

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

General Description of EUT	
EUT Name:	ORBIT Trio Pro
Model:	ORBIT Trio Pro/KR1516
Sample ID:	HC-C-202506-0212-02-02#
Environmental Conditions	
Ambient Temperature:	24℃
Ambient Humidity:	49%RH
Test Power Supply:	DC 3.8V
Test Engineer:	Lily Zhang
Note: For a more detailed features description, please refer to the report TBR-C-202506-0212-81 The report only show the worst case data.	

Contents

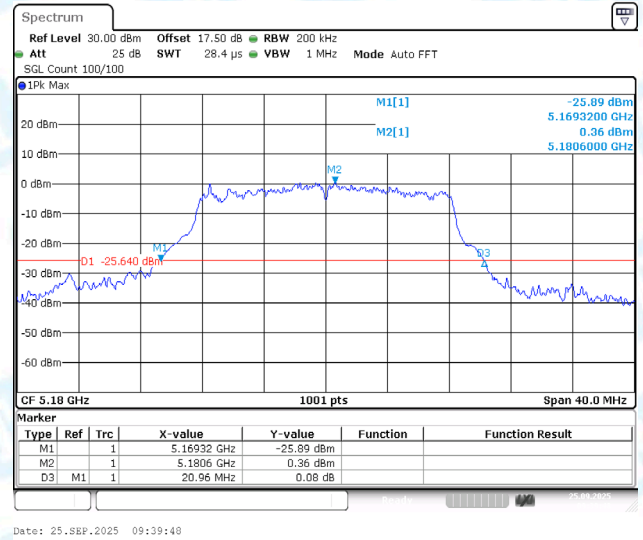
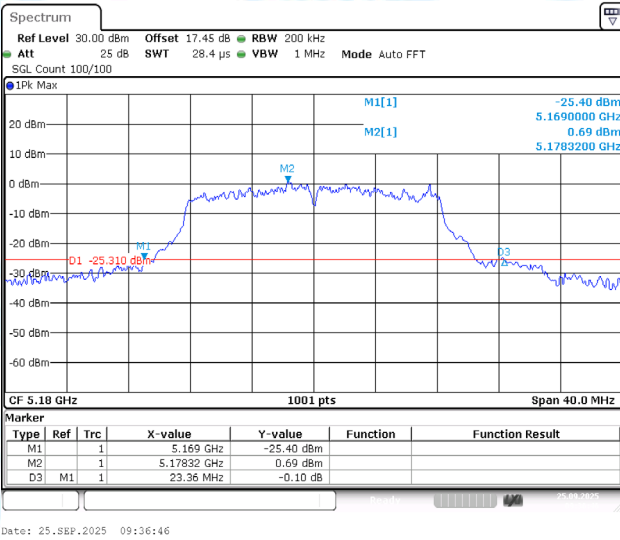
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1. Emission Bandwidth

1.1 Test Result

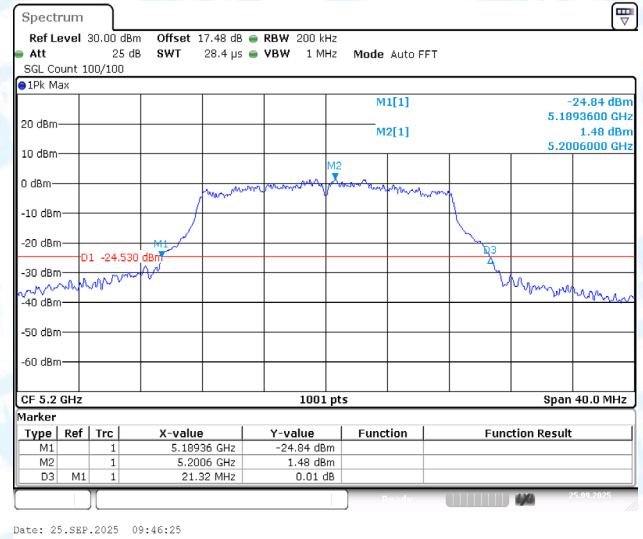
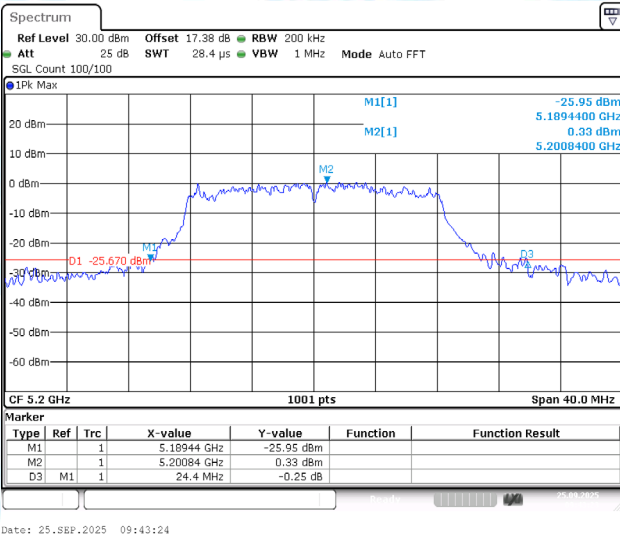
TestMode	Antenna	Frequency[MHz]	26dB EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	23.36	5169.00	5192.36	---	---
11A-CDD	Ant2	5180	20.96	5169.32	5190.28	---	---
11A-CDD	Ant1	5200	24.40	5189.44	5213.84	---	---
11A-CDD	Ant2	5200	21.32	5189.36	5210.68	---	---
11A-CDD	Ant1	5240	21.28	5229.24	5250.52	---	---
11A-CDD	Ant2	5240	21.76	5229.04	5250.80	---	---
11N20MIMO	Ant1	5180	23.12	5169.20	5192.32	---	---
11N20MIMO	Ant2	5180	21.16	5169.44	5190.60	---	---
11N20MIMO	Ant1	5200	21.28	5189.36	5210.64	---	---
11N20MIMO	Ant2	5200	21.16	5189.52	5210.68	---	---
11N20MIMO	Ant1	5240	21.84	5229.12	5250.96	---	---
11N20MIMO	Ant2	5240	21.24	5229.20	5250.44	---	---
11N40MIMO	Ant1	5190	51.76	5169.60	5221.36	---	---
11N40MIMO	Ant2	5190	39.92	5169.84	5209.76	---	---
11N40MIMO	Ant1	5230	39.92	5210.16	5250.08	---	---
11N40MIMO	Ant2	5230	40.48	5209.84	5250.32	---	---
11AC20MIMO	Ant1	5180	20.96	5169.68	5190.64	---	---
11AC20MIMO	Ant2	5180	18.76	5170.32	5189.08	---	---
11AC20MIMO	Ant1	5200	21.24	5189.20	5210.44	---	---
11AC20MIMO	Ant2	5200	17.84	5191.28	5209.12	---	---
11AC20MIMO	Ant1	5240	21.40	5229.24	5250.64	---	---
11AC20MIMO	Ant2	5240	18.88	5230.32	5249.20	---	---
11AC40MIMO	Ant1	5190	40.88	5169.28	5210.16	---	---
11AC40MIMO	Ant2	5190	38.96	5170.48	5209.44	---	---
11AC40MIMO	Ant1	5230	40.16	5210.08	5250.24	---	---
11AC40MIMO	Ant2	5230	39.28	5210.48	5249.76	---	---
11AC80MIMO	Ant1	5210	80.16	5170.00	5250.16	---	---
11AC80MIMO	Ant2	5210	79.84	5170.32	5250.16	---	---
11AX20MIMO	Ant1	5180	21.20	5169.44	5190.64	---	---
11AX20MIMO	Ant2	5180	20.84	5169.60	5190.44	---	---
11AX20MIMO	Ant1	5200	21.00	5189.44	5210.44	---	---
11AX20MIMO	Ant2	5200	21.00	5189.52	5210.52	---	---
11AX20MIMO	Ant1	5240	20.88	5229.64	5250.52	---	---
11AX20MIMO	Ant2	5240	20.76	5229.64	5250.40	---	---
11AX40MIMO	Ant1	5190	39.68	5170.24	5209.92	---	---
11AX40MIMO	Ant2	5190	40.32	5169.84	5210.16	---	---
11AX40MIMO	Ant1	5230	40.16	5209.92	5250.08	---	---
11AX40MIMO	Ant2	5230	40.32	5209.76	5250.08	---	---
11AX80MIMO	Ant1	5210	81.76	5169.36	5251.12	---	---
11AX80MIMO	Ant2	5210	80.32	5169.68	5250.00	---	---

1.2 Test Graphs



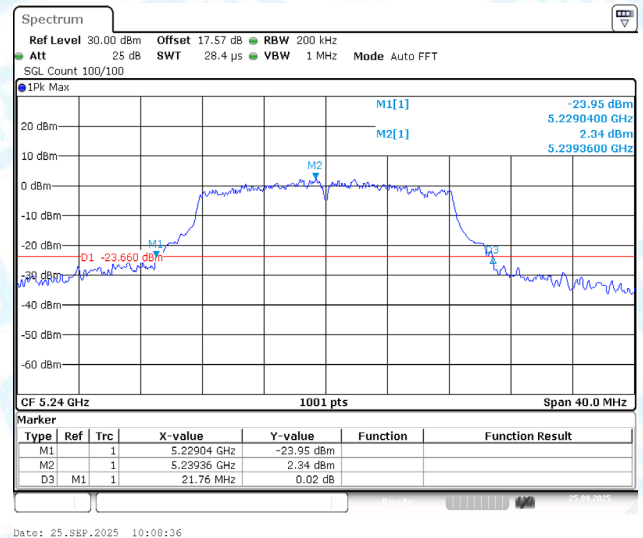
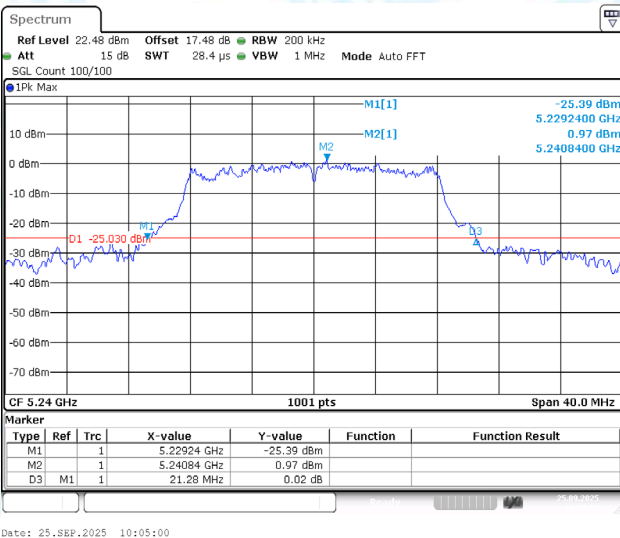
11A-CDD-Ant1-5180

11A-CDD-Ant2-5180



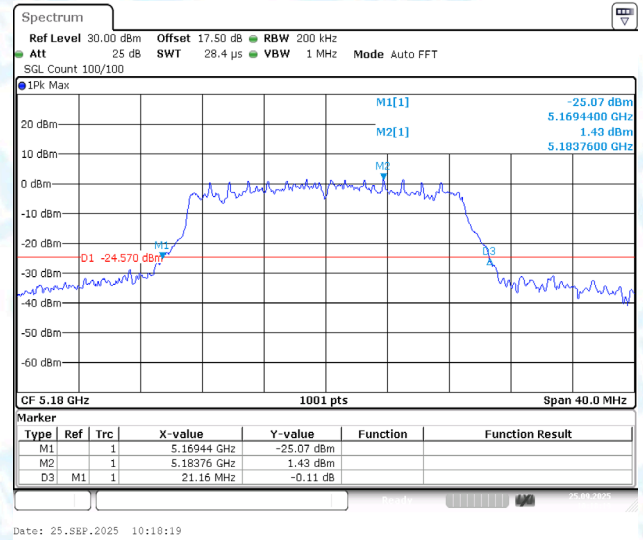
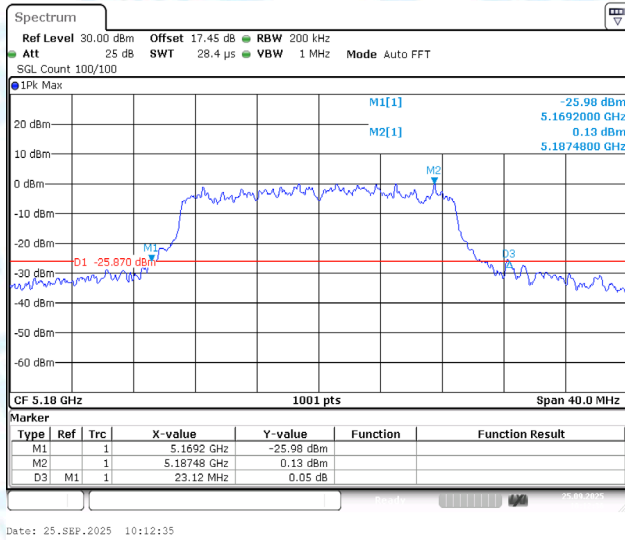
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11A-CDD-Ant2-5200



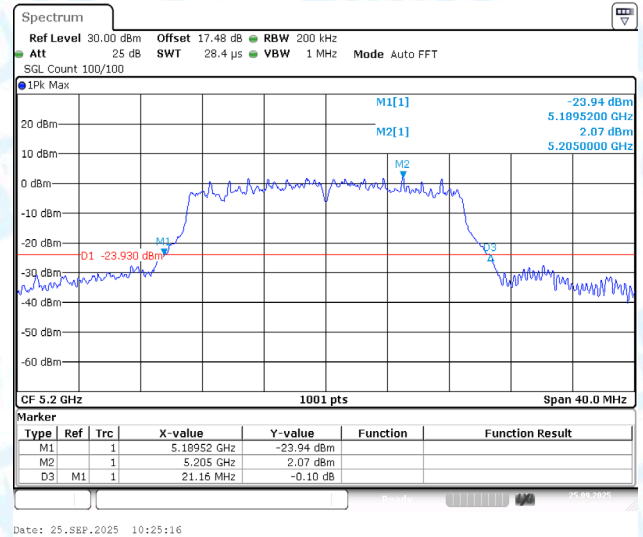
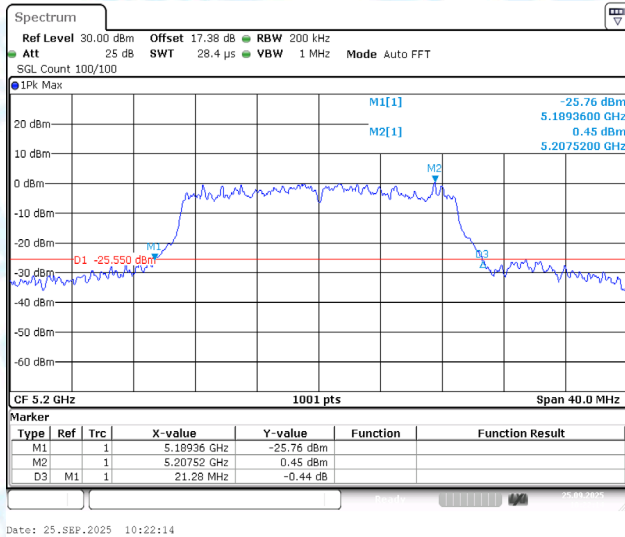
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11A-CDD-Ant2-5240



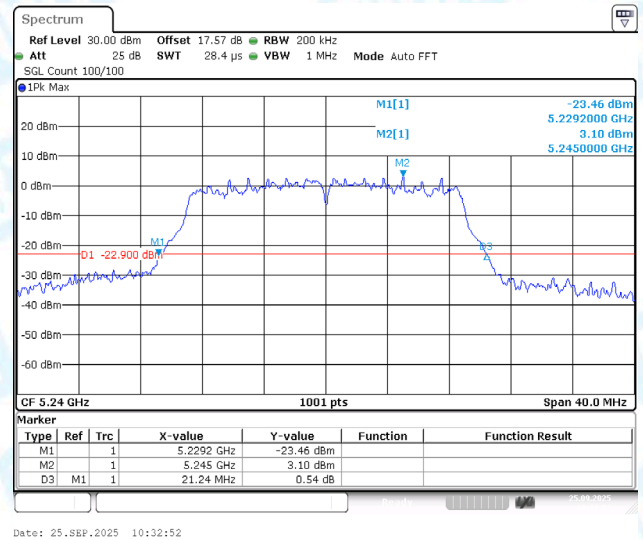
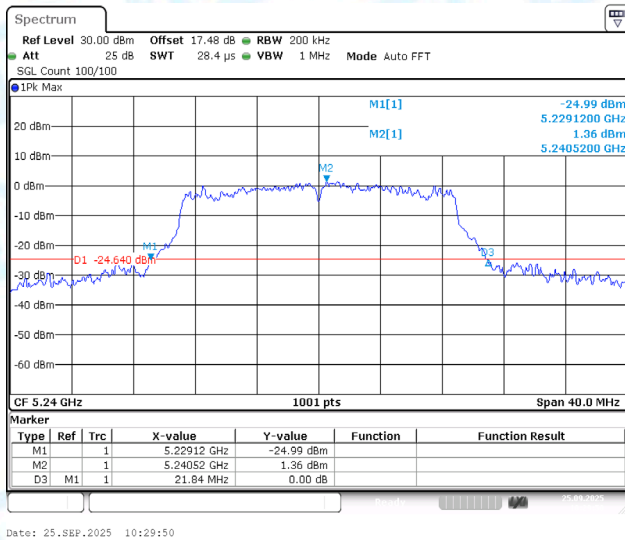
11N20MIMO-Ant1-5180

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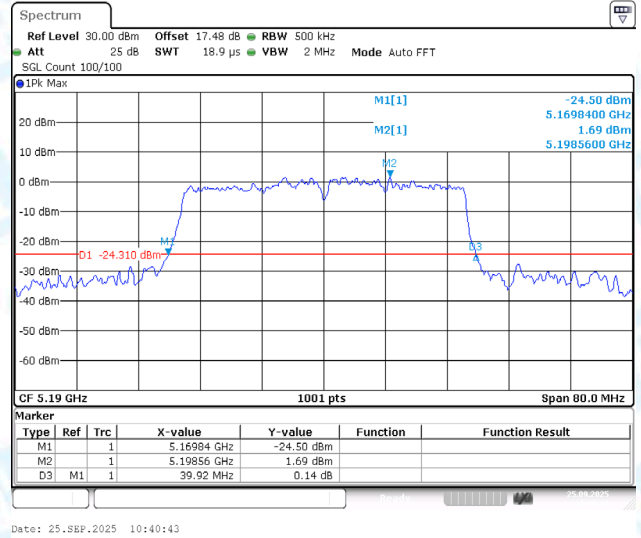
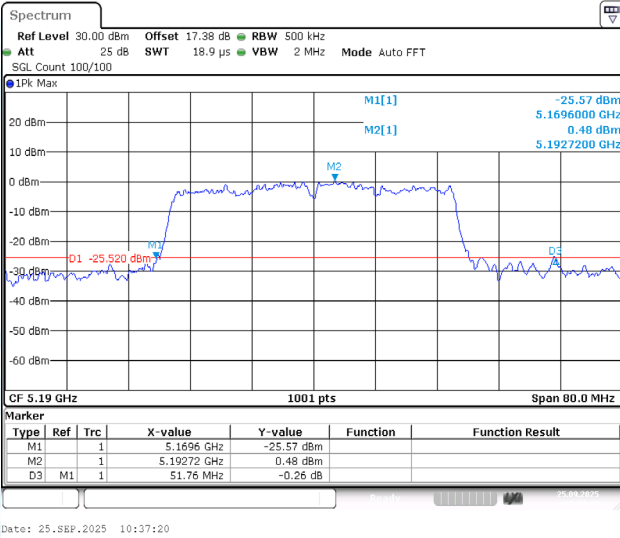
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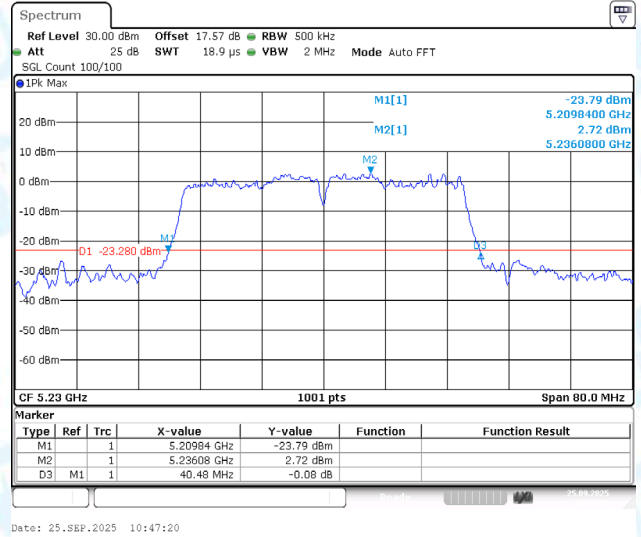
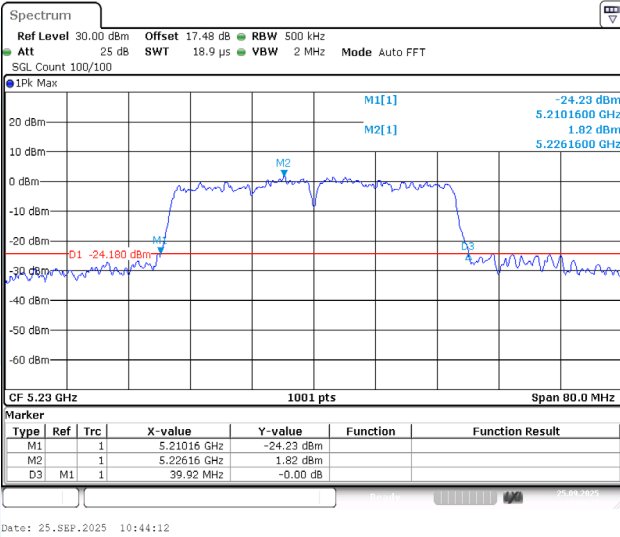
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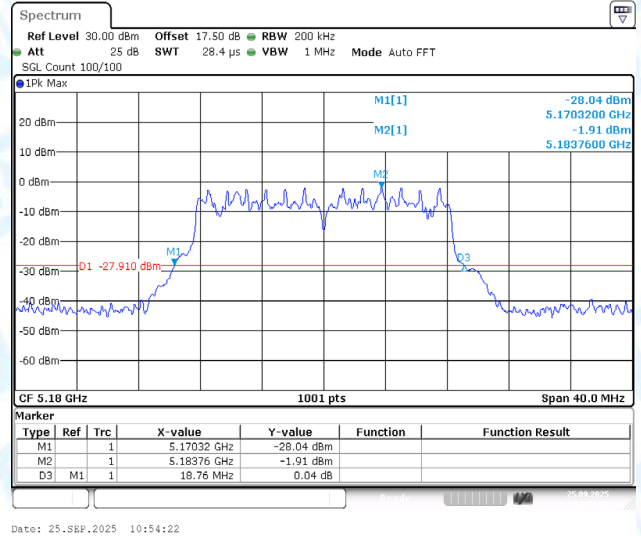
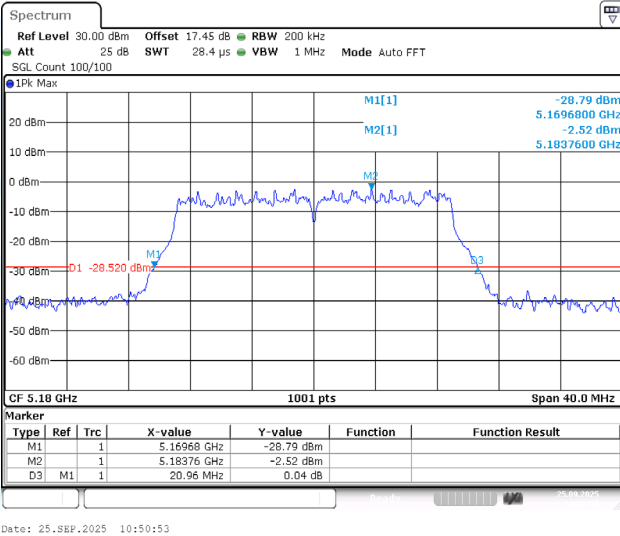
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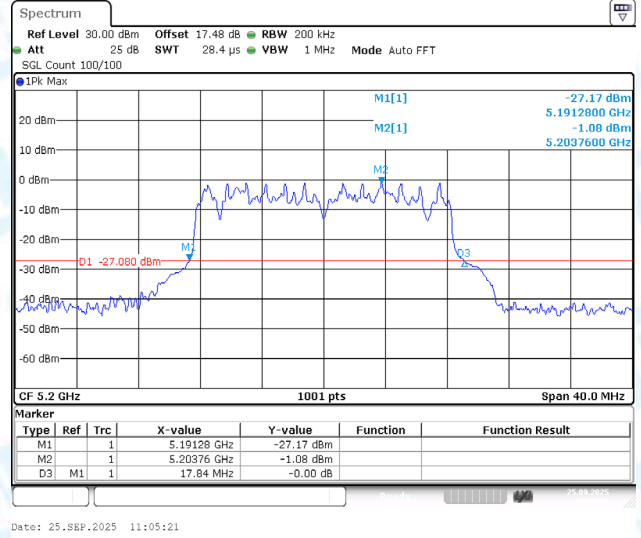
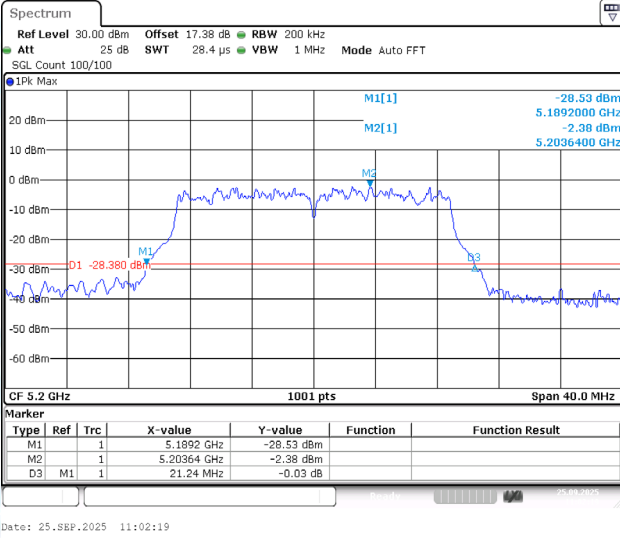
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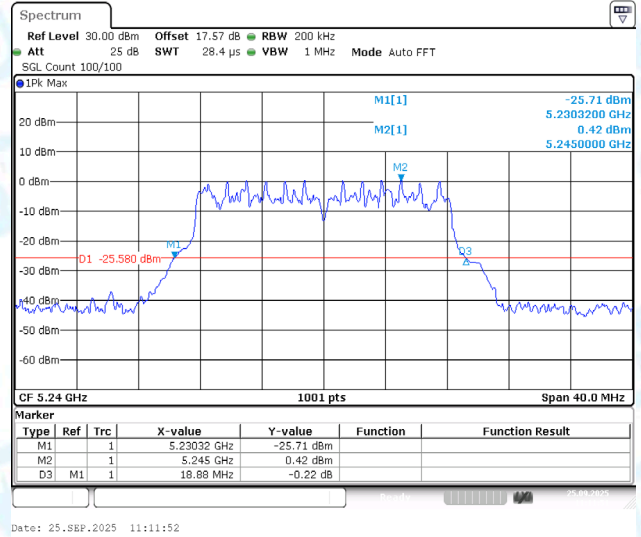
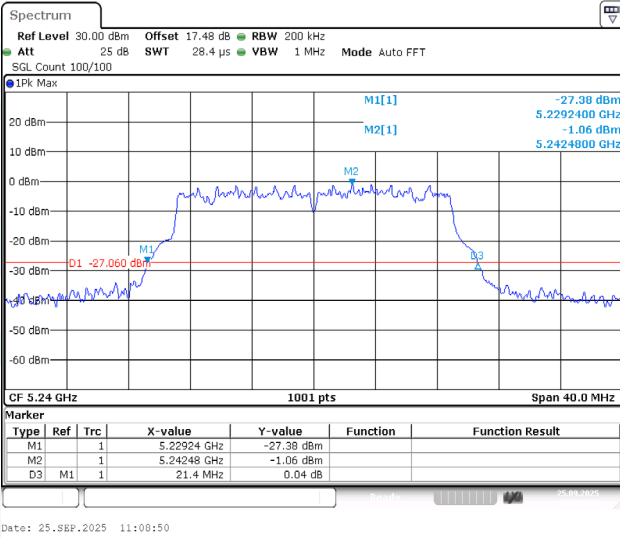
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11AC20MIMO-Ant2-5180



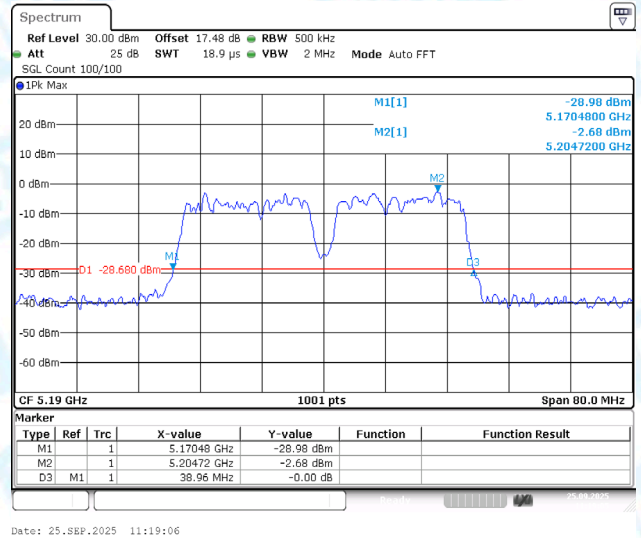
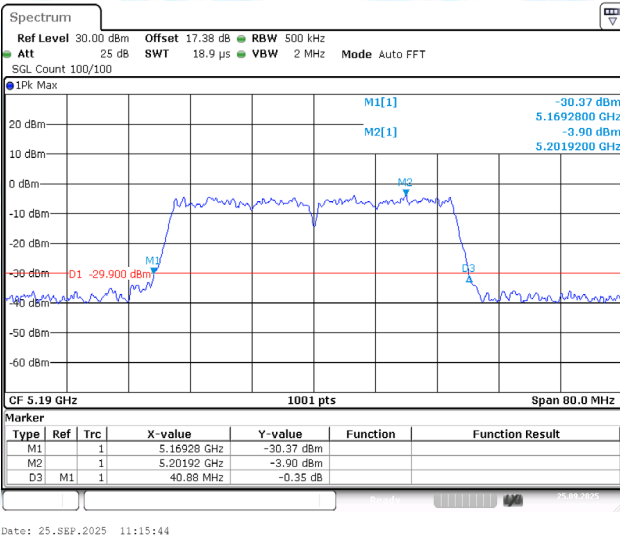
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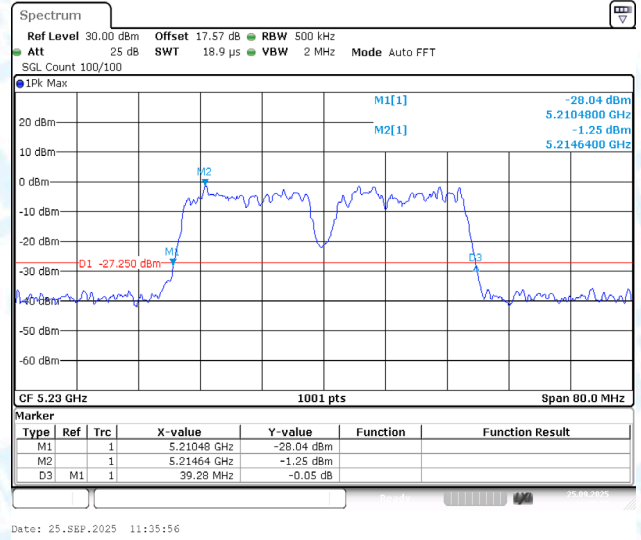
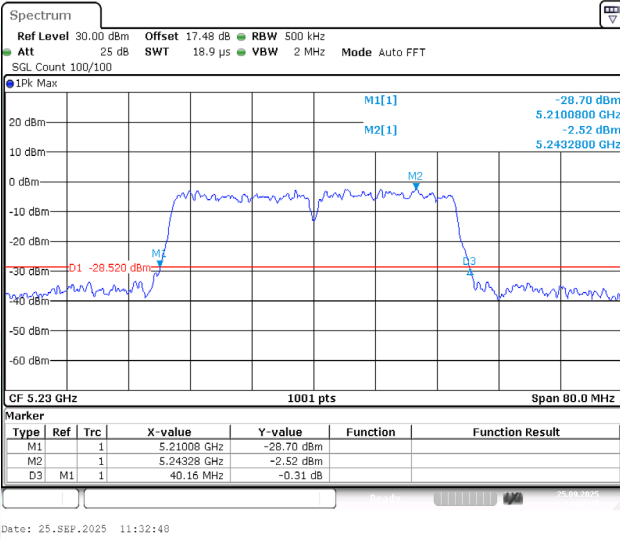
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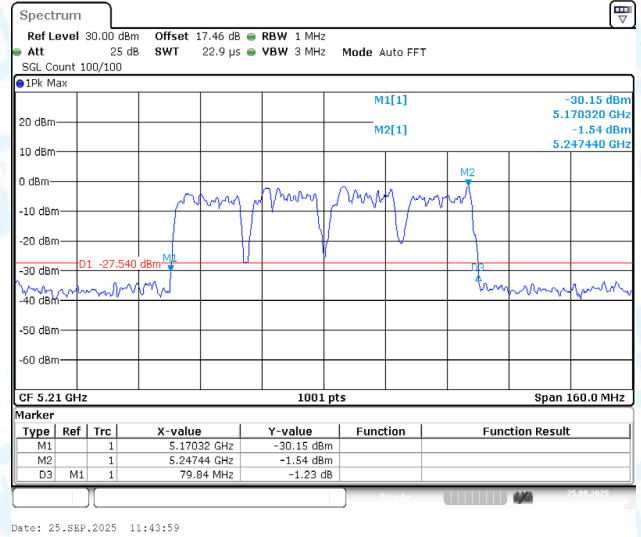
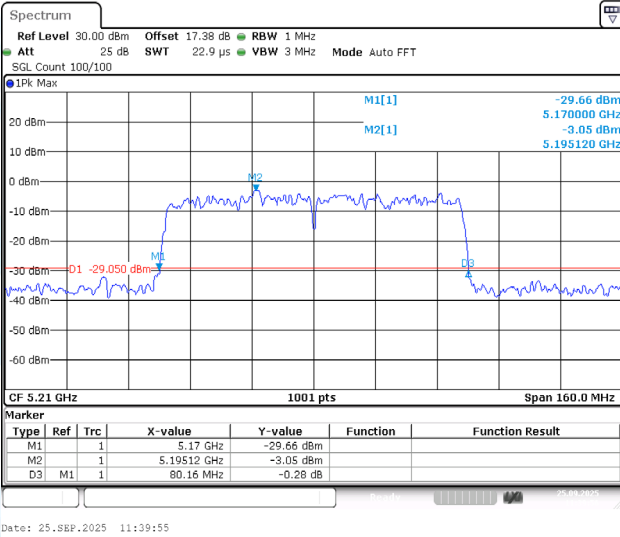
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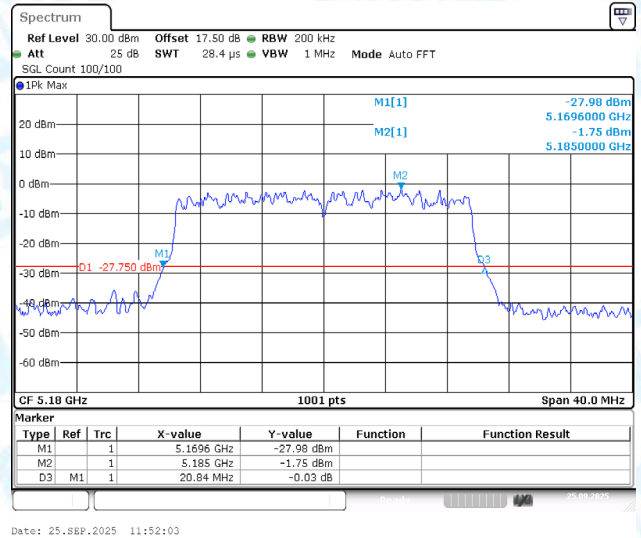
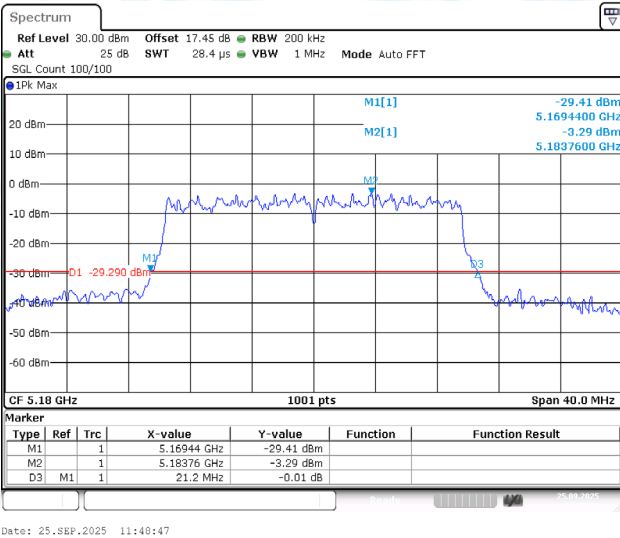
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11AC40MIMO-Ant2-5230



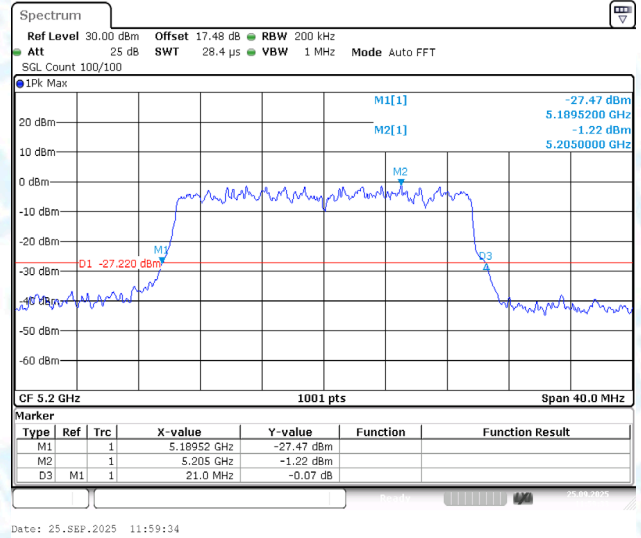
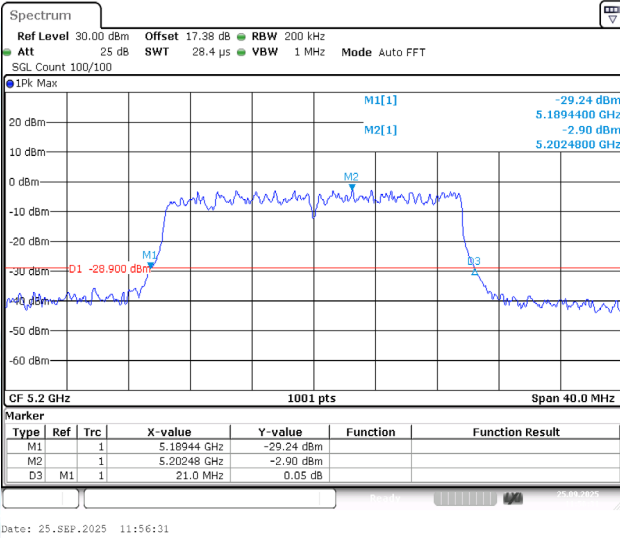
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11AC80MIMO-Ant2-5210



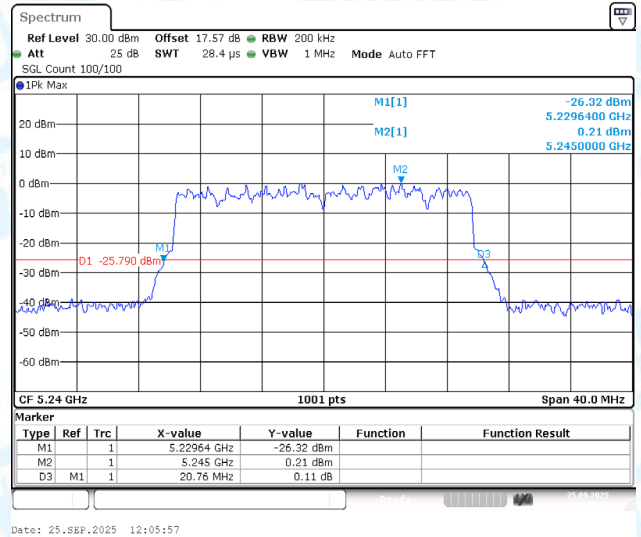
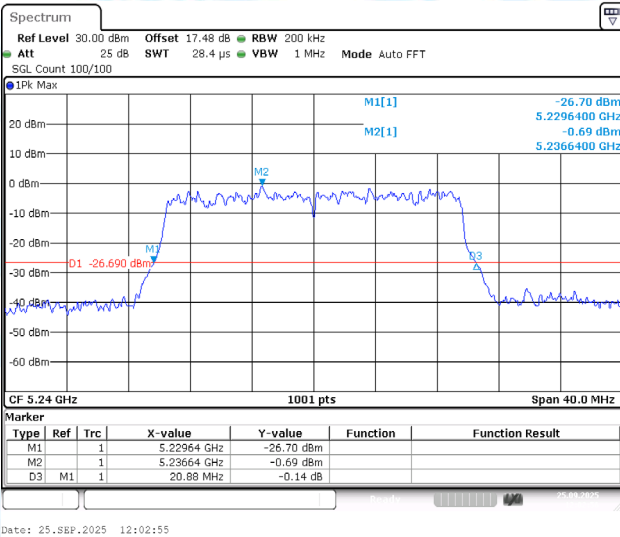
11AX20MIMO-Ant1-5180

11AX20MIMO-Ant2-5180



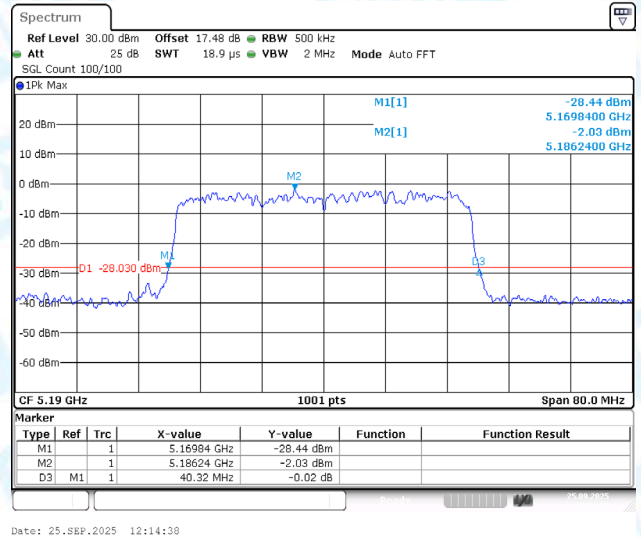
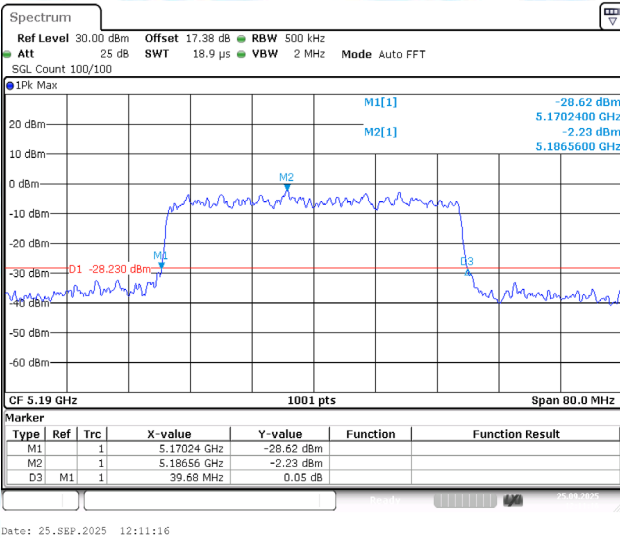
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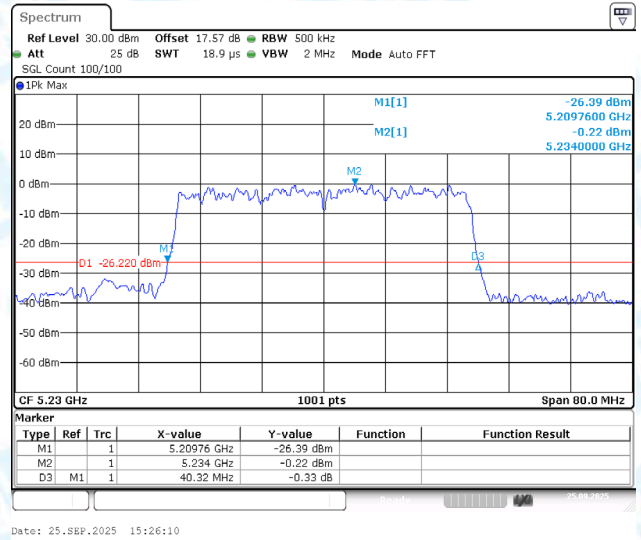
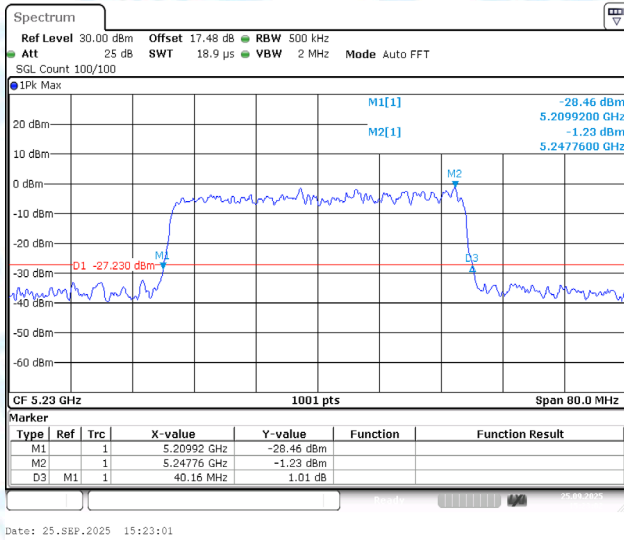
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11AX20MIMO-Ant2-5240



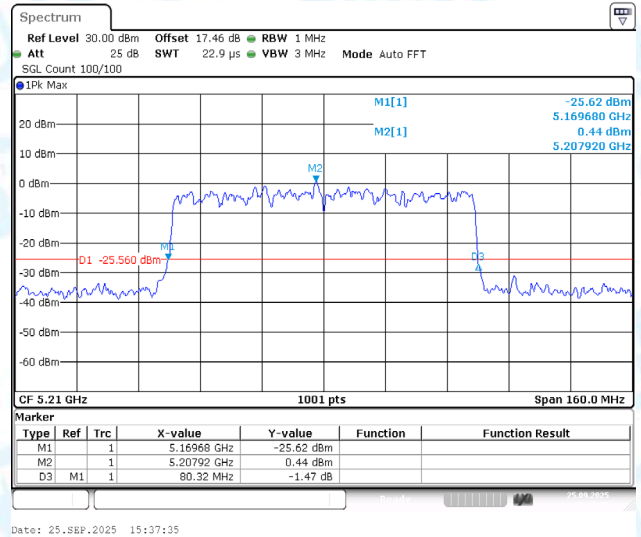
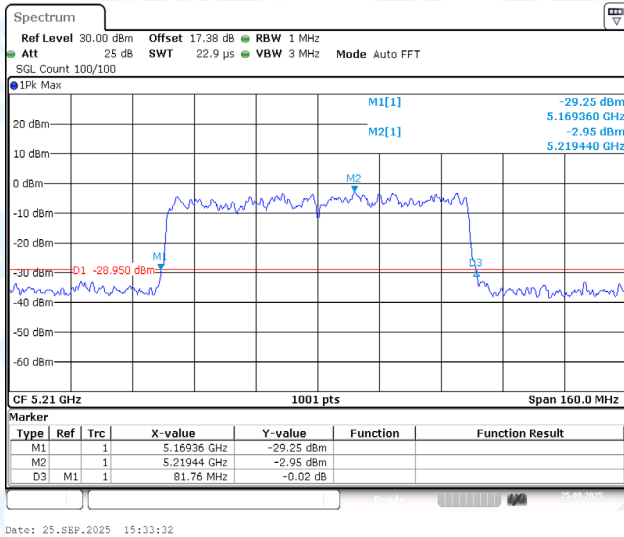
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11AX40MIMO-Ant1-5230

11AX40MIMO-Ant2-5230



11AX80MIMO-Ant1-5210

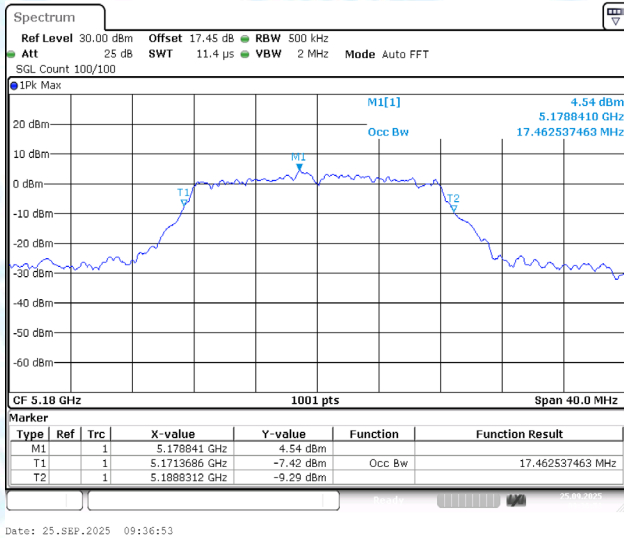
11AX80MIMO-Ant2-5210

2. Occupied channel bandwidth

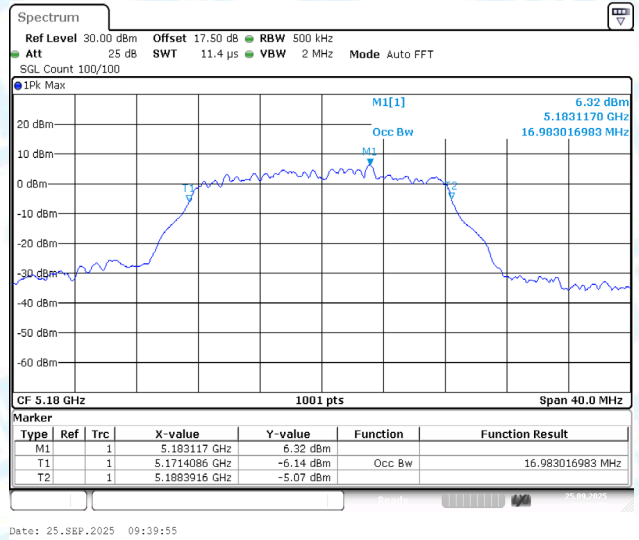
2.1 Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A-CDD	Ant1	5180	17.463	5171.3686	5188.8312	---	---
11A-CDD	Ant2	5180	16.983	5171.4086	5188.3916	---	---
11A-CDD	Ant1	5200	17.982	5190.8092	5208.7912	---	---
11A-CDD	Ant2	5200	17.183	5191.2488	5208.4316	---	---
11A-CDD	Ant1	5240	17.103	5231.4086	5248.5115	---	---
11A-CDD	Ant2	5240	17.662	5231.1688	5248.8312	---	---
11N20MIMO	Ant1	5180	18.102	5170.8492	5188.9510	---	---
11N20MIMO	Ant2	5180	18.422	5170.9291	5189.3506	---	---
11N20MIMO	Ant1	5200	18.142	5190.8891	5209.0310	---	---
11N20MIMO	Ant2	5200	18.062	5190.9291	5208.9910	---	---
11N20MIMO	Ant1	5240	18.102	5230.9690	5249.0709	---	---
11N20MIMO	Ant2	5240	18.382	5230.6893	5249.0709	---	---
11N40MIMO	Ant1	5190	36.683	5171.7782	5208.4615	---	---
11N40MIMO	Ant2	5190	36.284	5171.8581	5208.1419	---	---
11N40MIMO	Ant1	5230	36.523	5211.8581	5248.3816	---	---
11N40MIMO	Ant2	5230	36.284	5211.8581	5248.1419	---	---
11AC20MIMO	Ant1	5180	18.062	5170.8891	5188.9510	---	---
11AC20MIMO	Ant2	5180	16.543	5171.7682	5188.3117	---	---
11AC20MIMO	Ant1	5200	18.062	5191.0090	5209.0709	---	---
11AC20MIMO	Ant2	5200	16.663	5191.6484	5208.3117	---	---
11AC20MIMO	Ant1	5240	18.182	5230.8492	5249.0310	---	---
11AC20MIMO	Ant2	5240	16.743	5231.5285	5248.2717	---	---
11AC40MIMO	Ant1	5190	36.603	5171.6983	5208.3017	---	---
11AC40MIMO	Ant2	5190	37.003	5171.2987	5208.3017	---	---
11AC40MIMO	Ant1	5230	37.323	5211.2188	5248.5415	---	---
11AC40MIMO	Ant2	5230	36.364	5211.9381	5248.3017	---	---
11AC80MIMO	Ant1	5210	76.244	5171.9580	5248.2018	---	---
11AC80MIMO	Ant2	5210	76.563	5171.9580	5248.5215	---	---
11AX20MIMO	Ant1	5180	19.181	5170.4096	5189.5904	---	---
11AX20MIMO	Ant2	5180	19.101	5170.4496	5189.5504	---	---
11AX20MIMO	Ant1	5200	19.301	5190.3696	5209.6703	---	---
11AX20MIMO	Ant2	5200	19.061	5190.4096	5209.4705	---	---
11AX20MIMO	Ant1	5240	19.061	5230.4895	5249.5504	---	---
11AX20MIMO	Ant2	5240	19.181	5230.4496	5249.6304	---	---
11AX40MIMO	Ant1	5190	37.642	5171.1389	5208.7812	---	---
11AX40MIMO	Ant2	5190	37.562	5171.1389	5208.7013	---	---
11AX40MIMO	Ant1	5230	37.882	5211.1389	5249.0210	---	---
11AX40MIMO	Ant2	5230	37.802	5211.0589	5248.8611	---	---
11AX80MIMO	Ant1	5210	78.002	5170.9990	5249.0010	---	---
11AX80MIMO	Ant2	5210	77.522	5171.3187	5248.8412	---	---

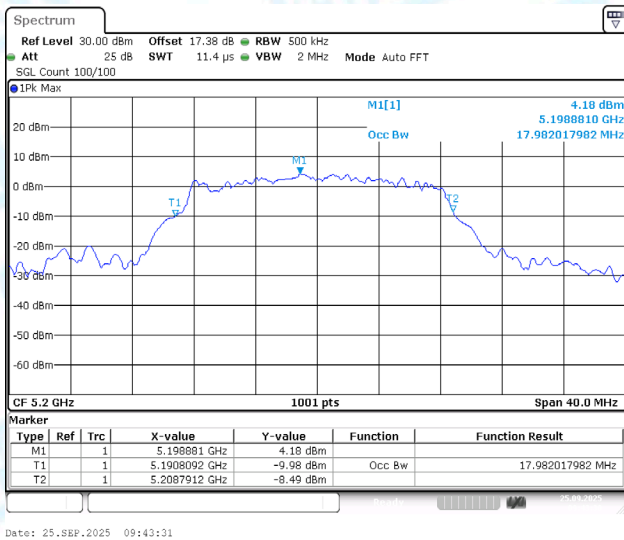
2.2 Test Graphs



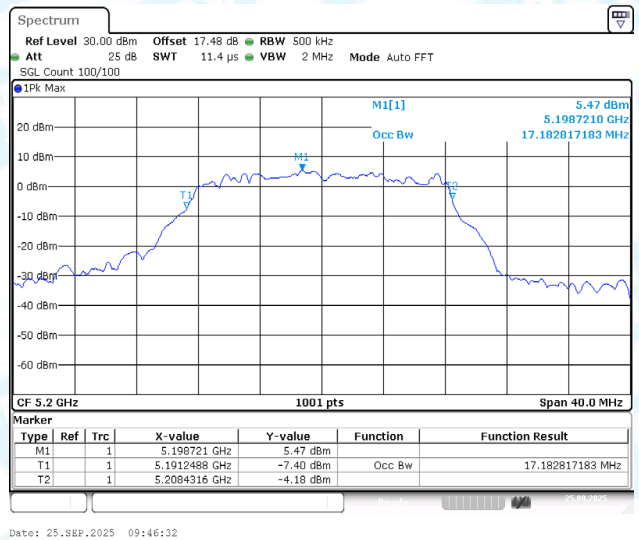
11A-CDD-Ant1-5180



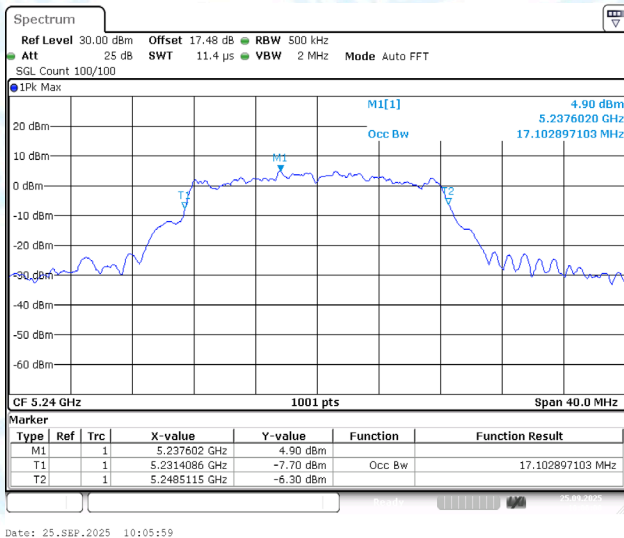
11A-CDD-Ant2-5180



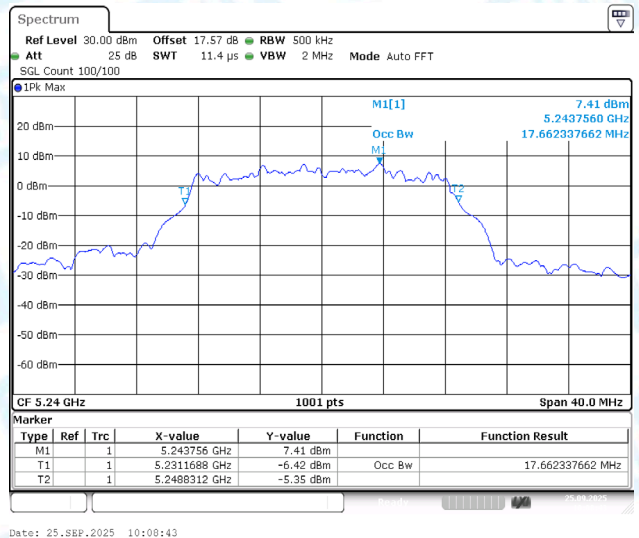
11A-CDD-Ant1-5200



11A-CDD-Ant2-5200



11A-CDD-Ant1-5240



11A-CDD-Ant2-5240