

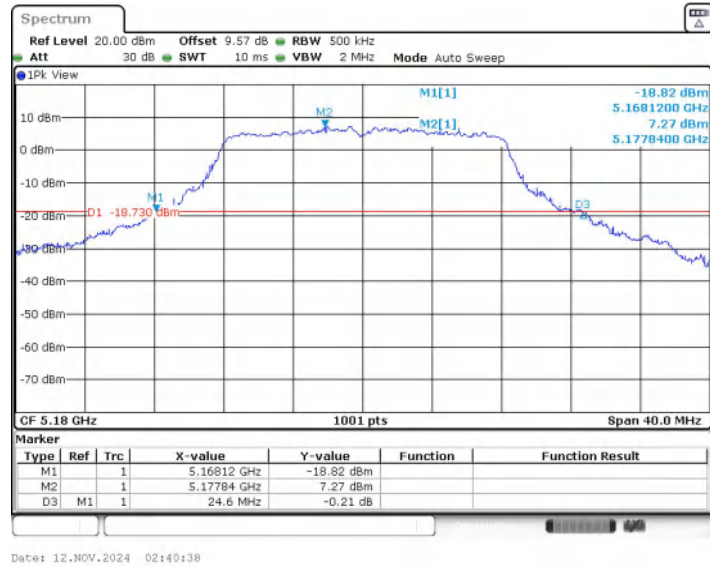
Appendix A1: Emission Bandwidth

Test Result

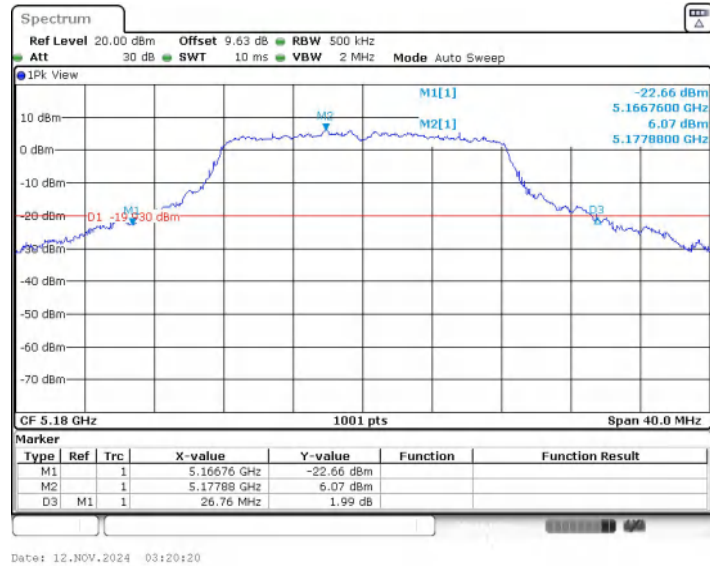
TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	24.60	5168.12	5192.72	---	---
	Ant2	5180	26.76	5166.76	5193.52	---	---
	Ant1	5220	24.32	5208.36	5232.68	---	---
	Ant2	5220	25.48	5207.60	5233.08	---	---
	Ant1	5240	24.44	5228.28	5252.72	---	---
	Ant2	5240	25.28	5227.68	5252.96	---	---
	Ant1	5745	24.88	5733.00	5757.88	---	---
	Ant2	5745	25.40	5732.88	5758.28	---	---
	Ant1	5785	25.04	5772.92	5797.96	---	---
	Ant2	5785	26.00	5772.96	5798.96	---	---
	Ant1	5825	25.32	5812.92	5838.24	---	---
	Ant2	5825	25.28	5812.88	5838.16	---	---
11N20MIMO	Ant1	5180	25.36	5167.80	5193.16	---	---
	Ant2	5180	28.12	5166.08	5194.20	---	---
	Ant1	5220	25.20	5208.00	5233.20	---	---
	Ant2	5220	26.28	5206.36	5232.64	---	---
	Ant1	5240	24.08	5228.16	5252.24	---	---
	Ant2	5240	27.60	5226.76	5254.36	---	---
	Ant1	5745	26.28	5731.88	5758.16	---	---
	Ant2	5745	28.08	5731.92	5760.00	---	---
	Ant1	5785	25.56	5772.56	5798.12	---	---
	Ant2	5785	27.52	5771.92	5799.44	---	---
	Ant1	5825	25.68	5812.00	5837.68	---	---
	Ant2	5825	28.04	5811.96	5840.00	---	---
11N40MIMO	Ant1	5190	42.08	5169.12	5211.20	---	---
	Ant2	5190	41.92	5169.20	5211.12	---	---
	Ant1	5230	42.16	5209.12	5251.28	---	---
	Ant2	5230	42.08	5209.04	5251.12	---	---
	Ant1	5755	41.84	5734.12	5775.96	---	---
	Ant2	5755	42.00	5734.04	5776.04	---	---
	Ant1	5795	41.92	5774.04	5815.96	---	---
	Ant2	5795	41.76	5774.20	5815.96	---	---
11AC20MIMO	Ant1	5180	26.92	5166.48	5193.40	---	---
	Ant2	5180	26.68	5166.28	5192.96	---	---
	Ant1	5220	25.28	5207.92	5233.20	---	---
	Ant2	5220	26.48	5206.52	5233.00	---	---
	Ant1	5240	24.96	5228.08	5253.04	---	---
	Ant2	5240	25.72	5226.80	5252.52	---	---
	Ant1	5745	26.20	5732.00	5758.20	---	---
	Ant2	5745	28.32	5731.84	5760.16	---	---
	Ant1	5785	25.36	5772.76	5798.12	---	---

	Ant2	5785	28.16	5771.84	5800.00	---	---
	Ant1	5825	25.84	5812.40	5838.24	---	---
	Ant2	5825	27.48	5811.96	5839.44	---	---
11AC40MIMO	Ant1	5190	41.84	5169.20	5211.04	---	---
	Ant2	5190	41.76	5169.12	5210.88	---	---
	Ant1	5230	41.84	5209.20	5251.04	---	---
	Ant2	5230	42.08	5209.12	5251.20	---	---
	Ant1	5755	41.84	5734.20	5776.04	---	---
	Ant2	5755	41.84	5734.12	5775.96	---	---
	Ant1	5795	41.76	5774.20	5815.96	---	---
11AC80MIMO	Ant2	5795	41.76	5774.28	5816.04	---	---
	Ant1	5210	82.72	5169.20	5251.92	---	---
	Ant2	5210	125.92	5139.12	5265.04	---	---
	Ant1	5775	83.04	5733.24	5816.28	---	---
	Ant2	5775	83.84	5733.56	5817.40	---	---

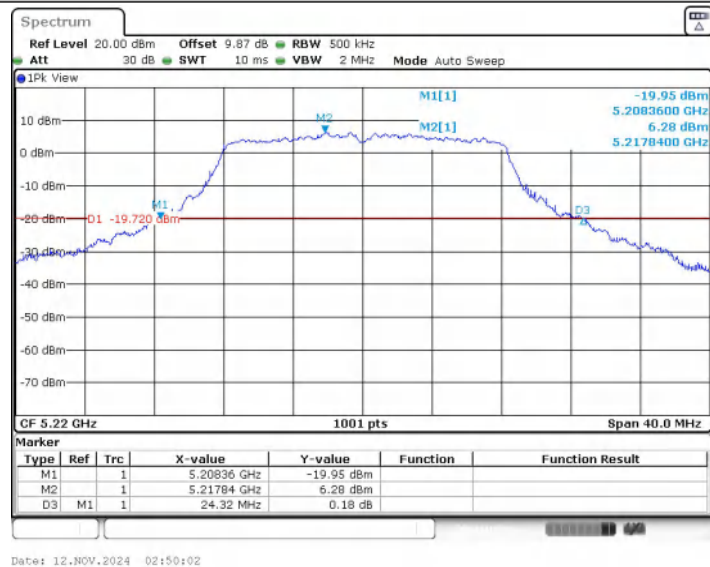
Test Graphs



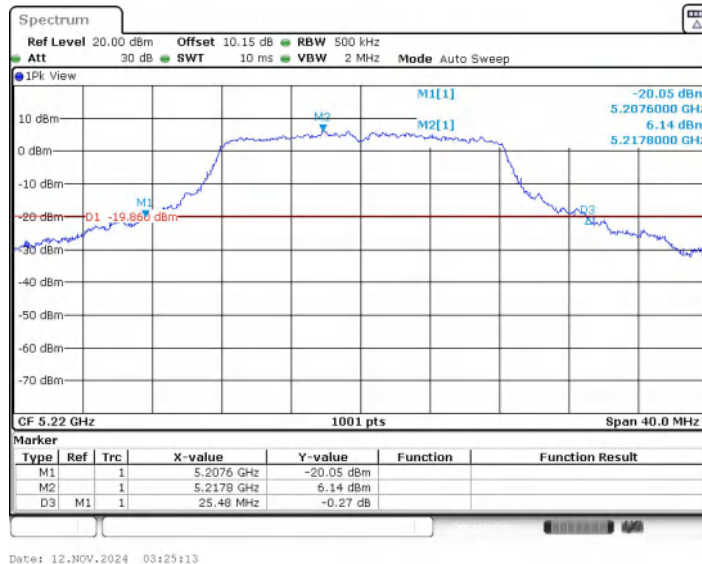
11A_Ant1_5180



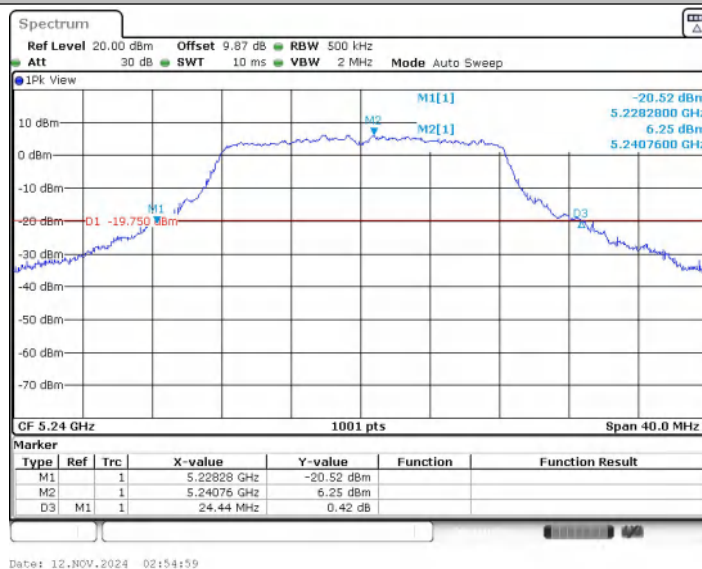
11A_Ant2_5180



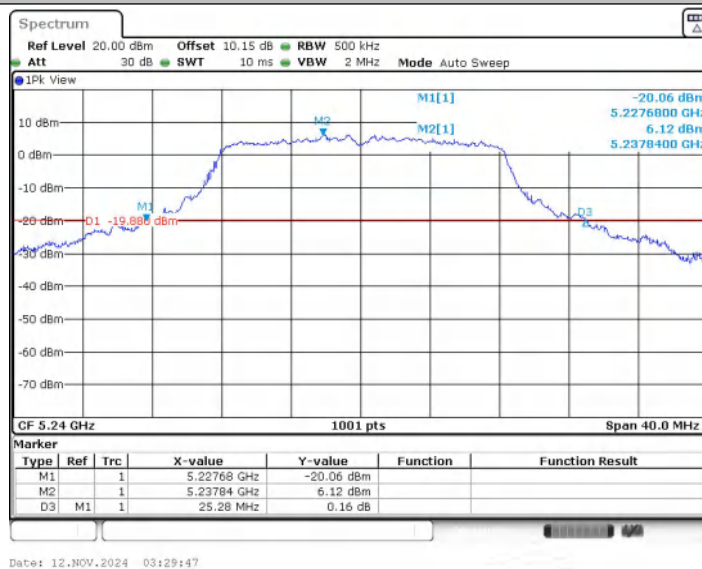
11A_Ant1_5220



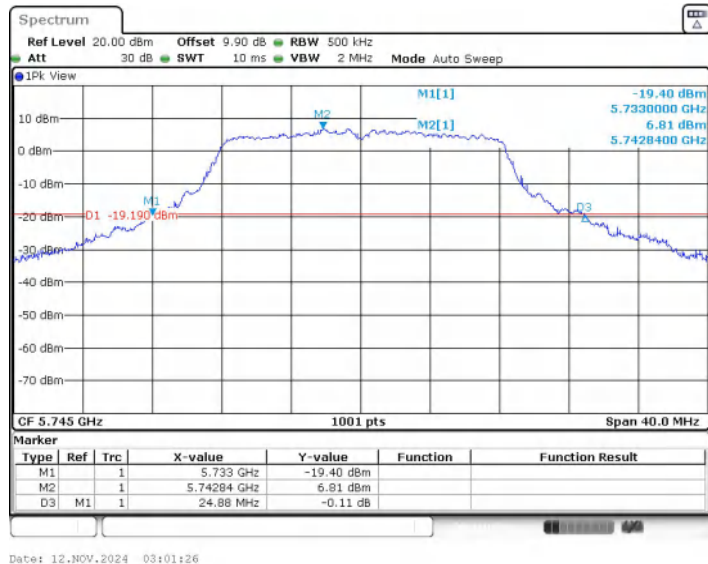
11A_Ant2_5220



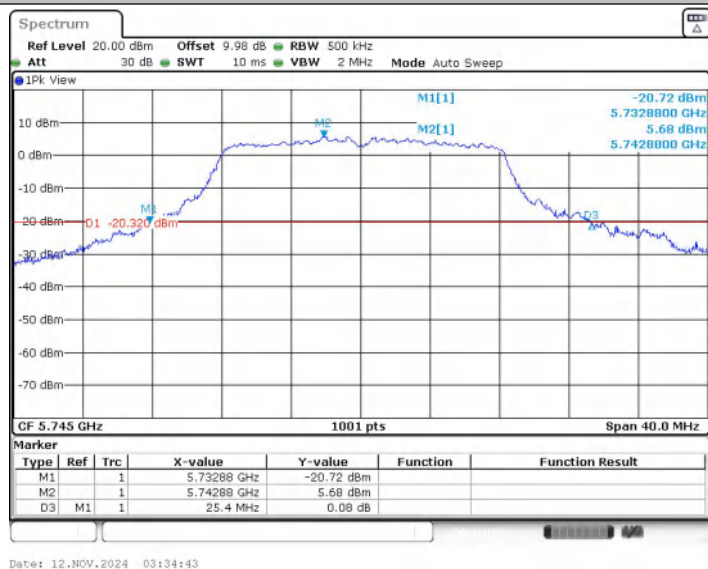
11A_Ant1_5240



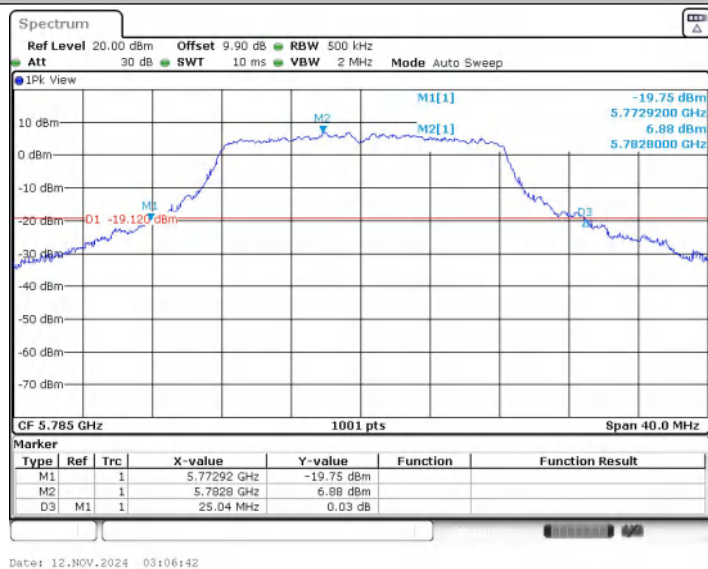
11A_Ant2_5240



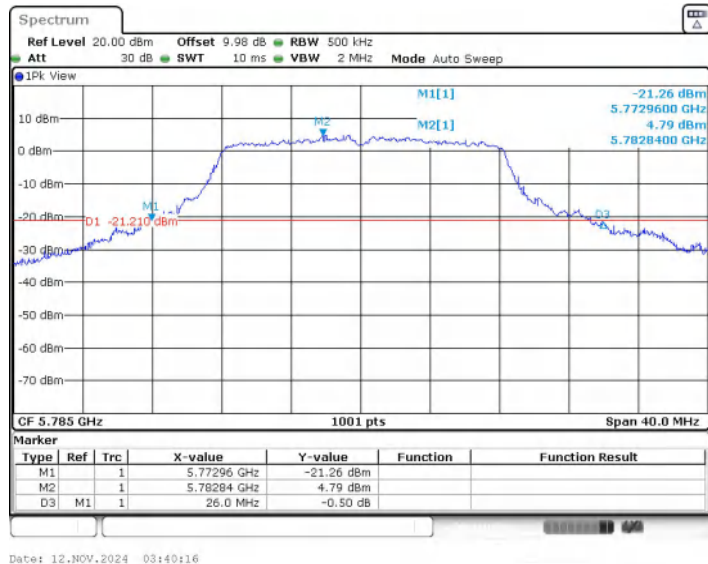
11A_Ant1_5745



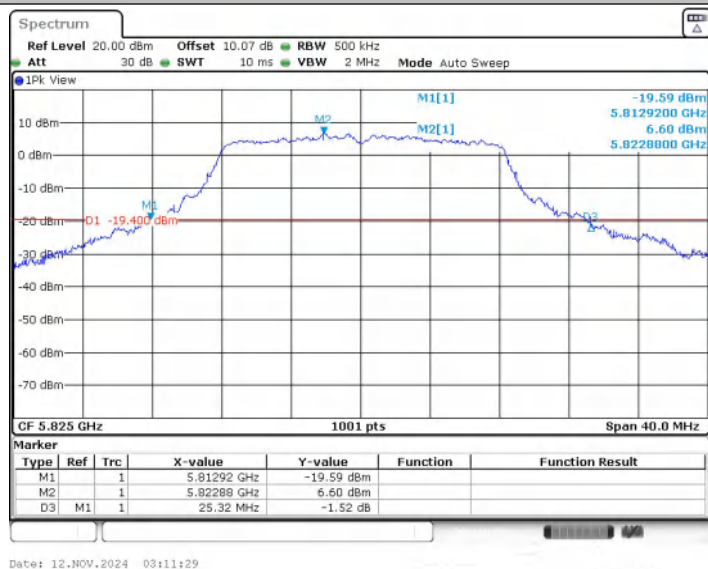
11A_Ant2_5745



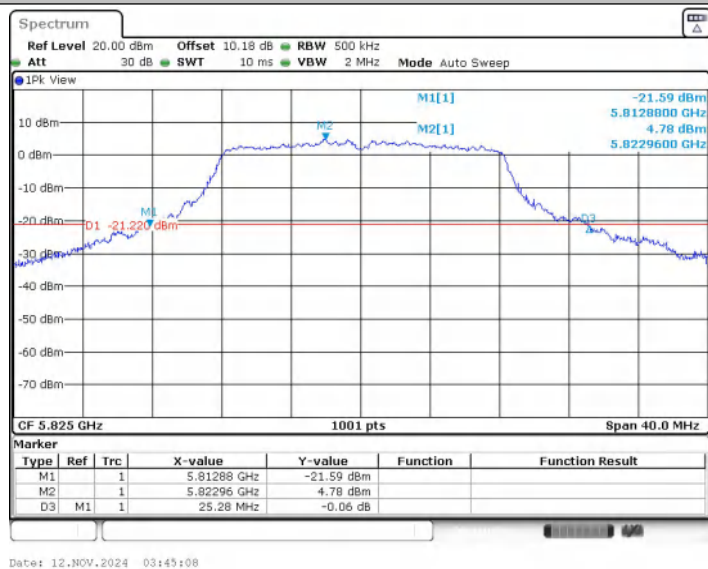
11A_Ant1_5785



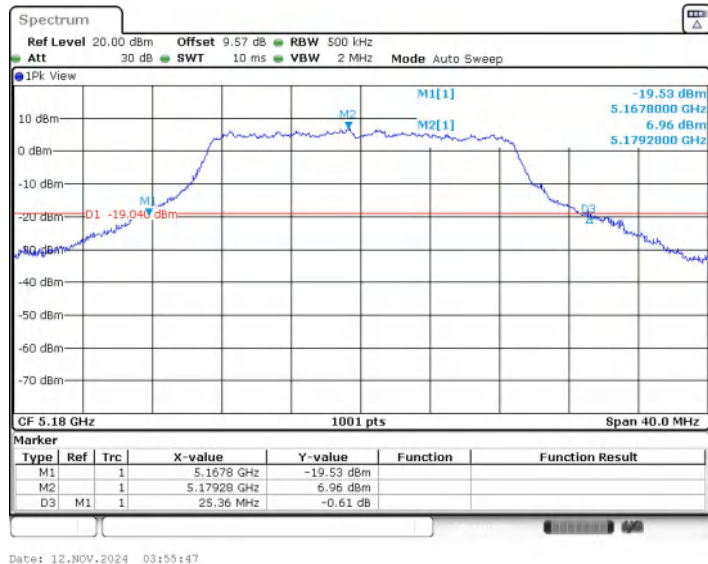
11A_Ant2_5785



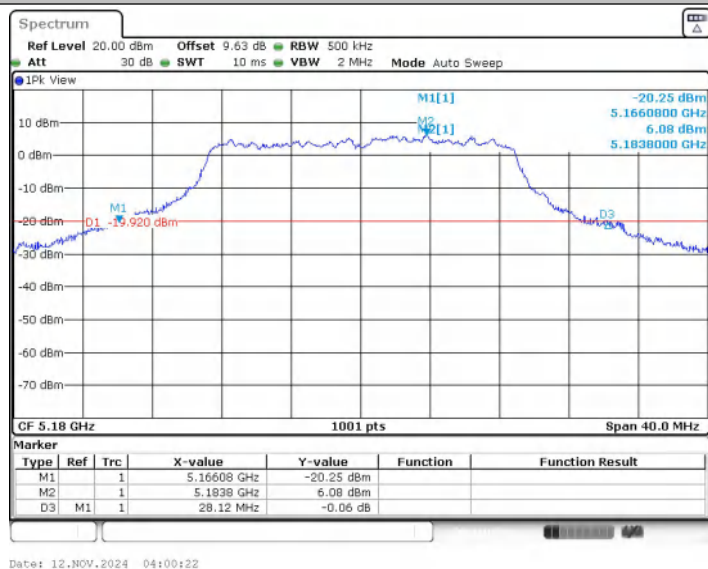
11A_Ant1_5825



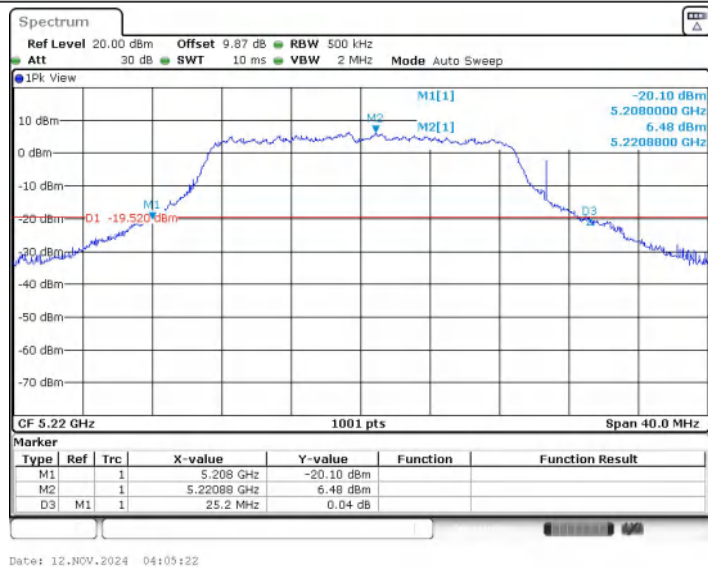
11A_Ant2_5825



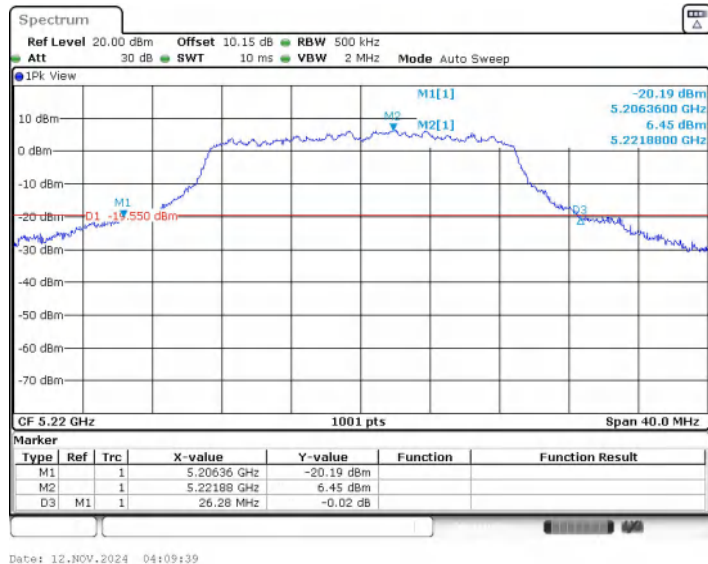
11N20MIMO_Ant1_5180



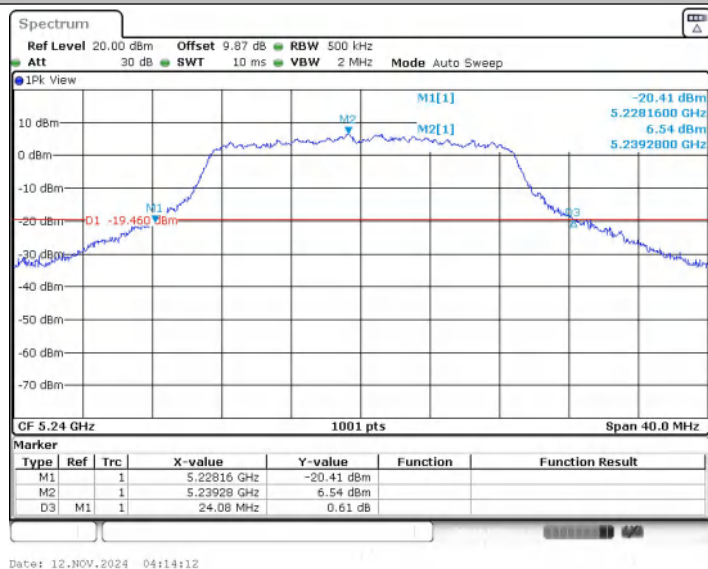
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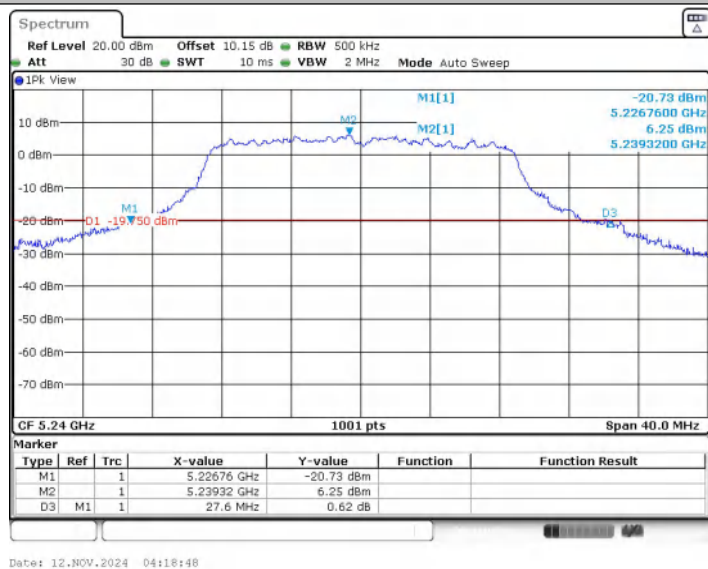
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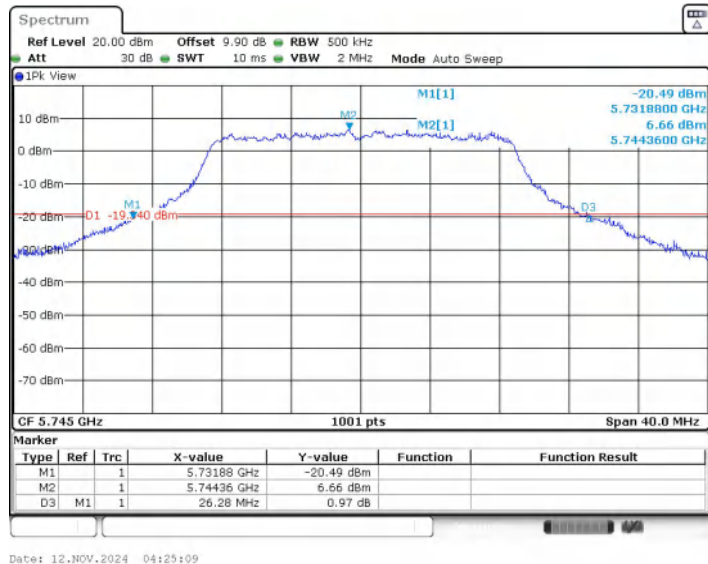
11N20MIMO_Ant2_5220



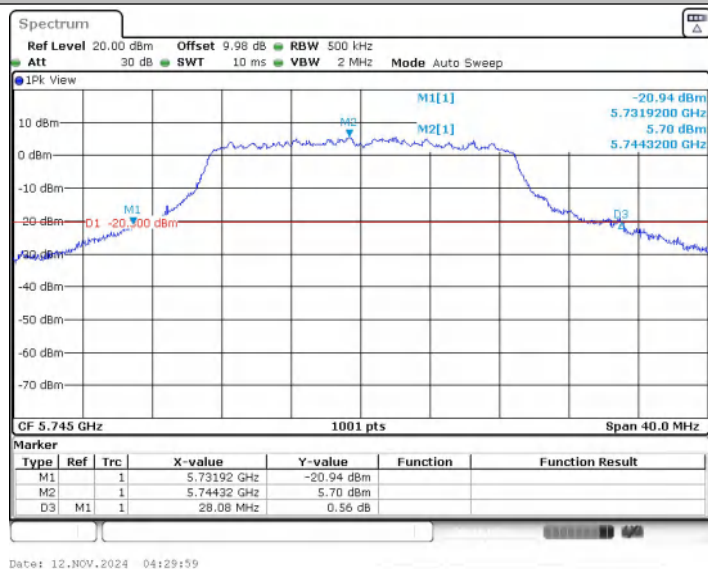
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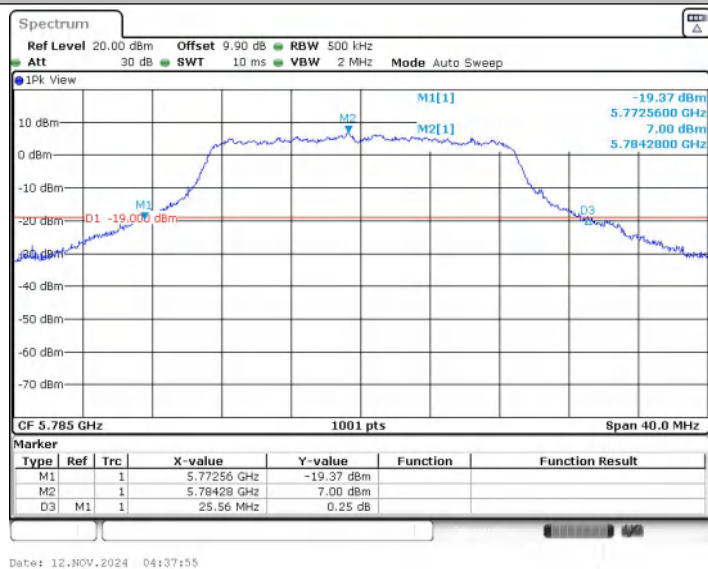
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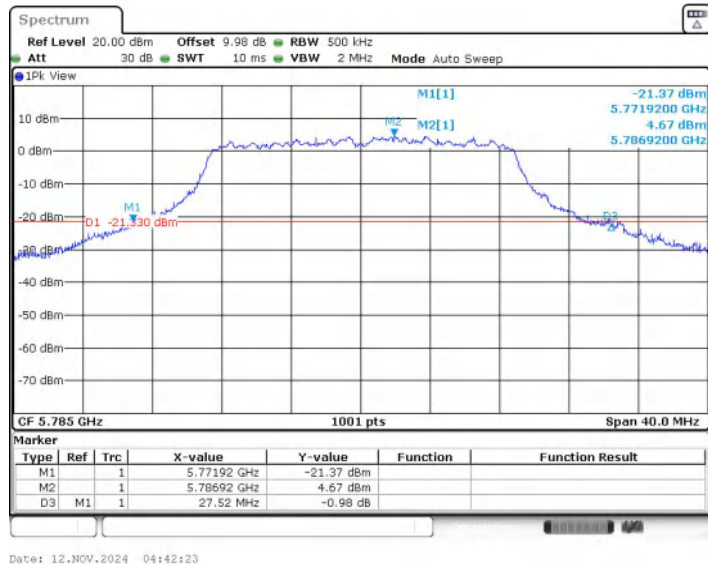
11N20MIMO_Ant1_5745



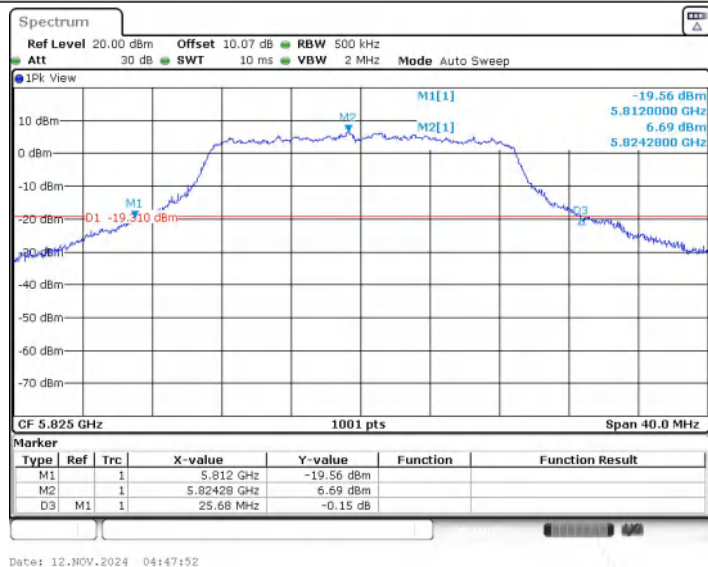
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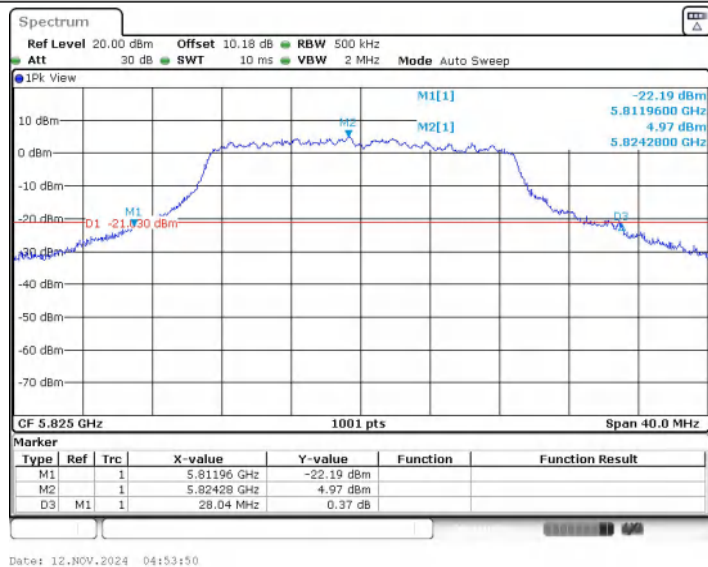
11N20MIMO_Ant1_5785



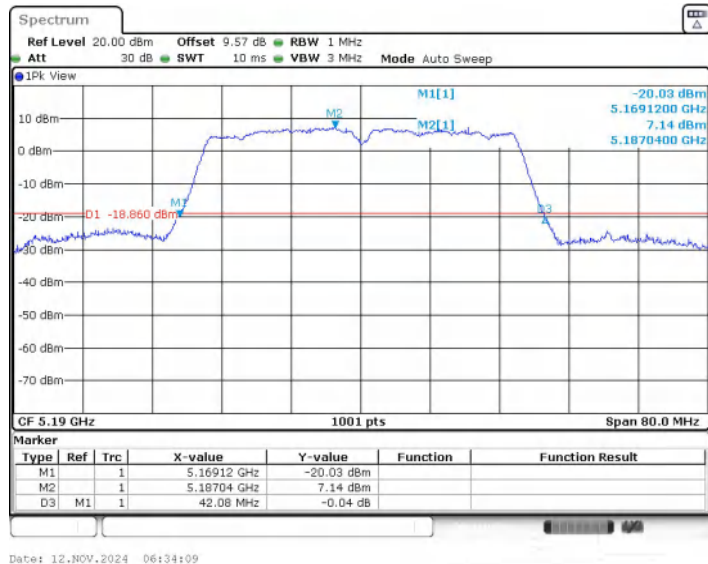
11N20MIMO_Ant2_5785



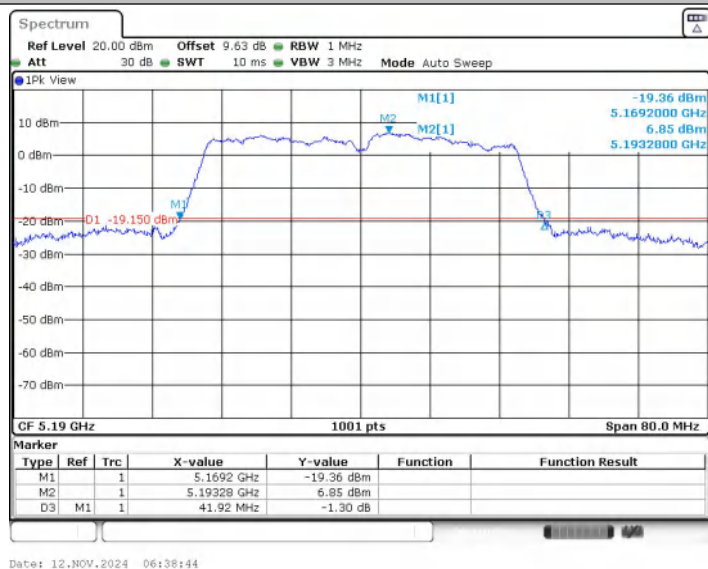
11N20MIMO_Ant1_5825



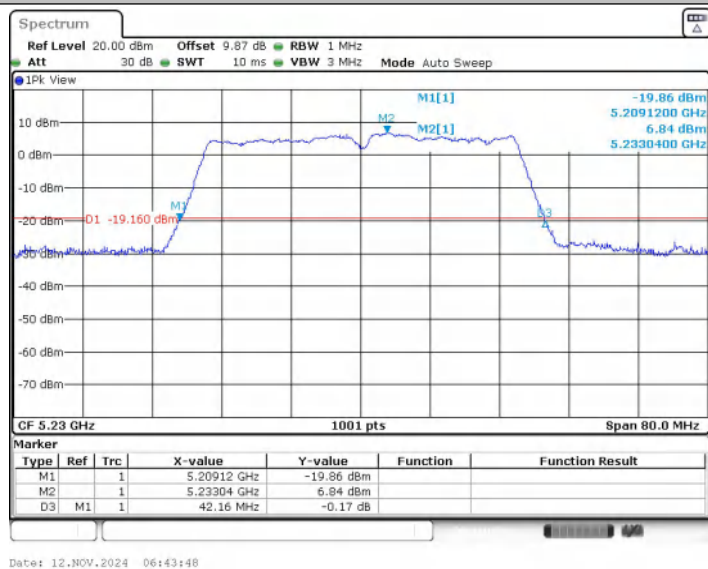
11N20MIMO_Ant2_5825



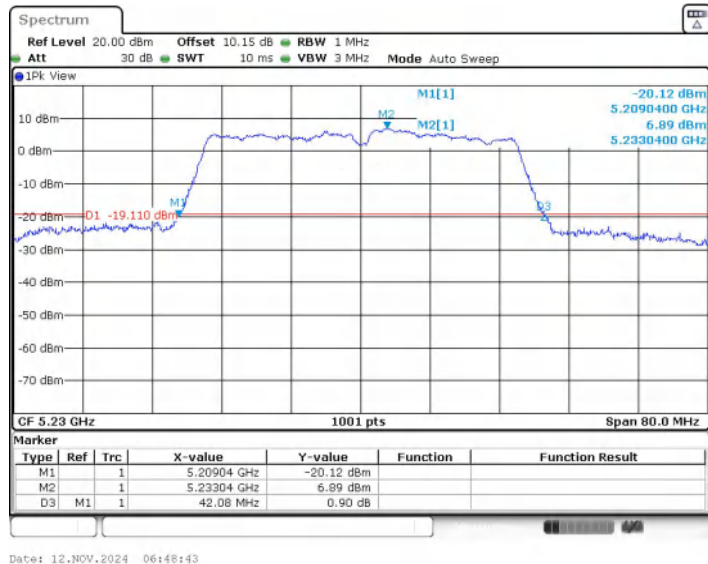
11N40MIMO_Ant1_5190



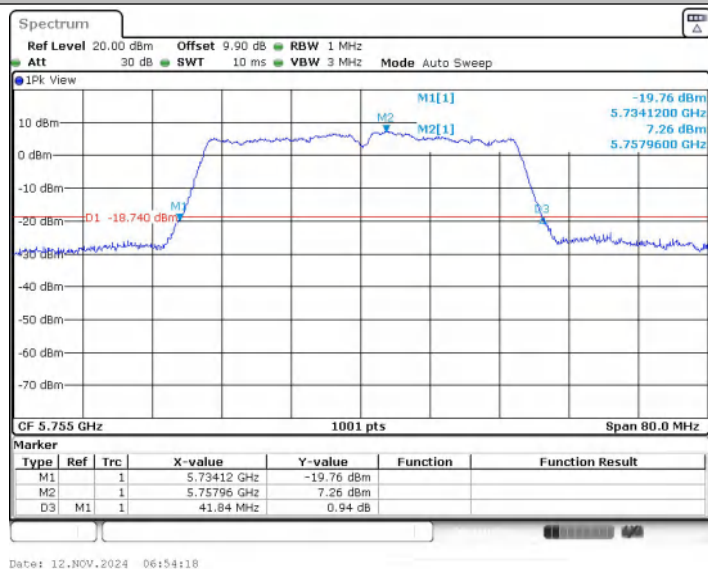
11N40MIMO_Ant2_5190



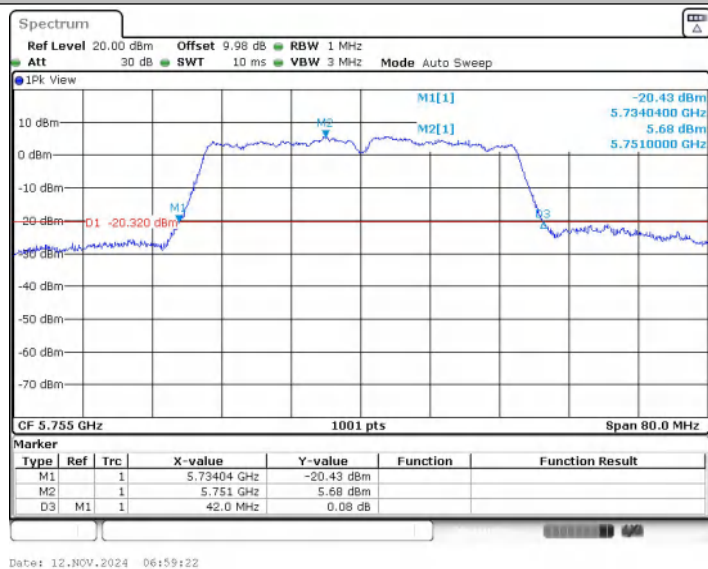
11N40MIMO_Ant1_5230



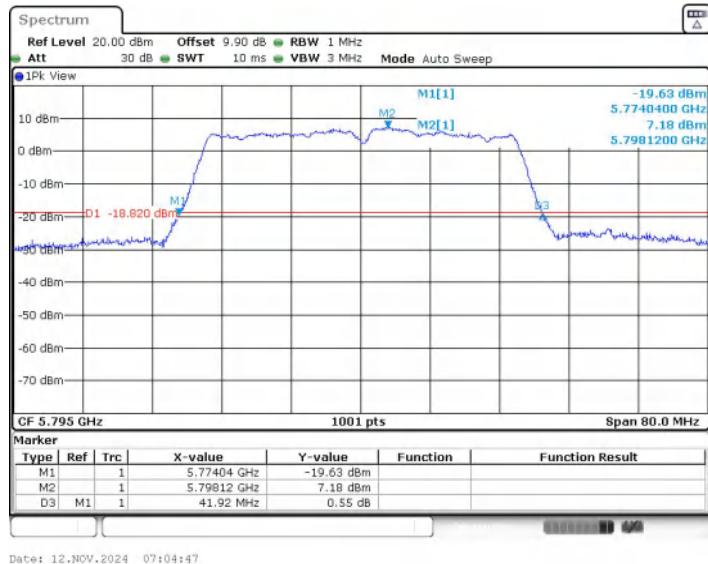
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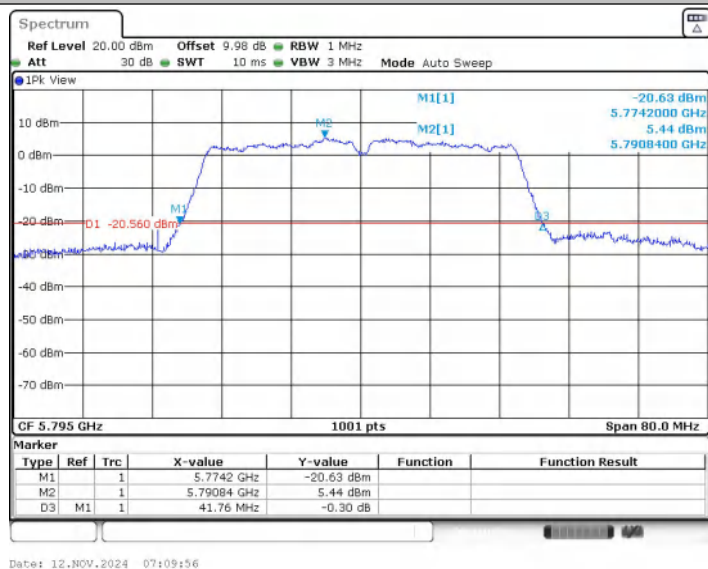
11N40MIMO_Ant1_5755



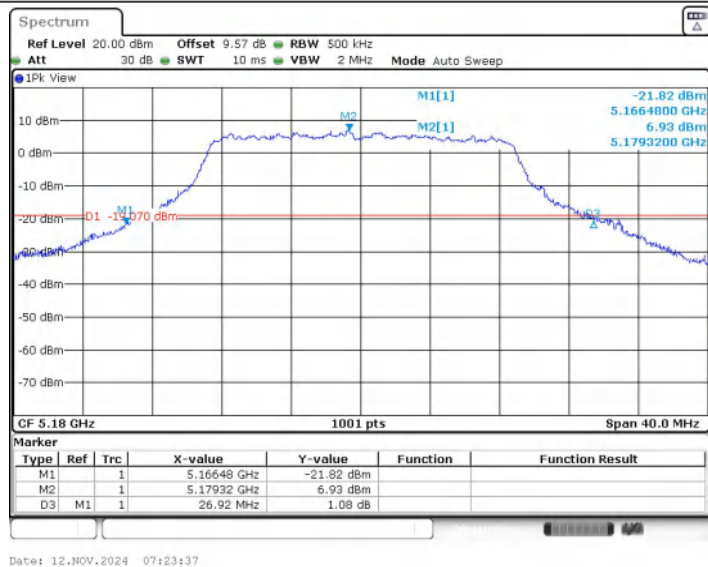
11N40MIMO_Ant2_5755



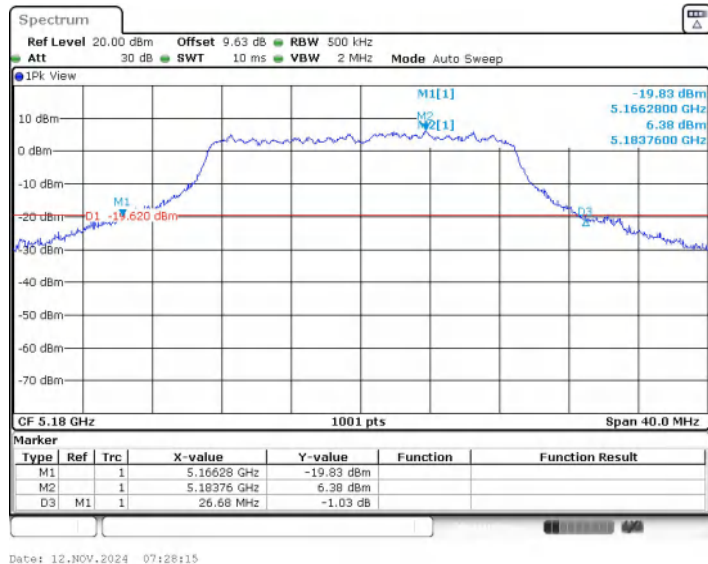
11N40MIMO_Ant1_5795



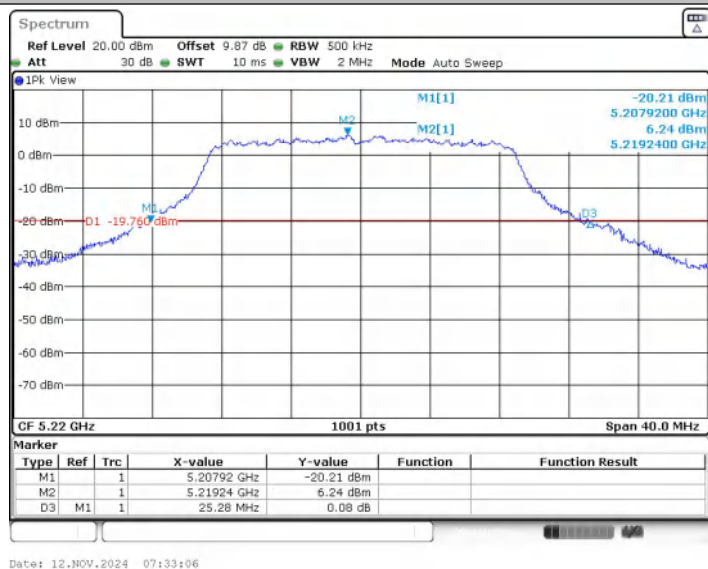
11N40MIMO_Ant2_5795



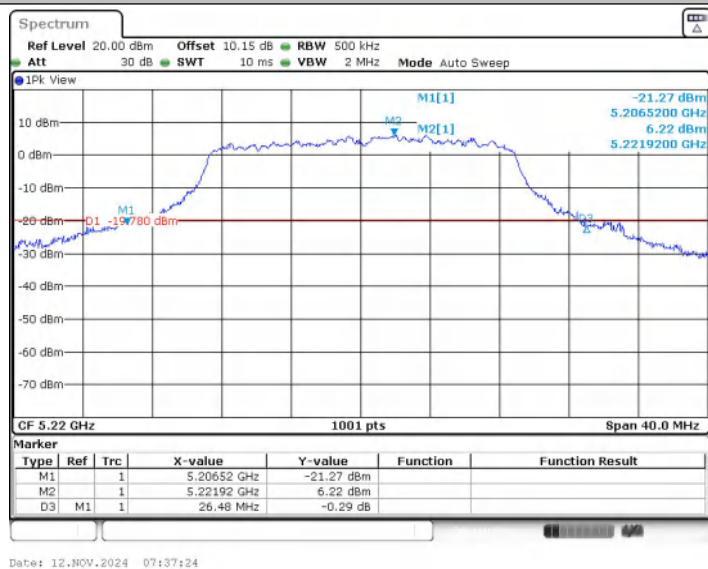
11AC20MIMO_Ant1_5180



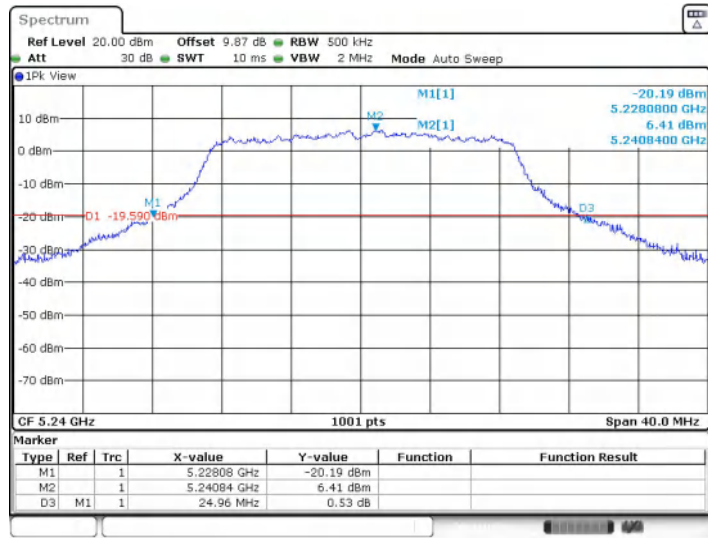
11AC20MIMO_Ant2_5180



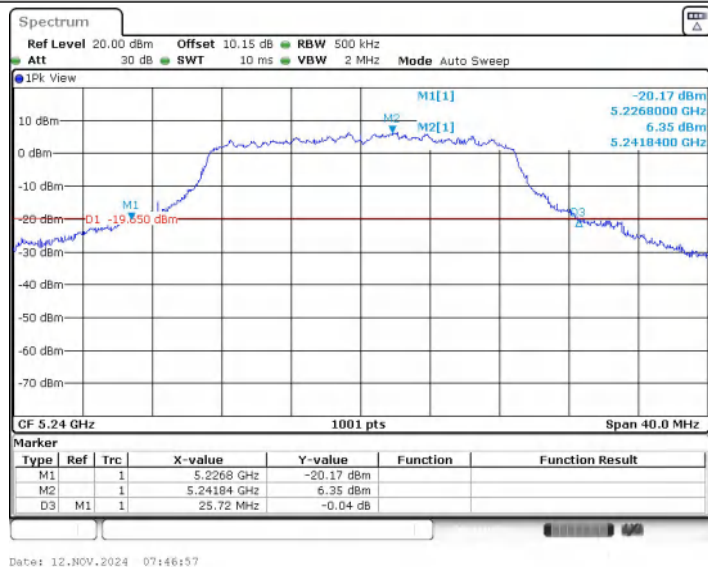
11AC20MIMO_Ant1_5220



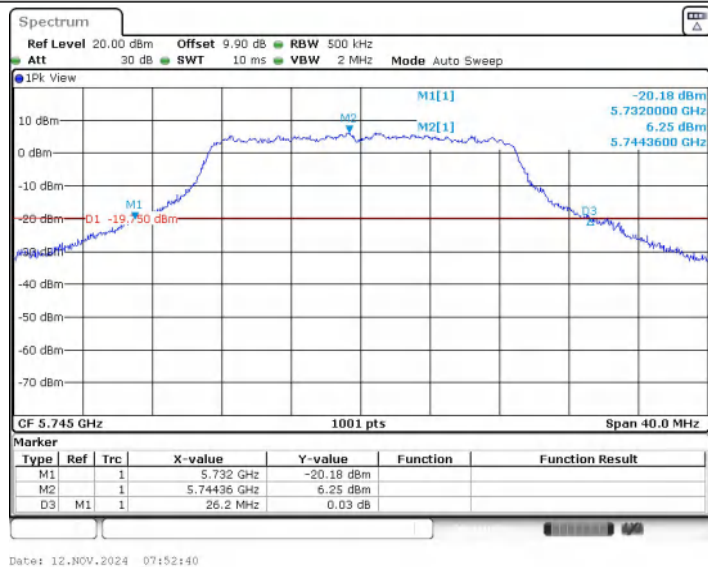
11AC20MIMO_Ant2_5220



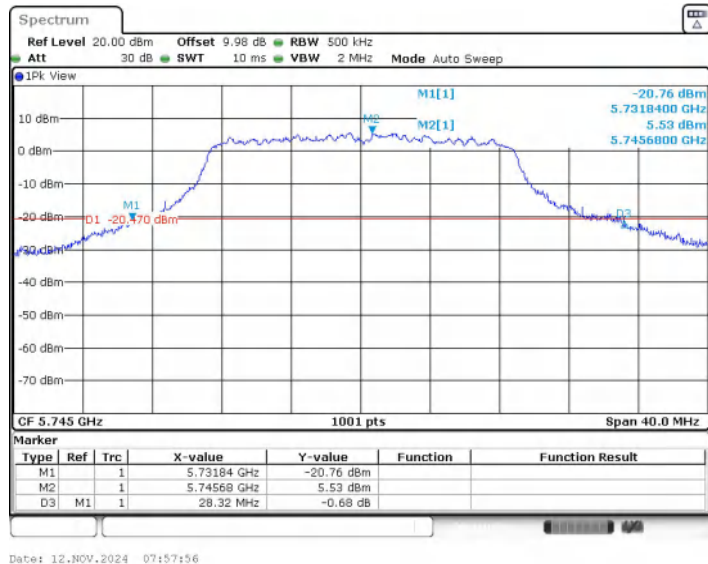
11AC20MIMO_Ant1_5240



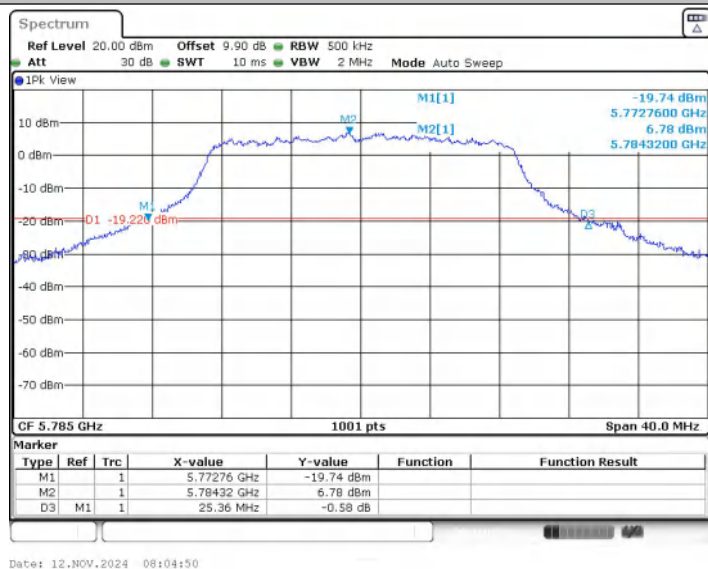
11AC20MIMO_Ant2_5240



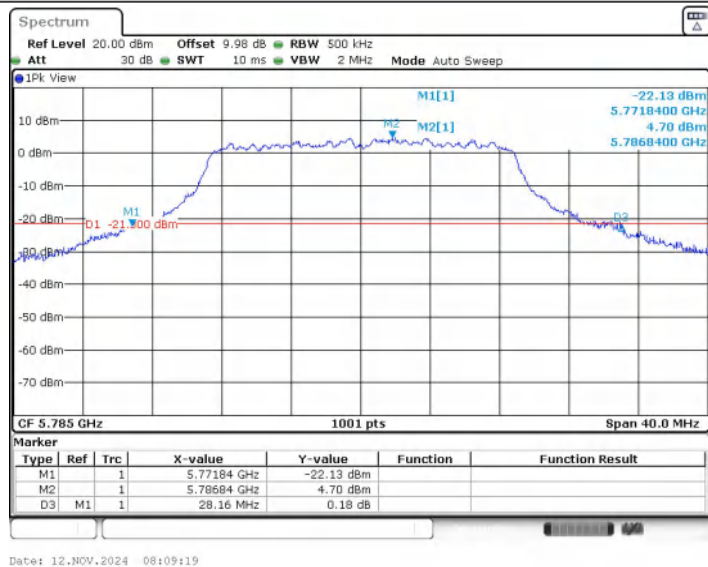
11AC20MIMO_Ant1_5745



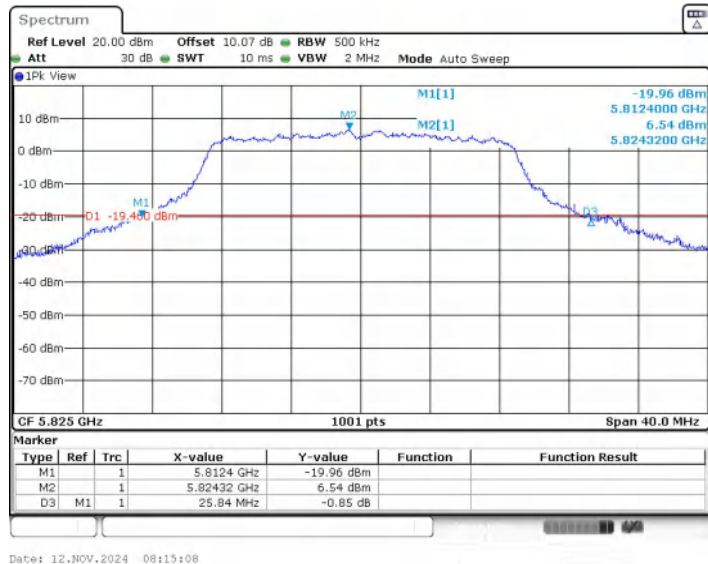
11AC20MIMO_Ant2_5745



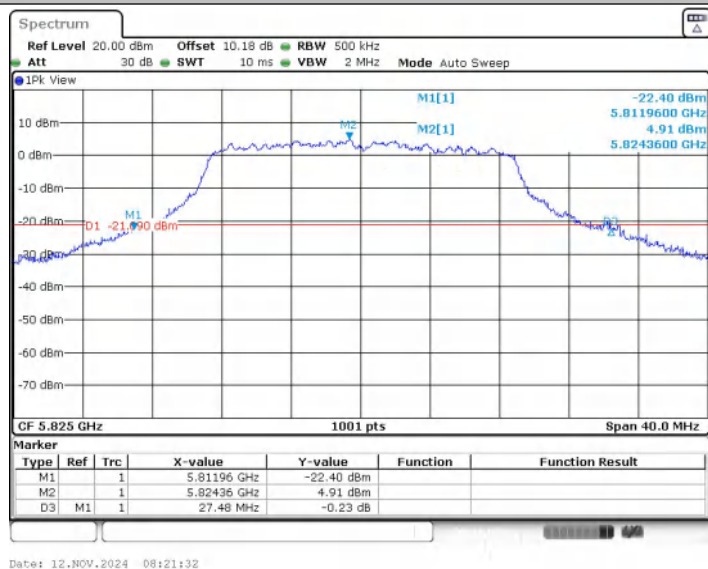
11AC20MIMO_Ant1_5785



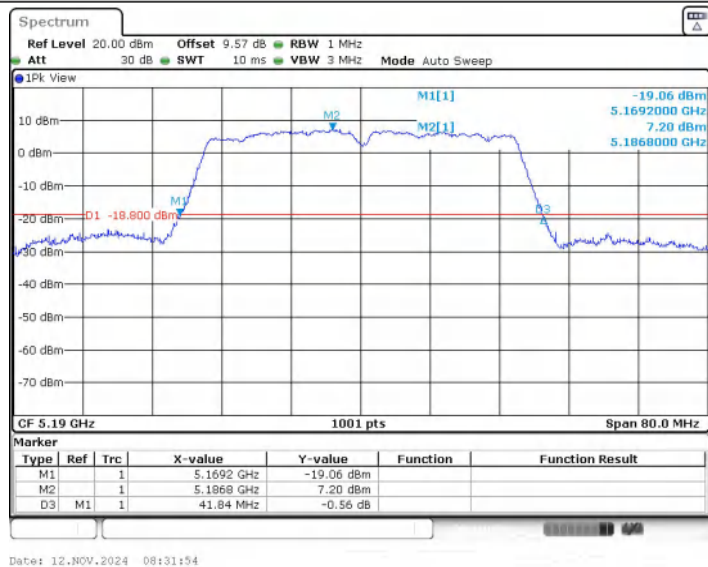
11AC20MIMO_Ant2_5785



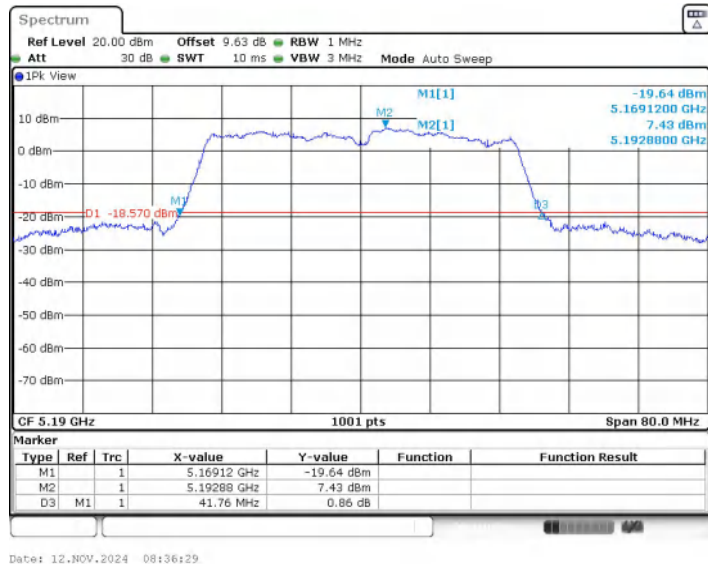
11AC20MIMO_Ant1_5825



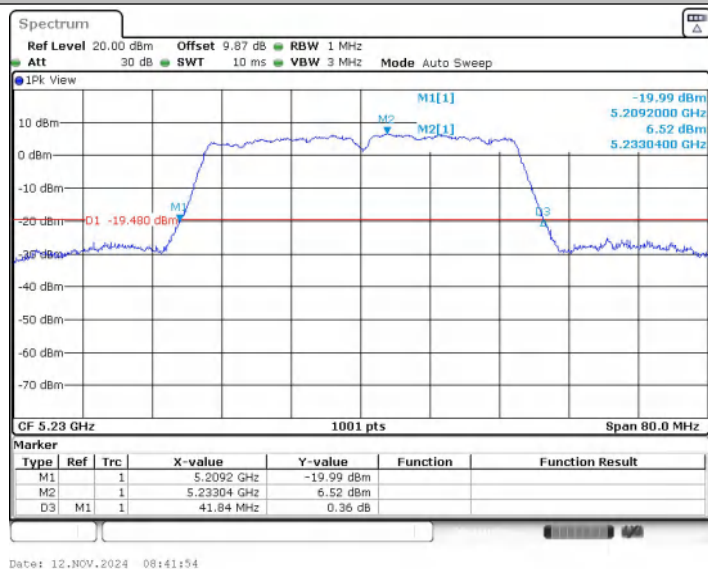
11AC20MIMO_Ant2_5825



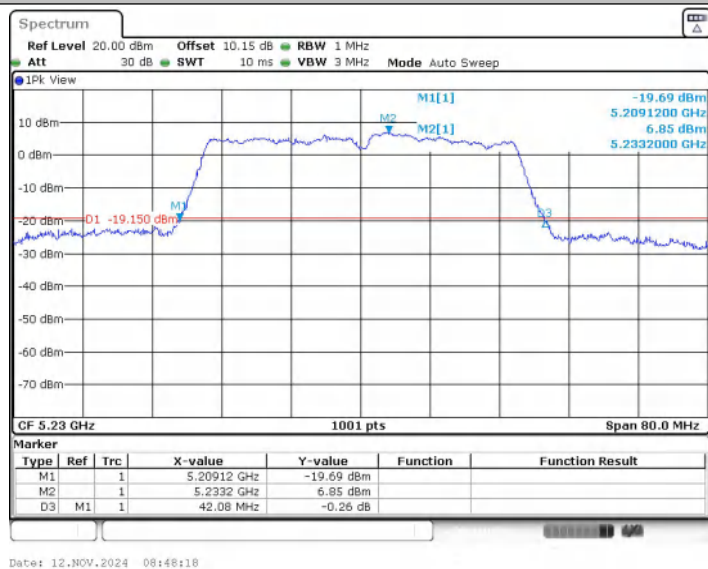
11AC40MIMO_Ant1_5190



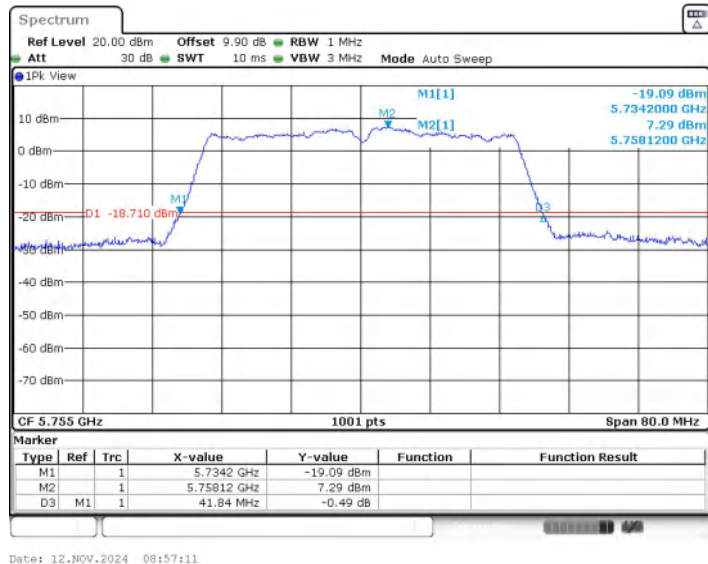
11AC40MIMO_Ant2_5190



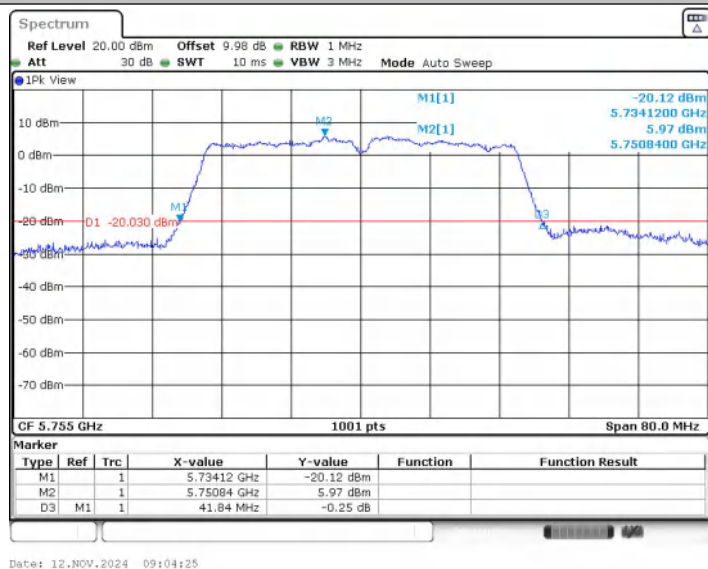
11AC40MIMO_Ant1_5230



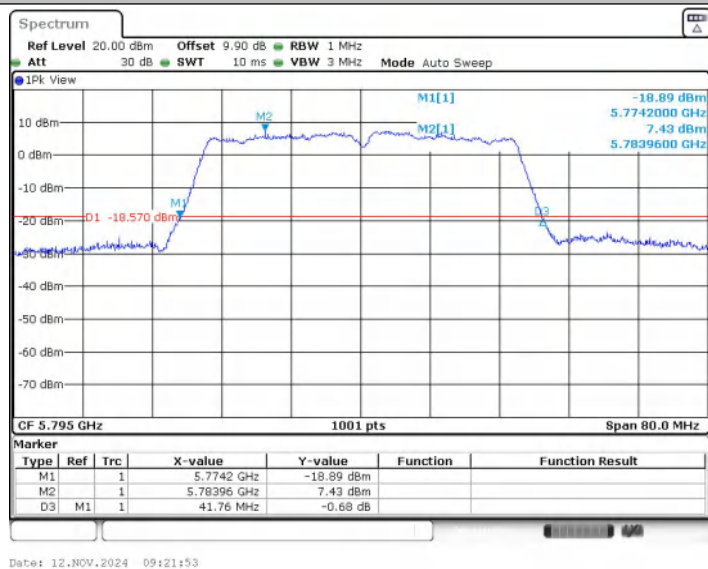
11AC40MIMO_Ant2_5230



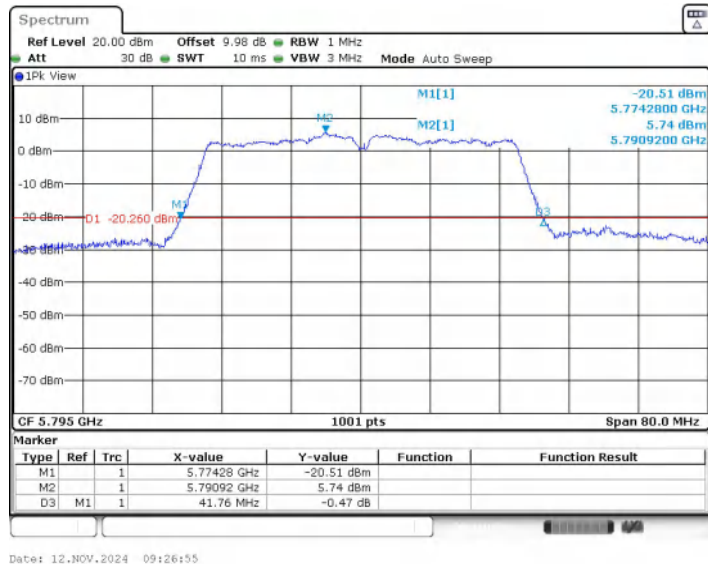
11AC40MIMO_Ant1_5755



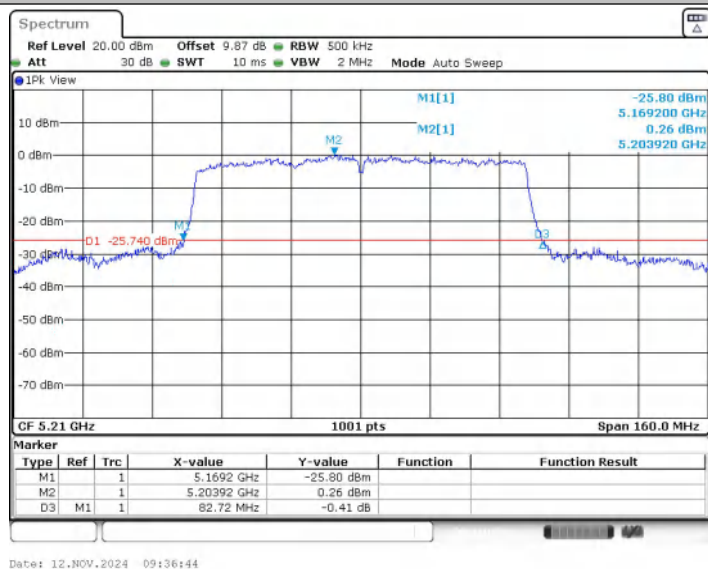
11AC40MIMO_Ant2_5755



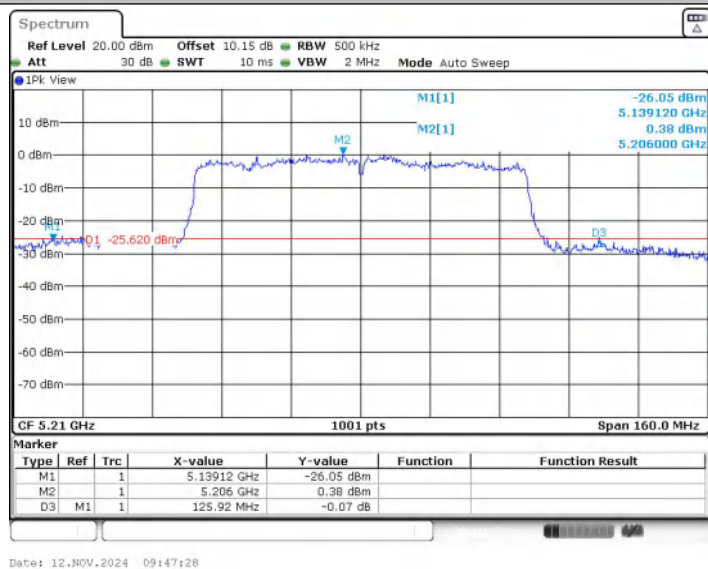
11AC40MIMO_Ant1_5795



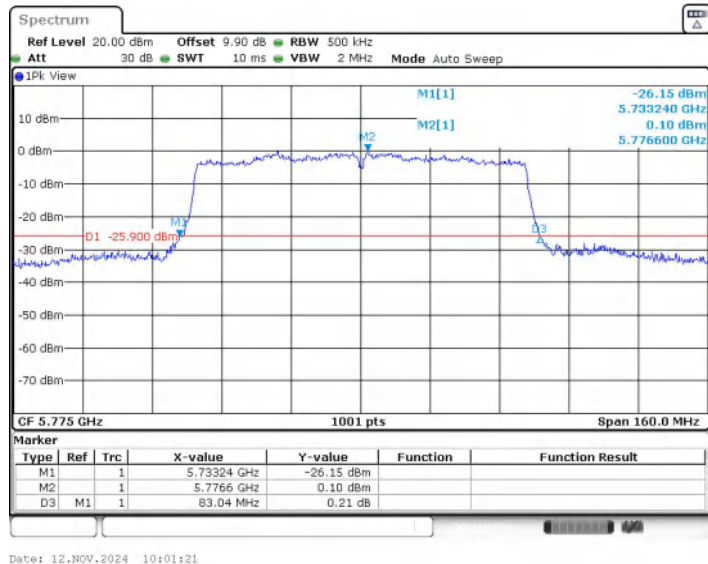
11AC40MIMO_Ant2_5795



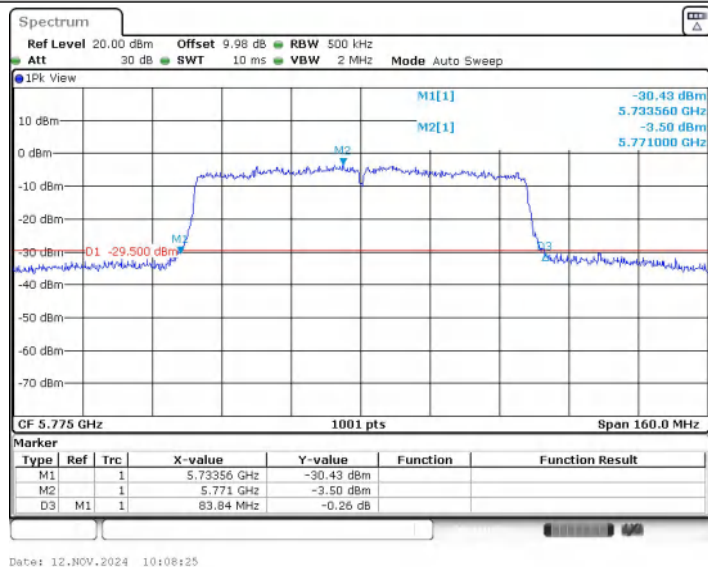
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775

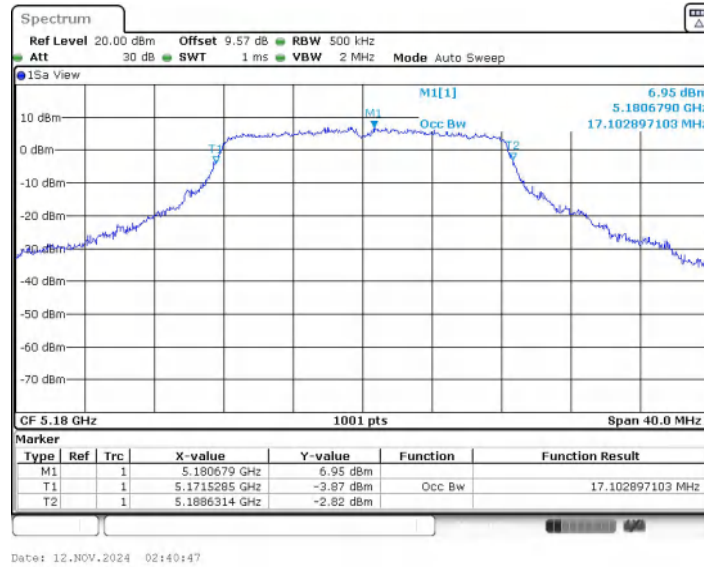
Appendix A2: Occupied channel bandwidth

Test Result

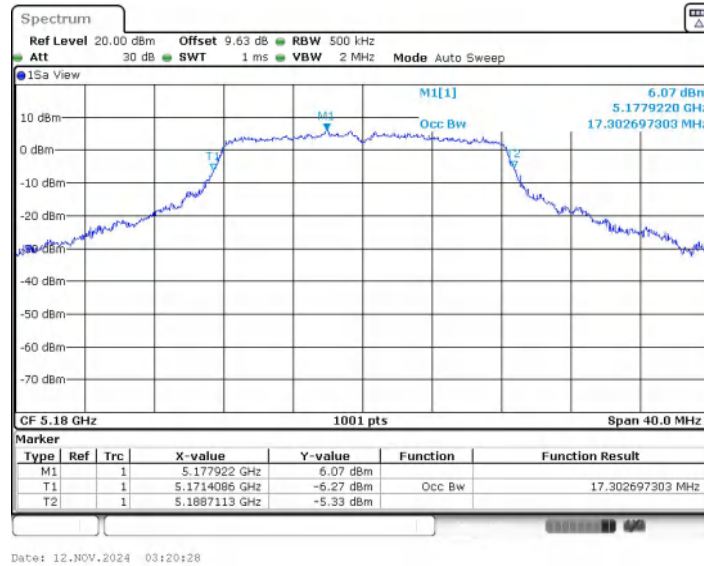
TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	17.103	5171.5285	5188.6314	---	---
	Ant2	5180	17.303	5171.4086	5188.7113	---	---
	Ant1	5220	17.063	5211.5684	5228.6314	---	---
	Ant2	5220	17.223	5211.4486	5228.6713	---	---
	Ant1	5240	17.023	5231.6084	5248.6314	---	---
	Ant2	5240	17.223	5231.4486	5248.6713	---	---
	Ant1	5745	17.063	5736.5684	5753.6314	---	---
	Ant2	5745	17.263	5736.4885	5753.7512	---	---
	Ant1	5785	17.143	5776.5285	5793.6713	---	---
	Ant2	5785	17.223	5776.5285	5793.7512	---	---
	Ant1	5825	17.183	5816.4885	5833.6713	---	---
	Ant2	5825	17.223	5816.4486	5833.6713	---	---
11N20MIMO	Ant1	5180	18.342	5170.9291	5189.2707	---	---
	Ant2	5180	18.501	5170.8092	5189.3107	---	---
	Ant1	5220	18.302	5210.9690	5229.2707	---	---
	Ant2	5220	18.302	5210.9690	5229.2707	---	---
	Ant1	5240	18.142	5231.0490	5249.1908	---	---
	Ant2	5240	18.302	5230.9291	5249.2308	---	---
	Ant1	5745	18.302	5735.9690	5754.2707	---	---
	Ant2	5745	18.262	5736.0090	5754.2707	---	---
	Ant1	5785	18.222	5776.0090	5794.2308	---	---
	Ant2	5785	18.302	5776.0090	5794.3107	---	---
	Ant1	5825	18.302	5815.9291	5834.2308	---	---
	Ant2	5825	18.222	5816.0090	5834.2308	---	---
11N40MIMO	Ant1	5190	36.523	5171.9381	5208.4615	---	---
	Ant2	5190	36.444	5171.7782	5208.2218	---	---
	Ant1	5230	36.603	5211.9381	5248.5415	---	---
	Ant2	5230	36.523	5211.7782	5248.3017	---	---
	Ant1	5755	36.603	5736.8581	5773.4615	---	---
	Ant2	5755	36.523	5736.8581	5773.3816	---	---
	Ant1	5795	36.523	5776.8581	5813.3816	---	---
	Ant2	5795	36.364	5776.9381	5813.3017	---	---
11AC20MIMO	Ant1	5180	18.382	5170.8891	5189.2707	---	---
	Ant2	5180	18.541	5170.7692	5189.3107	---	---
	Ant1	5220	18.302	5210.9690	5229.2707	---	---
	Ant2	5220	18.262	5210.9690	5229.2308	---	---
	Ant1	5240	18.342	5231.0090	5249.3506	---	---
	Ant2	5240	18.222	5230.9690	5249.1908	---	---
	Ant1	5745	18.382	5735.9291	5754.3107	---	---
	Ant2	5745	18.302	5735.9690	5754.2707	---	---
	Ant1	5785	18.182	5776.0490	5794.2308	---	---
	Ant2	5785	18.302	5776.0090	5794.3107	---	---

	Ant1	5825	18.302	5815.9690	5834.2707	---	---
	Ant2	5825	18.222	5816.0090	5834.2308	---	---
11AC40MIMO	Ant1	5190	36.364	5171.9381	5208.3017	---	---
	Ant2	5190	36.444	5171.7782	5208.2218	---	---
	Ant1	5230	36.444	5211.9381	5248.3816	---	---
	Ant2	5230	36.523	5211.7782	5248.3017	---	---
	Ant1	5755	36.523	5736.8581	5773.3816	---	---
	Ant2	5755	36.444	5736.8581	5773.3017	---	---
	Ant1	5795	36.444	5776.9381	5813.3816	---	---
	Ant2	5795	36.523	5776.8581	5813.3816	---	---
11AC80MIMO	Ant1	5210	75.764	5172.4376	5248.2018	---	---
	Ant2	5210	76.084	5171.9580	5248.0420	---	---
	Ant1	5775	75.924	5737.1179	5813.0420	---	---
	Ant2	5775	75.764	5737.1179	5812.8821	---	---

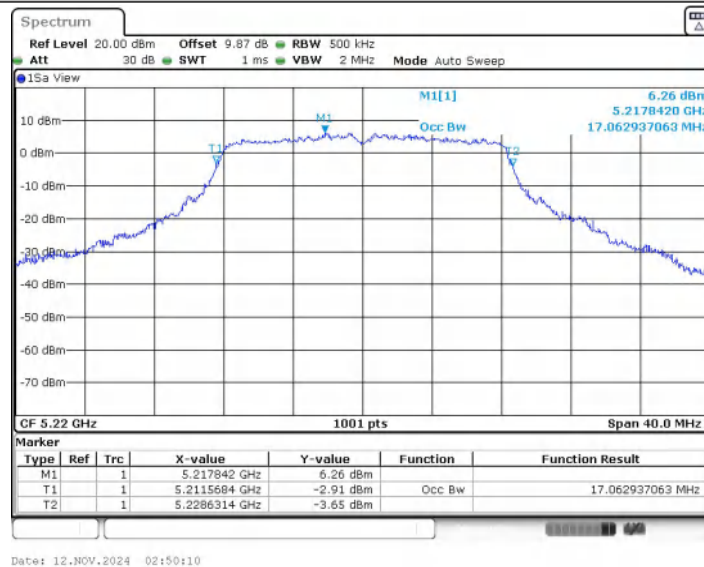
Test Graphs



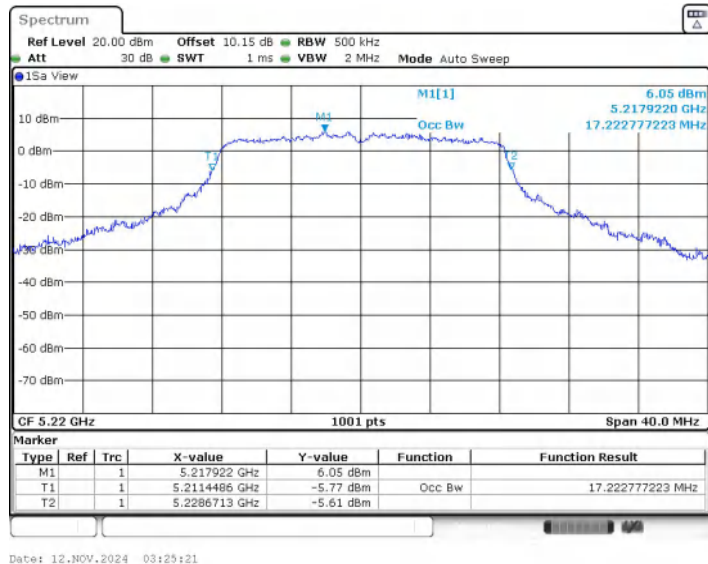
11A_Ant1_5180



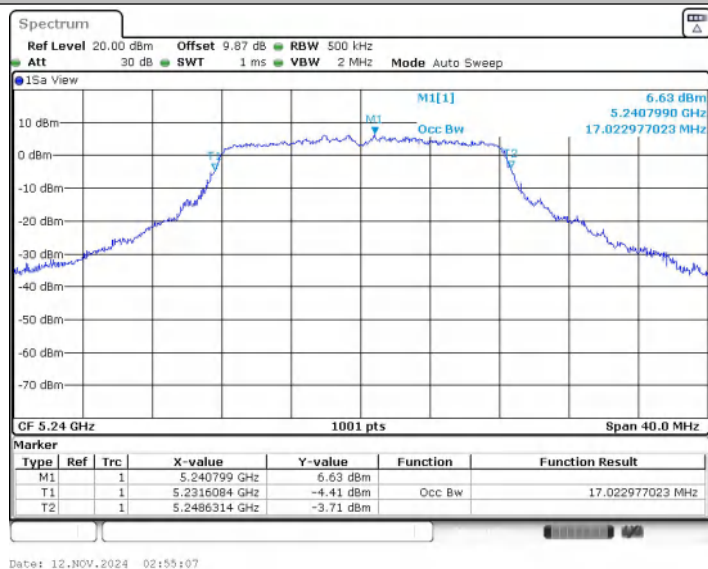
11A_Ant2_5180



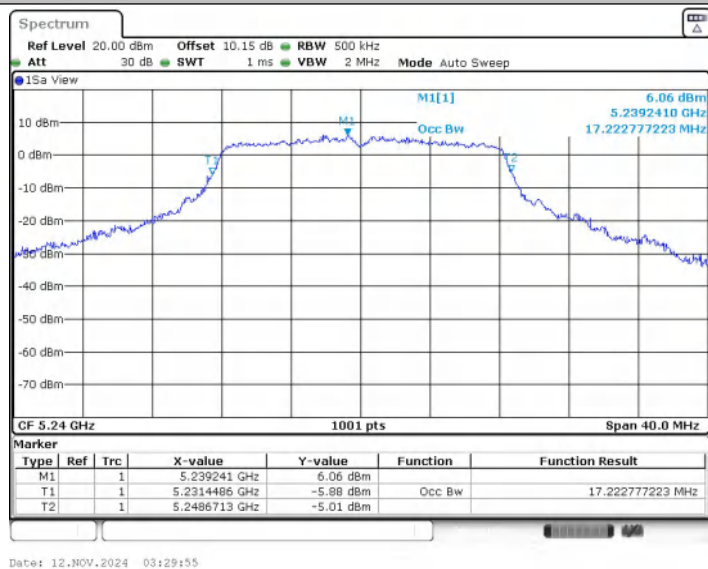
11A_Ant1_5220



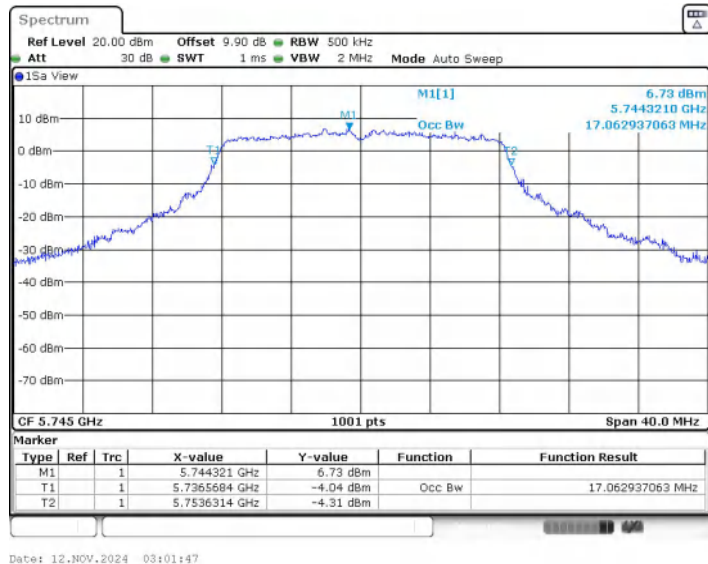
11A_Ant2_5220



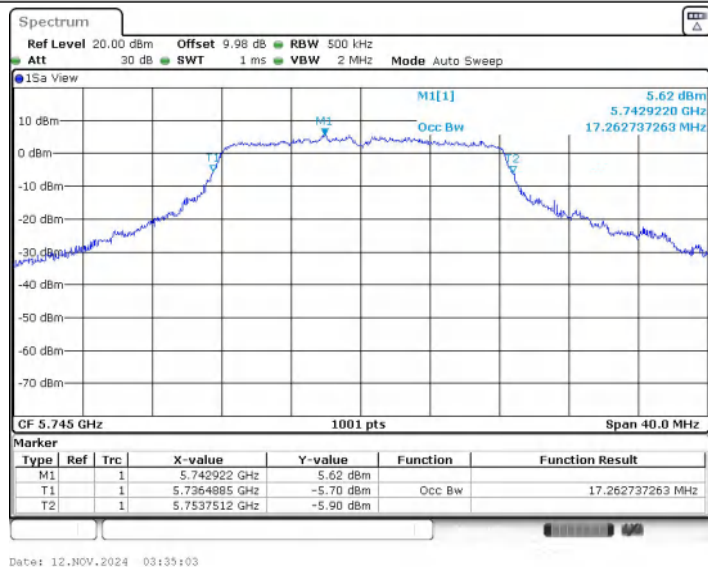
11A_Ant1_5240



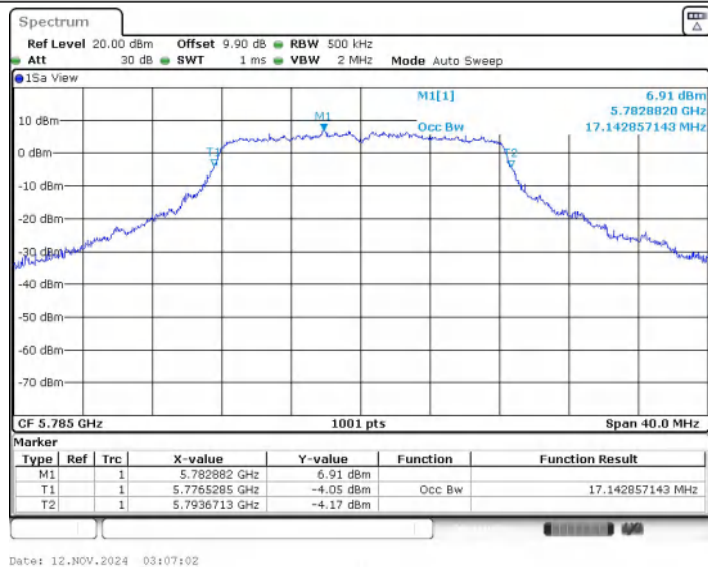
11A_Ant2_5240



11A_Ant1_5745



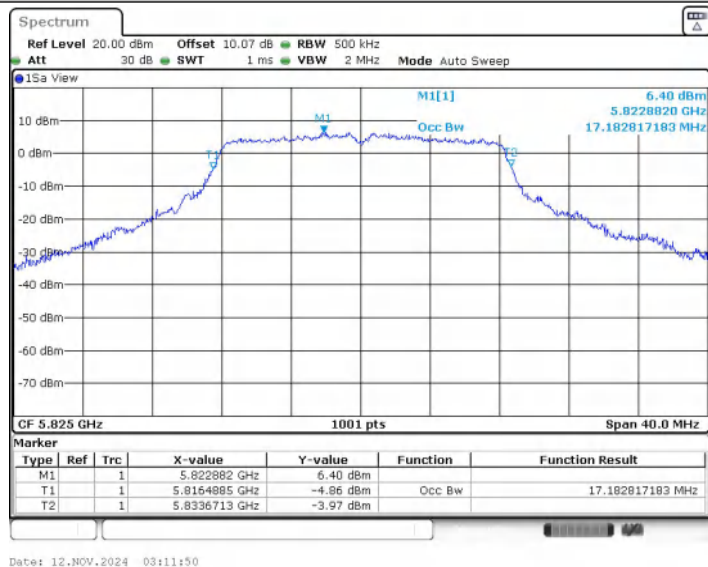
11A_Ant2_5745



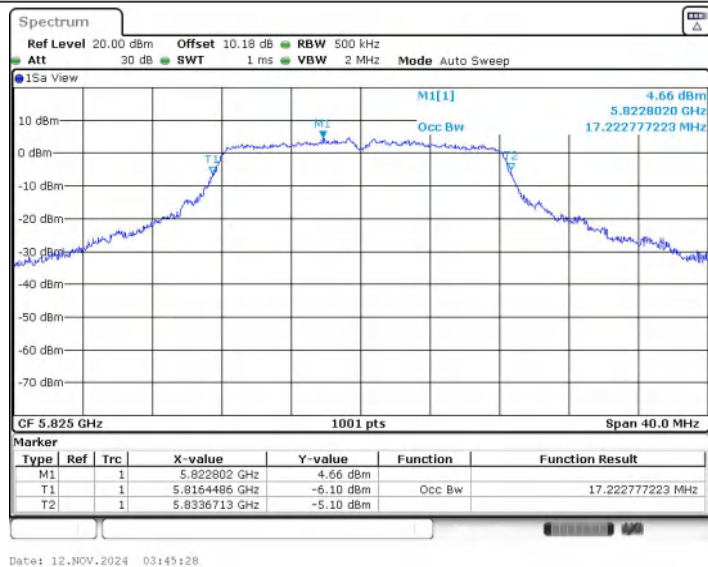
11A_Ant1_5785



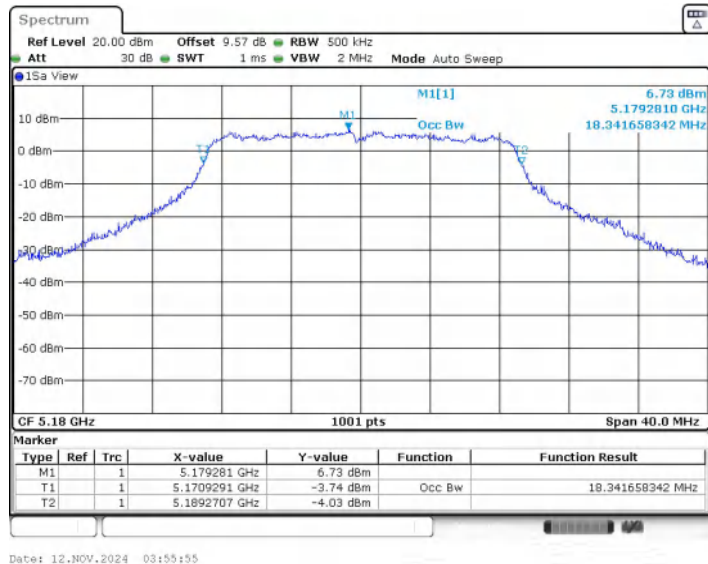
11A_Ant2_5785



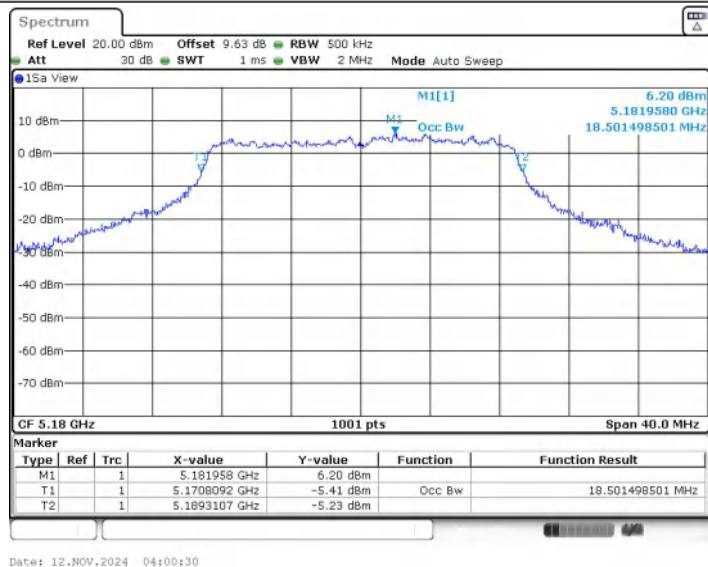
11A_Ant1_5825



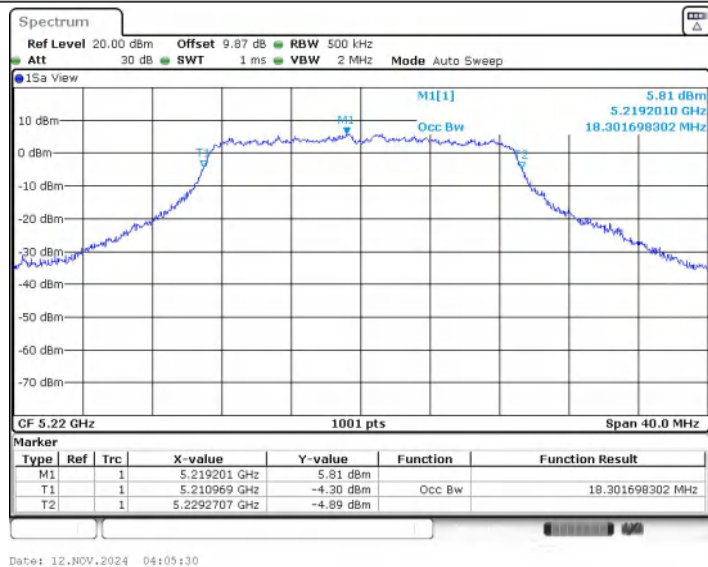
11A_Ant2_5825



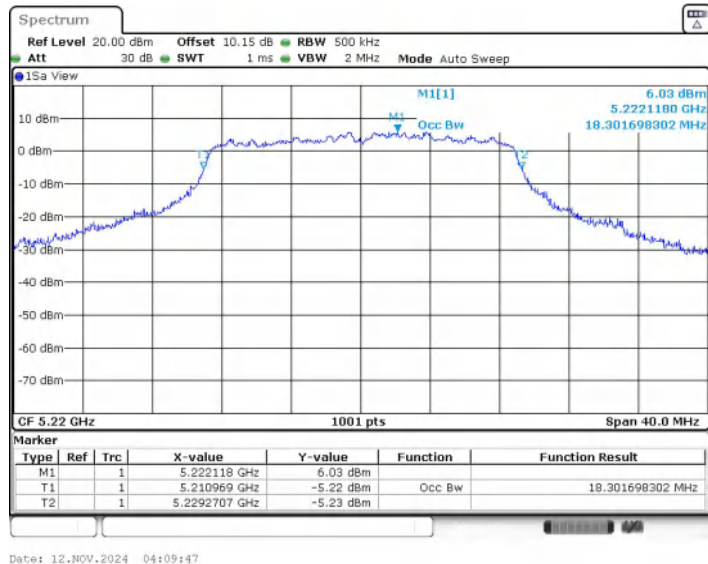
11N20MIMO_Ant1_5180



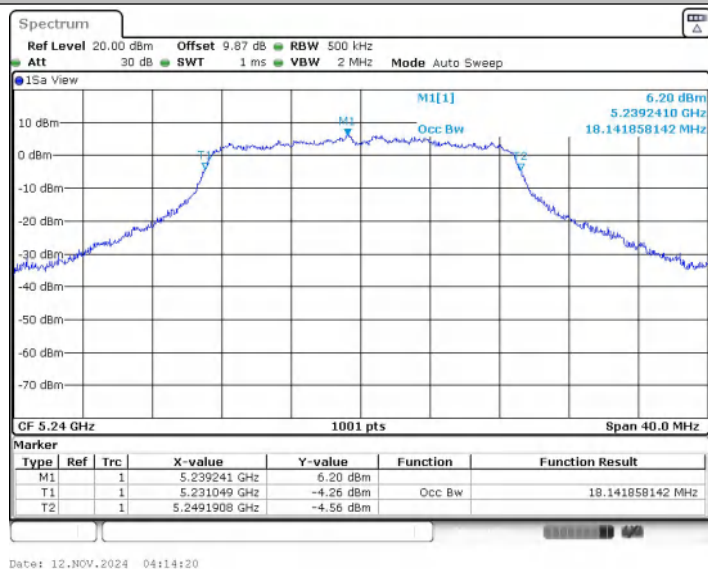
11N20MIMO_Ant2_5180



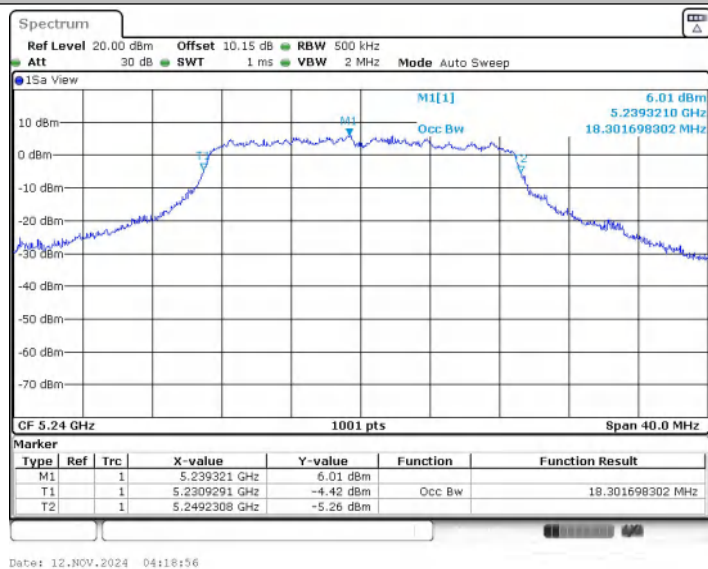
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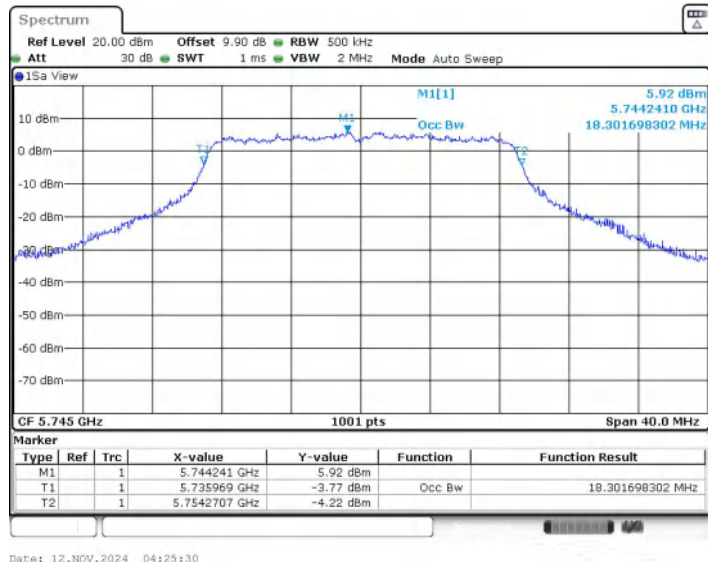
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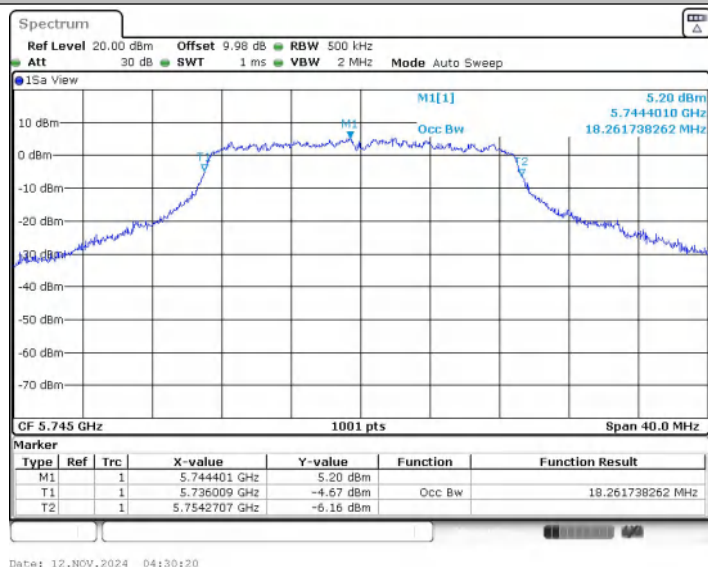
11N20MIMO_Ant1_5240



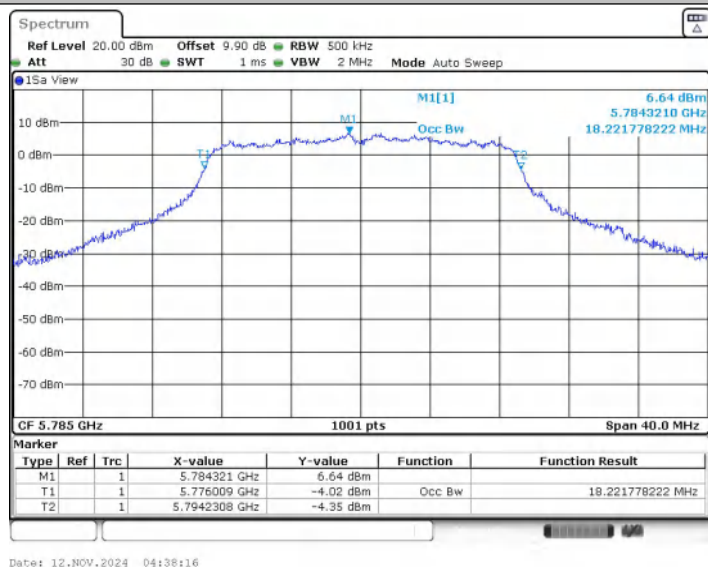
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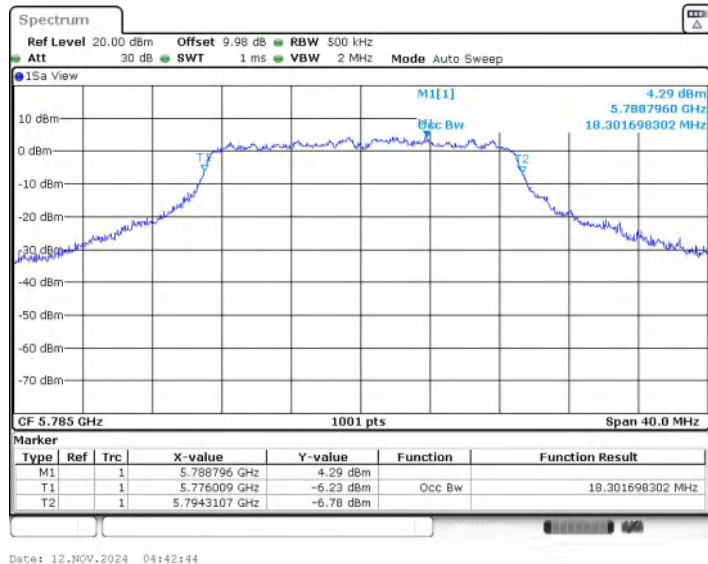
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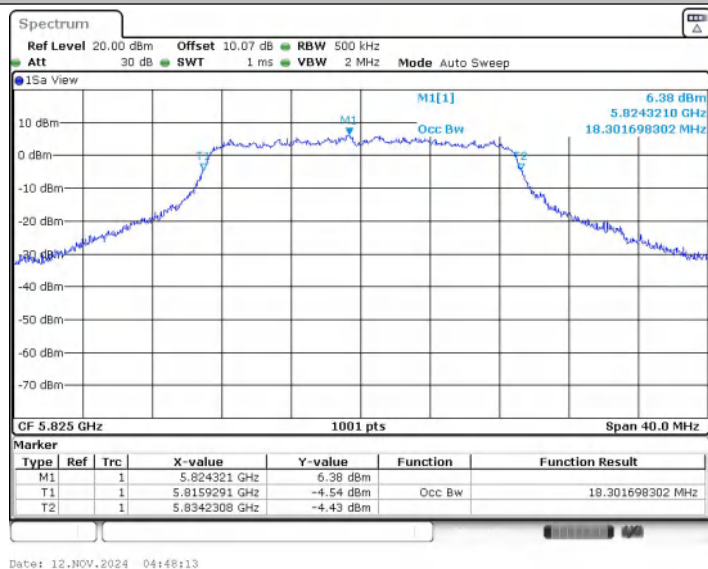
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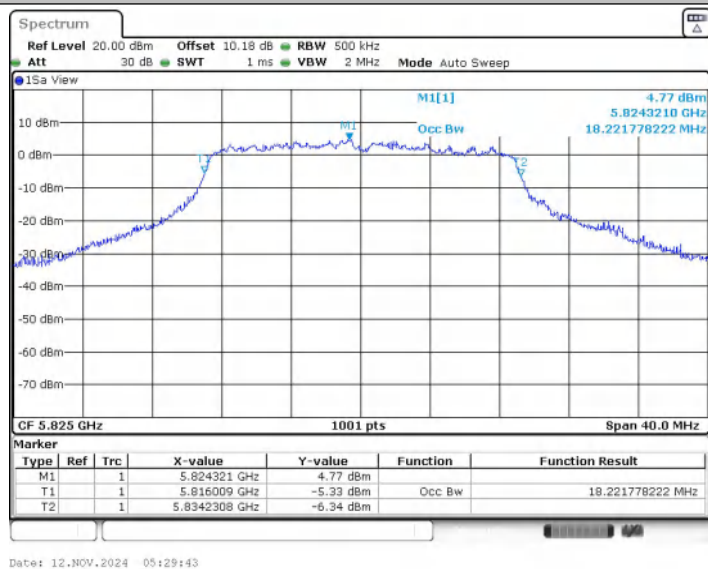
11N20MIMO_Ant1_5785



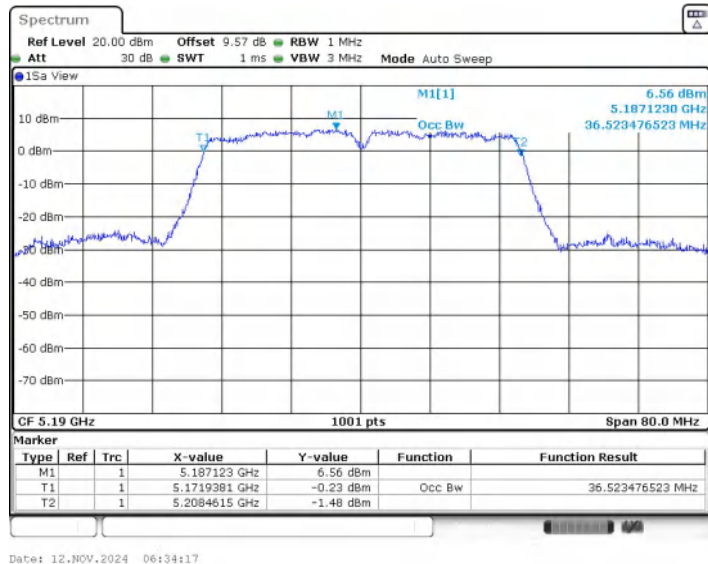
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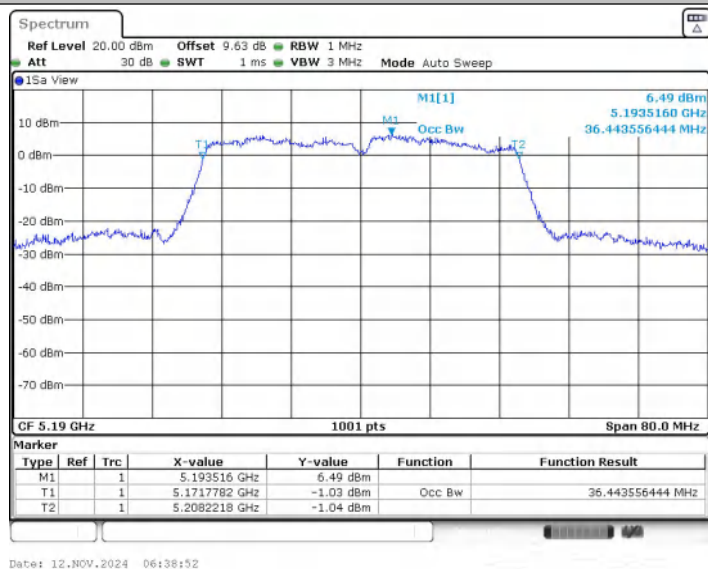
11N20MIMO_Ant1_5825



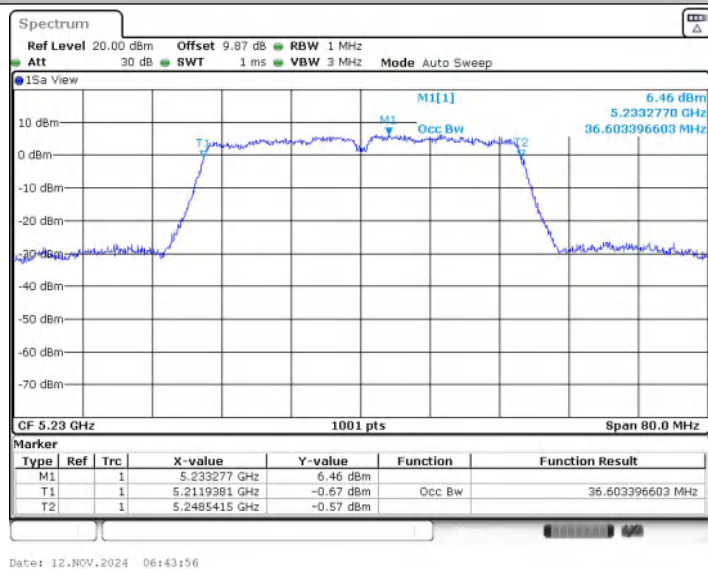
11N20MIMO_Ant2_5825



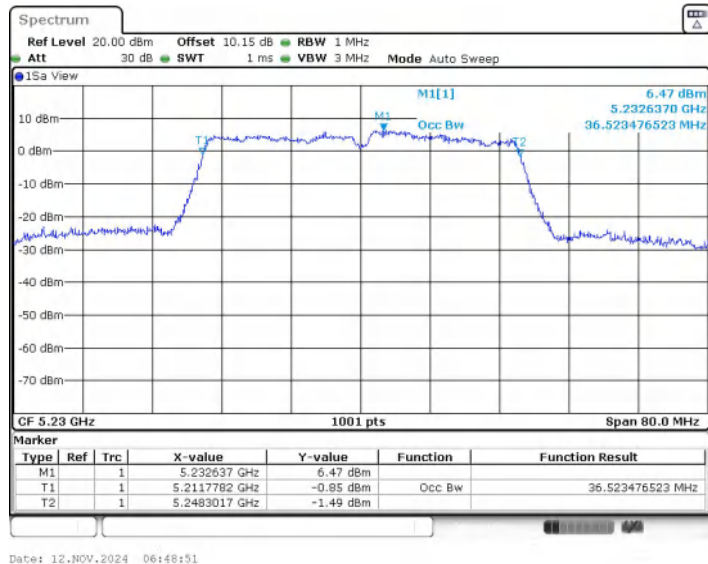
11N40MIMO_Ant1_5190



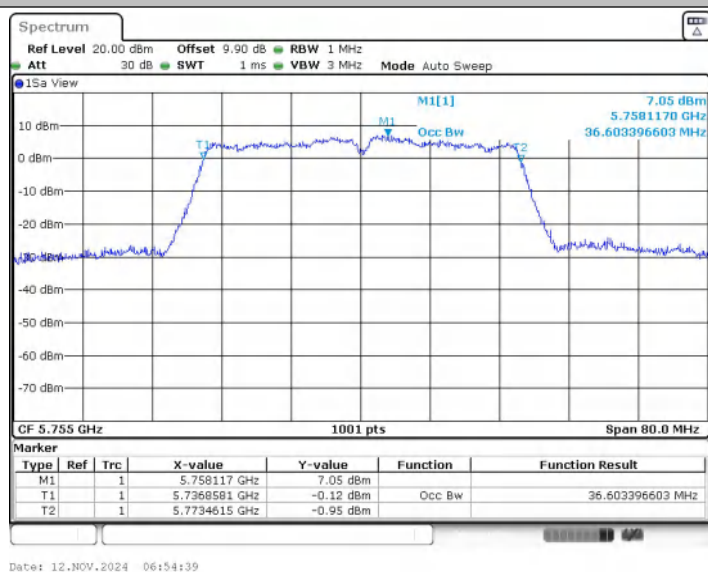
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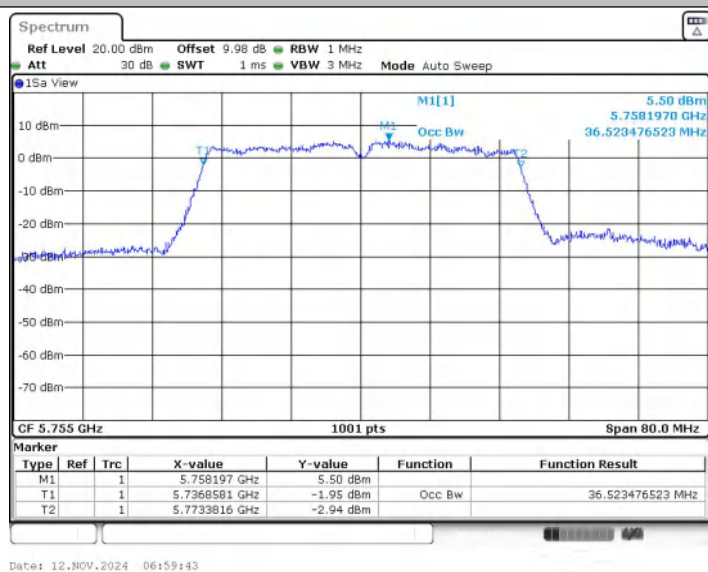
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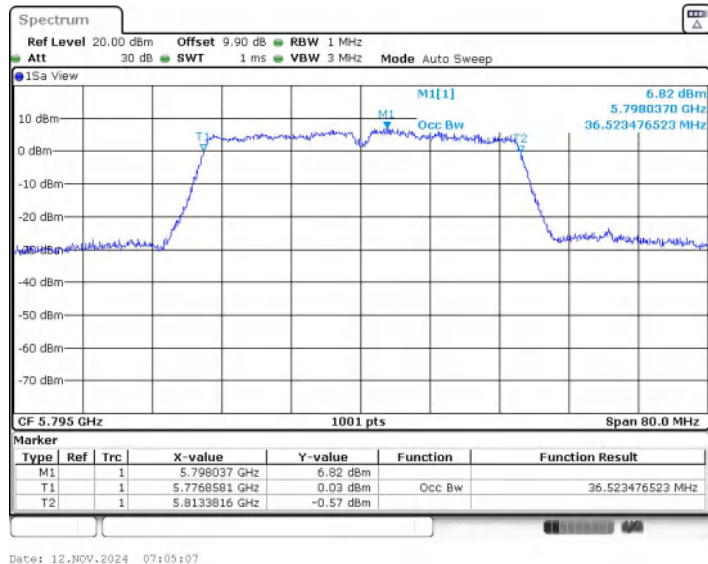
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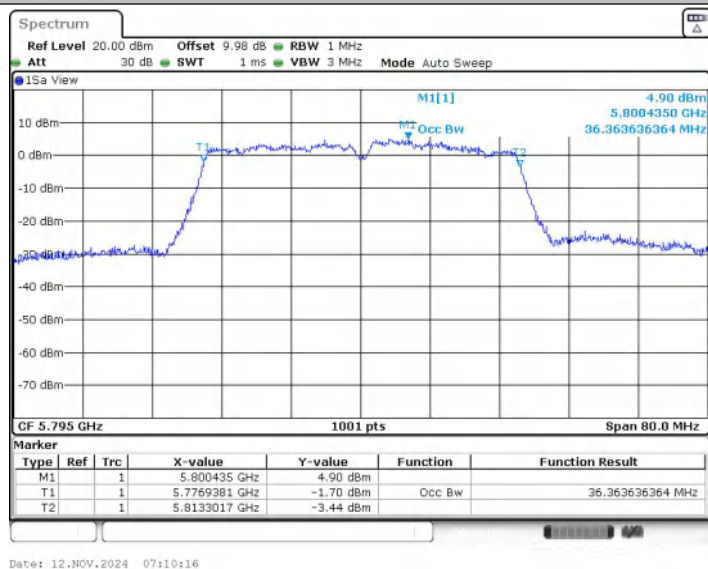
11N40MIMO_Ant1_5755



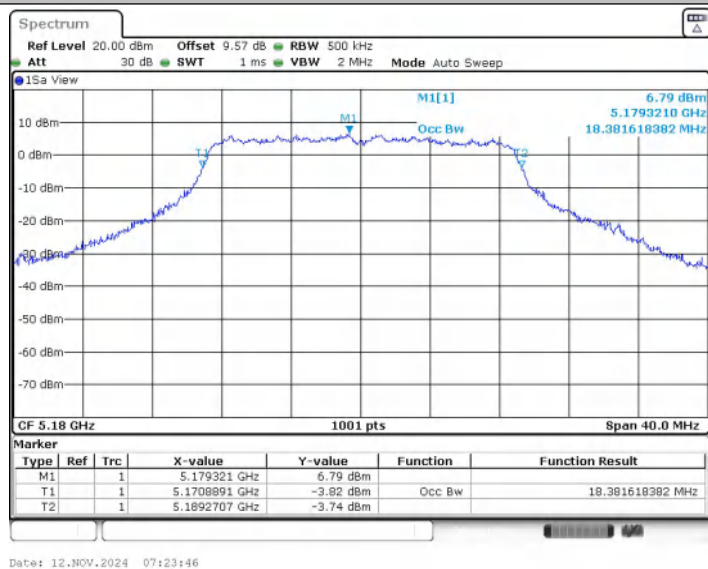
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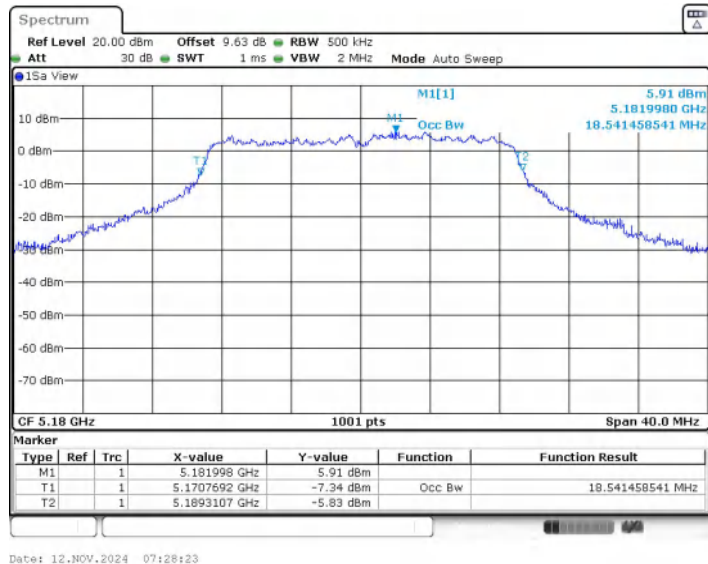
11N40MIMO_Ant1_5795



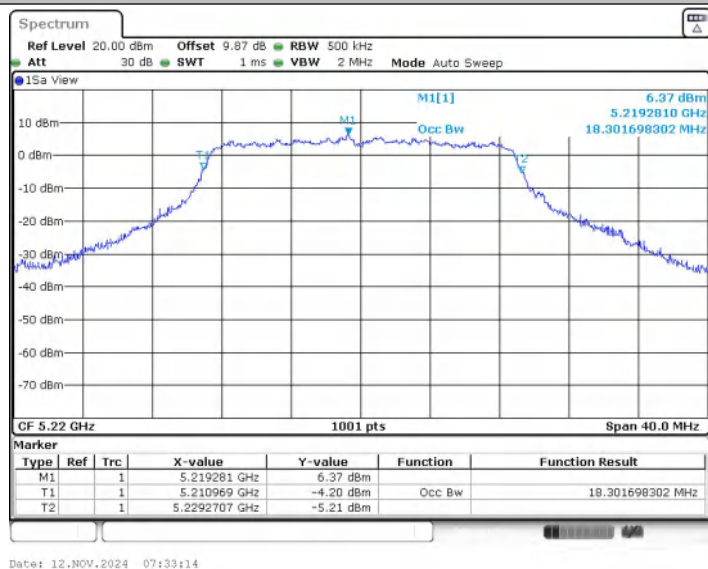
11N40MIMO_Ant2_5795



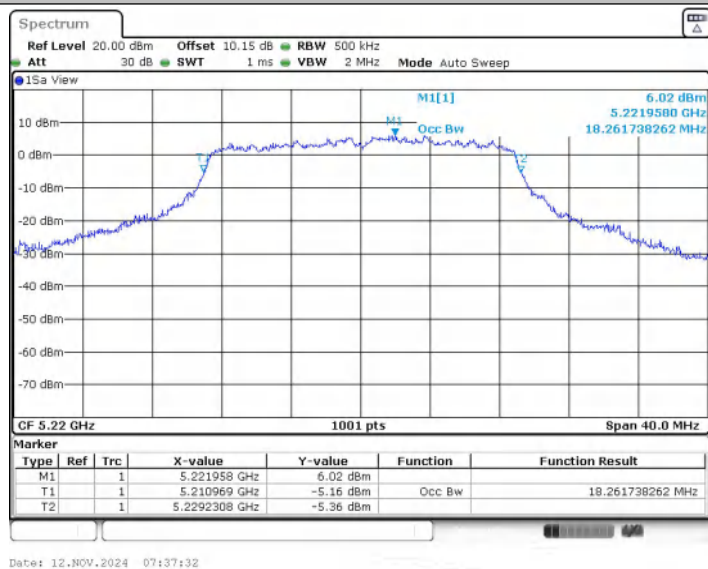
11AC20MIMO_Ant1_5180



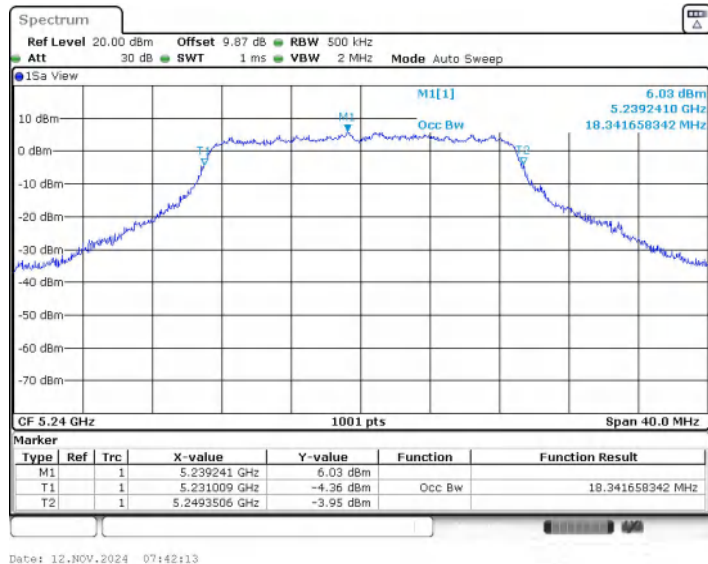
11AC20MIMO_Ant2_5180



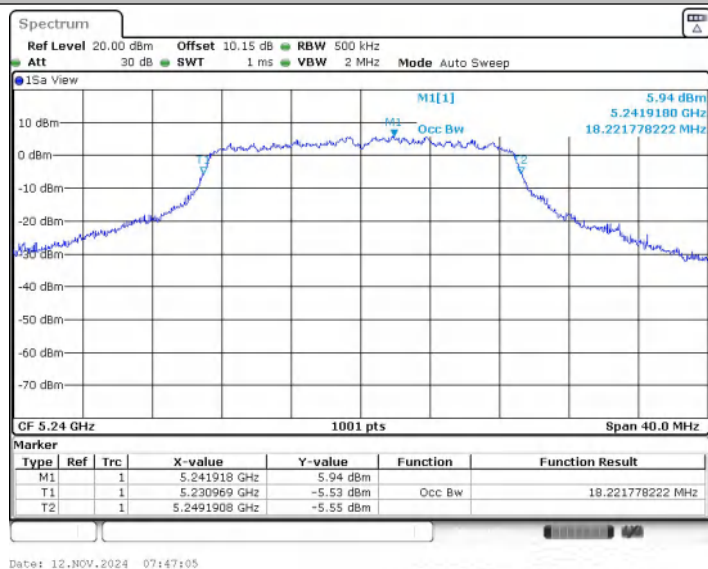
11AC20MIMO_Ant1_5220



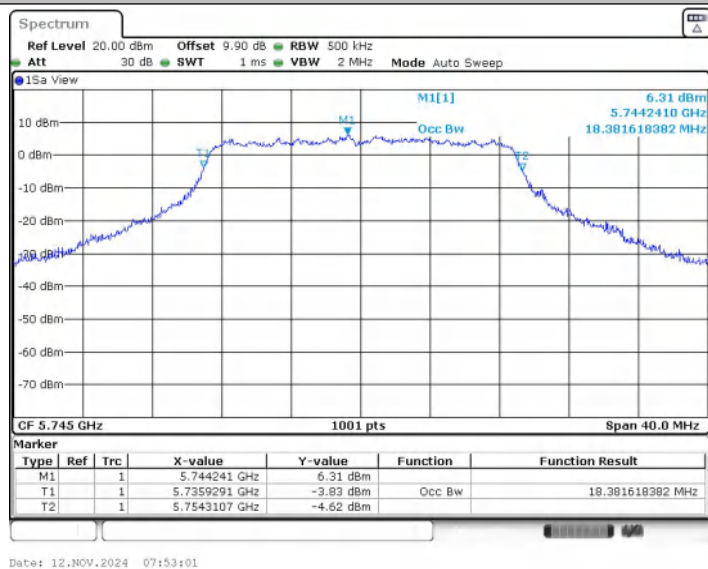
11AC20MIMO_Ant2_5220



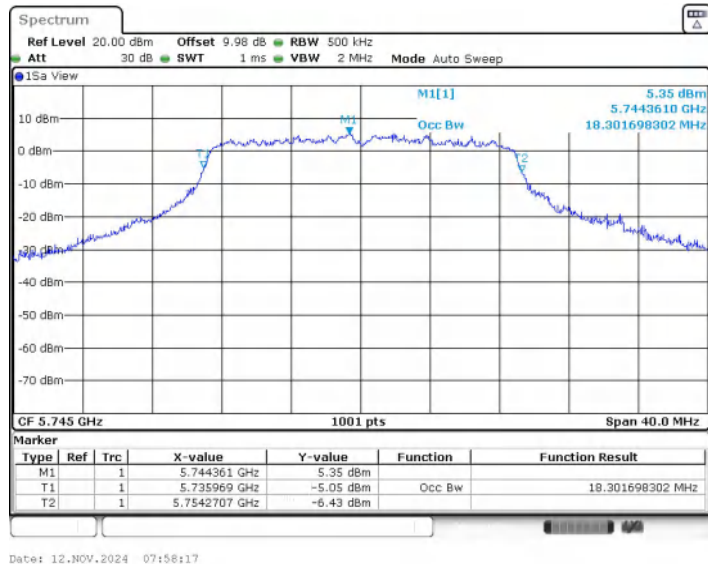
11AC20MIMO_Ant1_5240



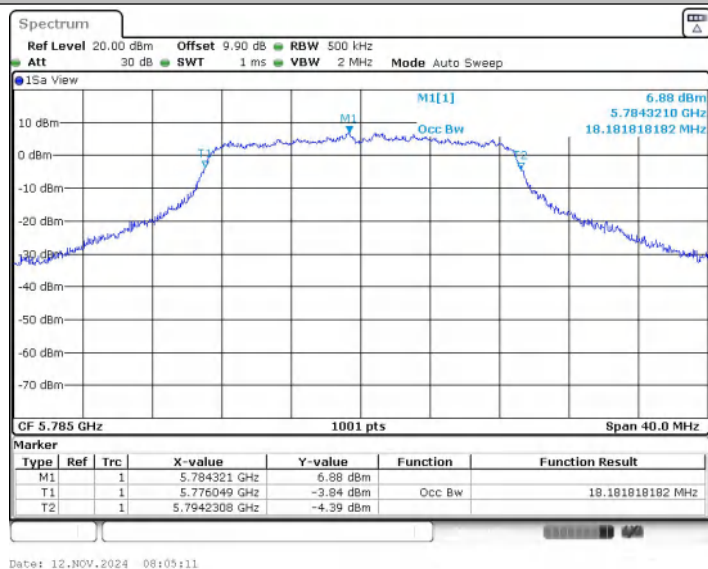
11AC20MIMO_Ant2_5240



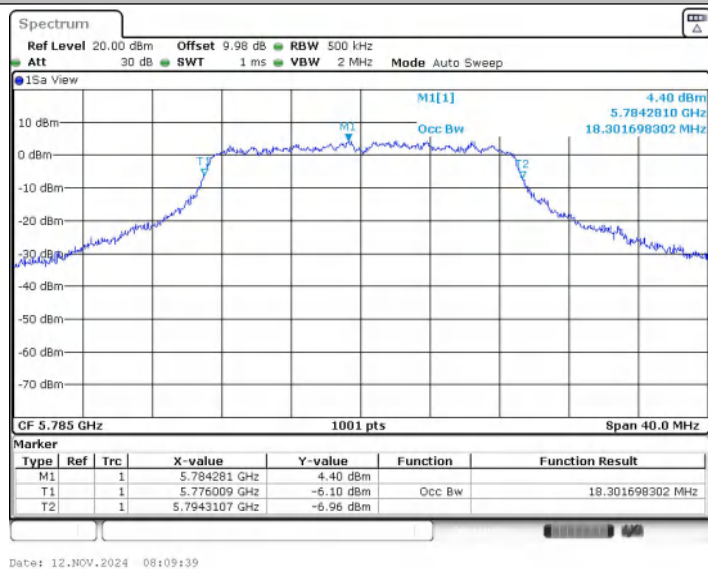
11AC20MIMO_Ant1_5745



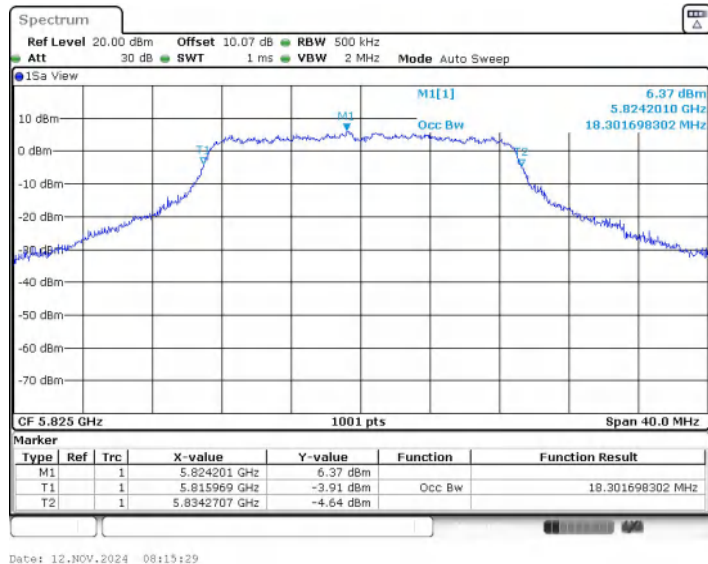
11AC20MIMO_Ant2_5745



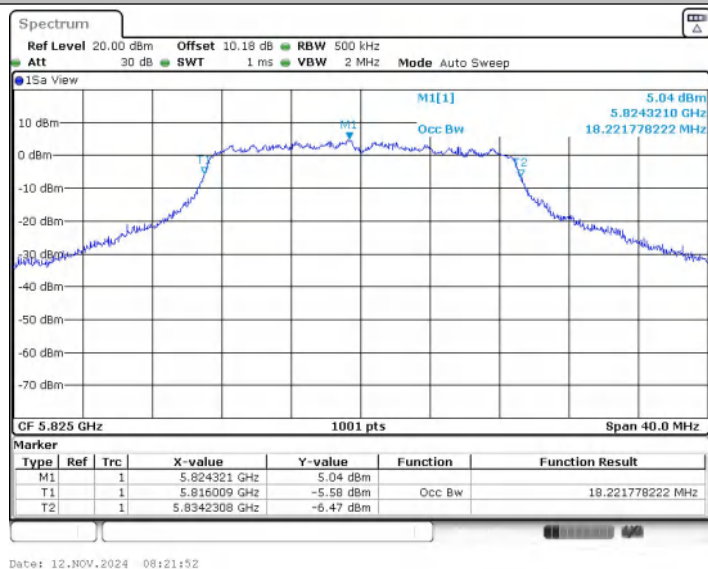
11AC20MIMO_Ant1_5785



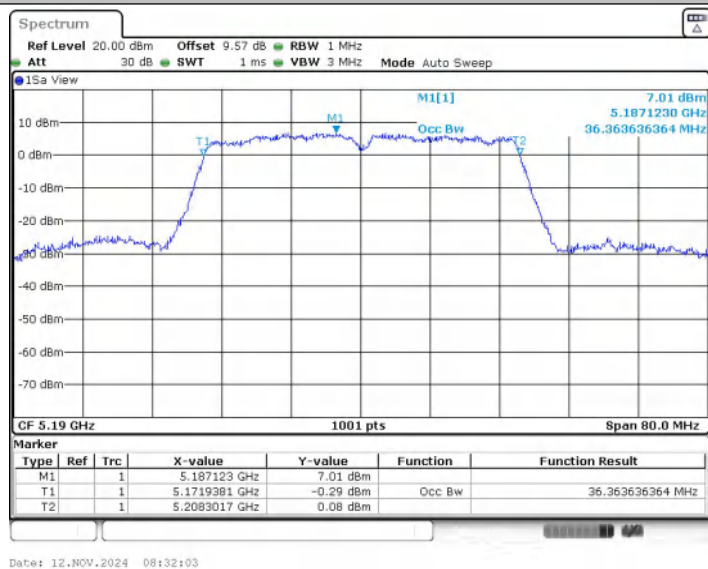
11AC20MIMO_Ant2_5785



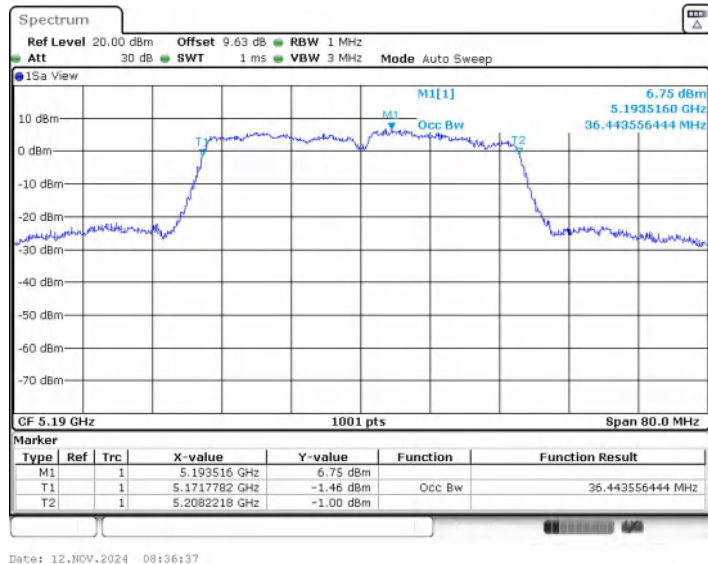
11AC20MIMO_Ant1_5825



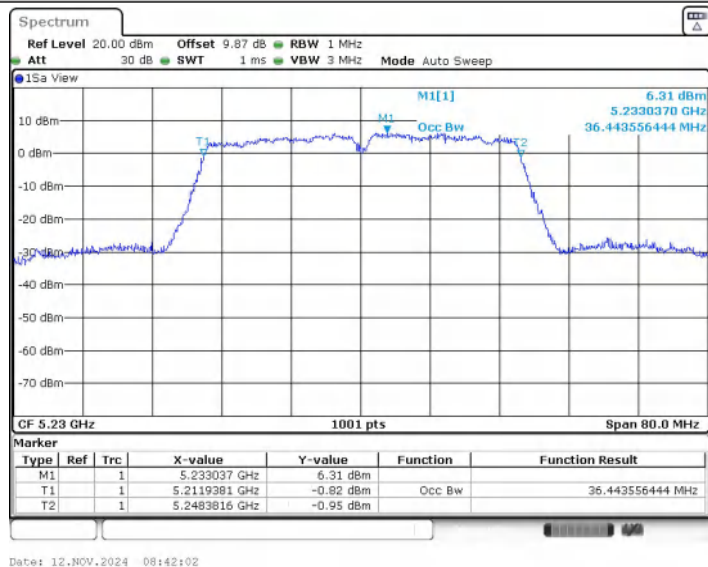
11AC20MIMO_Ant2_5825



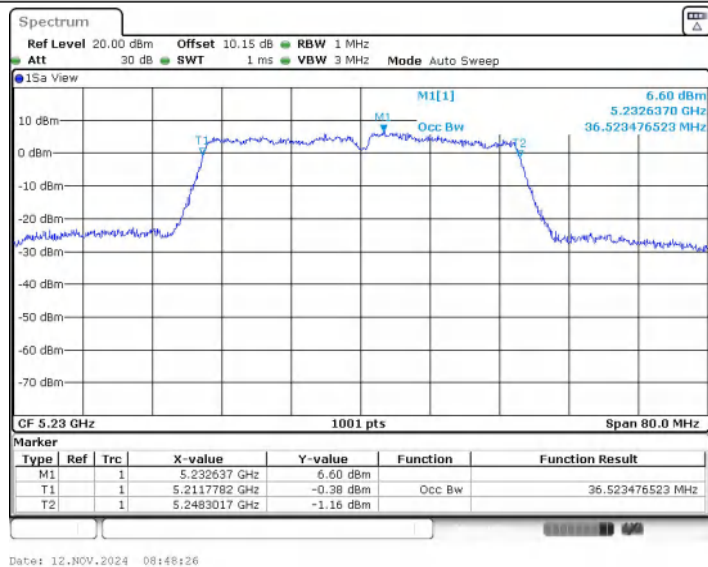
11AC40MIMO_Ant1_5190



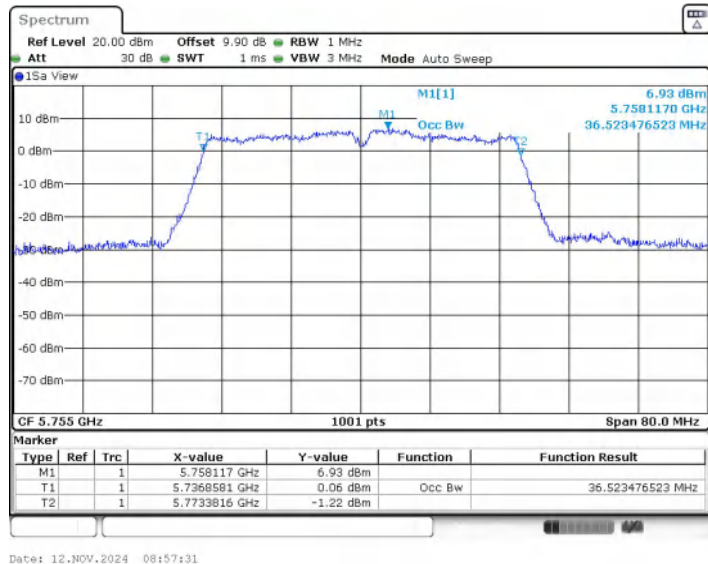
11AC40MIMO_Ant2_5190



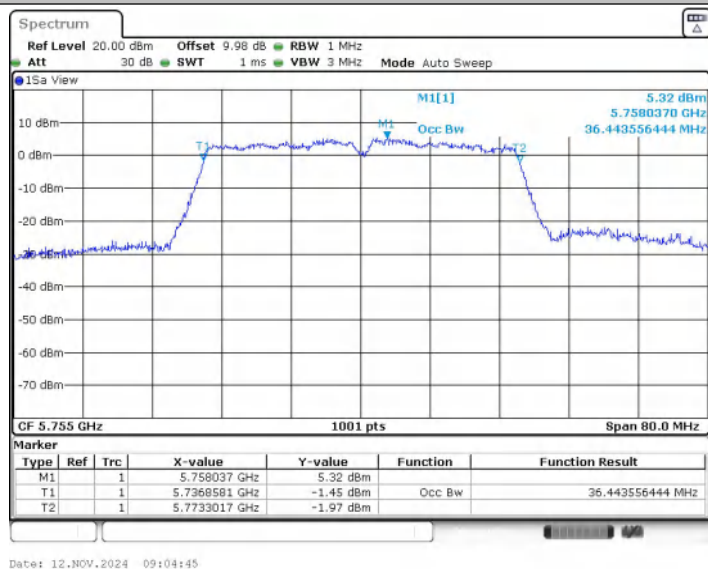
11AC40MIMO_Ant1_5230



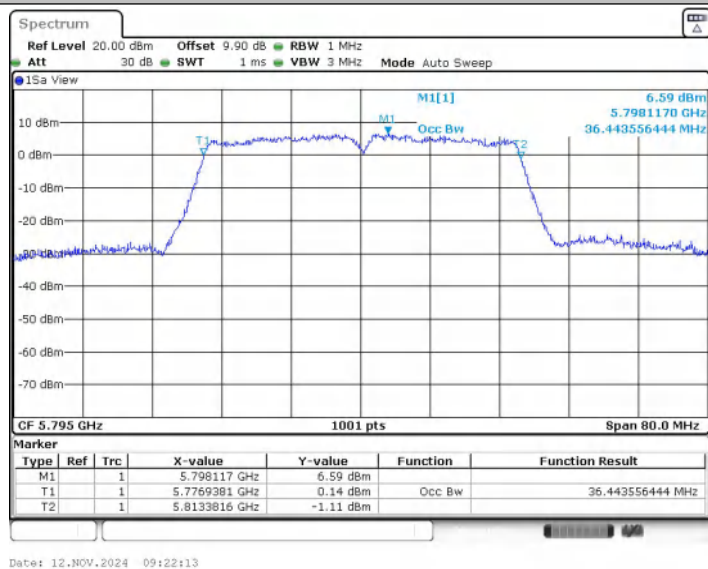
11AC40MIMO_Ant2_5230



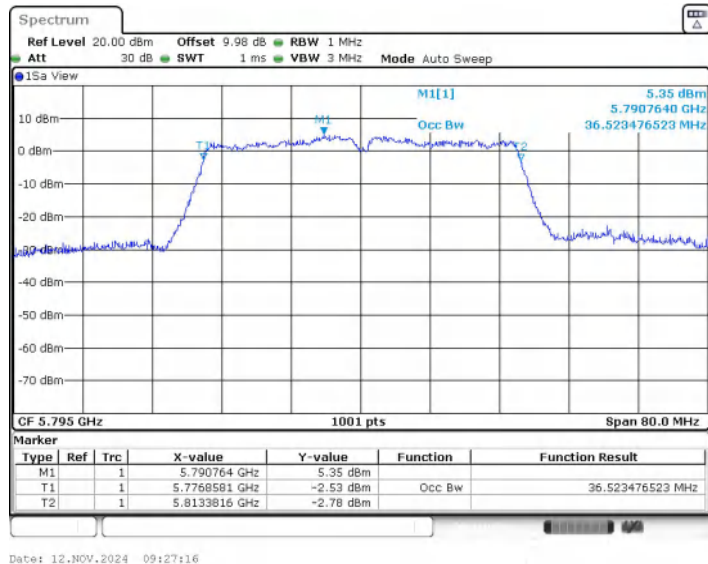
11AC40MIMO_Ant1_5755



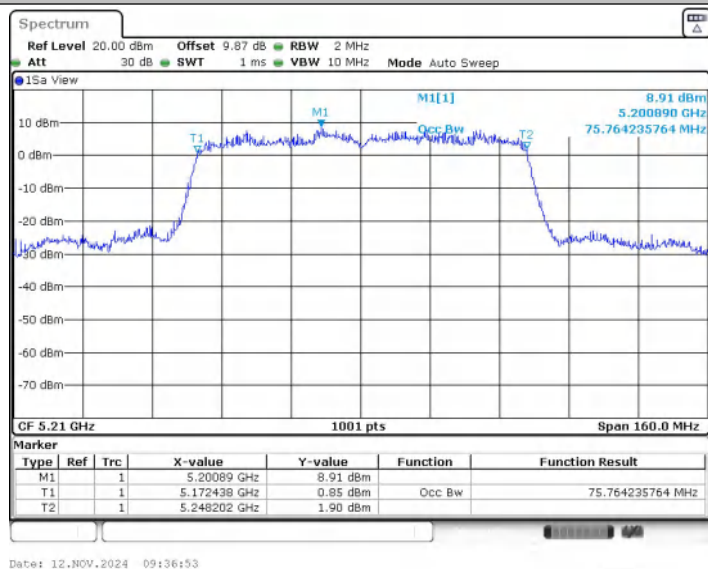
11AC40MIMO_Ant2_5755



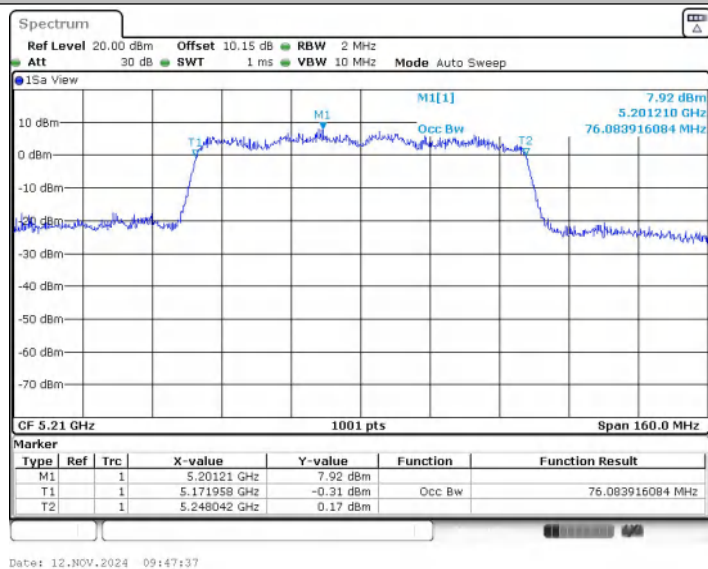
11AC40MIMO_Ant1_5795



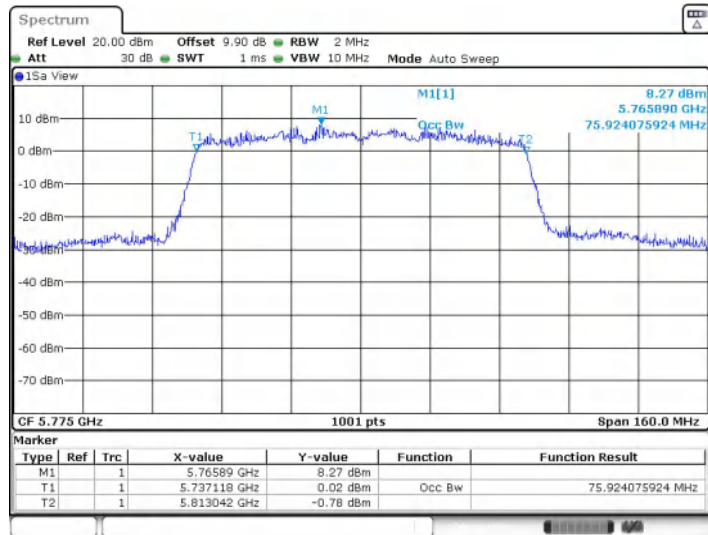
11AC40MIMO_Ant2_5795



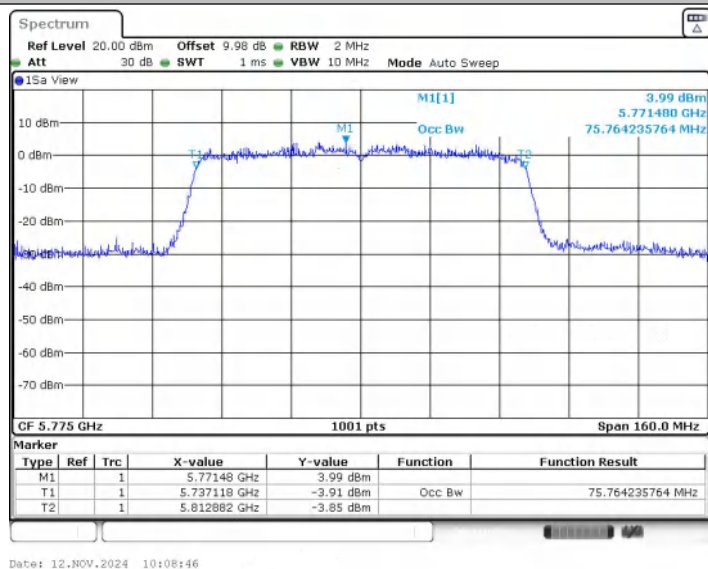
11AC80MIMO_Ant1_5210



11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



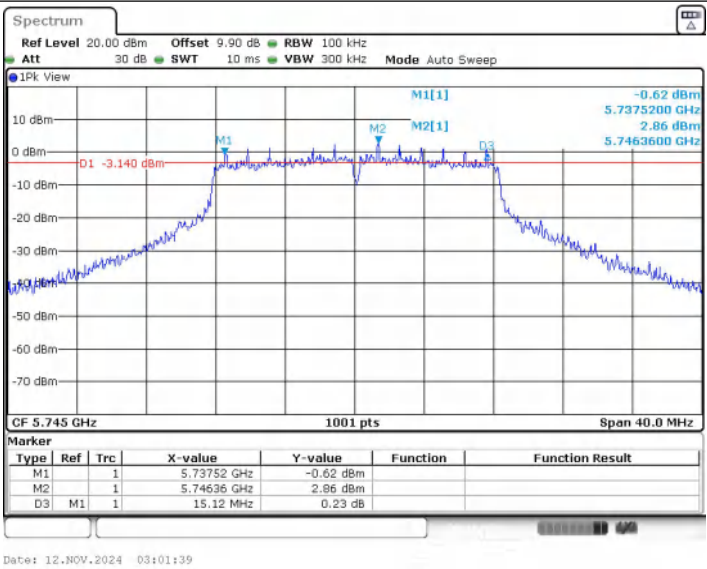
11AC80MIMO_Ant2_5775

Appendix A3: Min emission bandwidth

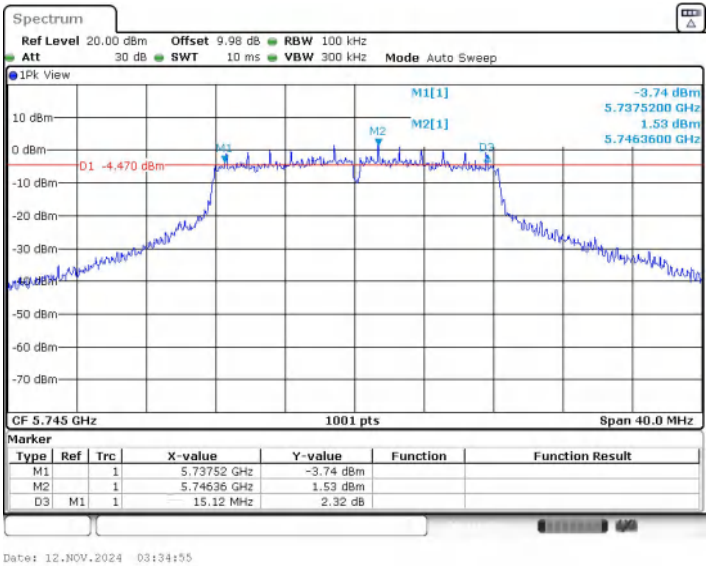
Test Result B4

TestMode	Antenna	Channel	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5745	15.12	5737.52	5752.64	0.5	PASS
	Ant2	5745	15.12	5737.52	5752.64	0.5	PASS
	Ant1	5785	15.08	5777.52	5792.60	0.5	PASS
	Ant2	5785	15.32	5777.52	5792.84	0.5	PASS
	Ant1	5825	15.52	5817.32	5832.84	0.5	PASS
	Ant2	5825	15.52	5817.32	5832.84	0.5	PASS
11N20MIMO	Ant1	5745	16.56	5736.68	5753.24	0.5	PASS
	Ant2	5745	15.96	5736.68	5752.64	0.5	PASS
	Ant1	5785	15.08	5777.52	5792.60	0.5	PASS
	Ant2	5785	16.04	5777.20	5793.24	0.5	PASS
	Ant1	5825	15.96	5816.68	5832.64	0.5	PASS
	Ant2	5825	15.96	5816.68	5832.64	0.5	PASS
11N40MIMO	Ant1	5755	35.20	5737.48	5772.68	0.5	PASS
	Ant2	5755	35.12	5737.48	5772.60	0.5	PASS
	Ant1	5795	35.20	5777.48	5812.68	0.5	PASS
	Ant2	5795	35.20	5777.48	5812.68	0.5	PASS
11AC20MIMO	Ant1	5745	15.48	5737.16	5752.64	0.5	PASS
	Ant2	5745	16.52	5736.68	5753.20	0.5	PASS
	Ant1	5785	15.64	5777.20	5792.84	0.5	PASS
	Ant2	5785	15.68	5777.52	5793.20	0.5	PASS
	Ant1	5825	15.96	5816.68	5832.64	0.5	PASS
	Ant2	5825	15.96	5816.68	5832.64	0.5	PASS
11AC40MIMO	Ant1	5755	35.20	5737.48	5772.68	0.5	PASS
	Ant2	5755	35.44	5737.16	5772.60	0.5	PASS
	Ant1	5795	35.20	5777.48	5812.68	0.5	PASS
	Ant2	5795	35.12	5777.48	5812.60	0.5	PASS
11AC80MIMO	Ant1	5775	75.04	5737.56	5812.60	0.5	PASS
	Ant2	5775	75.04	5737.56	5812.60	0.5	PASS

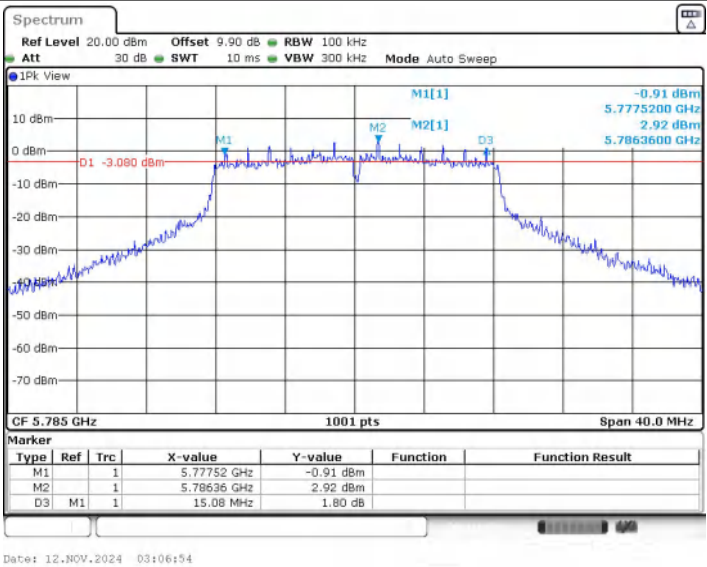
Test Graphs B4



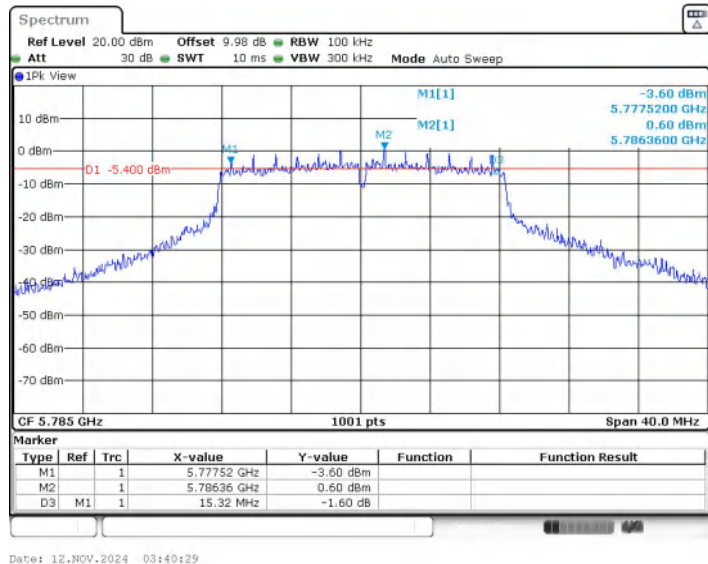
11A_Ant1_5745



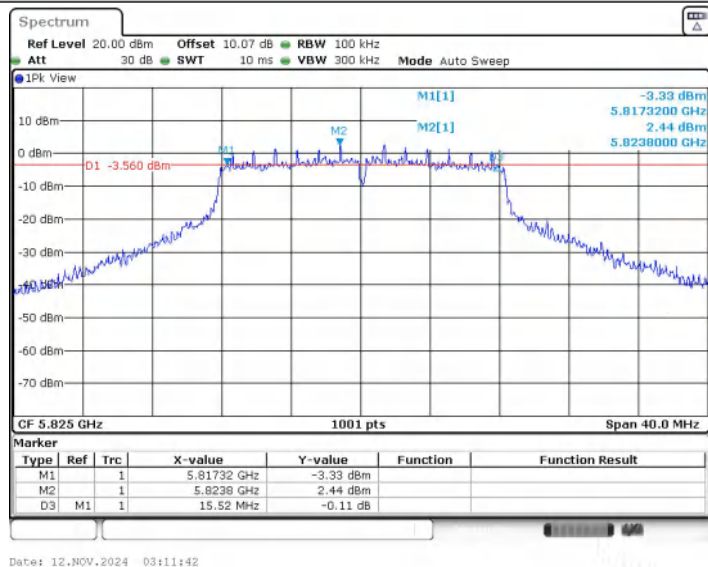
11A_Ant2_5745



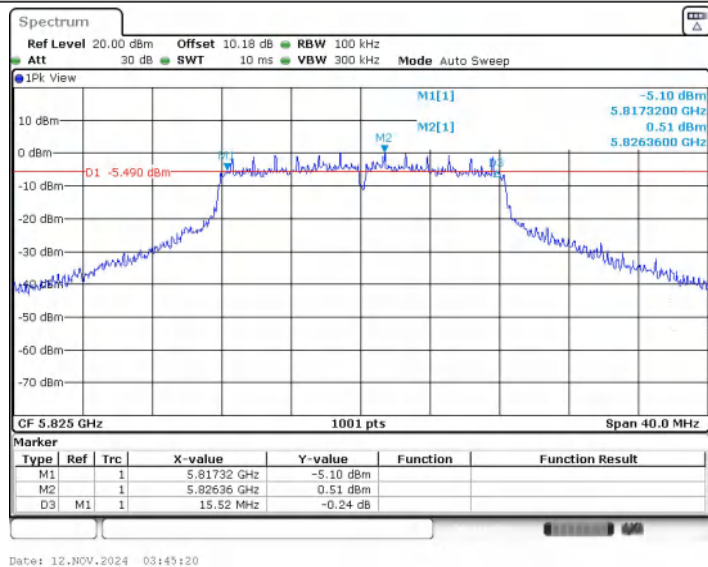
11A_Ant1_5785



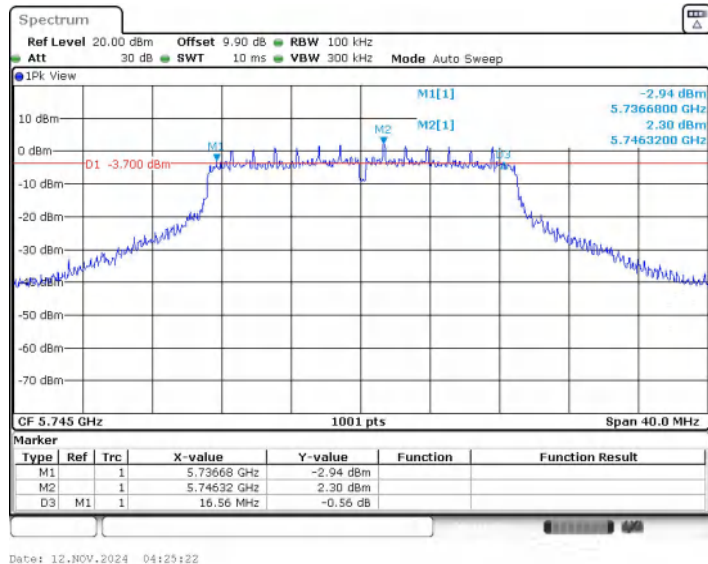
11A_Ant2_5785



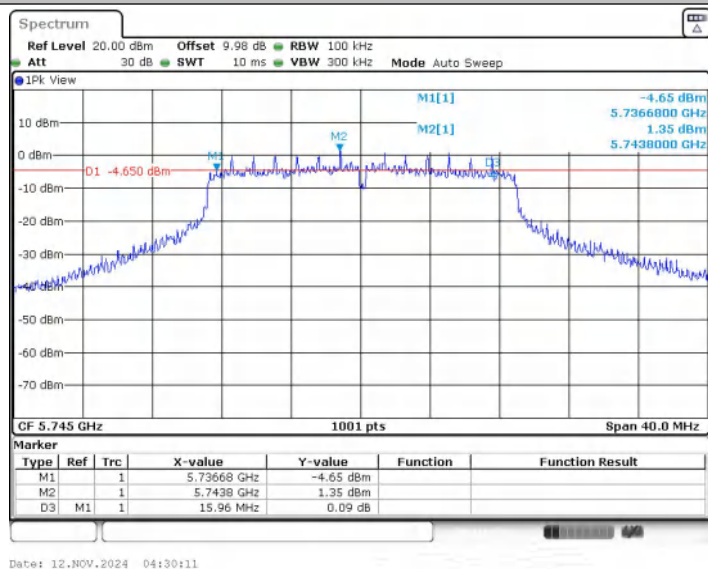
11A_Ant1_5825



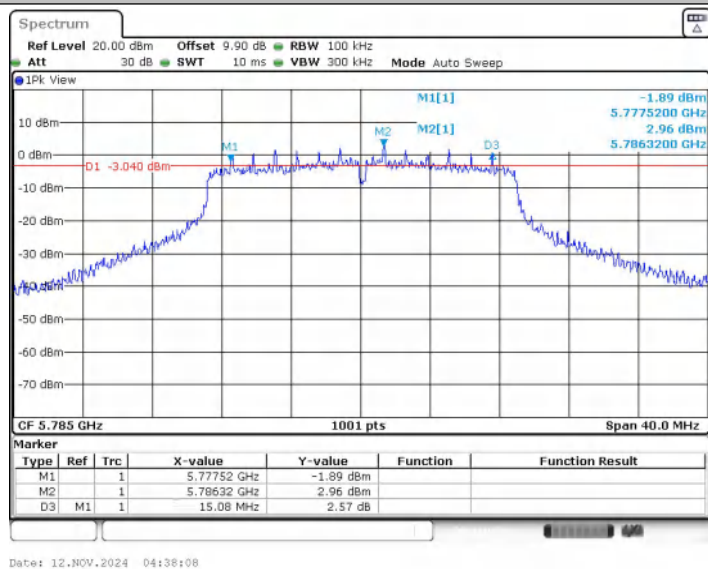
11A_Ant2_5825



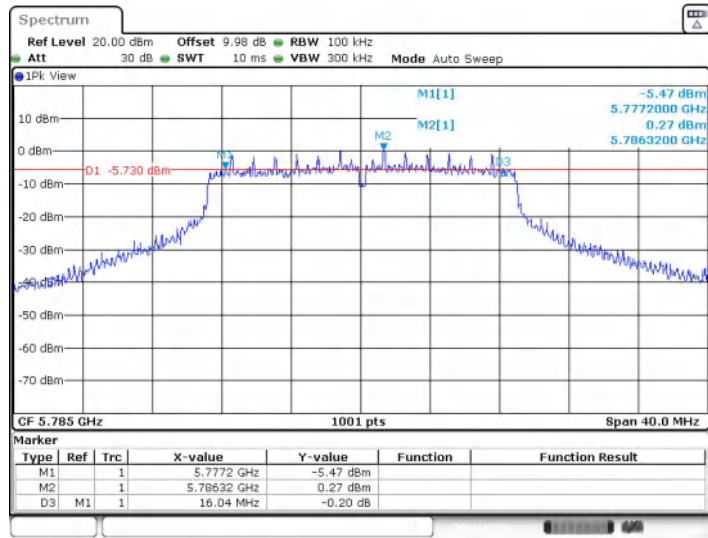
11N20MIMO_Ant1_5745



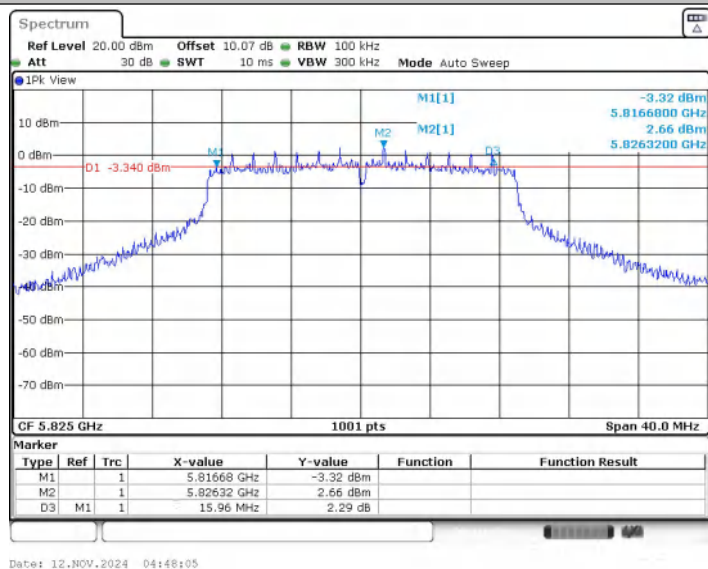
11N20MIMO_Ant2_5745



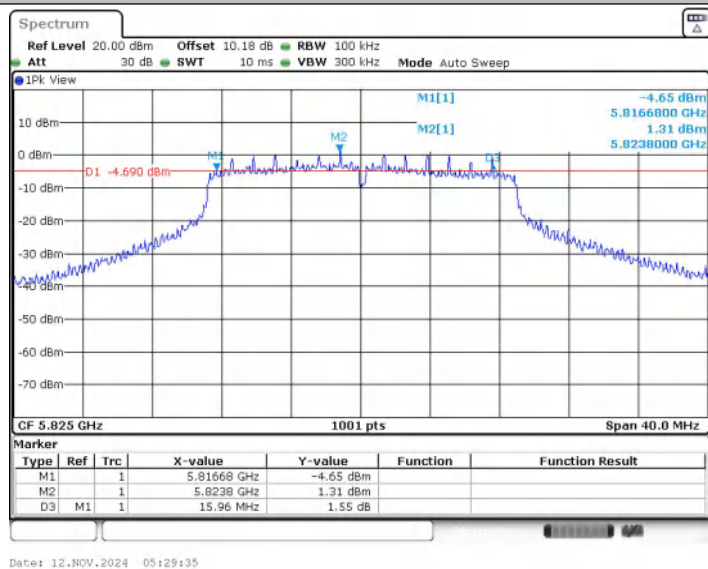
11N20MIMO_Ant1_5785



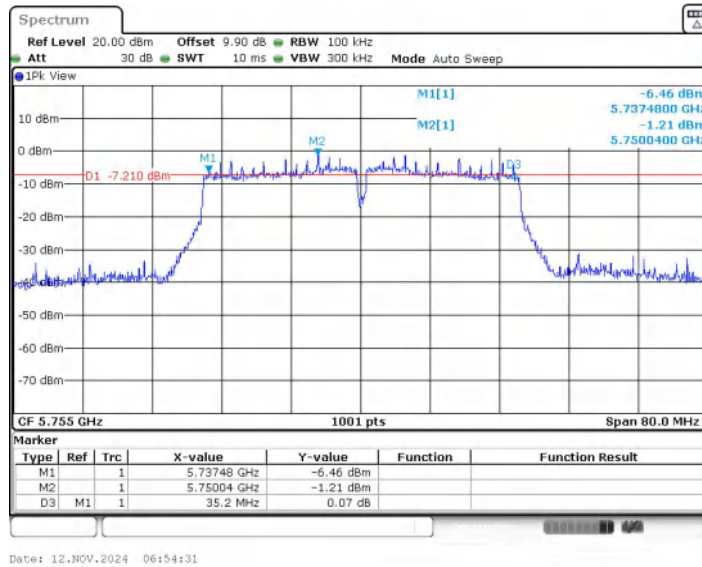
11N20MIMO_Ant2_5785



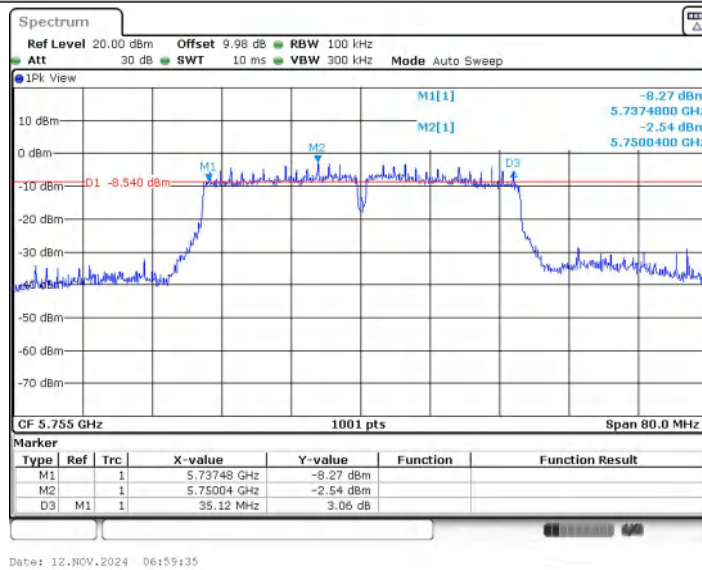
11N20MIMO_Ant1_5825



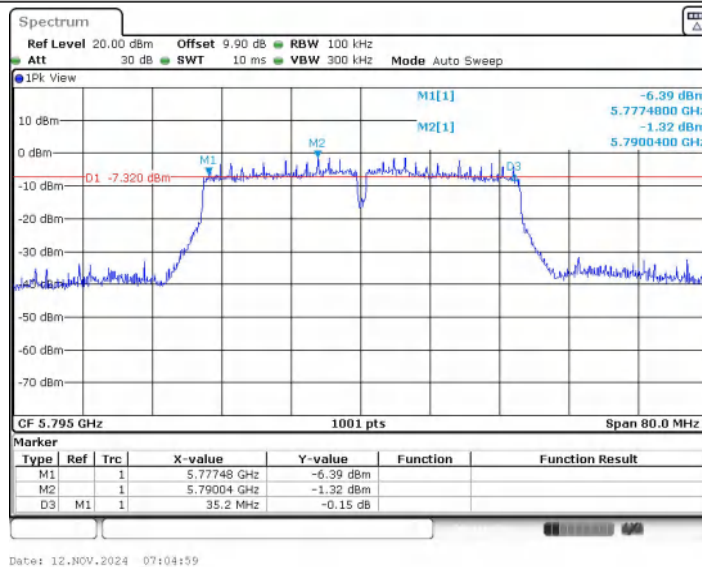
11N20MIMO_Ant2_5825



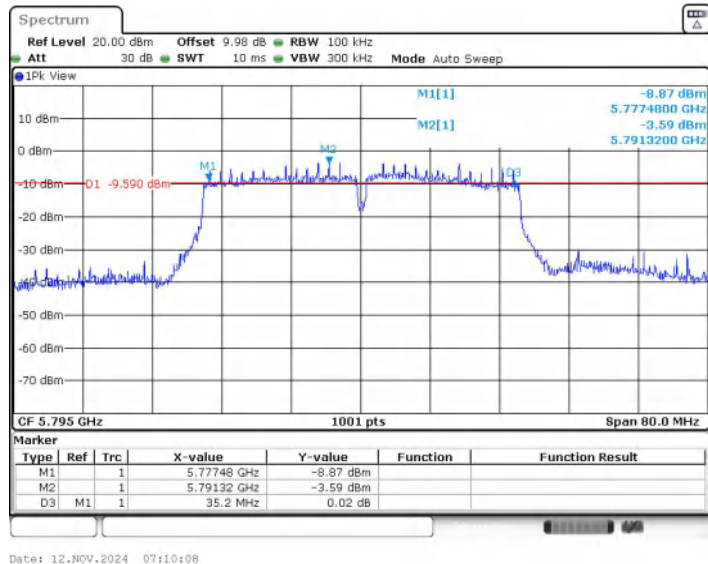
11N40MIMO_Ant1_5755



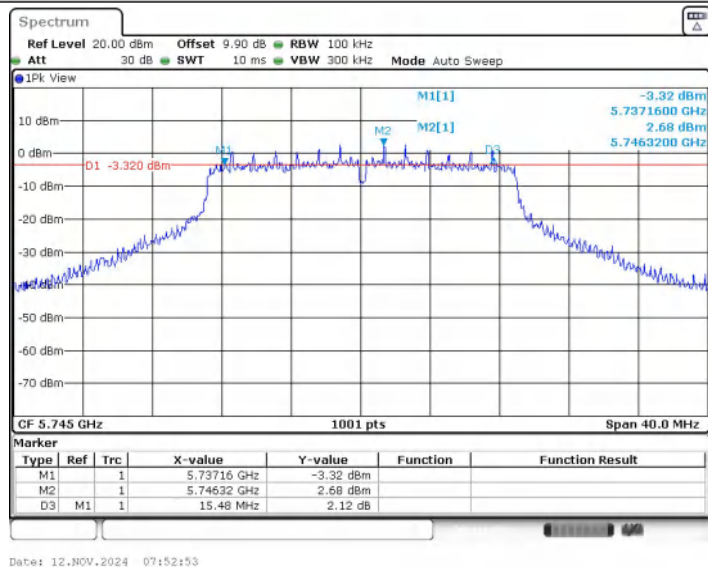
11N40MIMO_Ant2_5755



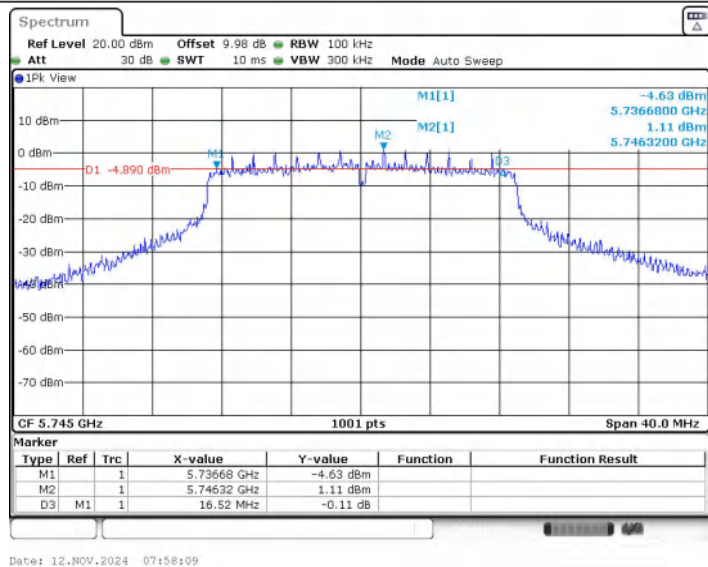
11N40MIMO_Ant1_5795



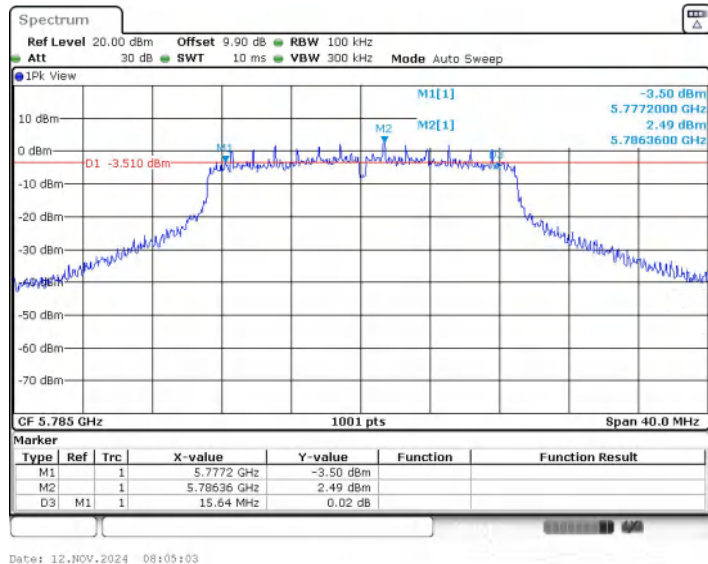
11N40MIMO_Ant2_5795



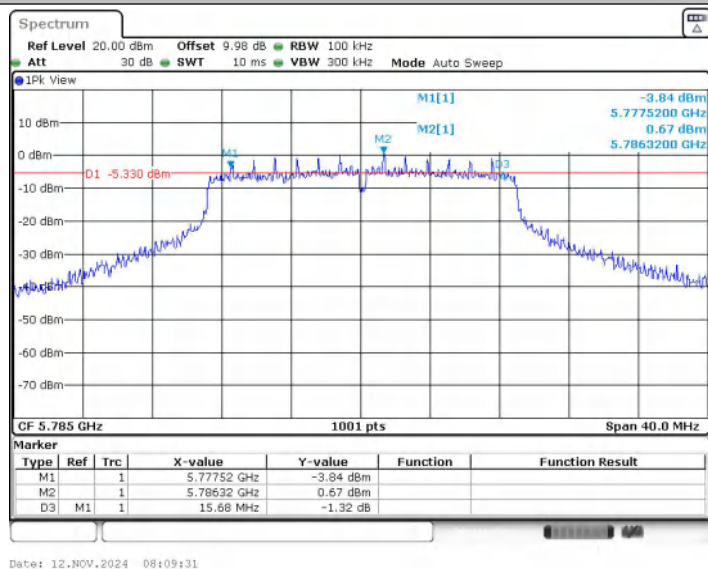
11AC20MIMO_Ant1_5745



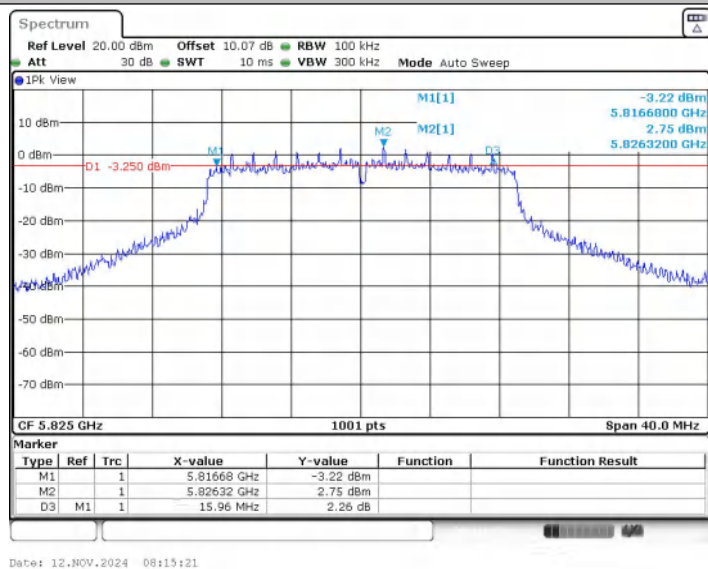
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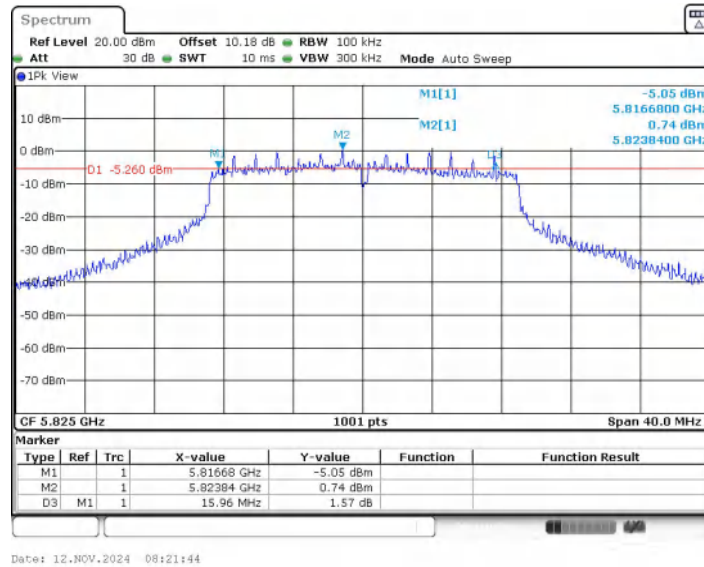
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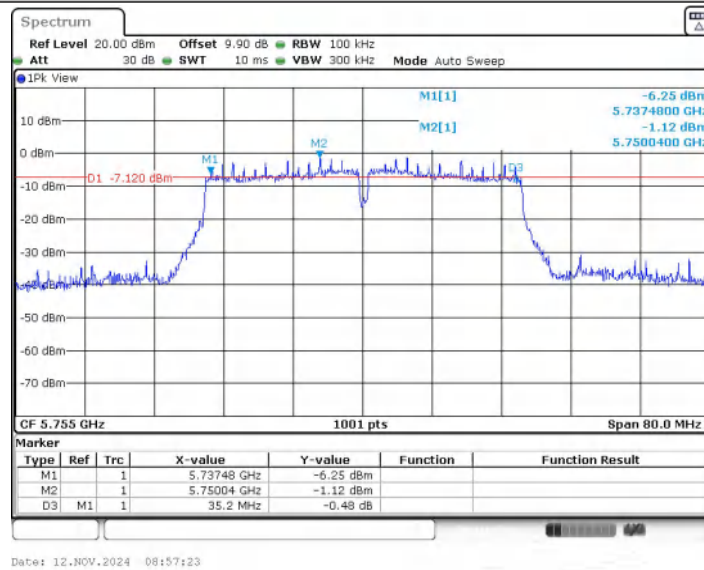
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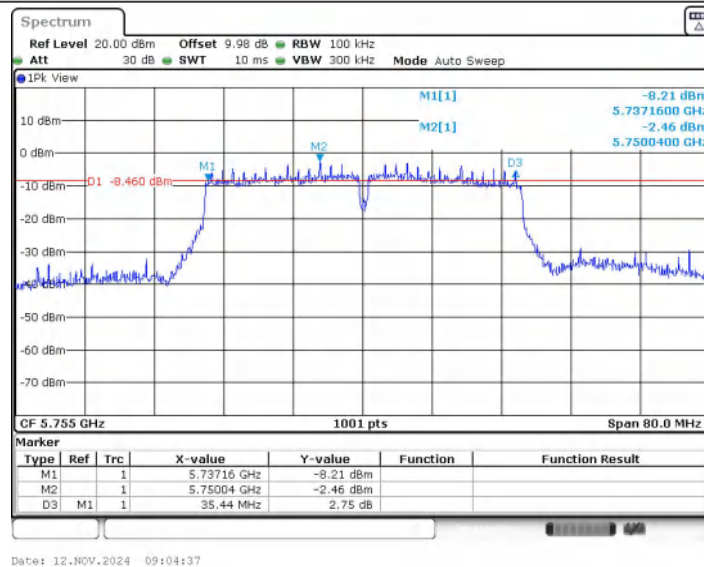
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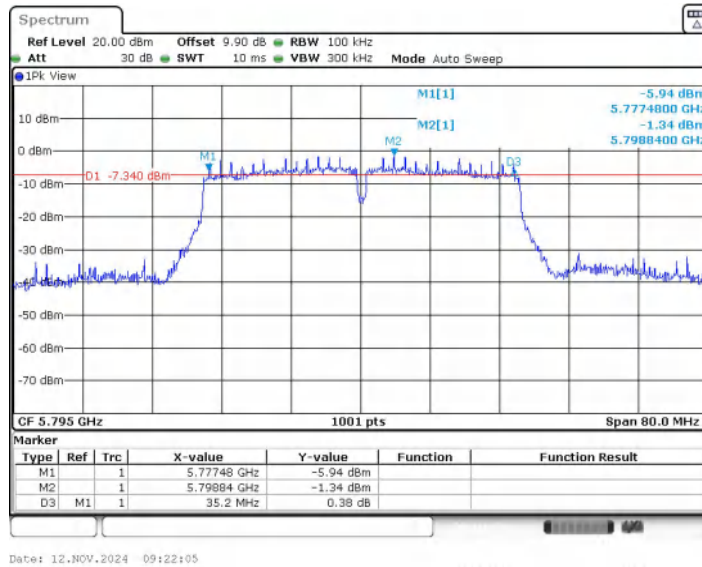
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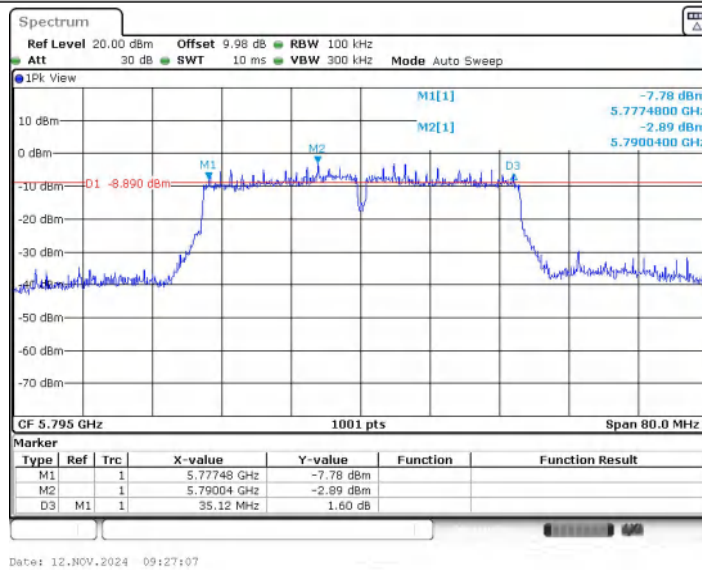
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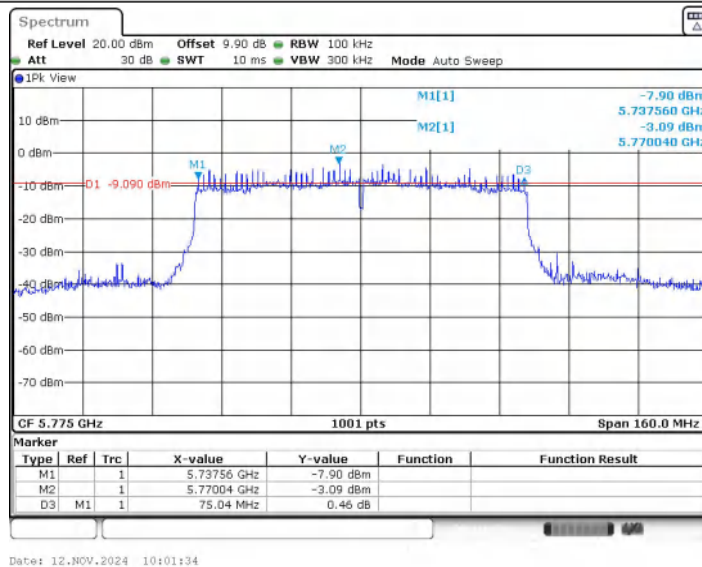
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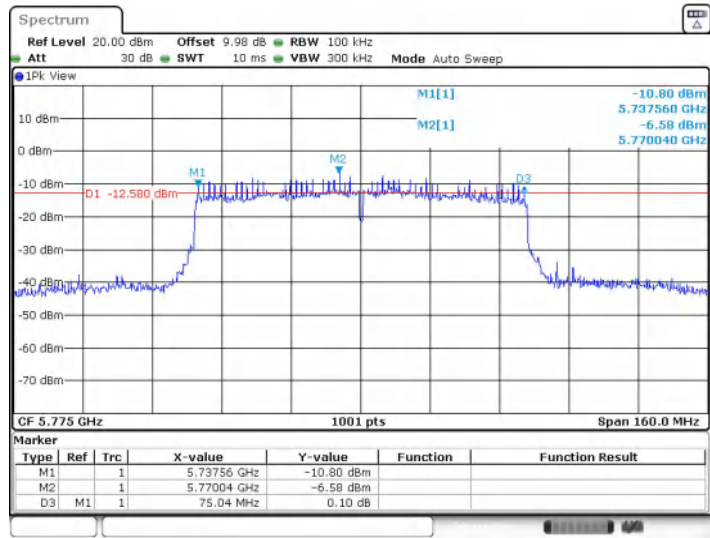
11AC40MIMO_Ant1_5795



11AC40MIMO_Ant2_5795



11AC80MIMO_Ant1_5775



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11AC80MIMO_Ant2_5775

Appendix B: Duty Cycle

Test Result

TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11A	Ant1	5180	2.06	2.10	98.10	---	---
	Ant2	5180	2.07	2.10	98.57	---	---
	Ant1	5220	2.06	2.10	98.10	---	---
	Ant2	5220	2.07	2.10	98.57	---	---
	Ant1	5240	2.06	2.11	97.63	---	---
	Ant2	5240	2.06	2.10	98.10	---	---
	Ant1	5745	2.06	2.10	98.10	---	---
	Ant2	5745	2.07	2.11	98.10	---	---
	Ant1	5785	2.07	2.10	98.57	---	---
	Ant2	5785	2.07	2.10	98.57	---	---
	Ant1	5825	2.07	2.10	98.57	---	---
	Ant2	5825	2.06	2.11	97.63	---	---
11N20MIMO	Ant1	5180	1.92	1.96	97.96	---	---
	Ant2	5180	1.92	1.96	97.96	---	---
	Ant1	5220	1.93	1.96	98.47	---	---
	Ant2	5220	1.92	1.96	97.96	---	---
	Ant1	5240	1.92	1.96	97.96	---	---
	Ant2	5240	1.92	1.96	97.96	---	---
	Ant1	5745	1.92	1.96	97.96	---	---
	Ant2	5745	1.93	1.96	98.47	---	---
	Ant1	5785	1.92	1.96	97.96	---	---
	Ant2	5785	1.92	1.96	97.96	---	---
	Ant1	5825	1.92	1.96	97.96	---	---
	Ant2	5825	1.93	1.96	98.47	---	---
11N40MIMO	Ant1	5190	0.95	0.98	96.94	---	---
	Ant2	5190	0.95	0.99	95.96	---	---
	Ant1	5230	0.95	0.98	96.94	---	---
	Ant2	5230	0.95	0.98	96.94	---	---
	Ant1	5755	0.95	0.98	96.94	---	---
	Ant2	5755	0.96	0.99	96.97	---	---
	Ant1	5795	0.95	0.98	96.94	---	---
	Ant2	5795	0.95	0.98	96.94	---	---
11AC20MIMO	Ant1	5180	1.93	1.97	97.97	---	---
	Ant2	5180	1.94	1.97	98.48	---	---
	Ant1	5220	1.93	1.97	97.97	---	---
	Ant2	5220	1.93	1.97	97.97	---	---
	Ant1	5240	1.93	1.97	97.97	---	---
	Ant2	5240	1.93	1.97	97.97	---	---
	Ant1	5745	1.93	1.97	97.97	---	---
	Ant2	5745	1.93	1.96	98.47	---	---
	Ant1	5785	1.93	1.98	97.47	---	---

	Ant2	5785	1.93	1.97	97.97	---	---
	Ant1	5825	1.93	1.97	97.97	---	---
	Ant2	5825	1.94	1.97	98.48	---	---
11AC40MIMO	Ant1	5190	0.95	0.99	95.96	---	---
	Ant2	5190	0.95	0.99	95.96	---	---
	Ant1	5230	0.95	0.99	95.96	---	---
	Ant2	5230	0.96	0.99	96.97	---	---
	Ant1	5755	0.95	0.99	95.96	---	---
	Ant2	5755	0.95	0.99	95.96	---	---
	Ant1	5795	0.96	0.99	96.97	---	---
	Ant2	5795	0.96	0.99	96.97	---	---
11AC80MIMO	Ant1	5210	0.46	0.50	92.00	---	---
	Ant2	5210	0.47	0.50	94.00	---	---
	Ant1	5775	0.46	0.50	92.00	---	---
	Ant2	5775	0.46	0.50	92.00	---	---