

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

General Description of EUT	
EUT Name:	GenBook RK3588
Model:	GENBOOK-RK3588-X1
Sample ID:	HC-C-202406-0184-6-02
Environmental Conditions	
Ambient Temperature:	22.0℃-25℃
Ambient Humidity:	43%-55%
Test Power Supply:	DC 7.6V
Test Engineer:	Jolin Lee
Note: For a more detailed features description, please refer to the report TBR-C-202406-0184-133 The report only show the worst case data.	

Contents

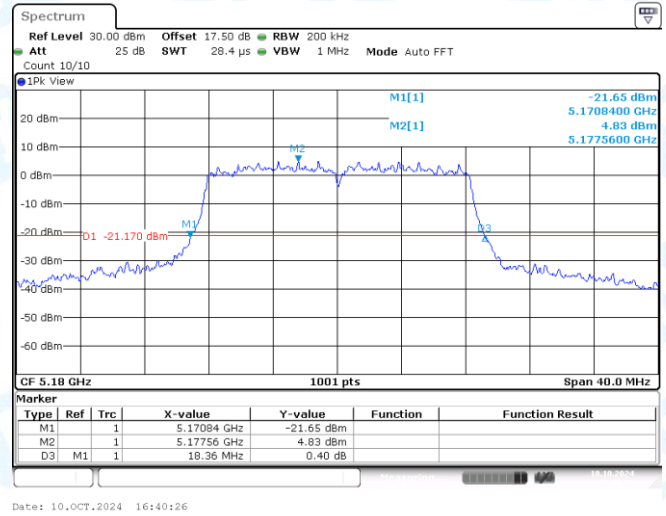
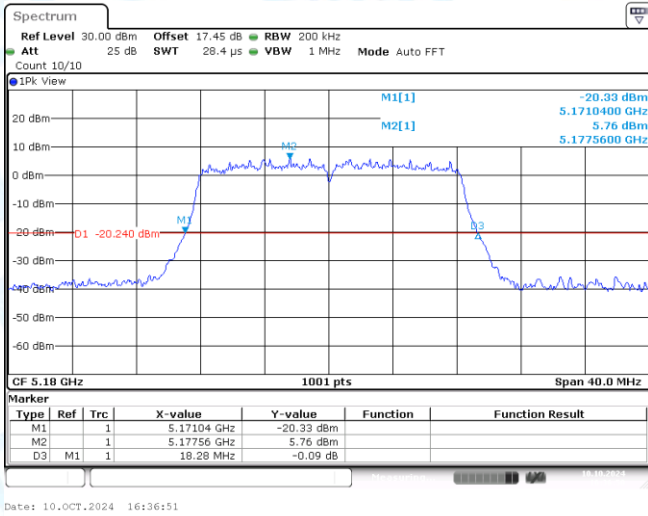
1. Emission Bandwidth.....	3
1.1 Test Result.....	3
1.2 Test Graphs	4
2. Occupied channel bandwidth	11
2.1 Test Result.....	11
2.2 Test Graphs	13
3. Min emission bandwidth	27
3.1 Test Result-B4.....	27
3.2 Test Graphs-B4	28
4. Duty Cycle	35
4.1 Test Result.....	35
4.2 Test Graphs	37
5. Maximum conducted output power.....	51
5.1 Test Result.....	51
6. Maximum power spectral density	54
6.1 Test Result.....	54
6.2 Test Graphs	57
7. Band edge measurements	71
7.1 Test Result B1/2/3	71
7.2 Test Graphs B1/2/3.....	72
8. Conducted Spurious Emission.....	78
8.1 Test Result.....	78
8.2 Test Graphs	82
9. Frequency Stability	109
9.1 Test Result.....	109
10. Emissions in Restricted Bands.....	114
10.1 Test Result.....	114
10.2 Test Graphs.....	127

1. Emission Bandwidth

1.1 Test Result

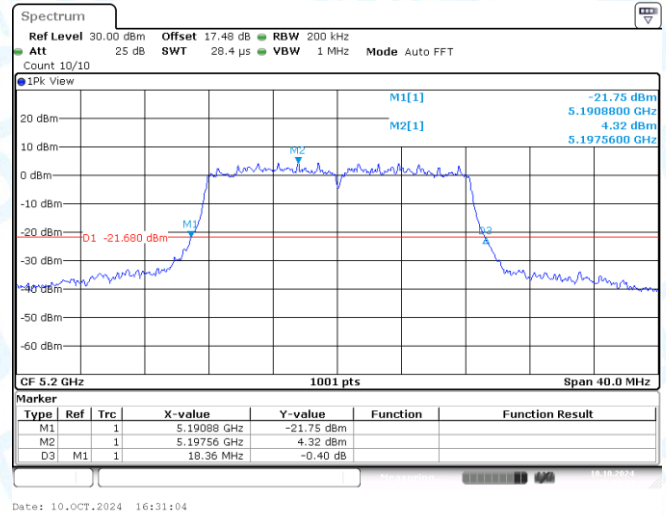
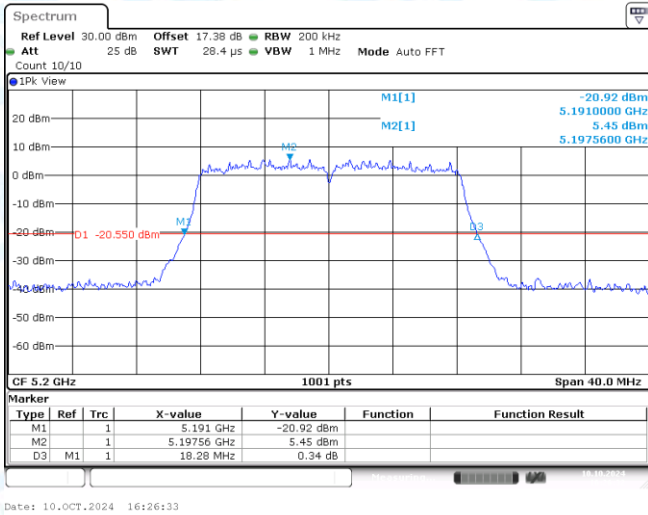
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	18.28	5171.04	5189.32	---	---
11A-CDD	Ant2	5180	18.36	5170.84	5189.20	---	---
11A-CDD	Ant1	5200	18.28	5191.00	5209.28	---	---
11A-CDD	Ant2	5200	18.36	5190.88	5209.24	---	---
11A-CDD	Ant1	5240	18.28	5231.04	5249.32	---	---
11A-CDD	Ant2	5240	18.40	5230.84	5249.24	---	---
11N20MIMO	Ant1	5180	19.32	5170.36	5189.68	---	---
11N20MIMO	Ant2	5180	19.32	5170.36	5189.68	---	---
11N20MIMO	Ant1	5200	19.32	5190.36	5209.68	---	---
11N20MIMO	Ant2	5200	19.36	5190.36	5209.72	---	---
11N20MIMO	Ant1	5240	19.32	5230.36	5249.68	---	---
11N20MIMO	Ant2	5240	19.36	5230.40	5249.76	---	---
11N40MIMO	Ant1	5190	39.28	5170.56	5209.84	---	---
11N40MIMO	Ant2	5190	39.28	5170.48	5209.76	---	---
11N40MIMO	Ant1	5230	39.36	5210.56	5249.92	---	---
11N40MIMO	Ant2	5230	39.28	5210.56	5249.84	---	---
11AC20MIMO	Ant1	5180	19.40	5170.40	5189.80	---	---
11AC20MIMO	Ant2	5180	19.40	5170.36	5189.76	---	---
11AC20MIMO	Ant1	5200	19.40	5190.36	5209.76	---	---
11AC20MIMO	Ant2	5200	19.36	5190.44	5209.80	---	---
11AC20MIMO	Ant1	5240	19.36	5230.40	5249.76	---	---
11AC20MIMO	Ant2	5240	19.40	5230.40	5249.80	---	---
11AC40MIMO	Ant1	5190	39.36	5170.56	5209.92	---	---
11AC40MIMO	Ant2	5190	39.12	5170.56	5209.68	---	---
11AC40MIMO	Ant1	5230	39.36	5210.48	5249.84	---	---
11AC40MIMO	Ant2	5230	39.20	5210.56	5249.76	---	---
11AC80MIMO	Ant1	5210	87.52	5166.32	5253.84	---	---
11AC80MIMO	Ant2	5210	85.28	5167.76	5253.04	---	---
11AX20MIMO	Ant1	5180	20.40	5169.88	5190.28	---	---
11AX20MIMO	Ant2	5180	20.44	5169.92	5190.36	---	---
11AX20MIMO	Ant1	5200	20.36	5189.96	5210.32	---	---
11AX20MIMO	Ant2	5200	20.44	5189.88	5210.32	---	---
11AX20MIMO	Ant1	5240	20.36	5229.96	5250.32	---	---
11AX20MIMO	Ant2	5240	20.36	5229.96	5250.32	---	---
11AX40MIMO	Ant1	5190	39.84	5169.92	5209.76	---	---
11AX40MIMO	Ant2	5190	40.00	5169.92	5209.92	---	---
11AX40MIMO	Ant1	5230	39.84	5210.00	5249.84	---	---
11AX40MIMO	Ant2	5230	39.92	5210.00	5249.92	---	---
11AX80MIMO	Ant1	5210	80.80	5169.84	5250.64	---	---
11AX80MIMO	Ant2	5210	81.12	5169.68	5250.80	---	---

1.2 Test Graphs



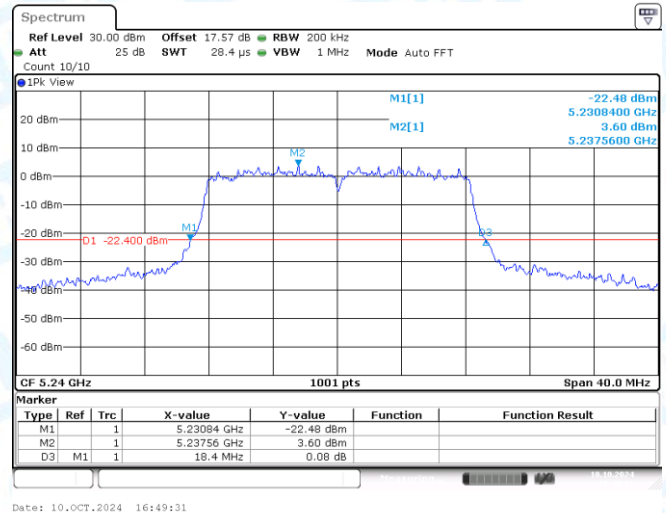
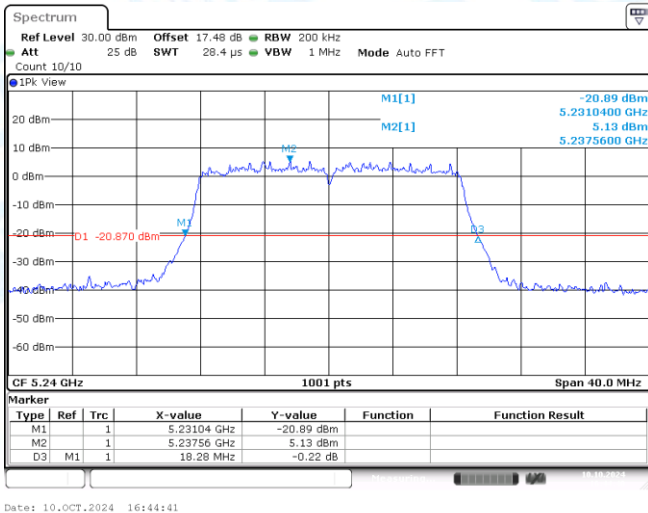
11A-CDD-Ant1-5180

11A-CDD-Ant2-5180



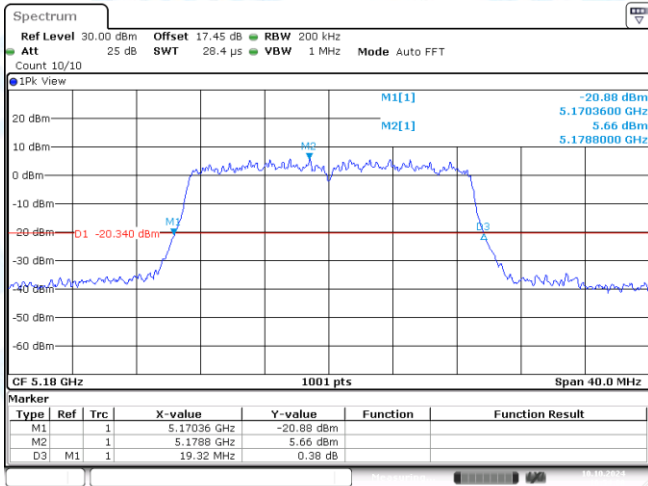
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11A-CDD-Ant2-5200

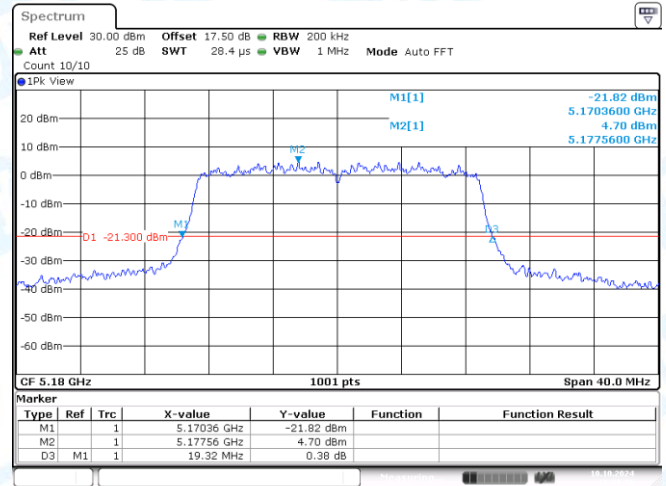


11A-CDD-Ant1-5240

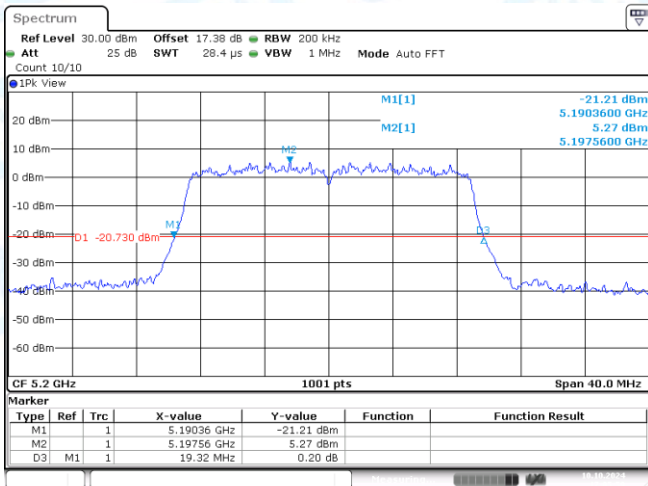
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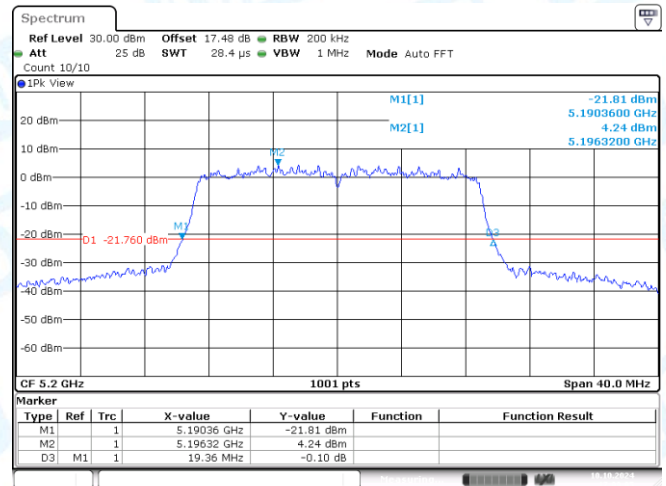
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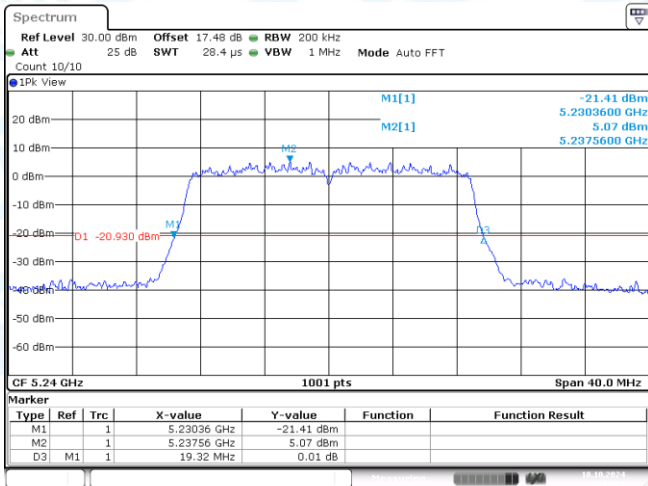
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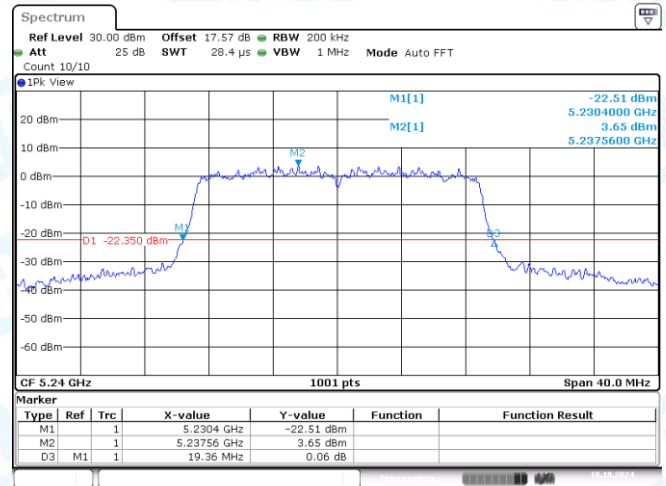
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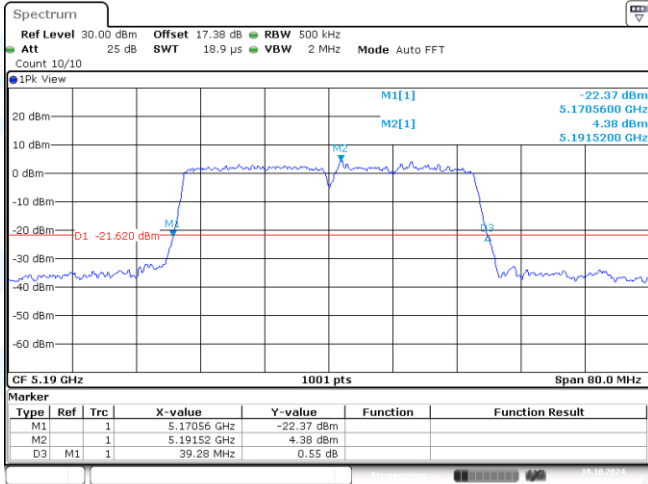
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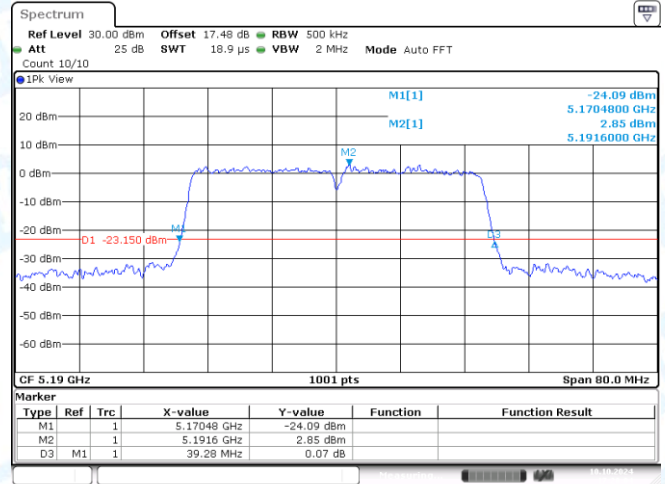
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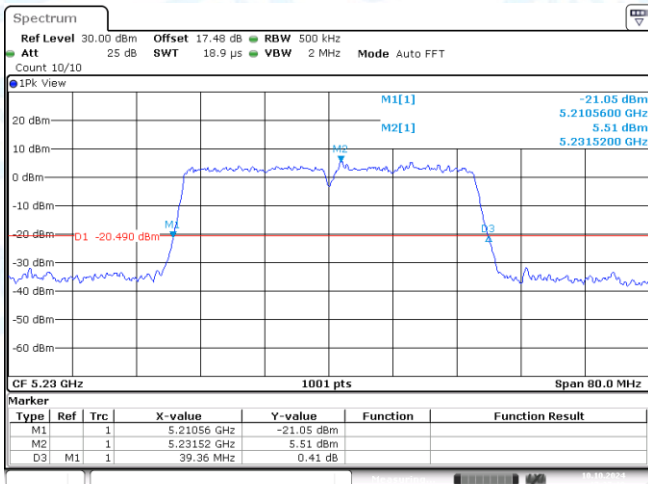
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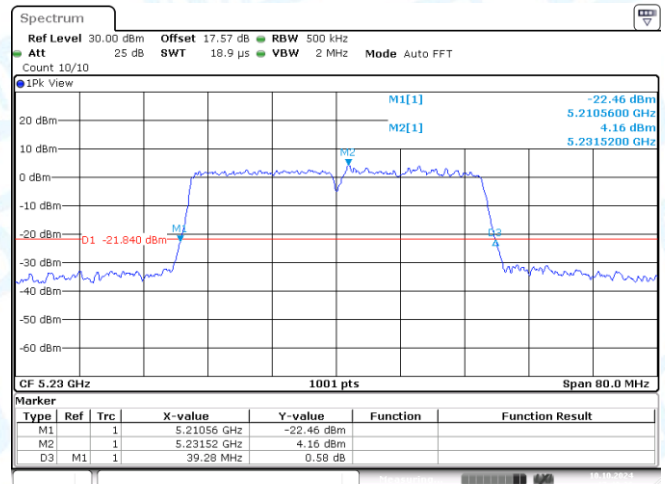
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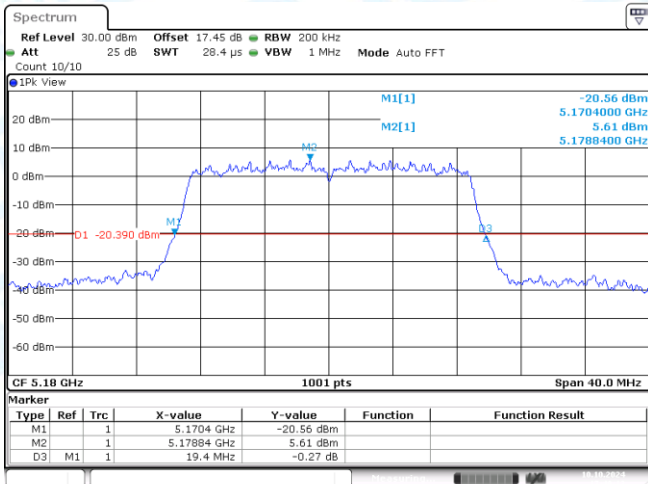
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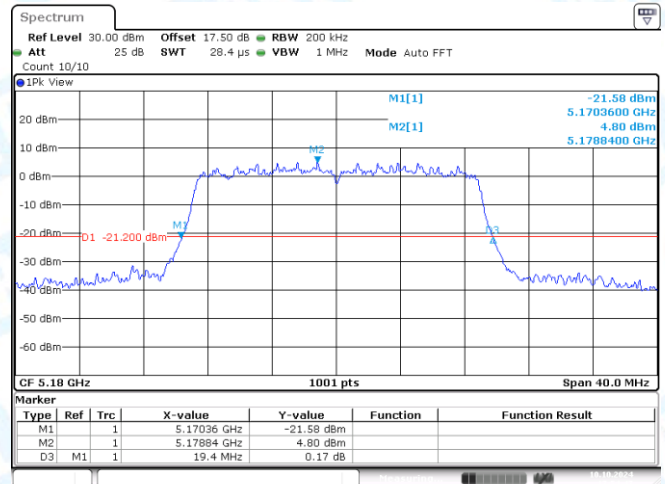
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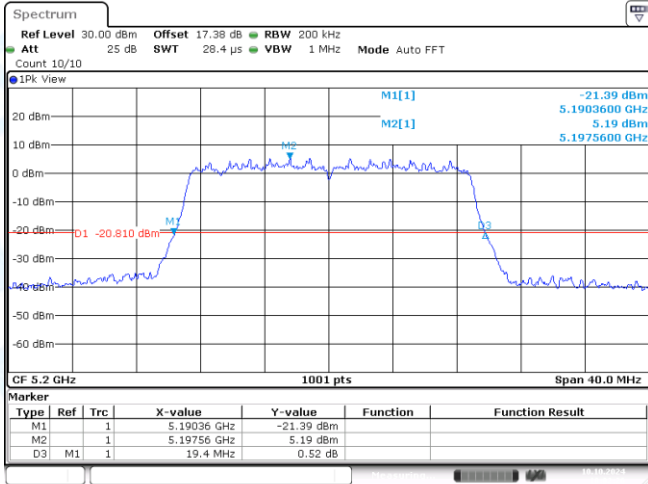
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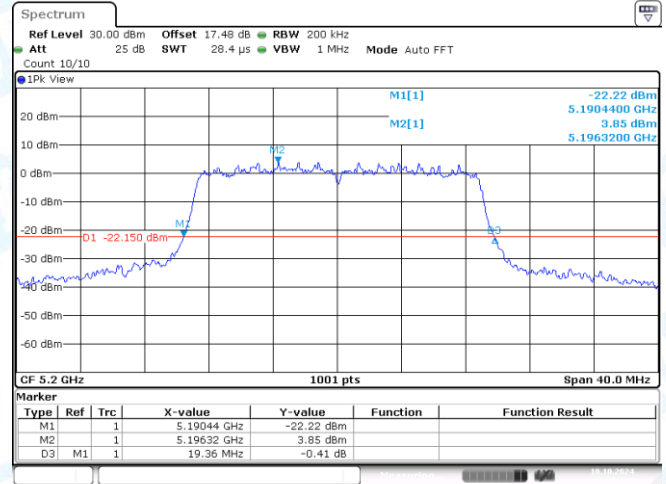
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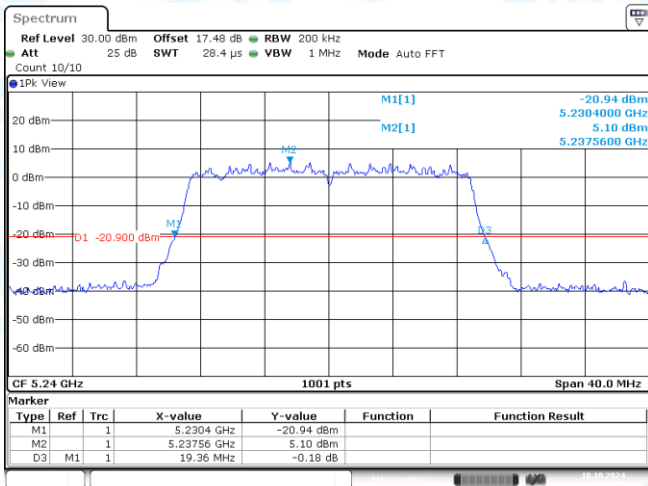
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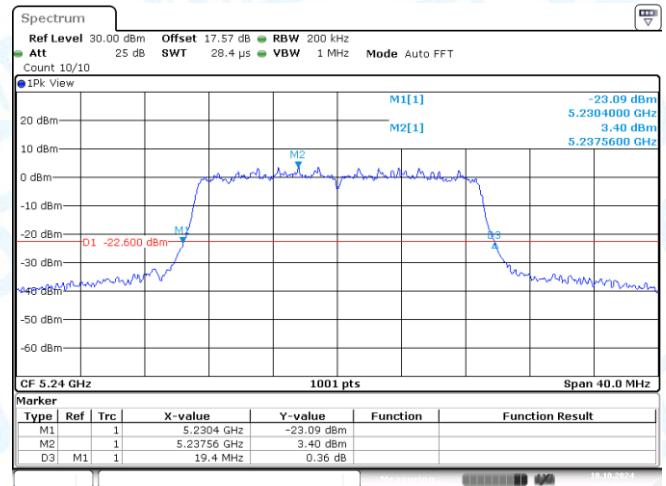
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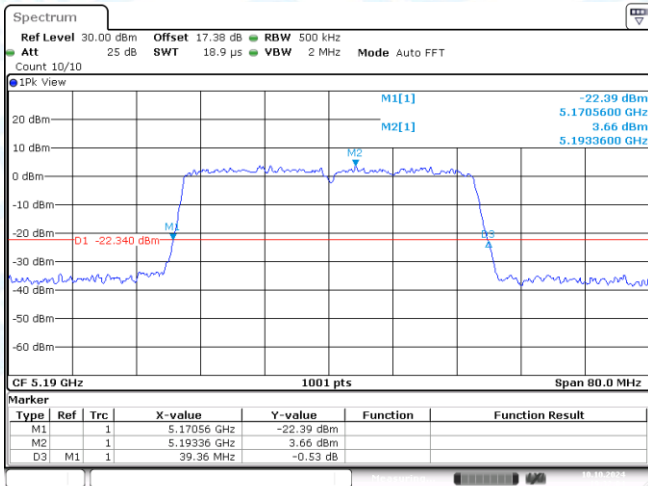
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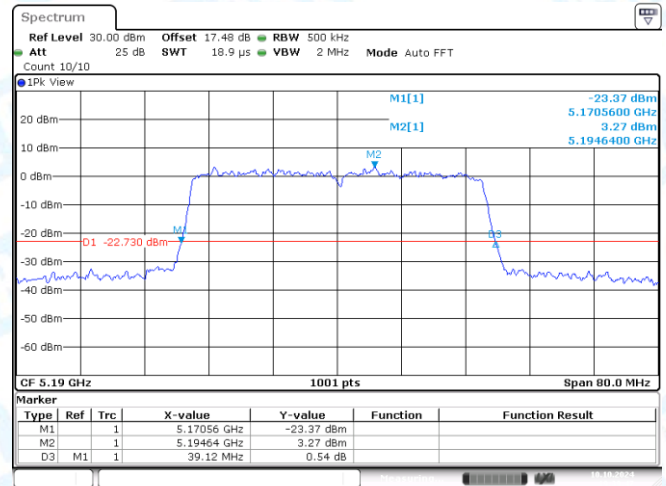
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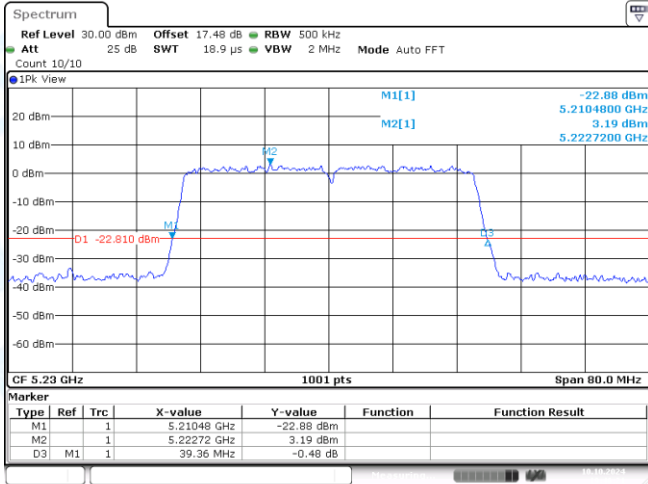
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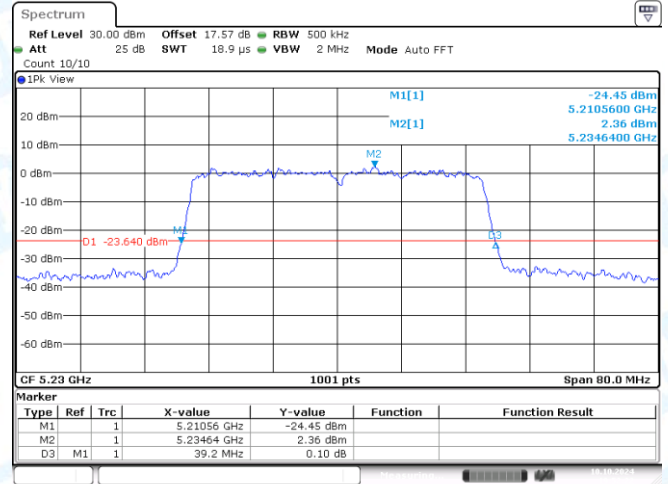
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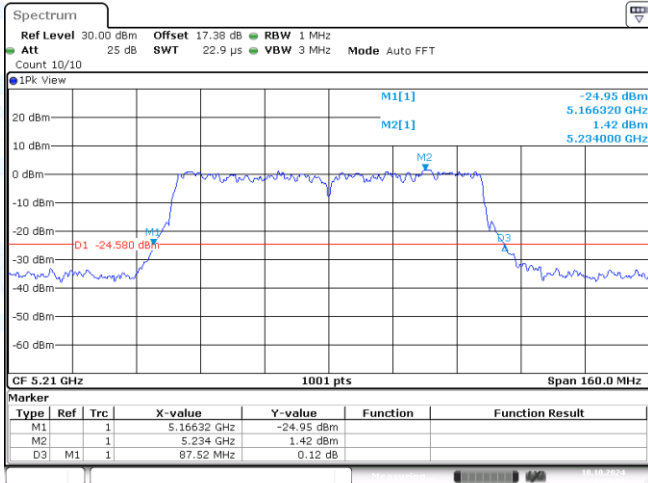
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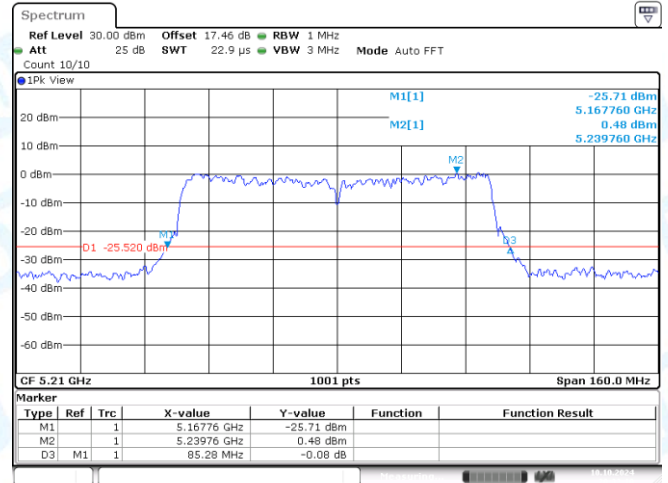
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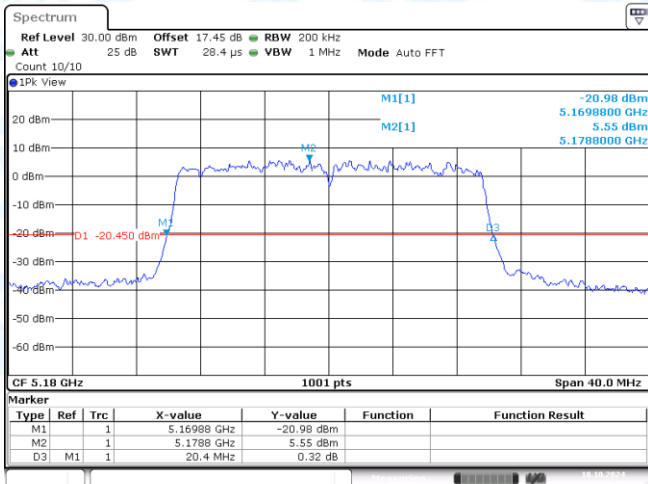
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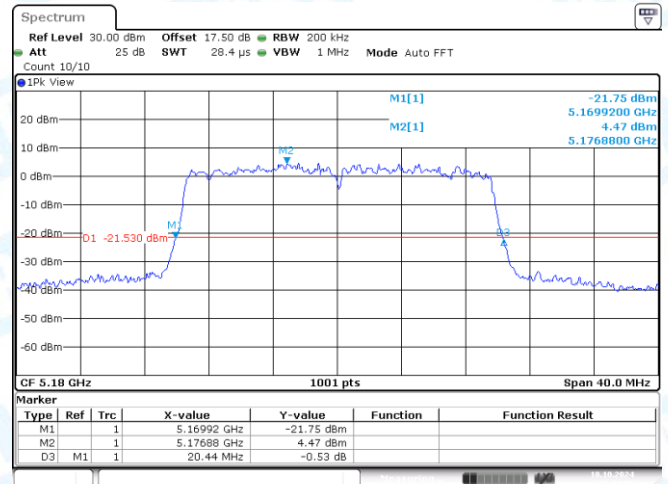
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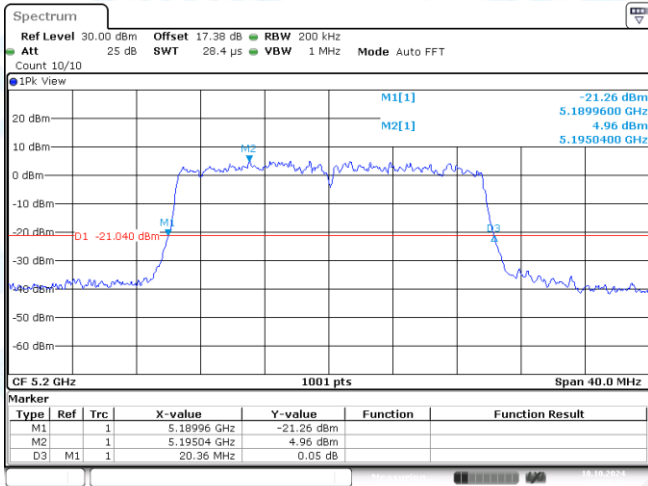
11AC80MIMO-Ant2-5210



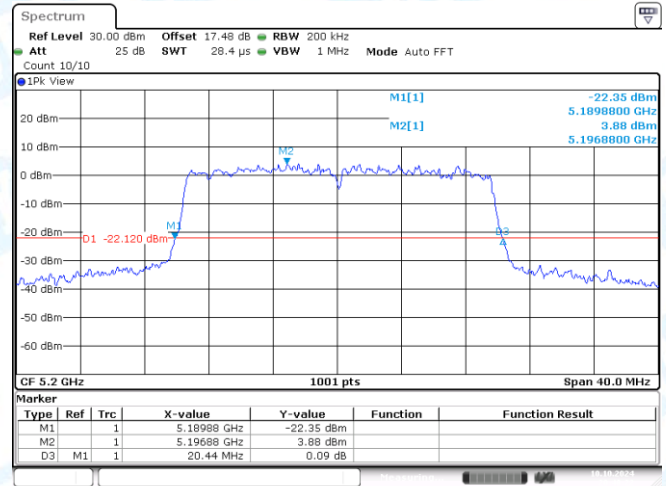
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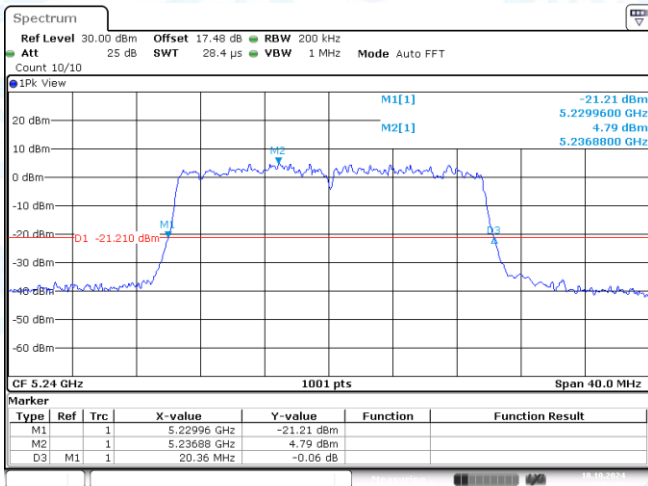
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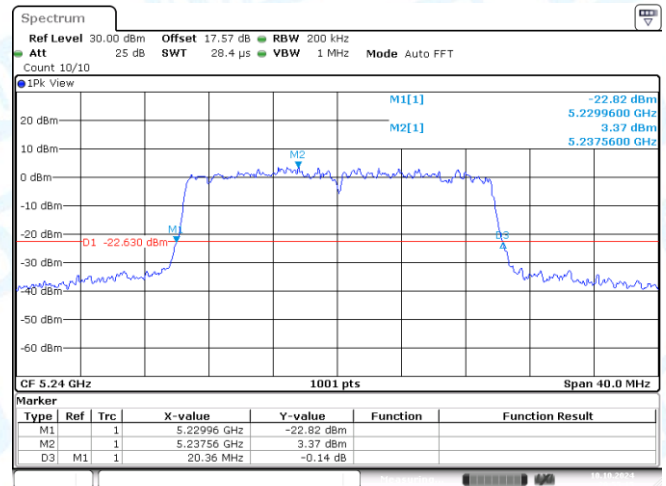
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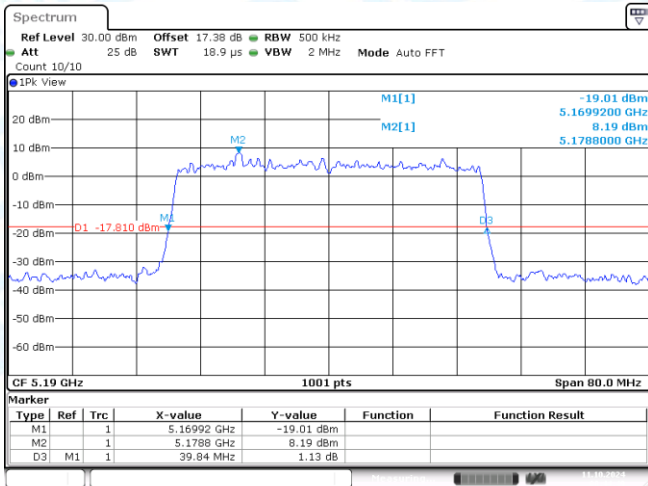
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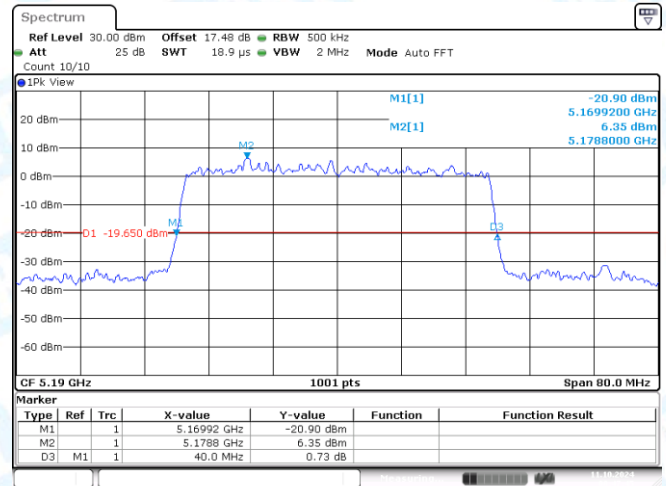
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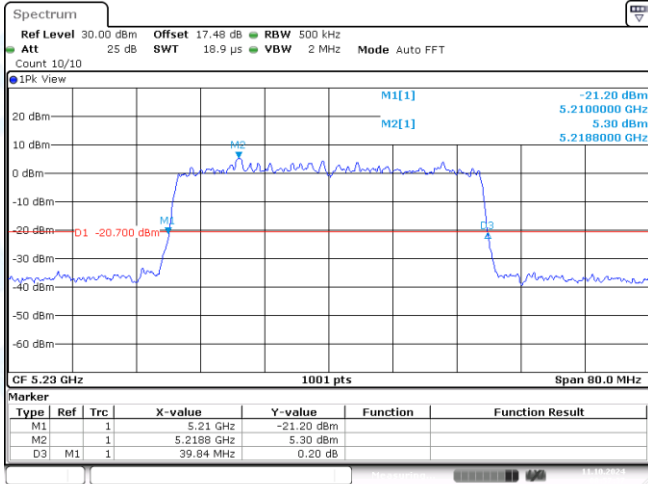
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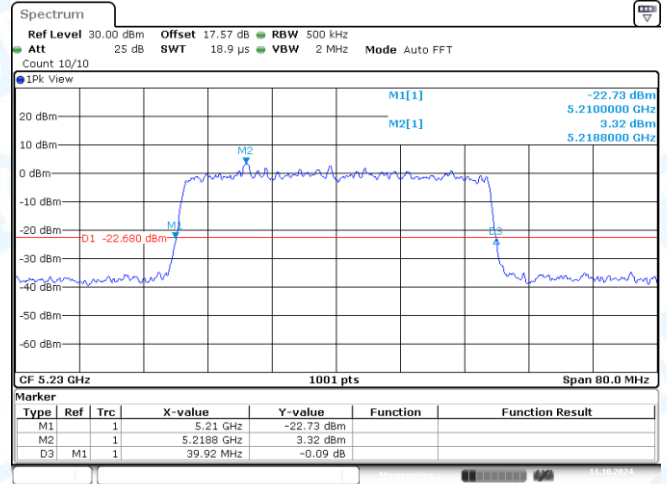
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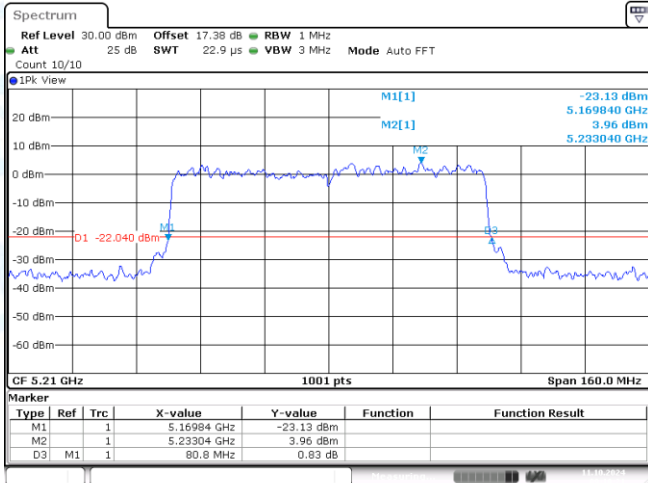
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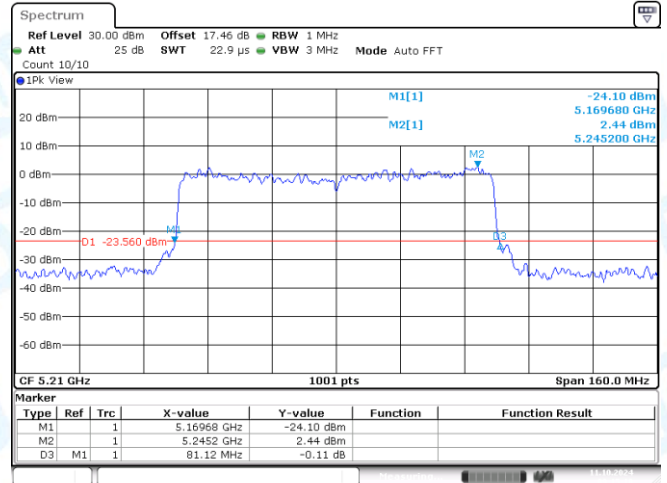
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11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210



11AX80MIMO-Ant2-5210

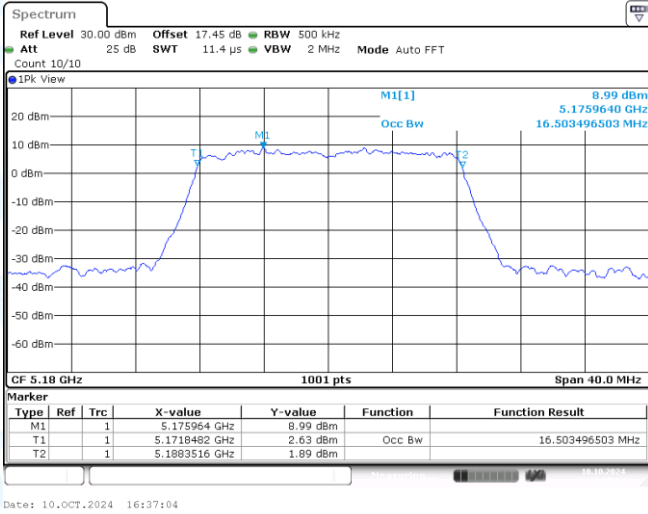
2. Occupied channel bandwidth

2.1 Test Result

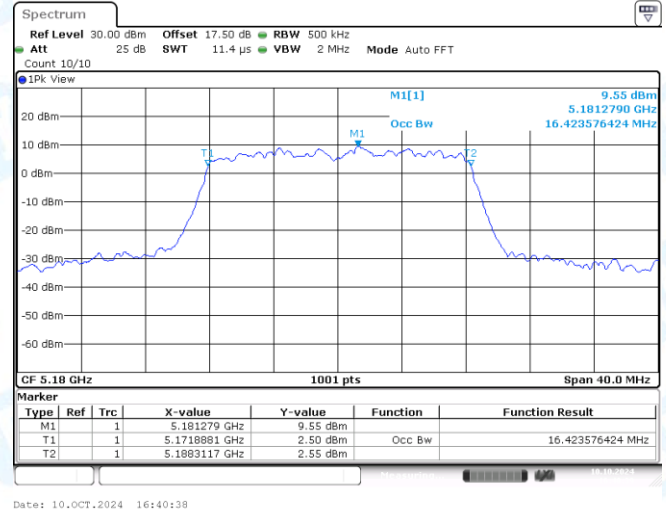
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	16.503	5171.8482	5188.3516	---	---
11A-CDD	Ant2	5180	16.424	5171.8881	5188.3117	---	---
11A-CDD	Ant1	5200	16.583	5191.8082	5208.3916	---	---
11A-CDD	Ant2	5200	16.424	5191.8482	5208.2717	---	---
11A-CDD	Ant1	5240	16.543	5231.8482	5248.3916	---	---
11A-CDD	Ant2	5240	16.503	5231.8082	5248.3117	---	---
11A-CDD	Ant1	5745	16.543	5736.8082	5753.3516	---	---
11A-CDD	Ant2	5745	16.503	5736.8082	5753.3117	---	---
11A-CDD	Ant1	5785	16.583	5776.6883	5793.2717	---	---
11A-CDD	Ant2	5785	16.503	5776.7682	5793.2717	---	---
11A-CDD	Ant1	5825	16.583	5816.8082	5833.3916	---	---
11A-CDD	Ant2	5825	16.503	5816.7682	5833.2717	---	---
11N20MIMO	Ant1	5180	17.622	5171.2488	5188.8711	---	---
11N20MIMO	Ant2	5180	17.662	5171.2088	5188.8711	---	---
11N20MIMO	Ant1	5200	17.702	5191.2088	5208.9111	---	---
11N20MIMO	Ant2	5200	17.622	5191.2488	5208.8711	---	---
11N20MIMO	Ant1	5240	17.662	5231.2488	5248.9111	---	---
11N20MIMO	Ant2	5240	17.702	5231.2088	5248.9111	---	---
11N20MIMO	Ant1	5745	17.662	5736.2088	5753.8711	---	---
11N20MIMO	Ant2	5745	17.662	5736.2088	5753.8711	---	---
11N20MIMO	Ant1	5785	17.662	5776.2088	5793.8711	---	---
11N20MIMO	Ant2	5785	17.662	5776.2088	5793.8711	---	---
11N20MIMO	Ant1	5825	17.702	5816.2088	5833.9111	---	---
11N20MIMO	Ant2	5825	17.662	5816.2088	5833.8711	---	---
11N40MIMO	Ant1	5190	36.204	5171.9381	5208.1419	---	---
11N40MIMO	Ant2	5190	36.204	5171.9381	5208.1419	---	---
11N40MIMO	Ant1	5230	36.284	5211.9381	5248.2218	---	---
11N40MIMO	Ant2	5230	36.204	5211.9381	5248.1419	---	---
11N40MIMO	Ant1	5755	36.284	5736.8581	5773.1419	---	---
11N40MIMO	Ant2	5755	36.204	5736.8581	5773.0619	---	---
11N40MIMO	Ant1	5795	36.204	5776.9381	5813.1419	---	---
11N40MIMO	Ant2	5795	36.124	5776.9381	5813.0619	---	---
11AC20MIMO	Ant1	5180	17.702	5171.2088	5188.9111	---	---
11AC20MIMO	Ant2	5180	17.702	5171.2088	5188.9111	---	---
11AC20MIMO	Ant1	5200	17.742	5191.2088	5208.9510	---	---
11AC20MIMO	Ant2	5200	17.702	5191.2088	5208.9111	---	---
11AC20MIMO	Ant1	5240	17.702	5231.2488	5248.9510	---	---
11AC20MIMO	Ant2	5240	17.662	5231.2488	5248.9111	---	---
11AC20MIMO	Ant1	5745	17.742	5736.1688	5753.9111	---	---
11AC20MIMO	Ant2	5745	17.742	5736.1688	5753.9111	---	---
11AC20MIMO	Ant1	5785	17.742	5776.1688	5793.9111	---	---

11AC20MIMO	Ant2	5785	17.742	5776.1688	5793.9111	---	---
11AC20MIMO	Ant1	5825	17.742	5816.2088	5833.9510	---	---
11AC20MIMO	Ant2	5825	17.702	5816.2088	5833.9111	---	---
11AC40MIMO	Ant1	5190	36.044	5172.0180	5208.0619	---	---
11AC40MIMO	Ant2	5190	36.044	5172.0180	5208.0619	---	---
11AC40MIMO	Ant1	5230	36.204	5211.9381	5248.1419	---	---
11AC40MIMO	Ant2	5230	36.044	5212.0180	5248.0619	---	---
11AC40MIMO	Ant1	5755	36.124	5736.9381	5773.0619	---	---
11AC40MIMO	Ant2	5755	36.124	5737.0180	5773.1419	---	---
11AC40MIMO	Ant1	5795	36.204	5776.9381	5813.1419	---	---
11AC40MIMO	Ant2	5795	36.044	5777.0180	5813.0619	---	---
11AC80MIMO	Ant1	5210	77.043	5171.7982	5248.8412	---	---
11AC80MIMO	Ant2	5210	76.563	5171.9580	5248.5215	---	---
11AC80MIMO	Ant1	5775	77.043	5736.6384	5813.6813	---	---
11AC80MIMO	Ant2	5775	76.723	5736.7982	5813.5215	---	---
11AX20MIMO	Ant1	5180	18.981	5170.5295	5189.5105	---	---
11AX20MIMO	Ant2	5180	18.941	5170.5694	5189.5105	---	---
11AX20MIMO	Ant1	5200	18.981	5190.5694	5209.5504	---	---
11AX20MIMO	Ant2	5200	18.941	5190.5694	5209.5105	---	---
11AX20MIMO	Ant1	5240	18.941	5230.5694	5249.5105	---	---
11AX20MIMO	Ant2	5240	18.981	5230.5694	5249.5504	---	---
11AX20MIMO	Ant1	5745	18.981	5735.5694	5754.5504	---	---
11AX20MIMO	Ant2	5745	18.981	5735.5694	5754.5504	---	---
11AX20MIMO	Ant1	5785	18.981	5775.5694	5794.5504	---	---
11AX20MIMO	Ant2	5785	18.941	5775.5694	5794.5105	---	---
11AX20MIMO	Ant1	5825	19.021	5815.5694	5834.5904	---	---
11AX20MIMO	Ant2	5825	18.941	5815.5694	5834.5105	---	---
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	37.802	5736.2188	5774.0210	---	---
11AX40MIMO	Ant2	5755	37.882	5736.2188	5774.1009	---	---
11AX40MIMO	Ant1	5795	37.882	5776.2188	5814.1009	---	---
11AX40MIMO	Ant2	5795	37.802	5776.2188	5814.0210	---	---
11AX80MIMO	Ant1	5210	77.363	5171.6384	5249.0010	---	---
11AX80MIMO	Ant2	5210	77.842	5171.3187	5249.1608	---	---
11AX80MIMO	Ant1	5775	36.603	5736.7982	5773.4016	---	---
11AX80MIMO	Ant2	5775	36.603	5736.7982	5773.4016	---	---

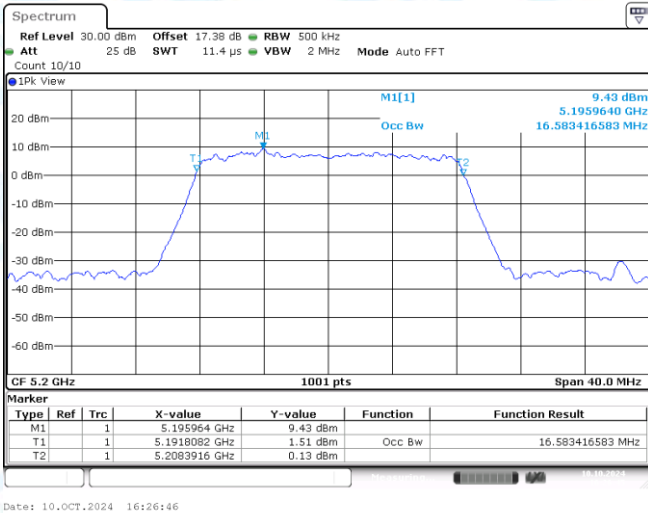
2.2 Test Graphs



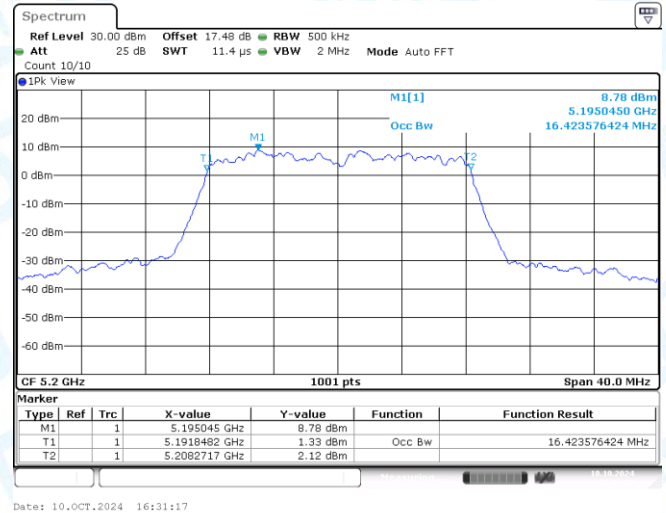
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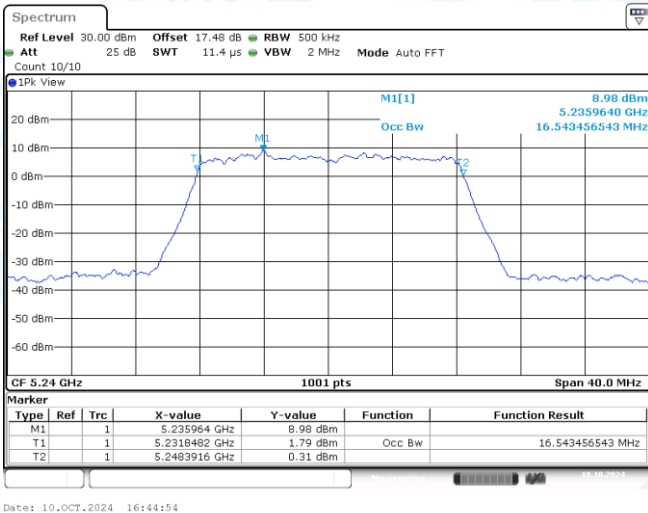
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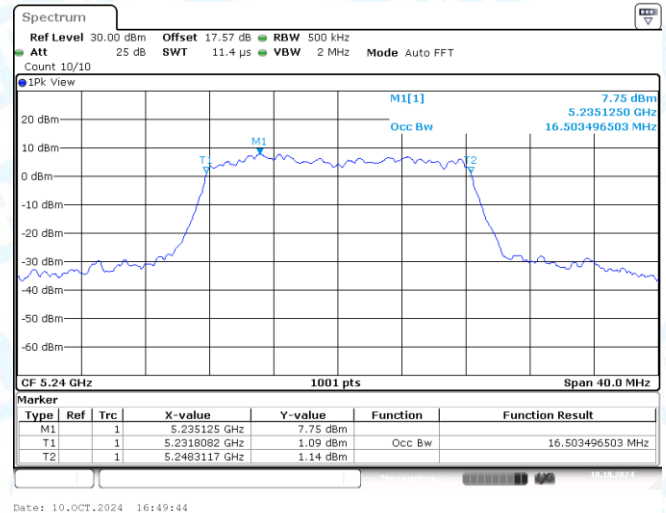
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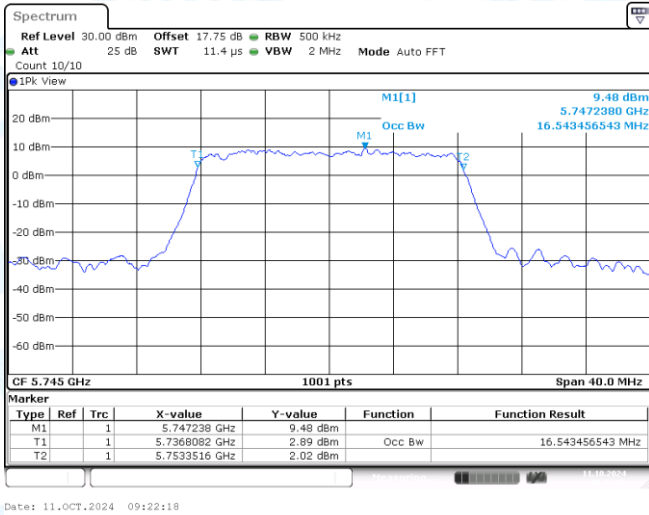
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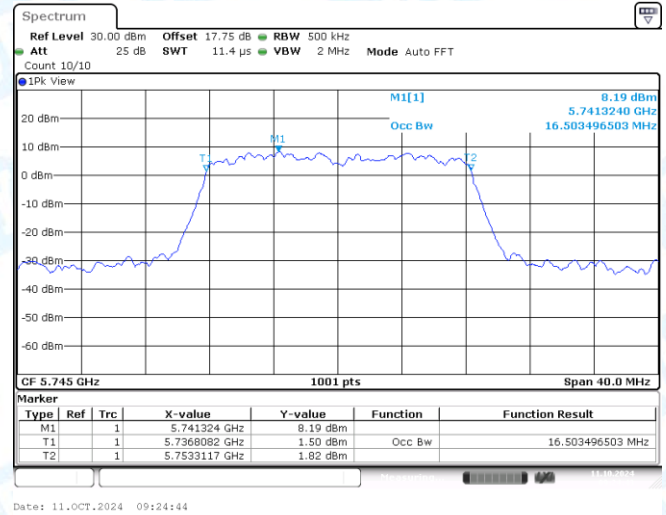
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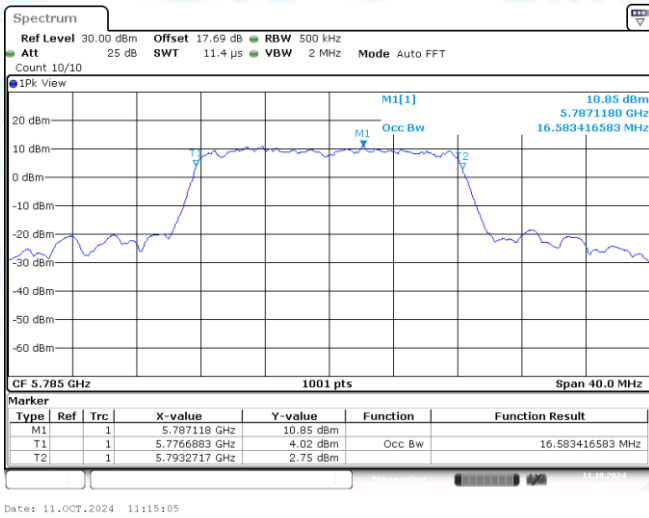
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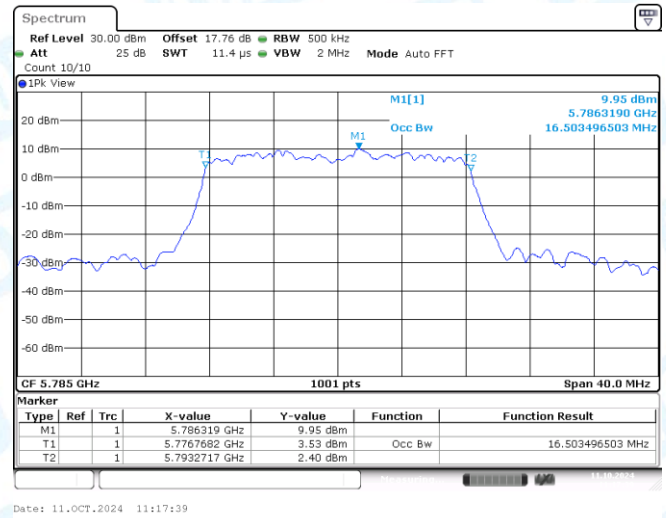
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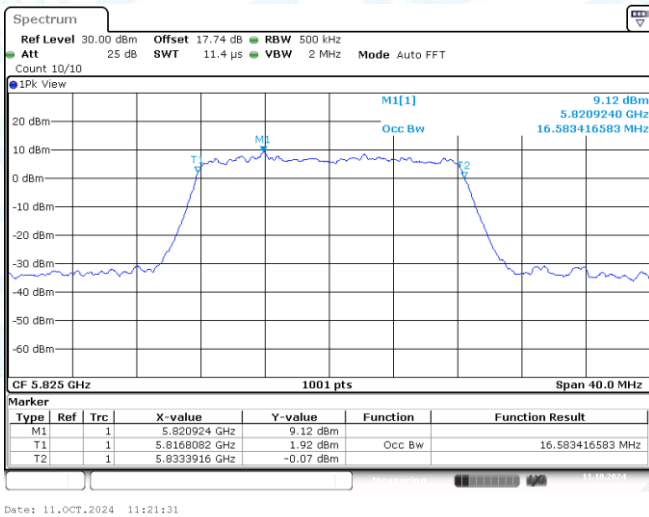
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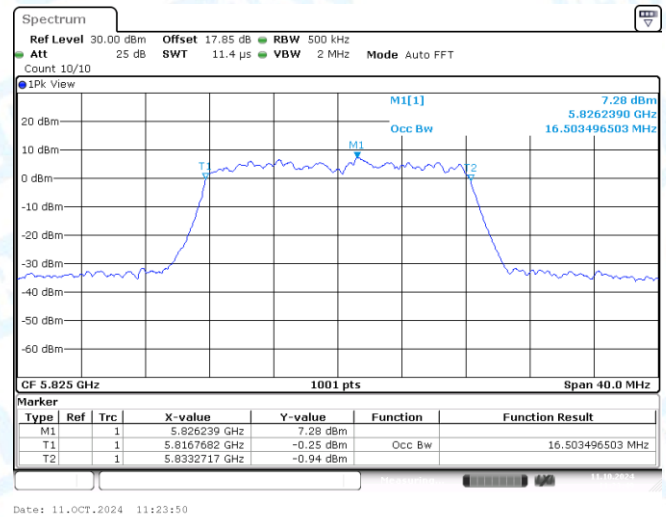
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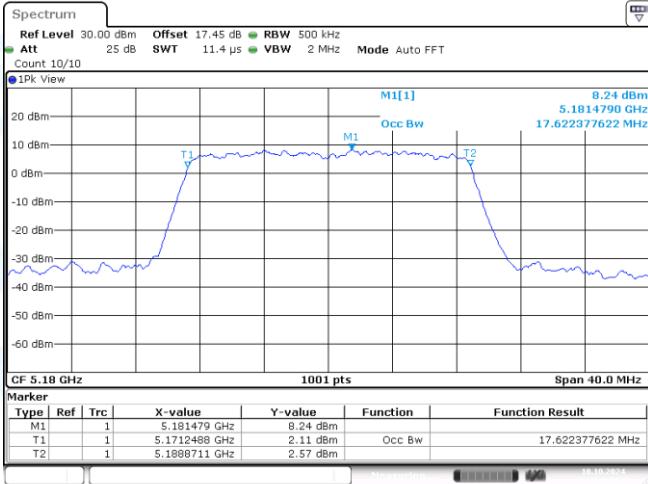
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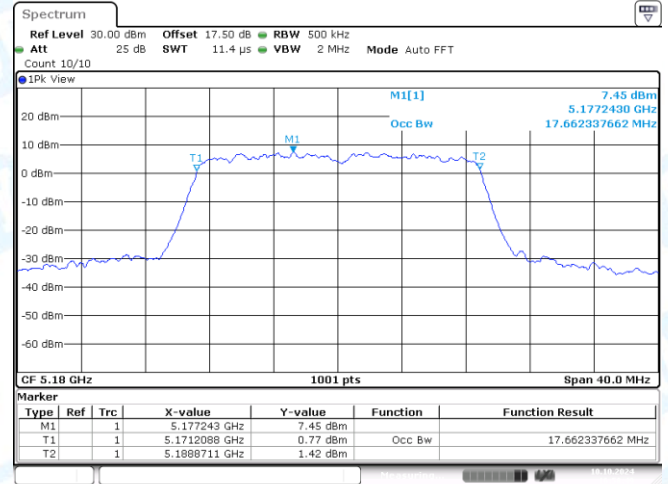
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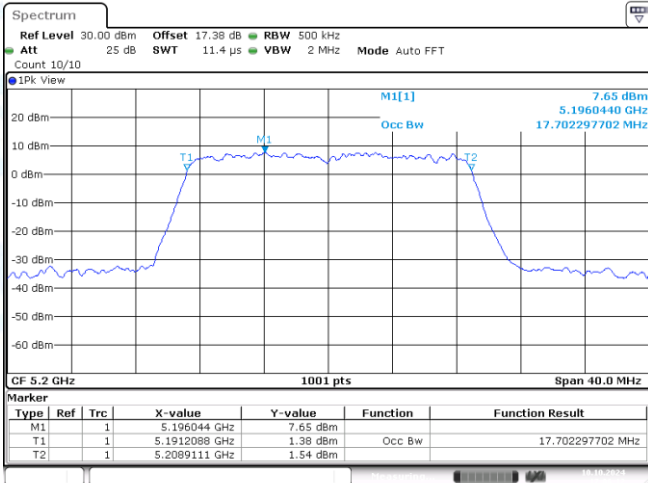
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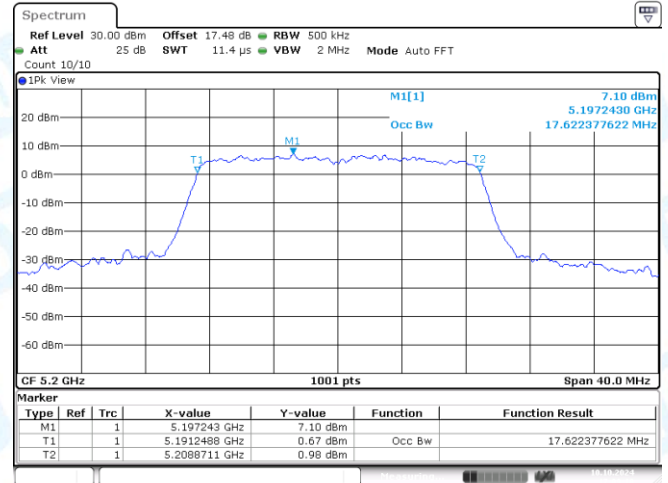
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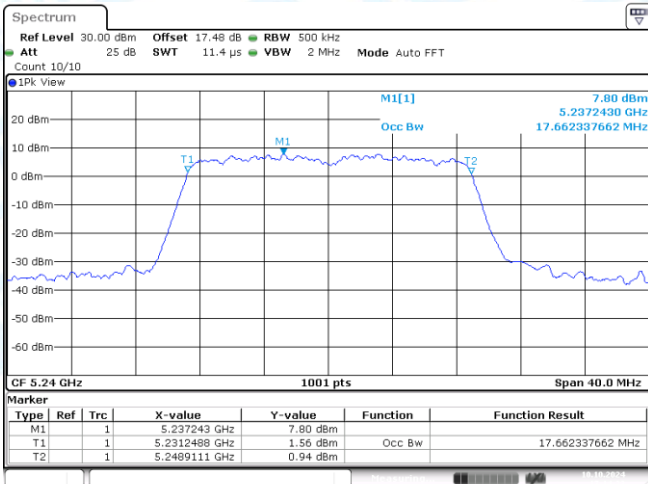
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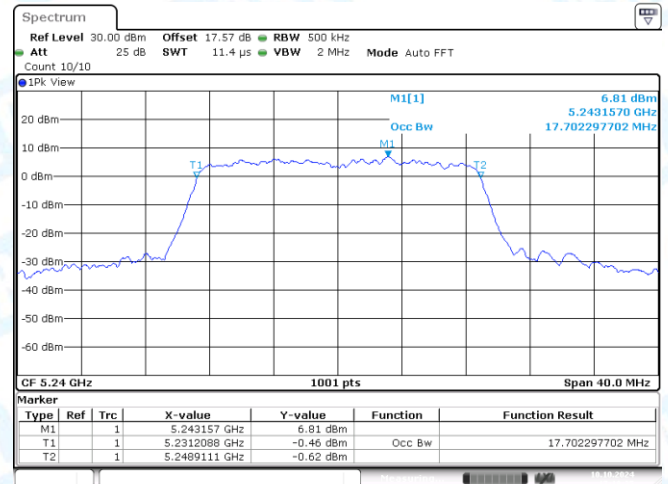
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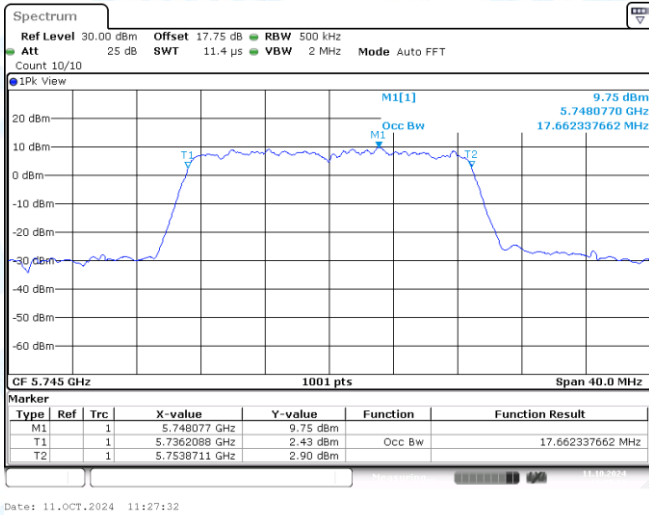
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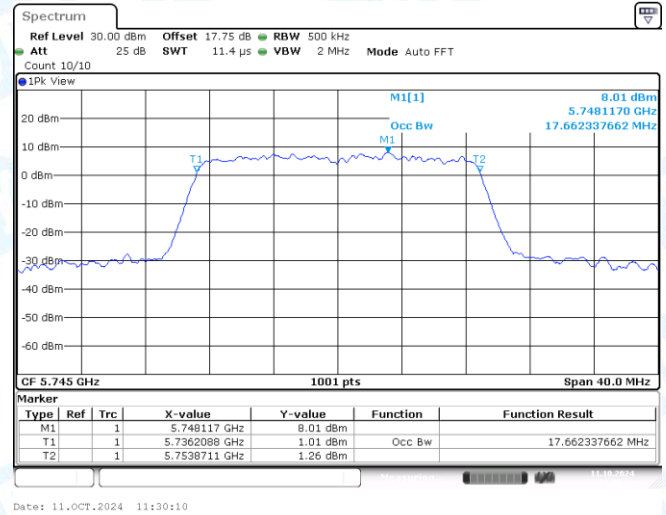
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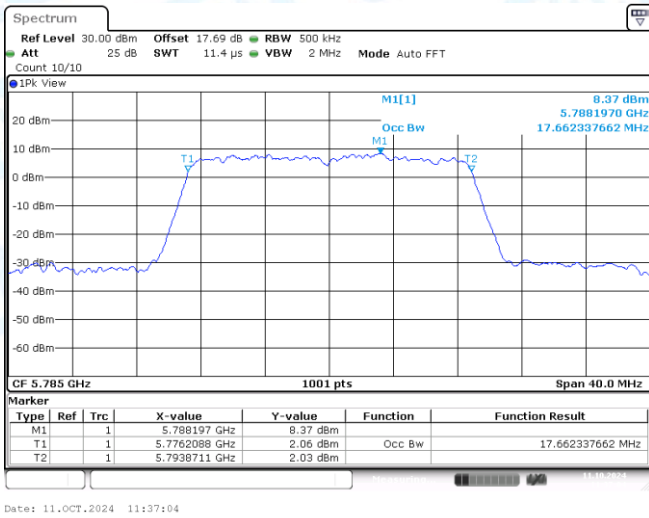
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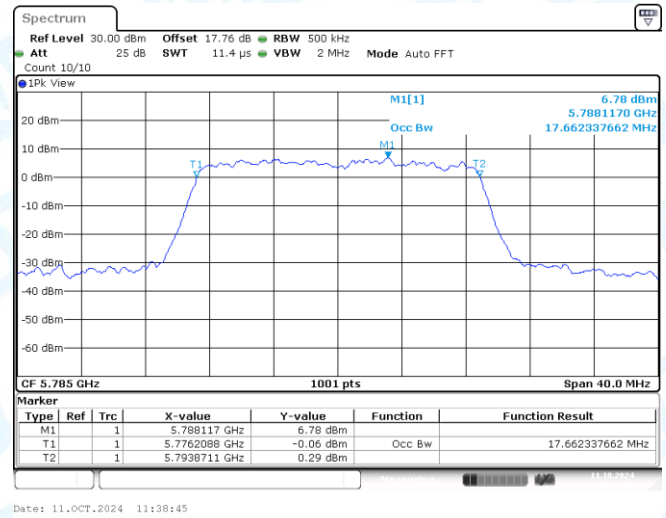
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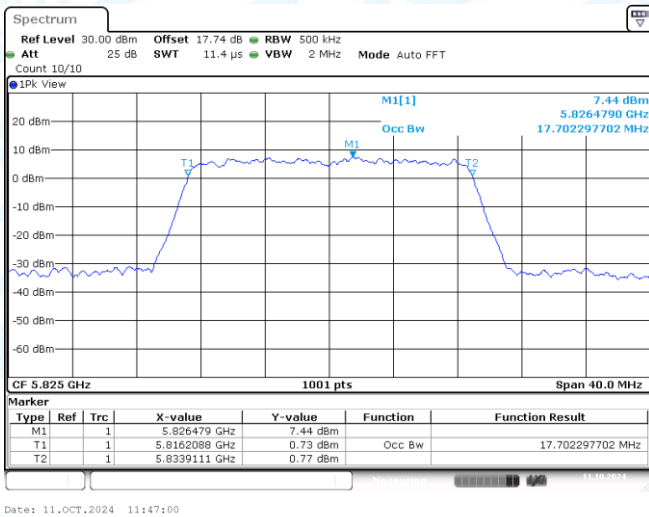
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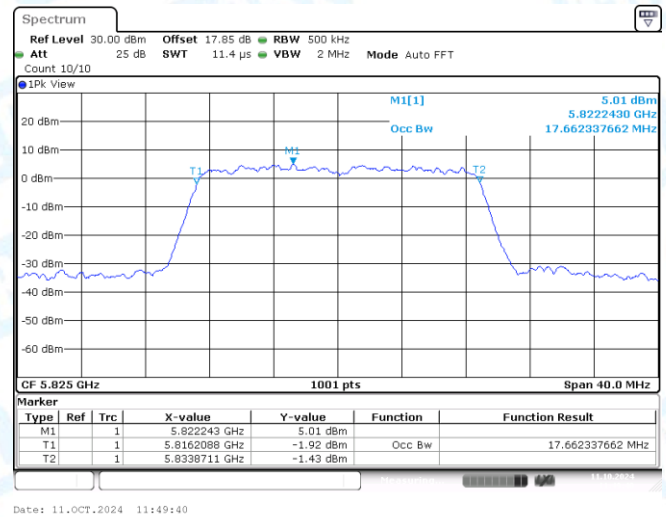
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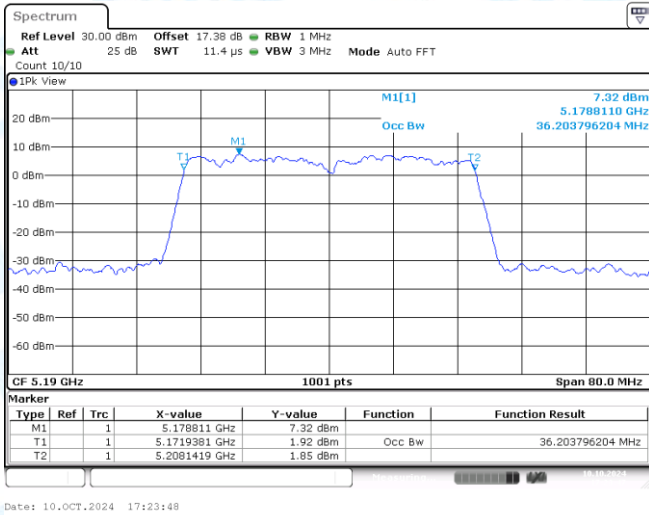
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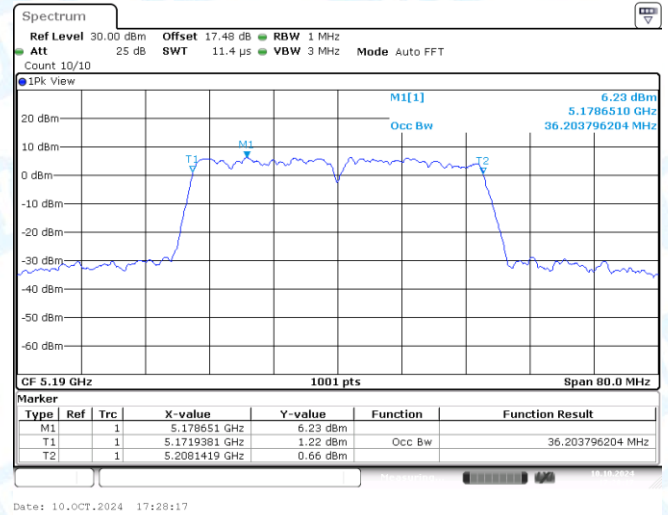
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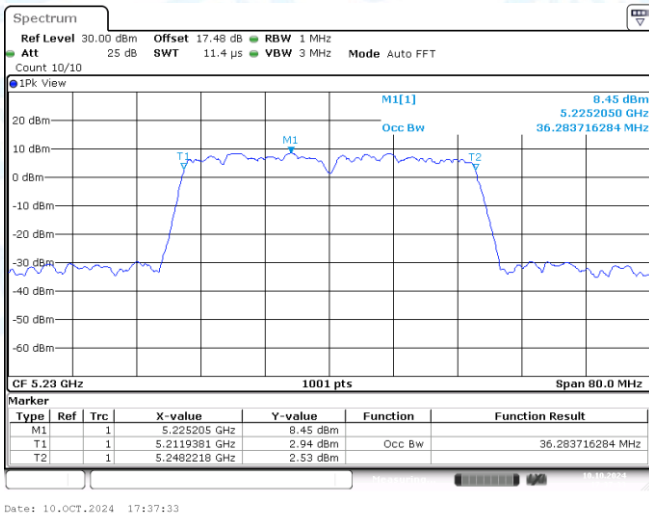
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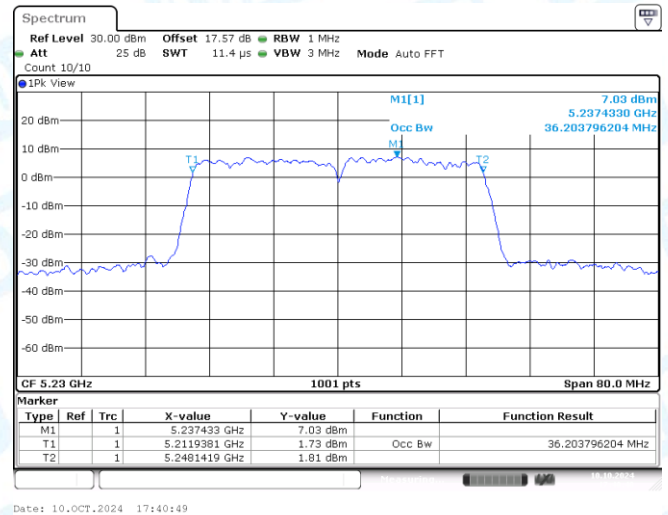
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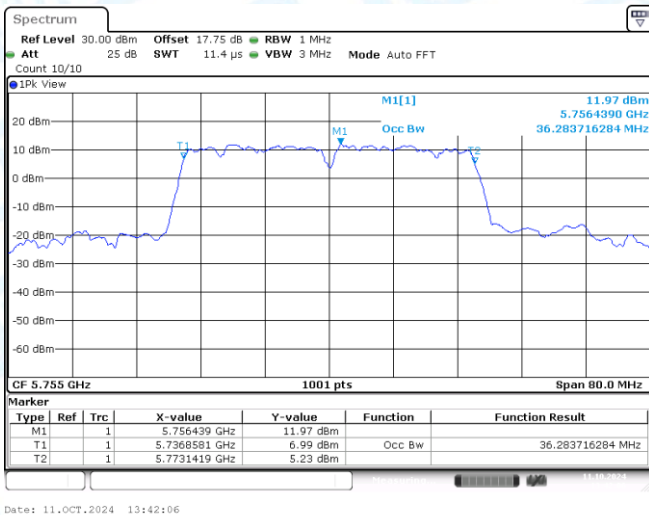
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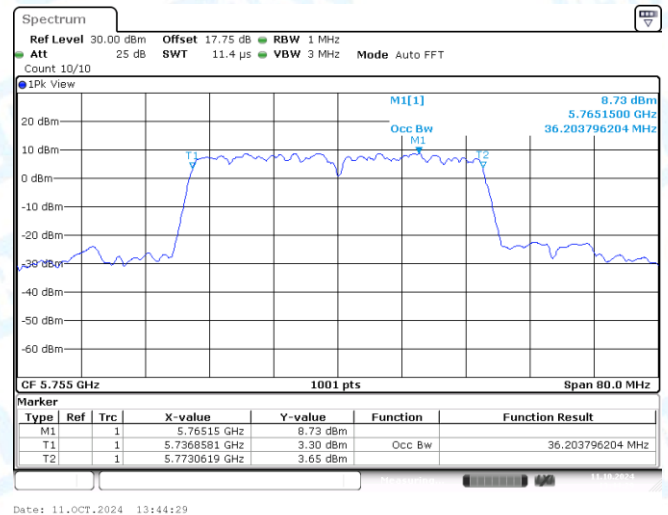
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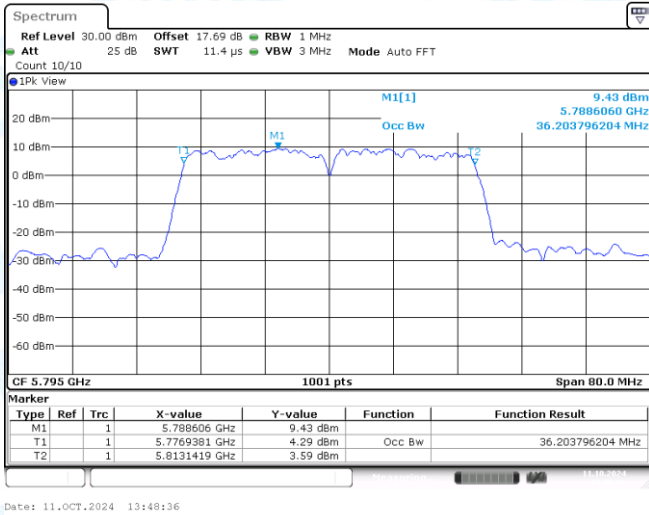
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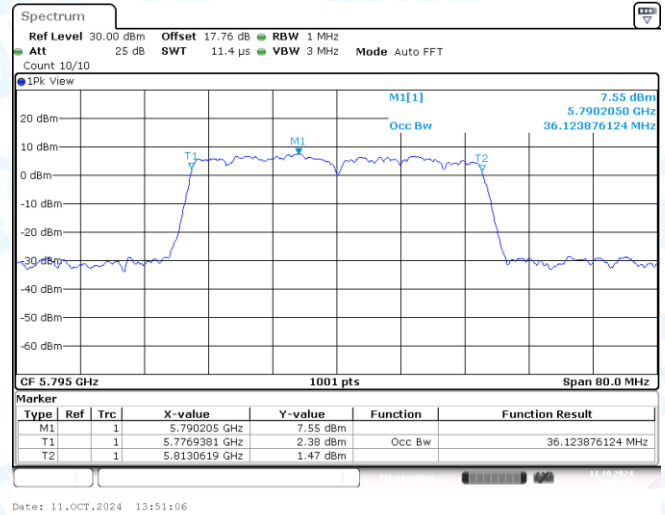
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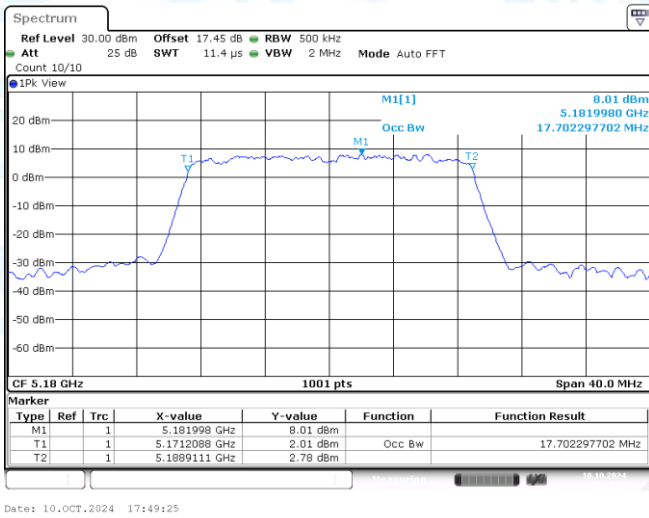
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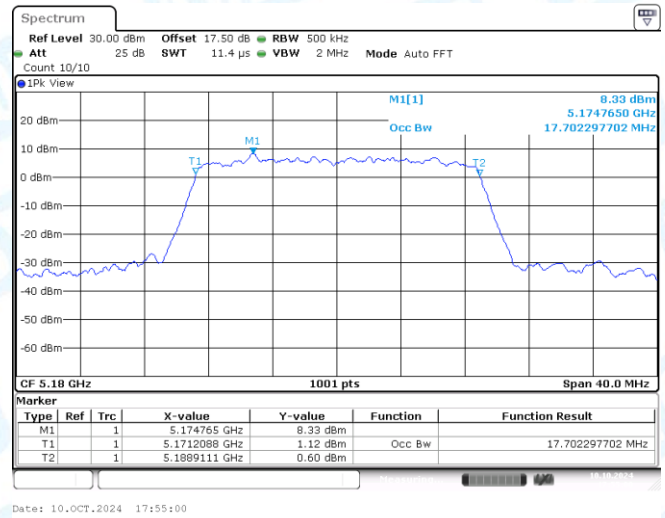
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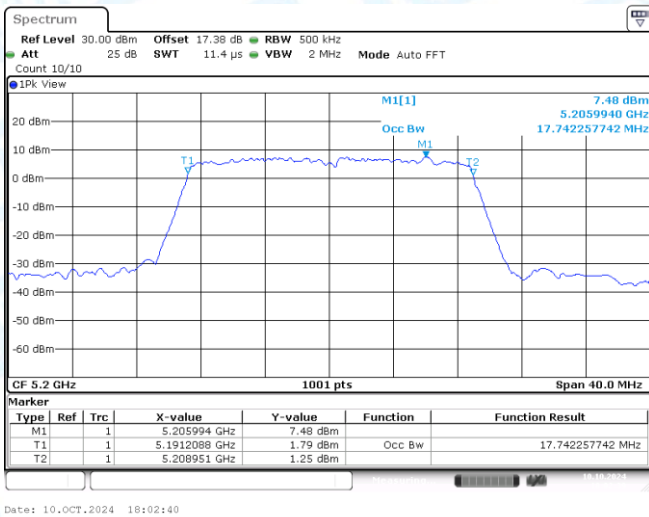
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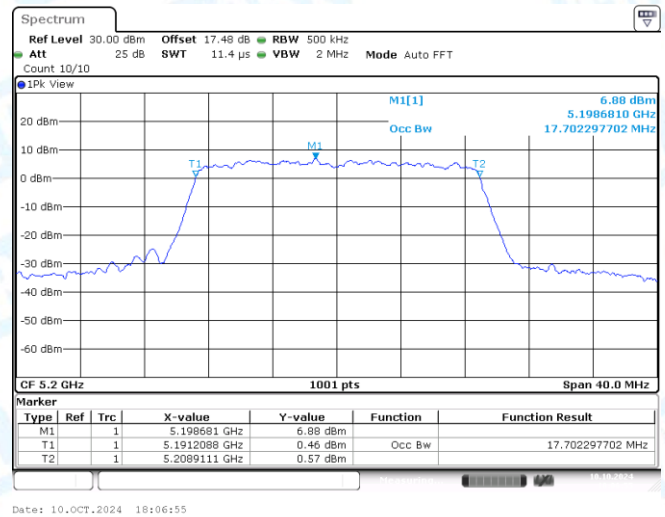
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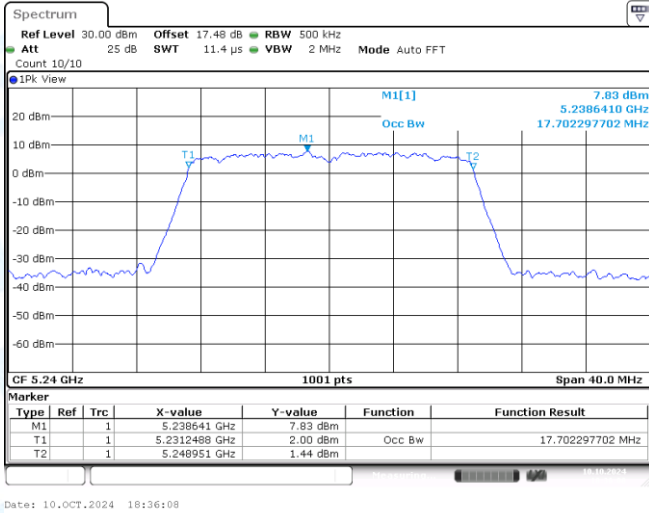
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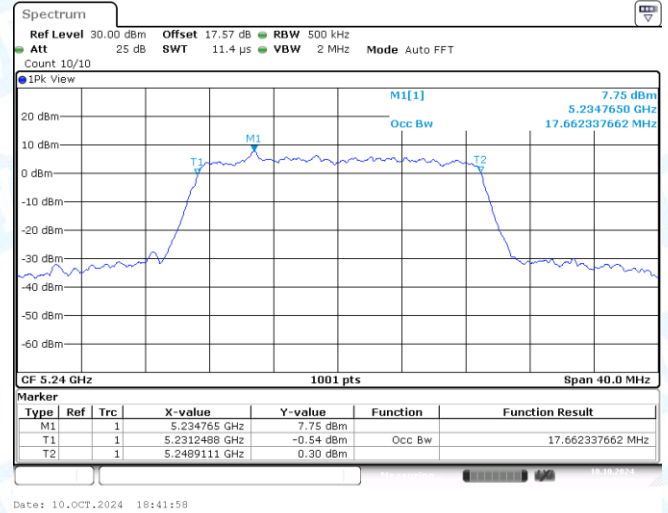
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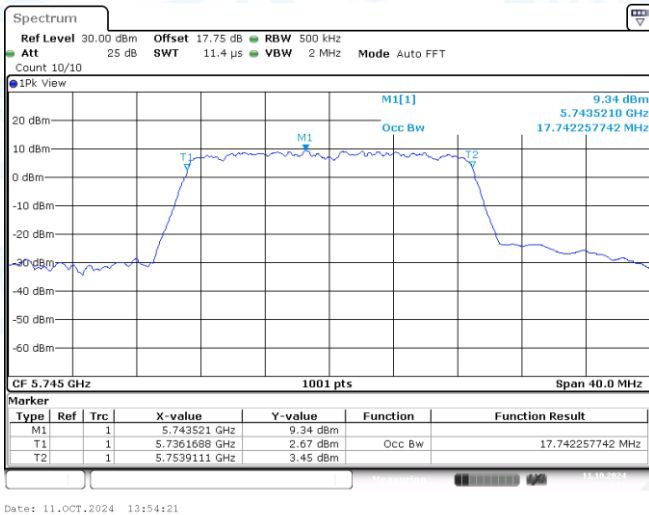
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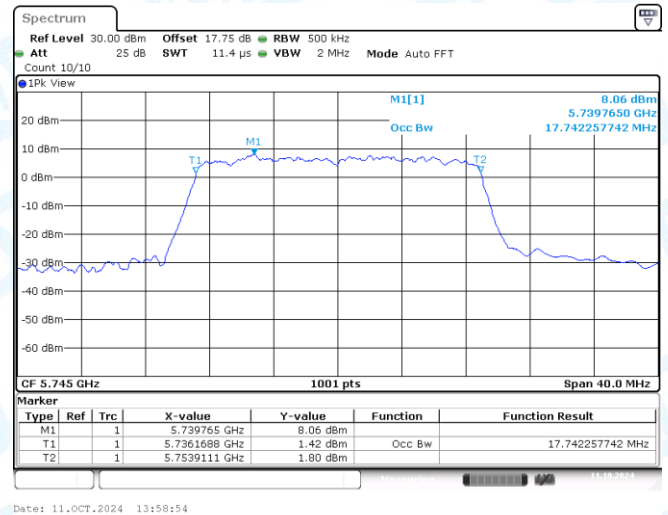
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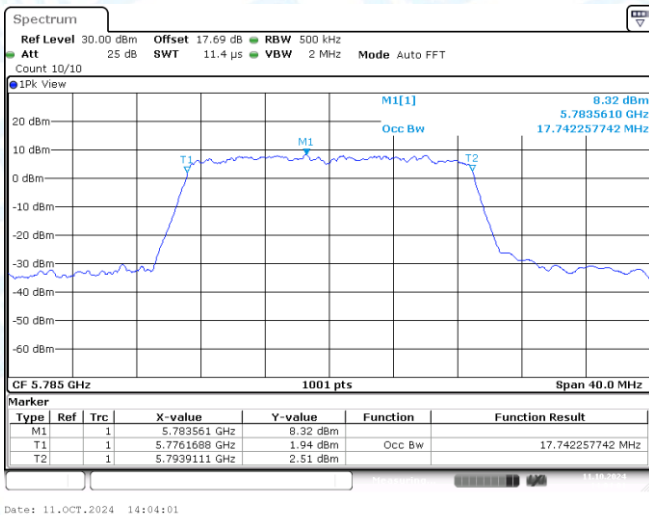
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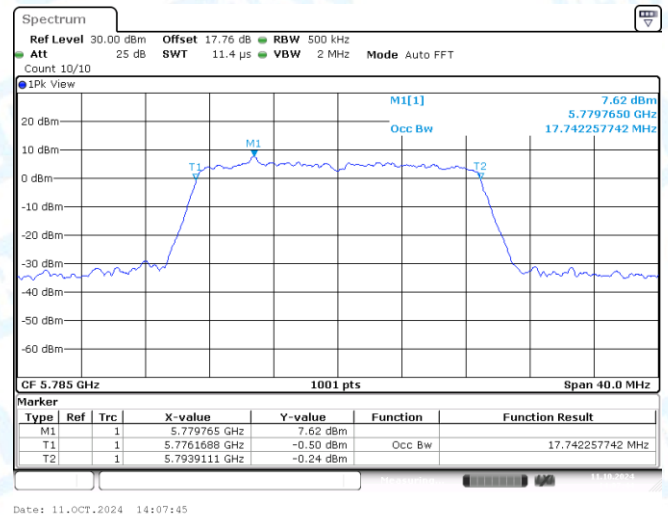
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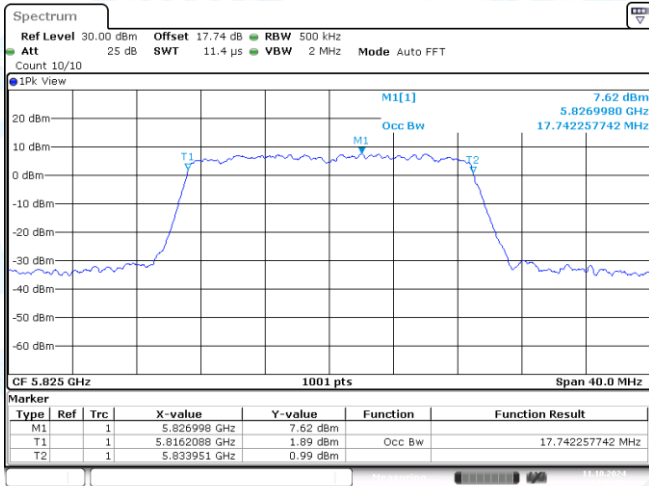
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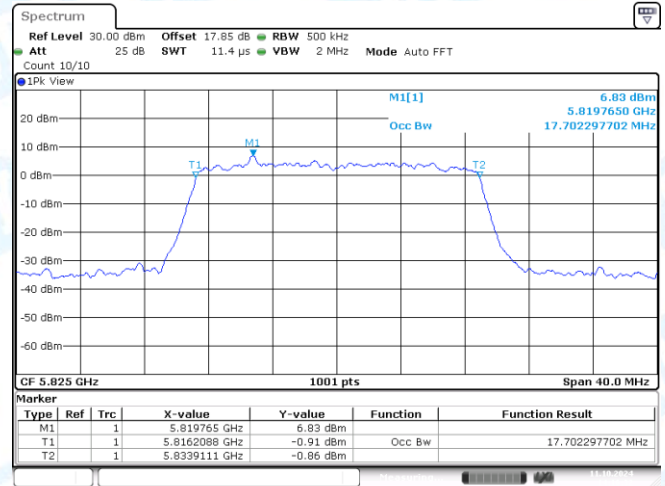
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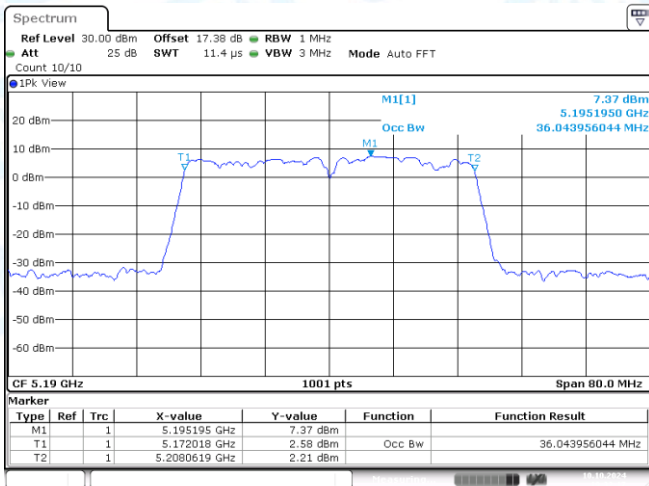
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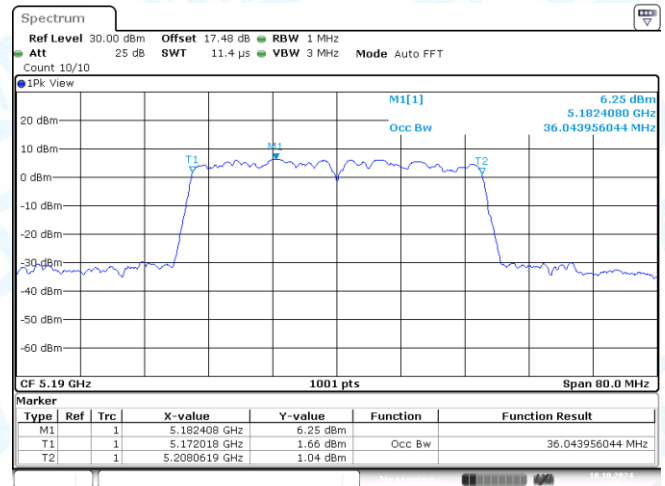
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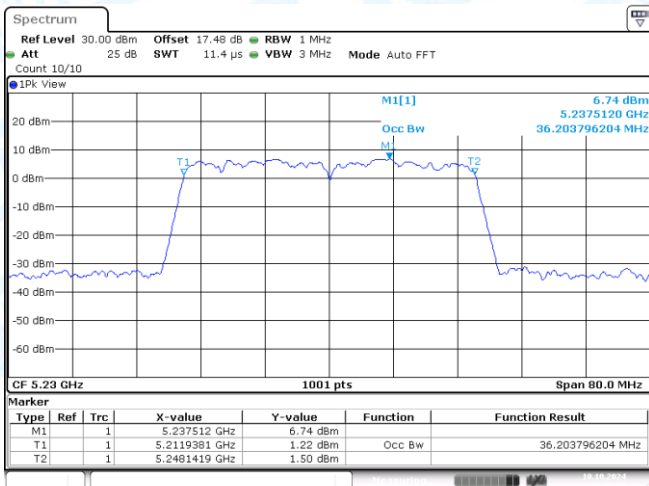
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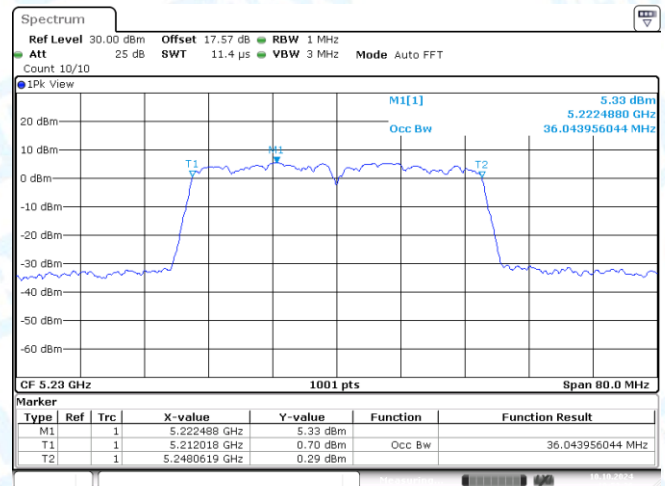
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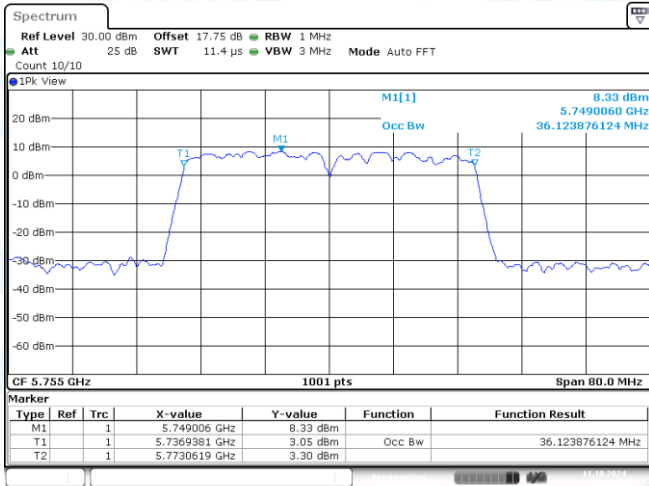
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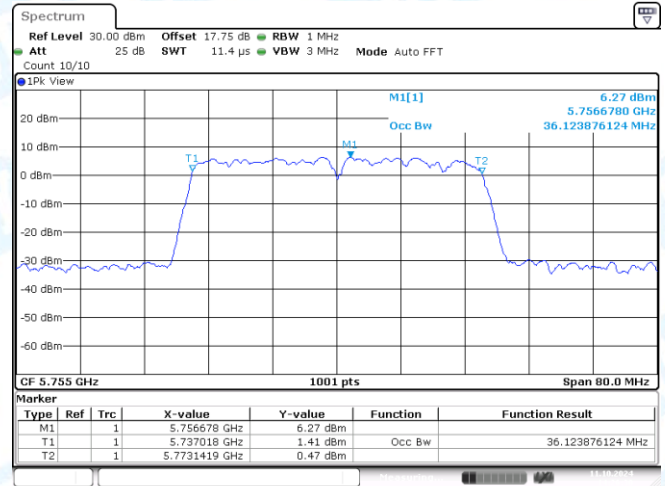
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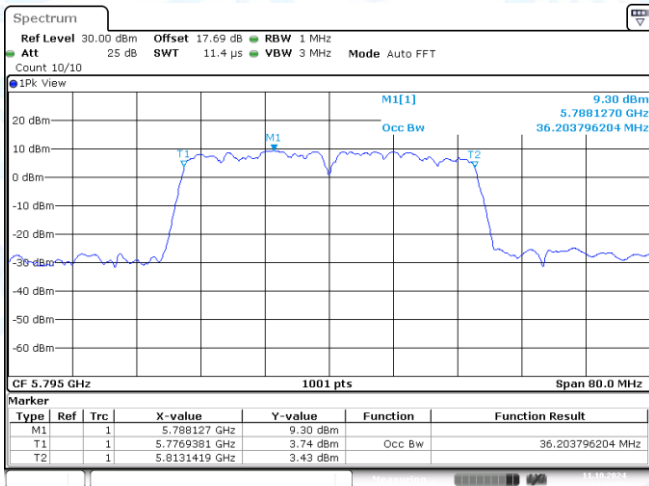
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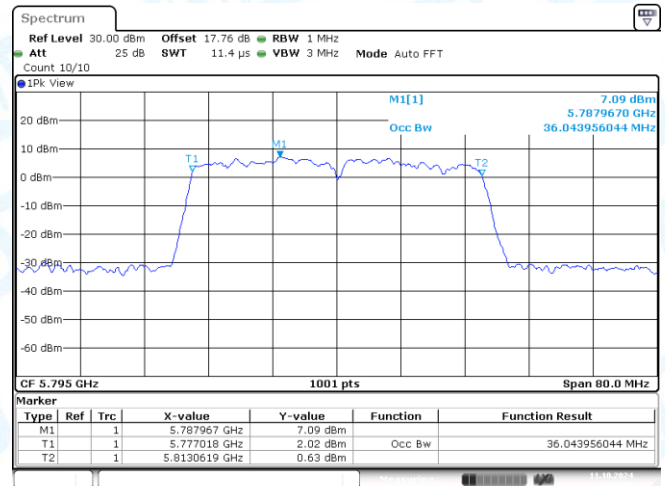
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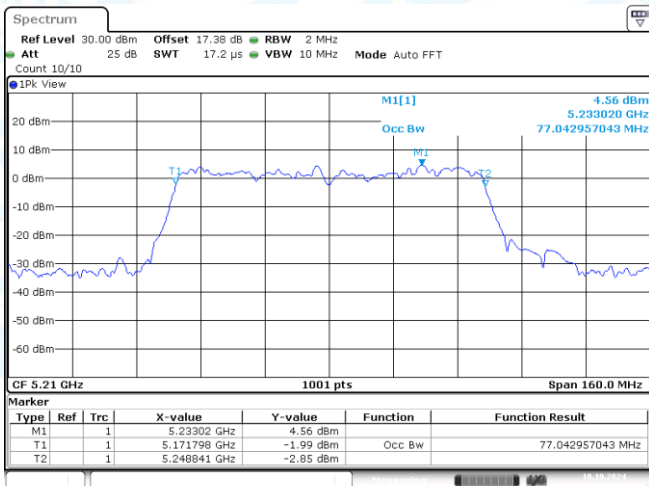
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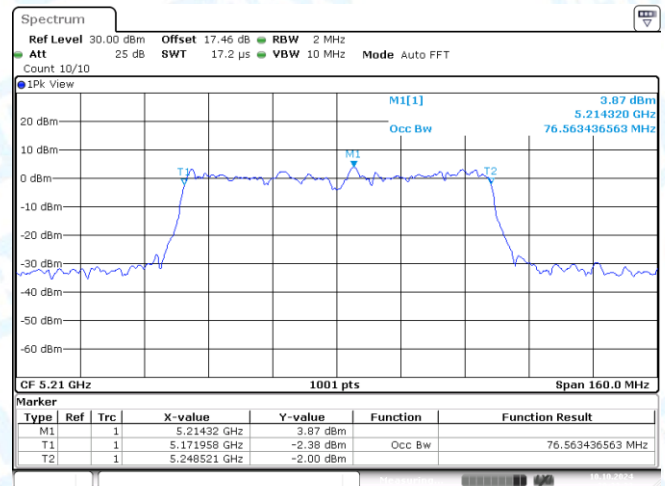
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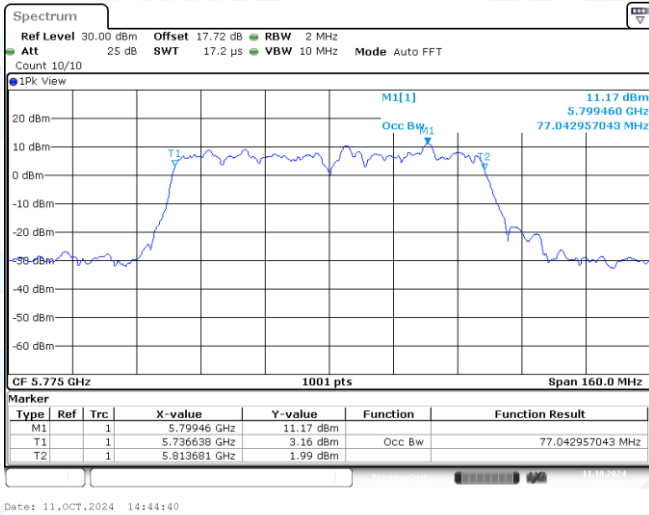
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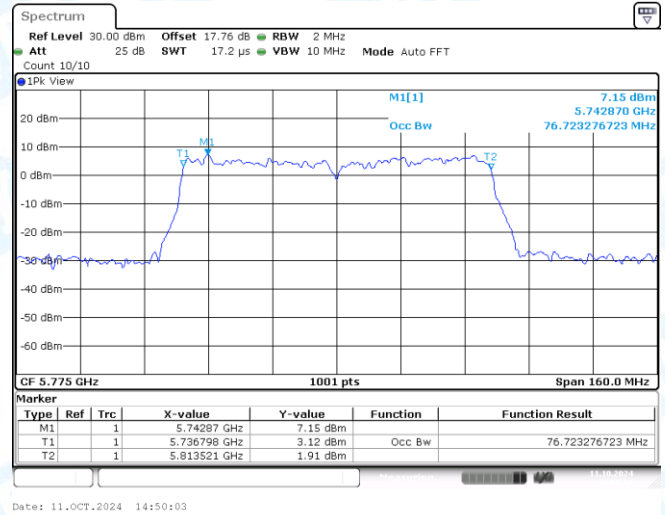
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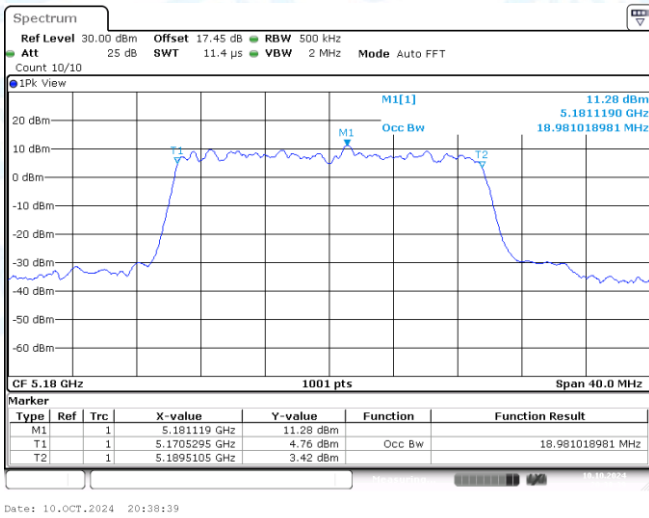
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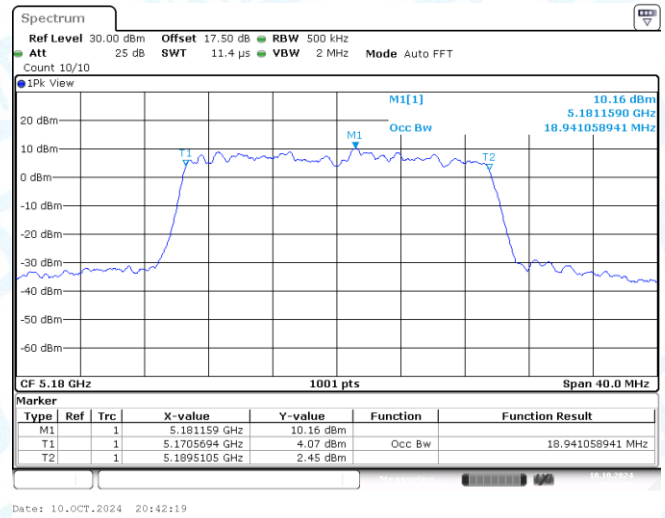
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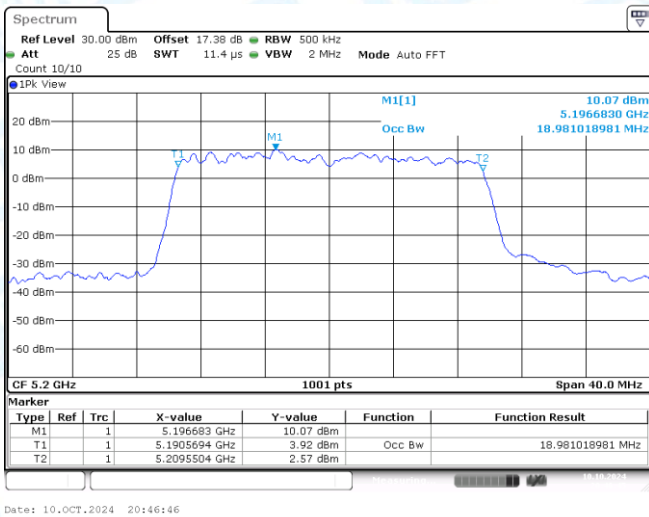
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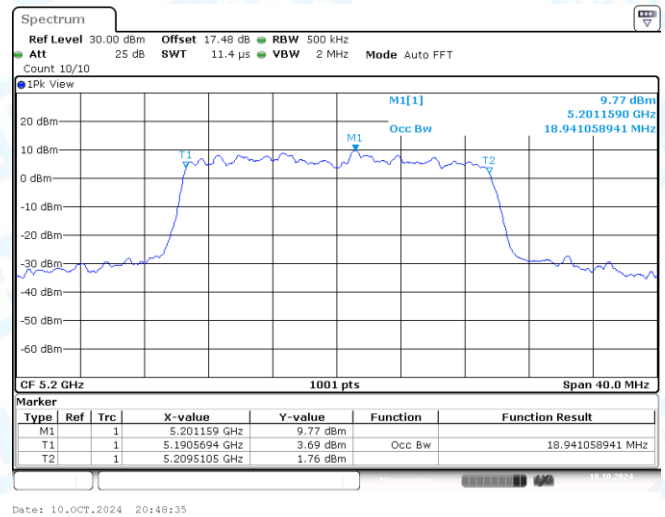
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11AX20MIMO-Ant2-5180



11AX20MIMO-Ant1-5200



11AX20MIMO-Ant2-5200