

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

General Description of EUT	
EUT Name:	ORBIT Trio AIR
Model:	ORBIT Trio AIR/KR2015
Sample ID:	HC-C-202506-0212-01-2#
Environmental Conditions	
Ambient Temperature:	25°C
Ambient Humidity:	45%RH
Test Power Supply:	DC 12V
Test Engineer:	Lily Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202506-0212-161 The report only show the worst case data.	

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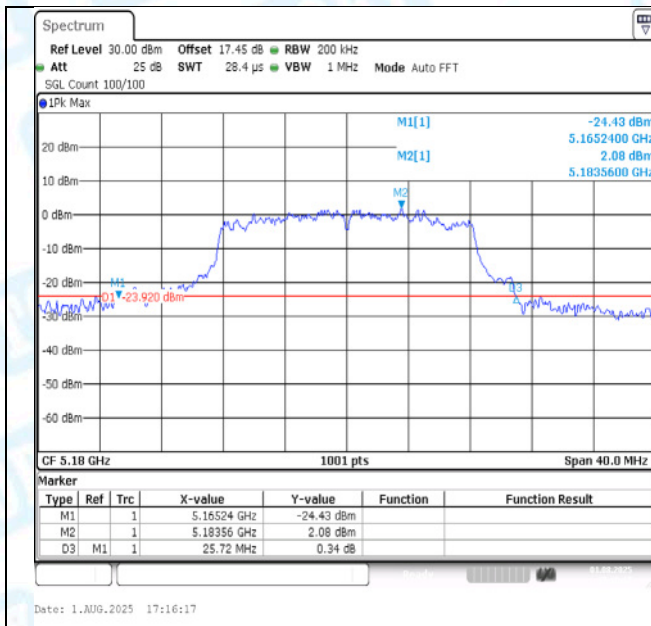
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1. Emission Bandwidth

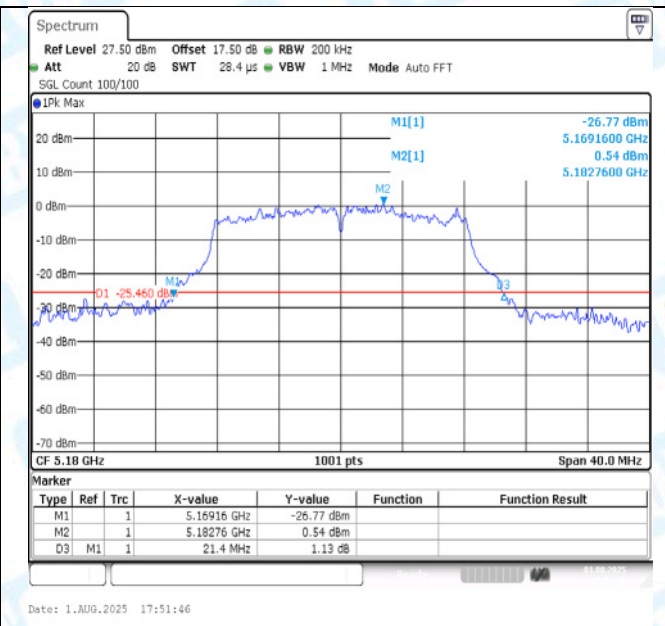
1.1 Test Result

TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	25.72	5165.24	5190.96	---	---
11A-CDD	Ant2	5180	21.40	5169.16	5190.56	---	---
11A-CDD	Ant1	5200	21.00	5189.68	5210.68	---	---
11A-CDD	Ant2	5200	21.44	5189.28	5210.72	---	---
11A-CDD	Ant1	5240	24.24	5226.80	5251.04	---	---
11A-CDD	Ant2	5240	21.08	5229.48	5250.56	---	---
11N20-CDD	Ant1	5180	21.28	5169.44	5190.72	---	---
11N20-CDD	Ant2	5180	21.64	5169.28	5190.92	---	---
11N20-CDD	Ant1	5200	21.24	5189.28	5210.52	---	---
11N20-CDD	Ant2	5200	21.28	5189.28	5210.56	---	---
11N20-CDD	Ant1	5240	21.08	5229.24	5250.32	---	---
11N20-CDD	Ant2	5240	21.24	5229.40	5250.64	---	---
11N40-CDD	Ant1	5190	38.96	5170.72	5209.68	---	---
11N40-CDD	Ant2	5190	40.24	5169.76	5210.00	---	---
11N40-CDD	Ant1	5230	47.52	5210.08	5257.60	---	---
11N40-CDD	Ant2	5230	46.48	5210.00	5256.48	---	---
11AC20MIMO	Ant1	5180	20.72	5169.80	5190.52	---	---
11AC20MIMO	Ant2	5180	21.32	5169.36	5190.68	---	---
11AC20MIMO	Ant1	5200	21.12	5189.24	5210.36	---	---
11AC20MIMO	Ant2	5200	20.96	5189.44	5210.40	---	---
11AC20MIMO	Ant1	5240	20.84	5229.64	5250.48	---	---
11AC20MIMO	Ant2	5240	20.92	5229.56	5250.48	---	---
11AC40MIMO	Ant1	5190	39.52	5169.92	5209.44	---	---
11AC40MIMO	Ant2	5190	39.92	5170.00	5209.92	---	---
11AC40MIMO	Ant1	5230	39.36	5210.64	5250.00	---	---
11AC40MIMO	Ant2	5230	40.16	5209.68	5249.84	---	---
11AC80MIMO	Ant1	5210	79.68	5170.32	5250.00	---	---
11AC80MIMO	Ant2	5210	79.52	5170.64	5250.16	---	---
11AX20MIMO	Ant1	5180	20.88	5169.56	5190.44	---	---
11AX20MIMO	Ant2	5180	21.00	5169.44	5190.44	---	---
11AX20MIMO	Ant1	5200	20.80	5189.44	5210.24	---	---
11AX20MIMO	Ant2	5200	21.08	5189.48	5210.56	---	---
11AX20MIMO	Ant1	5240	21.00	5229.16	5250.16	---	---
11AX20MIMO	Ant2	5240	20.92	5229.56	5250.48	---	---
11AX40MIMO	Ant1	5190	40.00	5169.84	5209.84	---	---
11AX40MIMO	Ant2	5190	39.92	5170.16	5210.08	---	---
11AX40MIMO	Ant1	5230	40.32	5209.68	5250.00	---	---
11AX40MIMO	Ant2	5230	40.32	5209.92	5250.24	---	---
11AX80MIMO	Ant1	5210	80.32	5169.84	5250.16	---	---
11AX80MIMO	Ant2	5210	81.28	5169.52	5250.80	---	---

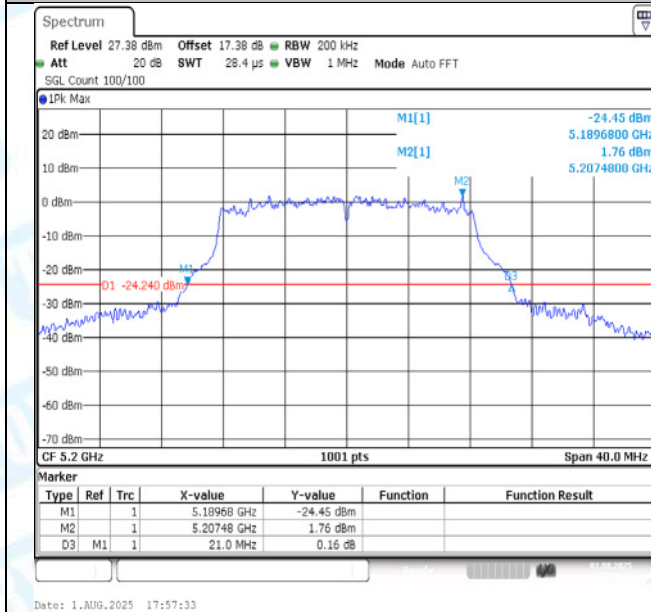
1.2 Test Graphs



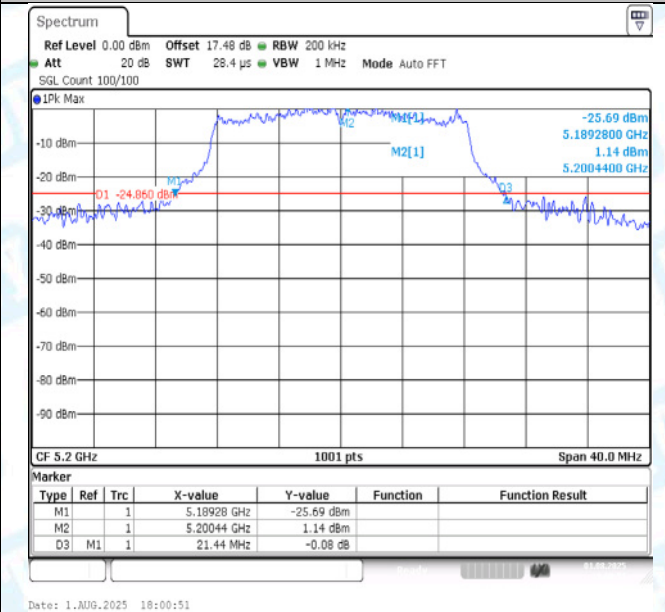
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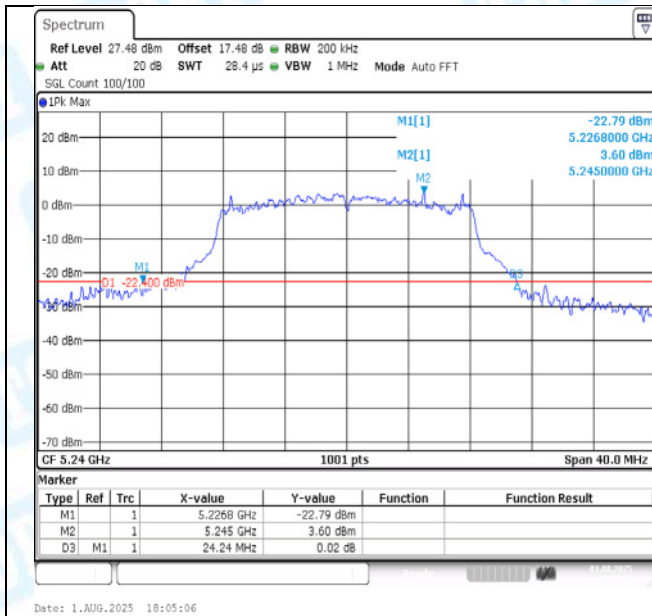
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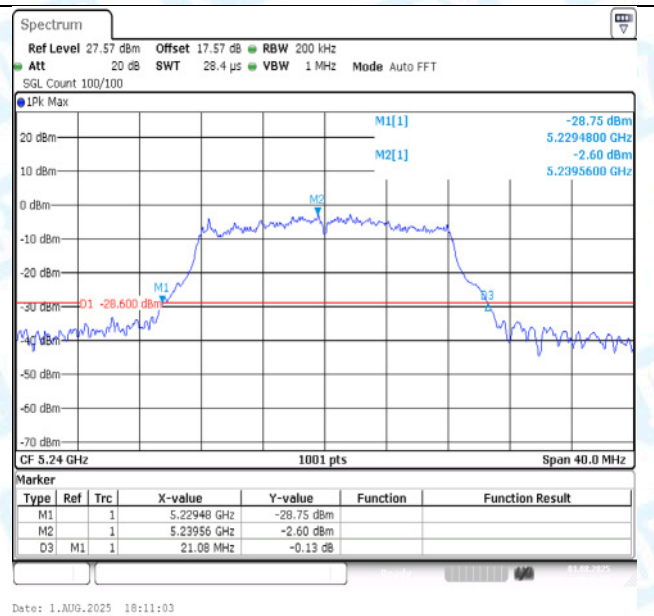
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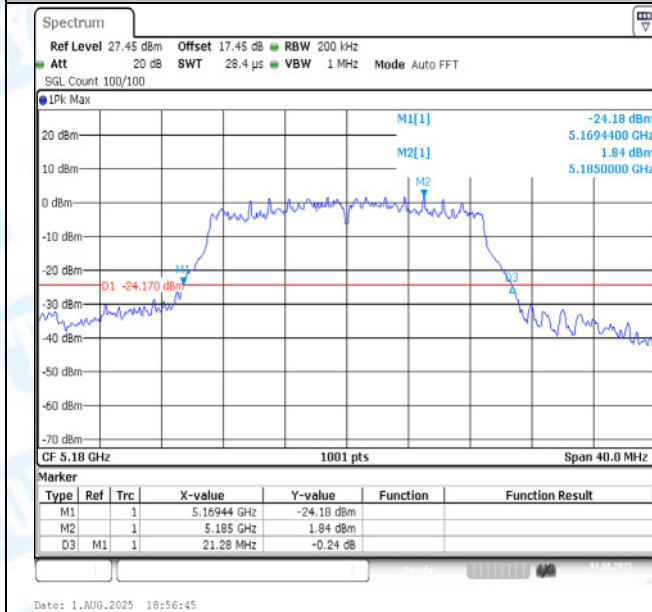
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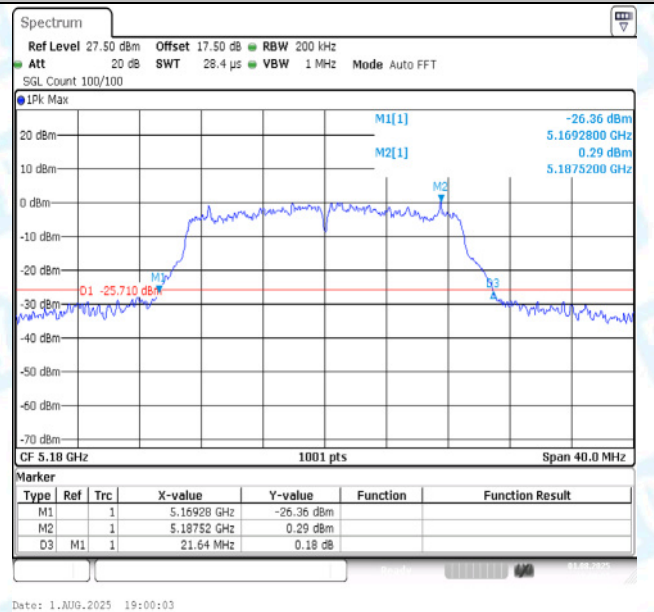
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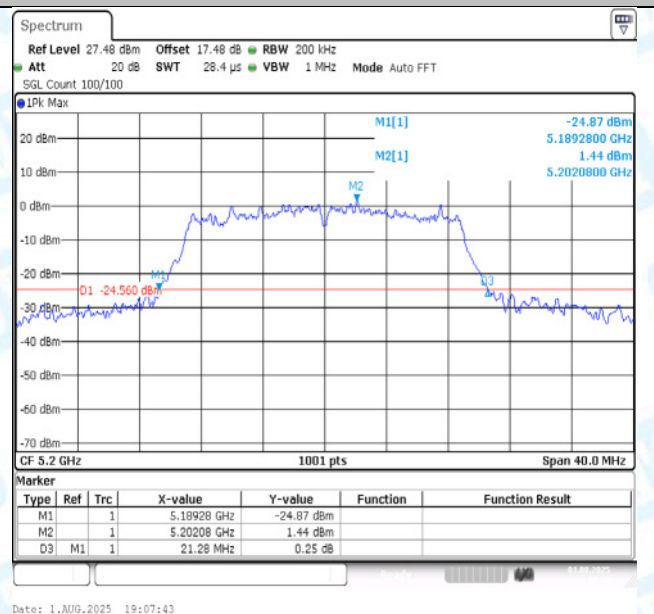
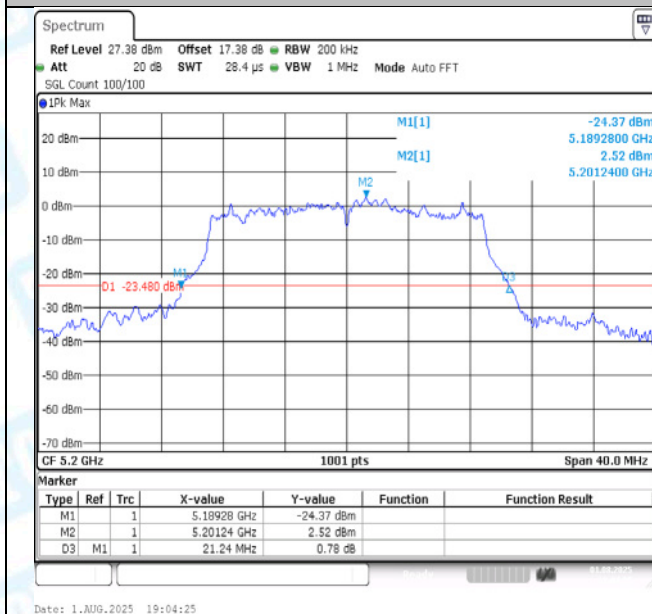
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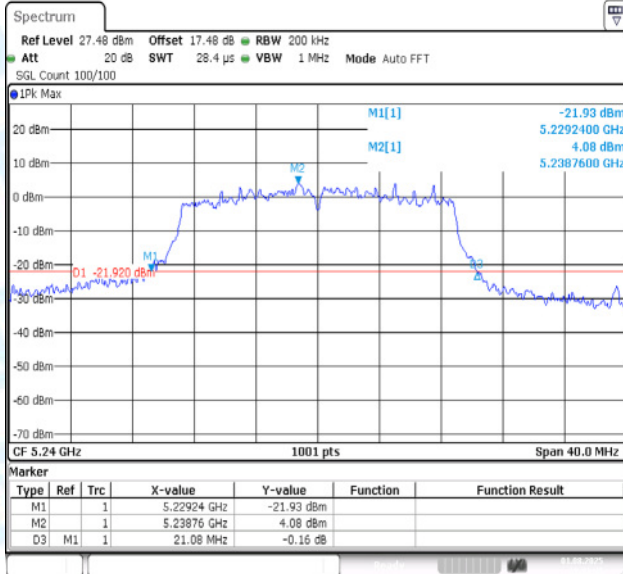
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11N20-CDD-Ant2-5180

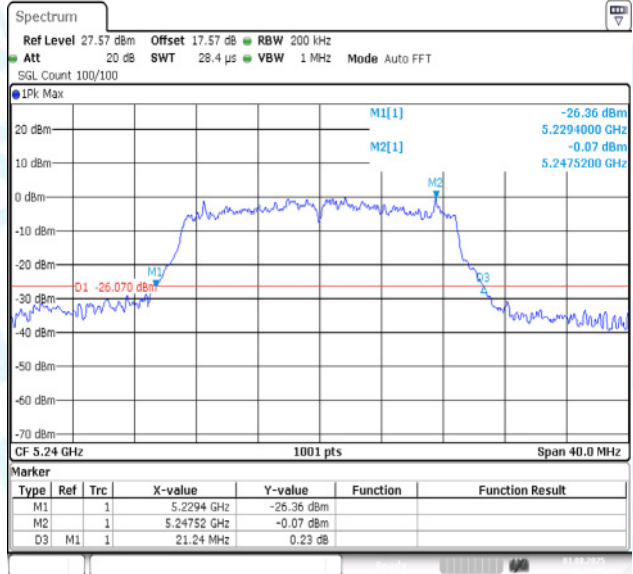


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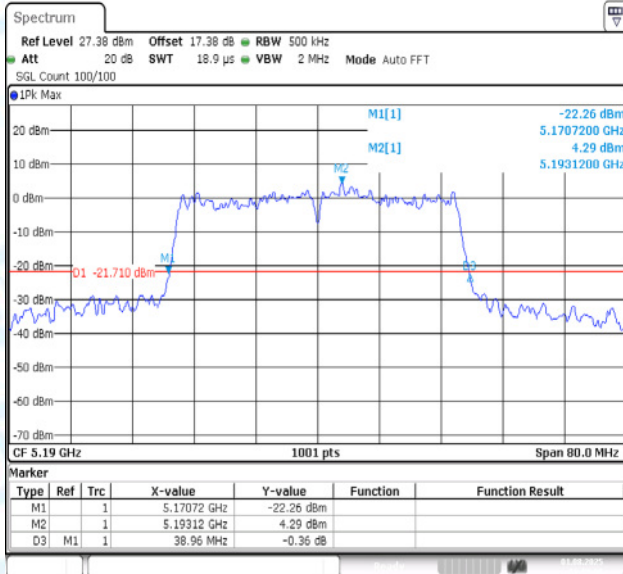
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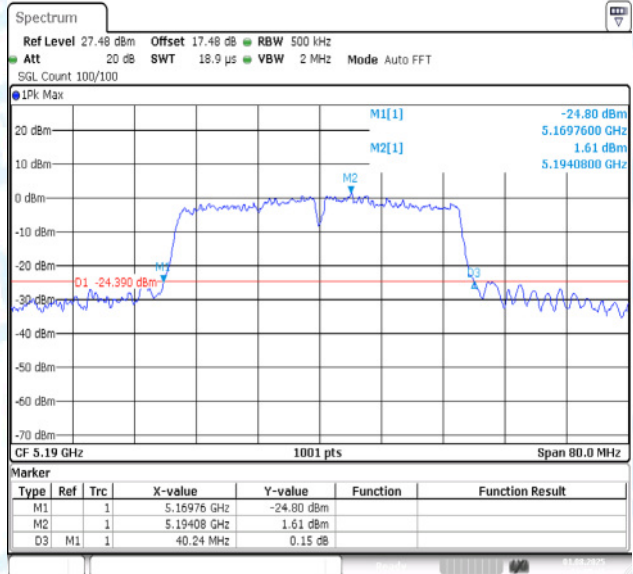
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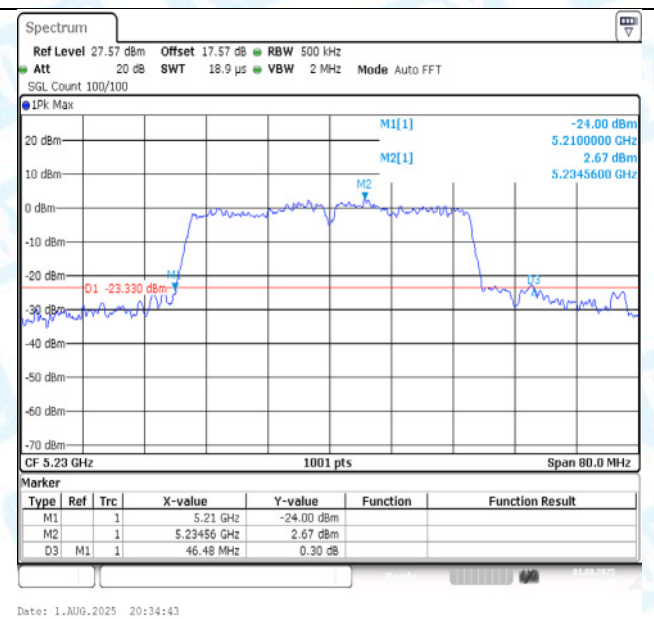
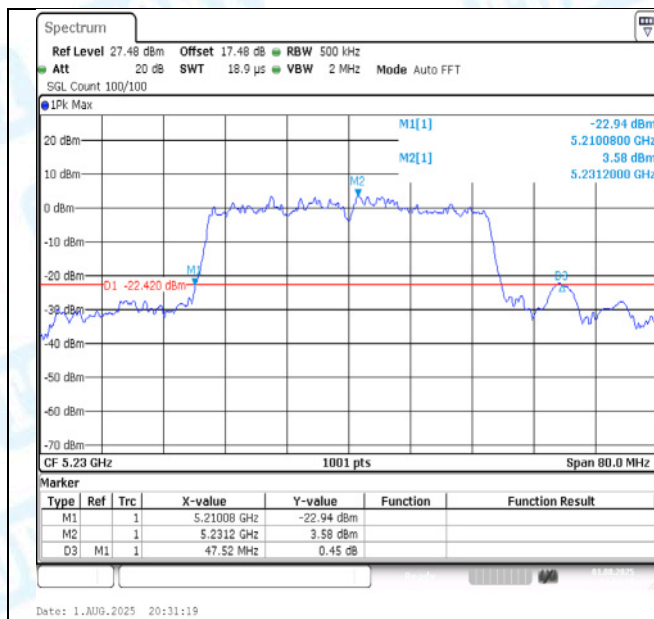
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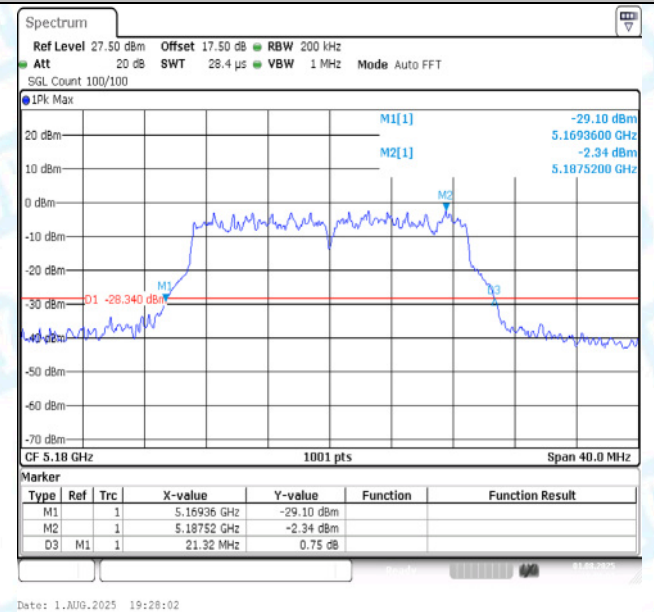
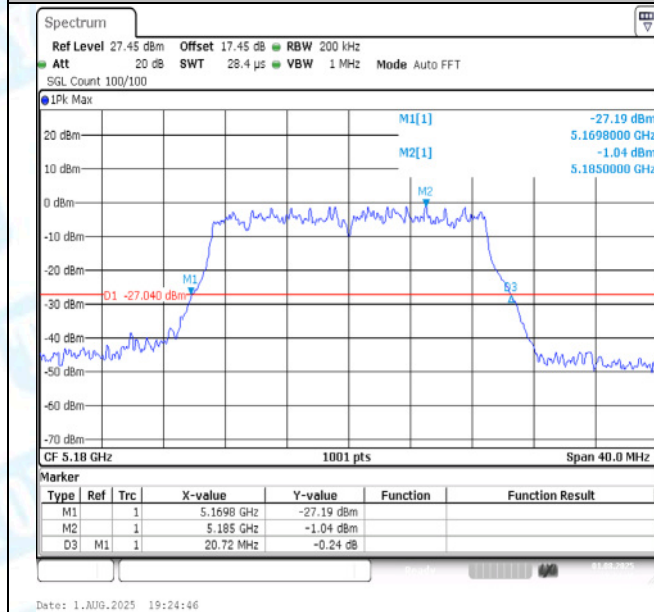
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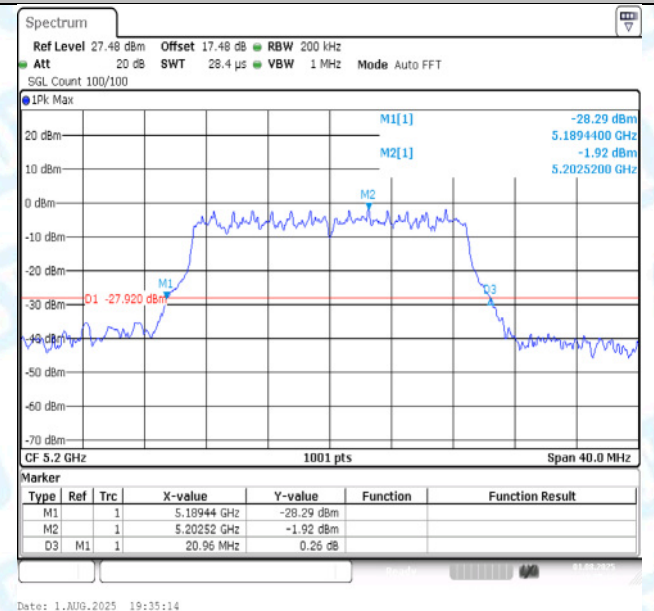
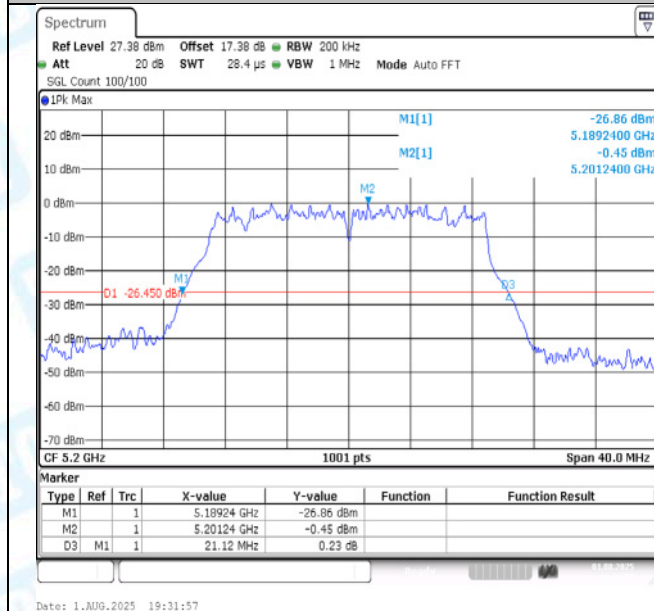
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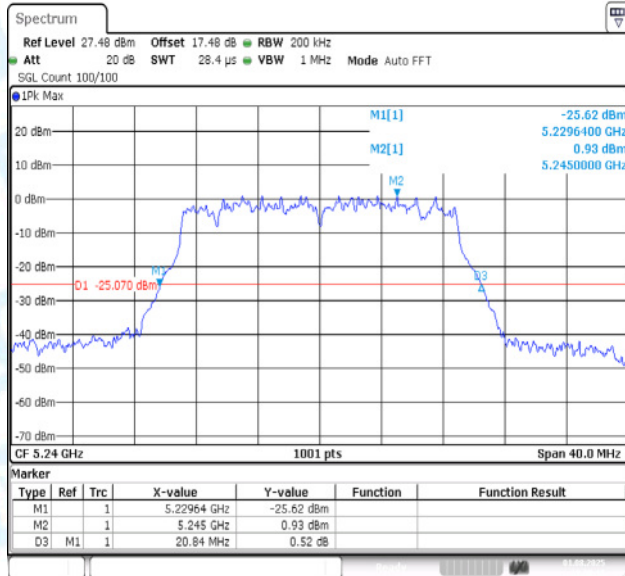


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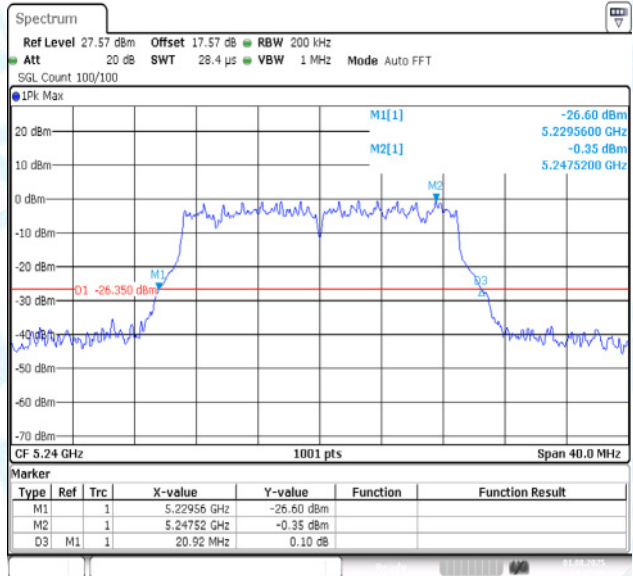


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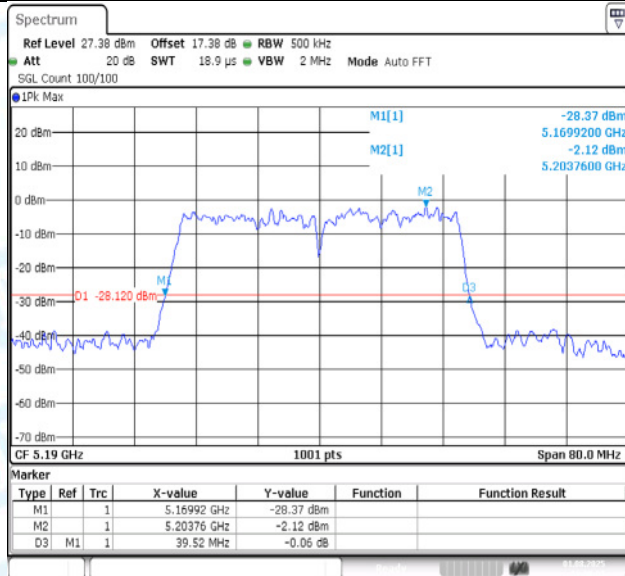
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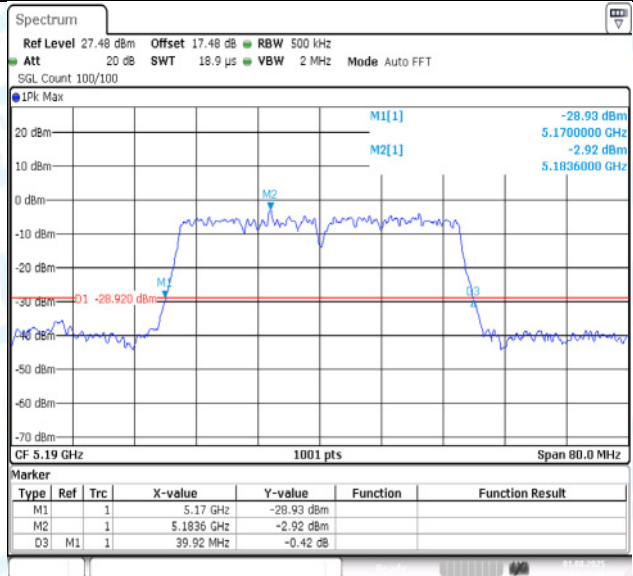
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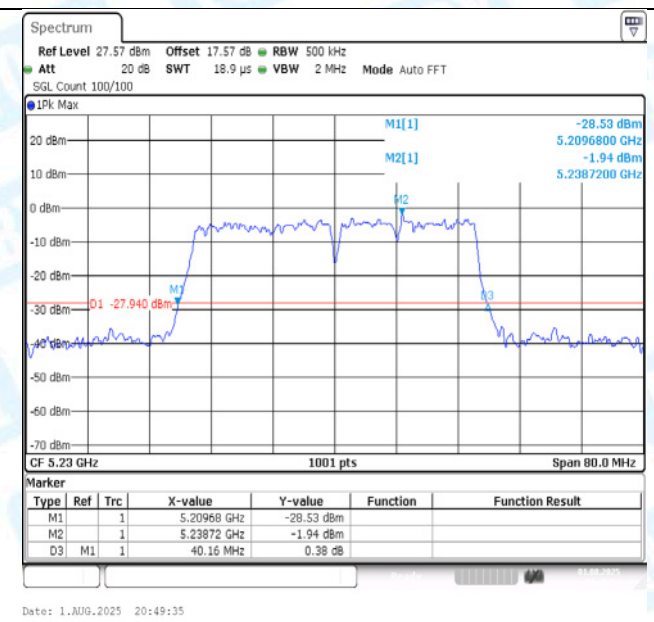
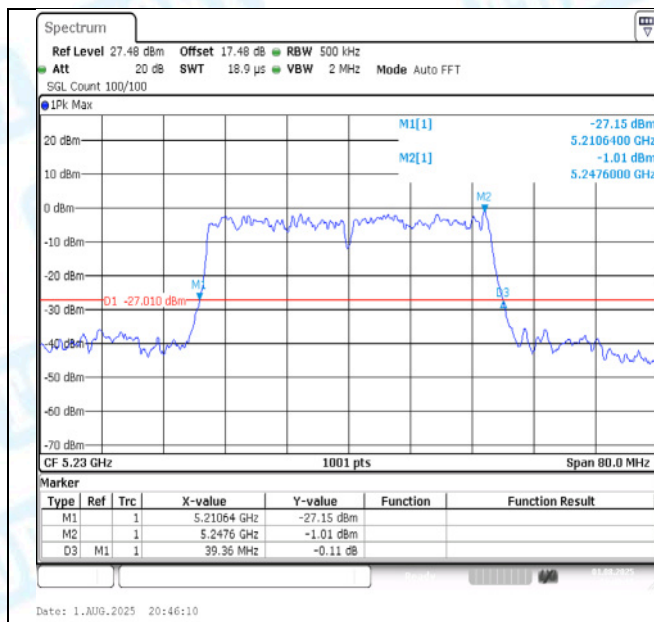
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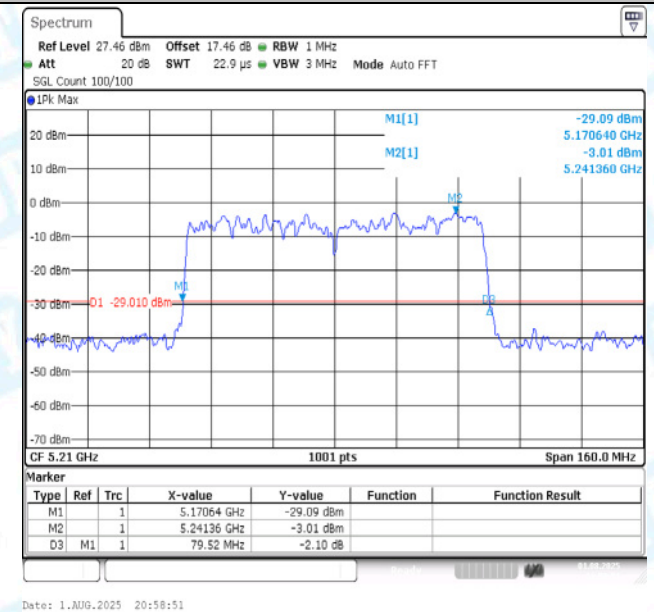
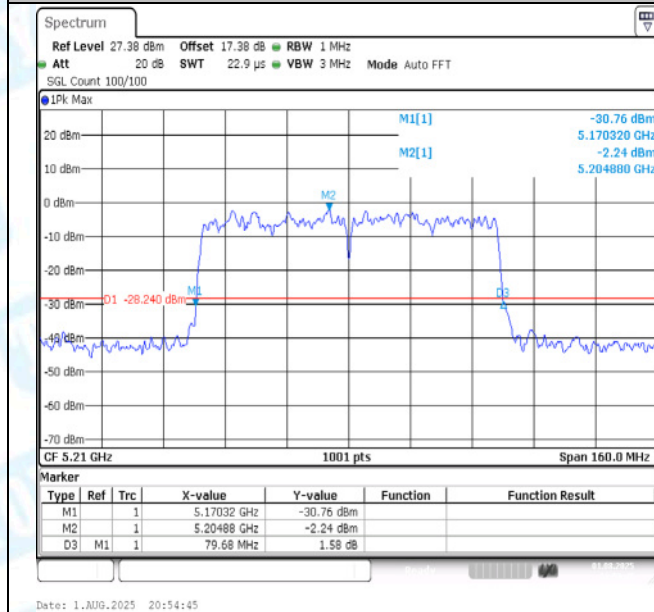
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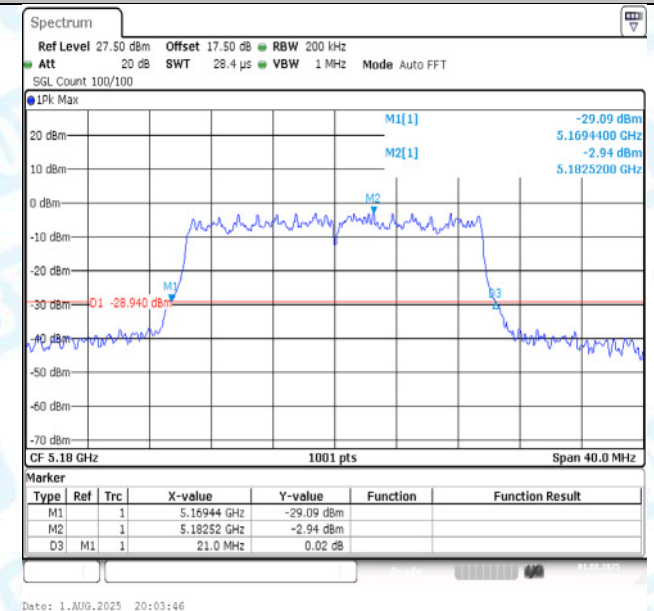
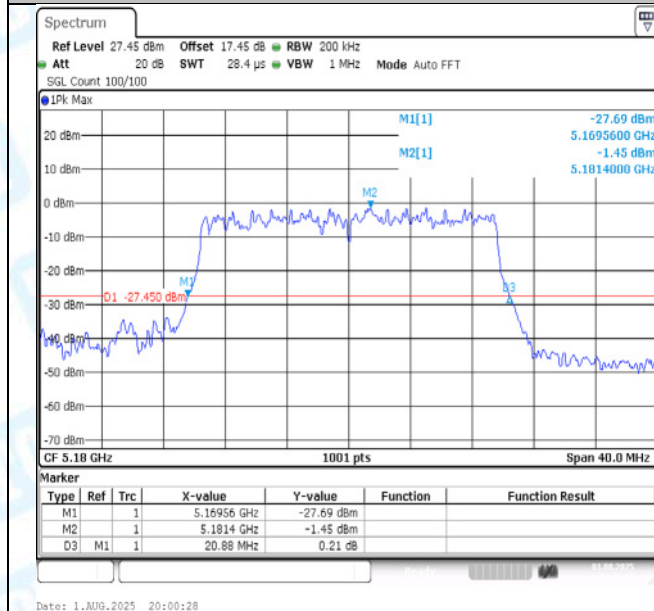
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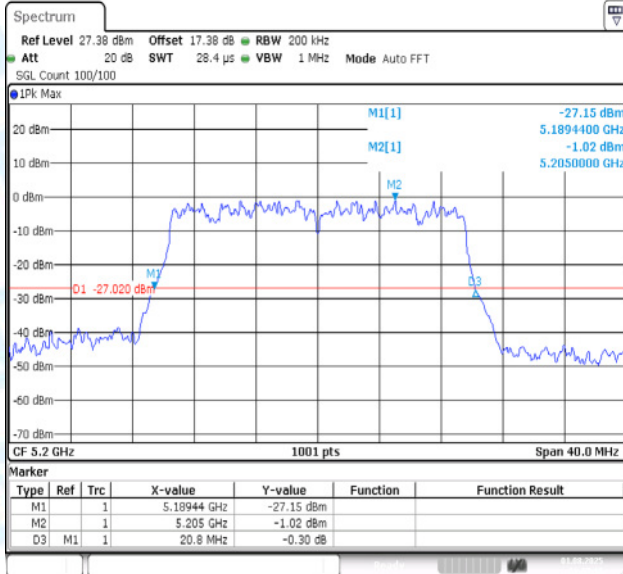


11AC80MIMO-Ant1-5210

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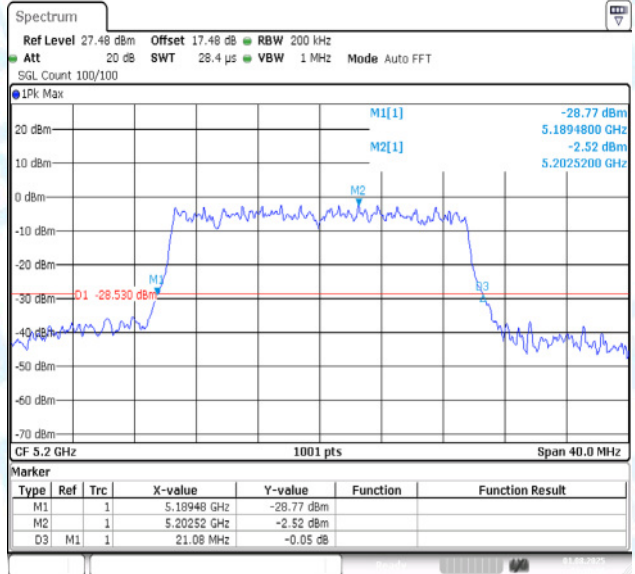


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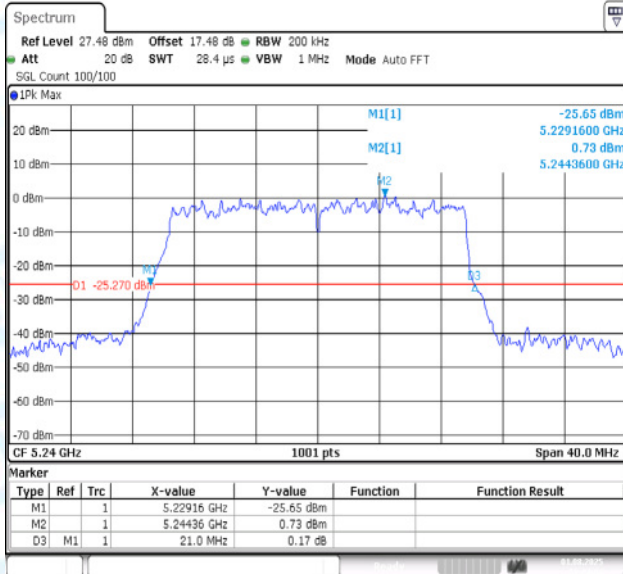
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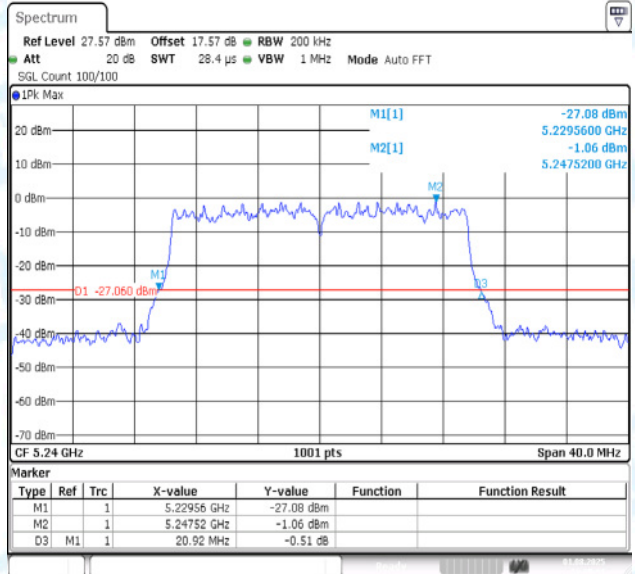
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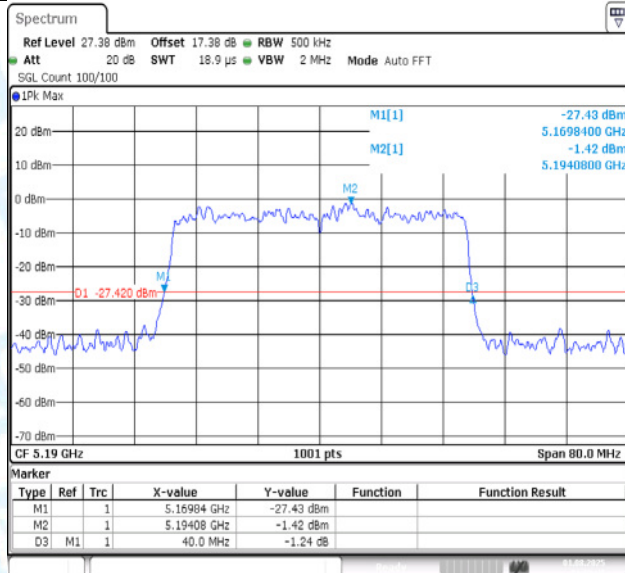
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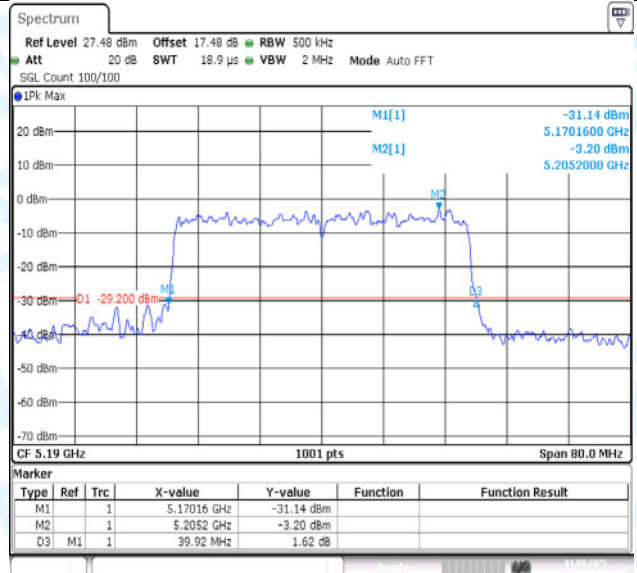
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11AX20MIMO-Ant2-5240



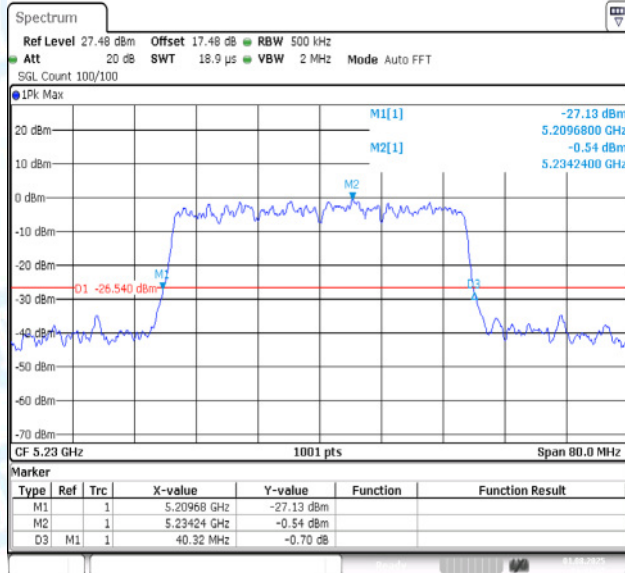
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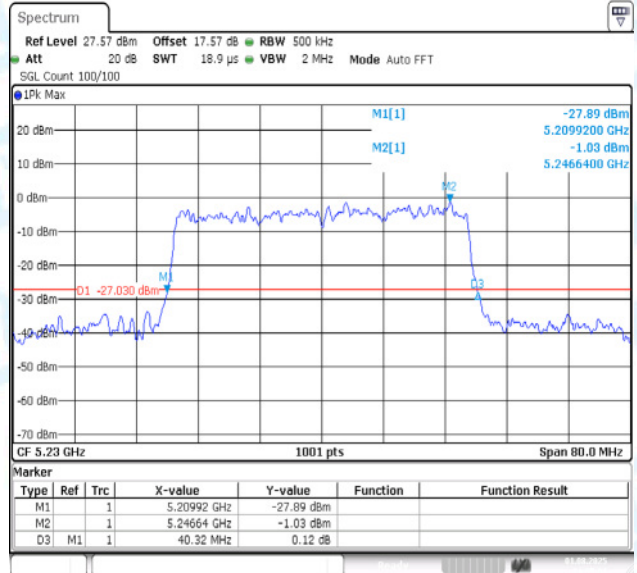
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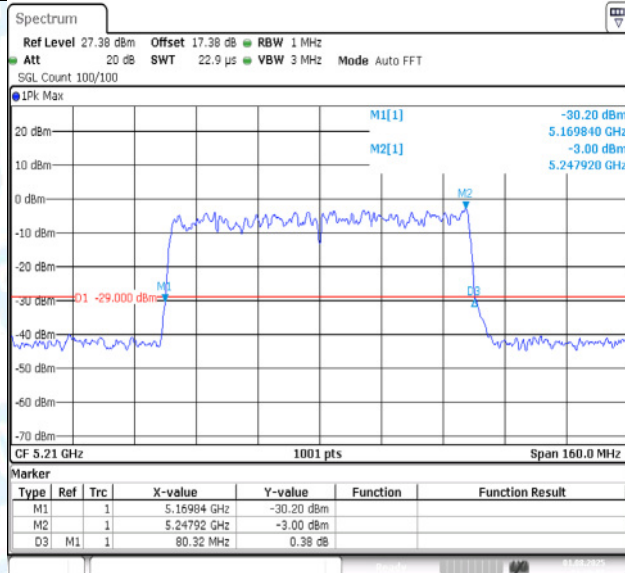
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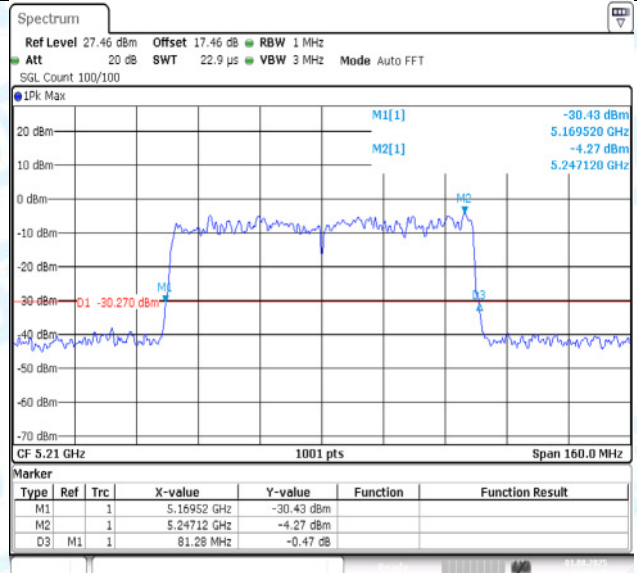


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11AX40MIMO-Ant2-5230



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Date: 1.AUG.2025 21:26:45

11AX80MIMO-Ant1-5210

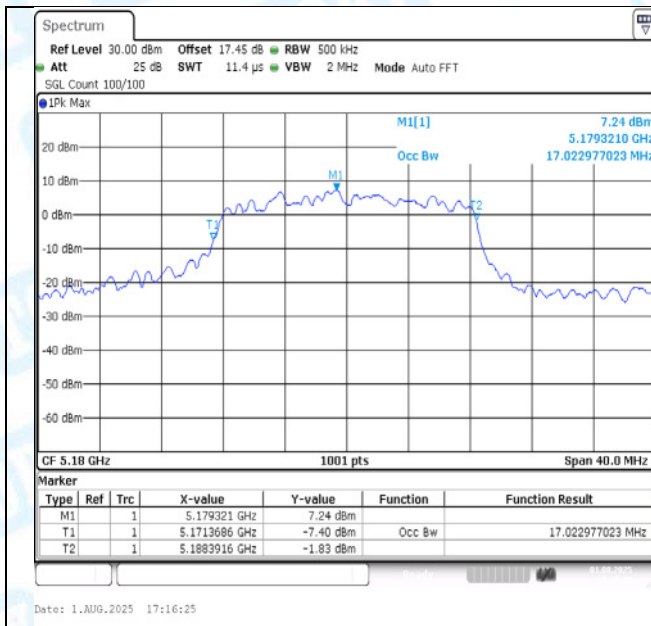
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2. Occupied channel bandwidth

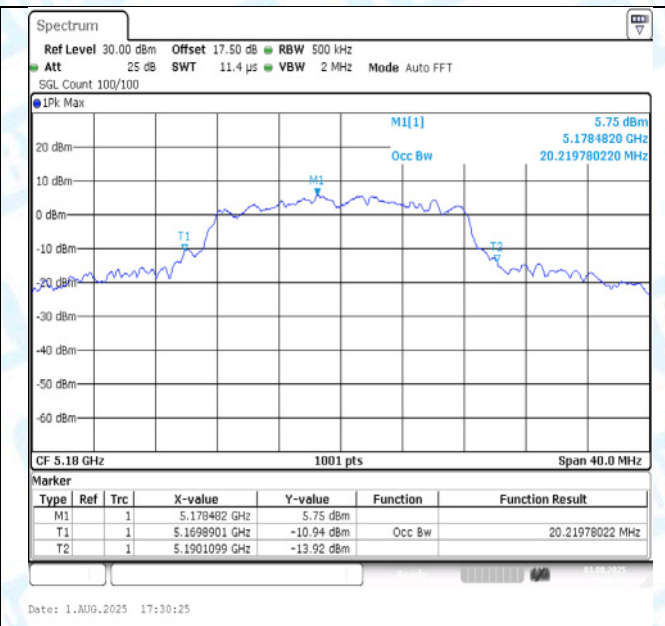
2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.023	5171.3686	5188.3916	---	---
11A-CDD	Ant2	5180	20.220	5169.8901	5190.1099	---	---
11A-CDD	Ant1	5200	17.463	5191.4086	5208.8711	---	---
11A-CDD	Ant2	5200	17.502	5191.2887	5208.7912	---	---
11A-CDD	Ant1	5240	17.782	5231.1688	5248.9510	---	---
11A-CDD	Ant2	5240	17.063	5231.4885	5248.5514	---	---
11N20-CDD	Ant1	5180	18.262	5170.9291	5189.1908	---	---
11N20-CDD	Ant2	5180	18.022	5170.9690	5188.9910	---	---
11N20-CDD	Ant1	5200	18.142	5191.0090	5209.1508	---	---
11N20-CDD	Ant2	5200	18.382	5191.0490	5209.4306	---	---
11N20-CDD	Ant1	5240	18.262	5230.8891	5249.1508	---	---
11N20-CDD	Ant2	5240	18.462	5230.9291	5249.3906	---	---
11N40-CDD	Ant1	5190	36.444	5171.8581	5208.3017	---	---
11N40-CDD	Ant2	5190	36.683	5171.8581	5208.5415	---	---
11N40-CDD	Ant1	5230	36.364	5211.8581	5248.2218	---	---
11N40-CDD	Ant2	5230	36.523	5211.8581	5248.3816	---	---
11AC20MIMO	Ant1	5180	17.702	5171.2088	5188.9111	---	---
11AC20MIMO	Ant2	5180	18.222	5170.8891	5189.1109	---	---
11AC20MIMO	Ant1	5200	17.982	5191.0889	5209.0709	---	---
11AC20MIMO	Ant2	5200	18.102	5190.8492	5208.9510	---	---
11AC20MIMO	Ant1	5240	17.982	5231.0490	5249.0310	---	---
11AC20MIMO	Ant2	5240	18.102	5230.9690	5249.0709	---	---
11AC40MIMO	Ant1	5190	36.523	5171.7782	5208.3017	---	---
11AC40MIMO	Ant2	5190	36.603	5171.7782	5208.3816	---	---
11AC40MIMO	Ant1	5230	36.523	5211.7782	5248.3017	---	---
11AC40MIMO	Ant2	5230	36.843	5211.7782	5248.6214	---	---
11AC80MIMO	Ant1	5210	76.244	5172.1179	5248.3616	---	---
11AC80MIMO	Ant2	5210	76.244	5172.1179	5248.3616	---	---
11AX20MIMO	Ant1	5180	19.221	5170.4496	5189.6703	---	---
11AX20MIMO	Ant2	5180	19.181	5170.4496	5189.6304	---	---
11AX20MIMO	Ant1	5200	19.221	5190.3297	5209.5504	---	---
11AX20MIMO	Ant2	5200	19.101	5190.4496	5209.5504	---	---
11AX20MIMO	Ant1	5240	19.101	5230.4895	5249.5904	---	---
11AX20MIMO	Ant2	5240	19.141	5230.4496	5249.5904	---	---
11AX40MIMO	Ant1	5190	37.483	5171.2987	5208.7812	---	---
11AX40MIMO	Ant2	5190	37.642	5171.2188	5208.8611	---	---
11AX40MIMO	Ant1	5230	37.962	5211.0589	5249.0210	---	---
11AX40MIMO	Ant2	5230	37.642	5211.1389	5248.7812	---	---
11AX80MIMO	Ant1	5210	77.682	5171.4785	5249.1608	---	---
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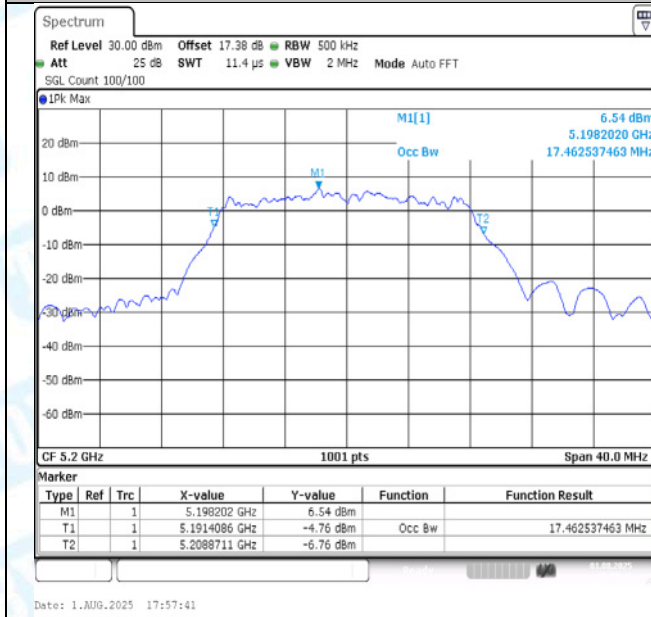
2.2 Test Graphs



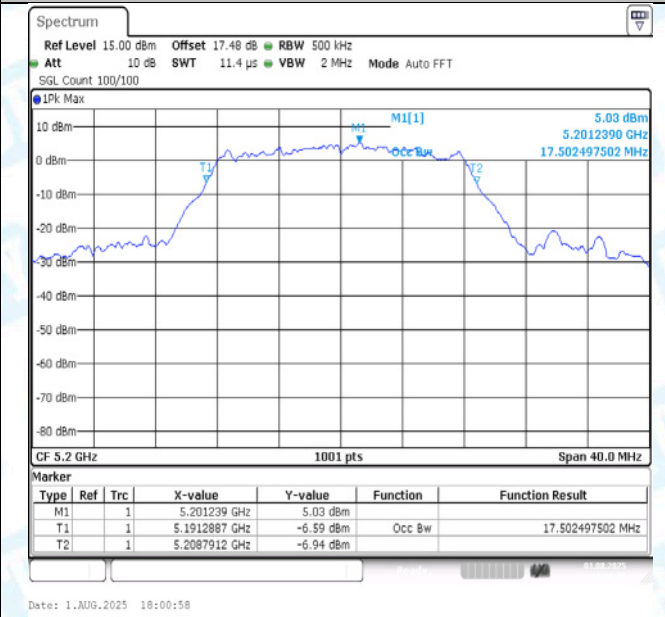
11A-CDD-Ant1-5180



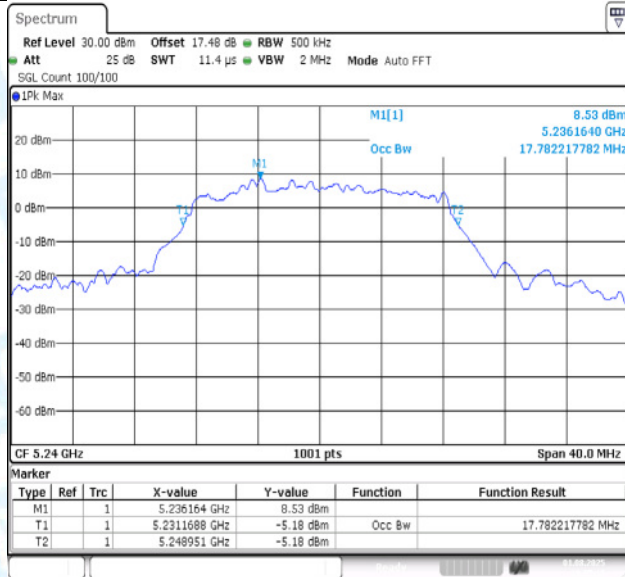
11A-CDD-Ant2-5180



11A-CDD-Ant1-5200

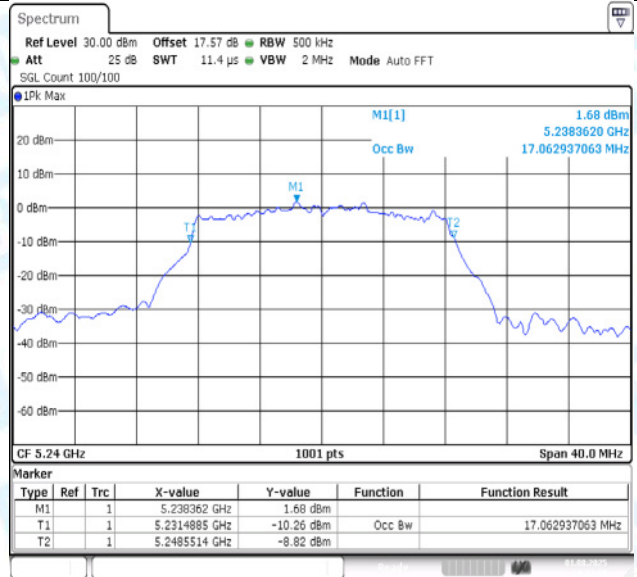


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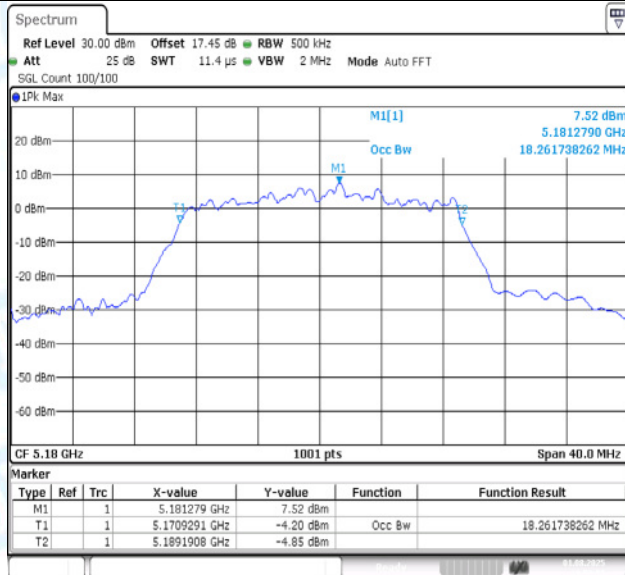
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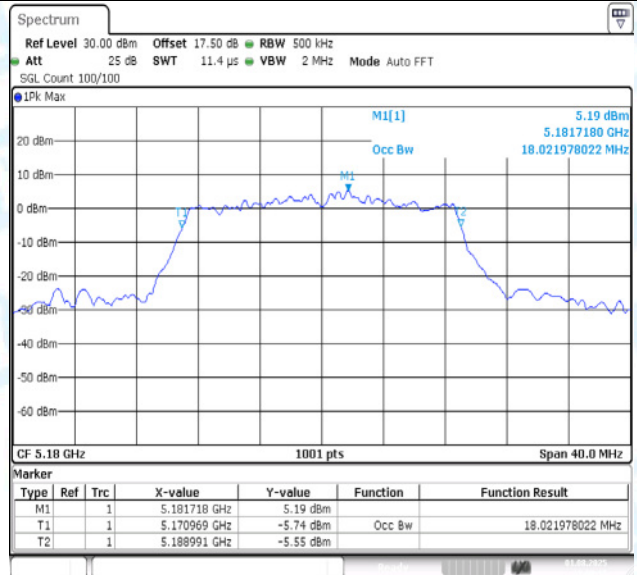
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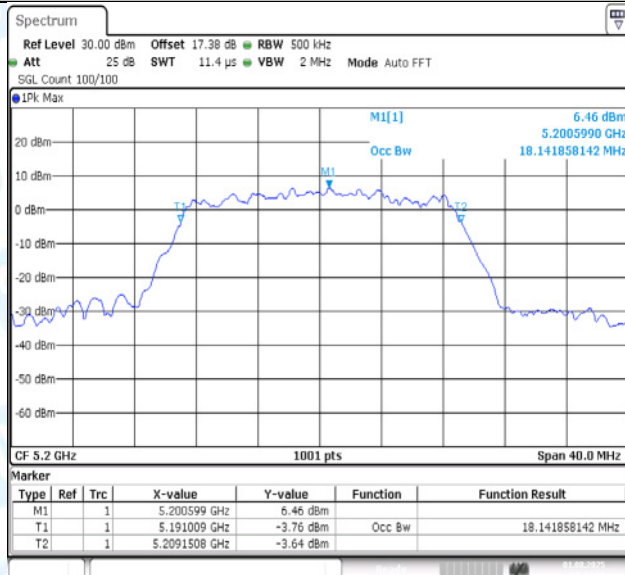
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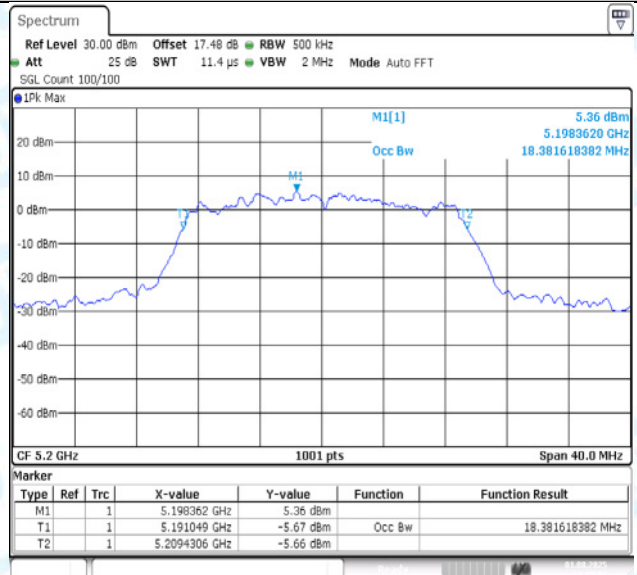


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11N20-CDD-Ant2-5180

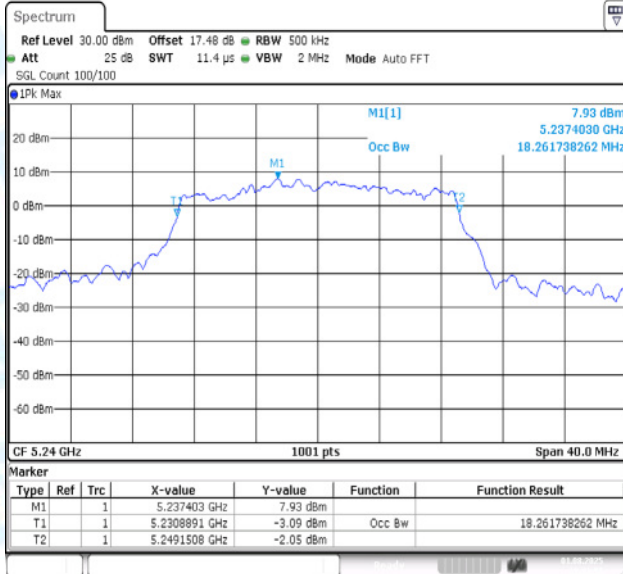


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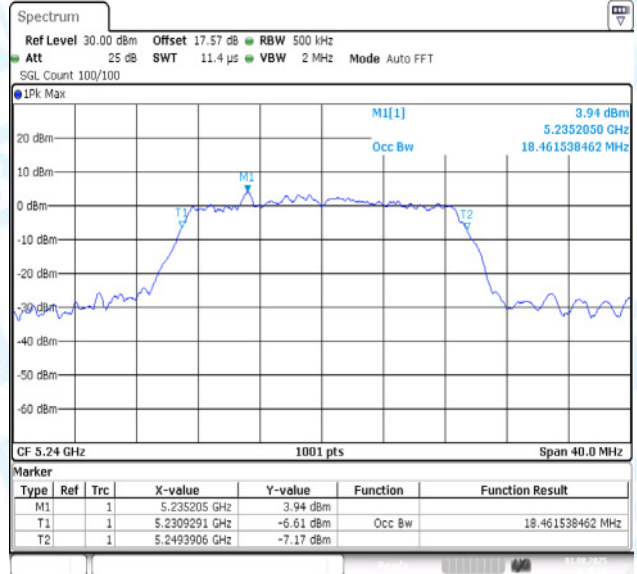


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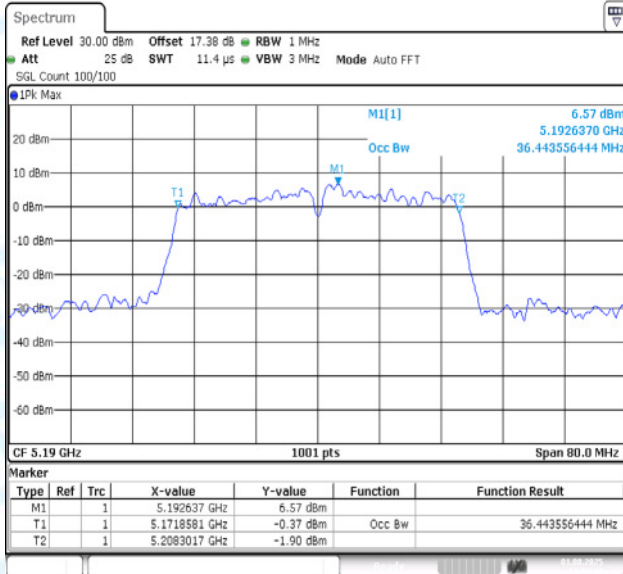
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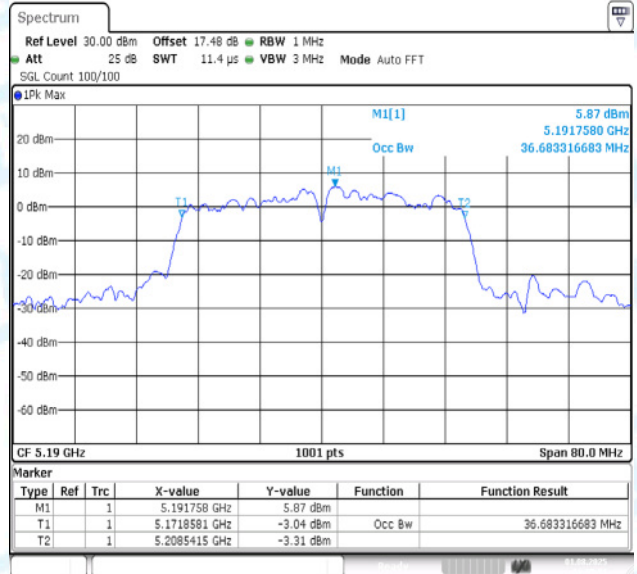
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11N20-CDD-Ant1-5240

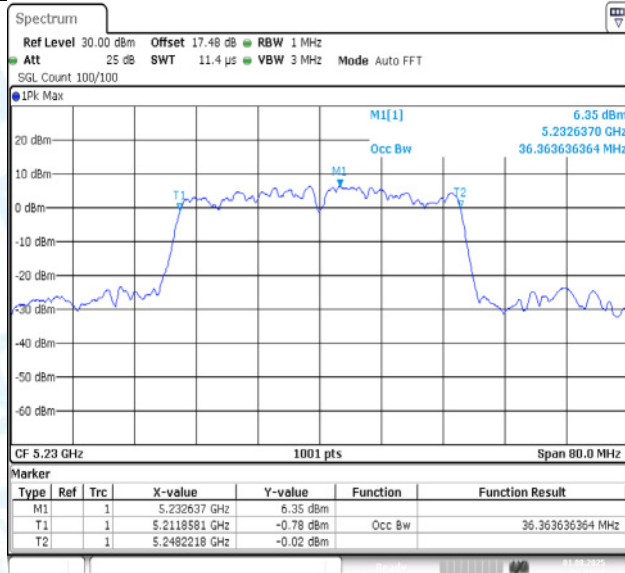


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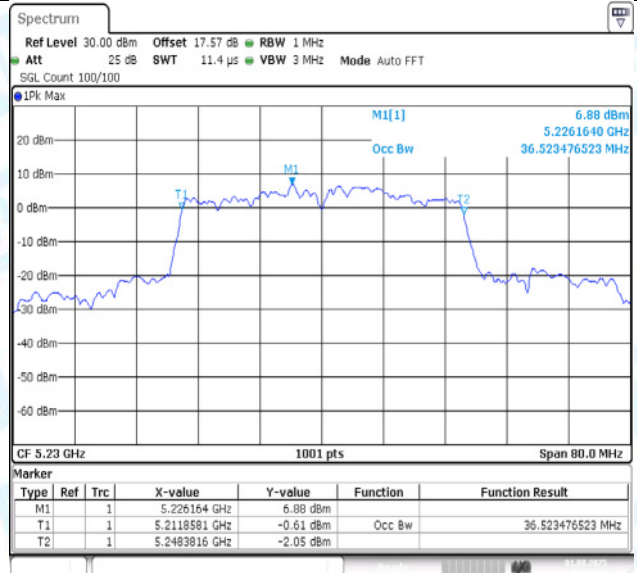
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11N40-CDD-Ant2-5190



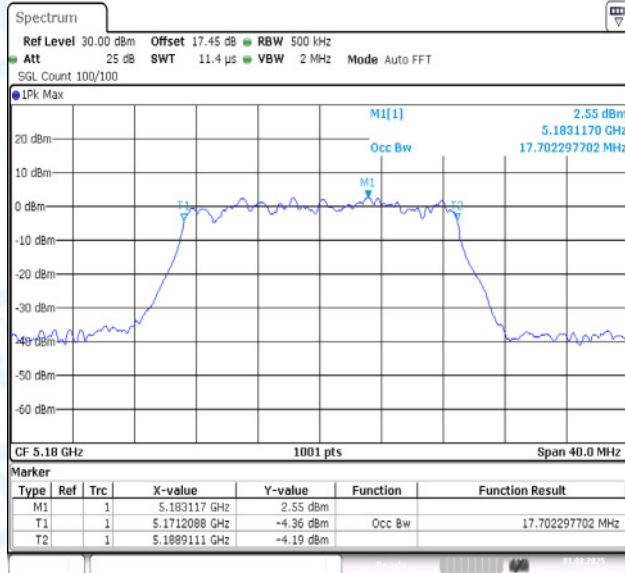
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11N40-CDD-Ant1-5230



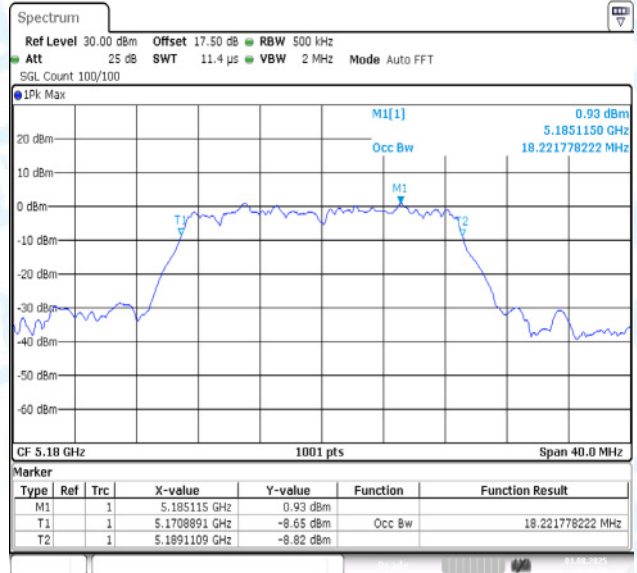
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11N40-CDD-Ant2-5230



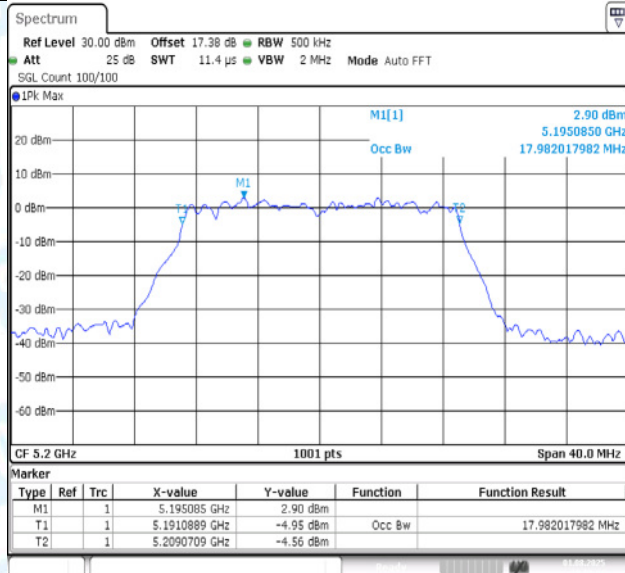
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11AC20MIMO-Ant1-5180

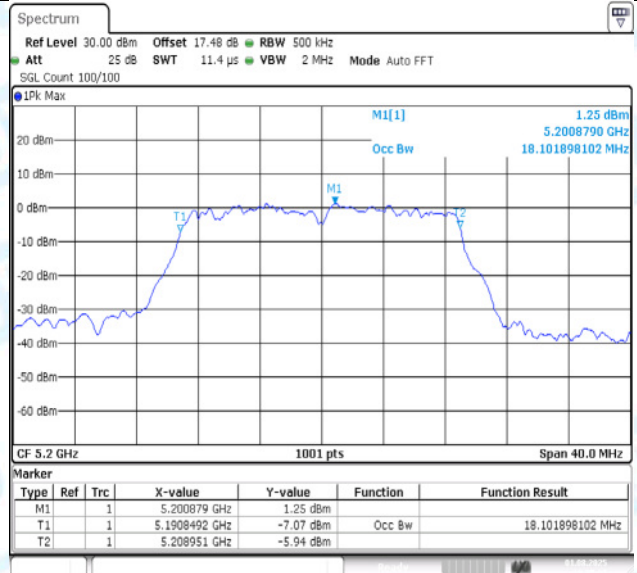


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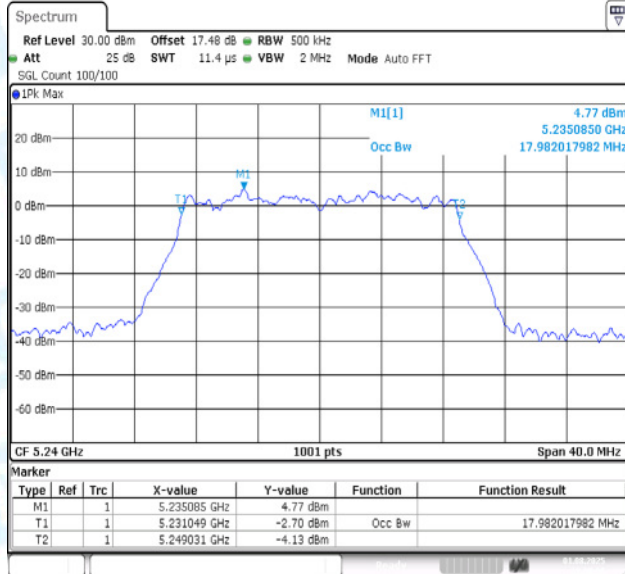


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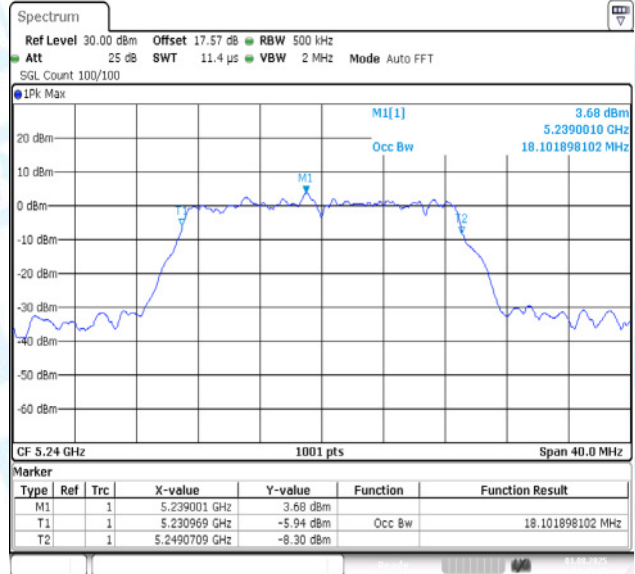
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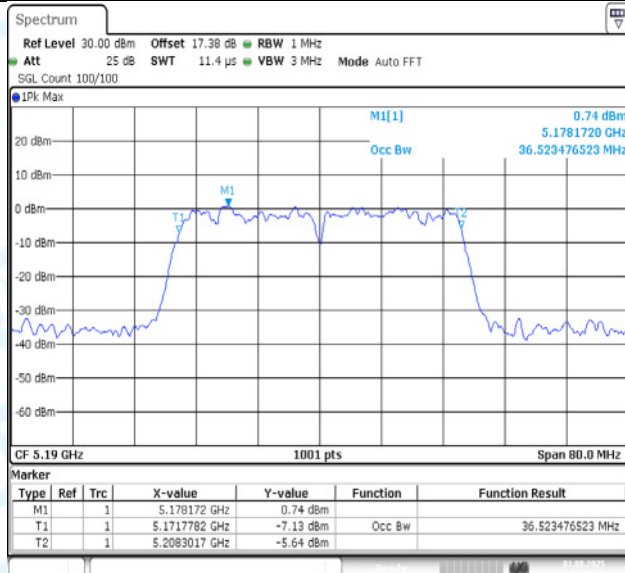
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11AC20MIMO-Ant2-5200



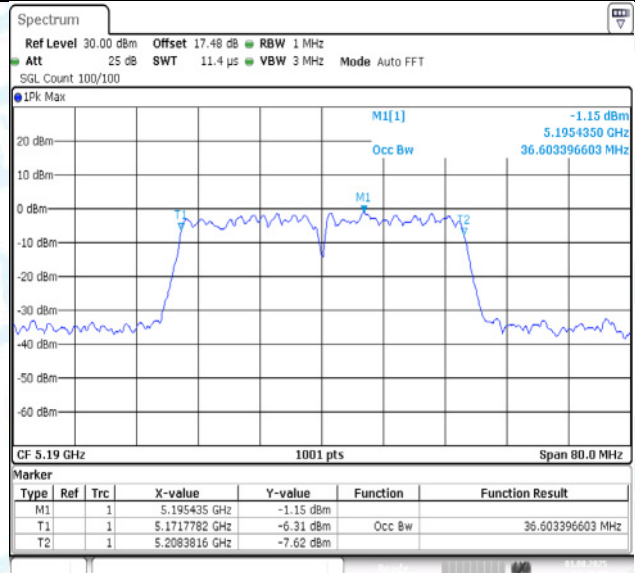
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11AC20MIMO-Ant1-5240



Date: 1.AUG.2025 20:39:12

11AC20MIMO-Ant2-5240



Date: 1.AUG.2025 20:42:35

11AC40MIMO-Ant1-5190

11AC40MIMO-Ant2-5190