

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

General Description of EUT	
Product Name:	Lixel L2 120 V1
Test Model:	Lixel
Sample ID:	HC-C-202309-0278-01-01-2#
Environmental Conditions	
Temperature:	24°C
Relative Humidity:	50%
Test Voltage:	DC 14.4V
Test Engineer:	Liyangjing
Note: For a more detailed features description, please refer to the report TBR-C-202309-0278-73 The report only show the worst case data.	

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1. Emission Bandwidth

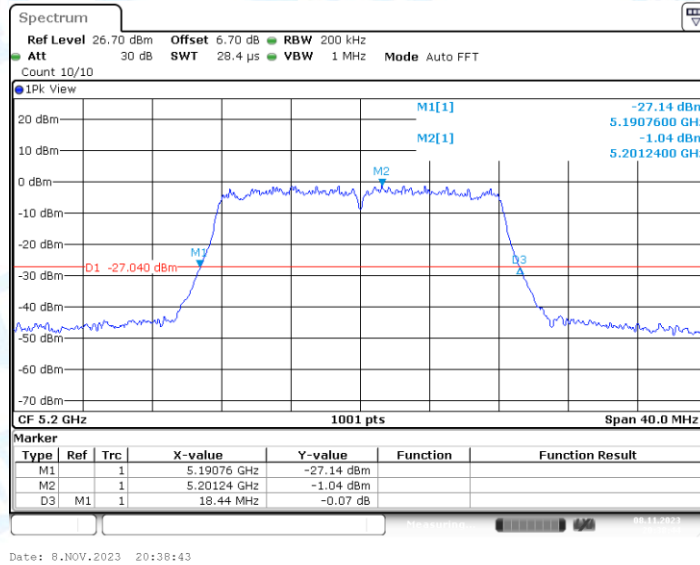
1.1. Test Result

TestMode	Antenna	Channel	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	18.48	5170.80	5189.28	---	---
	Ant2	5180	18.64	5170.68	5189.32	---	---
	Ant1	5200	18.44	5190.76	5209.20	---	---
	Ant2	5200	18.44	5190.76	5209.20	---	---
	Ant1	5240	18.32	5230.80	5249.12	---	---
	Ant2	5240	18.40	5230.76	5249.16	---	---
	Ant1	5745	18.56	5735.68	5754.24	---	---
	Ant2	5745	18.32	5735.80	5754.12	---	---
	Ant1	5785	18.68	5775.52	5794.20	---	---
	Ant2	5785	18.48	5775.76	5794.24	---	---
	Ant1	5825	18.68	5815.72	5834.40	---	---
	Ant2	5825	18.28	5815.84	5834.12	---	---
11N20MIMO	Ant1	5180	19.40	5170.28	5189.68	---	---
	Ant2	5180	19.32	5170.32	5189.64	---	---
	Ant1	5200	19.40	5190.28	5209.68	---	---
	Ant2	5200	19.44	5190.28	5209.72	---	---
	Ant1	5240	19.48	5230.20	5249.68	---	---
	Ant2	5240	19.36	5230.40	5249.76	---	---
	Ant1	5745	19.36	5735.28	5754.64	---	---
	Ant2	5745	19.40	5735.32	5754.72	---	---
	Ant1	5785	19.44	5775.28	5794.72	---	---
	Ant2	5785	19.32	5775.32	5794.64	---	---
	Ant1	5825	19.44	5815.32	5834.76	---	---
	Ant2	5825	19.44	5815.24	5834.68	---	---
11N40MIMO	Ant1	5190	41.28	5169.36	5210.64	---	---
	Ant2	5190	41.52	5169.12	5210.64	---	---
	Ant1	5230	41.52	5208.80	5250.32	---	---
	Ant2	5230	41.20	5209.44	5250.64	---	---
	Ant1	5755	40.48	5734.52	5775.00	---	---
	Ant2	5755	41.12	5734.36	5775.48	---	---
	Ant1	5795	41.76	5773.80	5815.56	---	---
	Ant2	5795	41.68	5774.12	5815.80	---	---
11AC20MIMO	Ant1	5180	19.36	5170.32	5189.68	---	---
	Ant2	5180	19.40	5170.32	5189.72	---	---
	Ant1	5200	19.32	5190.28	5209.60	---	---
	Ant2	5200	19.28	5190.36	5209.64	---	---
	Ant1	5240	19.28	5230.32	5249.60	---	---
	Ant2	5240	19.40	5230.28	5249.68	---	---
	Ant1	5745	19.40	5735.28	5754.68	---	---
	Ant2	5745	19.28	5735.36	5754.64	---	---

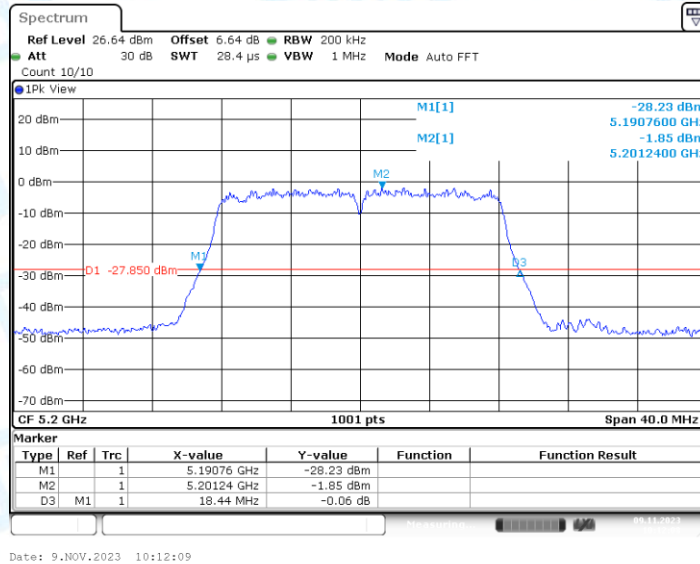
	Ant1	5785	19.24	5775.36	5794.60	---	---
	Ant2	5785	19.32	5775.28	5794.60	---	---
	Ant1	5825	19.36	5815.28	5834.64	---	---
	Ant2	5825	19.36	5815.24	5834.60	---	---
11AC40MIMO	Ant1	5190	40.96	5169.68	5210.64	---	---
	Ant2	5190	40.56	5169.60	5210.16	---	---
	Ant1	5230	41.28	5209.28	5250.56	---	---
	Ant2	5230	41.20	5209.04	5250.24	---	---
	Ant1	5755	41.44	5734.12	5775.56	---	---
	Ant2	5755	41.52	5734.36	5775.88	---	---
	Ant1	5795	41.28	5774.04	5815.32	---	---
	Ant2	5795	41.20	5774.28	5815.48	---	---
11AC80MIMO	Ant1	5210	80.16	5170.00	5250.16	---	---
	Ant2	5210	80.64	5170.16	5250.80	---	---
	Ant1	5775	79.68	5735.00	5814.68	---	---
	Ant2	5775	138.56	5716.44	5855.00	---	---

2.1. Test Graphs

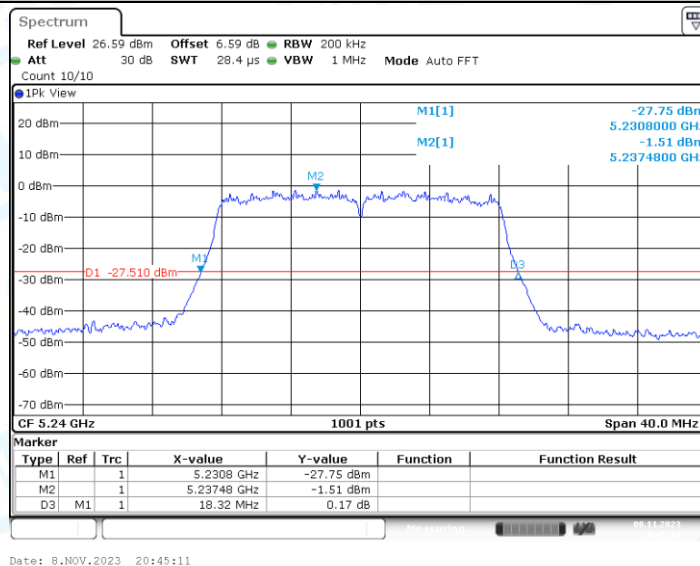




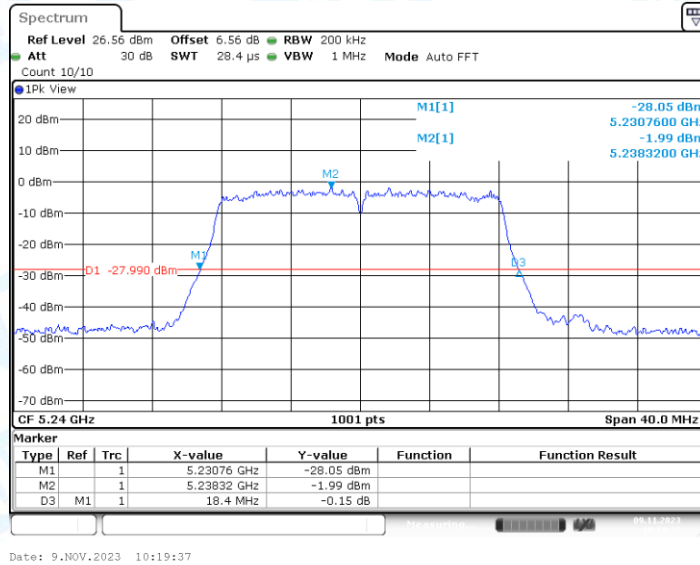
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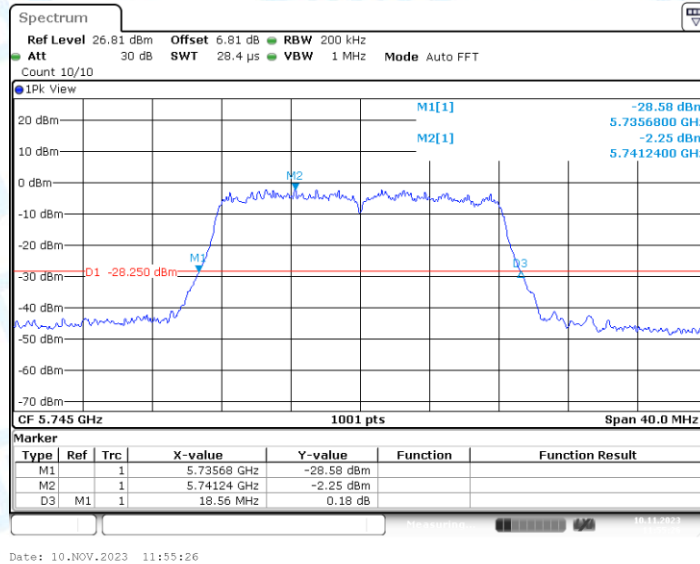
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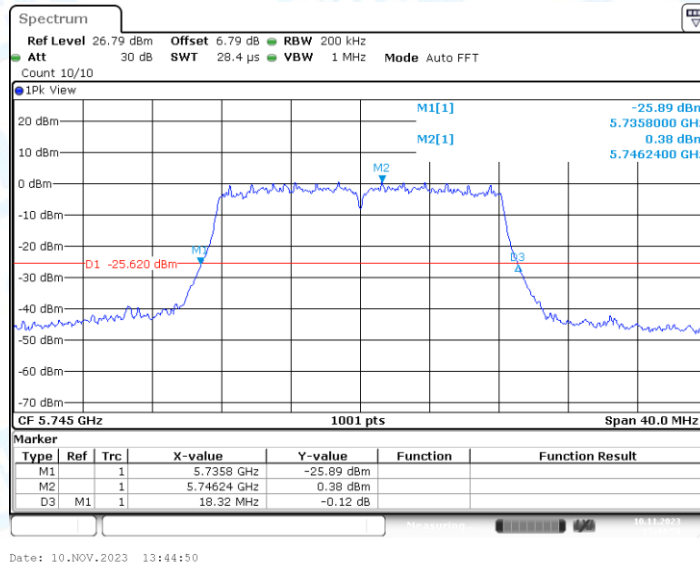
11A_Ant2_5240



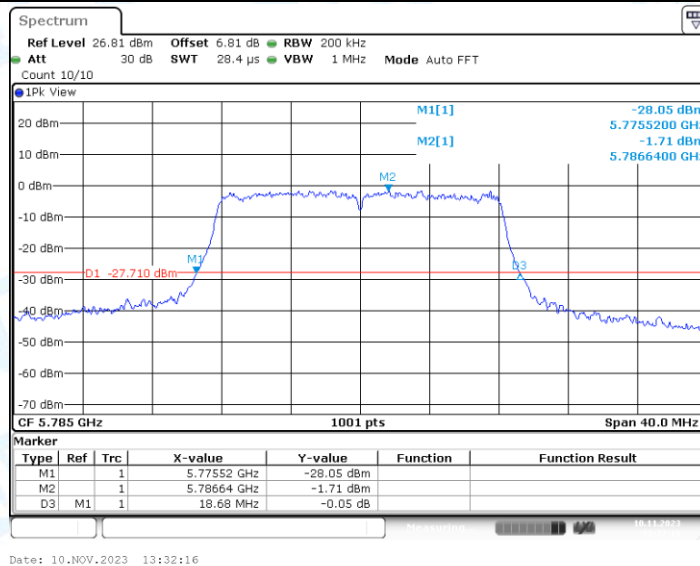
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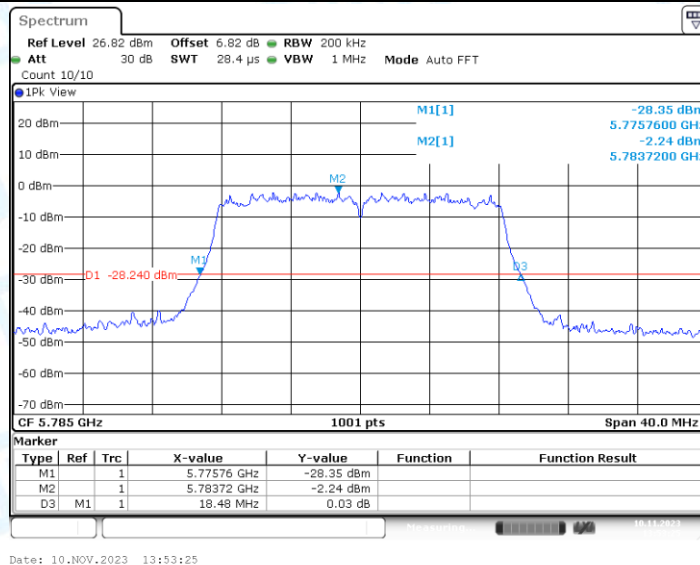
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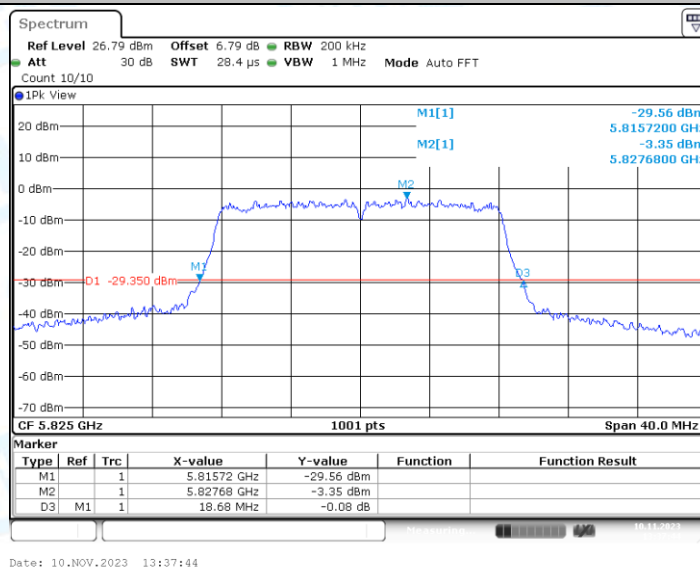
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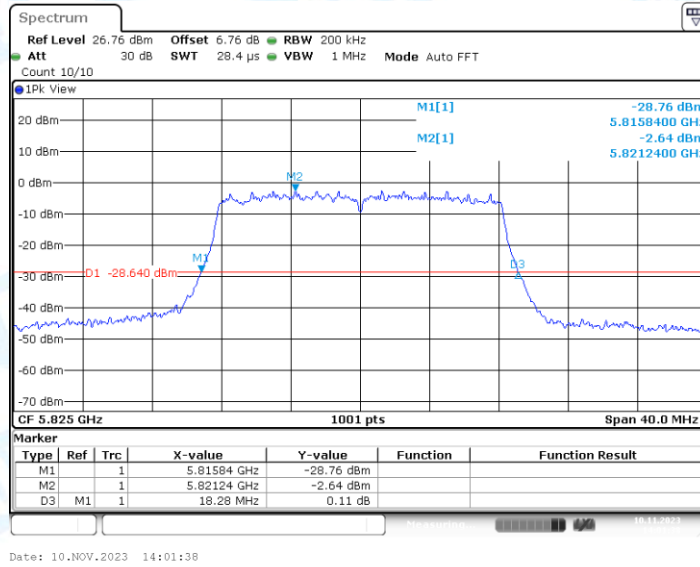
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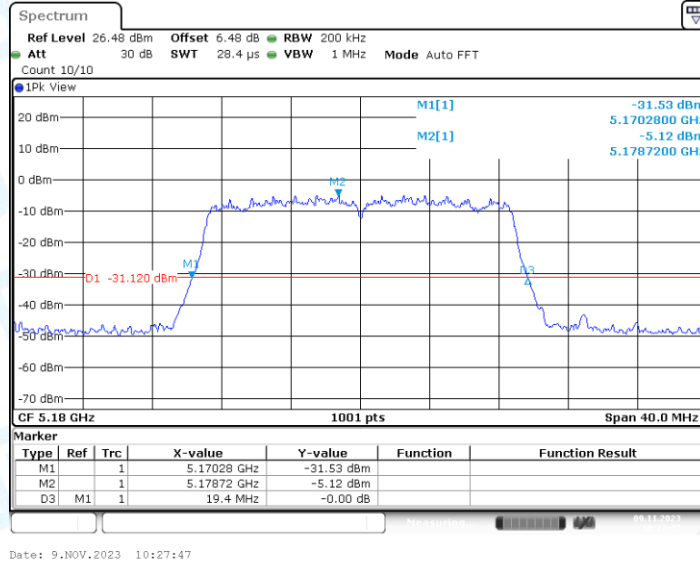
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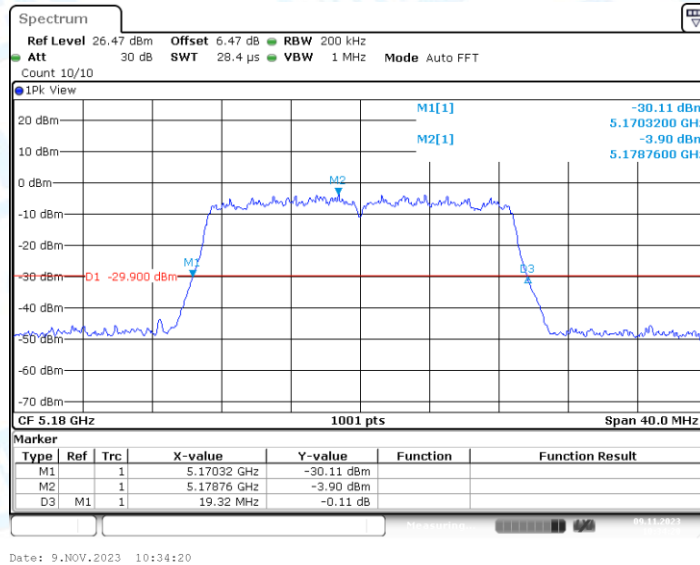
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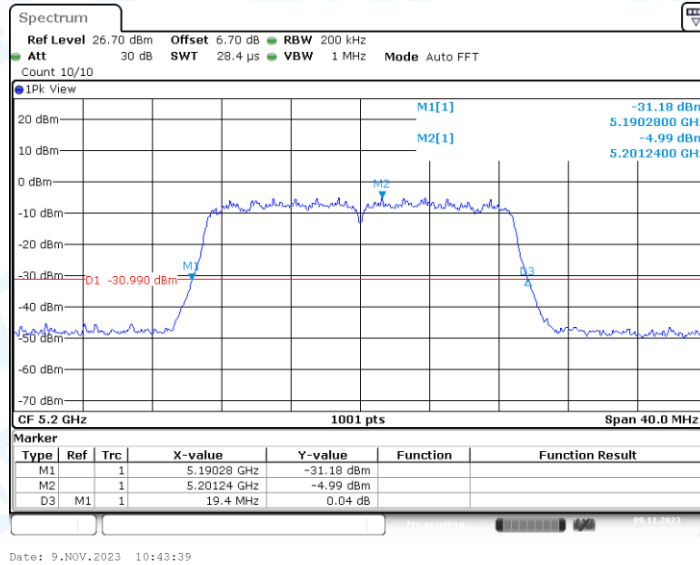
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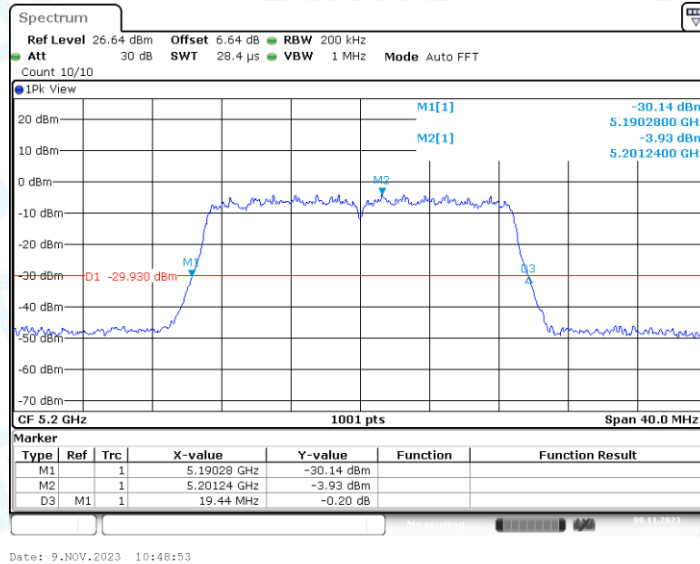
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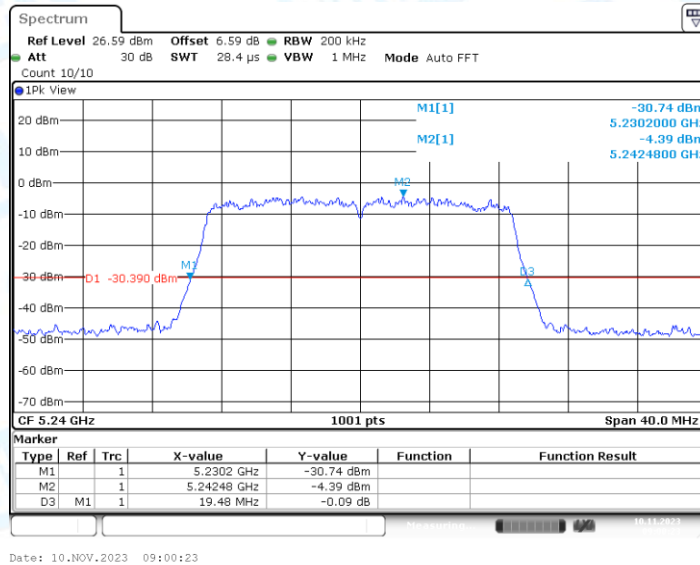
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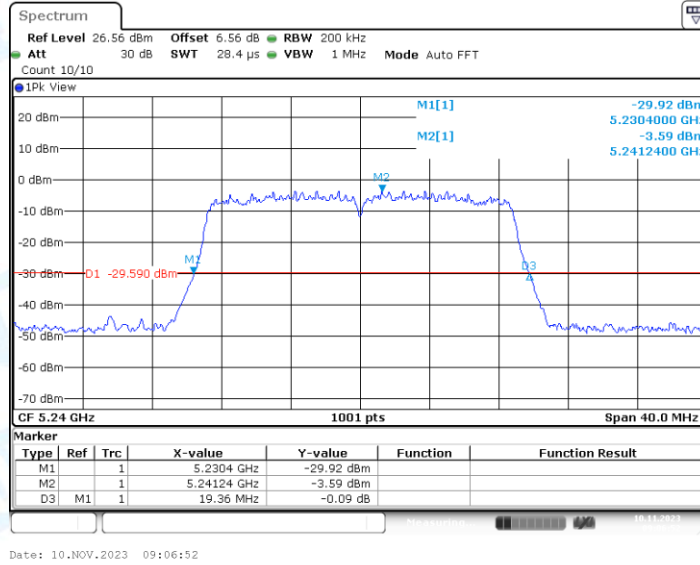
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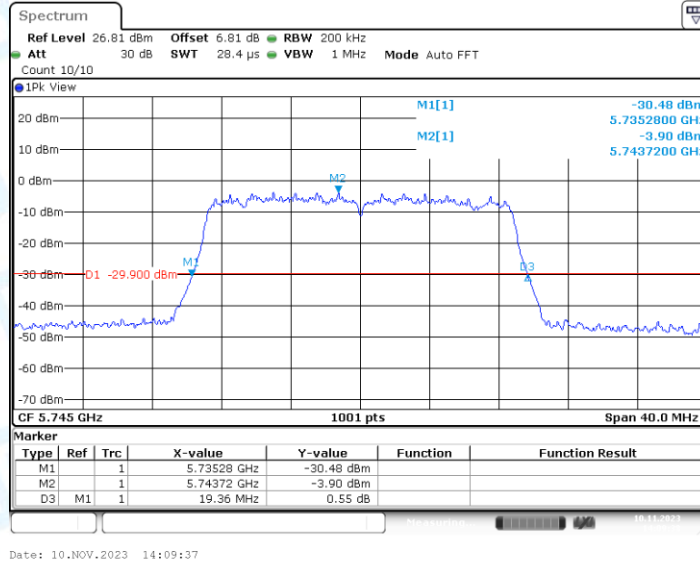
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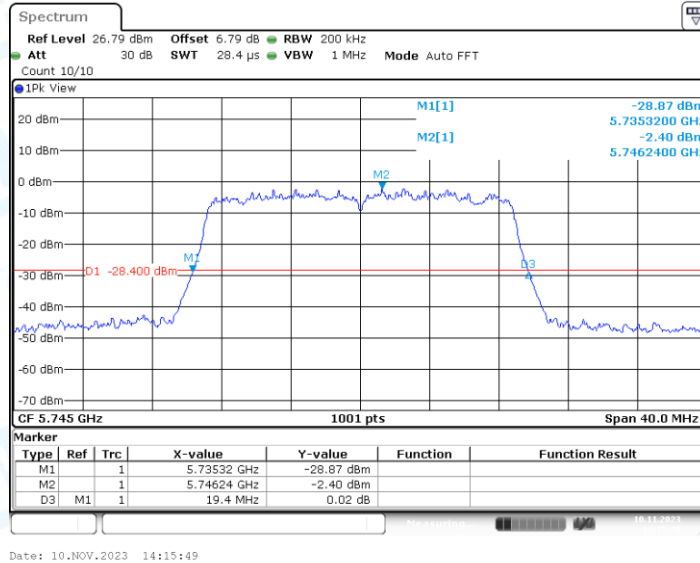
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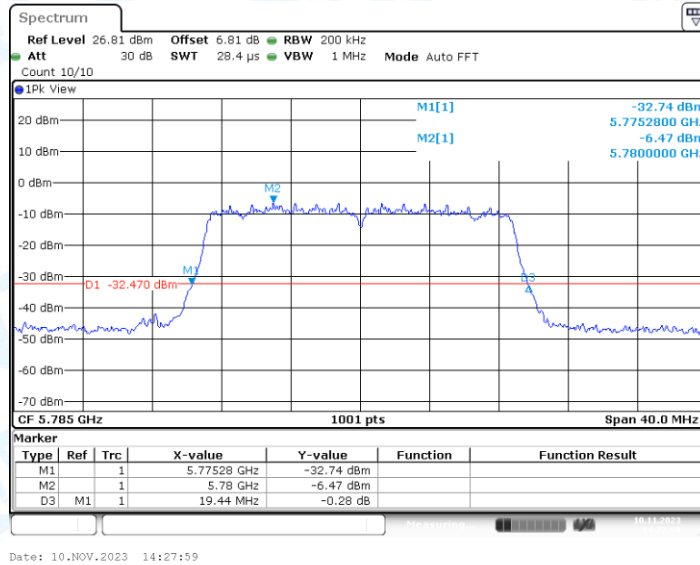
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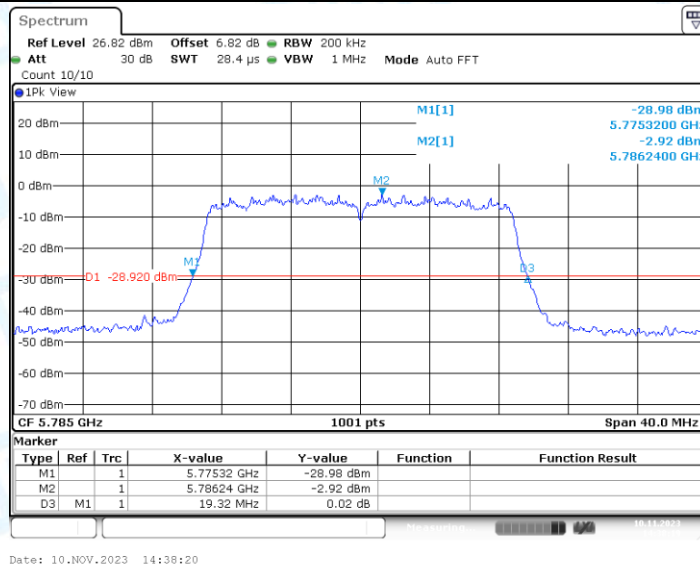
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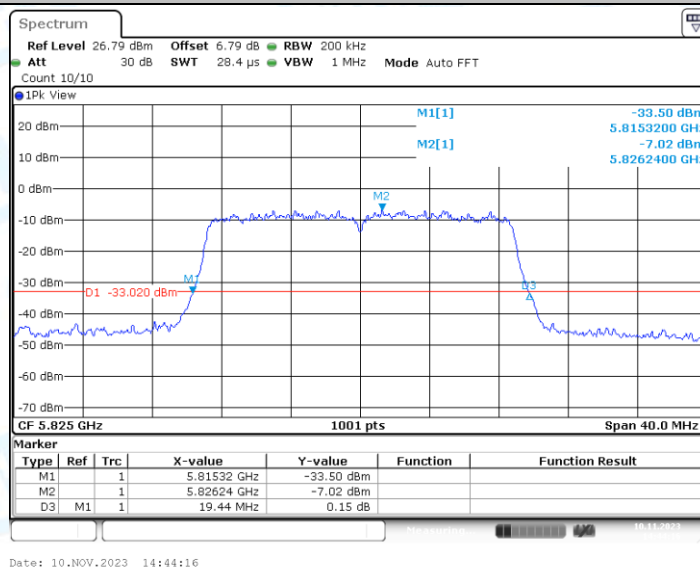
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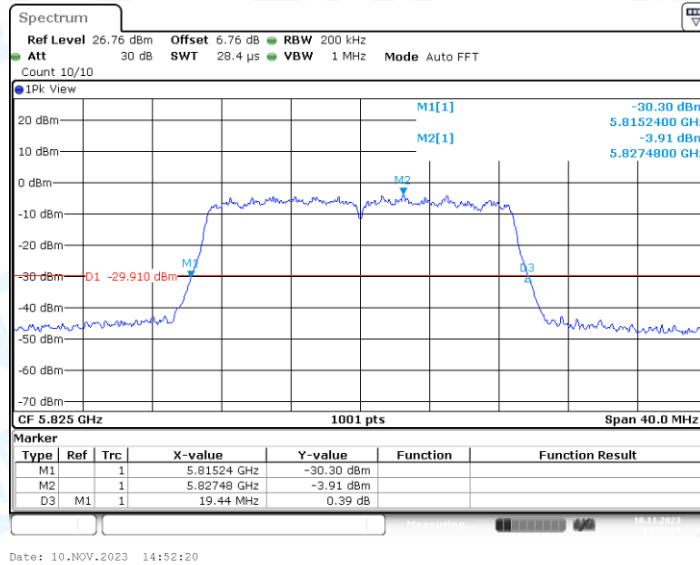
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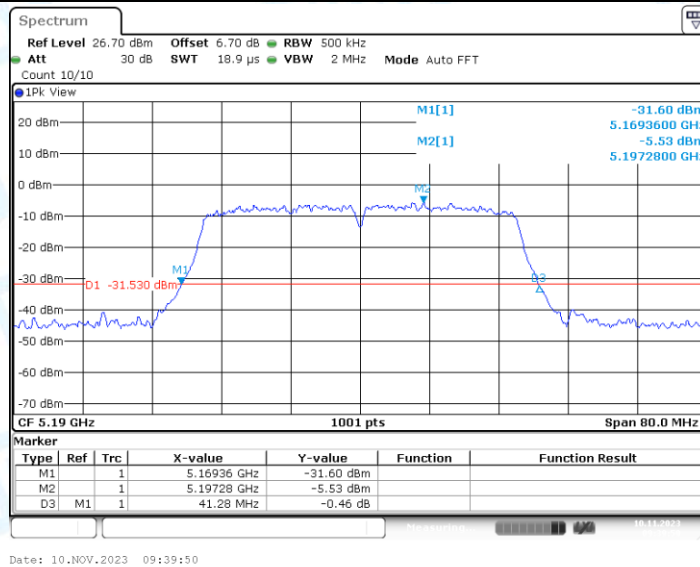
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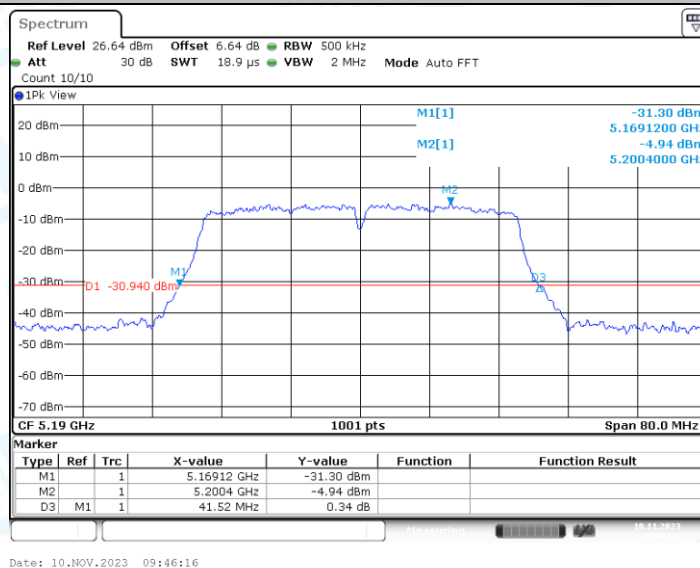
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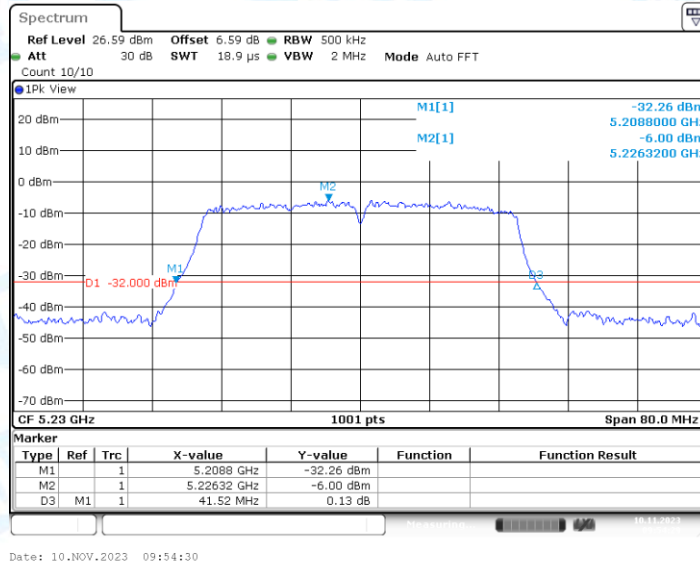
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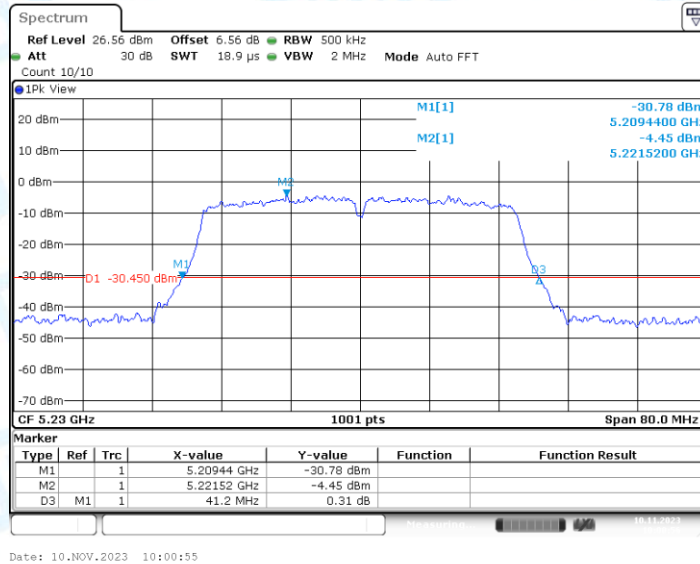
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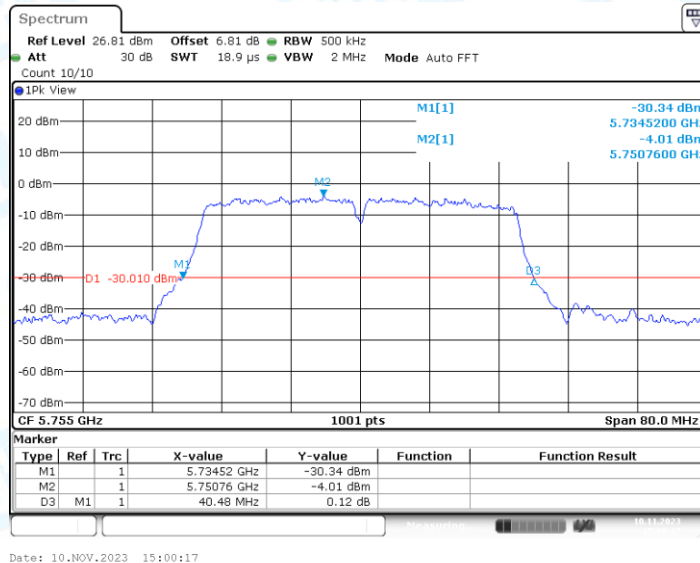
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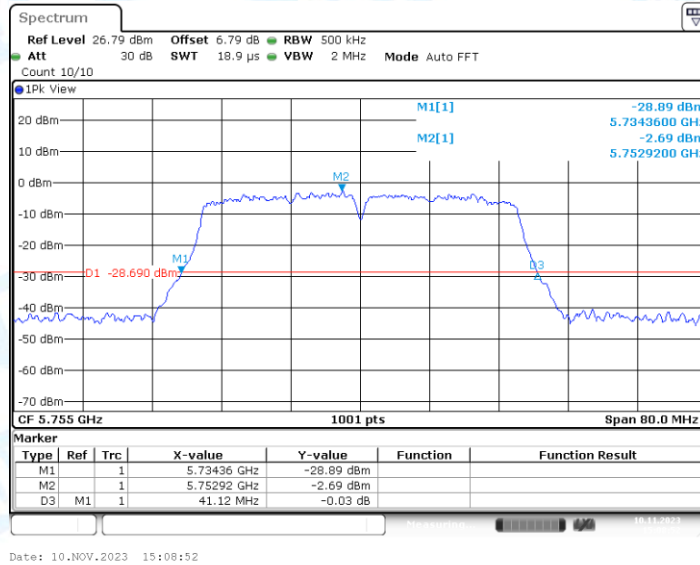
11N40MIMO_Ant2_5230



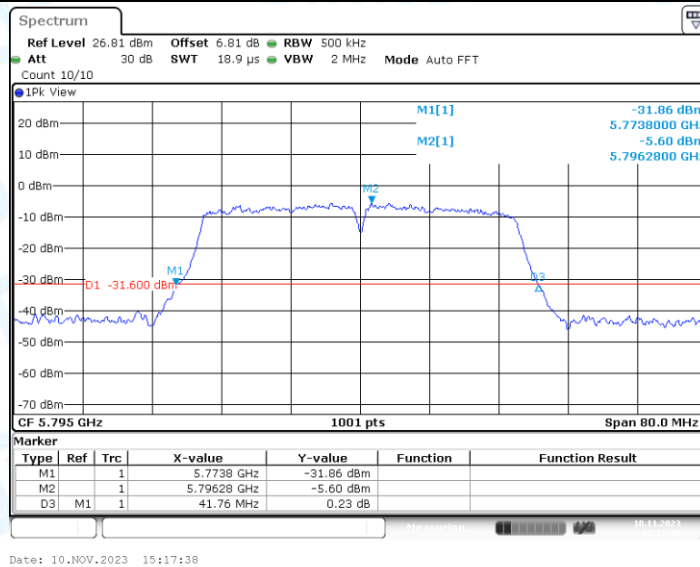
11N40MIMO_Ant1_5755



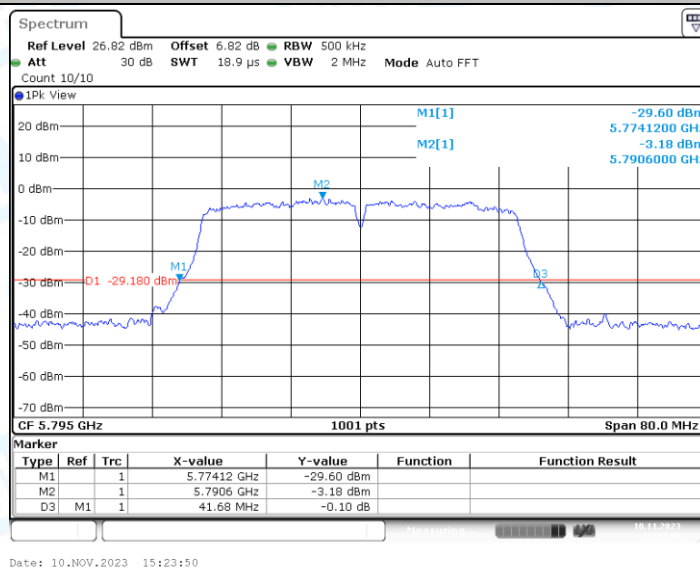
11N40MIMO_Ant2_5755



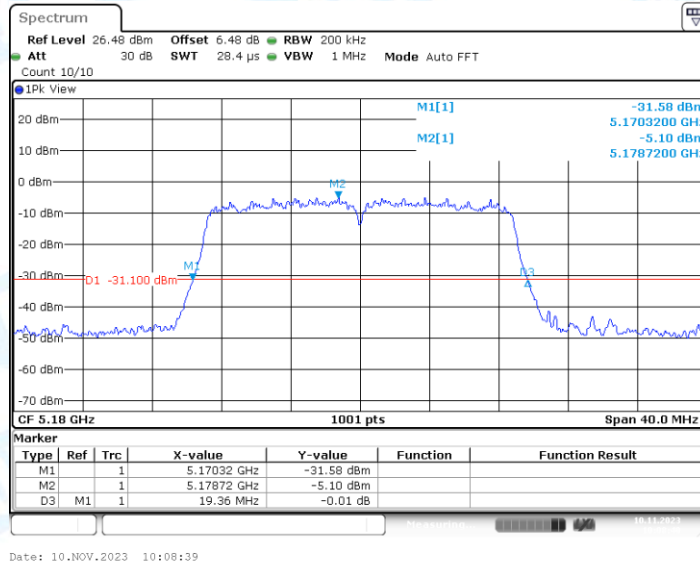
11N40MIMO_Ant1_5795



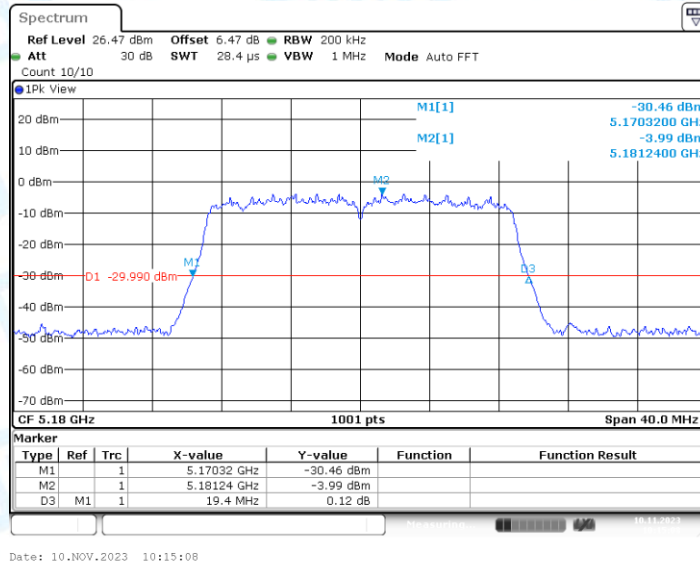
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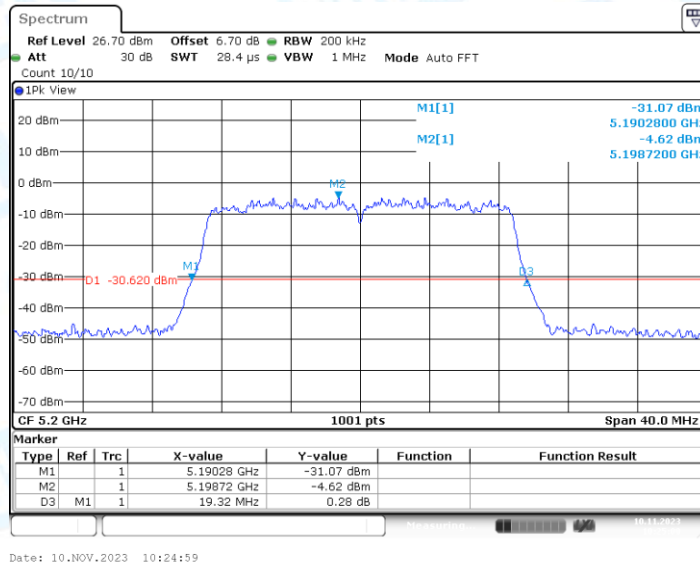
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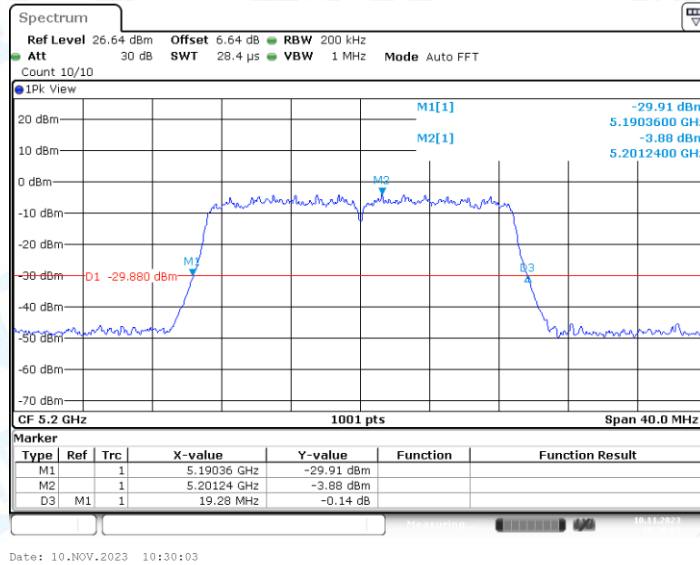
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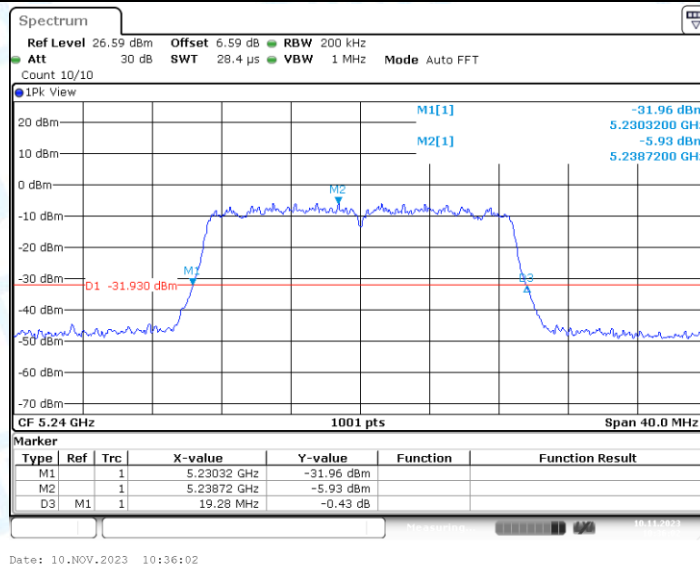
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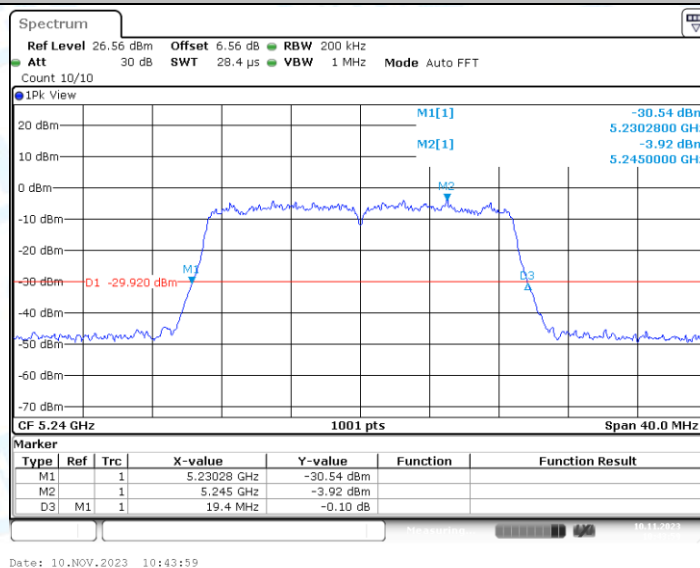
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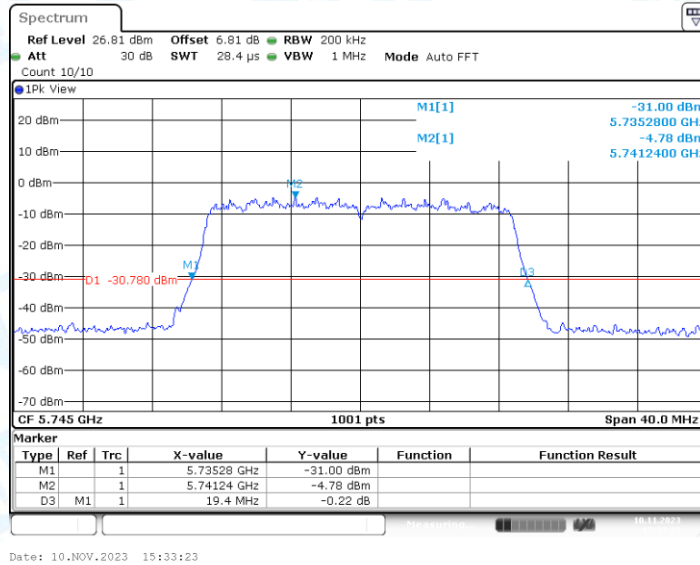
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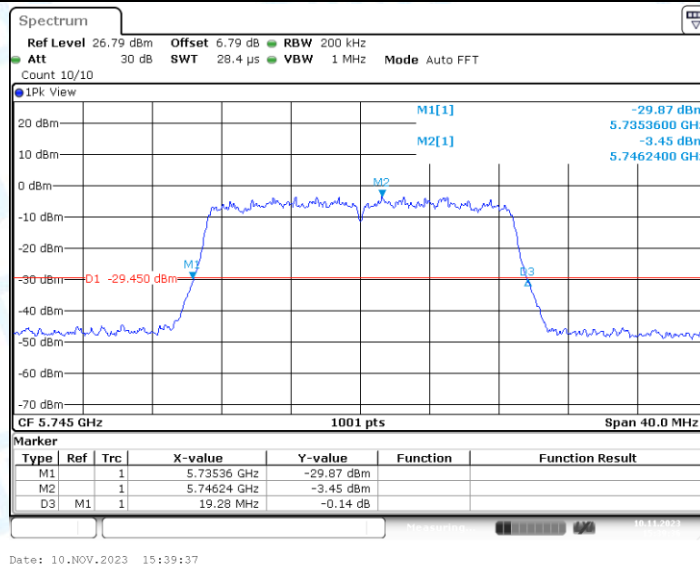
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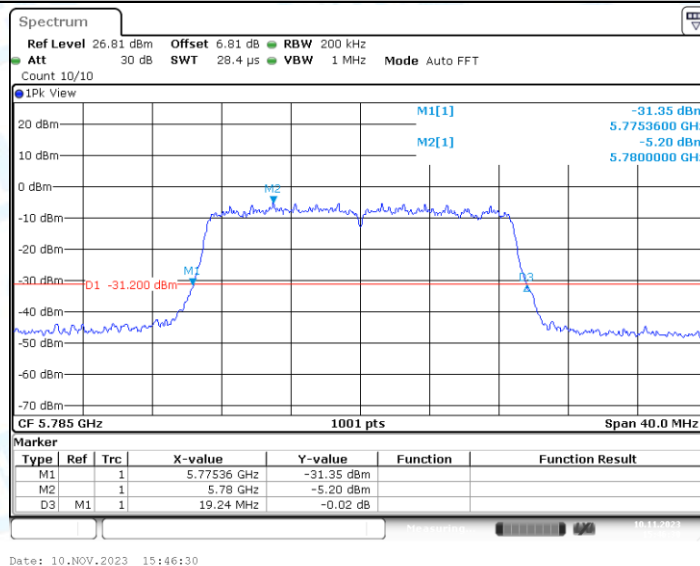
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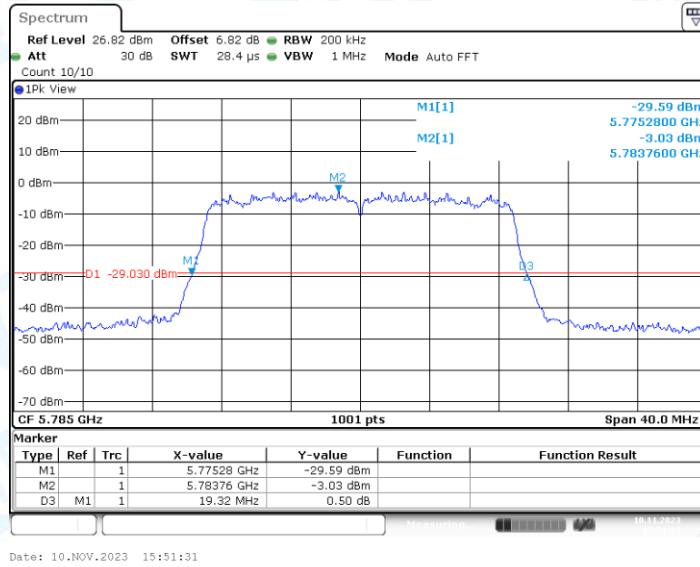
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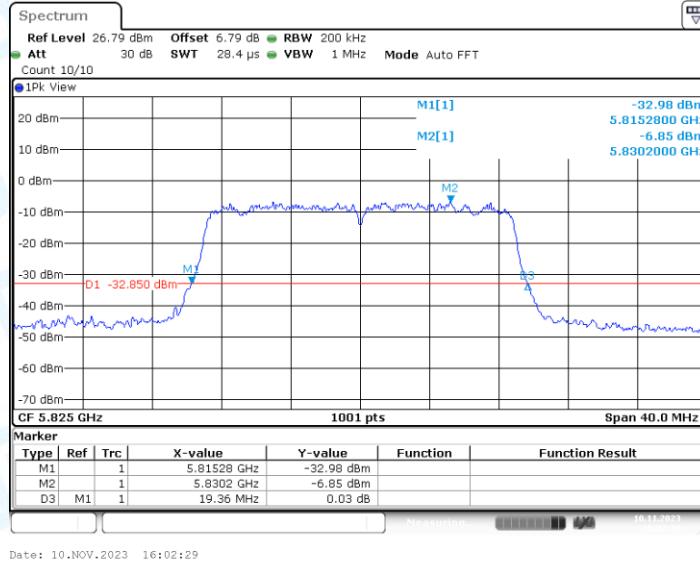
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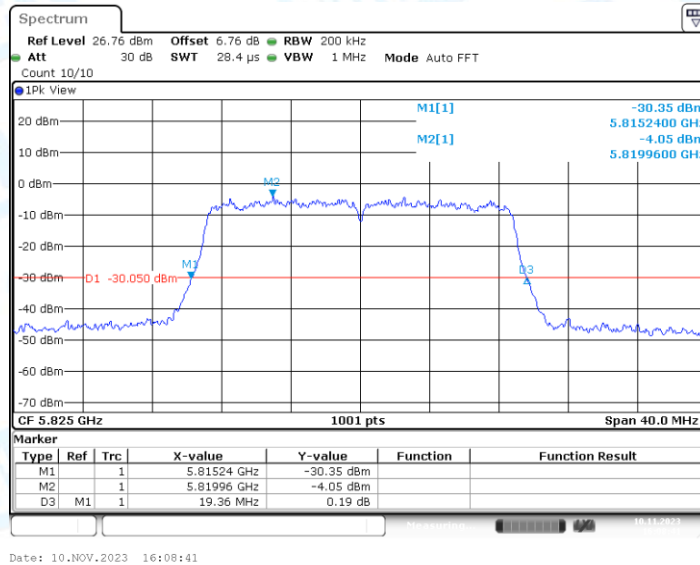
11AC20MIMO_Ant2_5785



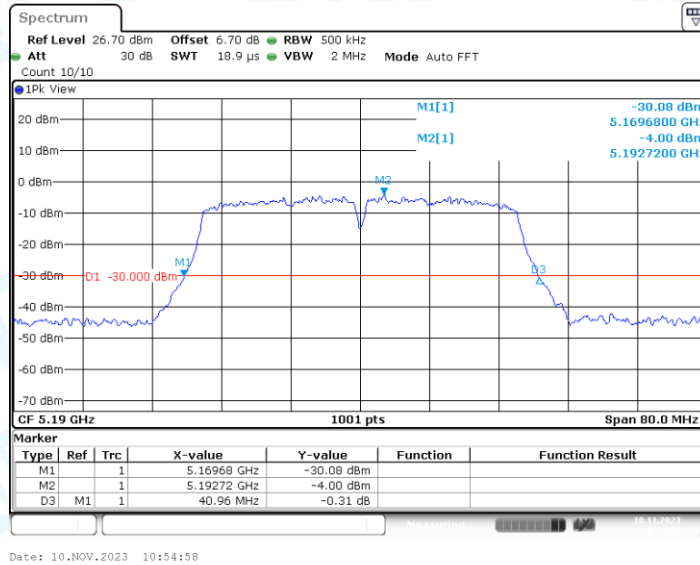
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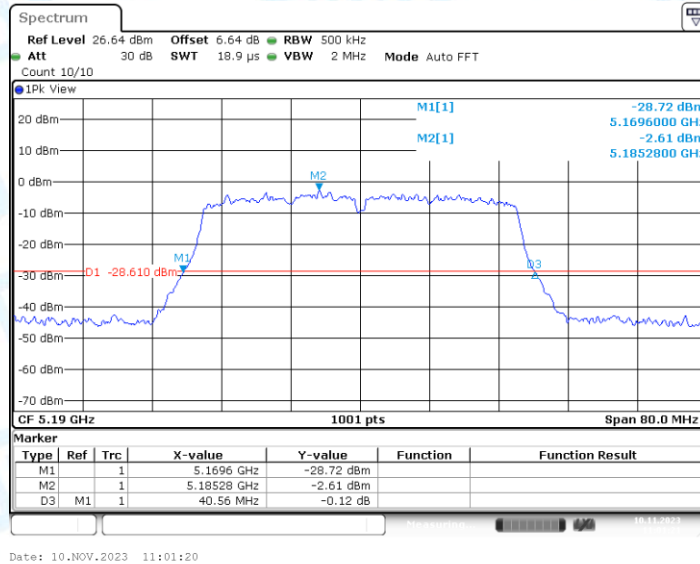
11AC20MIMO_Ant2_5825



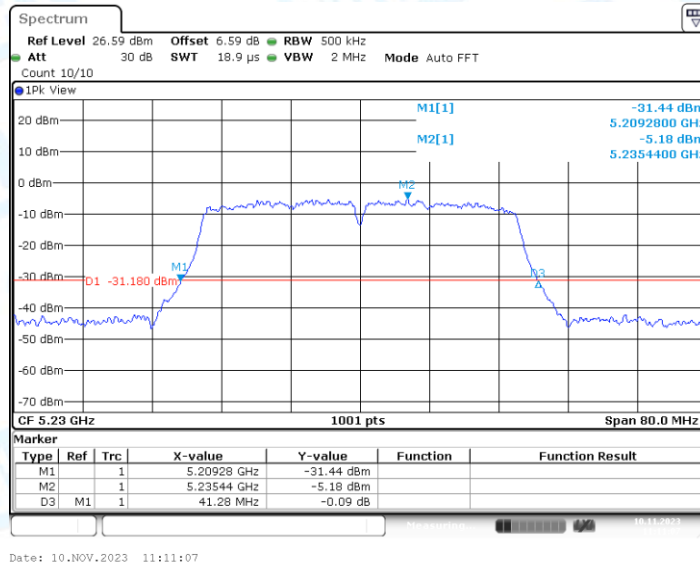
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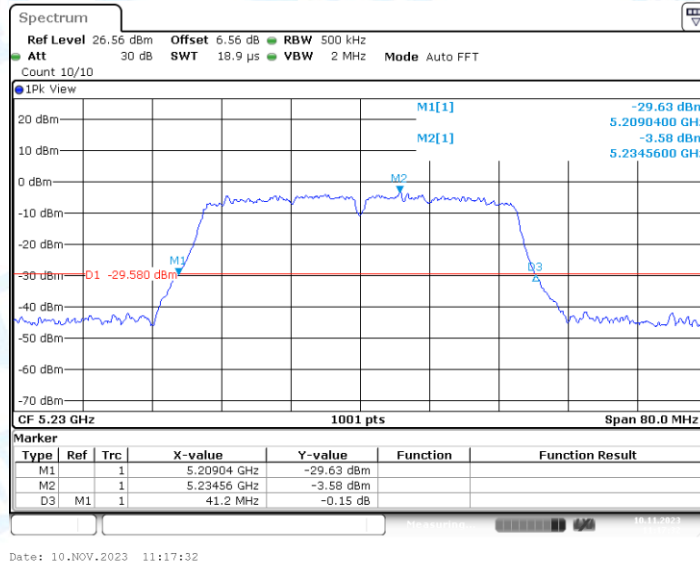
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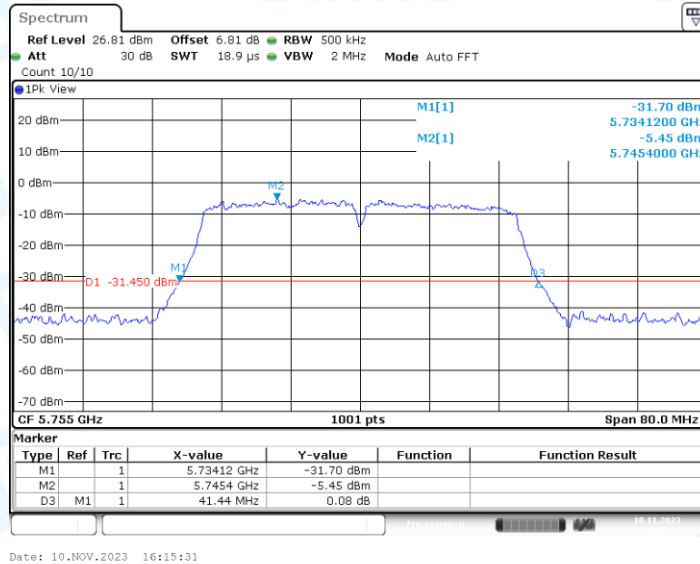
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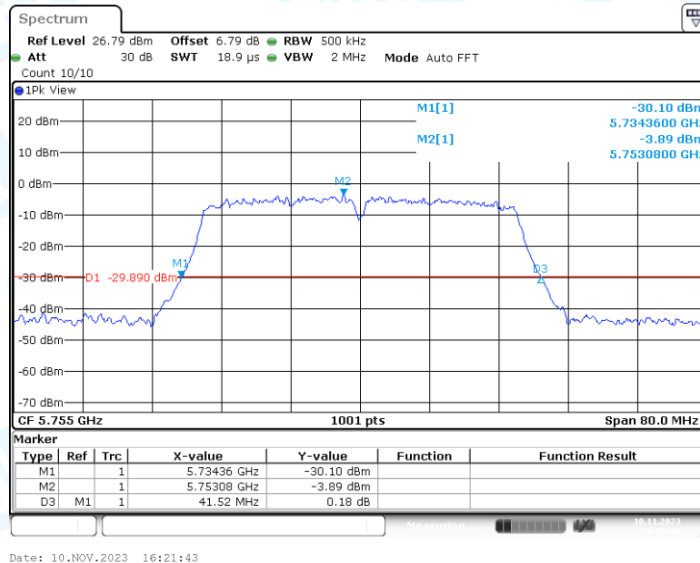
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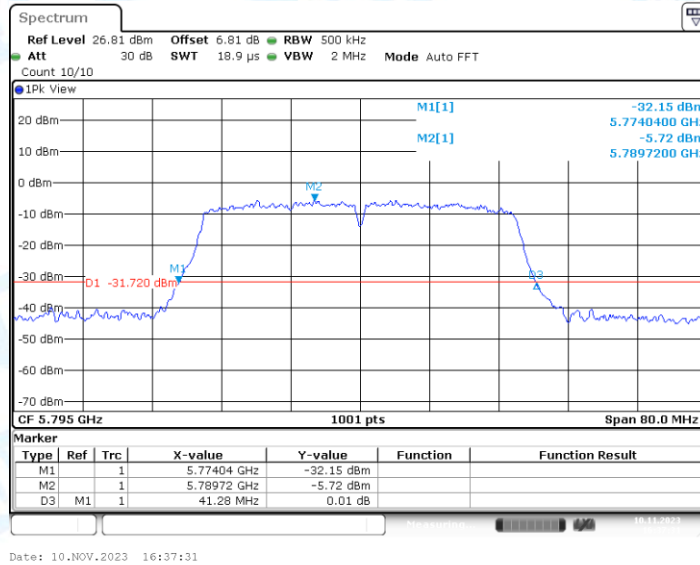
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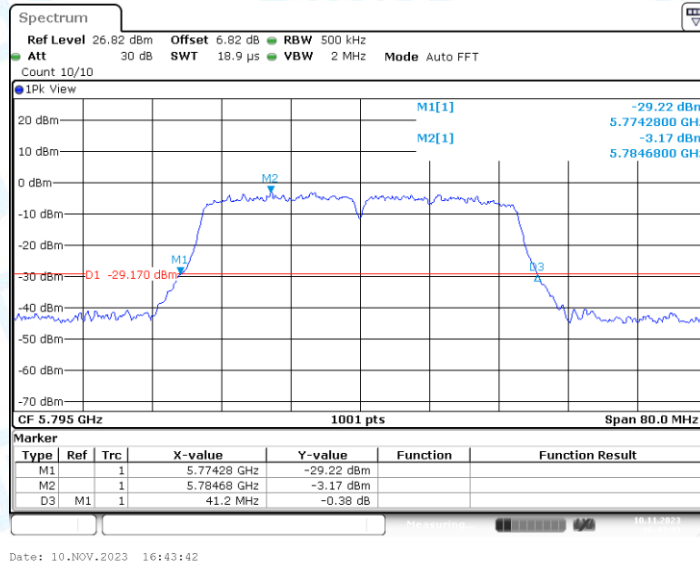
11AC40MIMO_Ant2_5755



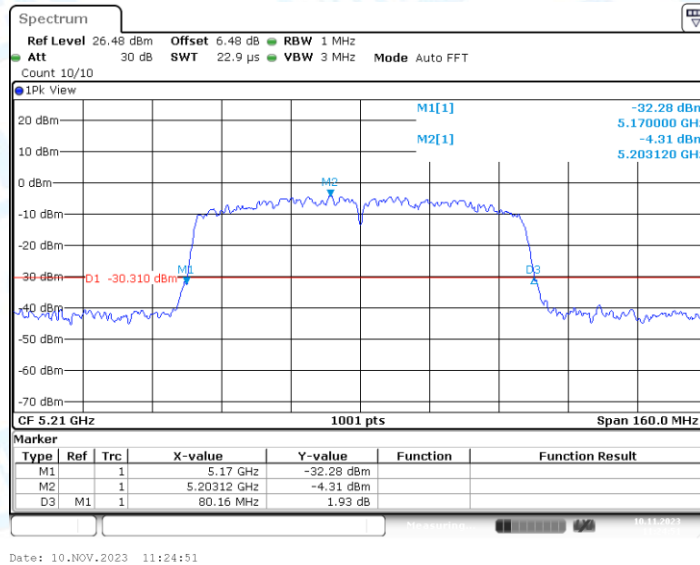
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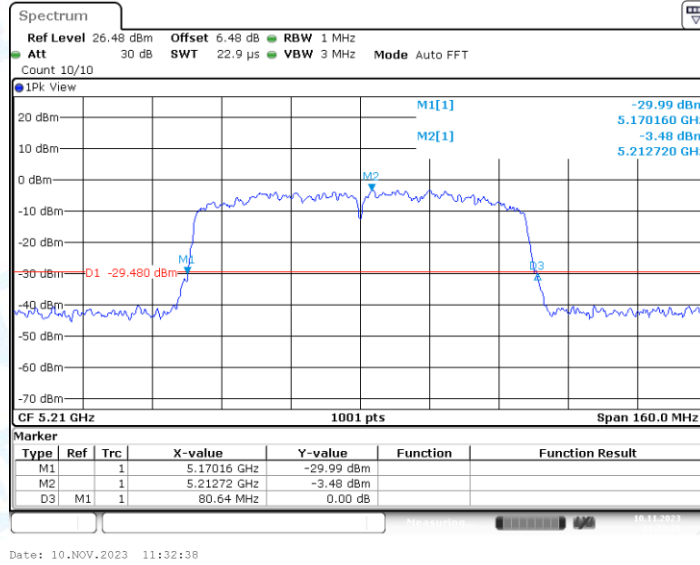
11AC40MIMO_Ant2_5795



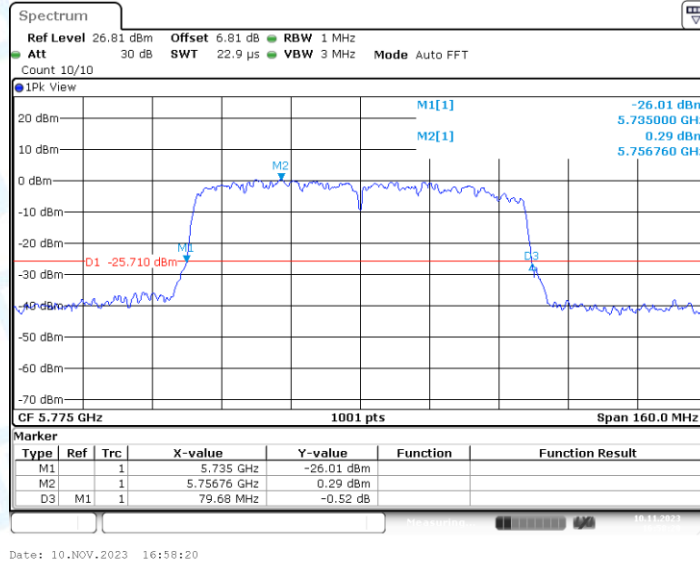
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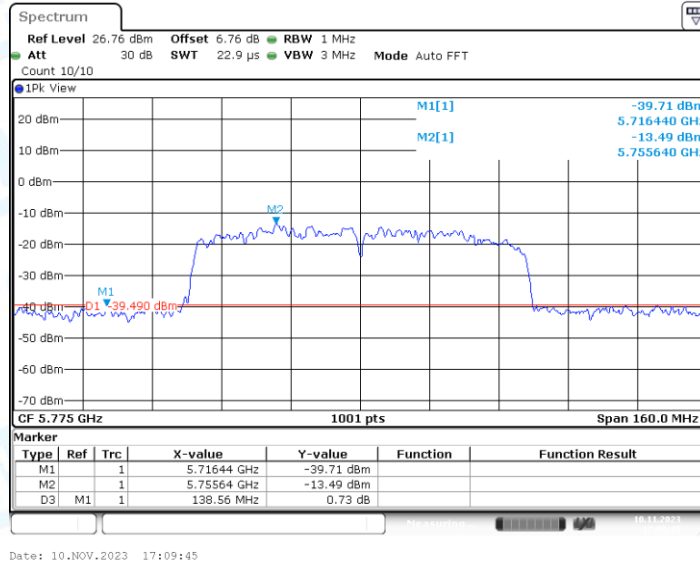
11AC80MIMO_Ant2_5210



11AC80MIMO_Ant1_5775



11AC80MIMO_Ant2_5775



2. Occupied channel bandwidth

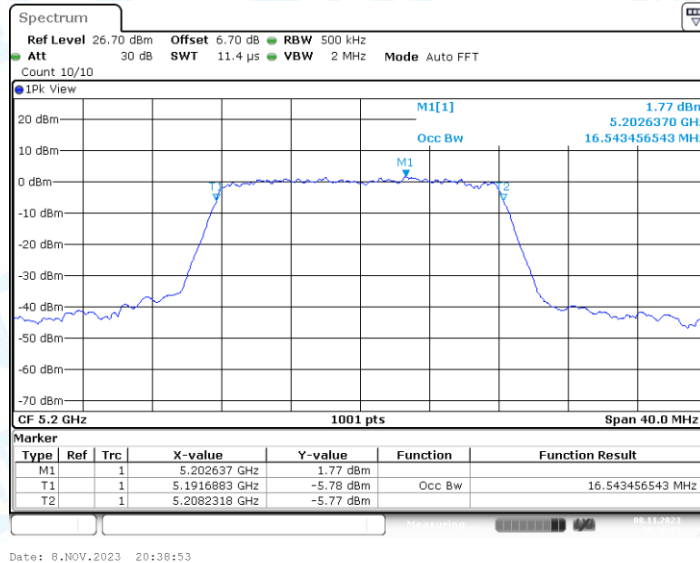
2.1. Test Result

TestMode	Antenna	Channel	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant1	5180	16.543	5171.7283	5188.2717	---	---
	Ant2	5180	16.464	5171.7682	5188.2318	---	---
	Ant1	5200	16.543	5191.6883	5208.2318	---	---
	Ant2	5200	16.543	5191.7283	5208.2717	---	---
	Ant1	5240	16.583	5231.6484	5248.2318	---	---
	Ant2	5240	16.543	5231.7283	5248.2717	---	---
	Ant1	5745	16.543	5736.6883	5753.2318	---	---
	Ant2	5745	16.583	5736.6883	5753.2717	---	---
	Ant1	5785	16.583	5776.6883	5793.2717	---	---
	Ant2	5785	16.503	5776.7682	5793.2717	---	---
	Ant1	5825	16.503	5816.7283	5833.2318	---	---
	Ant2	5825	16.543	5816.6883	5833.2318	---	---
11N20MIMO	Ant1	5180	17.662	5171.1289	5188.7912	---	---
	Ant2	5180	17.702	5171.1289	5188.8312	---	---
	Ant1	5200	17.662	5191.1688	5208.8312	---	---
	Ant2	5200	17.622	5191.2088	5208.8312	---	---
	Ant1	5240	17.622	5231.1688	5248.7912	---	---
	Ant2	5240	17.622	5231.2088	5248.8312	---	---
	Ant1	5745	17.702	5736.1289	5753.8312	---	---
	Ant2	5745	17.742	5736.1289	5753.8711	---	---
	Ant1	5785	17.702	5776.1289	5793.8312	---	---
	Ant2	5785	17.702	5776.1289	5793.8312	---	---
	Ant1	5825	17.662	5816.1688	5833.8312	---	---
	Ant2	5825	17.742	5816.0889	5833.8312	---	---
11N40MIMO	Ant1	5190	36.204	5171.8581	5208.0619	---	---
	Ant2	5190	36.364	5171.9381	5208.3017	---	---
	Ant1	5230	36.523	5211.5385	5248.0619	---	---
	Ant2	5230	36.204	5211.8581	5248.0619	---	---
	Ant1	5755	36.523	5736.4585	5772.9820	---	---
	Ant2	5755	36.124	5736.9381	5773.0619	---	---
	Ant1	5795	36.204	5776.8581	5813.0619	---	---
	Ant2	5795	36.284	5776.7782	5813.0619	---	---
11AC20MIMO	Ant1	5180	17.662	5171.1688	5188.8312	---	---
	Ant2	5180	17.702	5171.1289	5188.8312	---	---
	Ant1	5200	17.622	5191.2088	5208.8312	---	---
	Ant2	5200	17.702	5191.1688	5208.8711	---	---
	Ant1	5240	17.662	5231.1289	5248.7912	---	---
	Ant2	5240	17.702	5231.1289	5248.8312	---	---
	Ant1	5745	17.702	5736.1289	5753.8312	---	---
	Ant2	5745	17.662	5736.1688	5753.8312	---	---

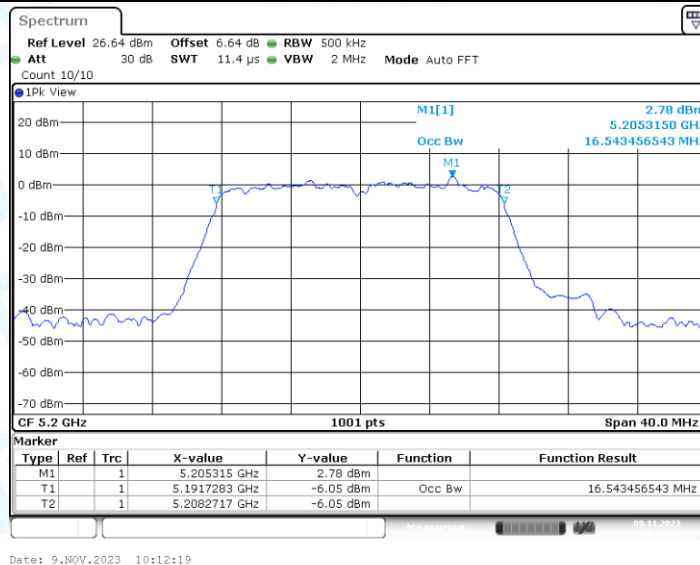
	Ant1	5785	17.702	5776.1289	5793.8312	---	---
	Ant2	5785	17.702	5776.0889	5793.7912	---	---
	Ant1	5825	17.622	5816.1688	5833.7912	---	---
	Ant2	5825	17.622	5816.1688	5833.7912	---	---
11AC40MIMO	Ant1	5190	36.204	5171.8581	5208.0619	---	---
	Ant2	5190	36.444	5171.9381	5208.3816	---	---
	Ant1	5230	36.284	5211.7782	5248.0619	---	---
	Ant2	5230	36.124	5211.8581	5247.9820	---	---
	Ant1	5755	36.364	5736.6184	5772.9820	---	---
	Ant2	5755	36.124	5736.9381	5773.0619	---	---
	Ant1	5795	36.124	5776.8581	5812.9820	---	---
	Ant2	5795	36.204	5776.7782	5812.9820	---	---
11AC80MIMO	Ant1	5210	74.805	5172.5974	5247.4026	---	---
	Ant2	5210	74.805	5172.5974	5247.4026	---	---
	Ant1	5775	74.805	5737.2777	5812.0829	---	---
	Ant2	5775	75.285	5737.2777	5812.5624	---	---

2.2. Test Graphs

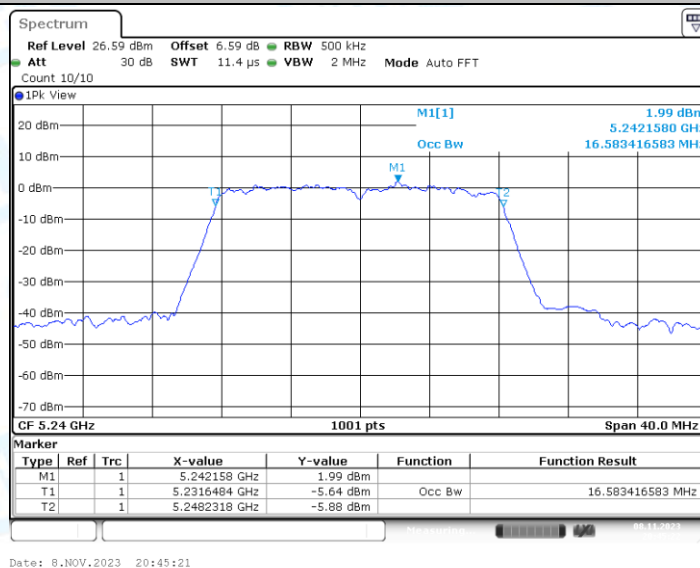




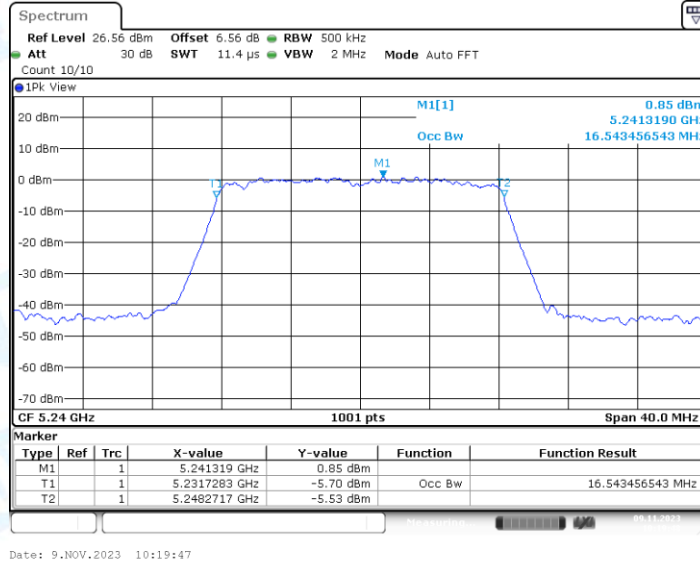
11A_Ant2_5200



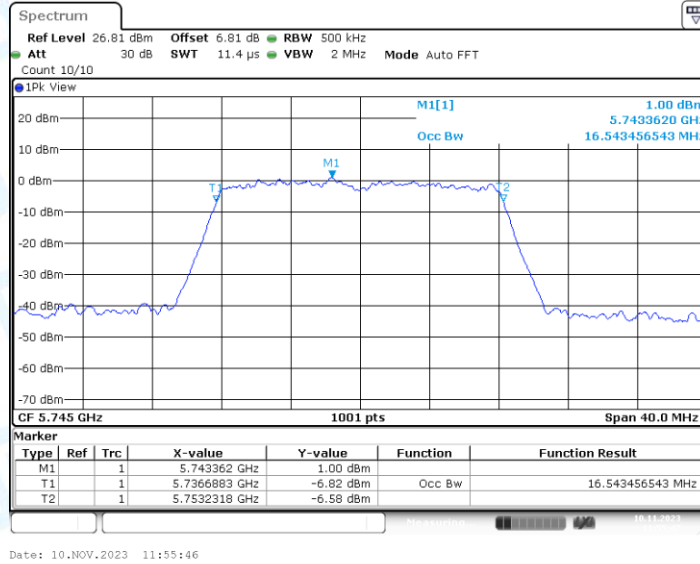
11A_Ant1_5240



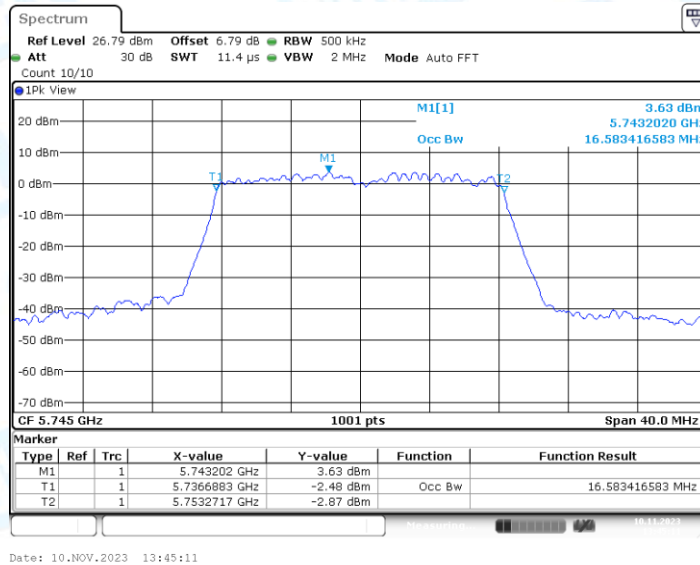
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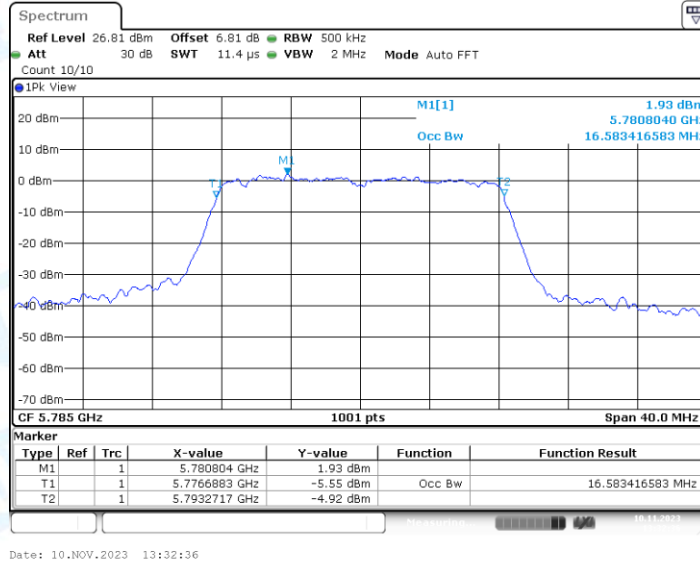
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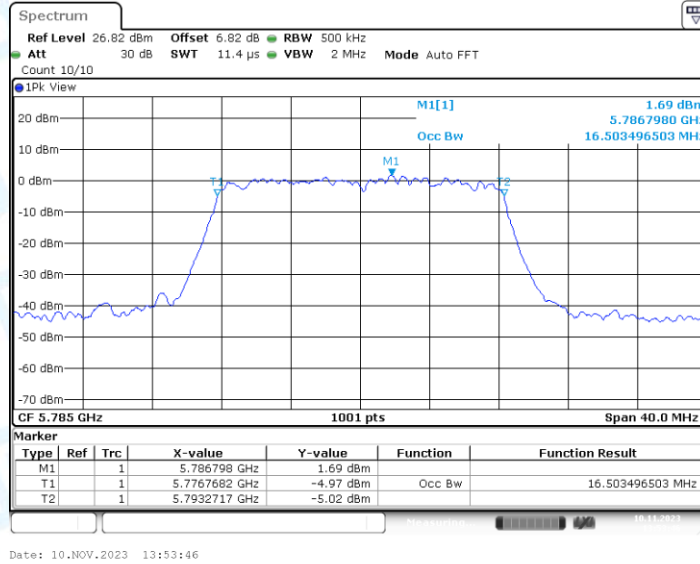
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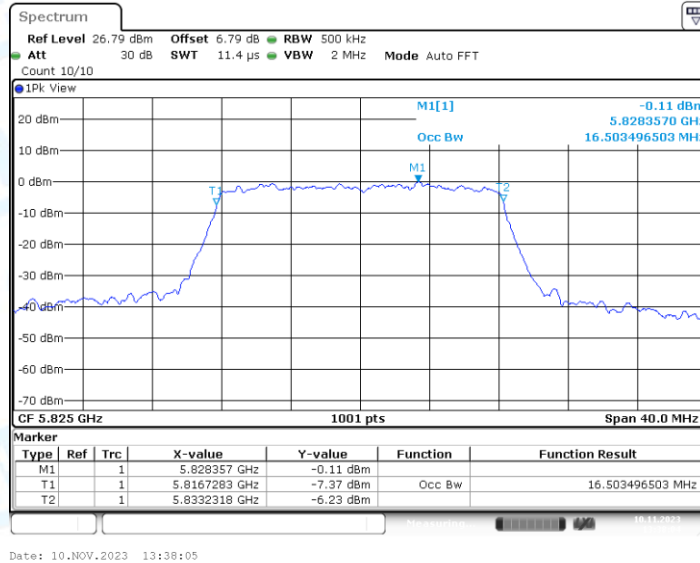
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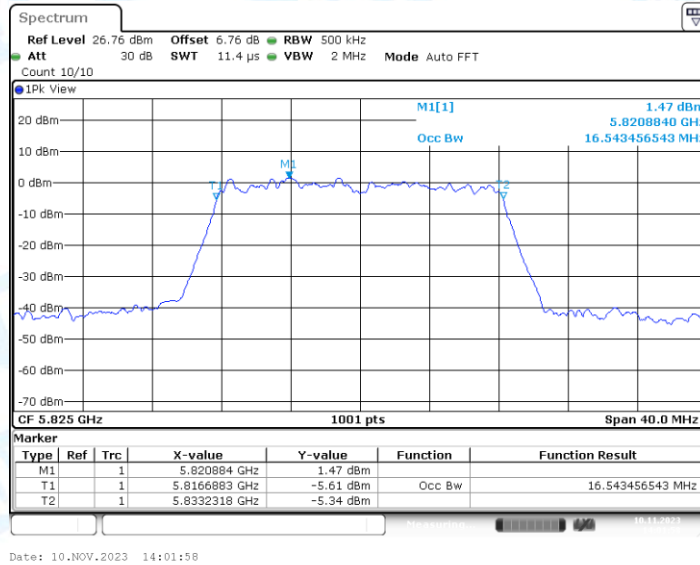
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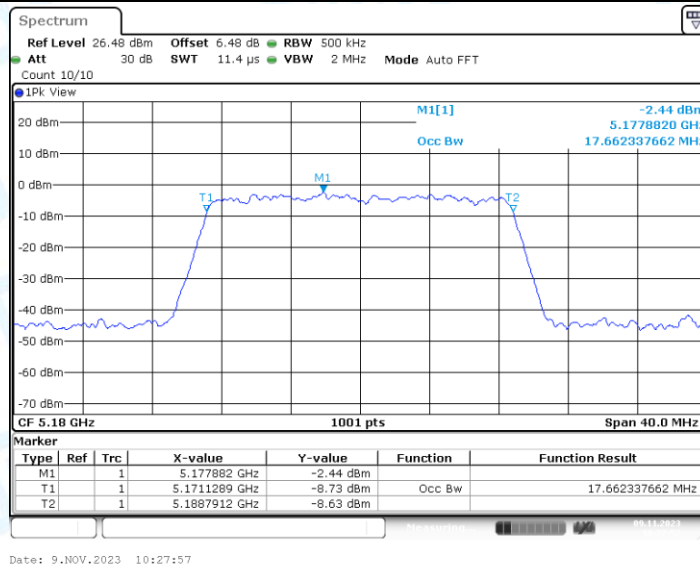
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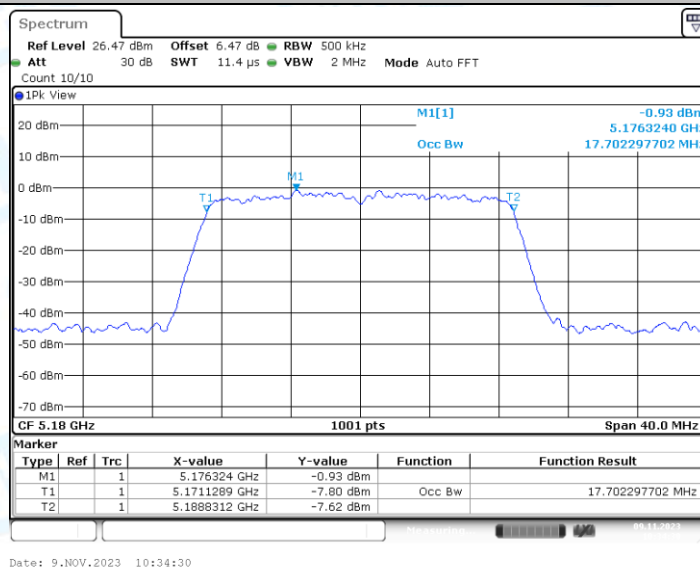
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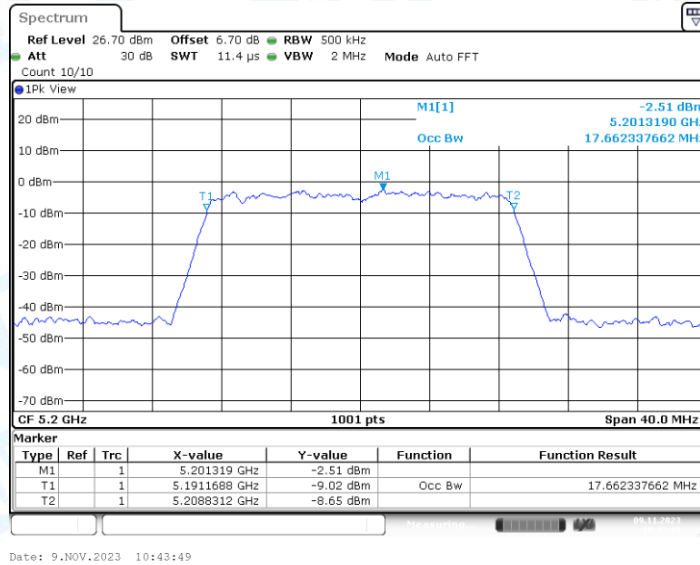
11N20MIMO_Ant1_5180



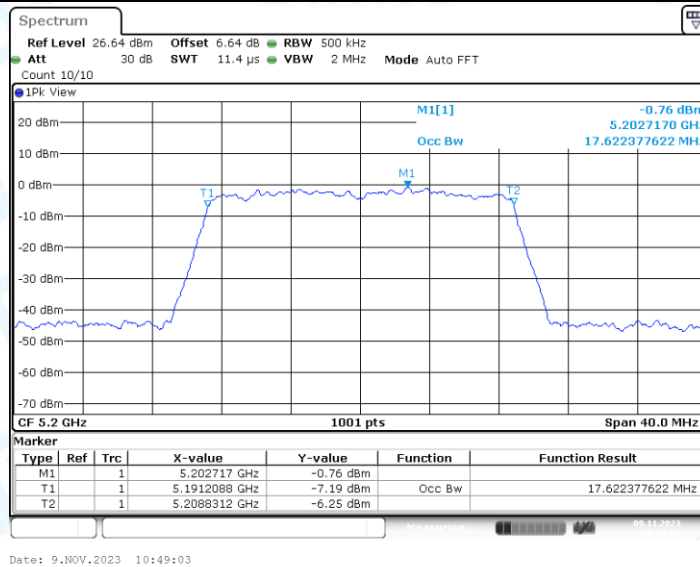
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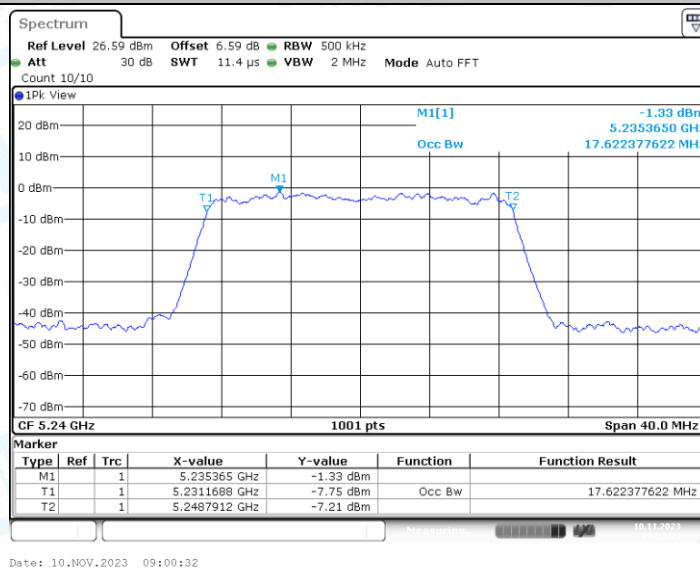
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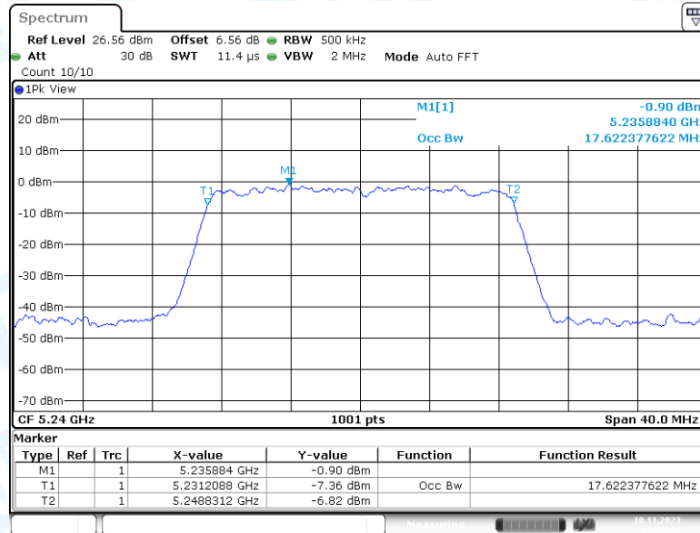
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11N20MIMO_Ant1_5240

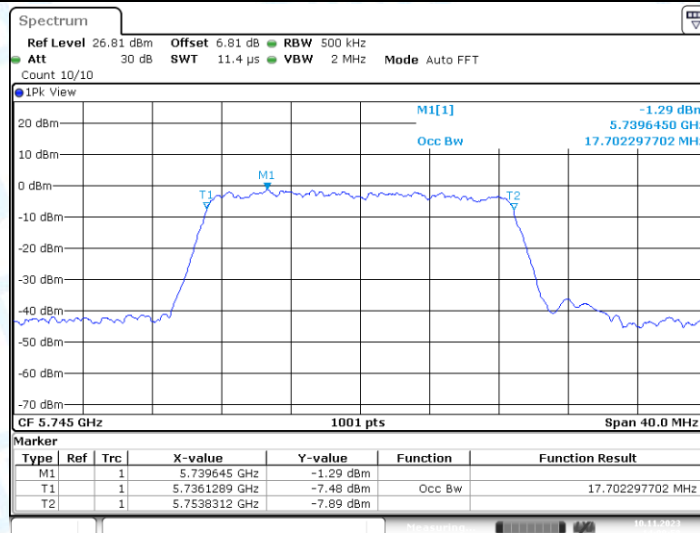


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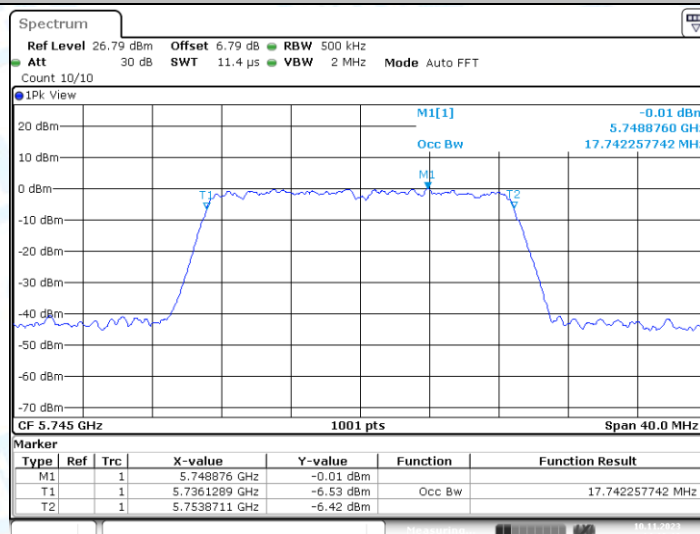
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11N20MIMO_Ant1_5745



Date: 10.NOV.2023 14:09:58

11N20MIMO_Ant2_5745



Date: 10.NOV.2023 14:16:10

11N20MIMO_Ant1_5785