MIMO_Ant1_5240



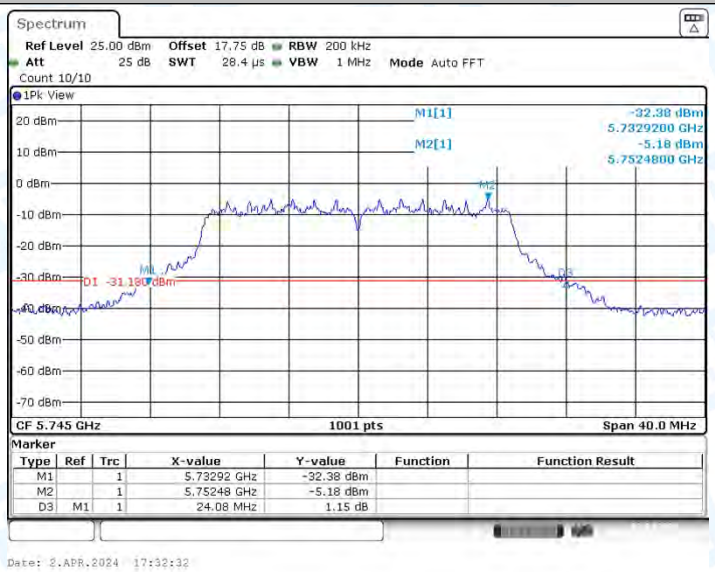
11AC20MIMO_Ant2_5240



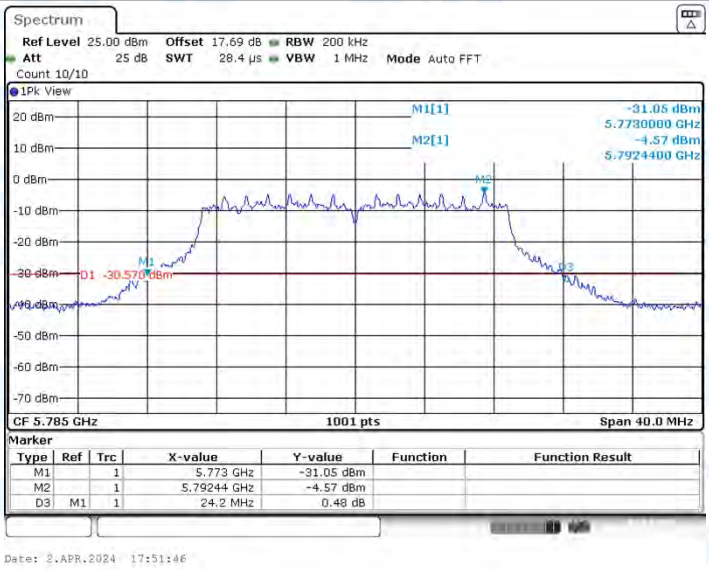
11AC20MIMO_Ant1_5745



11AC20MIMO_Ant2_5745



11AC20MIMO_Ant1_5785



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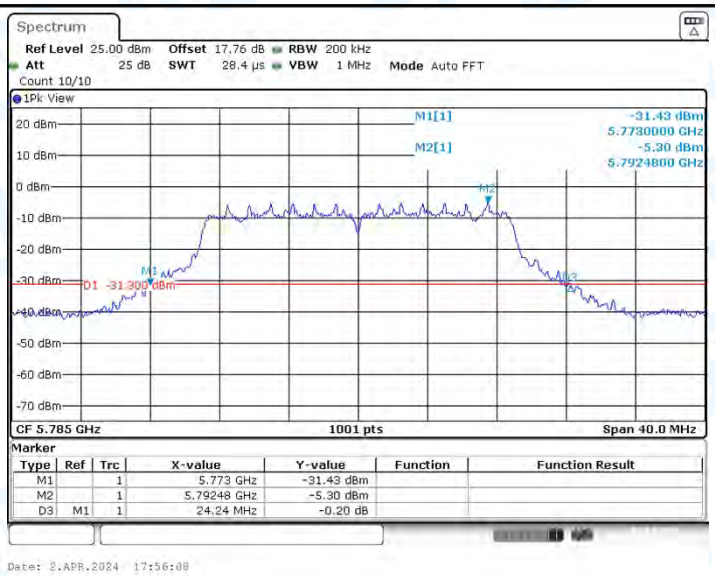
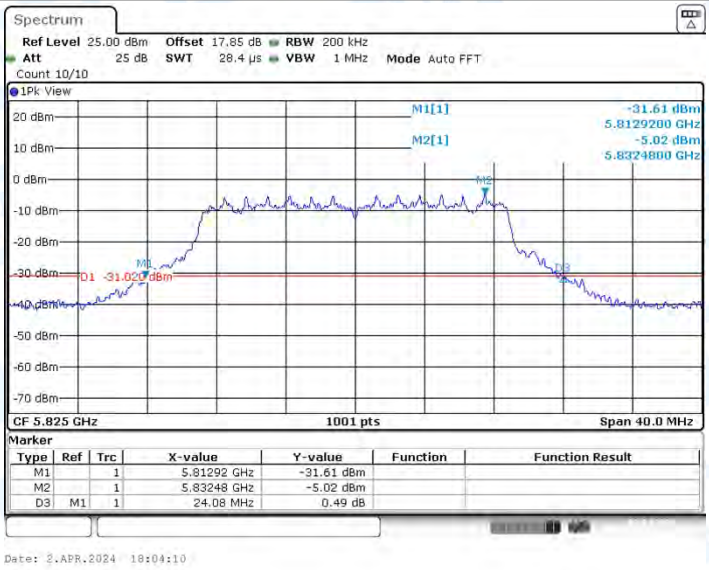
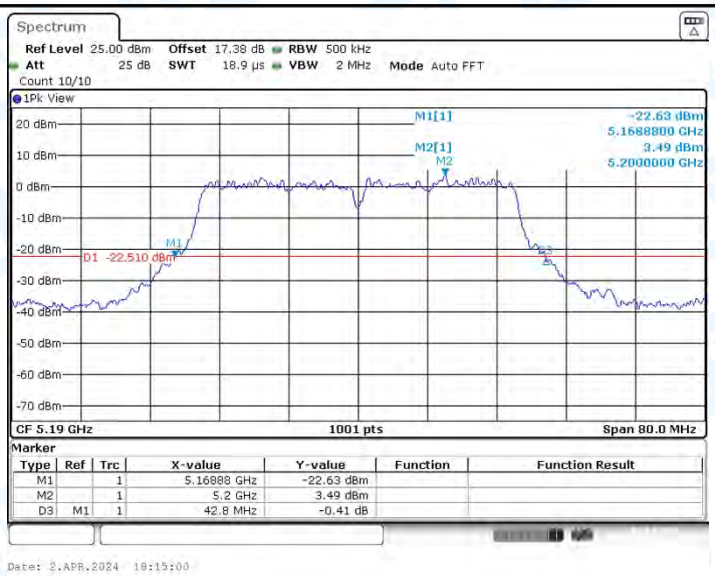


11AC20MIMO_Ant1_5825

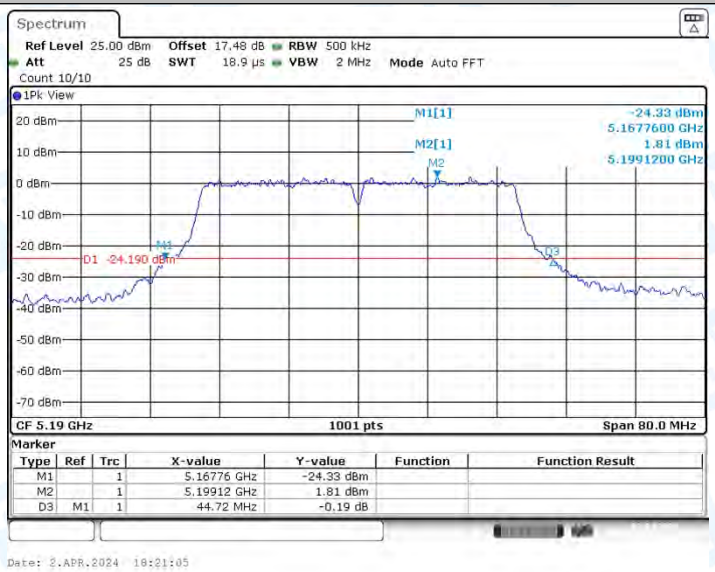
11AC20MIMO_Ant2_5825



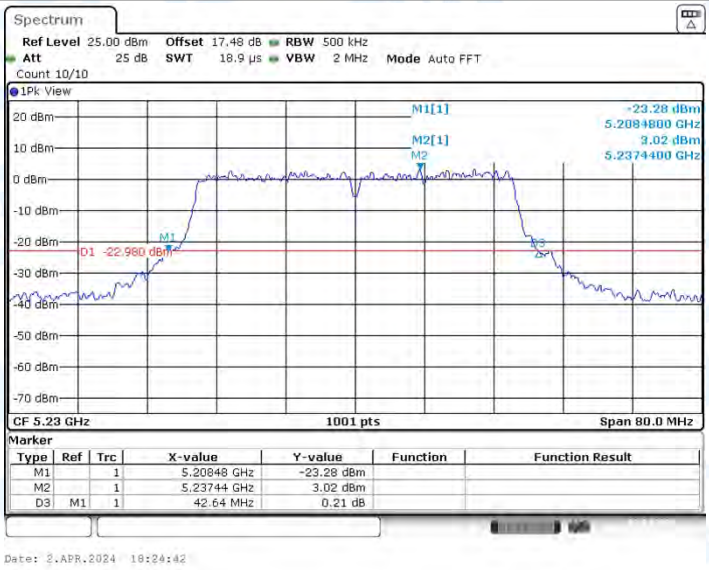
11AC40MIMO_Ant1_5190



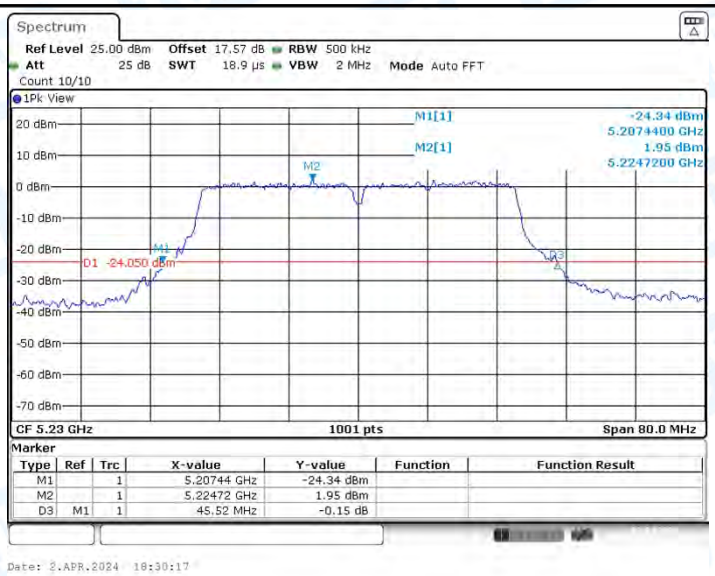
11AC40MIMO_Ant2_5190



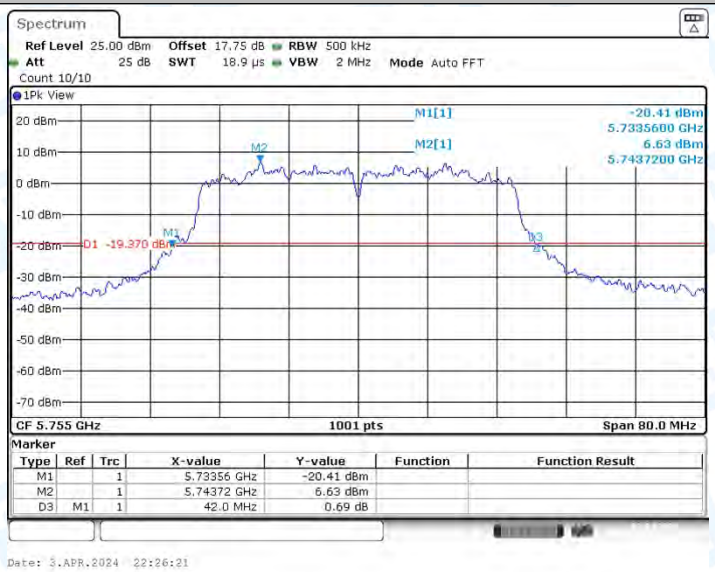
11AC40MIMO_Ant1_5230



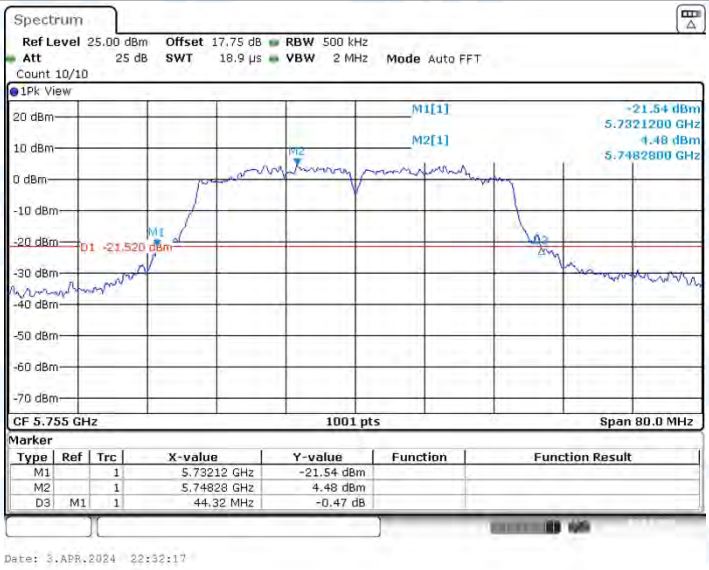
11AC40MIMO_Ant2_5230



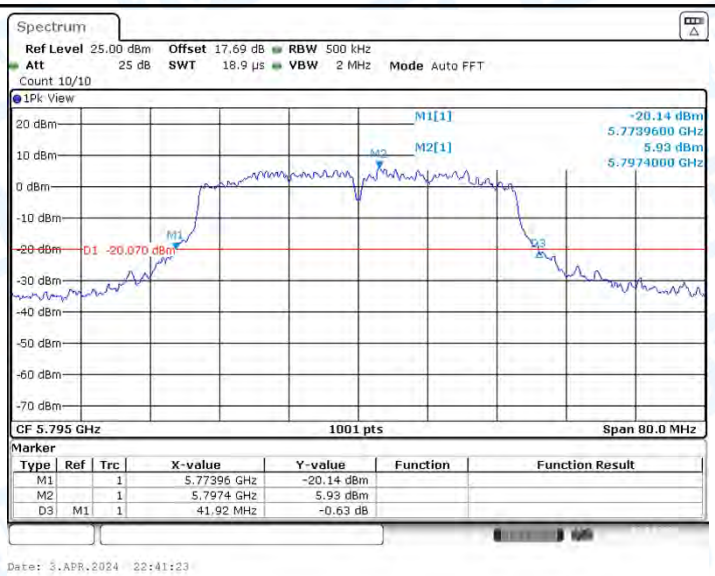
11AC40MIMO_Ant1_5755



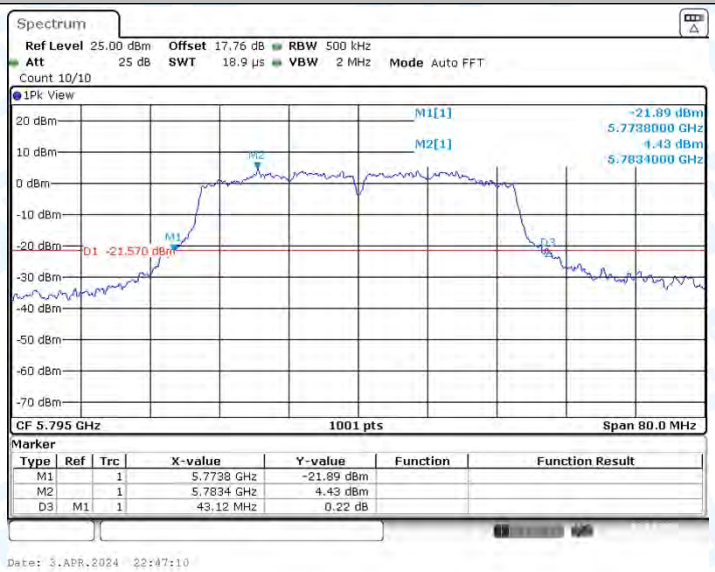
11AC40MIMO_Ant2_5755



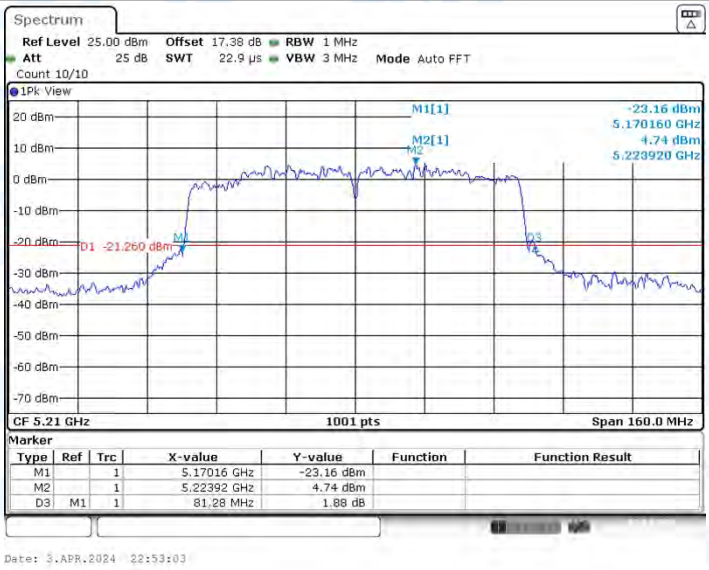
11AC40MIMO_Ant1_5795



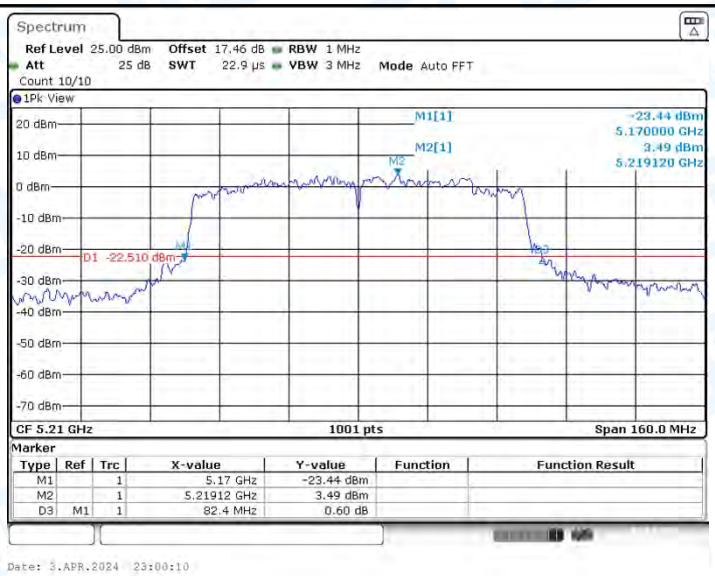
11AC40MIMO_Ant2_5795



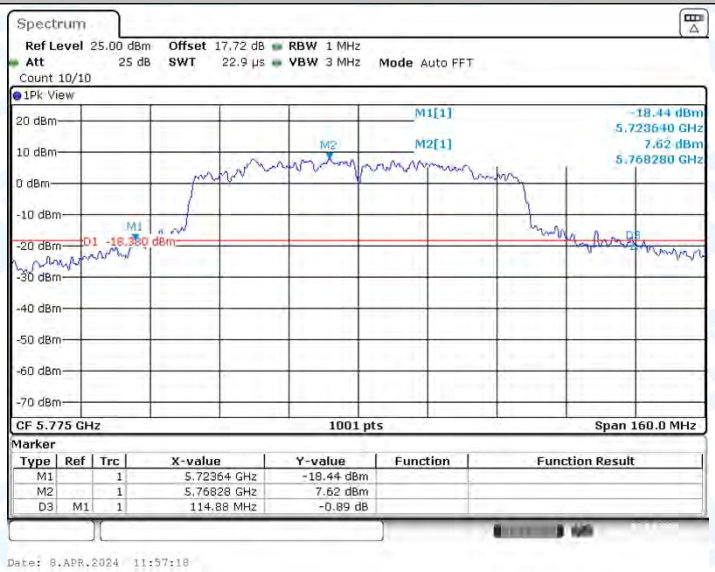
11AC80MIMO_Ant1_5210



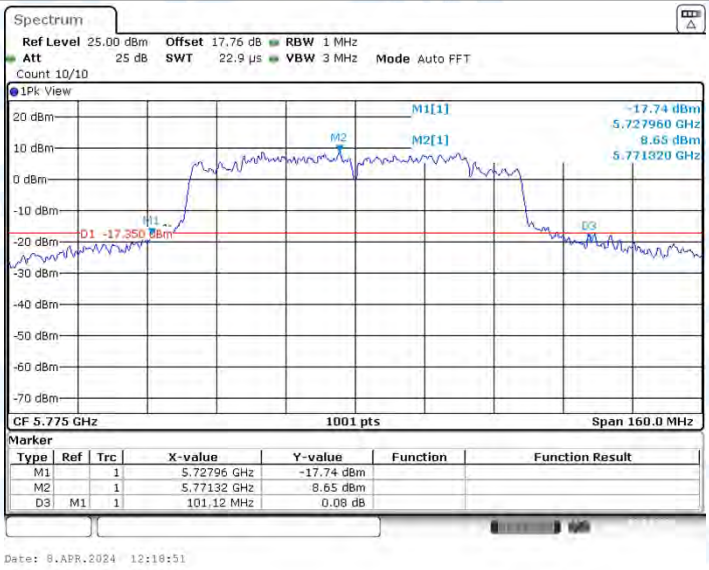
11AC80MIMO_Ant2_5210



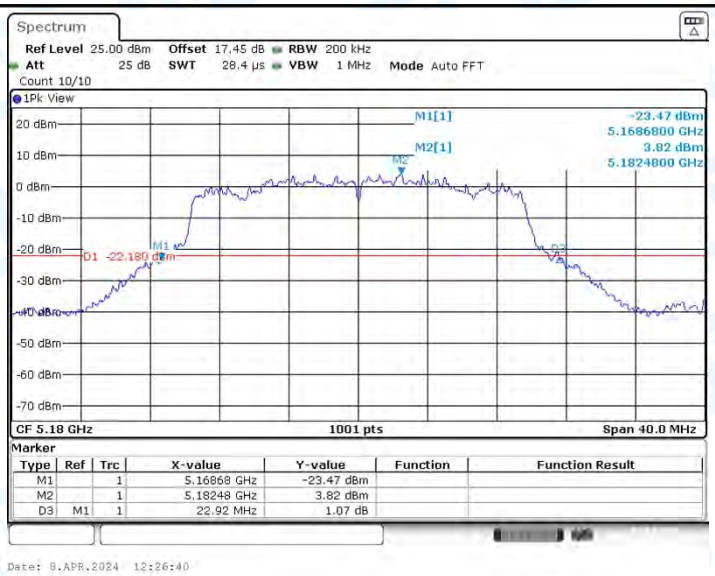
11AC80MIMO_Ant1_5775



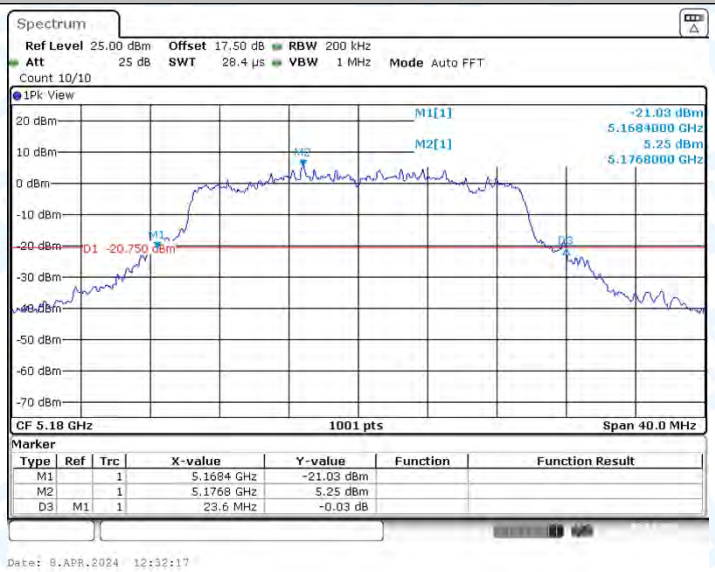
11AC80MIMO_Ant2_5775



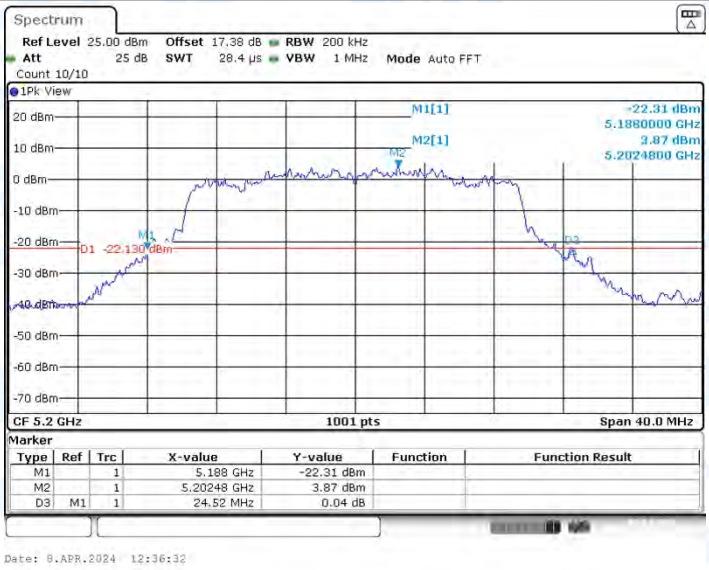
11AX20MIMO_Ant1_5180



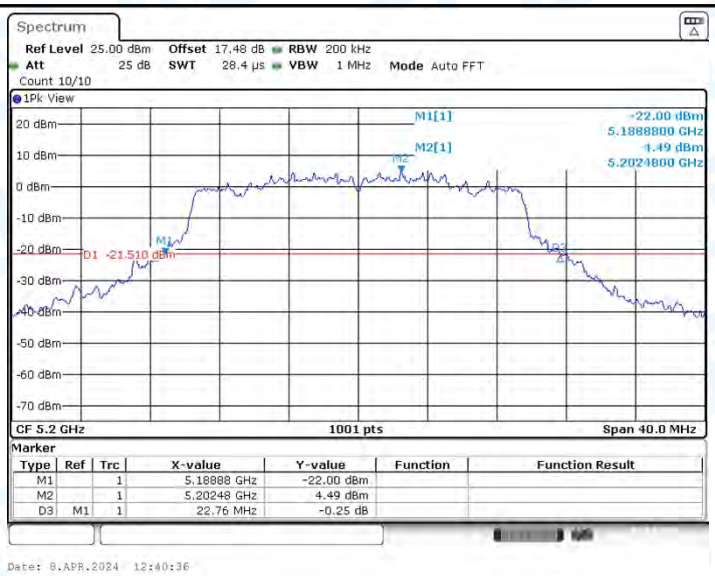
11AX20MIMO_Ant2_5180



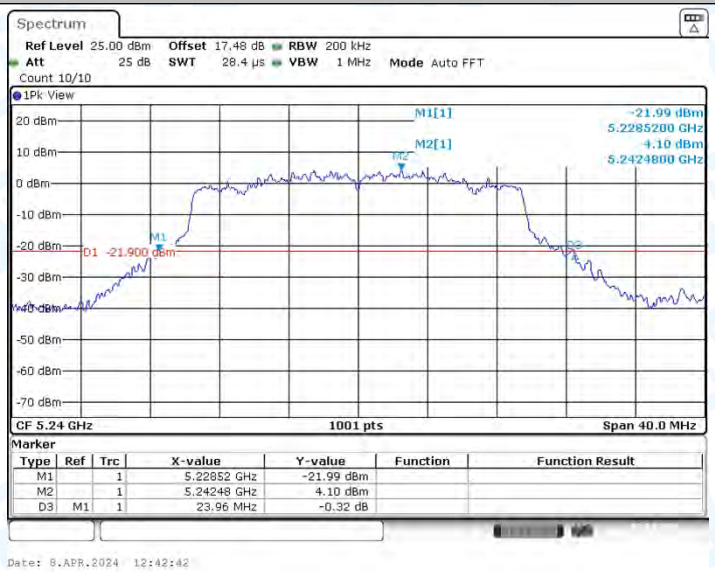
11AX20MIMO_Ant1_5200



11AX20MIMO_Ant2_5200

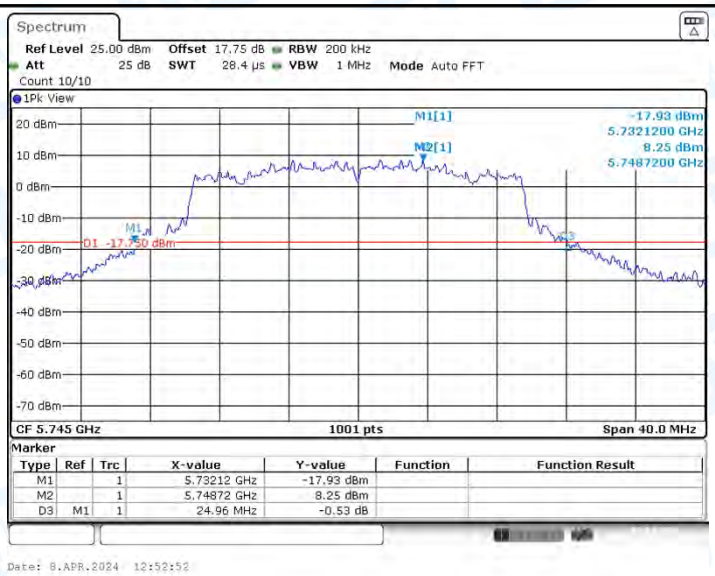


11AX20MIMO_Ant1_5240



11AX20MIMO_Ant2_5240

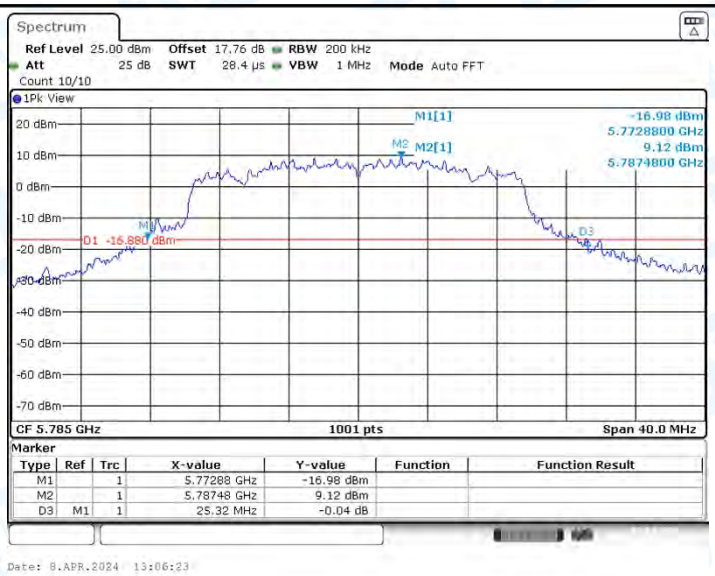
11AX20MIMO_Ant1_5745



11AX20MIMO_Ant2_5745

11AX20MIMO_Ant1_5785

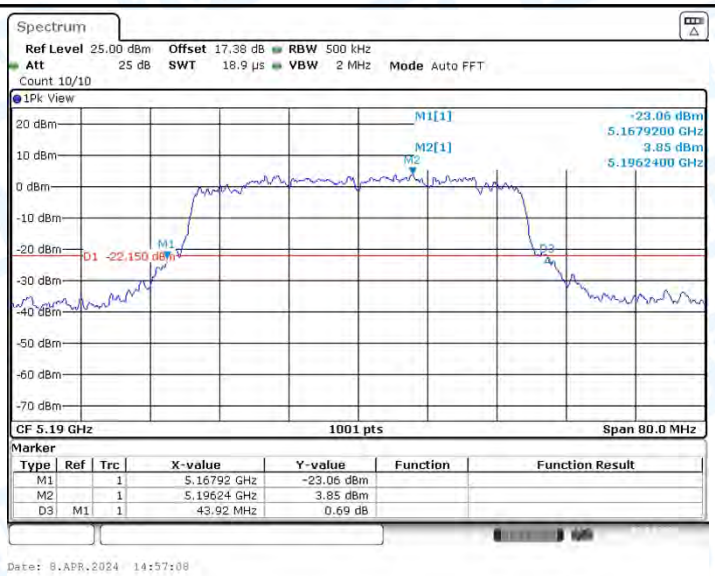
11AX20MIMO_Ant2_5785



11AX20MIMO_Ant1_5825

11AX20MIMO_Ant2_5825

11AX40MIMO_Ant1_5190



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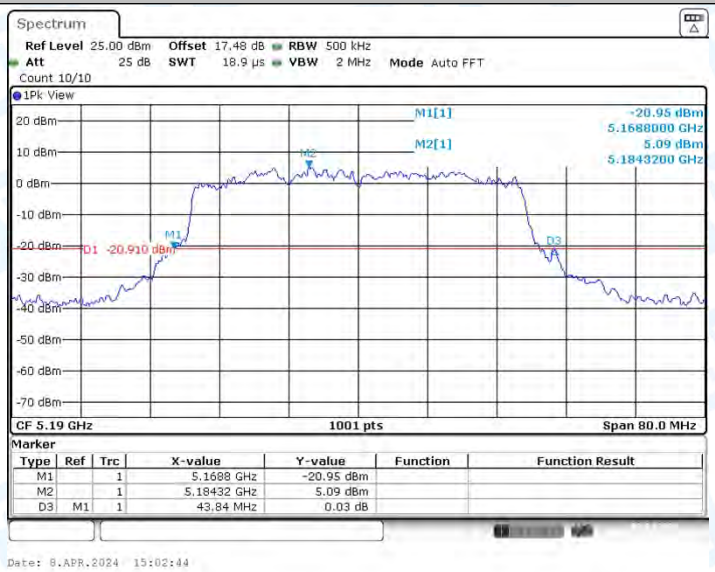
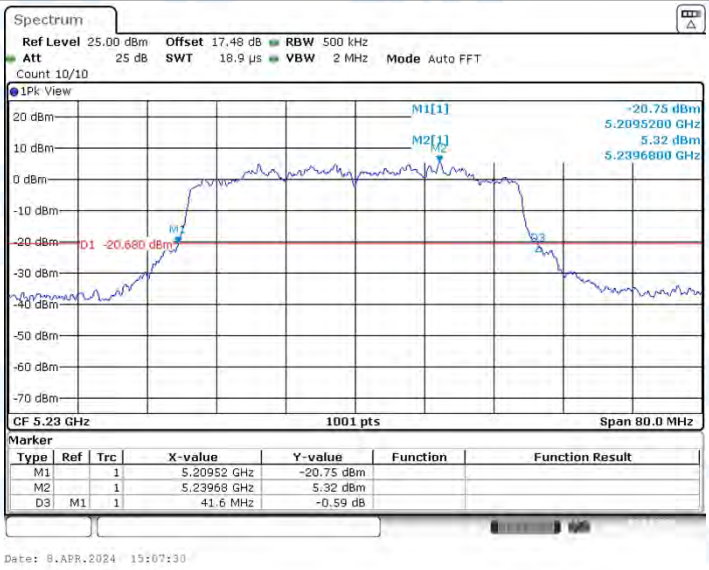
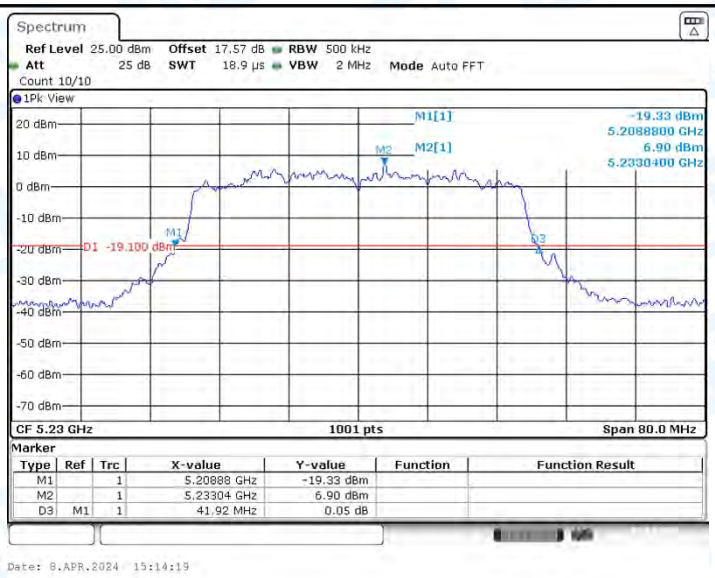


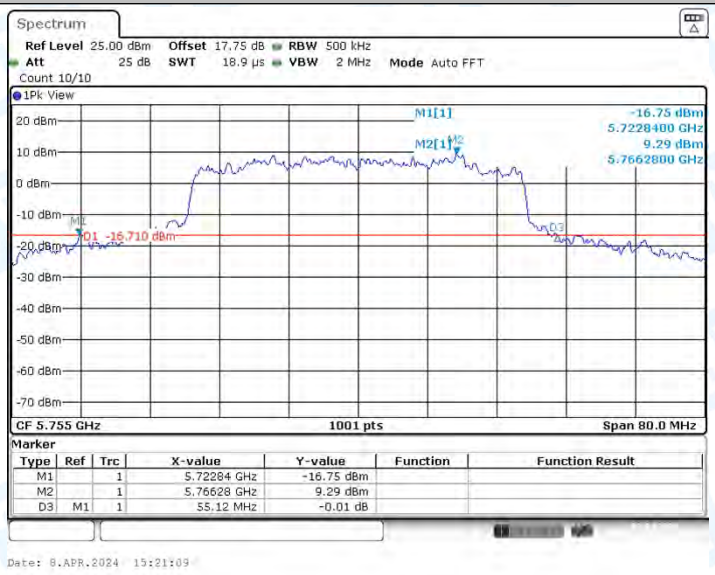
11AX40MIMO_Ant1_5230



11AX40MIMO_Ant2_5230



11AX40MIMO_Ant1_5755



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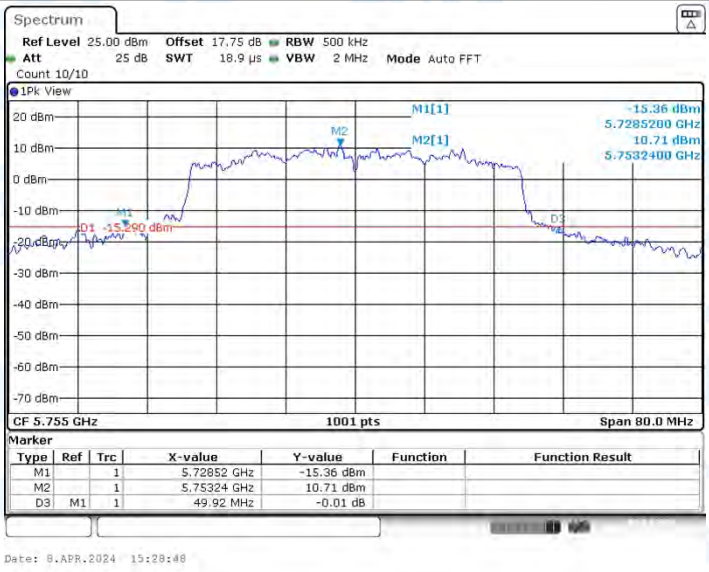
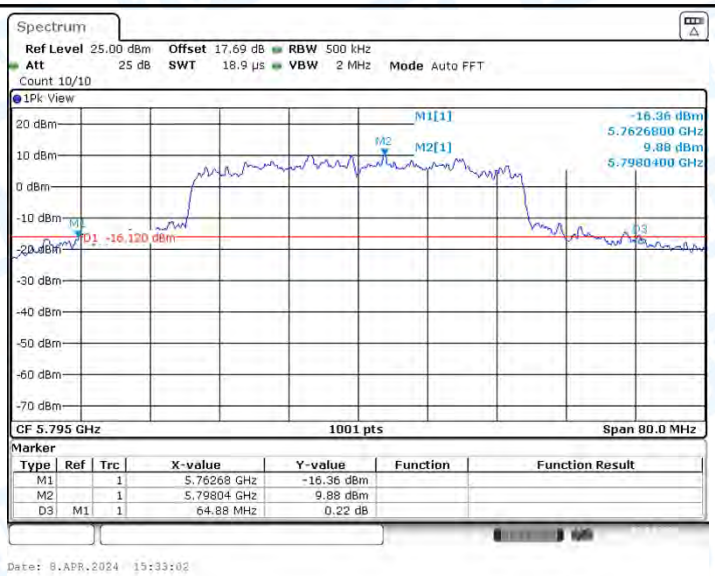
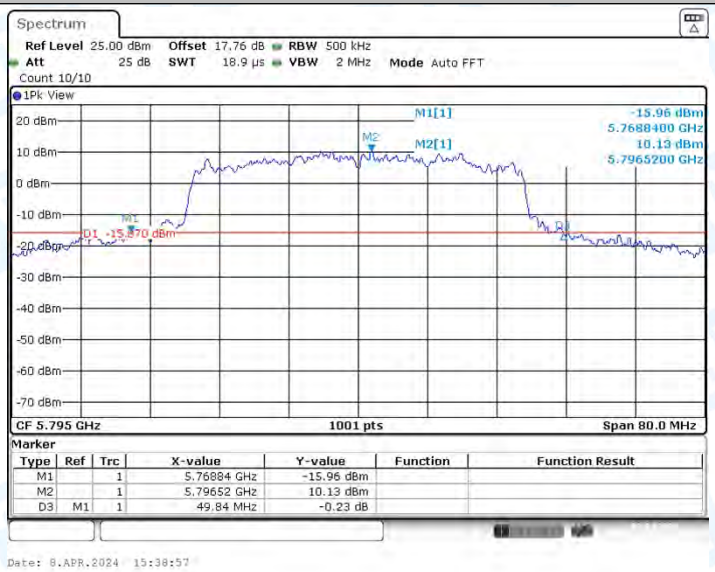


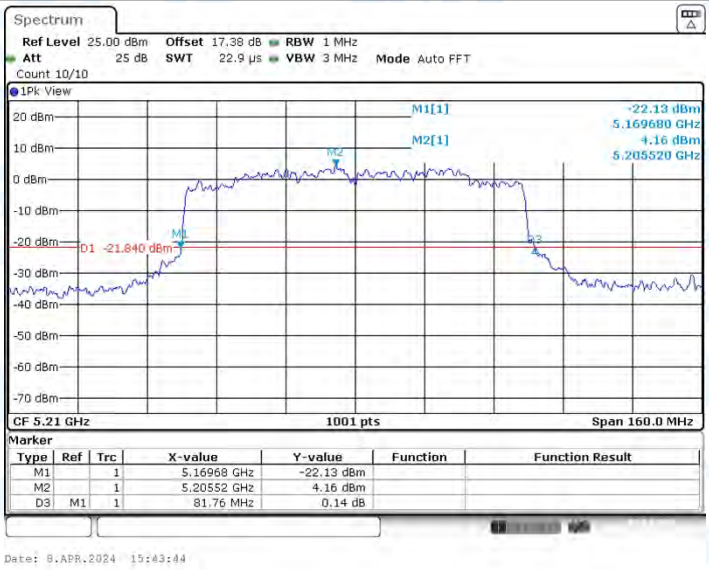
11AX40MIMO_Ant1_5795



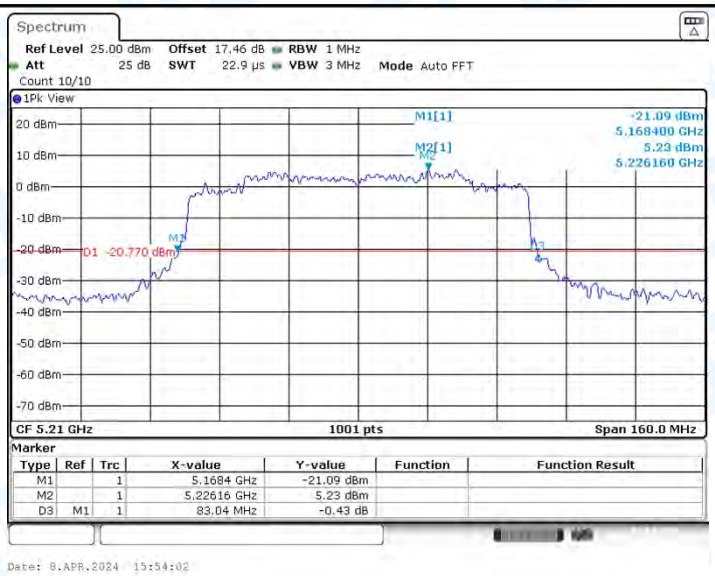
11AX40MIMO_Ant2_5795



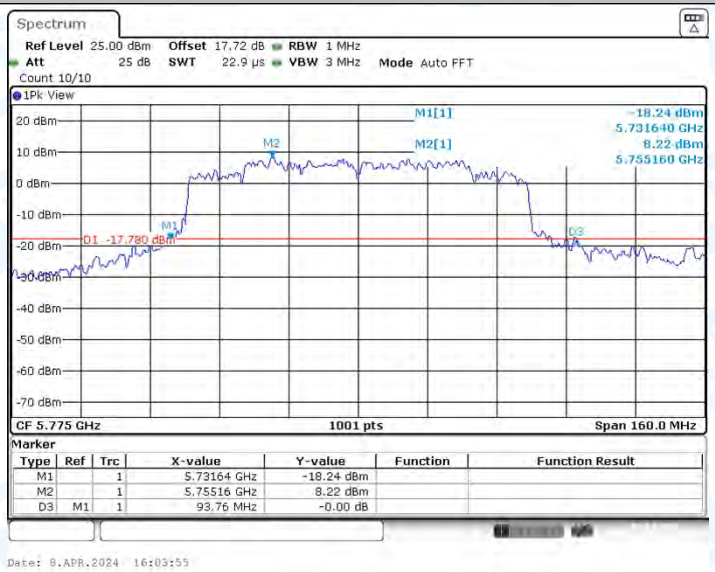
11AX80MIMO_Ant1_5210



11AX80MIMO_Ant2_5210



11AX80MIMO_Ant1_5775



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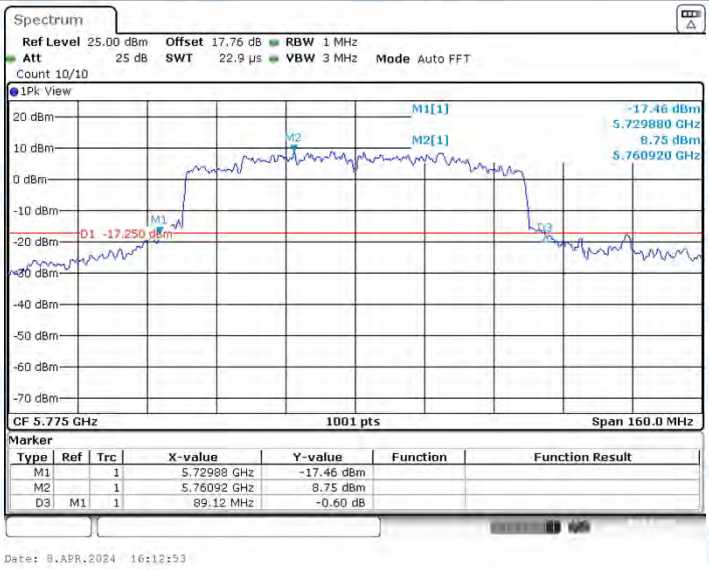


2. Occupied channel bandwidth

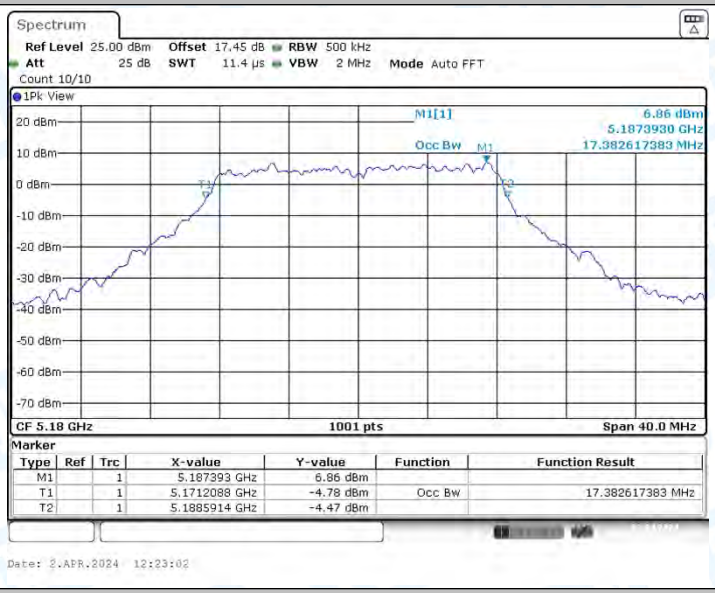
2.1.Test Result

Test Mode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.383	5171.2088	5188.5914	---	---
	Ant2	5180	17.782	5171.1289	5188.9111	---	---
	Ant1	5200	17.383	5191.4086	5208.7912	---	---
	Ant2	5200	17.463	5191.3287	5208.7912	---	---
	Ant1	5240	17.383	5231.3686	5248.7512	---	---
	Ant2	5240	17.702	5231.2887	5248.9910	---	---
	Ant1	5745	17.303	5736.3686	5753.6713	---	---
	Ant2	5745	17.542	5736.2488	5753.7912	---	---
	Ant1	5785	17.582	5776.2488	5793.8312	---	---
	Ant2	5785	17.582	5776.2088	5793.7912	---	---
	Ant1	5825	17.502	5816.2088	5833.7113	---	---
	Ant2	5825	17.463	5816.3686	5833.8312	---	---
11N20MIMO	Ant1	5180	18.462	5170.8092	5189.2707	---	---
	Ant2	5180	18.462	5170.7293	5189.1908	---	---
	Ant1	5200	18.541	5190.8492	5209.3906	---	---
	Ant2	5200	18.422	5190.8092	5209.2308	---	---
	Ant1	5240	18.462	5230.6893	5249.1508	---	---
	Ant2	5240	18.382	5230.8891	5249.2707	---	---
	Ant1	5745	18.741	5735.5295	5754.2707	---	---
	Ant2	5745	18.741	5735.6094	5754.3506	---	---
	Ant1	5785	18.621	5775.6893	5794.3107	---	---
	Ant2	5785	18.661	5775.6094	5794.2707	---	---
	Ant1	5825	18.382	5815.8092	5834.1908	---	---
	Ant2	5825	18.422	5815.8092	5834.2308	---	---
11N40MIMO	Ant1	5190	36.364	5171.7782	5208.1419	---	---
	Ant2	5190	36.763	5171.7782	5208.5415	---	---
	Ant1	5230	36.763	5211.6184	5248.3816	---	---
	Ant2	5230	36.763	5211.6983	5248.4615	---	---
	Ant1	5755	36.923	5736.5385	5773.4615	---	---
	Ant2	5755	37.083	5736.3786	5773.4615	---	---
	Ant1	5795	36.523	5776.6983	5813.2218	---	---
	Ant2	5795	36.843	5776.4585	5813.3017	---	---
11AC20MIMO	Ant1	5180	18.541	5170.8492	5189.3906	---	---
	Ant2	5180	18.422	5170.8092	5189.2308	---	---
	Ant1	5200	18.302	5190.8092	5209.1109	---	---
	Ant2	5200	18.182	5190.9690	5209.1508	---	---
	Ant1	5240	18.142	5230.8891	5249.0310	---	---
	Ant2	5240	18.541	5230.6494	5249.1908	---	---
	Ant1	5745	18.222	5735.8891	5754.1109	---	---
	Ant2	5745	18.541	5735.7293	5754.2707	---	---

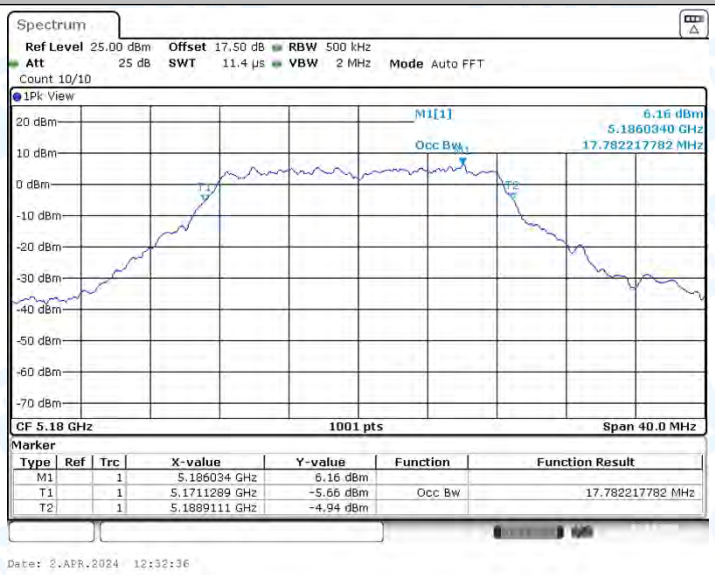
	Ant1	5785	18.382	5775.8492	5794.2308	---	---
	Ant2	5785	18.541	5775.6494	5794.1908	---	---
	Ant1	5825	18.382	5815.8891	5834.2707	---	---
	Ant2	5825	18.661	5815.6094	5834.2707	---	---
11AC40MIMO	Ant1	5190	36.523	5171.7782	5208.3017	---	---
	Ant2	5190	37.003	5171.3786	5208.3816	---	---
	Ant1	5230	36.603	5211.6983	5248.3017	---	---
	Ant2	5230	36.843	5211.5385	5248.3816	---	---
	Ant1	5755	36.284	5736.7782	5773.0619	---	---
	Ant2	5755	36.124	5736.8581	5772.9820	---	---
	Ant1	5795	36.284	5776.7782	5813.0619	---	---
	Ant2	5795	36.204	5776.8581	5813.0619	---	---
11AC80MIMO	Ant1	5210	75.125	5172.5974	5247.7223	---	---
	Ant2	5210	75.604	5172.2777	5247.8821	---	---
	Ant1	5775	76.244	5736.7982	5813.0420	---	---
	Ant2	5775	75.764	5737.1179	5812.8821	---	---
11AX20MIMO	Ant1	5180	19.021	5170.5295	5189.5504	---	---
	Ant2	5180	19.021	5170.4895	5189.5105	---	---
	Ant1	5200	19.221	5190.4096	5209.6304	---	---
	Ant2	5200	18.981	5190.4895	5209.4705	---	---
	Ant1	5240	19.061	5230.5694	5249.6304	---	---
	Ant2	5240	19.061	5230.4496	5249.5105	---	---
	Ant1	5745	19.181	5735.2897	5754.4705	---	---
	Ant2	5745	19.061	5735.4096	5754.4705	---	---
	Ant1	5785	19.341	5775.2897	5794.6304	---	---
	Ant2	5785	19.101	5775.4496	5794.5504	---	---
	Ant1	5825	19.301	5815.3696	5834.6703	---	---
	Ant2	5825	19.181	5815.4096	5834.5904	---	---
11AX40MIMO	Ant1	5190	37.882	5171.1389	5209.0210	---	---
	Ant2	5190	37.642	5171.1389	5208.7812	---	---
	Ant1	5230	37.562	5211.2188	5248.7812	---	---
	Ant2	5230	37.722	5211.0589	5248.7812	---	---
	Ant1	5755	38.042	5735.8991	5773.9411	---	---
	Ant2	5755	38.042	5735.8991	5773.9411	---	---
	Ant1	5795	38.442	5775.7393	5814.1808	---	---
	Ant2	5795	38.122	5775.8991	5814.0210	---	---
11AX80MIMO	Ant1	5210	76.723	5171.7982	5248.5215	---	---
	Ant2	5210	76.883	5171.7982	5248.6813	---	---
	Ant1	5775	77.522	5735.9990	5813.5215	---	---
	Ant2	5775	77.682	5735.9990	5813.6813	---	---

2.2.Test Graphs

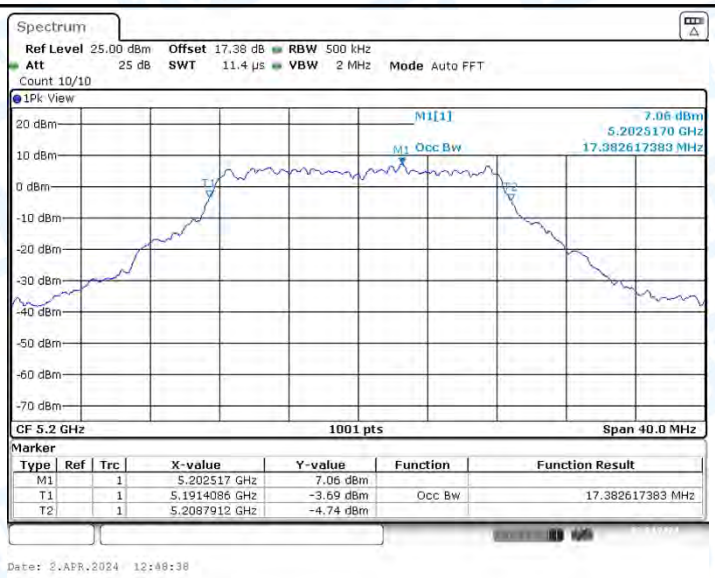
11A-CDD_Ant1_5180



11A-CDD_Ant2_5180



11A-CDD_Ant1_5200



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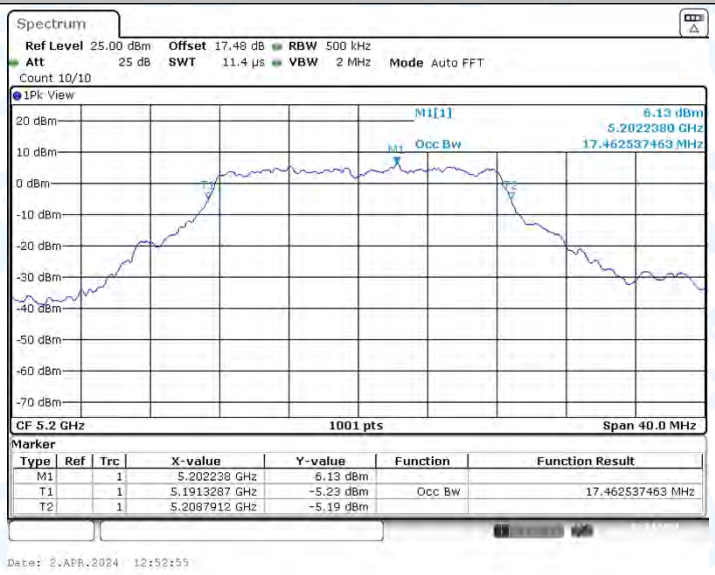
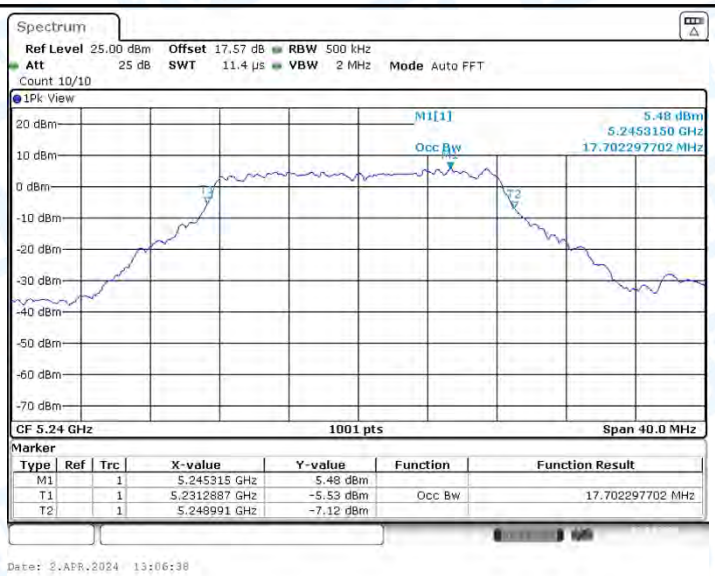


11A-CDD_Ant1_5240

11A-CDD_Ant2_5240



11A-CDD_Ant1_5745

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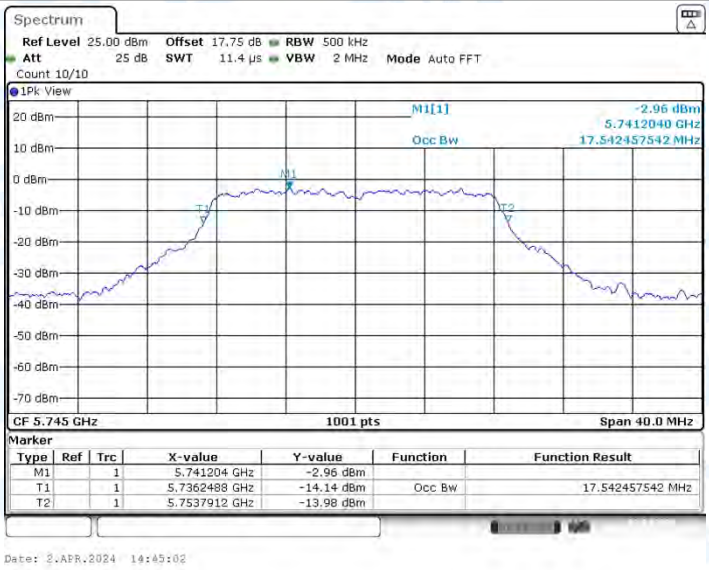

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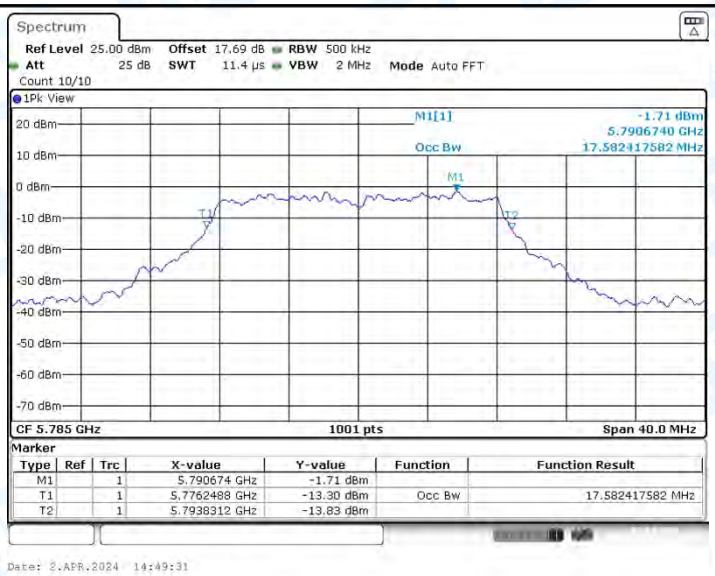
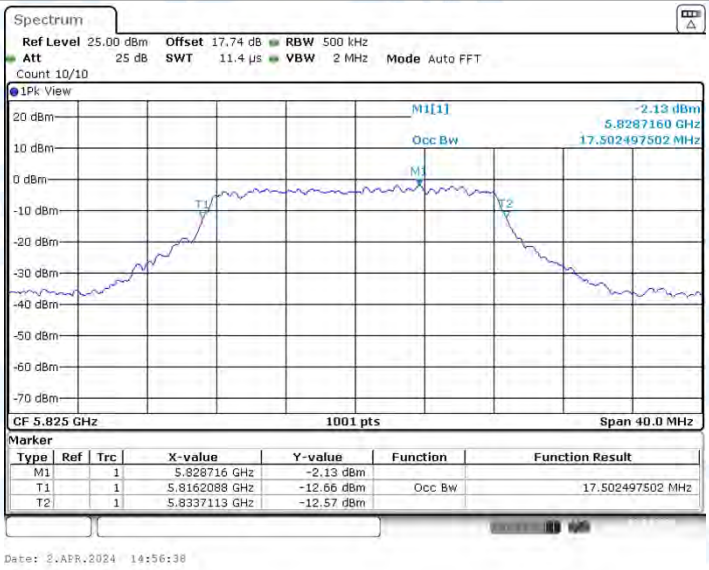


11A-CDD_Ant2_5785

11A-CDD_Ant1_5825



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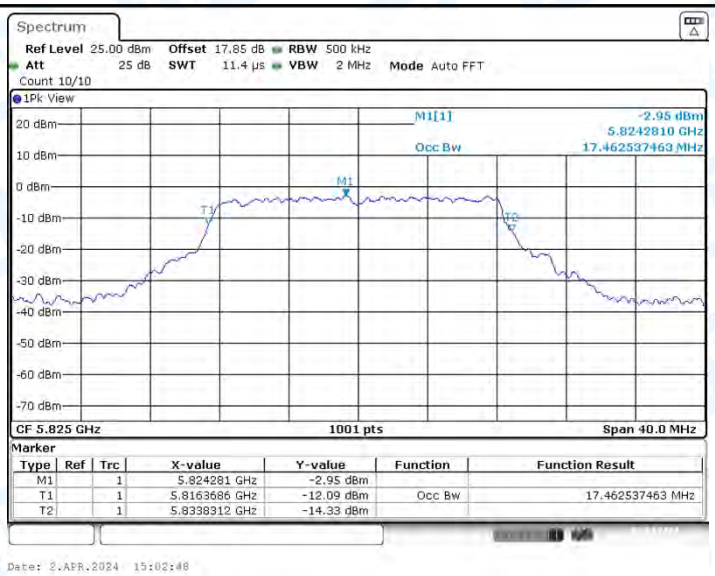
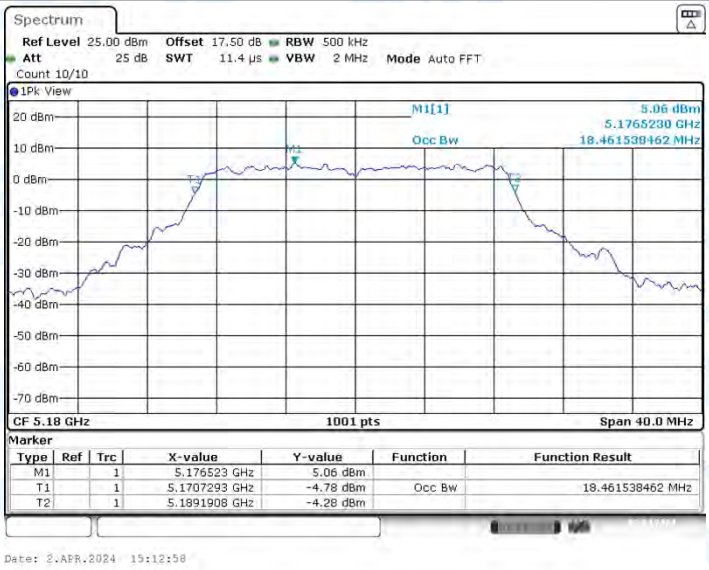


11N20MIMO_Ant1_5180

11N20MIMO_Ant2_5180



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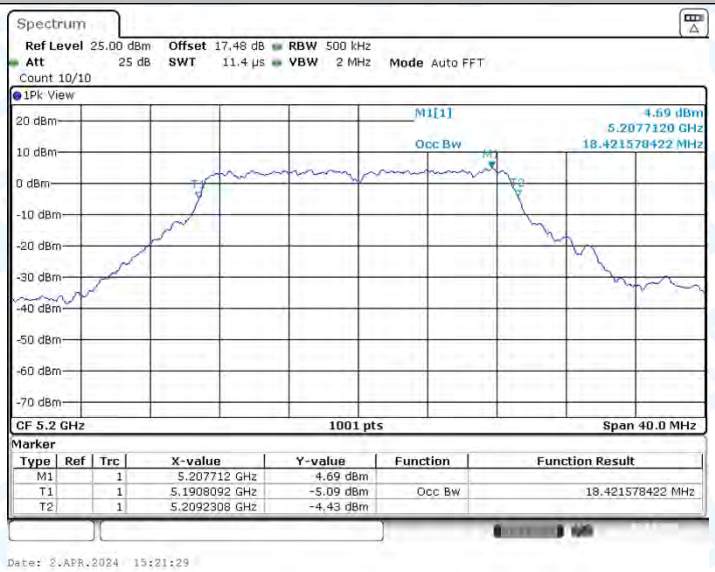
11N20MIMO_Ant2_5200



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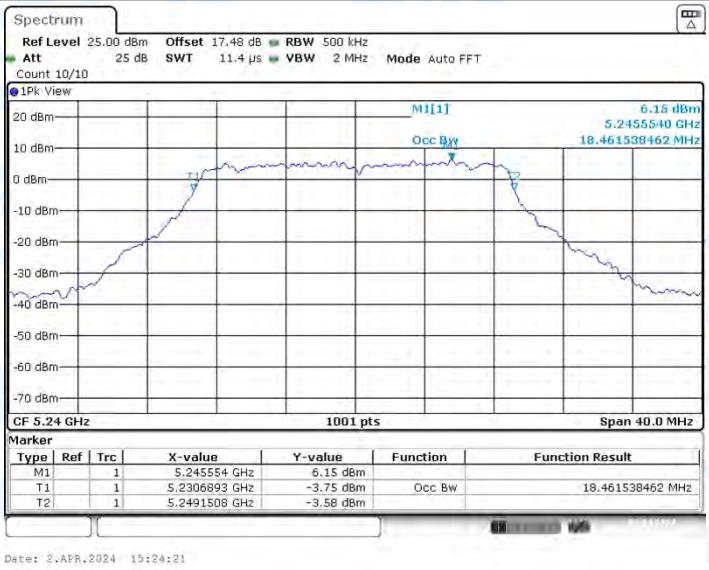

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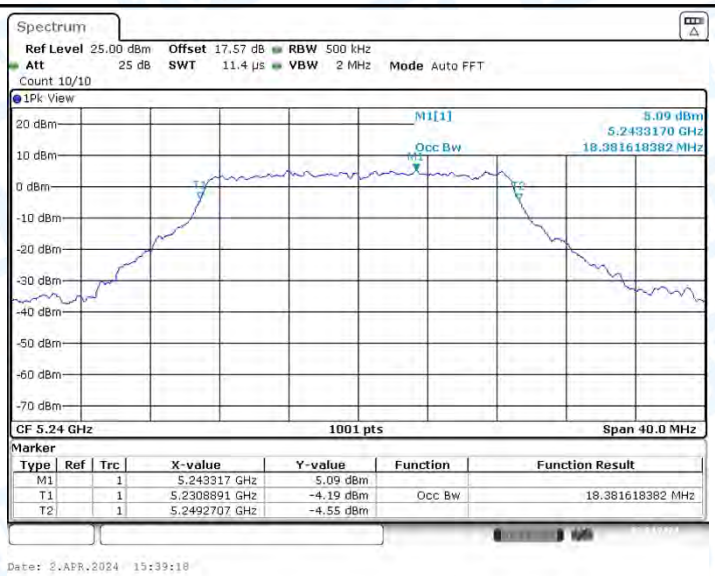
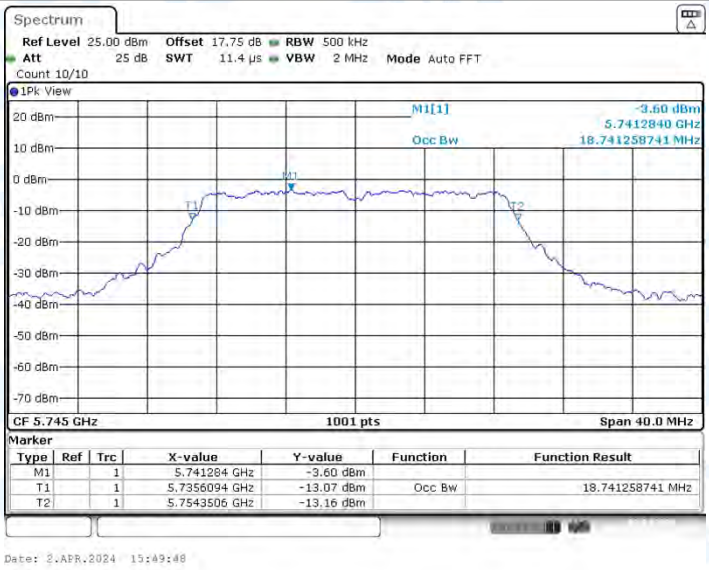


11N20MIMO_Ant1_5745

11N20MIMO_Ant2_5745



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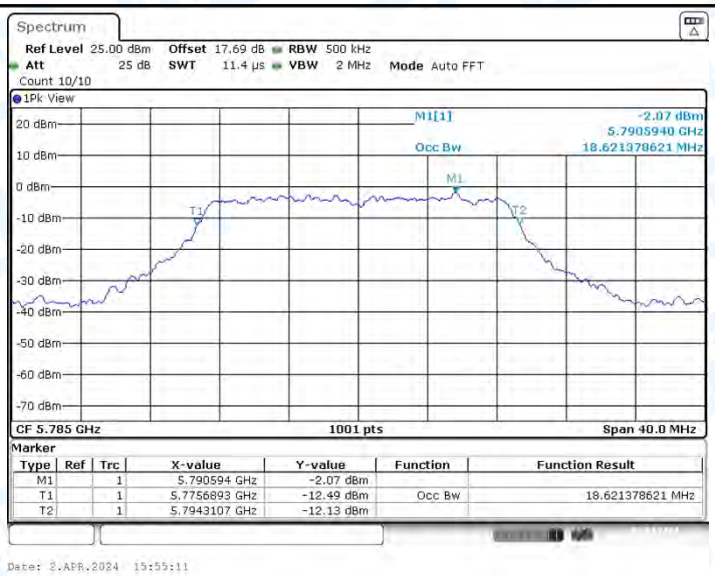

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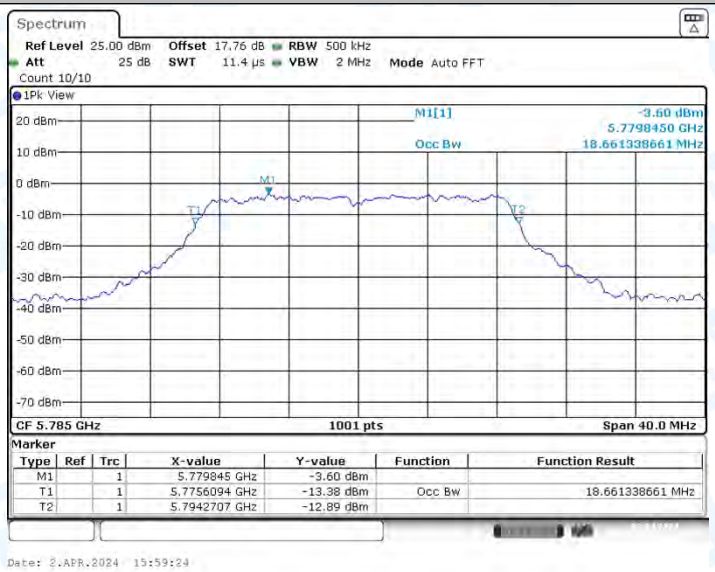

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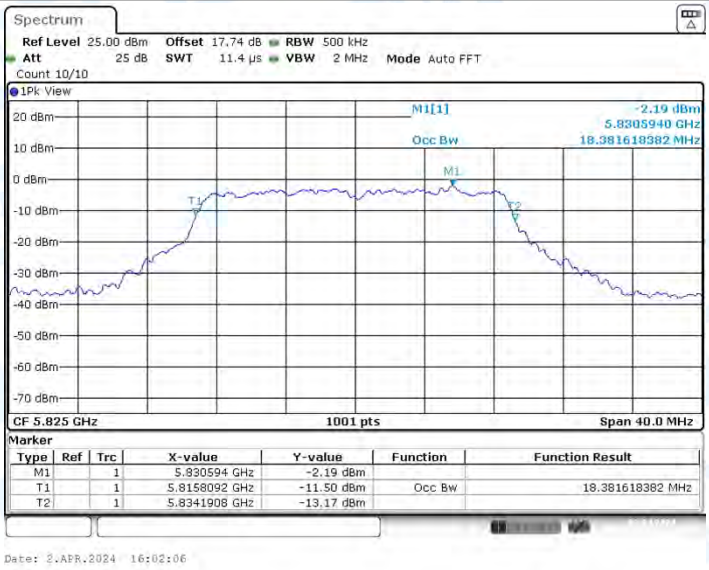

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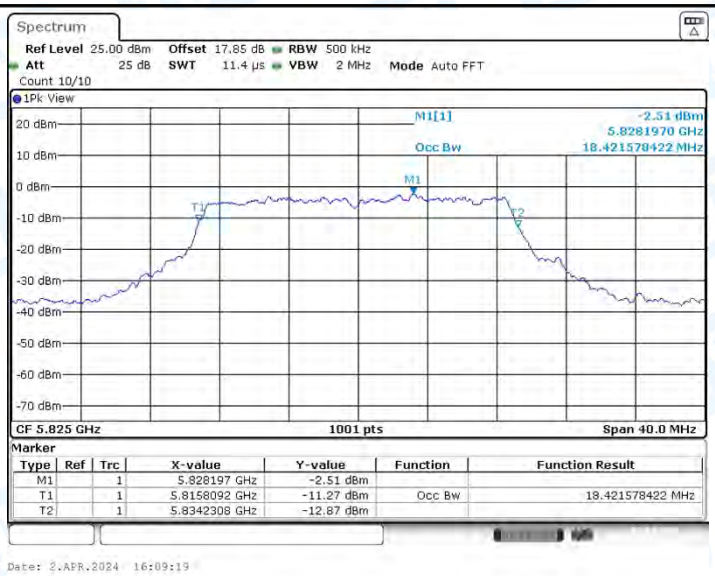
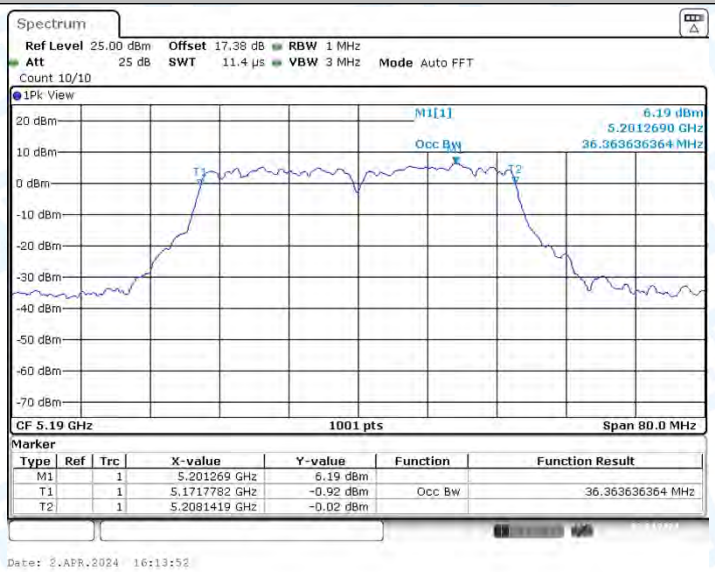


11N40MIMO_Ant1_5190



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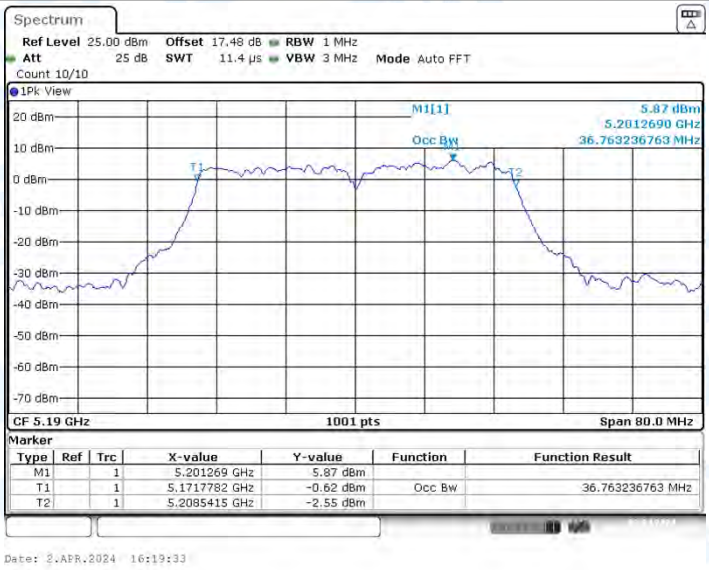

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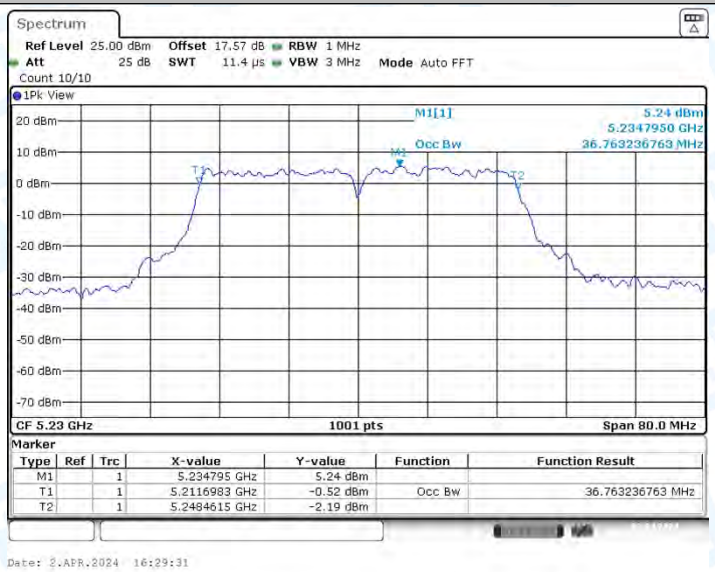
11N40MIMO_Ant2_5230



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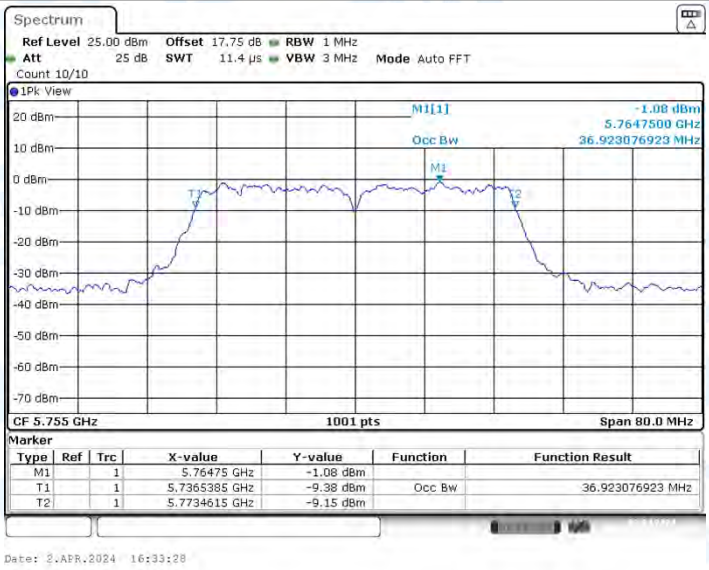

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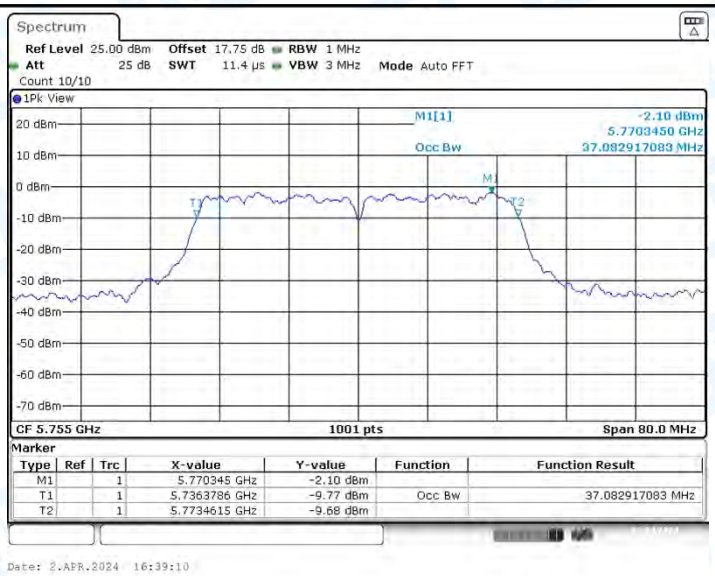
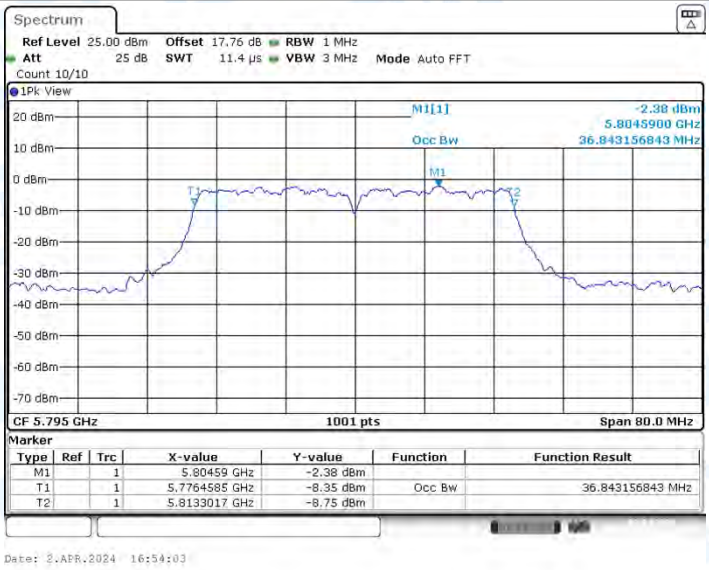


11N40MIMO_Ant1_5795

11N40MIMO_Ant2_5795



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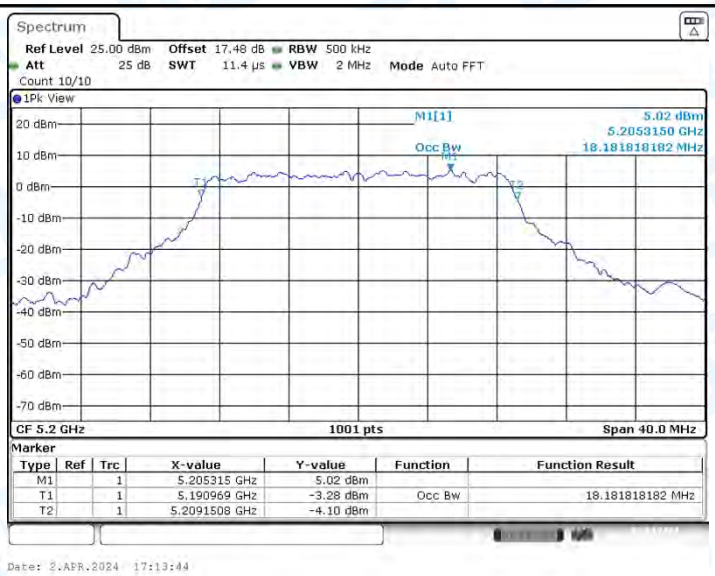
11AC20MIMO_Ant2_5180

11AC20MIMO_Ant1_5200

11AC20MIMO_Ant2_5200



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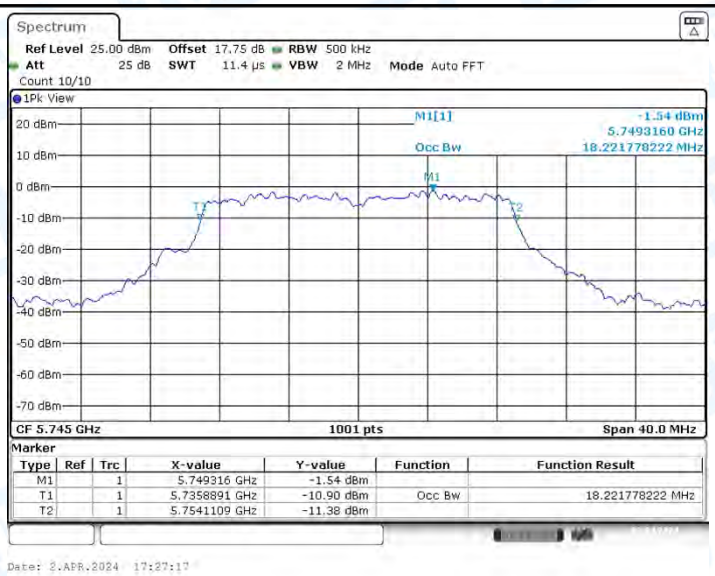
11AC20MIMO_Ant2_5240

11AC20MIMO_Ant1_5745



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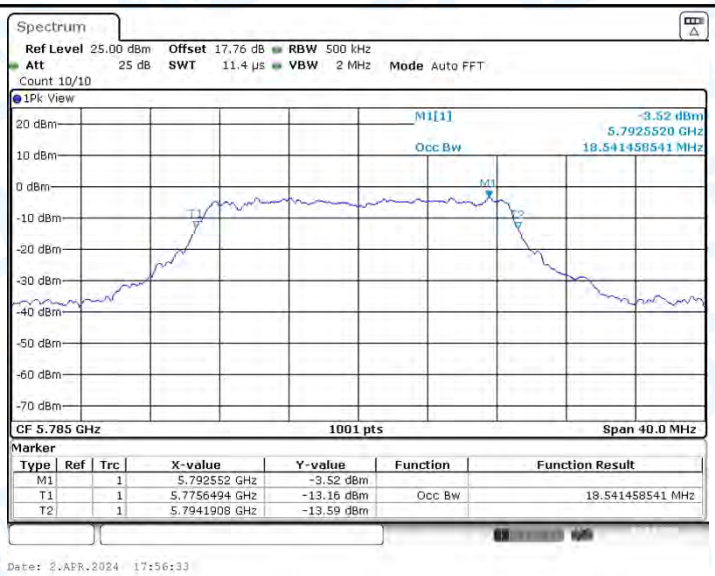
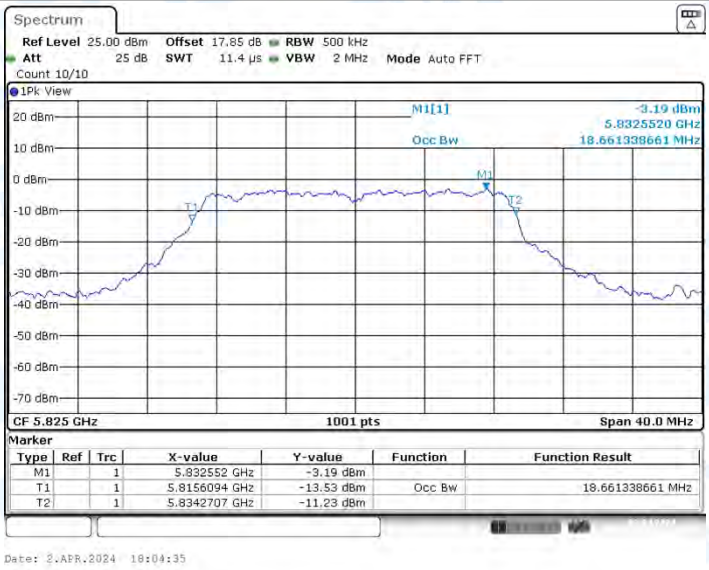
11AC20MIMO_Ant1_5785

11AC20MIMO_Ant2_5785



11AC20MIMO_Ant1_5825

11AC20MIMO_Ant2_5825



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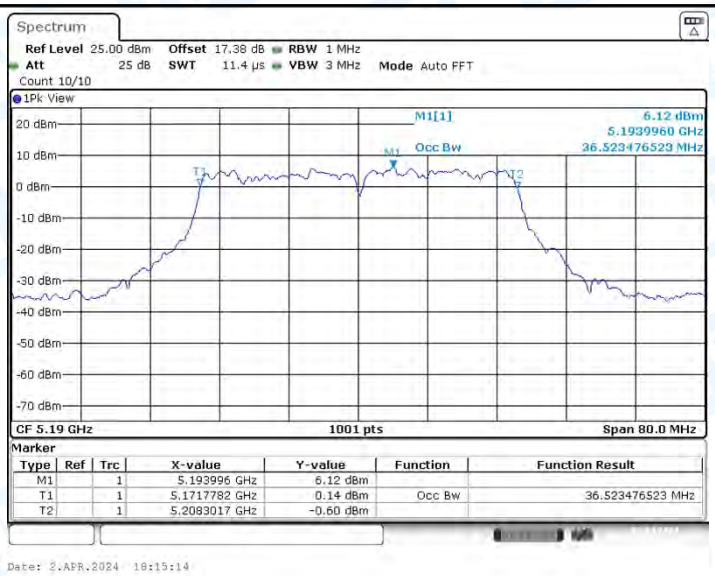

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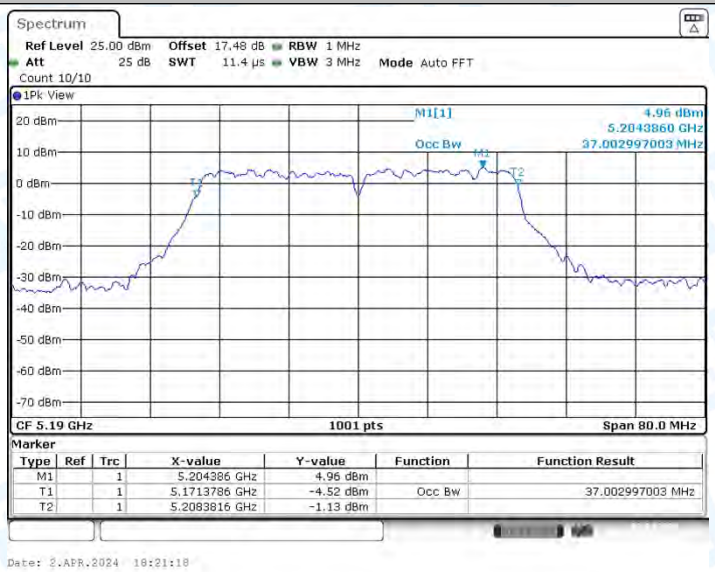

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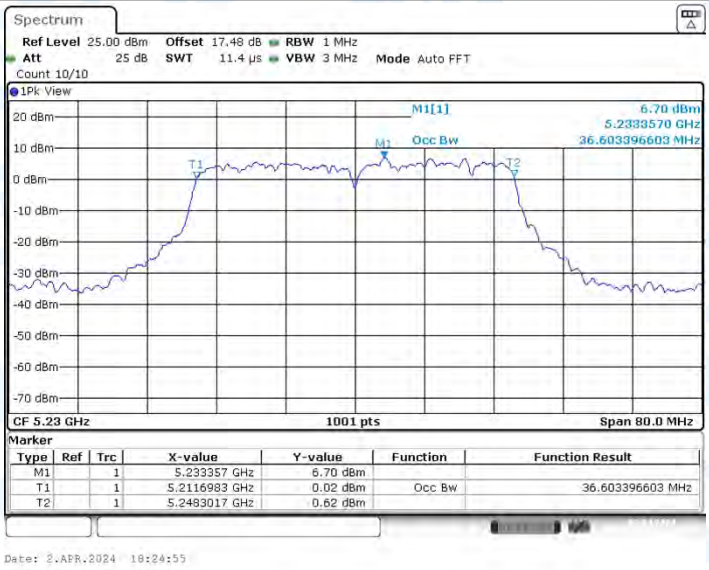

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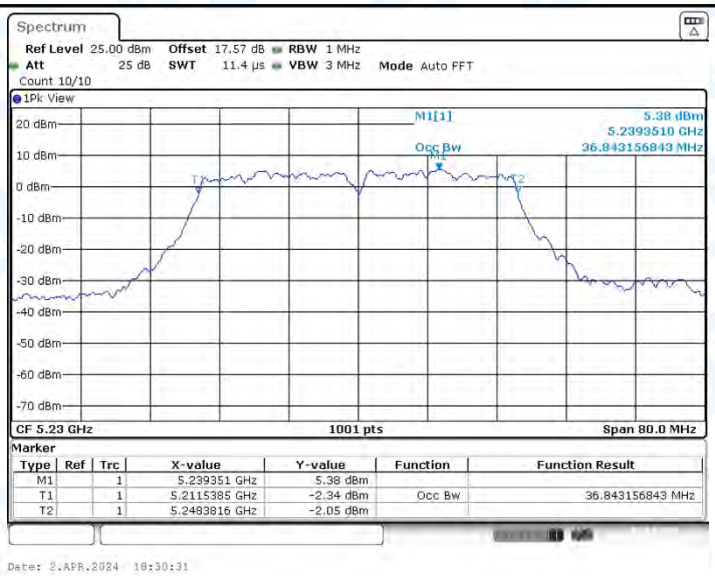

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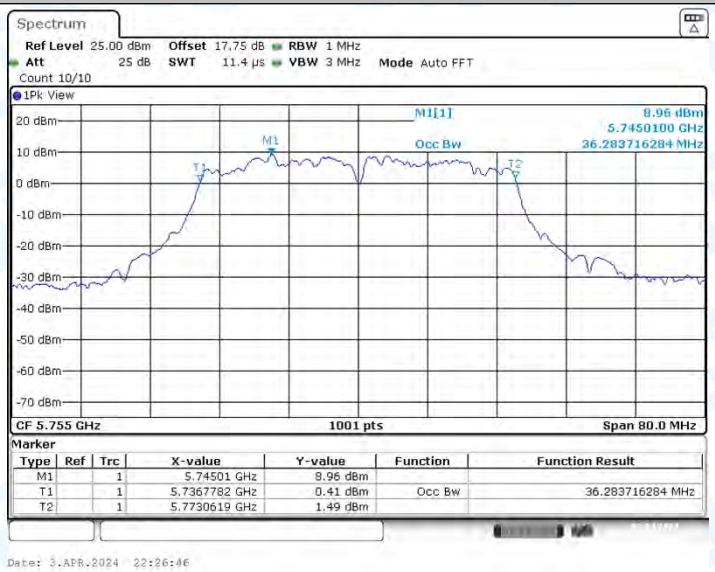

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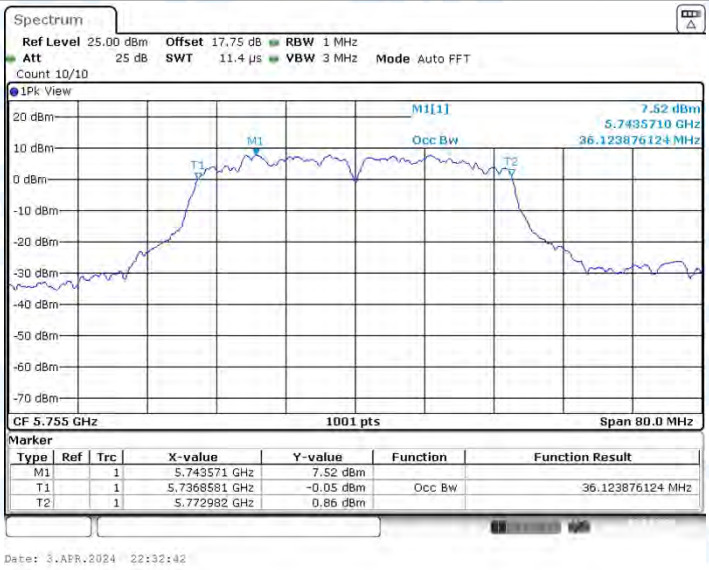

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11AC40MIMO_Ant2_5795

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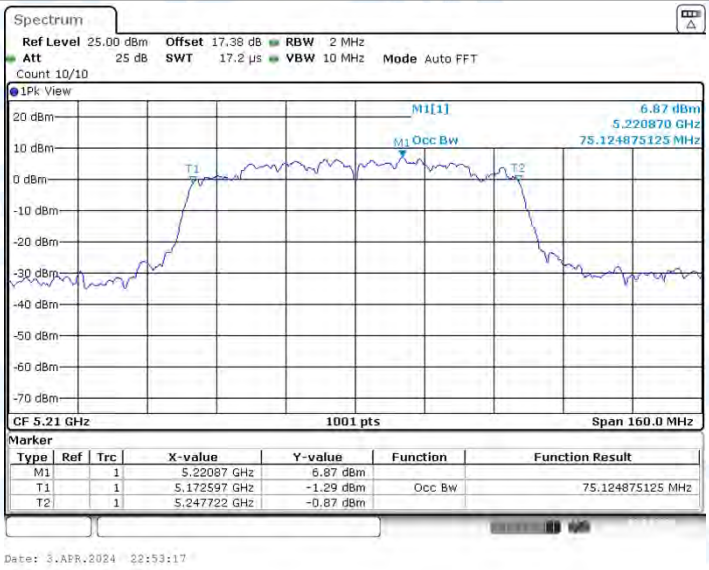

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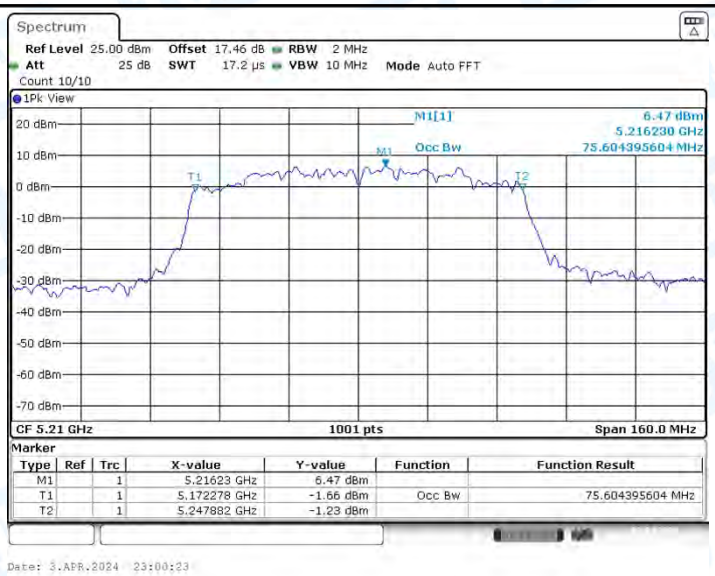

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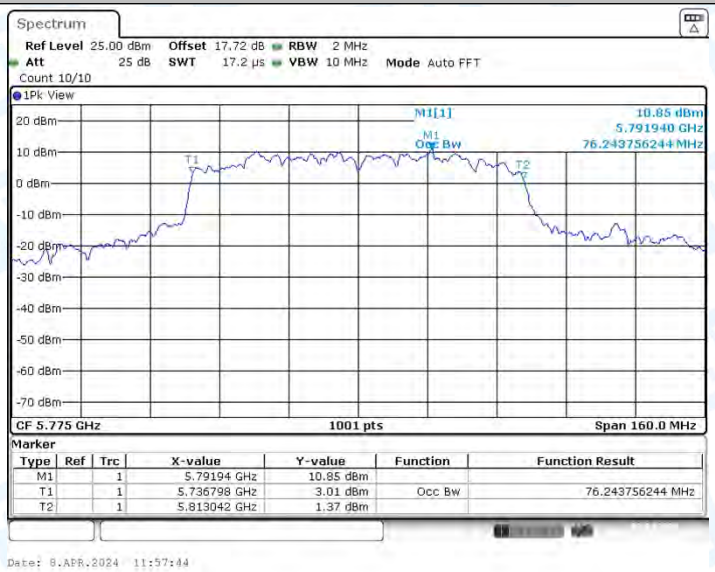

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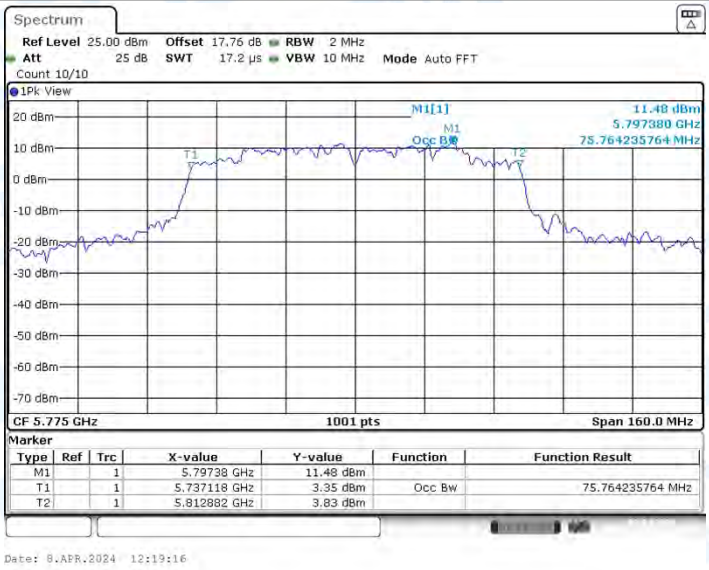

11AX20MIMO_Ant1_5180

11AX20MIMO_Ant2_5180

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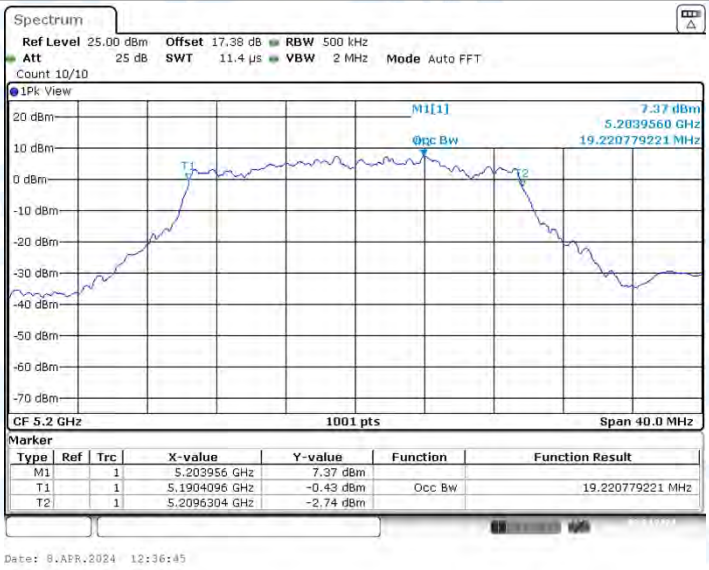

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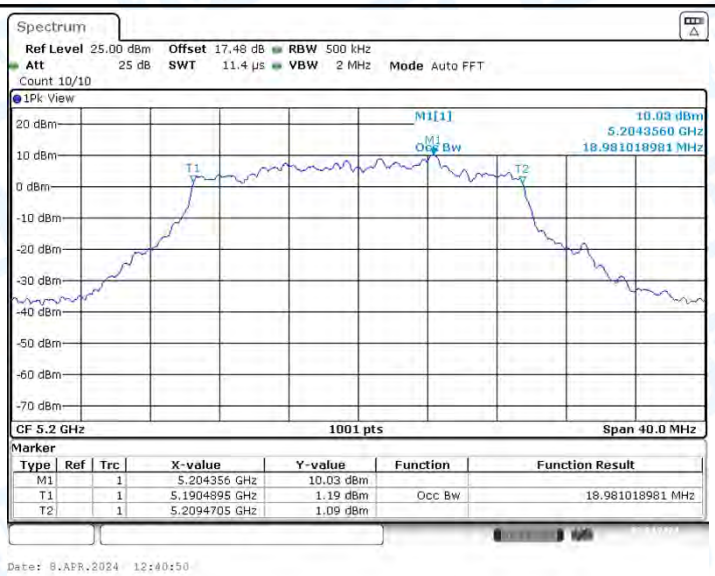

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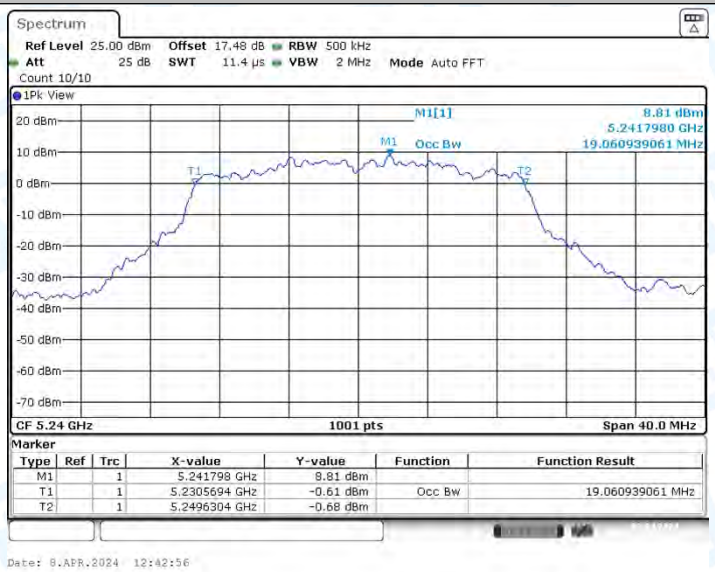

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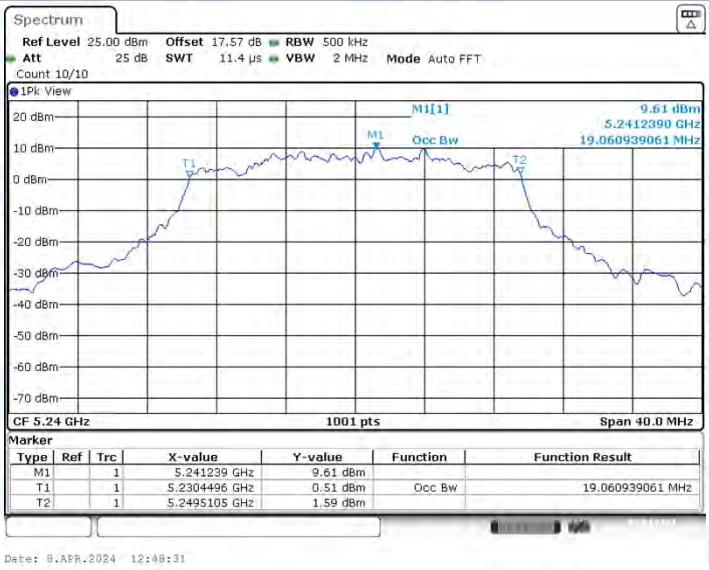

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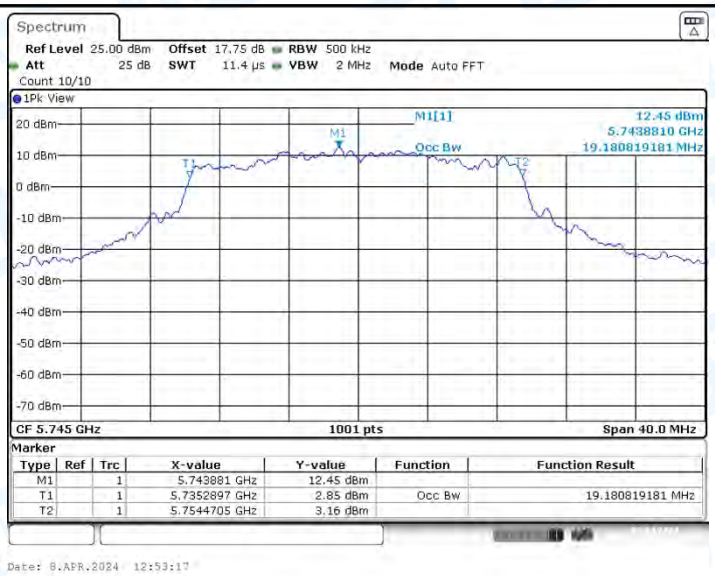

11AX20MIMO_Ant2_5745

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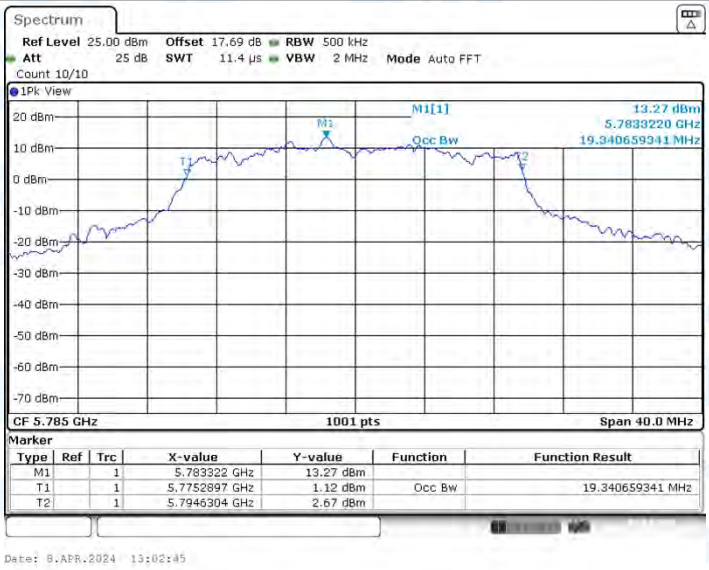

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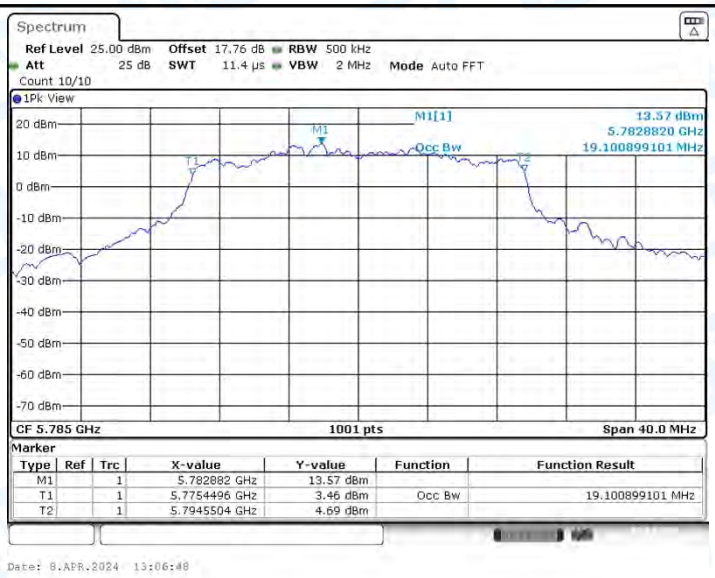

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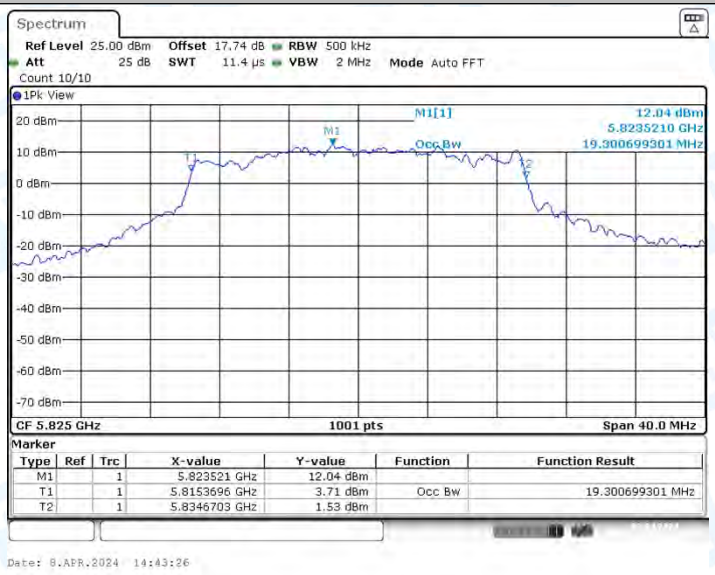

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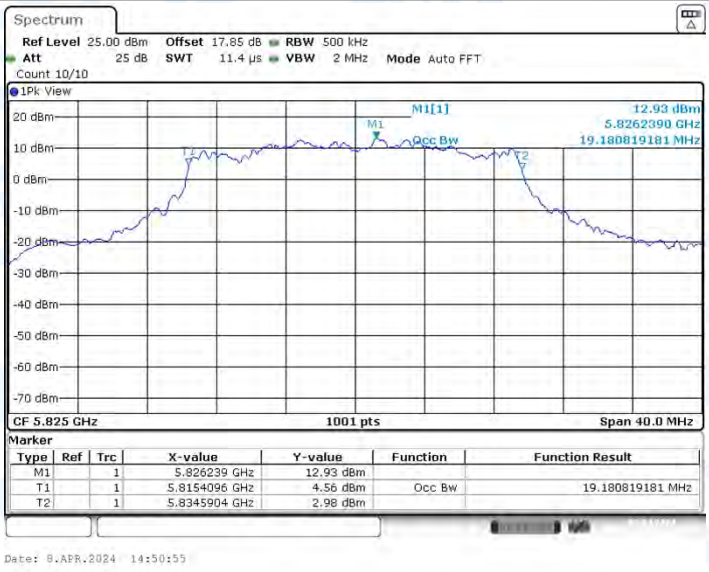
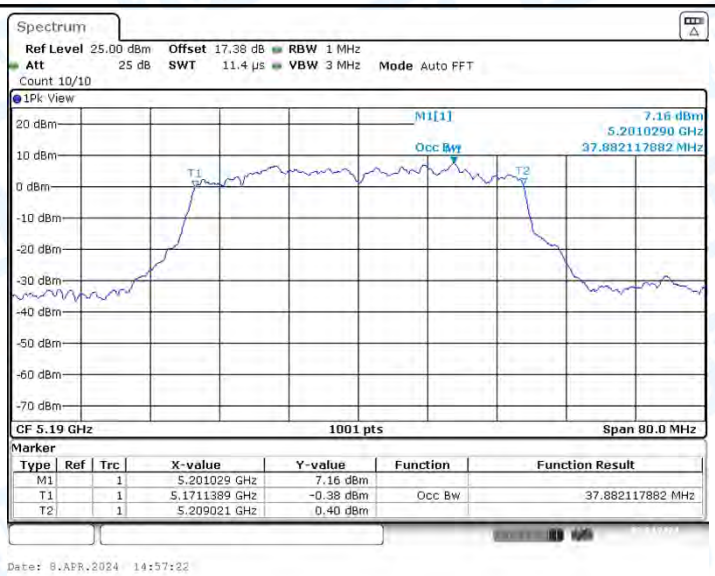


11AX40MIMO_Ant1_5190



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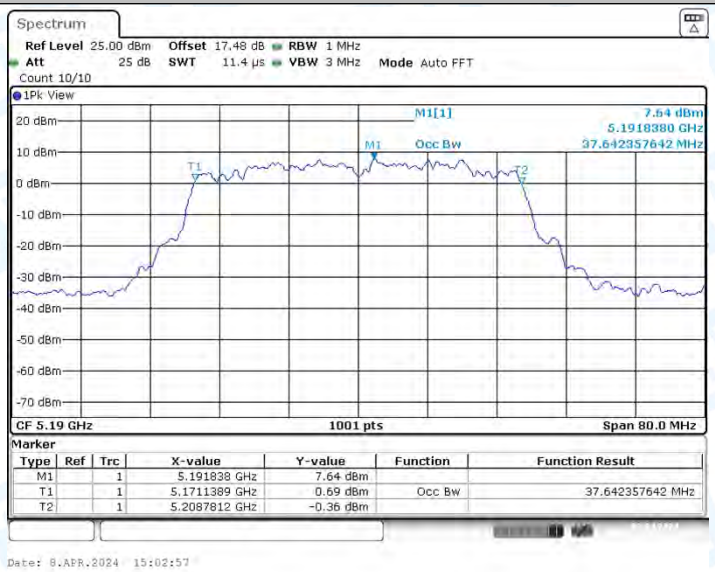
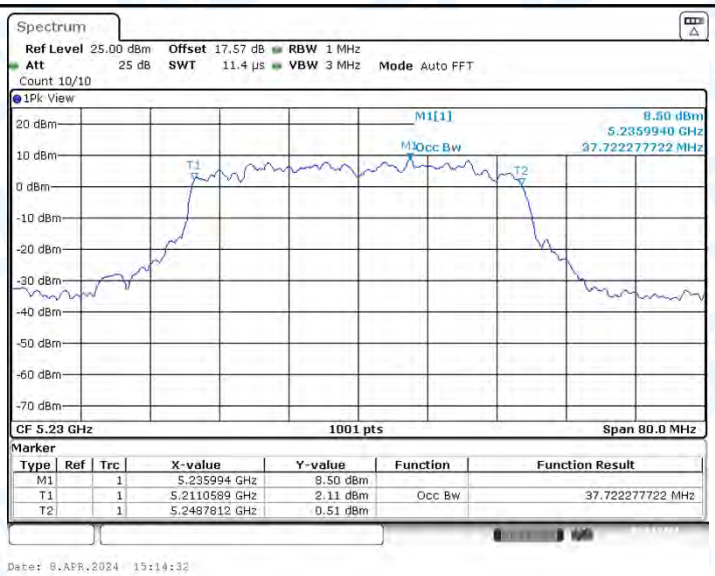


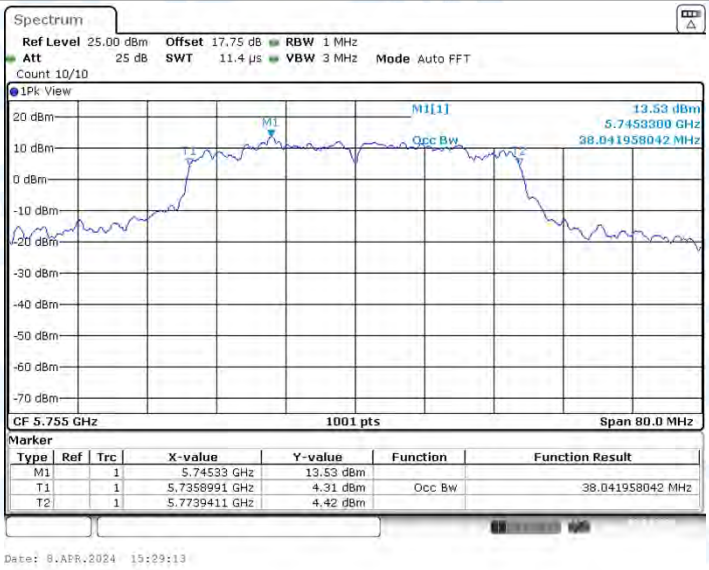
11AX40MIMO_Ant1_5230

11AX40MIMO_Ant2_5230



11AX40MIMO_Ant1_5755

11AX40MIMO_Ant2_5755



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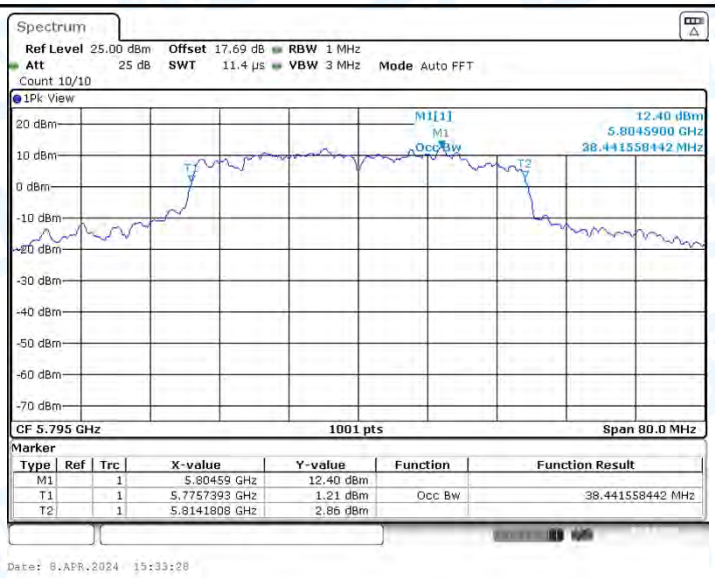

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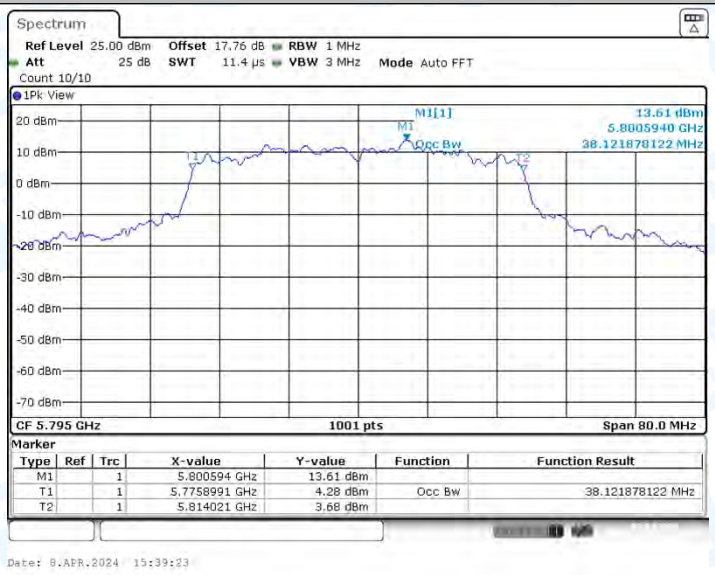

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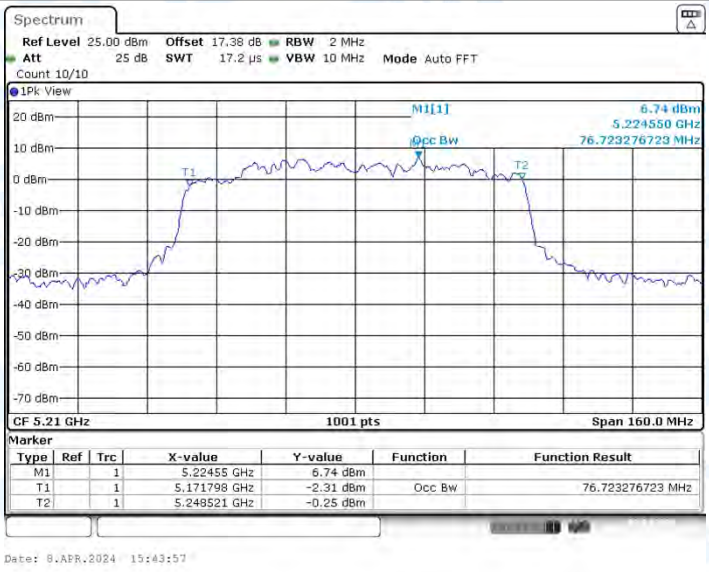

11AX80MIMO_Ant2_5210