

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

General Description of EUT	
EUT Name:	Yarbo Core
Model:	2429 US
Sample ID:	HC-C-202406-0011-01-05#
Test Standard:	FCC Part 15.407 & RSS 247 Issue 3
Environmental Conditions	
Ambient Temperature:	24.8°C
Ambient Humidity:	50%RH
Test Power Supply:	DC 36V
Test Engineer:	Zkn Zhou
Note: For a more detailed features description, please refer to the report TBR-C-202406-0011-33.	

Contents

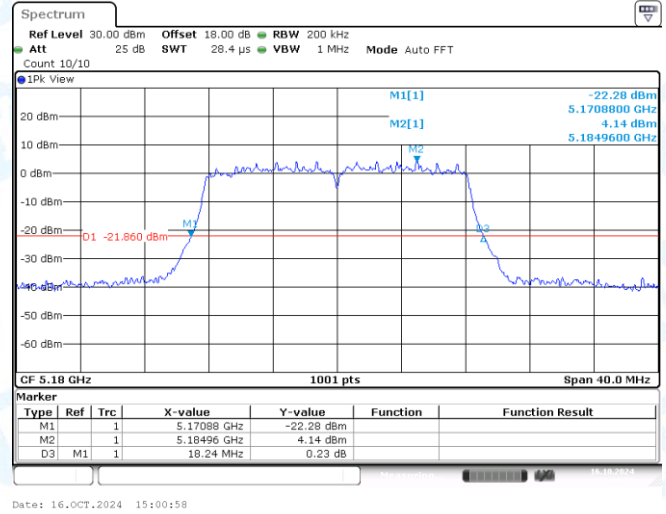
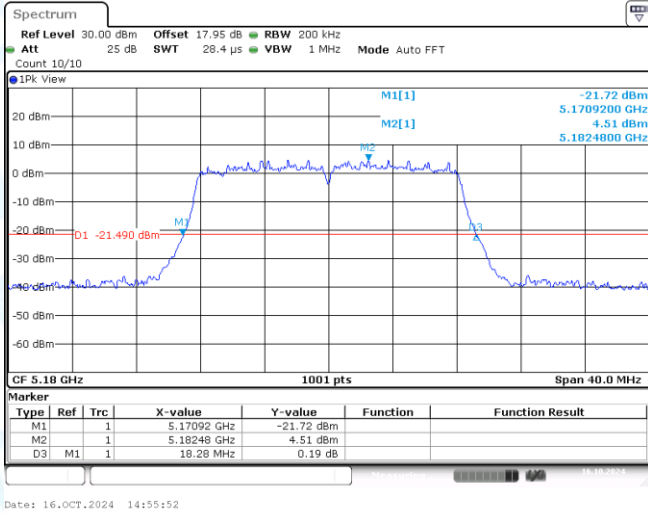
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1: Emission Bandwidth

1.1 Test Result

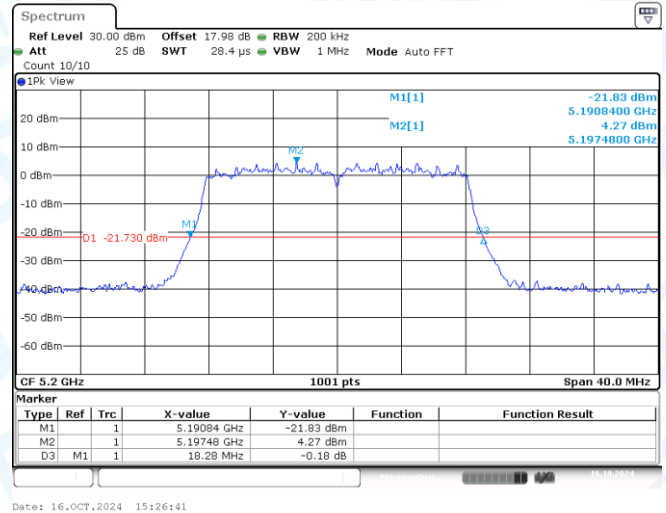
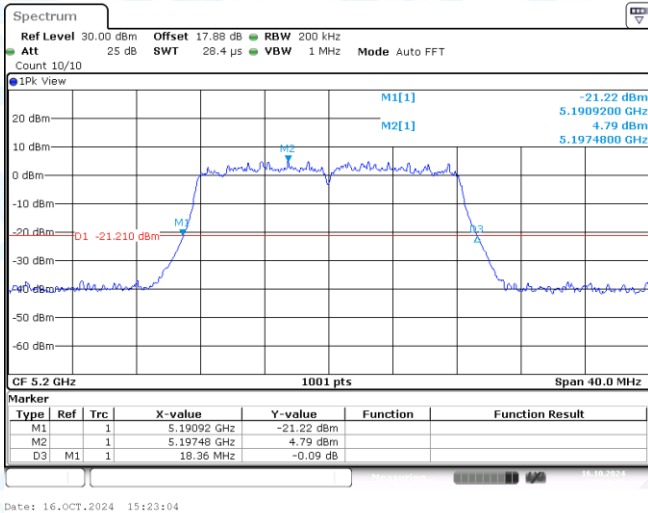
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.28	5170.92	5189.20	---	---
11A-CDD	Ant2	5180	18.24	5170.88	5189.12	---	---
11A-CDD	Ant1	5200	18.36	5190.92	5209.28	---	---
11A-CDD	Ant2	5200	18.28	5190.84	5209.12	---	---
11A-CDD	Ant1	5240	18.32	5230.92	5249.24	---	---
11A-CDD	Ant2	5240	18.24	5230.88	5249.12	---	---
11N20MIMO	Ant1	5180	19.36	5170.28	5189.64	---	---
11N20MIMO	Ant2	5180	19.24	5170.32	5189.56	---	---
11N20MIMO	Ant1	5200	19.32	5190.28	5209.60	---	---
11N20MIMO	Ant2	5200	19.28	5190.32	5209.60	---	---
11N20MIMO	Ant1	5240	19.32	5230.28	5249.60	---	---
11N20MIMO	Ant2	5240	19.32	5230.28	5249.60	---	---
11N40MIMO	Ant1	5190	39.20	5170.48	5209.68	---	---
11N40MIMO	Ant2	5190	39.12	5170.56	5209.68	---	---
11N40MIMO	Ant1	5230	39.44	5210.40	5249.84	---	---
11N40MIMO	Ant2	5230	39.28	5210.56	5249.84	---	---
11AC20MIMO	Ant1	5180	19.36	5170.32	5189.68	---	---
11AC20MIMO	Ant2	5180	19.44	5170.28	5189.72	---	---
11AC20MIMO	Ant1	5200	19.36	5190.28	5209.64	---	---
11AC20MIMO	Ant2	5200	19.40	5190.28	5209.68	---	---
11AC20MIMO	Ant1	5240	19.40	5230.28	5249.68	---	---
11AC20MIMO	Ant2	5240	19.40	5230.28	5249.68	---	---
11AC40MIMO	Ant1	5190	39.20	5170.56	5209.76	---	---
11AC40MIMO	Ant2	5190	39.20	5170.48	5209.68	---	---
11AC40MIMO	Ant1	5230	39.52	5210.40	5249.92	---	---
11AC40MIMO	Ant2	5230	39.36	5210.40	5249.76	---	---
11AC80MIMO	Ant1	5210	86.56	5165.84	5252.40	---	---
11AC80MIMO	Ant2	5210	84.48	5168.24	5252.72	---	---
11AX20MIMO	Ant1	5180	20.36	5169.84	5190.20	---	---
11AX20MIMO	Ant2	5180	20.40	5169.84	5190.24	---	---
11AX20MIMO	Ant1	5200	20.40	5189.84	5210.24	---	---
11AX20MIMO	Ant2	5200	20.36	5189.84	5210.20	---	---
11AX20MIMO	Ant1	5240	20.32	5229.84	5250.16	---	---
11AX20MIMO	Ant2	5240	20.36	5229.84	5250.20	---	---
11AX40MIMO	Ant1	5190	40.08	5169.92	5210.00	---	---
11AX40MIMO	Ant2	5190	40.08	5170.00	5210.08	---	---
11AX40MIMO	Ant1	5230	40.00	5209.92	5249.92	---	---
11AX40MIMO	Ant2	5230	40.00	5210.00	5250.00	---	---
11AX80MIMO	Ant1	5210	80.80	5169.36	5250.16	---	---
11AX80MIMO	Ant2	5210	80.64	5169.52	5250.16	---	---

1.2 Test Graphs



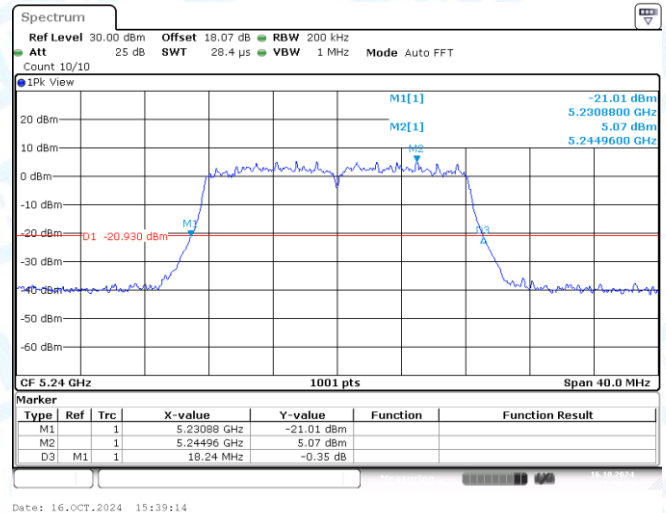
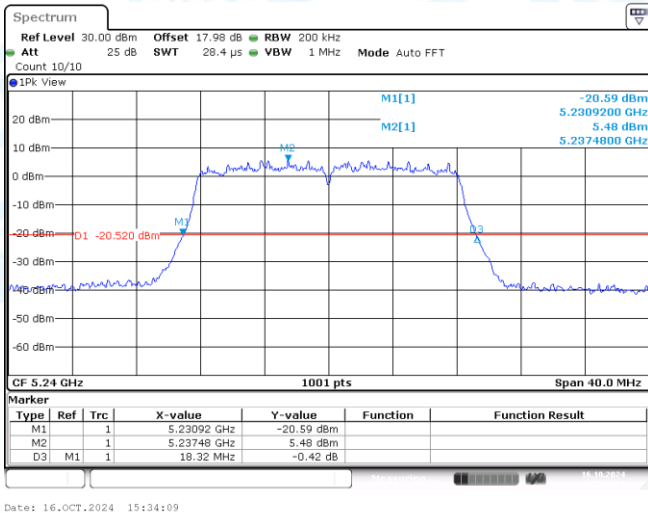
11A-CDD-Ant1-5180

11A-CDD-Ant2-5180



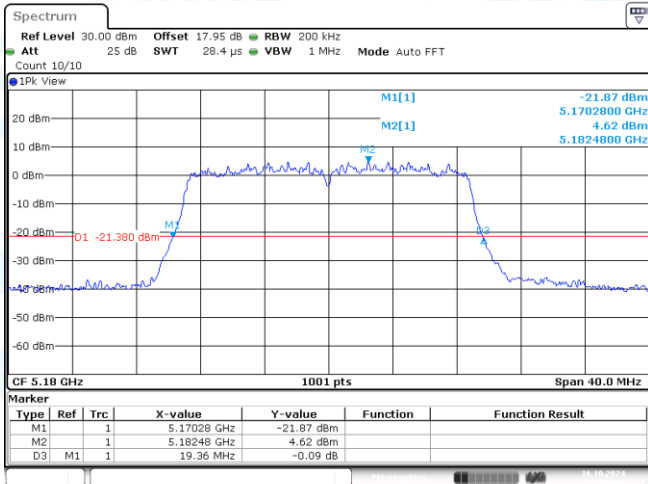
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11A-CDD-Ant2-5200

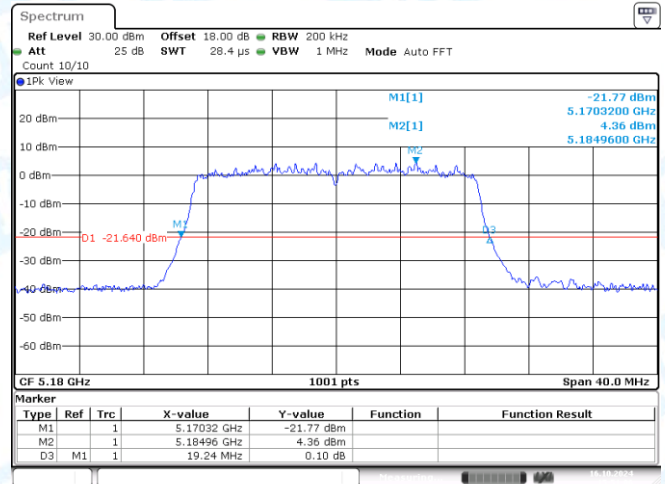


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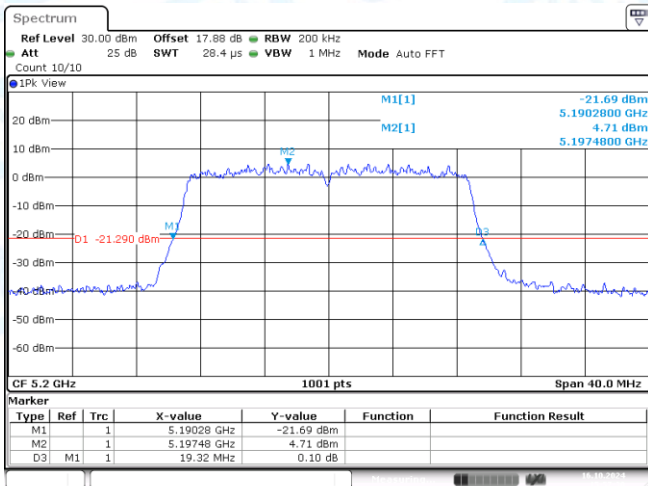
11A-CDD-Ant2-5240



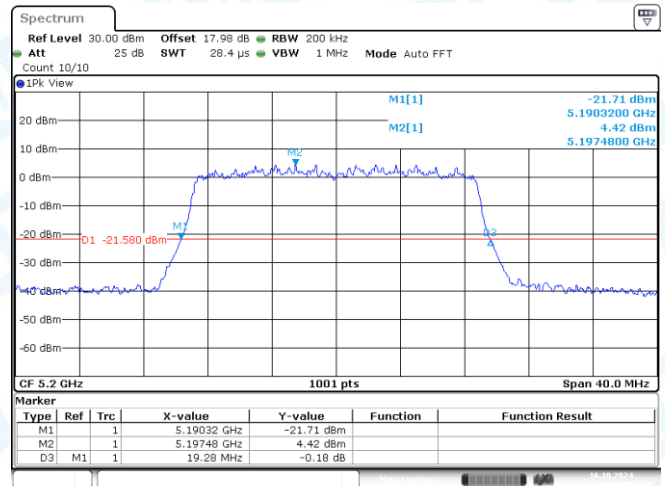
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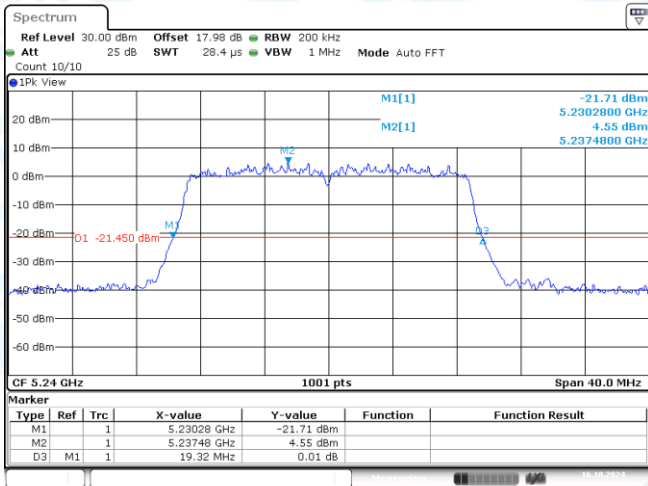
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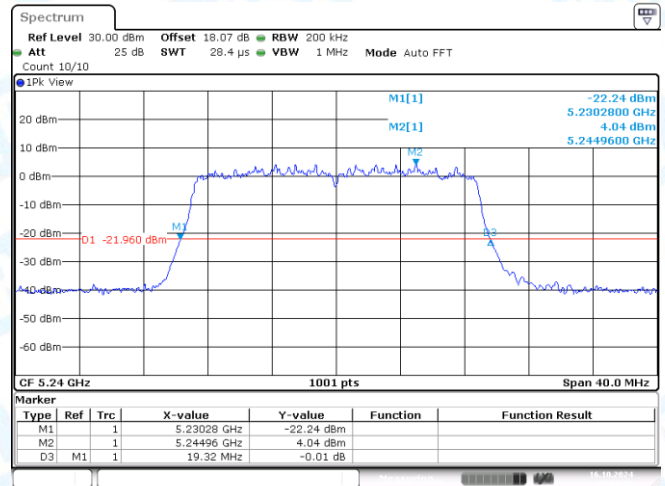
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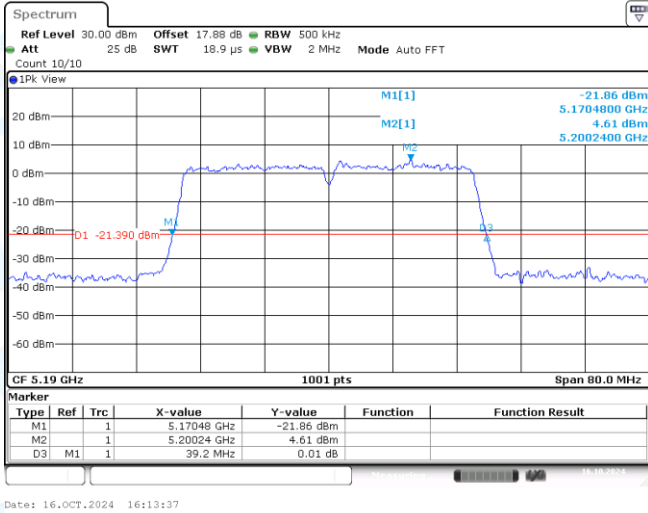
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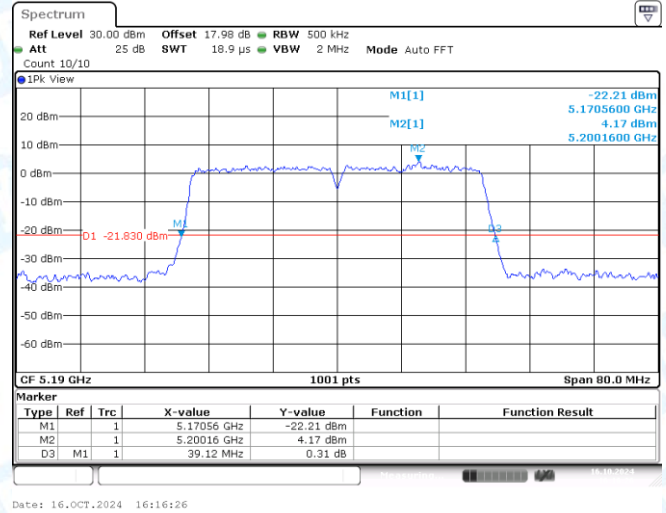
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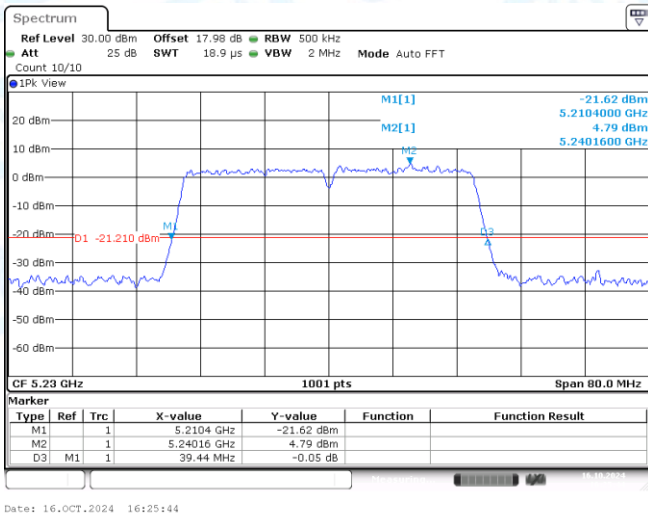
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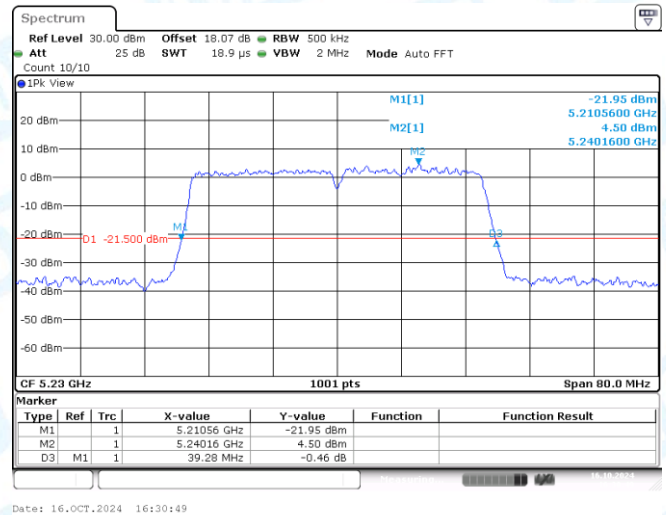
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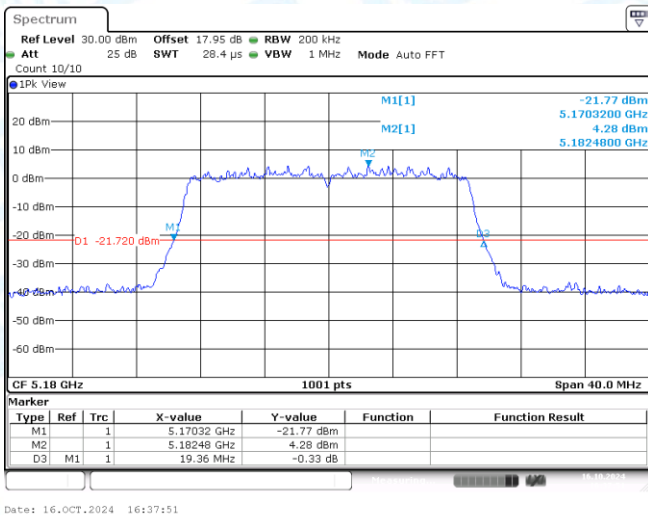
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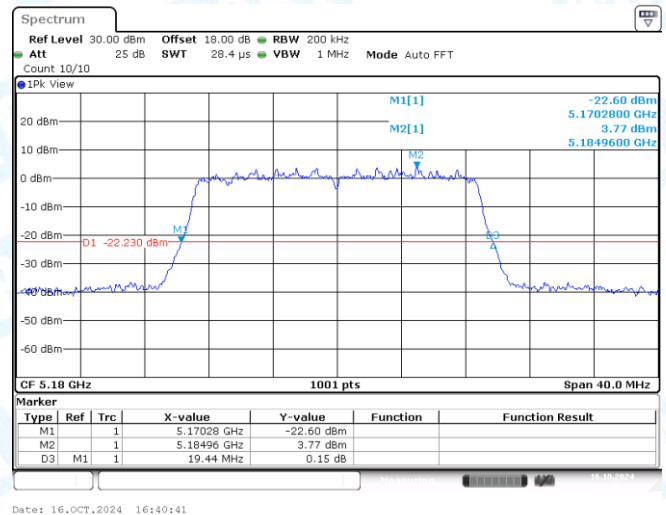
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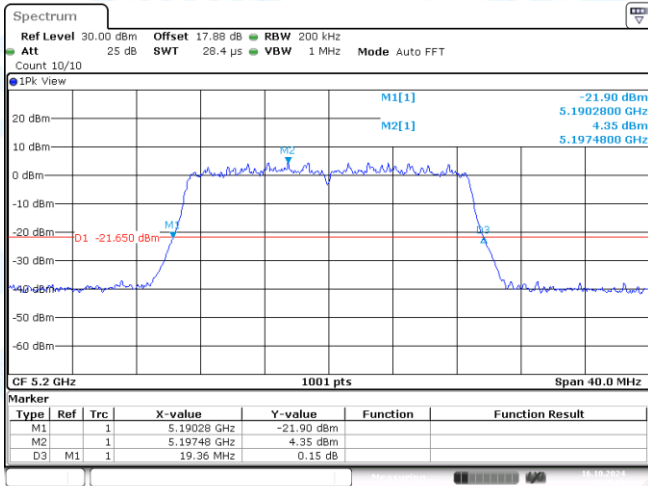
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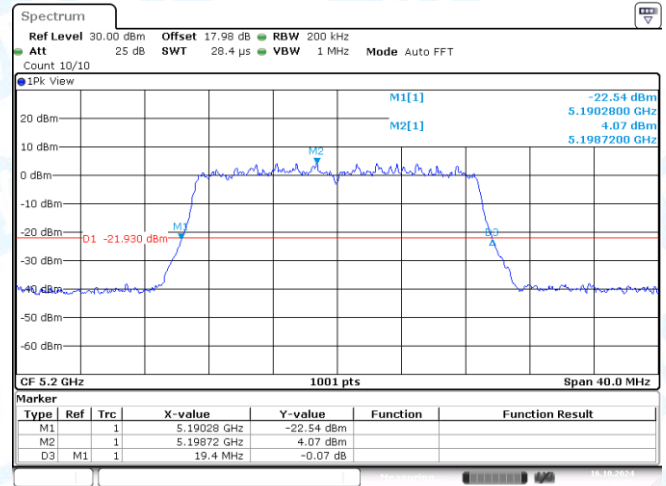
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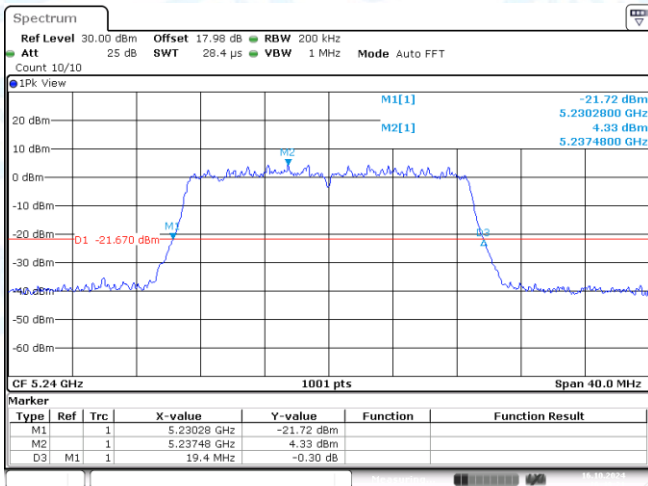
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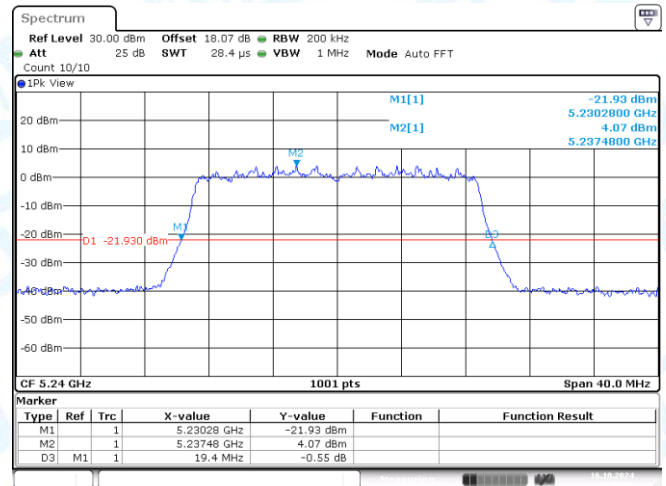
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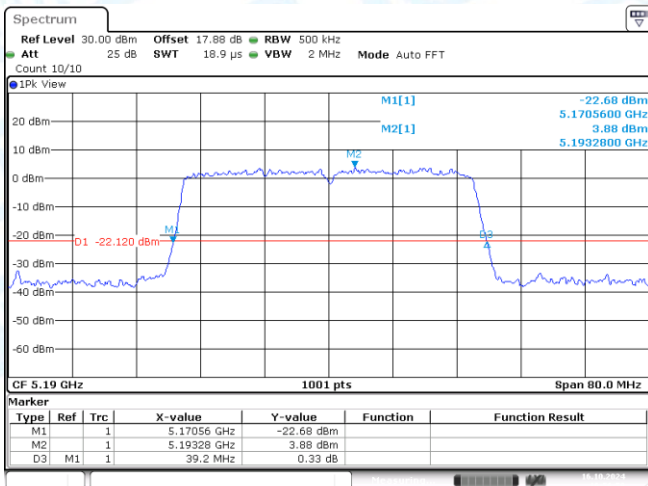
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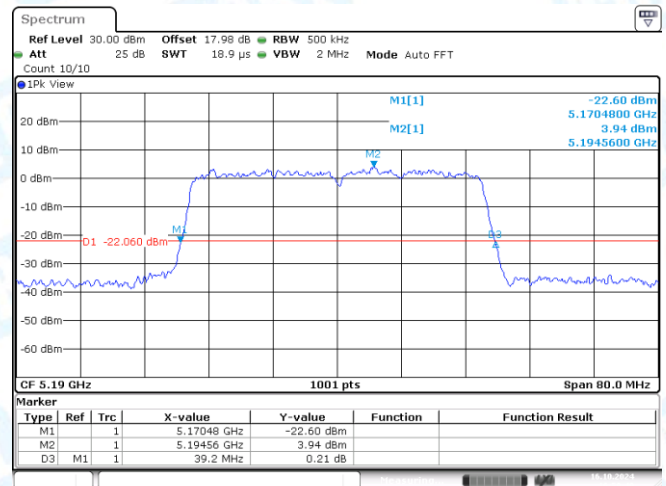
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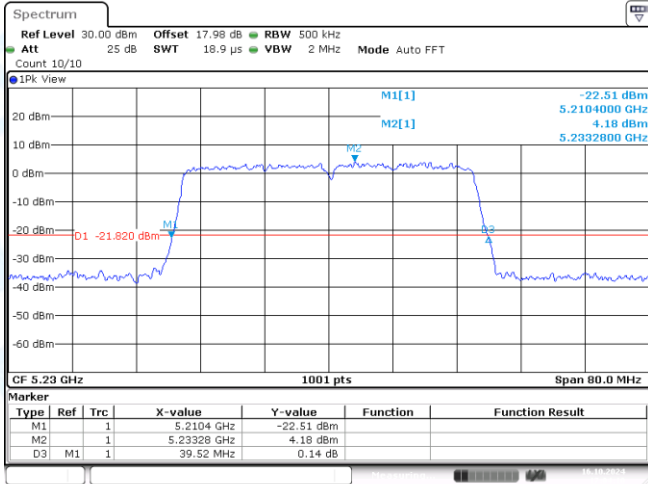
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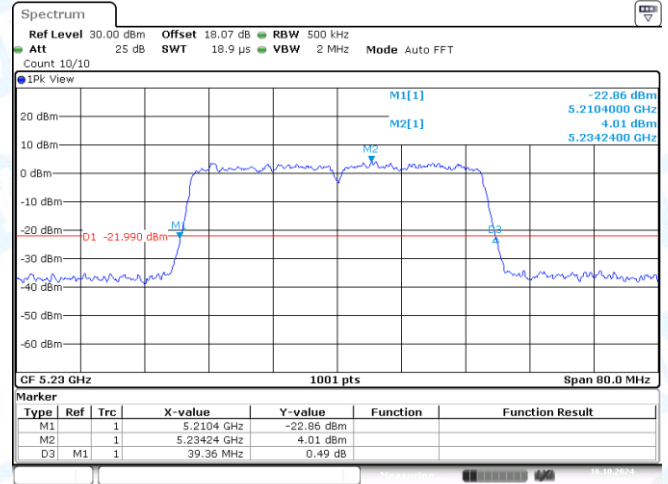
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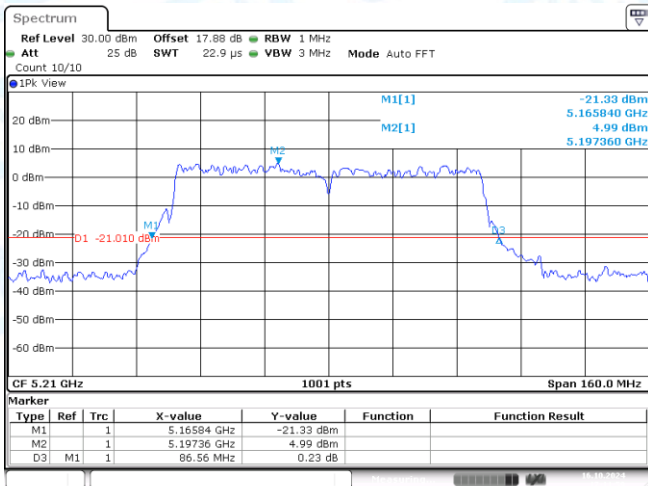
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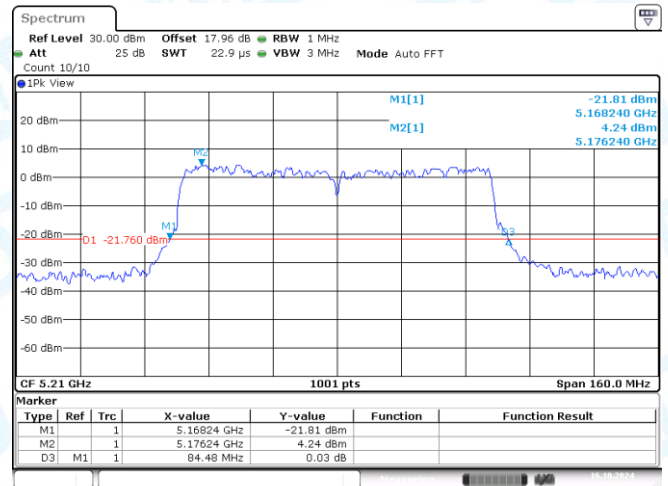
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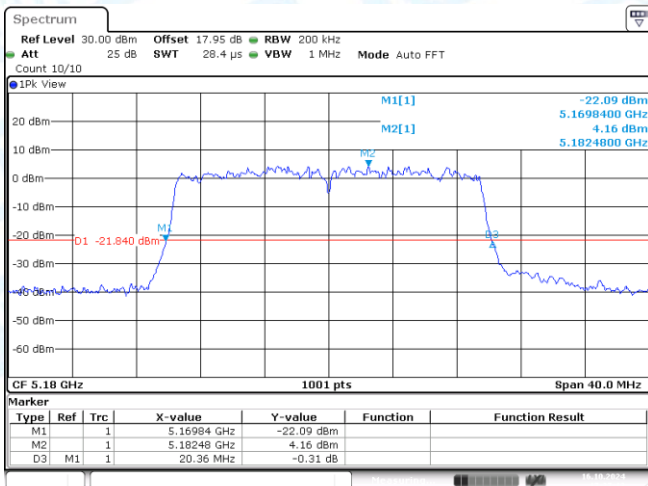
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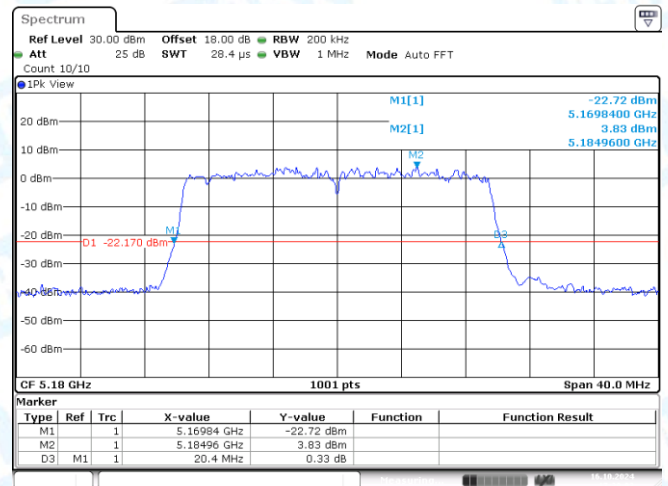
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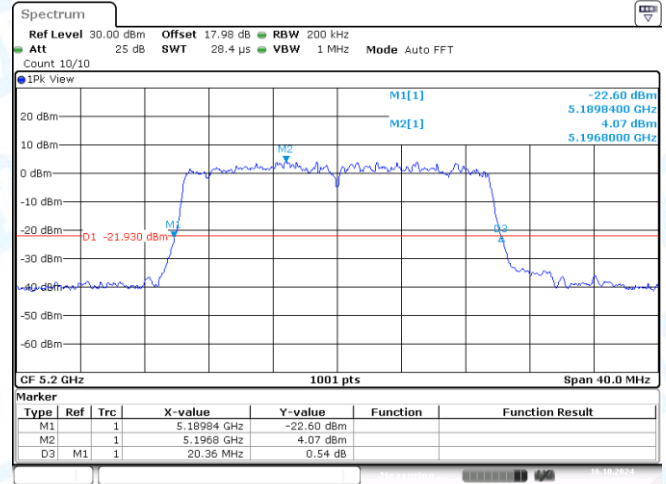
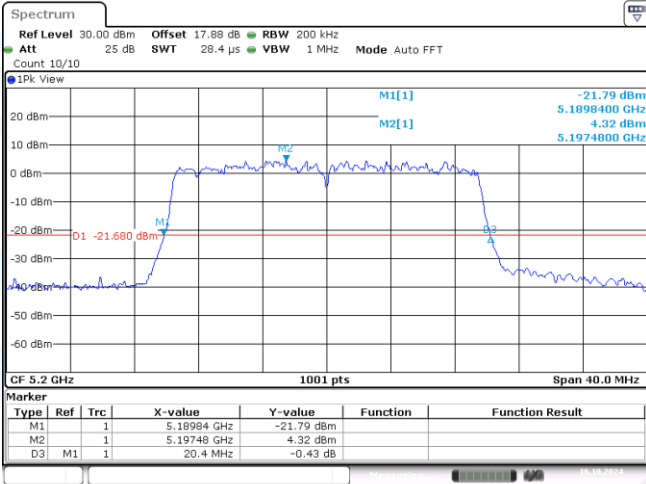
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11AX20MIMO-Ant1-5180

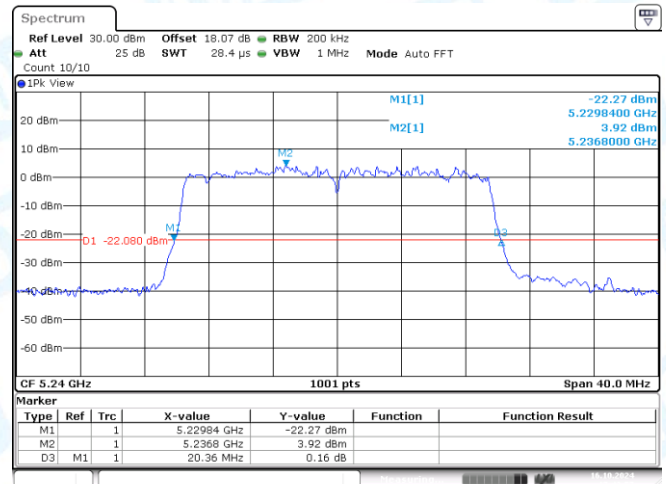
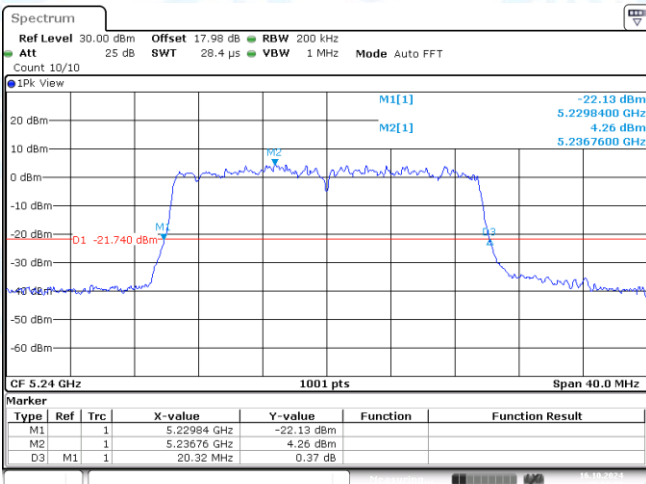


11AX20MIMO-Ant2-5180



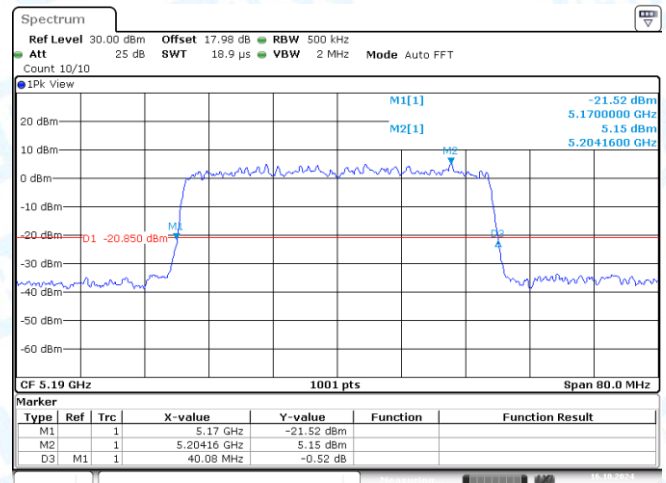
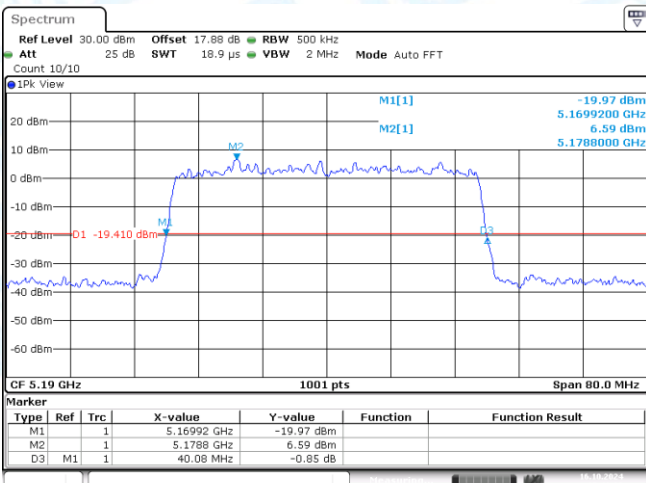
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11AX20MIMO-Ant2-5200



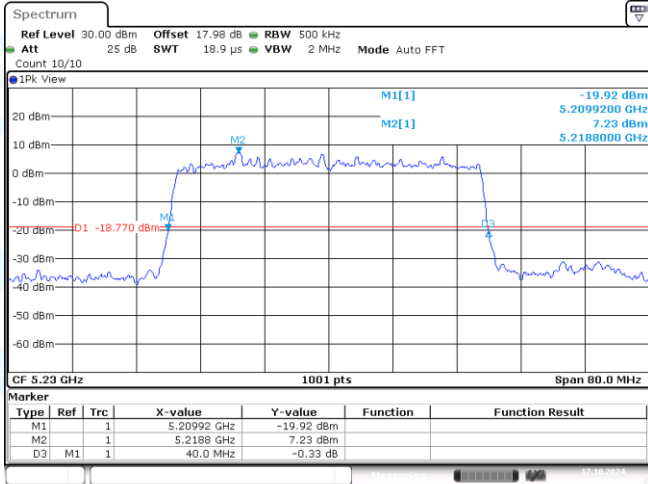
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11AX20MIMO-Ant2-5240

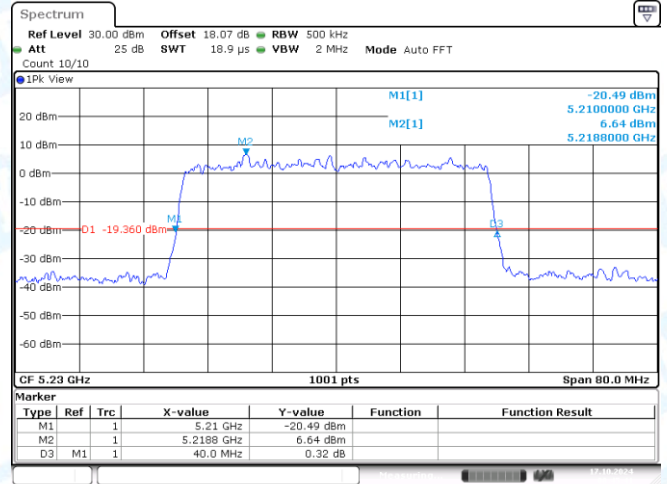


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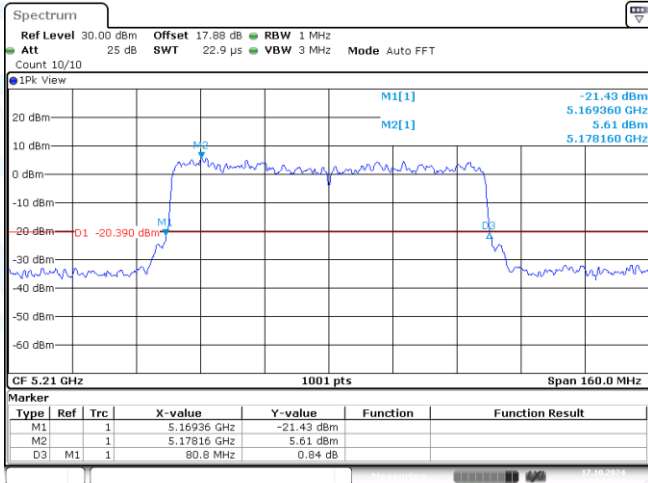
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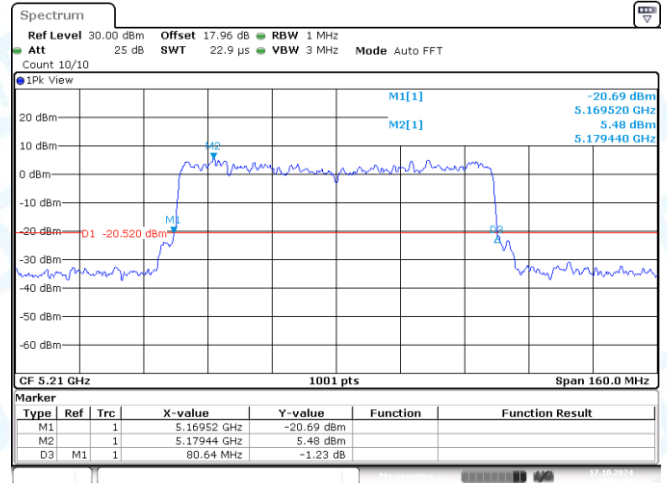
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11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210



11AX80MIMO-Ant2-5210

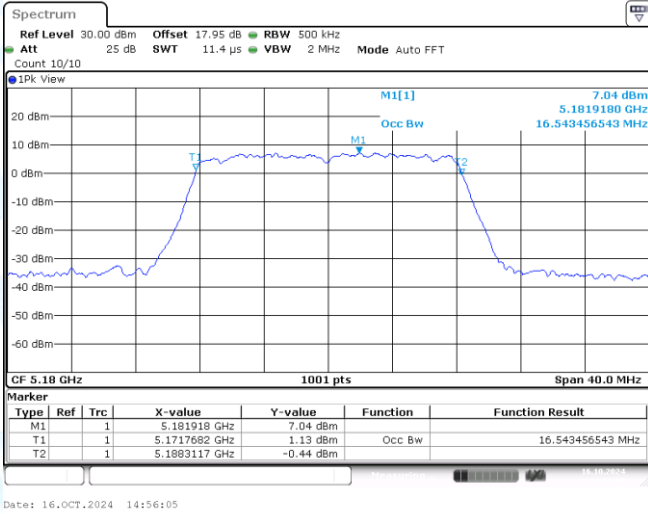
2: Occupied channel bandwidth

2.1 Test Result

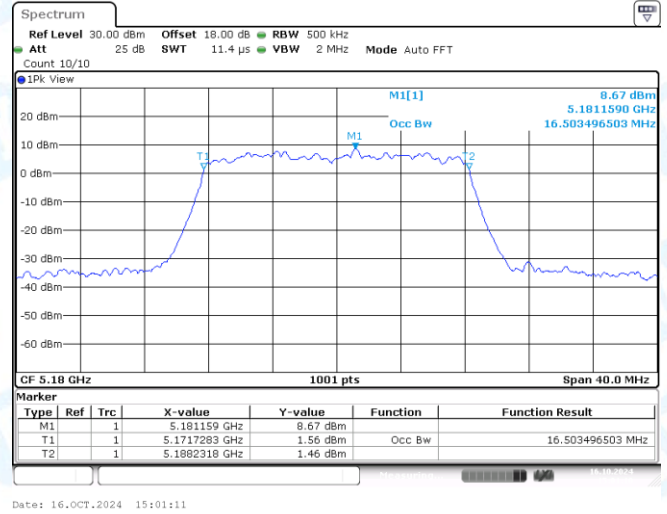
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.543	5171.7682	5188.3117	---	---
11A-CDD	Ant2	5180	16.503	5171.7283	5188.2318	---	---
11A-CDD	Ant1	5200	16.543	5191.7283	5208.2717	---	---
11A-CDD	Ant2	5200	16.464	5191.7682	5208.2318	---	---
11A-CDD	Ant1	5240	16.464	5231.7682	5248.2318	---	---
11A-CDD	Ant2	5240	16.464	5231.7283	5248.1918	---	---
11A-CDD	Ant1	5745	16.583	5736.7283	5753.3117	---	---
11A-CDD	Ant2	5745	16.503	5736.7283	5753.2318	---	---
11A-CDD	Ant1	5785	16.583	5776.7283	5793.3117	---	---
11A-CDD	Ant2	5785	16.543	5776.6883	5793.2318	---	---
11A-CDD	Ant1	5825	16.543	5816.7283	5833.2717	---	---
11A-CDD	Ant2	5825	16.464	5816.7283	5833.1918	---	---
11N20MIMO	Ant1	5180	17.662	5171.1289	5188.7912	---	---
11N20MIMO	Ant2	5180	17.622	5171.1289	5188.7512	---	---
11N20MIMO	Ant1	5200	17.662	5191.1289	5208.7912	---	---
11N20MIMO	Ant2	5200	17.662	5191.1289	5208.7912	---	---
11N20MIMO	Ant1	5240	17.662	5231.1289	5248.7912	---	---
11N20MIMO	Ant2	5240	17.662	5231.1289	5248.7912	---	---
11N20MIMO	Ant1	5745	17.702	5736.0889	5753.7912	---	---
11N20MIMO	Ant2	5745	17.622	5736.1688	5753.7912	---	---
11N20MIMO	Ant1	5785	17.662	5776.1289	5793.7912	---	---
11N20MIMO	Ant2	5785	17.662	5776.1289	5793.7912	---	---
11N20MIMO	Ant1	5825	17.662	5816.1289	5833.7912	---	---
11N20MIMO	Ant2	5825	17.662	5816.1289	5833.7912	---	---
11N40MIMO	Ant1	5190	36.284	5171.8581	5208.1419	---	---
11N40MIMO	Ant2	5190	36.364	5171.8581	5208.2218	---	---
11N40MIMO	Ant1	5230	36.204	5211.9381	5248.1419	---	---
11N40MIMO	Ant2	5230	36.284	5211.8581	5248.1419	---	---
11N40MIMO	Ant1	5755	36.204	5736.9381	5773.1419	---	---
11N40MIMO	Ant2	5755	36.124	5736.9381	5773.0619	---	---
11N40MIMO	Ant1	5795	36.284	5776.8581	5813.1419	---	---
11N40MIMO	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC20MIMO	Ant1	5180	17.702	5171.1289	5188.8312	---	---
11AC20MIMO	Ant2	5180	17.702	5171.1289	5188.8312	---	---
11AC20MIMO	Ant1	5200	17.662	5191.1289	5208.7912	---	---
11AC20MIMO	Ant2	5200	17.702	5191.1289	5208.8312	---	---
11AC20MIMO	Ant1	5240	17.702	5231.0889	5248.7912	---	---
11AC20MIMO	Ant2	5240	17.662	5231.1289	5248.7912	---	---
11AC20MIMO	Ant1	5745	17.782	5736.0889	5753.8711	---	---
11AC20MIMO	Ant2	5745	17.702	5736.1289	5753.8312	---	---
11AC20MIMO	Ant1	5785	17.662	5776.1289	5793.7912	---	---

11AC20MIMO	Ant2	5785	17.702	5776.1289	5793.8312	---	---
11AC20MIMO	Ant1	5825	17.782	5816.0889	5833.8711	---	---
11AC20MIMO	Ant2	5825	17.742	5816.0889	5833.8312	---	---
11AC40MIMO	Ant1	5190	36.124	5171.9381	5208.0619	---	---
11AC40MIMO	Ant2	5190	36.124	5171.9381	5208.0619	---	---
11AC40MIMO	Ant1	5230	36.044	5211.9381	5247.9820	---	---
11AC40MIMO	Ant2	5230	36.044	5212.0180	5248.0619	---	---
11AC40MIMO	Ant1	5755	36.124	5736.9381	5773.0619	---	---
11AC40MIMO	Ant2	5755	36.124	5736.9381	5773.0619	---	---
11AC40MIMO	Ant1	5795	36.204	5776.8581	5813.0619	---	---
11AC40MIMO	Ant2	5795	36.044	5776.9381	5812.9820	---	---
11AC80MIMO	Ant1	5210	77.682	5170.9990	5248.6813	---	---
11AC80MIMO	Ant2	5210	77.522	5170.6793	5248.2018	---	---
11AC80MIMO	Ant1	5775	77.682	5735.9990	5813.6813	---	---
11AC80MIMO	Ant2	5775	77.682	5735.6793	5813.3616	---	---
11AX20MIMO	Ant1	5180	19.021	5170.4496	5189.4705	---	---
11AX20MIMO	Ant2	5180	18.981	5170.4496	5189.4306	---	---
11AX20MIMO	Ant1	5200	18.981	5190.4496	5209.4306	---	---
11AX20MIMO	Ant2	5200	18.901	5190.4895	5209.3906	---	---
11AX20MIMO	Ant1	5240	18.981	5230.4496	5249.4306	---	---
11AX20MIMO	Ant2	5240	18.941	5230.4895	5249.4306	---	---
11AX20MIMO	Ant1	5745	18.941	5735.4895	5754.4306	---	---
11AX20MIMO	Ant2	5745	18.981	5735.4496	5754.4306	---	---
11AX20MIMO	Ant1	5785	18.981	5775.4496	5794.4306	---	---
11AX20MIMO	Ant2	5785	18.981	5775.4496	5794.4306	---	---
11AX20MIMO	Ant1	5825	18.981	5815.4496	5834.4306	---	---
11AX20MIMO	Ant2	5825	18.941	5815.4496	5834.3906	---	---
11AX40MIMO	Ant1	5190	37.802	5171.1389	5208.9411	---	---
11AX40MIMO	Ant2	5190	37.802	5171.1389	5208.9411	---	---
11AX40MIMO	Ant1	5230	37.802	5211.1389	5248.9411	---	---
11AX40MIMO	Ant2	5230	37.802	5211.1389	5248.9411	---	---
11AX40MIMO	Ant1	5755	37.722	5736.1389	5773.8611	---	---
11AX40MIMO	Ant2	5755	37.802	5736.1389	5773.9411	---	---
11AX40MIMO	Ant1	5795	37.882	5776.0589	5813.9411	---	---
11AX40MIMO	Ant2	5795	37.722	5776.1389	5813.8611	---	---
11AX80MIMO	Ant1	5210	78.002	5170.9990	5249.0010	---	---
11AX80MIMO	Ant2	5210	77.682	5171.1588	5248.8412	---	---
11AX80MIMO	Ant1	5775	77.682	5736.1588	5813.8412	---	---
11AX80MIMO	Ant2	5775	77.842	5735.9990	5813.8412	---	---

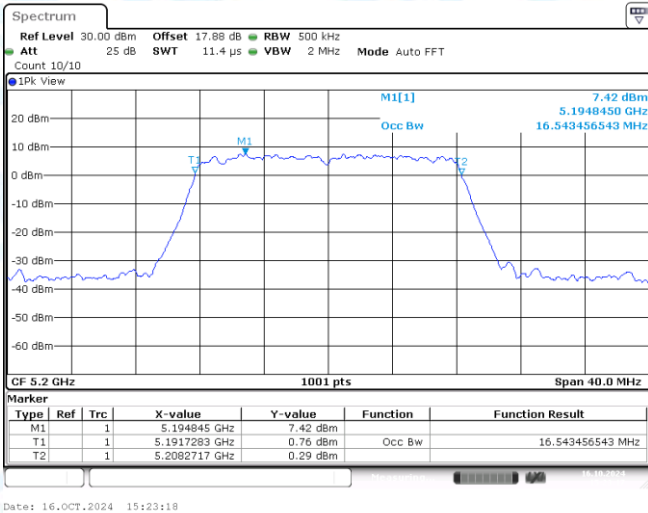
2.2 Test Graphs



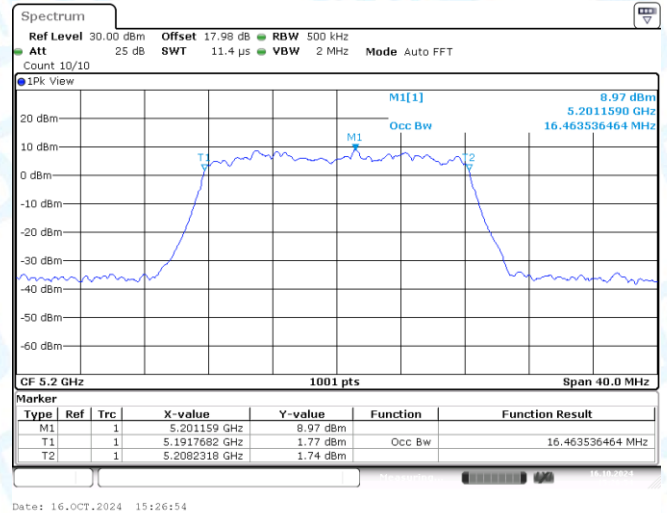
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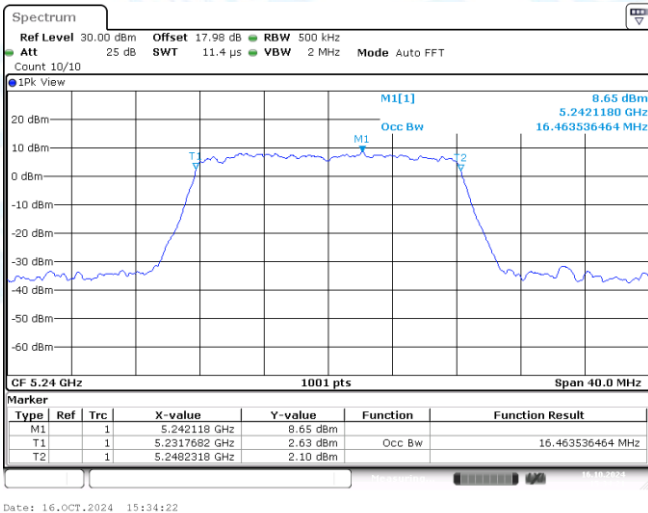
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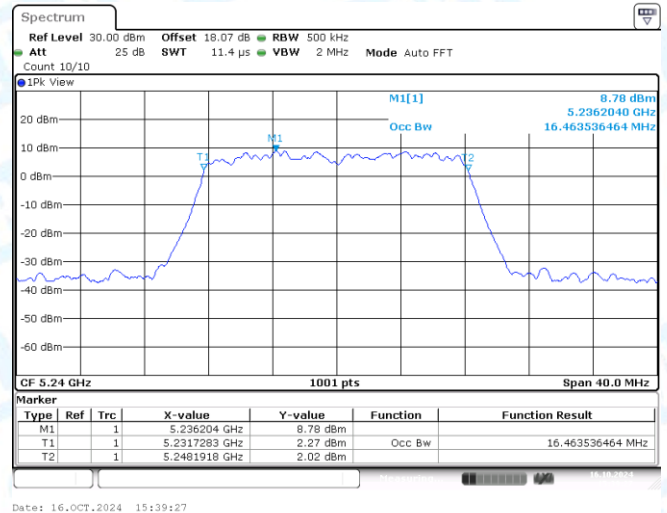
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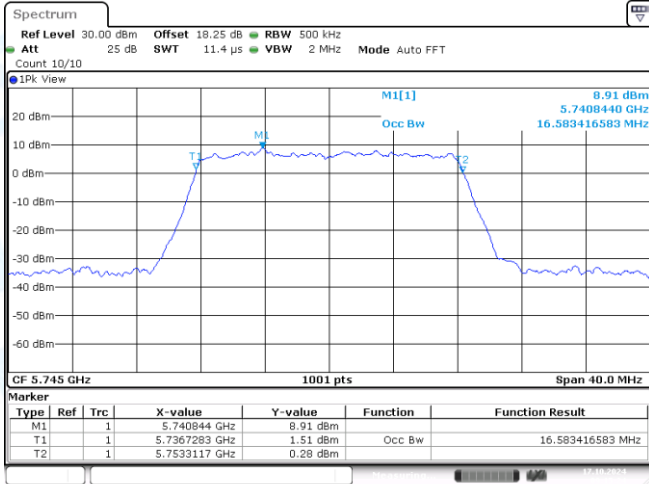
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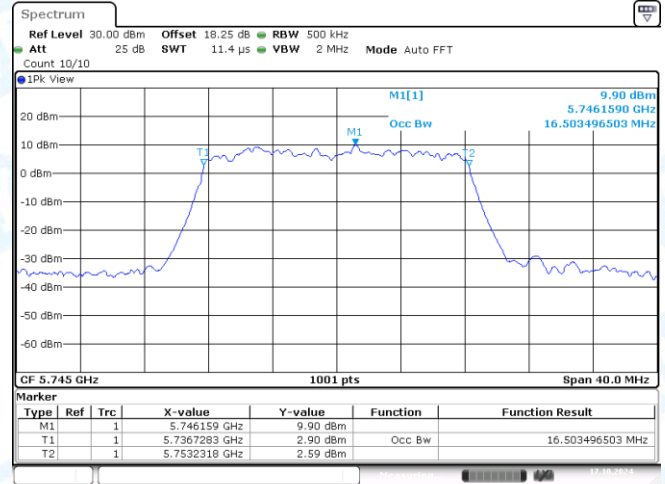
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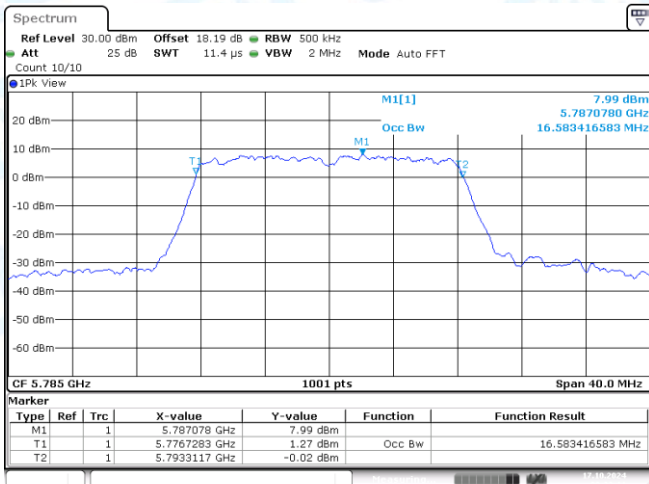
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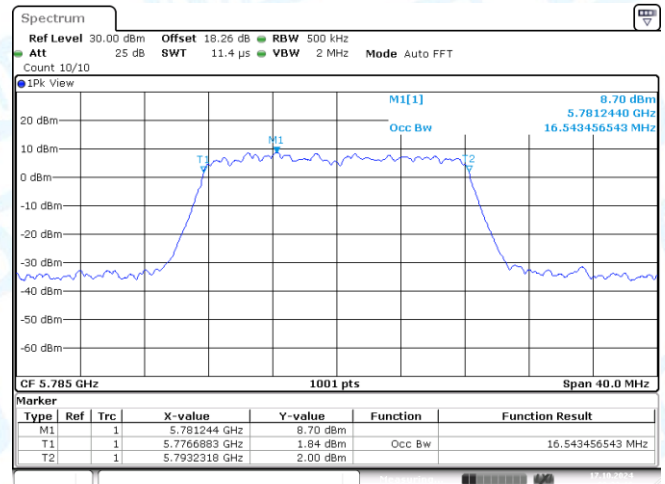
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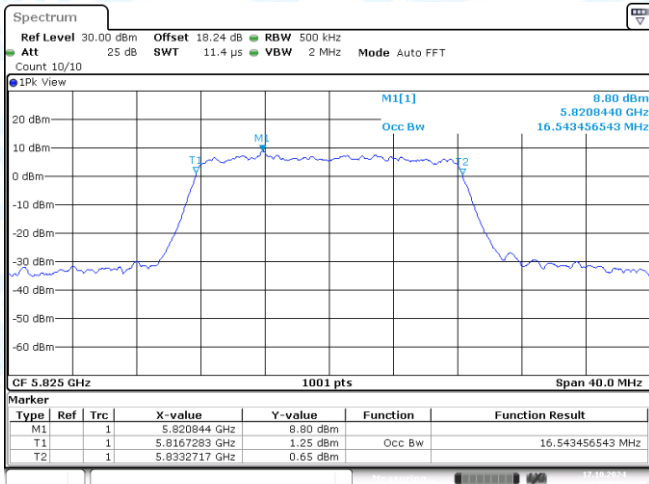
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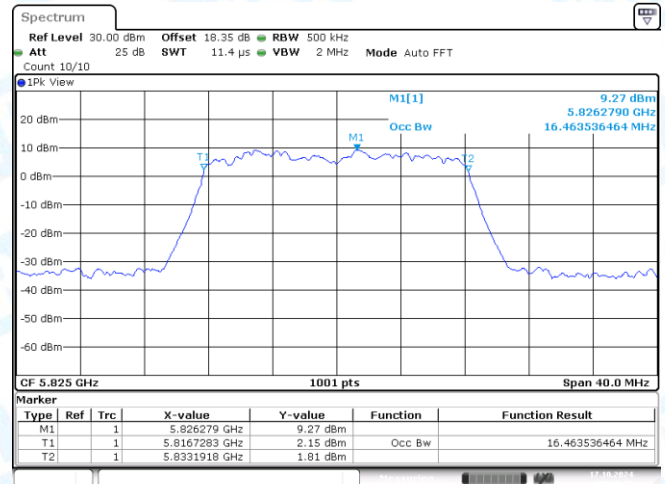
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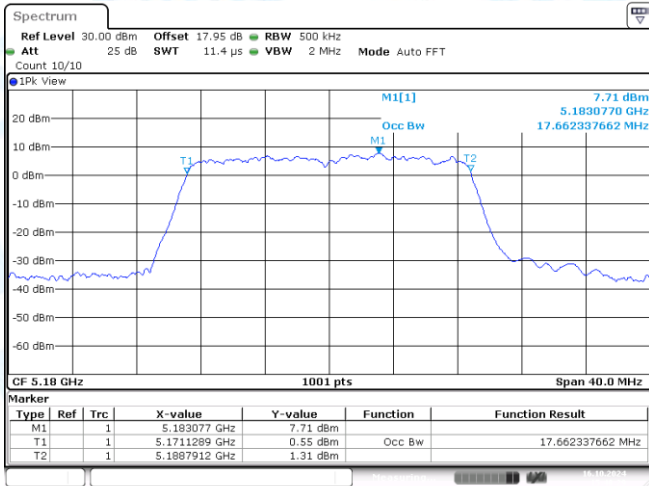
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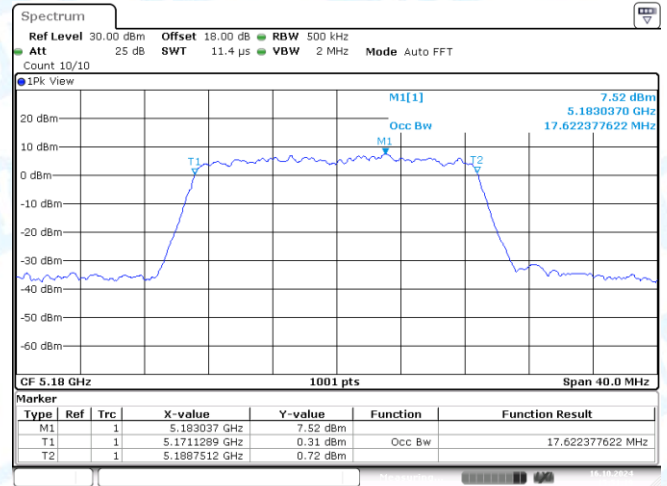
11A-CDD-Ant1-5825



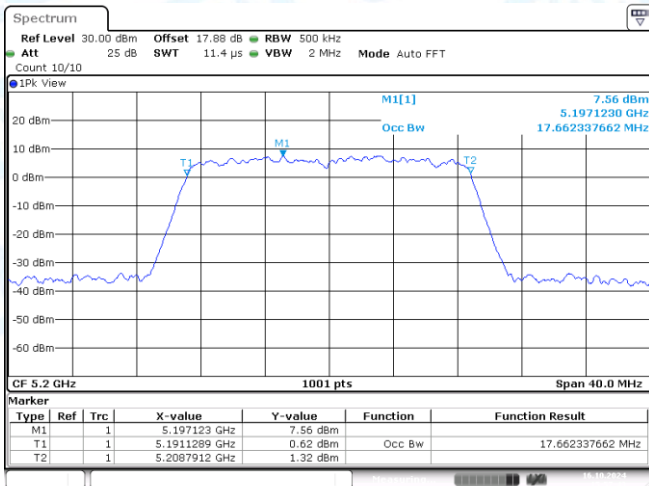
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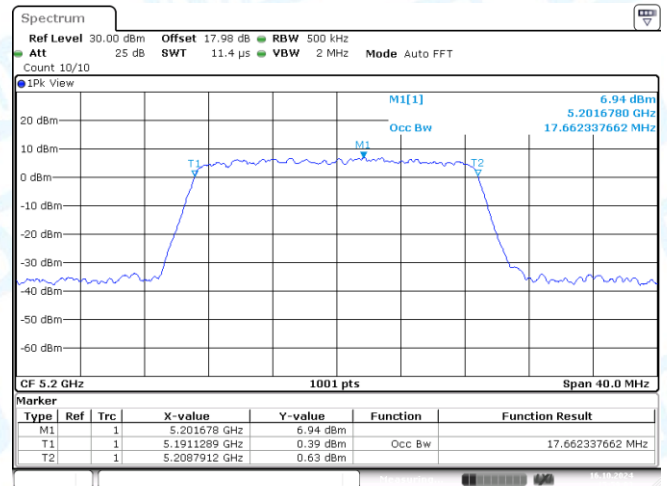
11N20MIMO-Ant1-5180



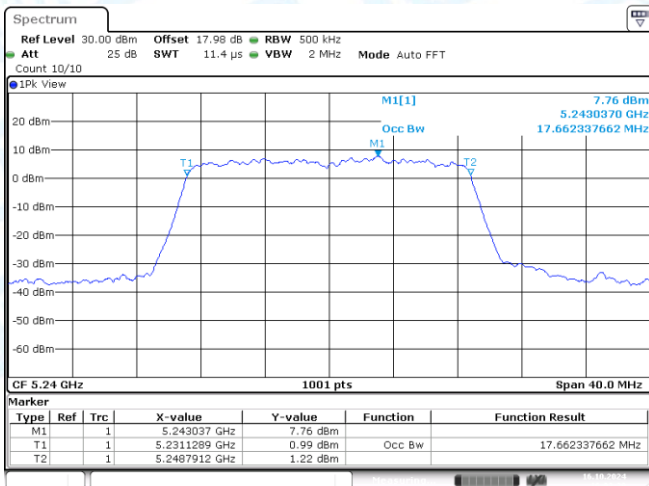
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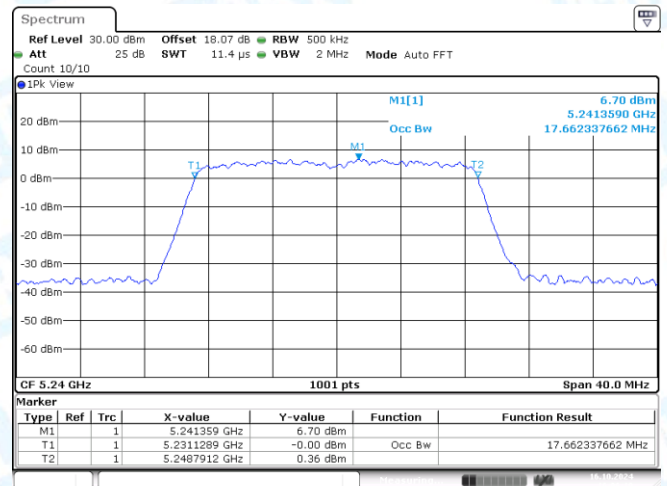
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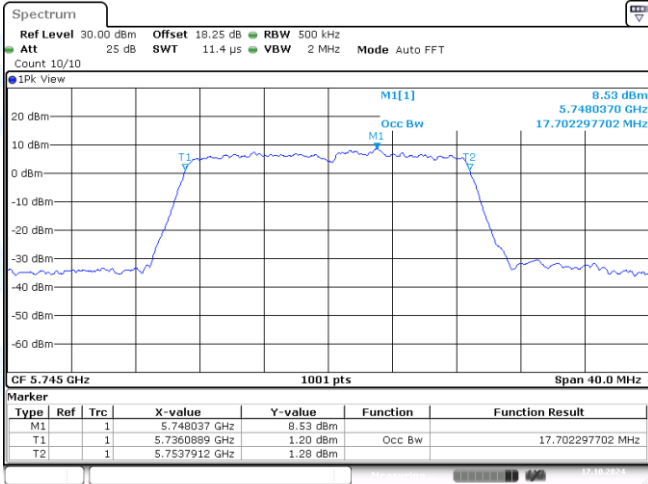
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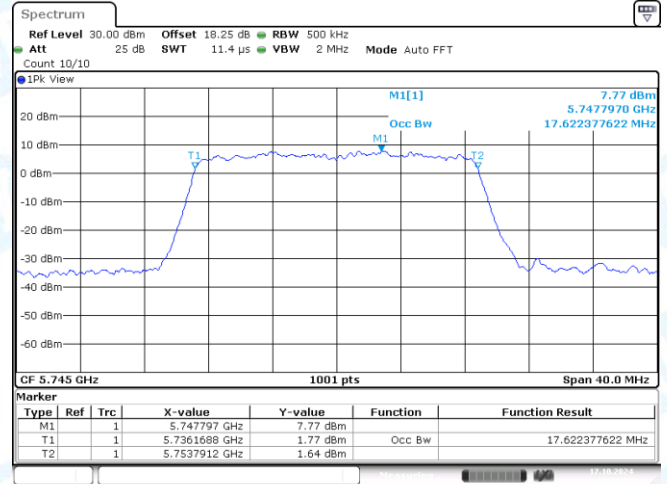
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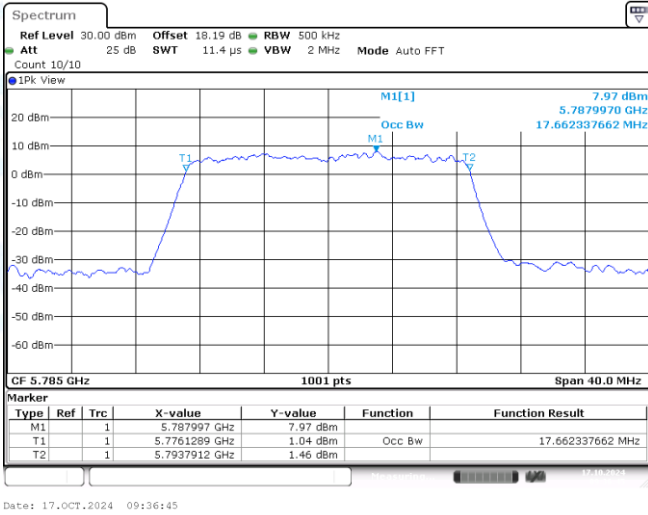
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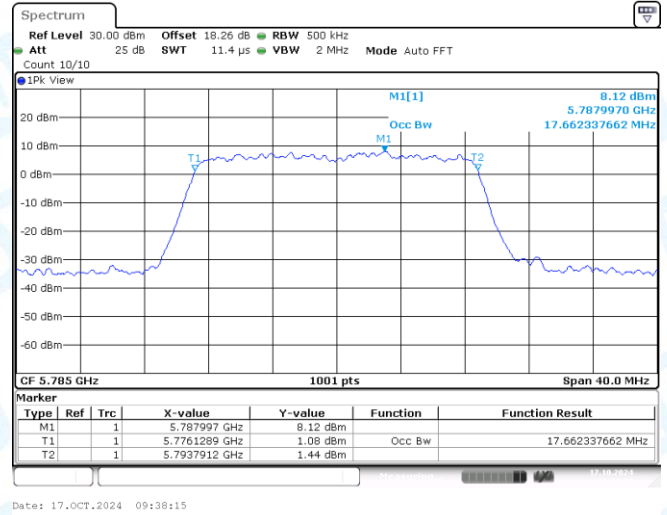
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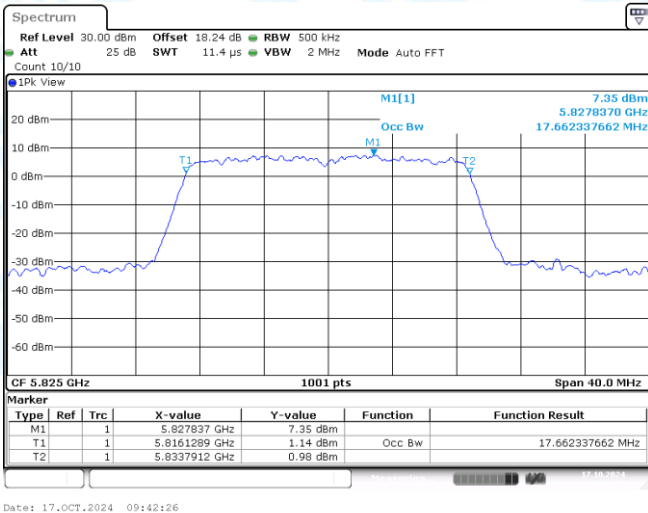
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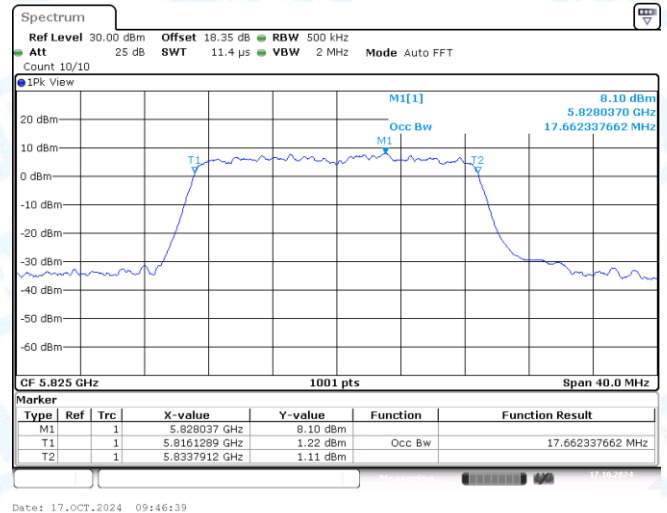
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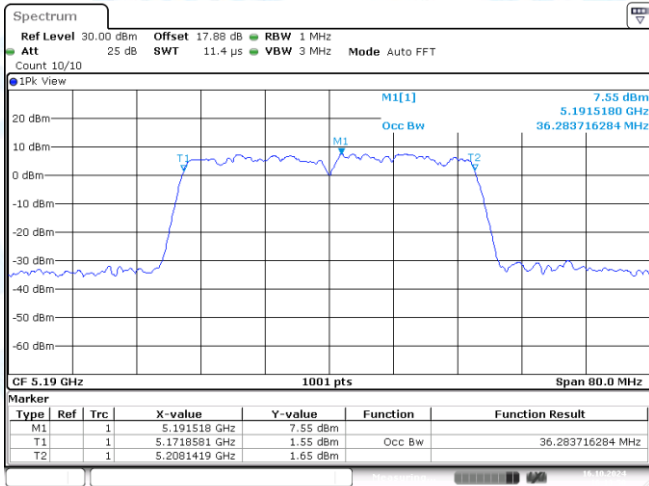
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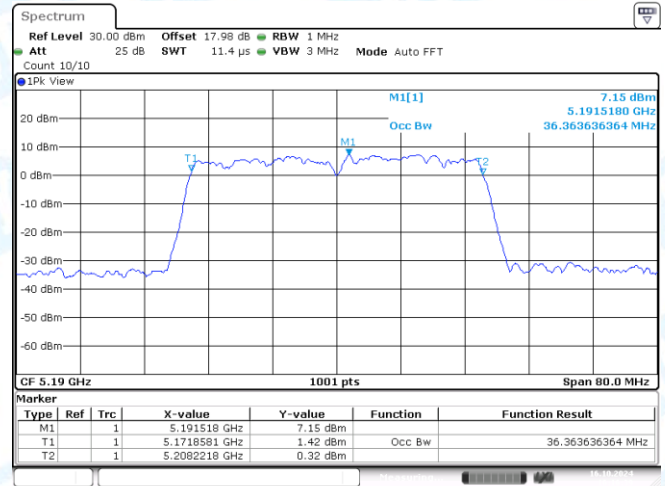
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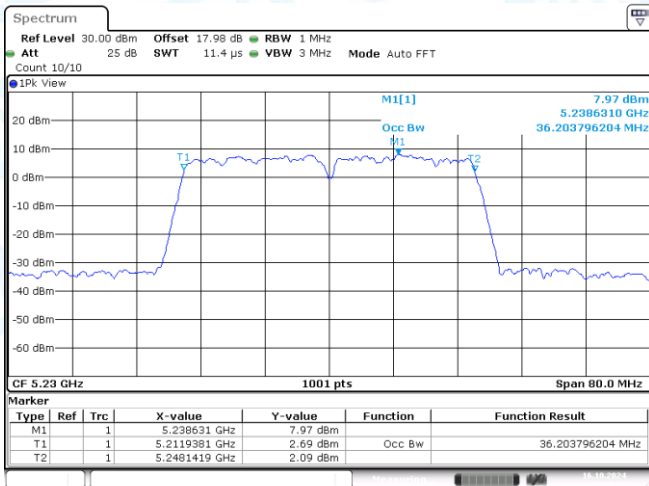
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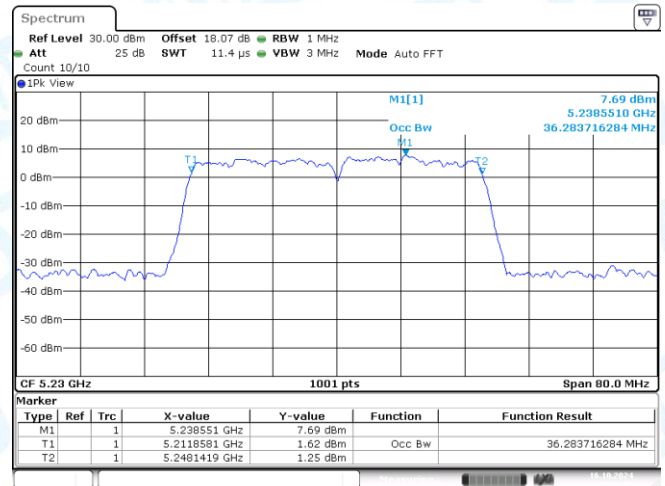
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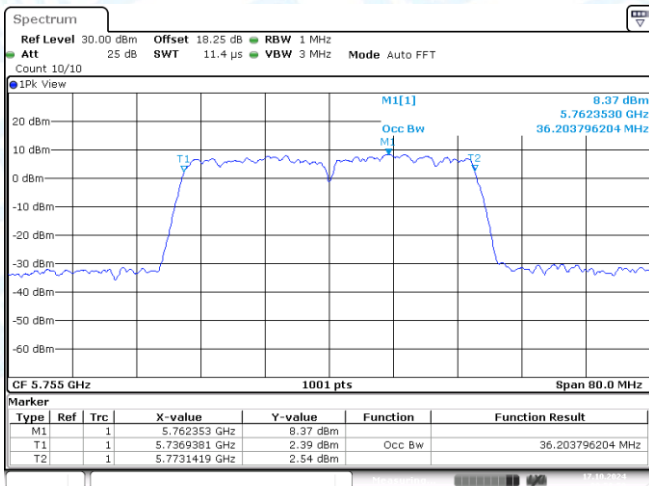
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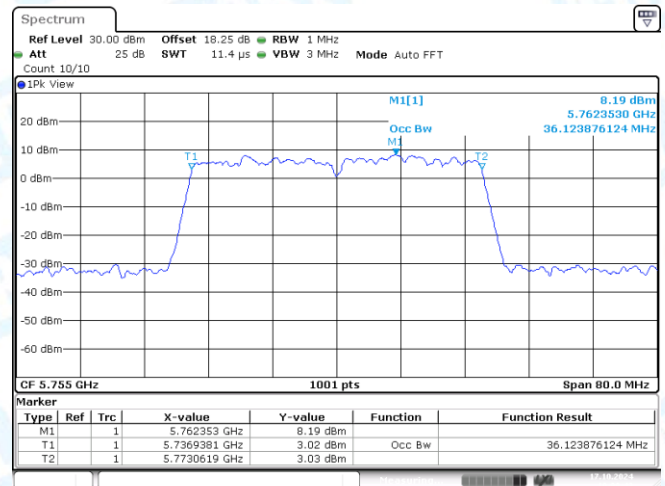
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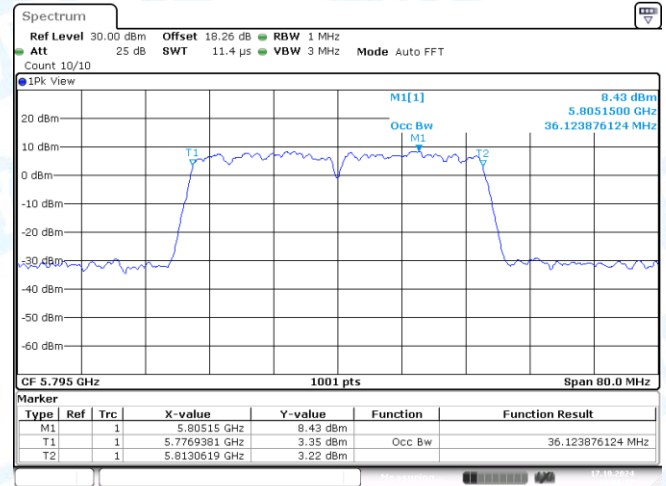
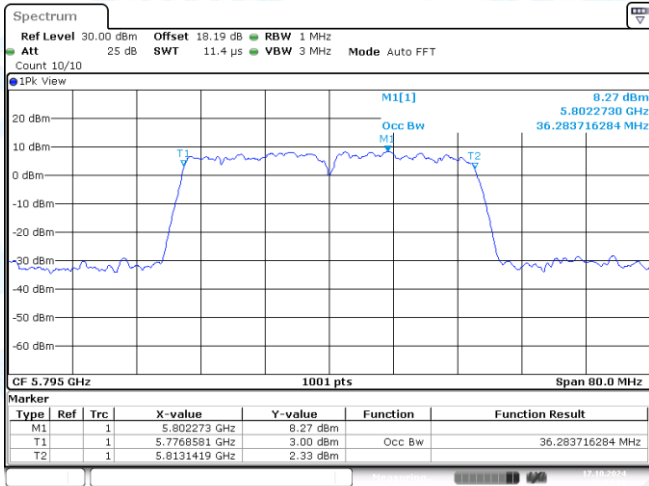
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11N40MIMO-Ant1-5755

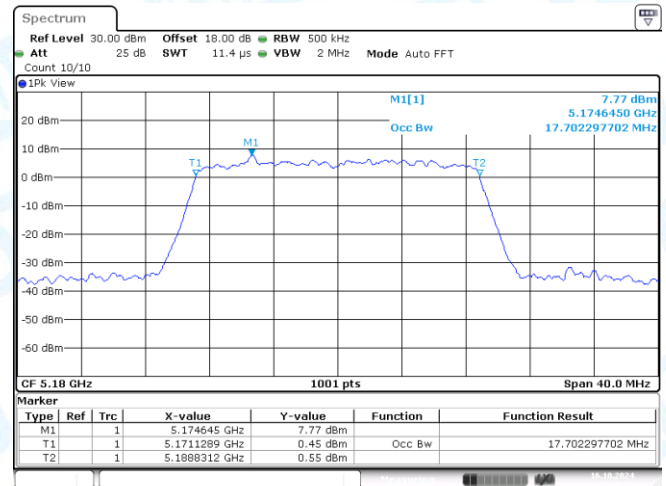
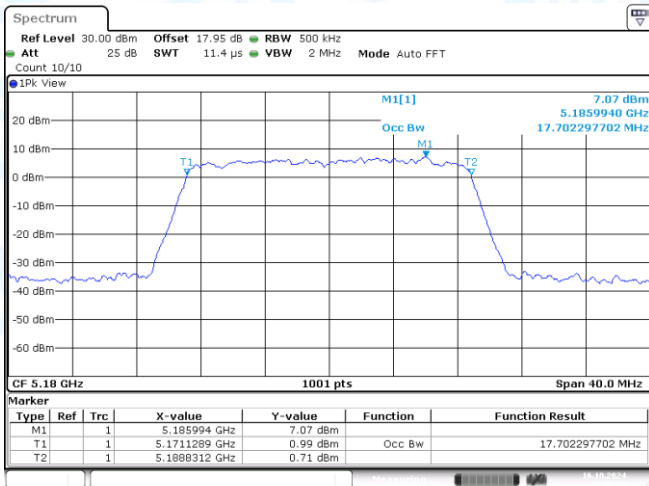


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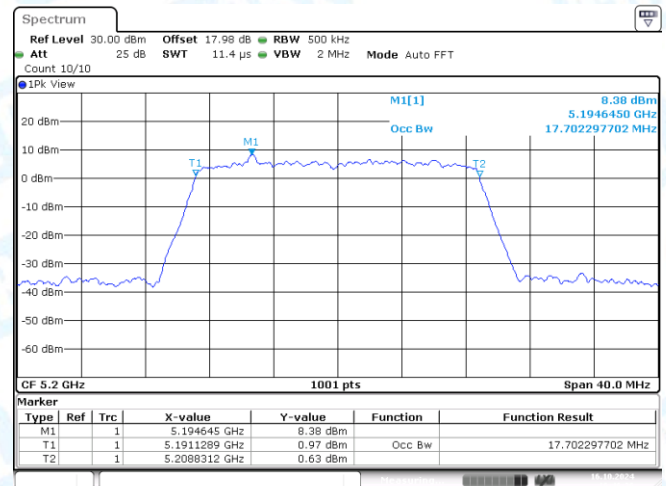
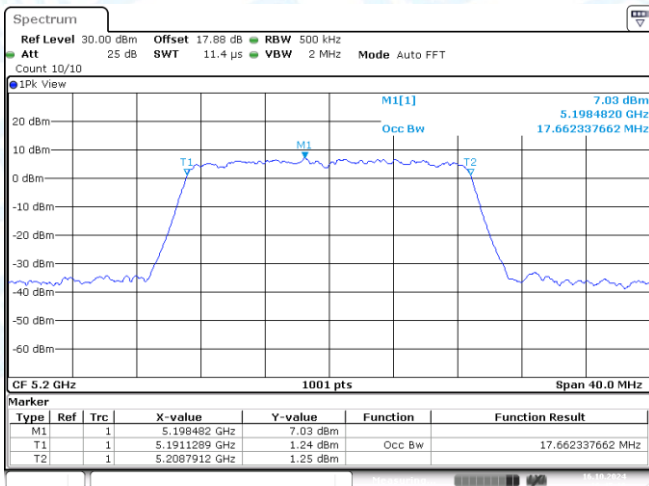
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11N40MIMO-Ant2-5795



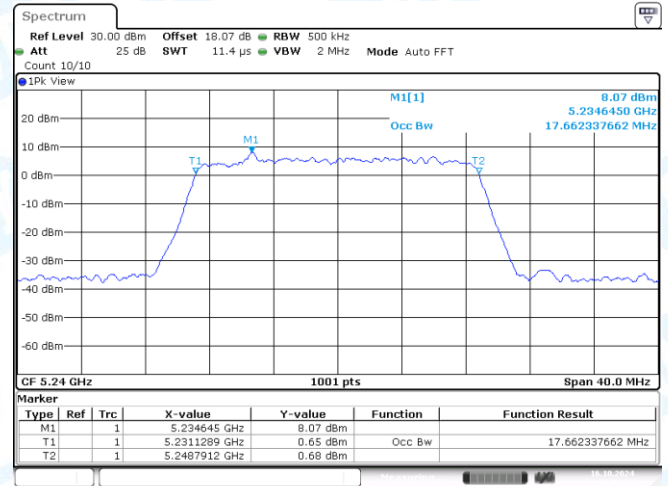
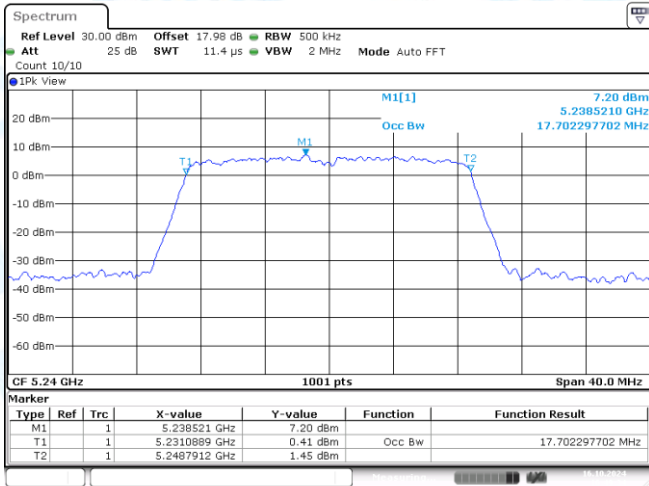
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11AC20MIMO-Ant2-5180



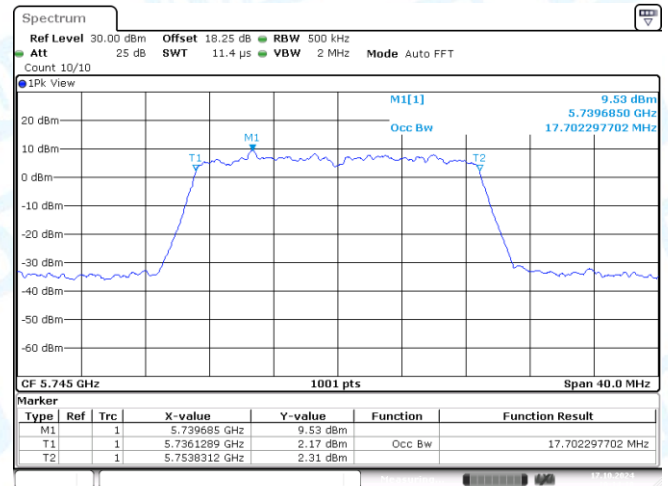
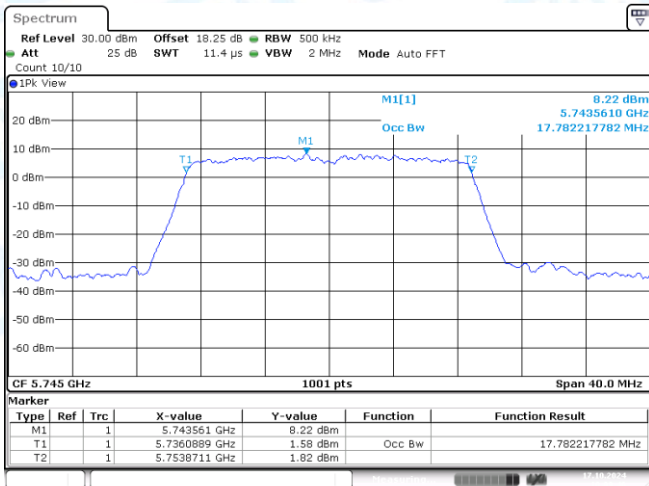
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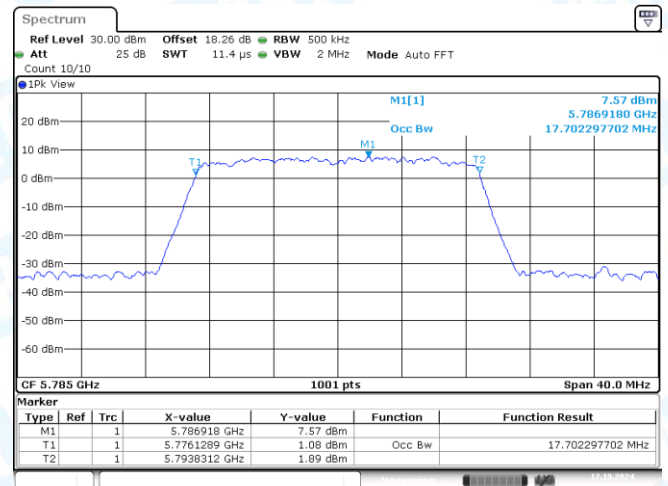
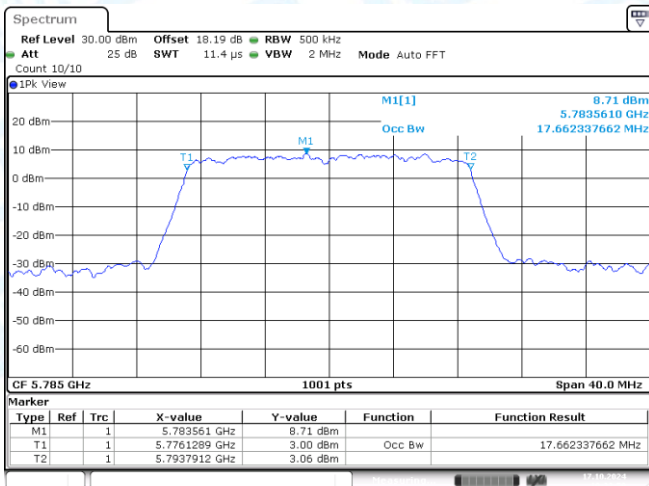
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11AC20MIMO-Ant2-5240



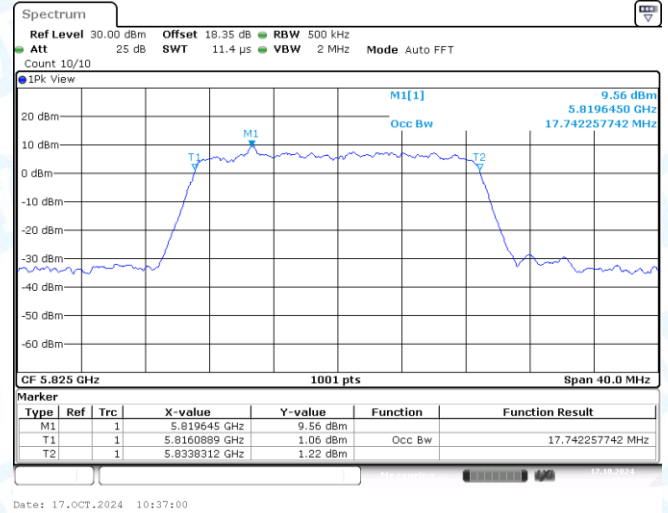
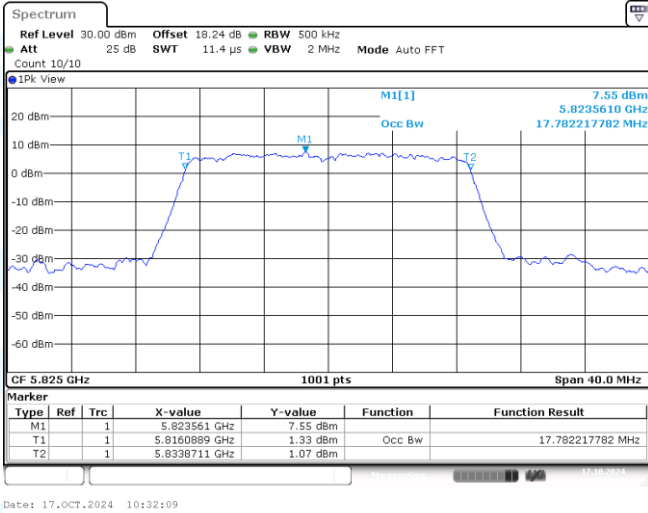
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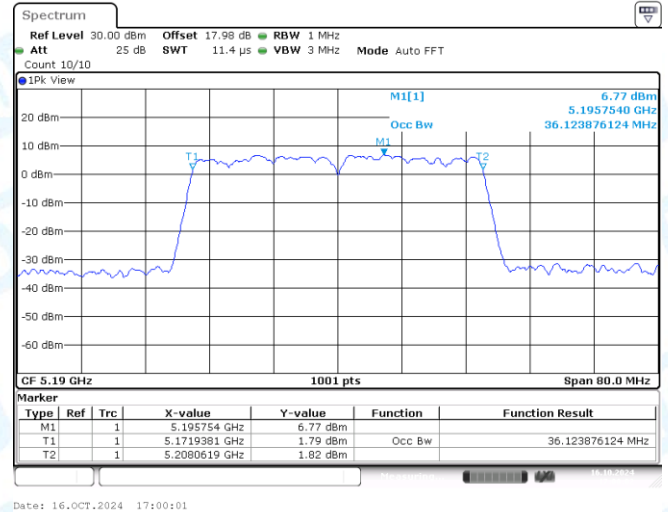
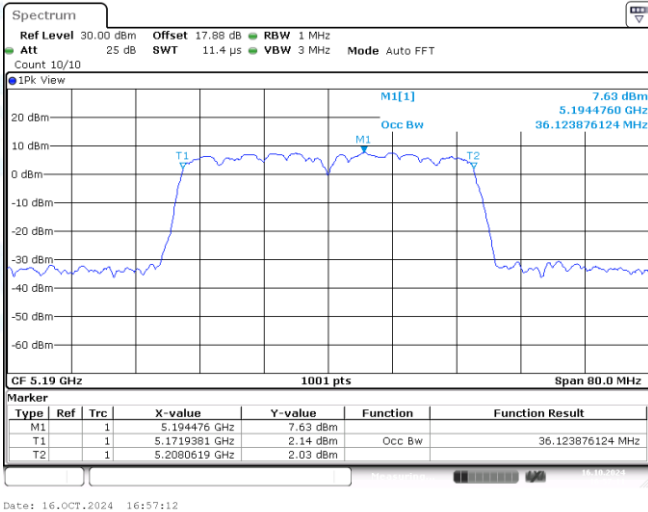
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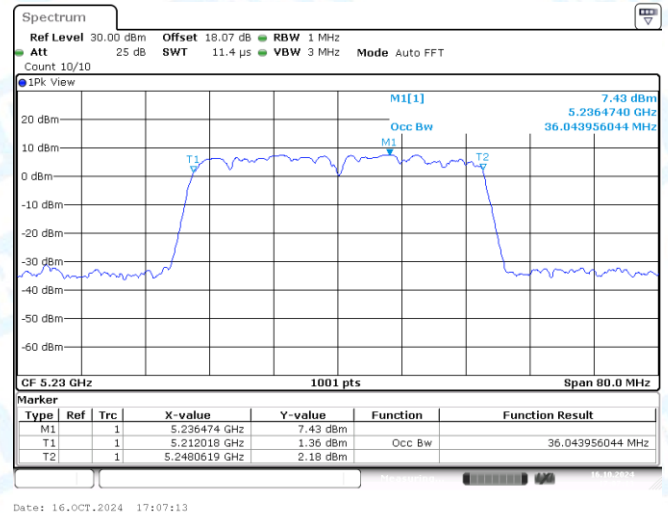
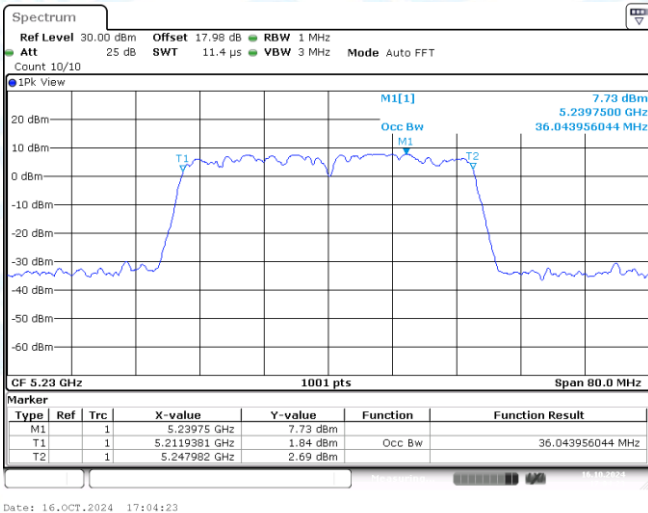
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11AC20MIMO-Ant2-5825



11AC40MIMO-Ant1-5190

11AC40MIMO-Ant2-5190



11AC40MIMO-Ant1-5230

11AC40MIMO-Ant2-5230