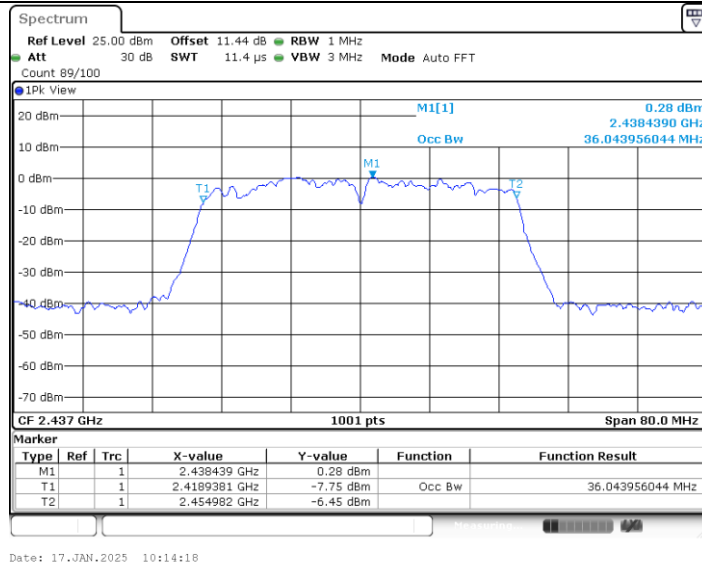
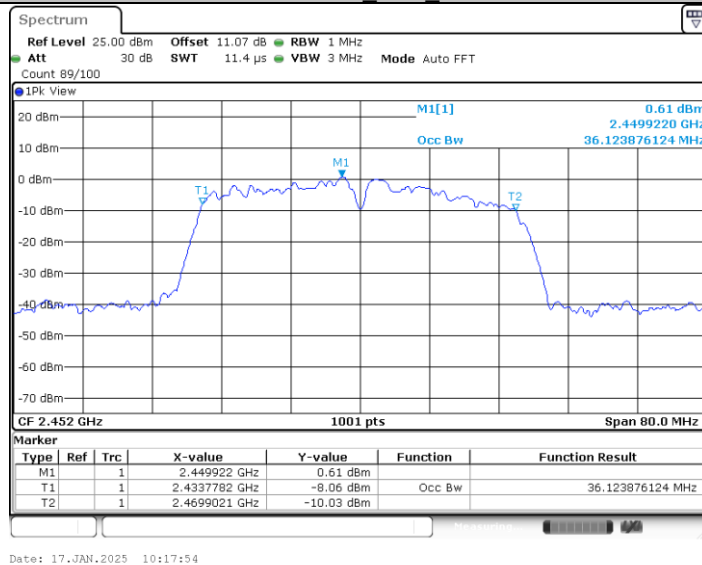
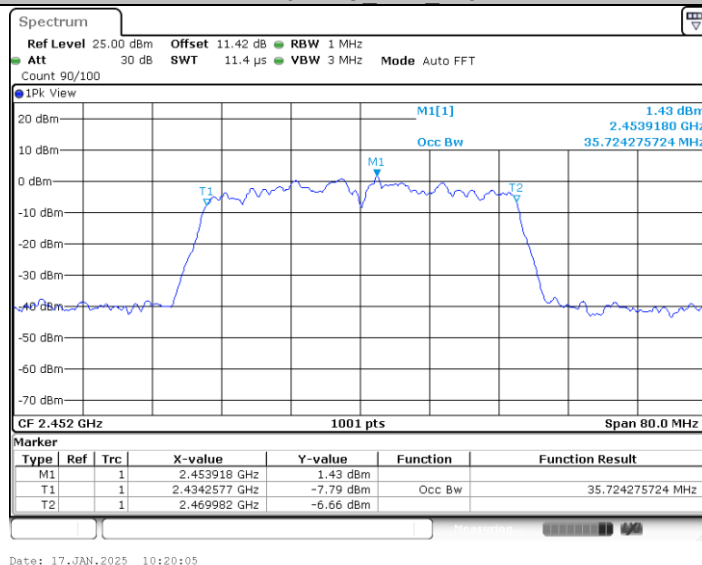




11N40MIMO Ant1 2452



11N40MIMO Ant2 2452



11AX20MIMO Ant1 2412

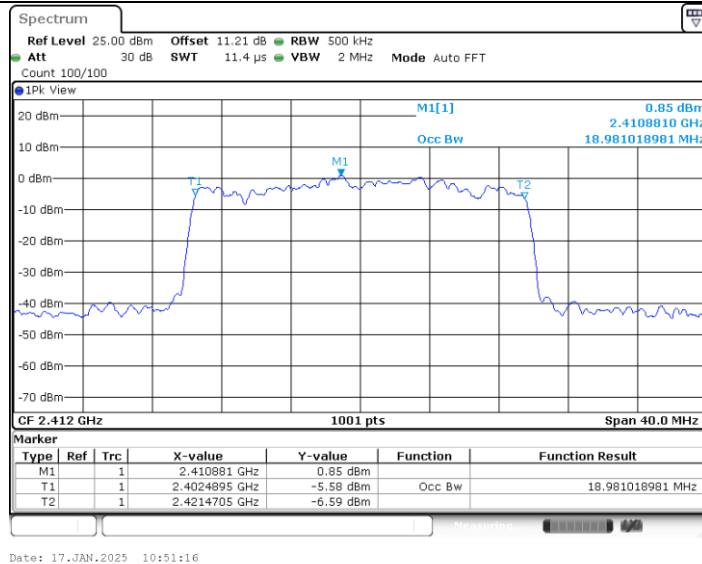
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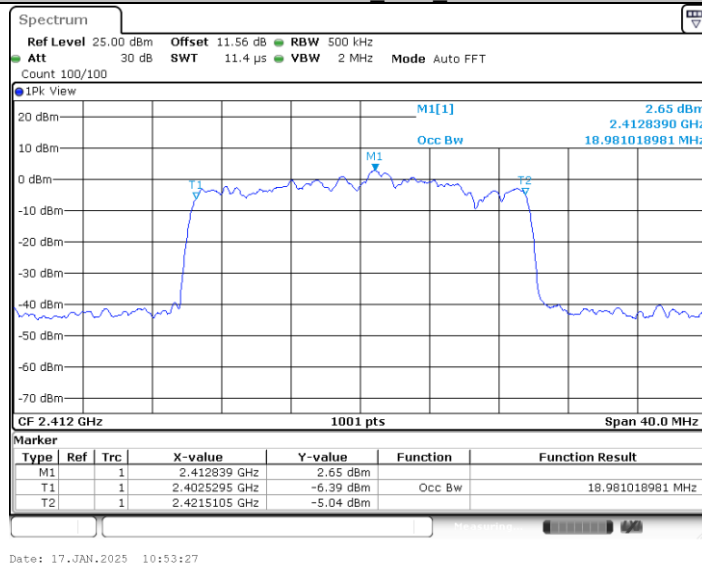
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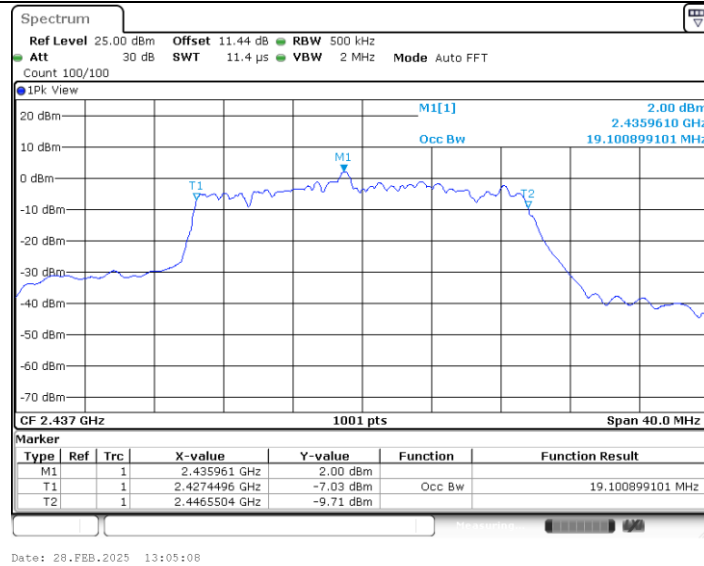
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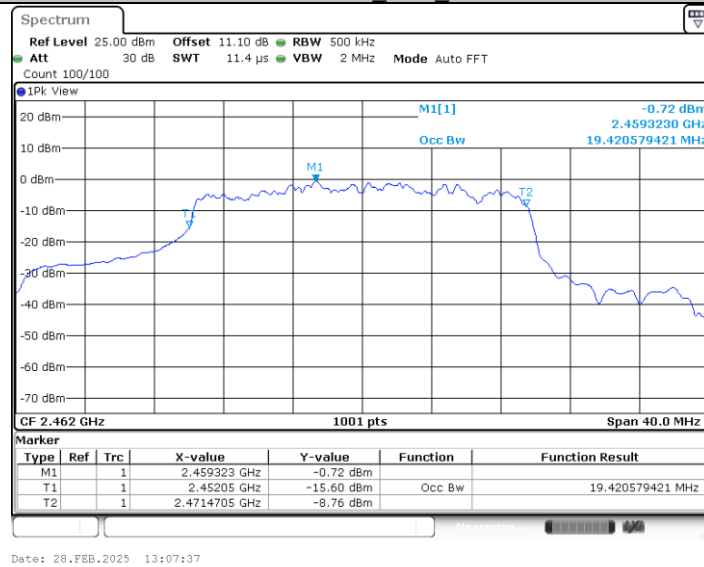
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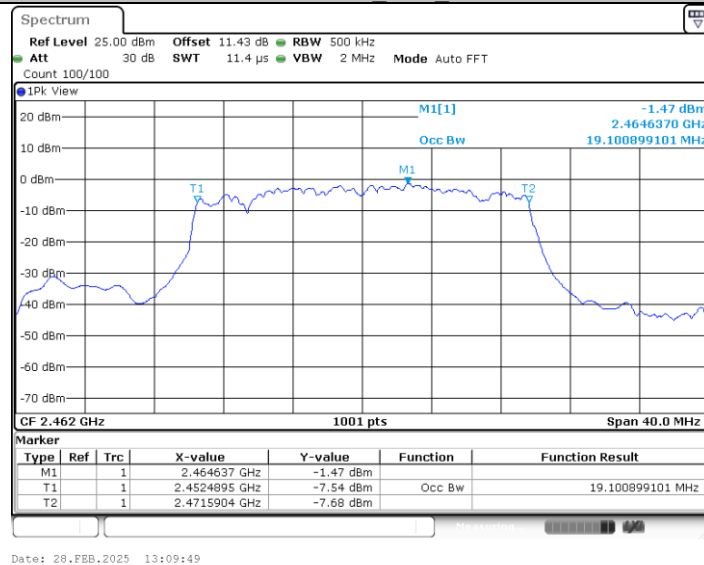
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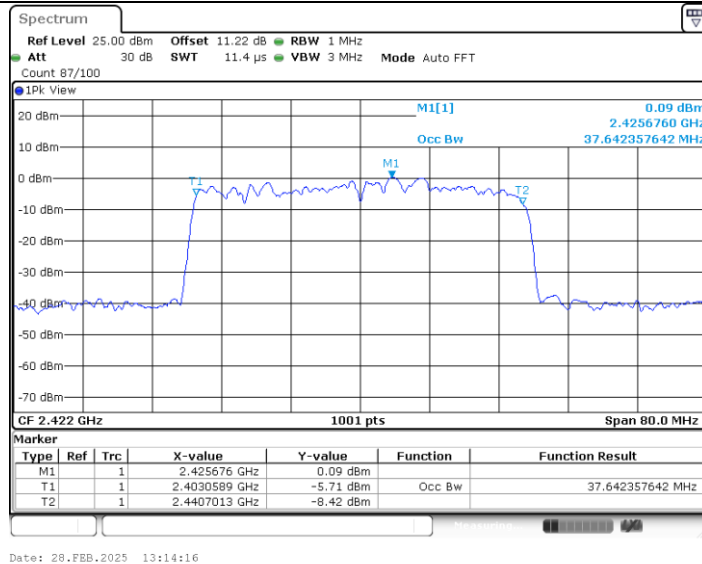
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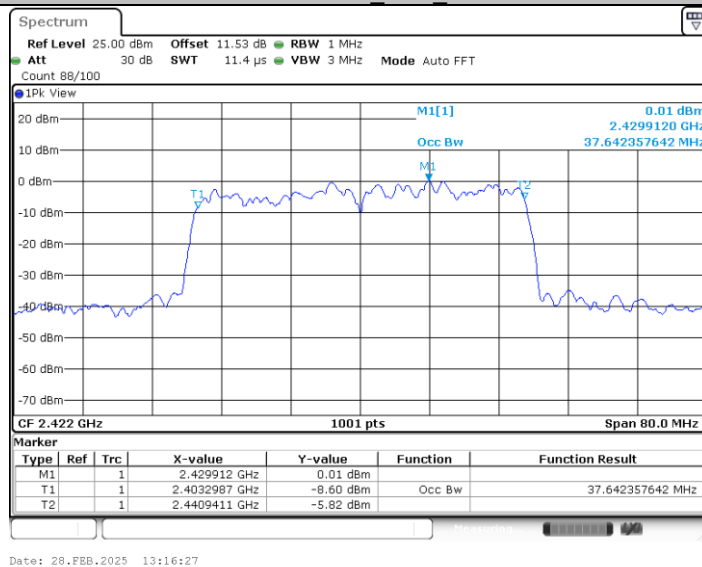
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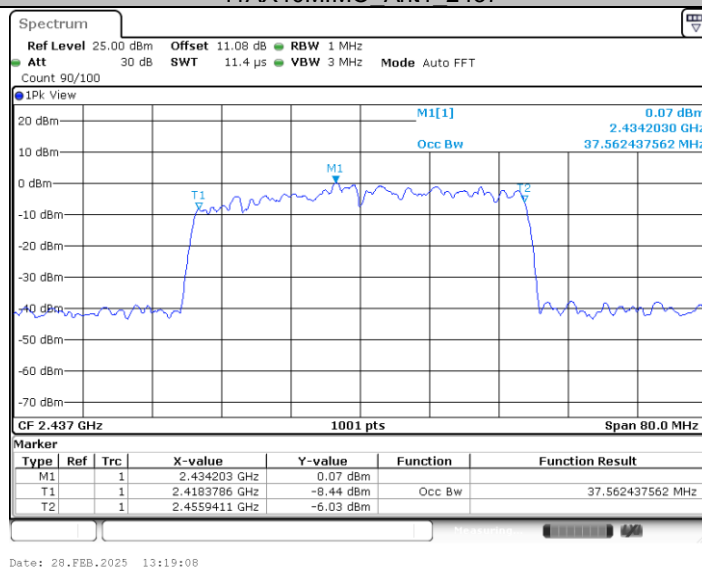
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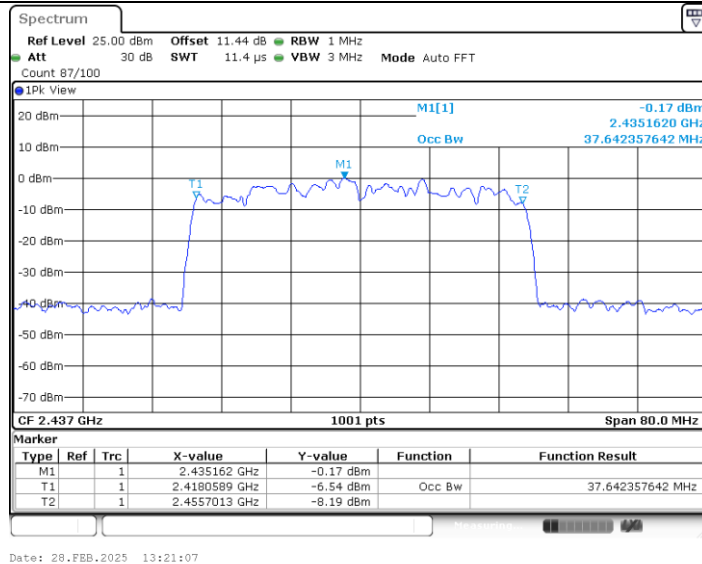
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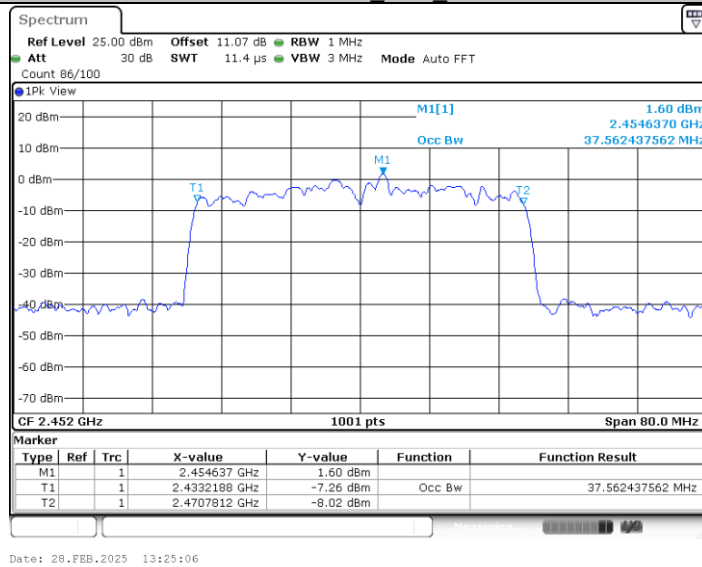
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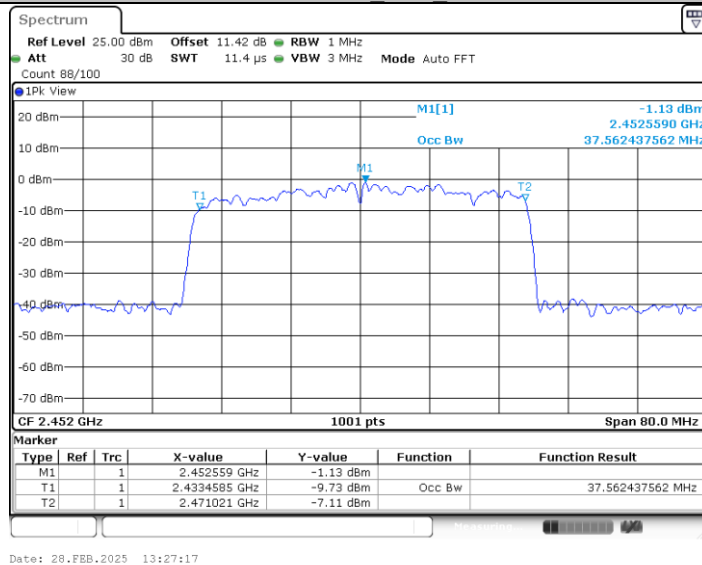
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



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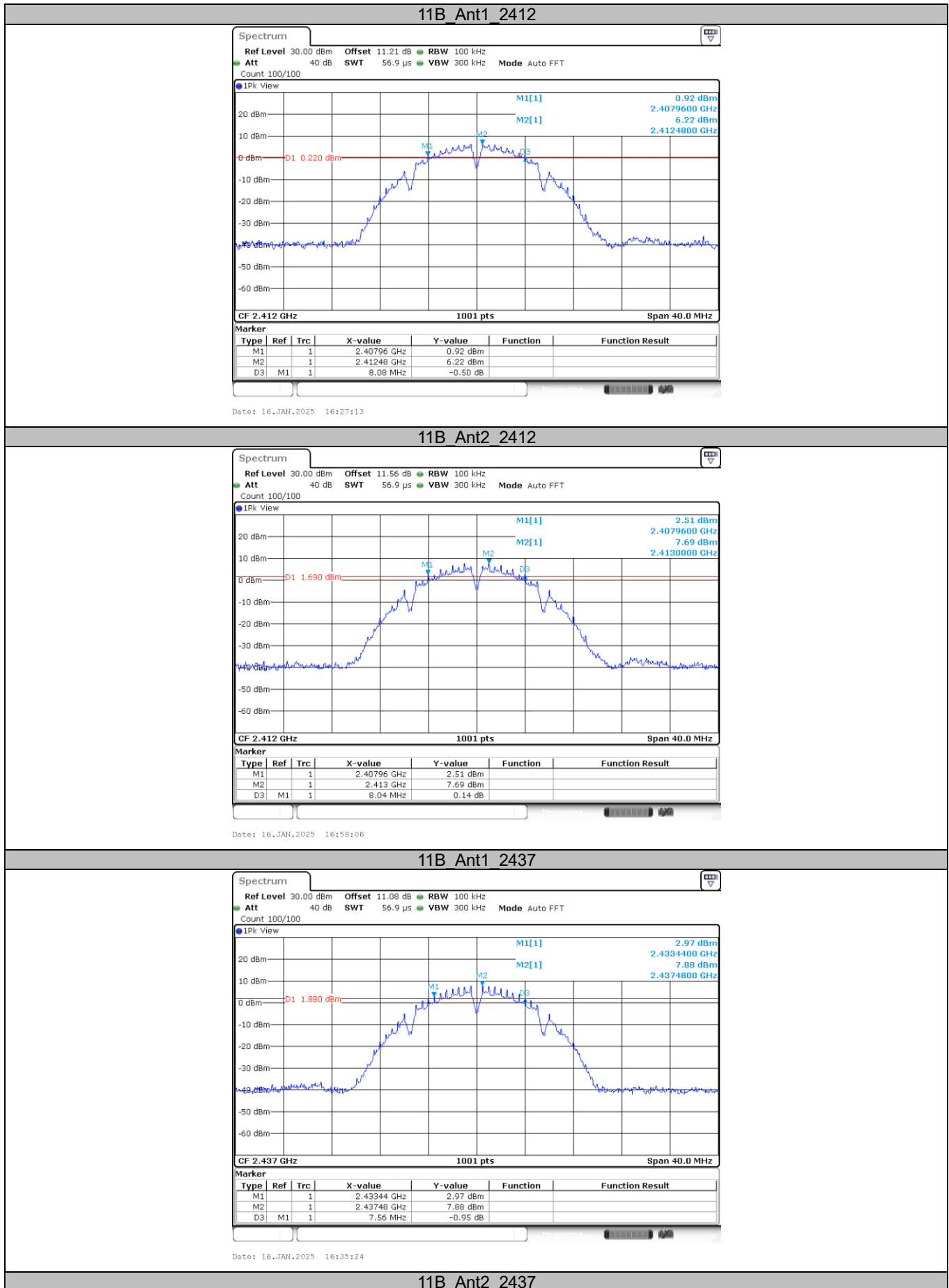
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DTS Bandwidth:



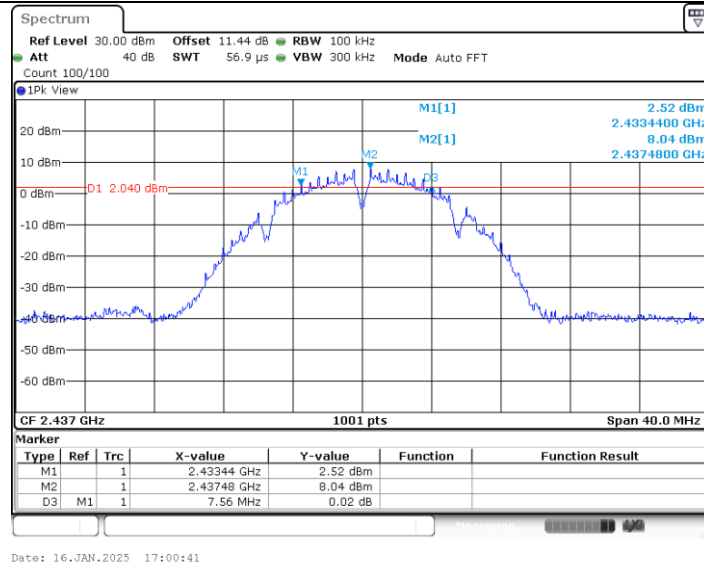
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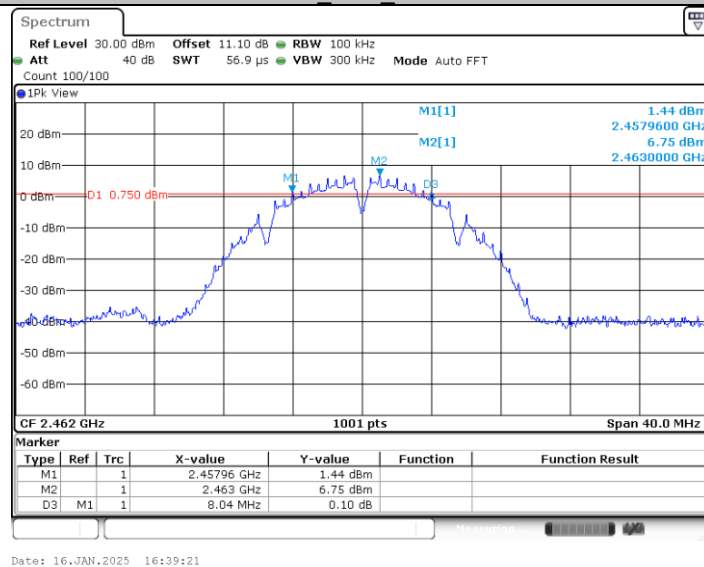
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TRF No: CTC-TR-057_A2

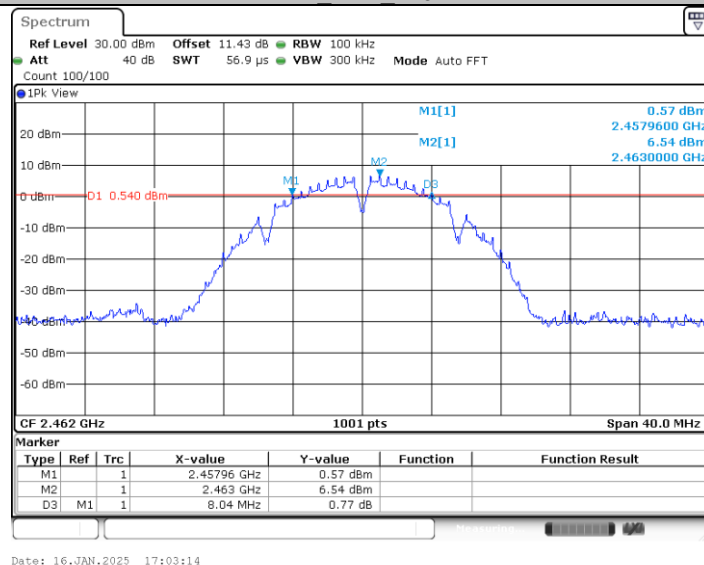
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11B Ant1 2462



11B Ant2 2462



11G Ant1 2412

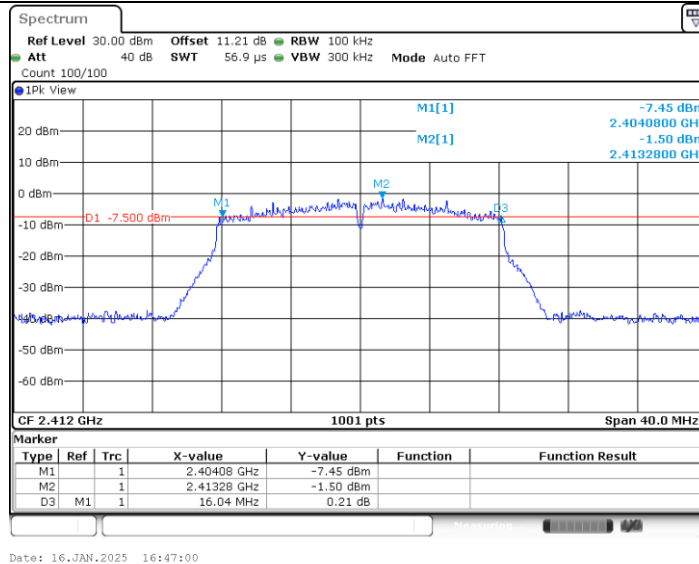
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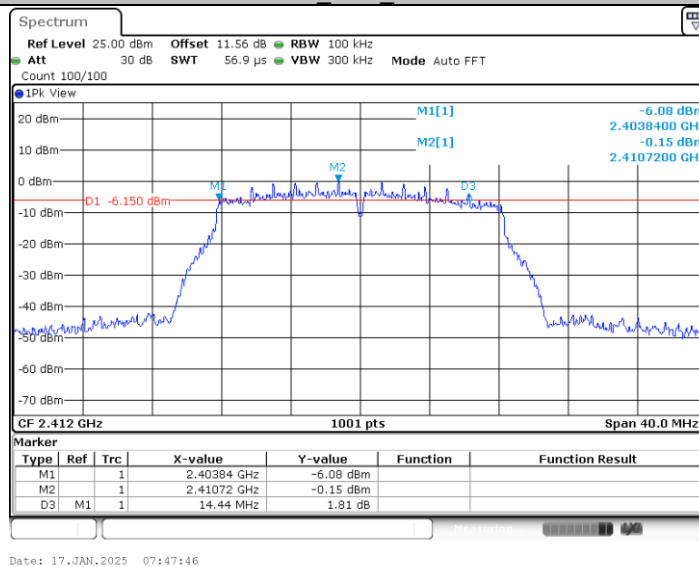
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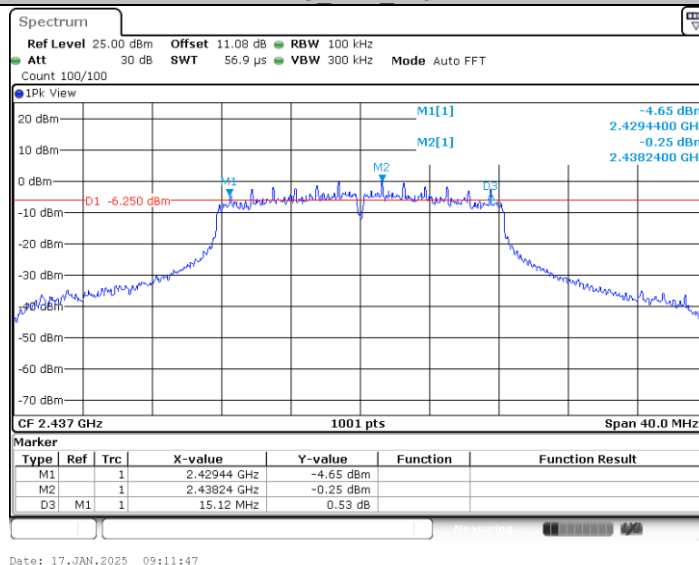
TRF No: CTC-TR-057_A2



11G Ant2 2412



11G Ant1 2437



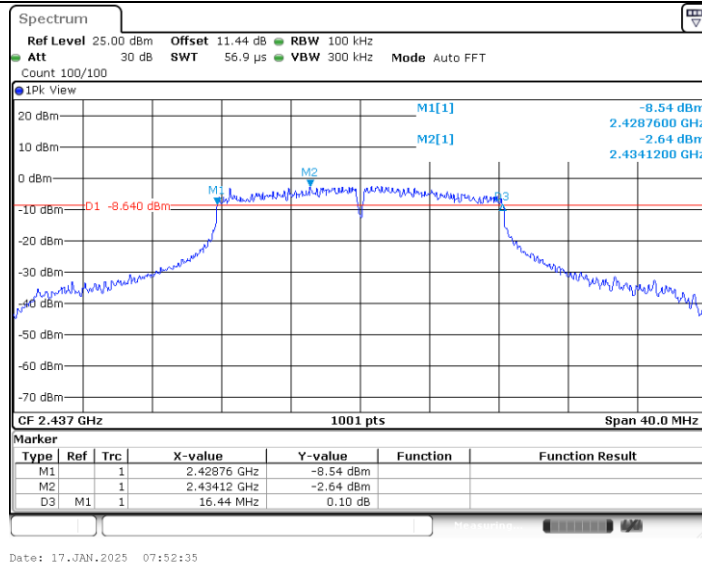
11G Ant2 2437

CTC Laboratories, Inc.

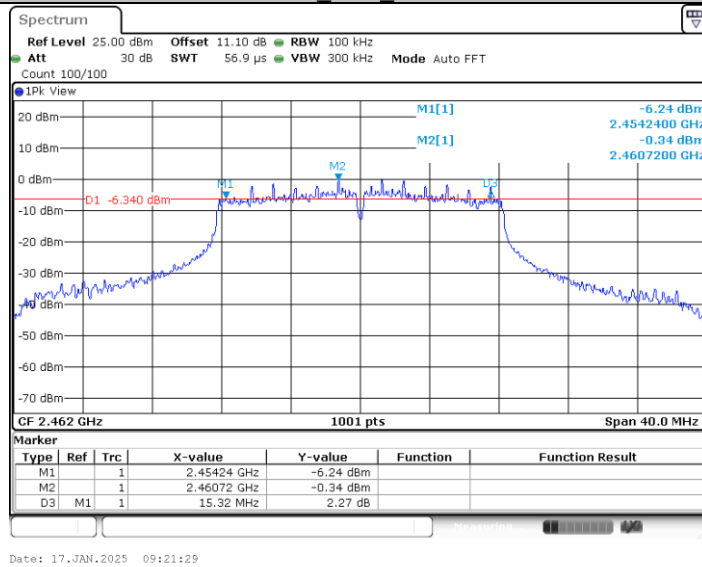
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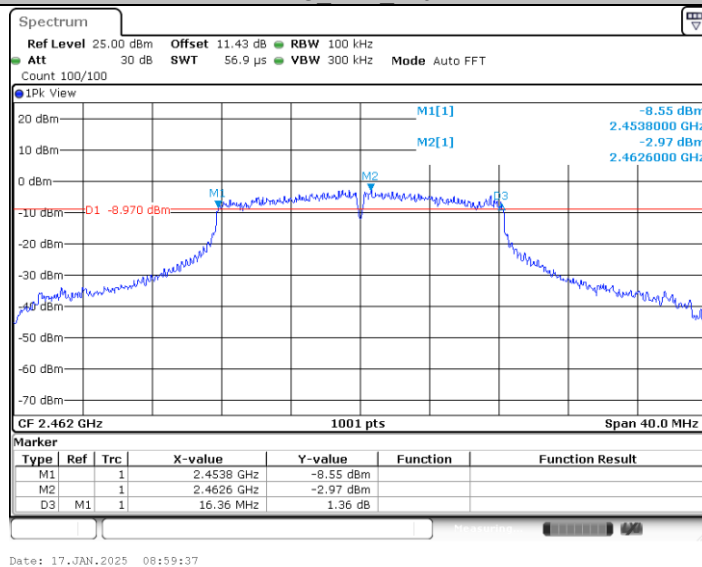
TRF No: CTC-TR-057_A2



11G Ant1 2462



11G Ant2 2462



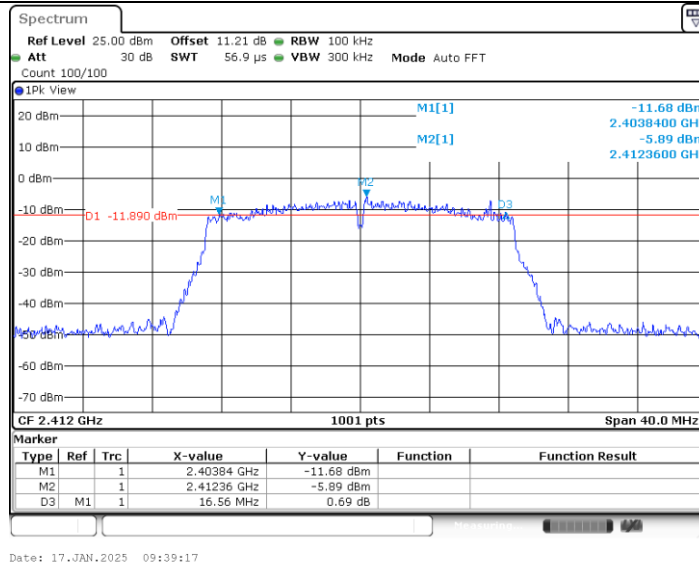
11N20MIMO Ant1 2412

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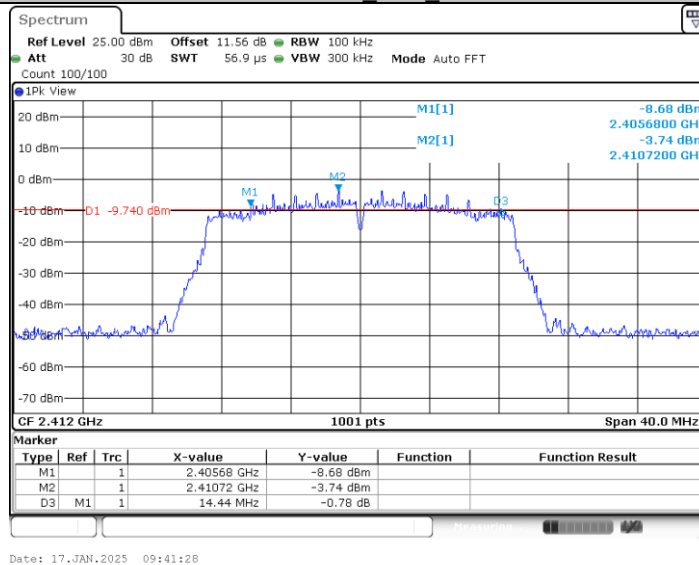
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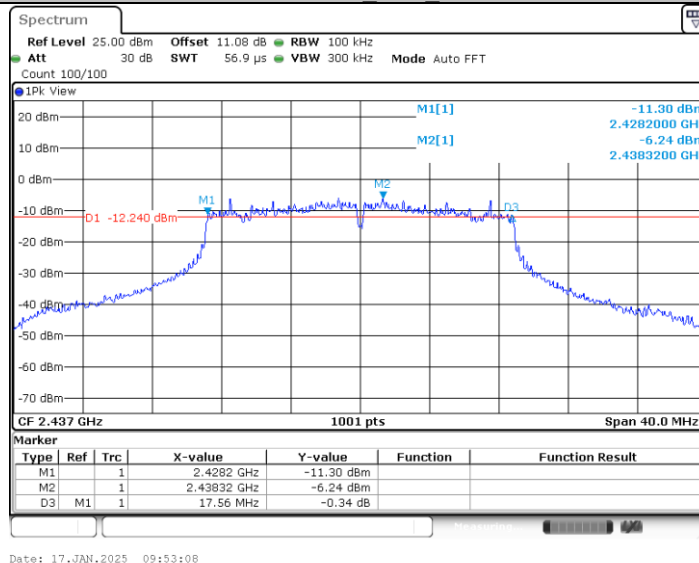
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11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437

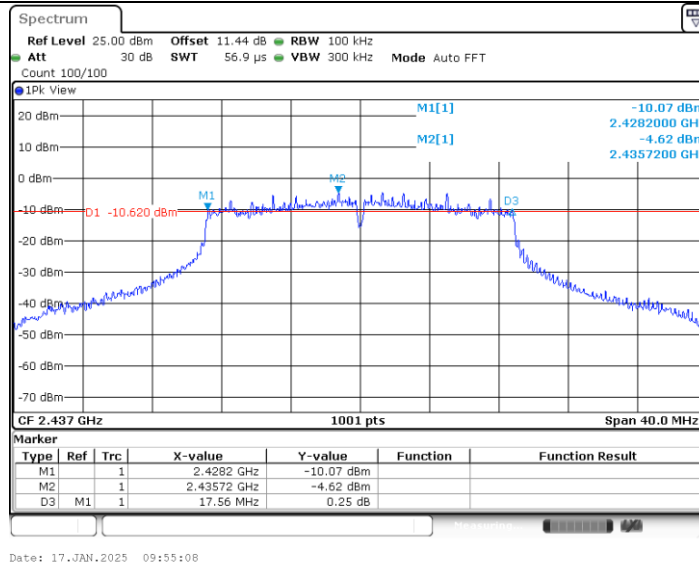
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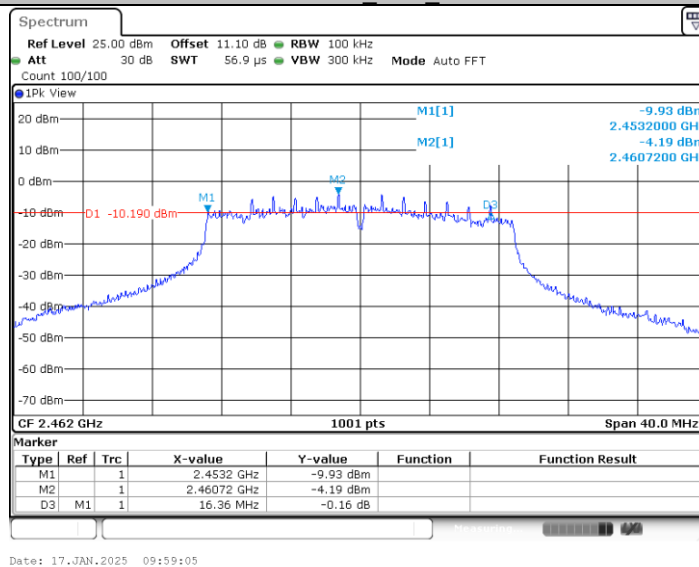
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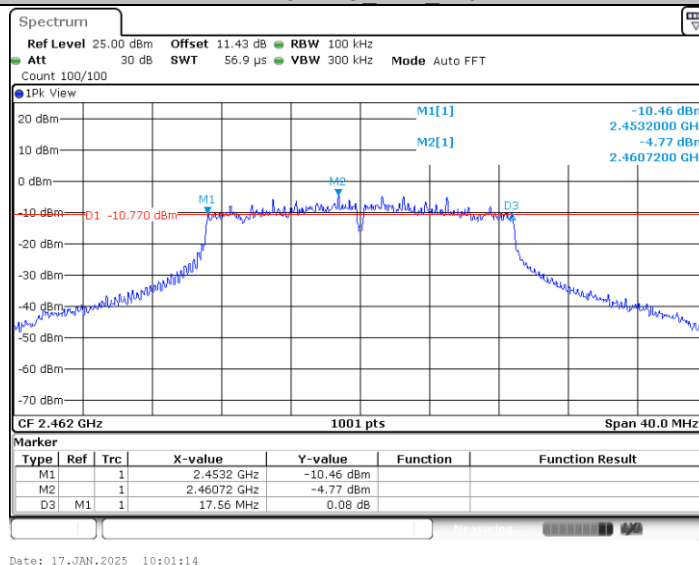
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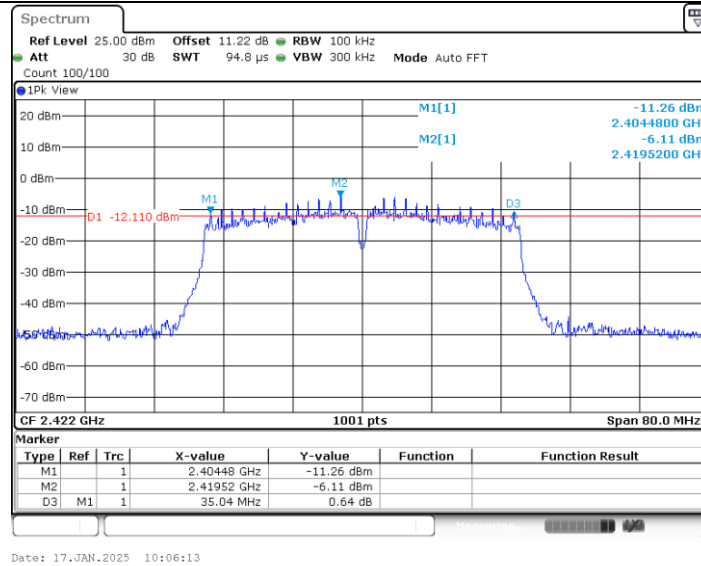
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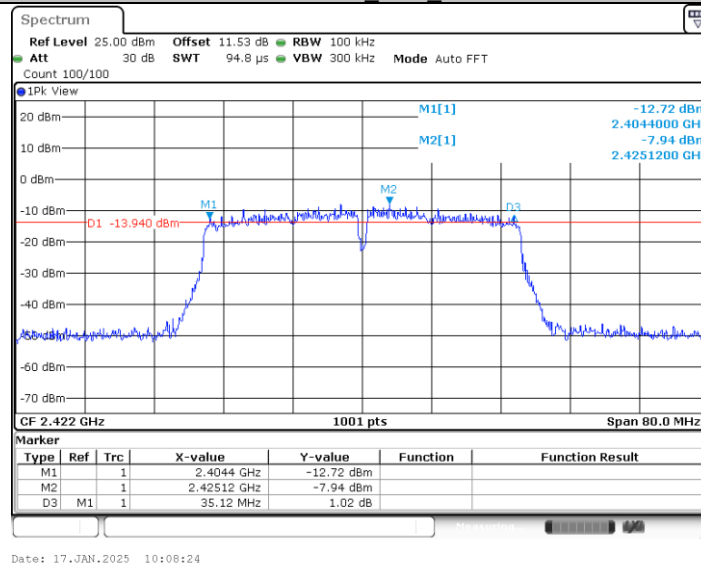
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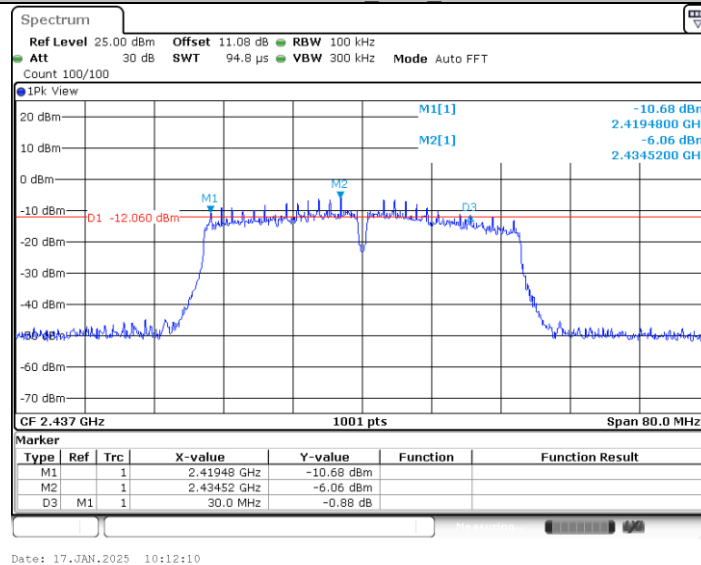
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11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437

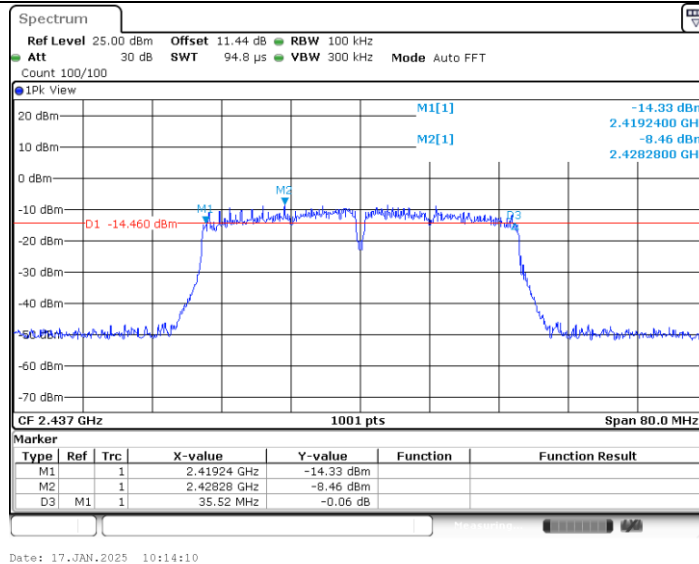
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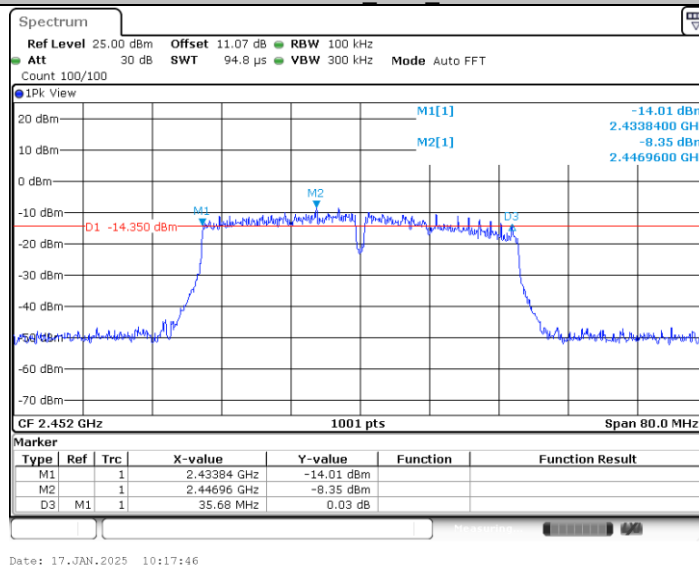
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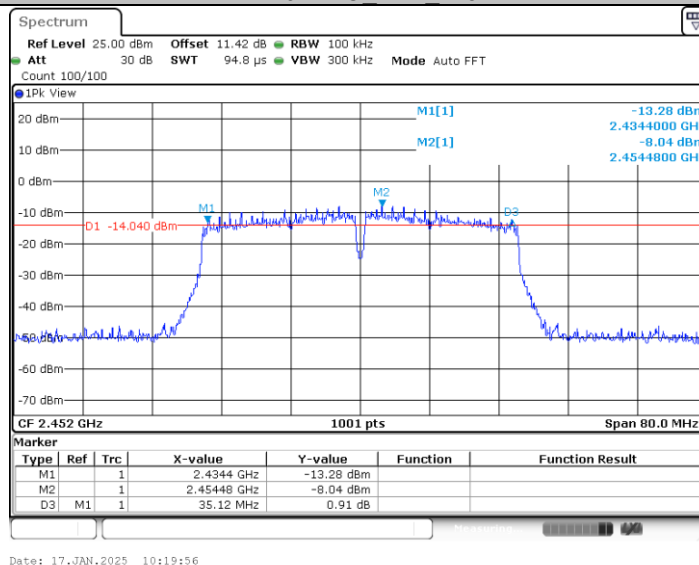
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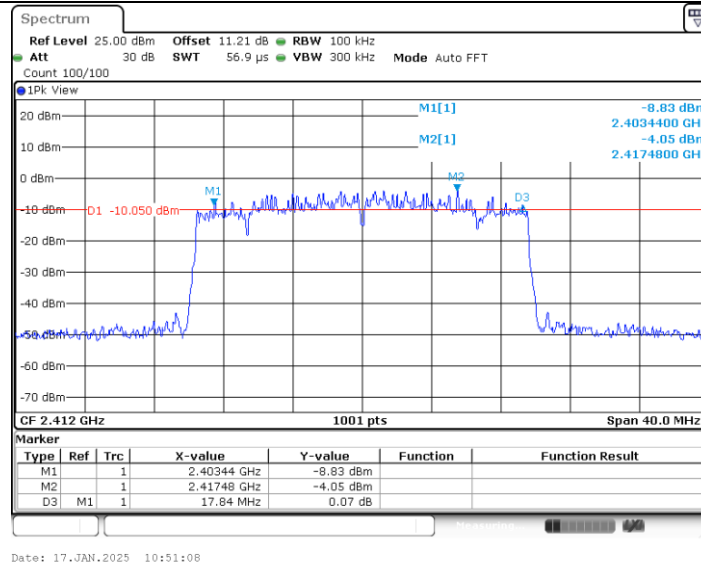
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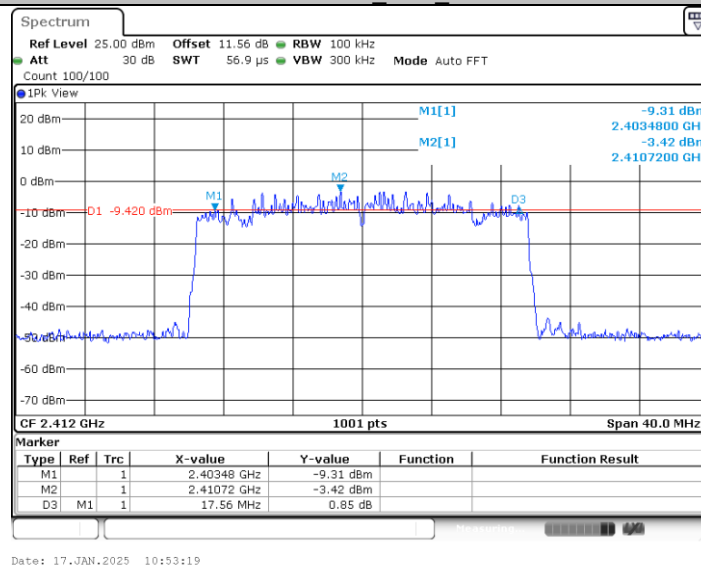
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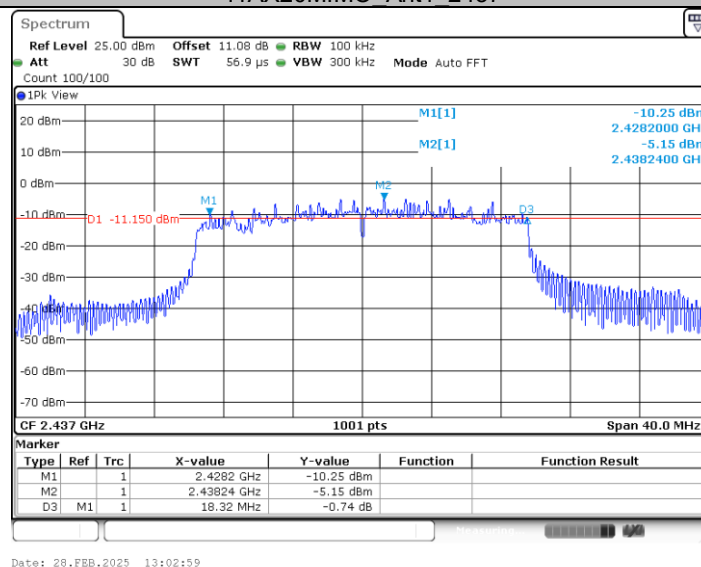
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11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



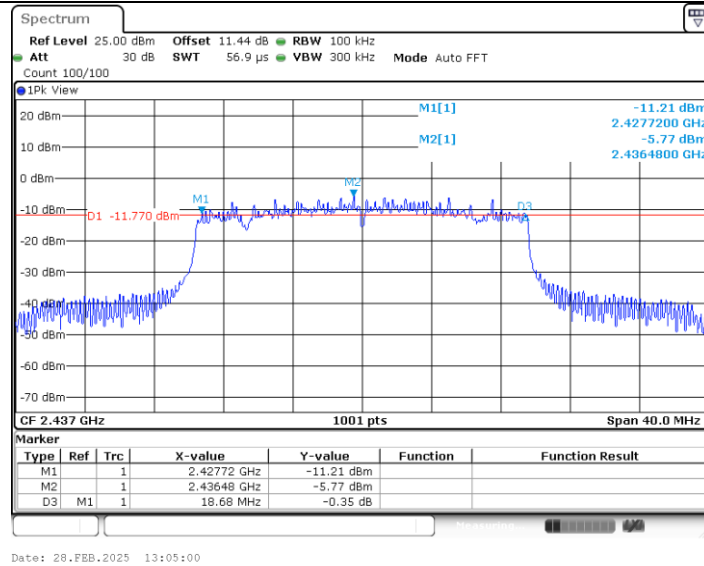
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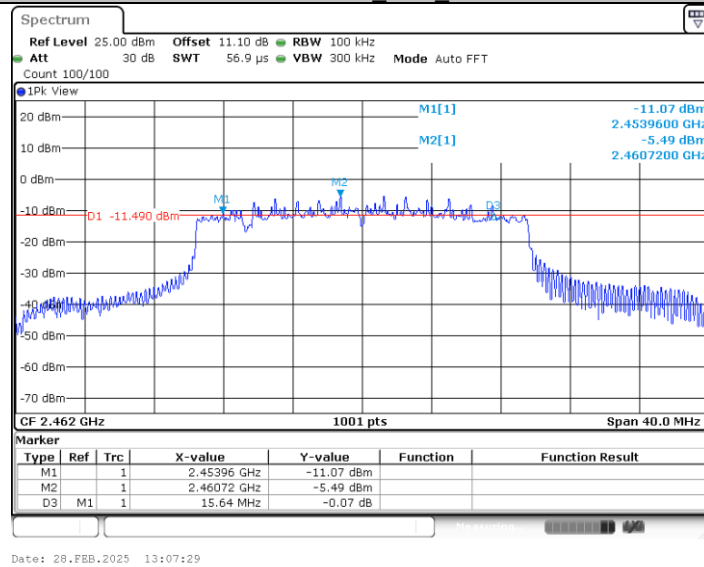
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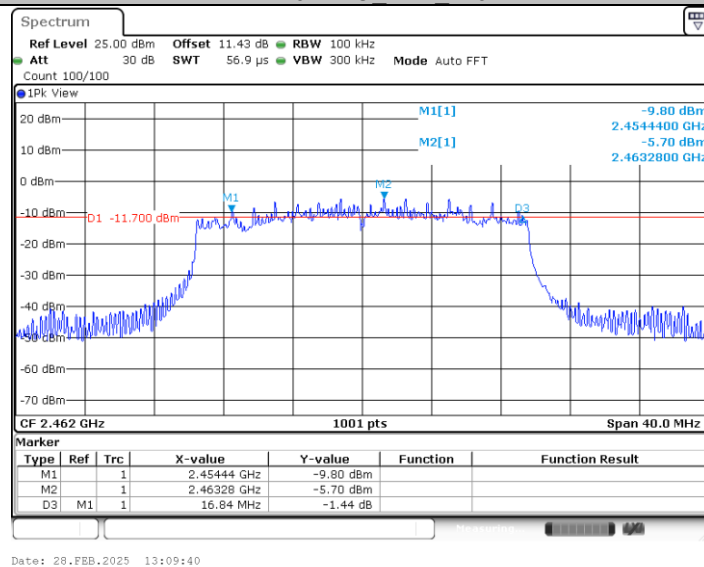
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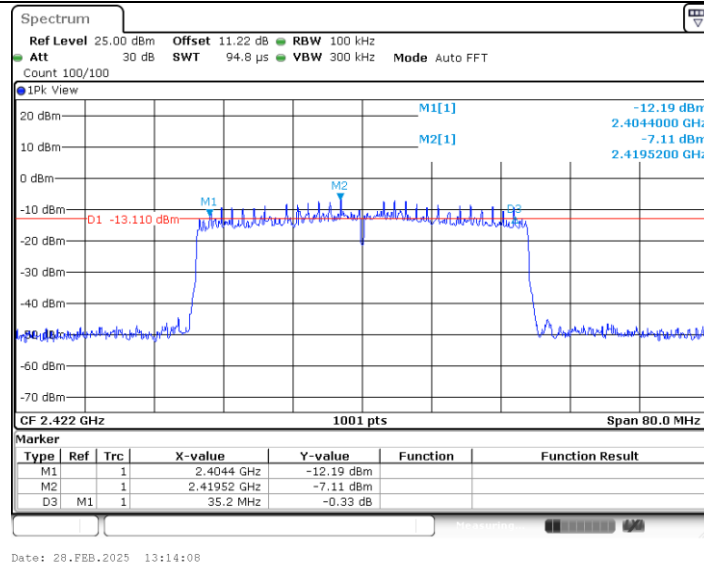
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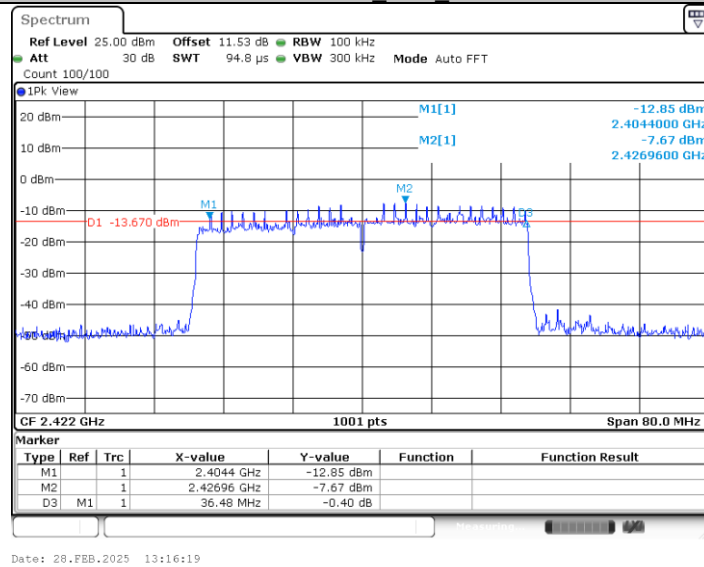
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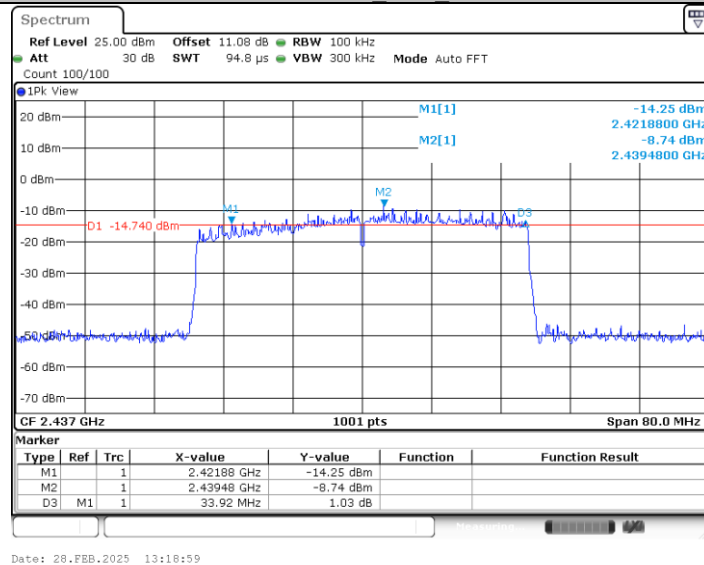
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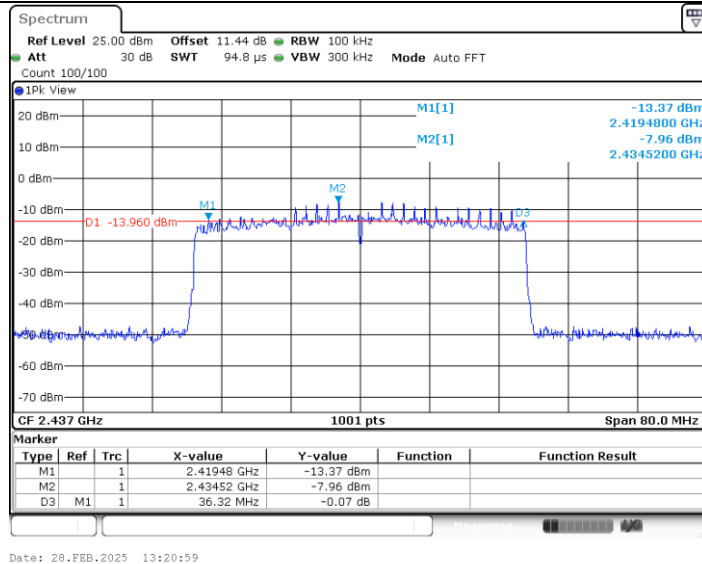
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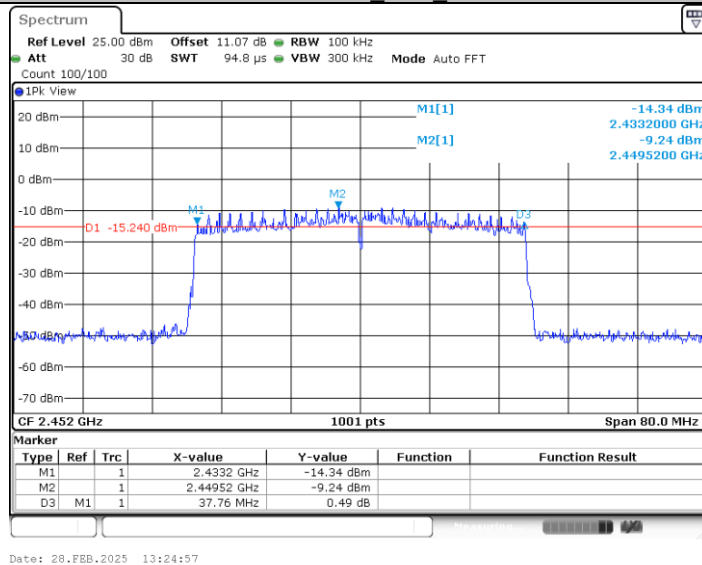
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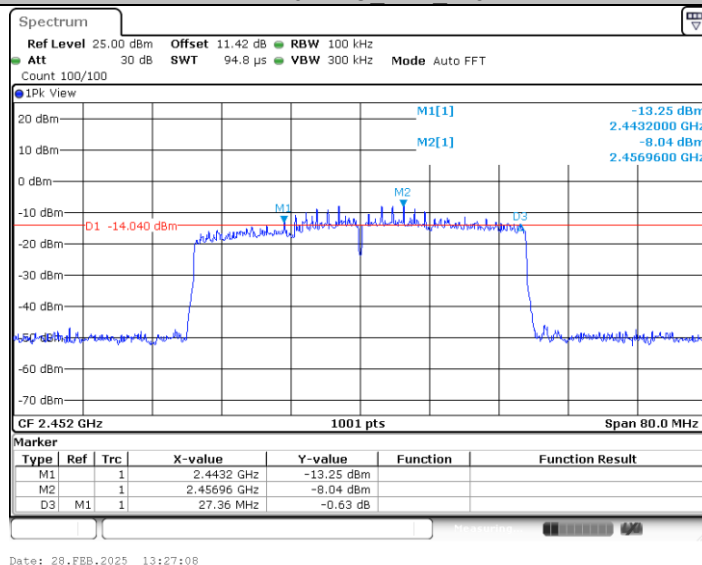
11AX40MIMO_Ant2_2437



11AX40MIMO_Ant1_2452



11AX40MIMO_Ant2_2452



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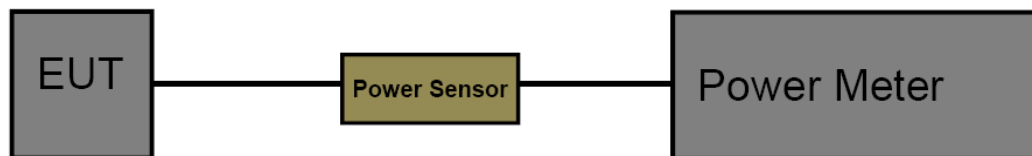
3.6. Peak Output Power

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (b)(3)

Section	Test Item	Limit	Frequency Range (MHz)
FCC CFR 47 Part15.247 (b)(3)	Maximum Conducted Output Power	1 Watt or 30dBm	2400~2483.5

Test Configuration



Test Procedure

1. The maximum conducted output power may be measured using a broadband RF power meter.
2. Power measurements were performed only when the EUT was transmitting at its maximum power control level using a broadband power meter with a pulse sensor.
3. The power meter implemented triggering and gating capabilities which were set up such that power measurements were recorded only during the ON time of the transmitter.
4. Record the measurement data.

Test Mode

Please refer to the clause 2.4.

**Test Result**

Test Mode	Antenna	Frequency[MHz]	PK Result [dBm]	Limit [dBm]
11B	Ant1	2412	18.59	≤30.00
	Ant2	2412	18.64	≤30.00
	Ant1	2437	18.24	≤30.00
	Ant2	2437	18.40	≤30.00
	Ant1	2462	18.05	≤30.00
	Ant2	2462	18.29	≤30.00
11G	Ant1	2412	17.77	≤30.00
	Ant2	2412	17.79	≤30.00
	Ant1	2437	17.13	≤30.00
	Ant2	2437	18.04	≤30.00
	Ant1	2462	17.23	≤30.00
	Ant2	2462	17.38	≤30.00
11N20MIMO	Ant1	2412	13.21	≤30.00
	Ant2	2412	13.62	≤30.00
	total	2412	16.43	≤30.00
	Ant1	2437	13.36	≤30.00
	Ant2	2437	14.11	≤30.00
	total	2437	16.76	≤30.00
	Ant1	2462	13.06	≤30.00
	Ant2	2462	13.83	≤30.00
	total	2462	16.47	≤30.00
11N40MIMO	Ant1	2422	13.56	≤30.00
	Ant2	2422	14.09	≤30.00
	total	2422	16.84	≤30.00
	Ant1	2437	13.15	≤30.00
	Ant2	2437	14.00	≤30.00
	total	2437	16.61	≤30.00
	Ant1	2452	13.11	≤30.00
	Ant2	2452	13.62	≤30.00
	total	2452	16.38	≤30.00
11AX20MIMO	Ant1	2412	12.90	≤30.00
	Ant2	2412	13.03	≤30.00
	total	2412	15.98	≤30.00
	Ant1	2437	13.00	≤30.00
	Ant2	2437	12.95	≤30.00

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	total	2437	15.99	≤30.00
	Ant1	2462	12.55	≤30.00
	Ant2	2462	12.72	≤30.00
	total	2462	15.65	≤30.00
11AX40MIMO	Ant1	2422	13.43	≤30.00
	Ant2	2422	13.25	≤30.00
	total	2422	16.35	≤30.00
	Ant1	2437	12.89	≤30.00
	Ant2	2437	12.83	≤30.00
	total	2437	15.87	≤30.00
	Ant1	2452	12.86	≤30.00
	Ant2	2452	11.99	≤30.00
	total	2452	15.46	≤30.00



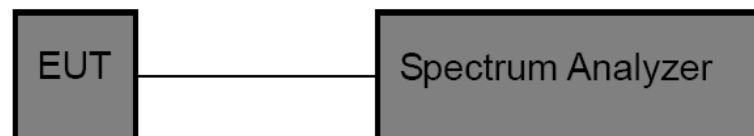
3.7. Power Spectral Density

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (e)

Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	8 dBm (in any 3 kHz)	2400~2483.5

Test Configuration



Test Procedure

1. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
2. The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v05r02.
3. Spectrum Setting:
Set analyzer center frequency to DTS channel center frequency.
Set the span to 1.5 times the DTS bandwidth.
Set the RBW to: 3 kHz.
Set the VBW to: 10 kHz.
Detector: peak.
Sweep time: auto.
Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

Test Mode

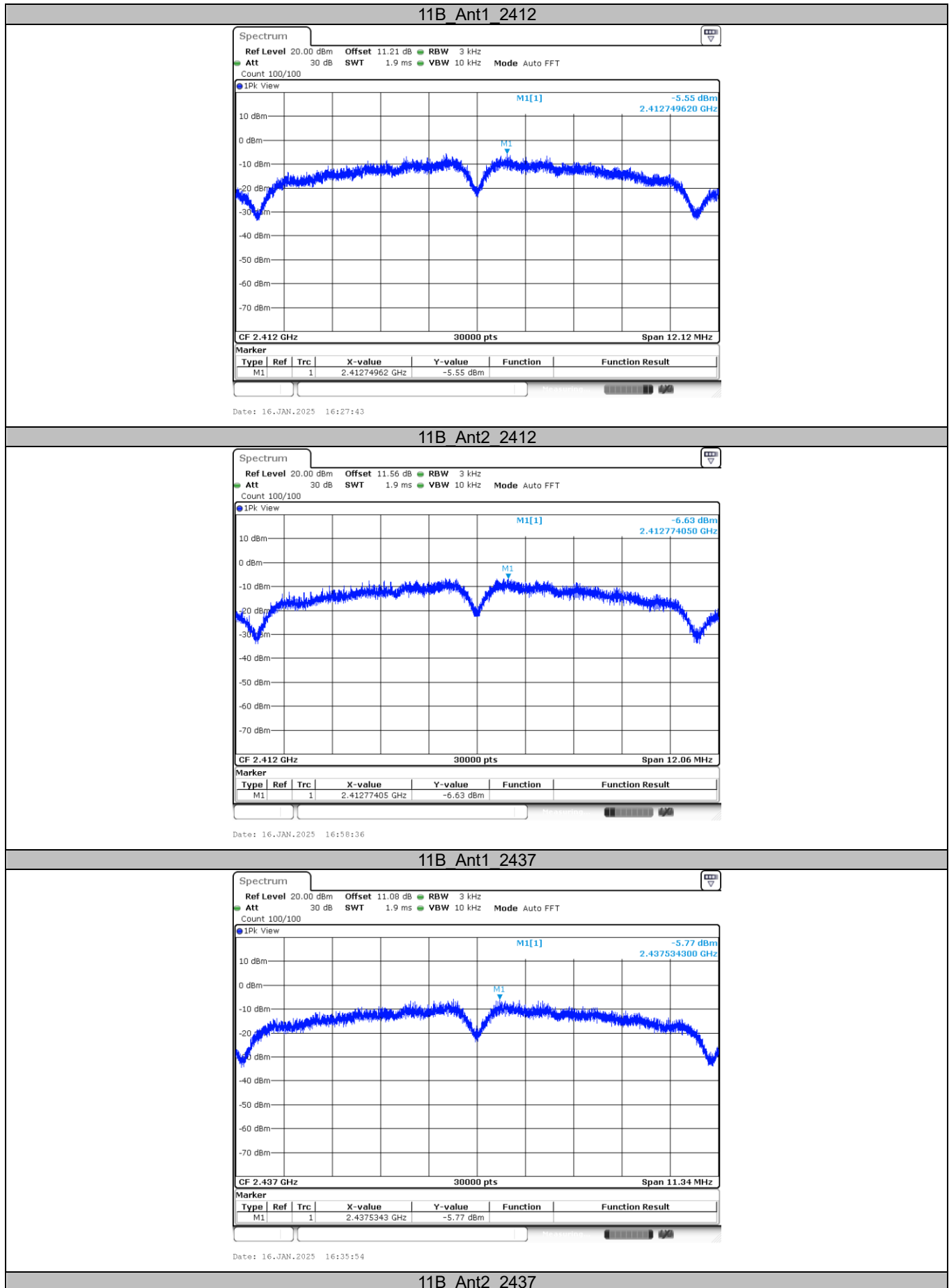
Please refer to the clause 2.4.

**Test Result**

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.55	≤8.00	PASS
	Ant2	2412	-6.63	≤8.00	PASS
	Ant1	2437	-5.77	≤8.00	PASS
	Ant2	2437	-5.22	≤8.00	PASS
	Ant1	2462	-7.62	≤8.00	PASS
	Ant2	2462	-5.57	≤8.00	PASS
11G	Ant1	2412	-13.82	≤8.00	PASS
	Ant2	2412	-13.87	≤8.00	PASS
	Ant1	2437	-13.76	≤8.00	PASS
	Ant2	2437	-12.48	≤8.00	PASS
	Ant1	2462	-13.30	≤8.00	PASS
	Ant2	2462	-13.88	≤8.00	PASS
11N20MIMO	Ant1	2412	-18.40	≤8.00	PASS
	Ant2	2412	-18.33	≤8.00	PASS
	total	2412	-15.35	≤8.00	PASS
	Ant1	2437	-17.96	≤8.00	PASS
	Ant2	2437	-16.99	≤8.00	PASS
	total	2437	-14.44	≤8.00	PASS
	Ant1	2462	-18.96	≤8.00	PASS
	Ant2	2462	-17.55	≤8.00	PASS
11N40MIMO	total	2462	-15.19	≤8.00	PASS
	Ant1	2422	-21.03	≤8.00	PASS
	Ant2	2422	-21.05	≤8.00	PASS
	total	2422	-18.03	≤8.00	PASS
	Ant1	2437	-20.53	≤8.00	PASS
	Ant2	2437	-21.80	≤8.00	PASS
	total	2437	-18.11	≤8.00	PASS
	Ant1	2452	-20.83	≤8.00	PASS
	Ant2	2452	-21.17	≤8.00	PASS
	total	2452	-17.99	≤8.00	PASS
11AX20MIMO	total	2462	-16.83	≤8.00	PASS
	Ant1	2412	-19.94	≤8.00	PASS
	Ant2	2412	-21.49	≤8.00	PASS
	total	2412	-17.64	≤8.00	PASS
	Ant1	2437	-19.86	≤8.00	PASS
	Ant2	2437	-20.00	≤8.00	PASS
	total	2437	-16.92	≤8.00	PASS
	Ant1	2462	-20.57	≤8.00	PASS
	Ant2	2462	-20.38	≤8.00	PASS
11AX40MIMO	total	2462	-17.46	≤8.00	PASS
	Ant1	2422	-22.19	≤8.00	PASS
	Ant2	2422	-23.30	≤8.00	PASS
	total	2422	-19.70	≤8.00	PASS
	Ant1	2437	-23.07	≤8.00	PASS
	Ant2	2437	-23.45	≤8.00	PASS
	total	2437	-20.25	≤8.00	PASS
	Ant1	2452	-23.68	≤8.00	PASS
	Ant2	2452	-22.55	≤8.00	PASS
	total	2452	-20.07	≤8.00	PASS



Test plot as follows:



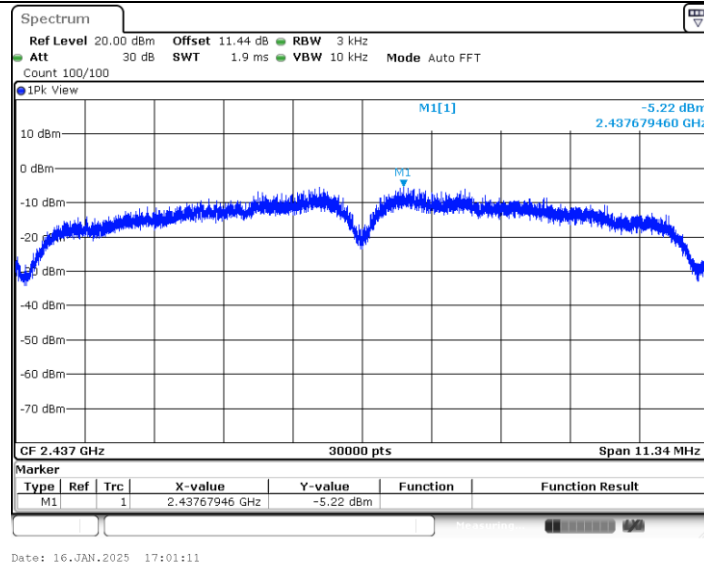
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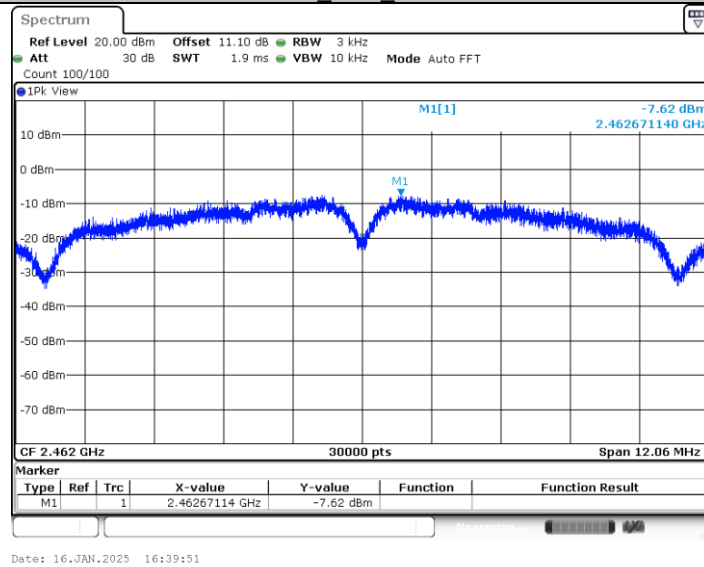
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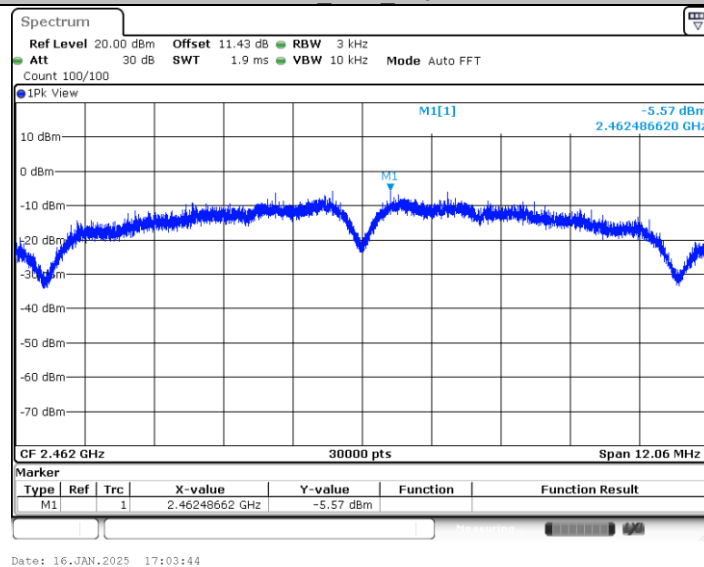
TRF No: CTC-TR-057_A2



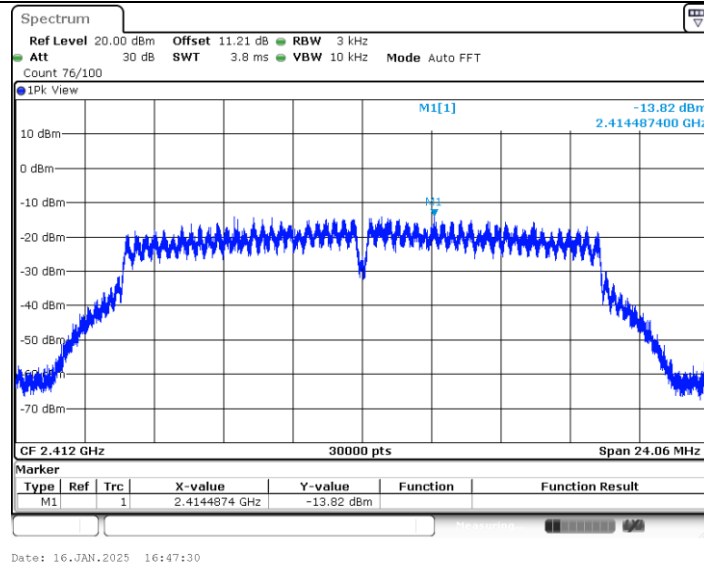
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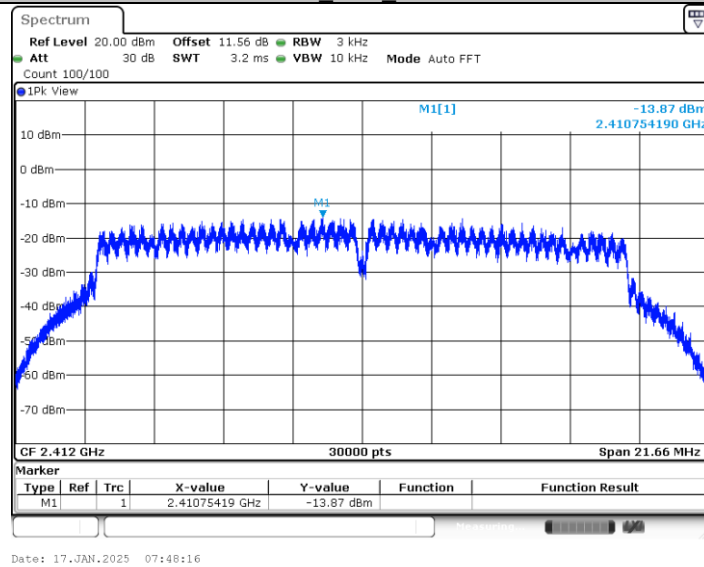
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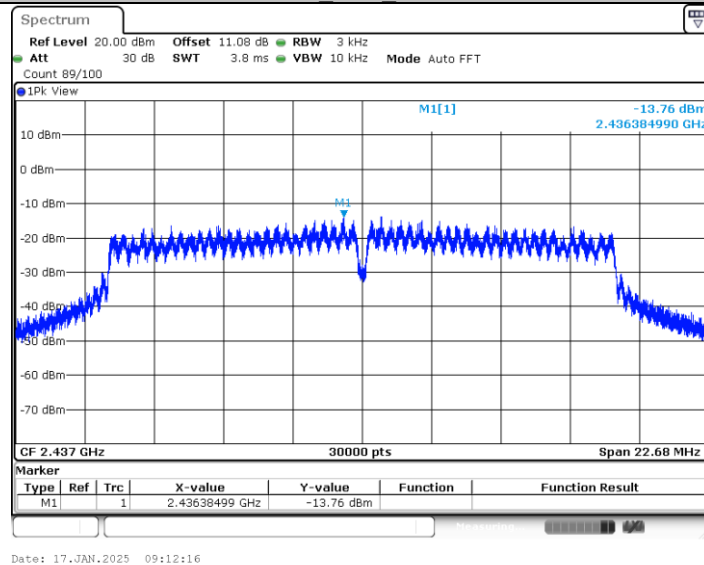
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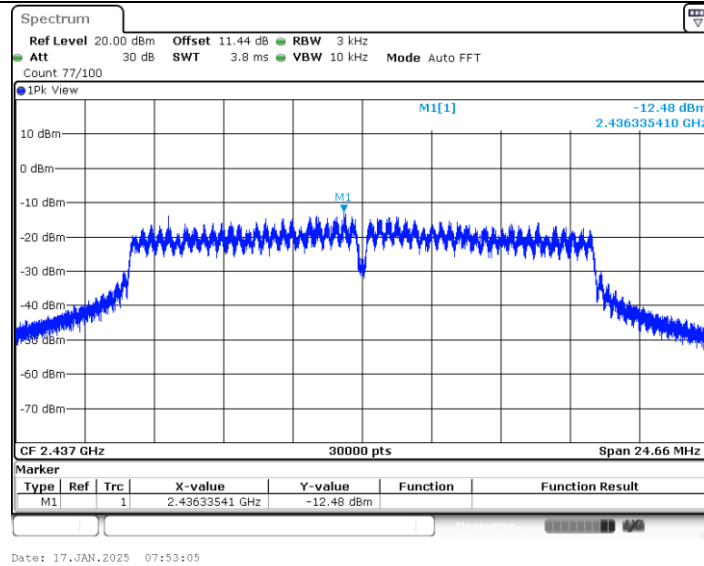
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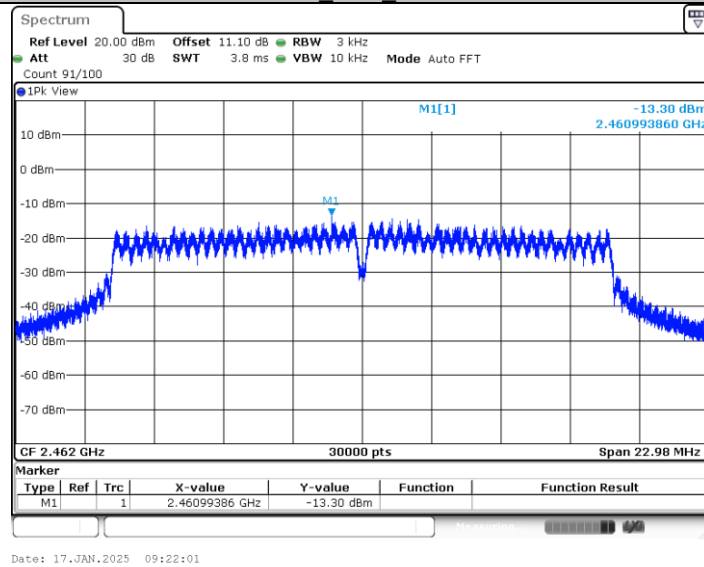
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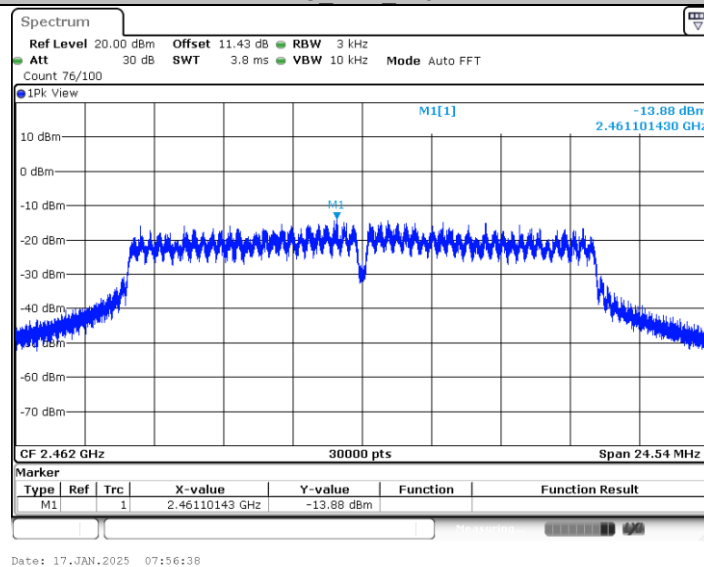
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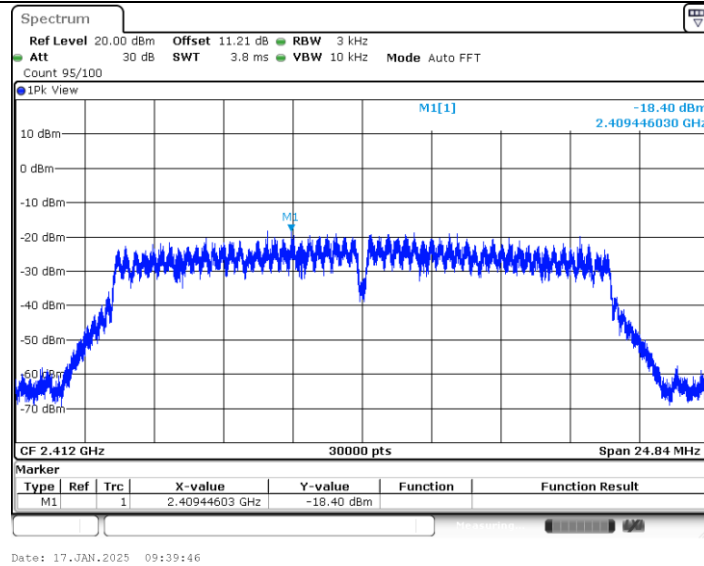
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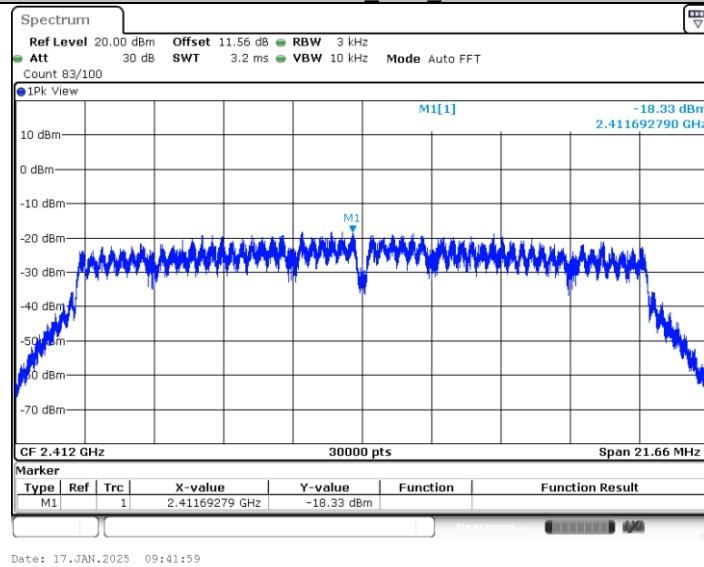
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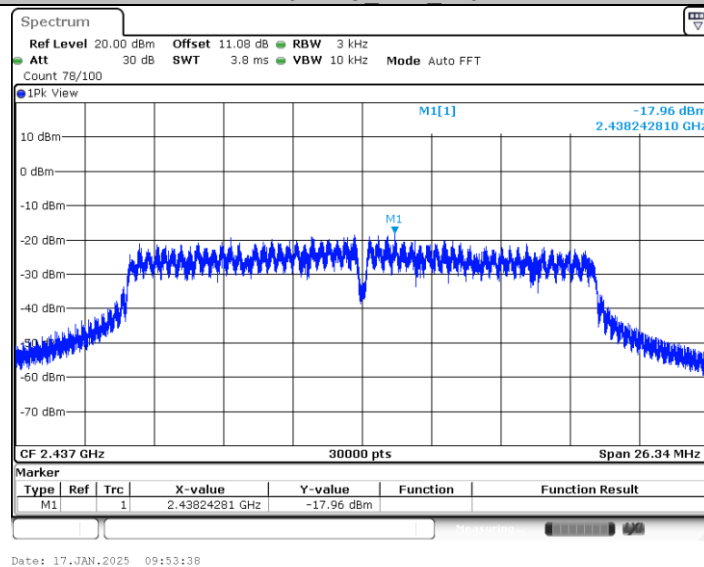
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11N20MIMO_Ant2_2412



11N20MIMO_Ant1_2437



11N20MIMO_Ant2_2437

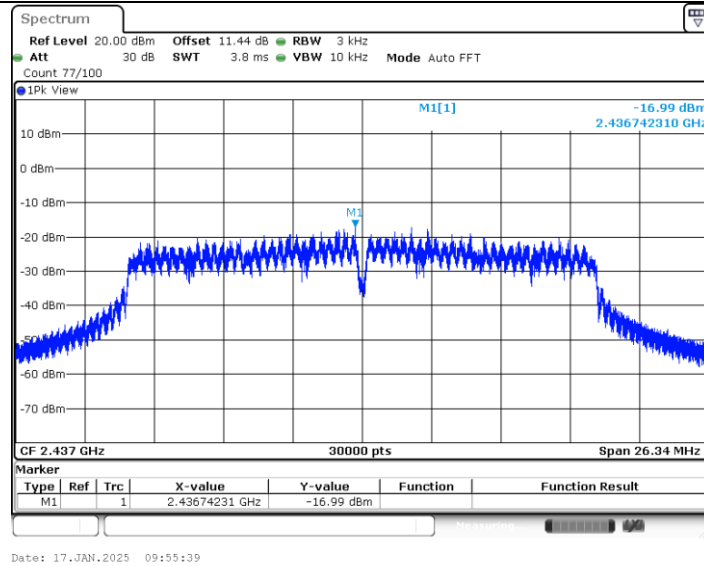
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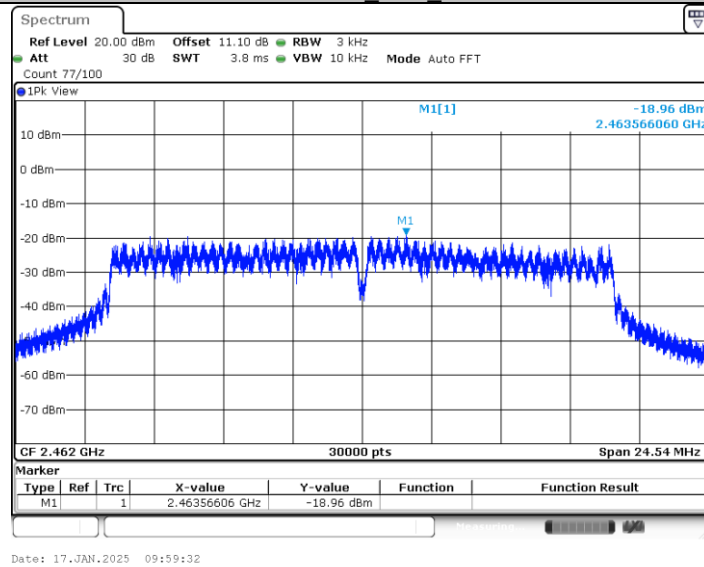
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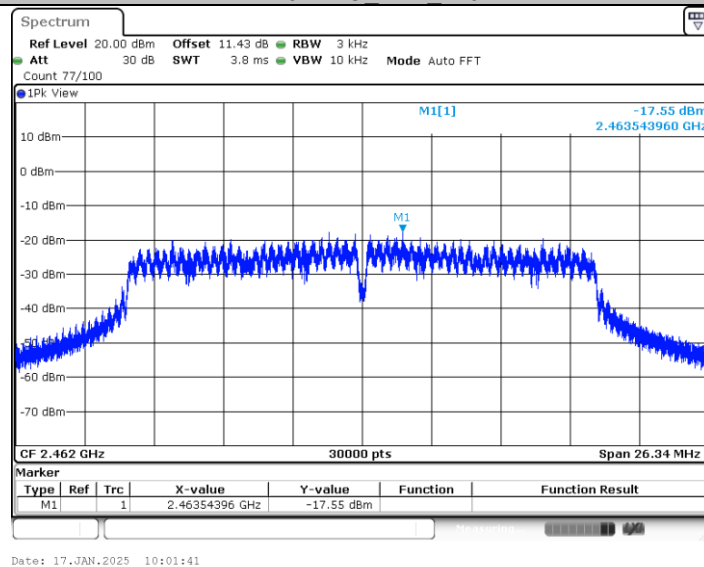
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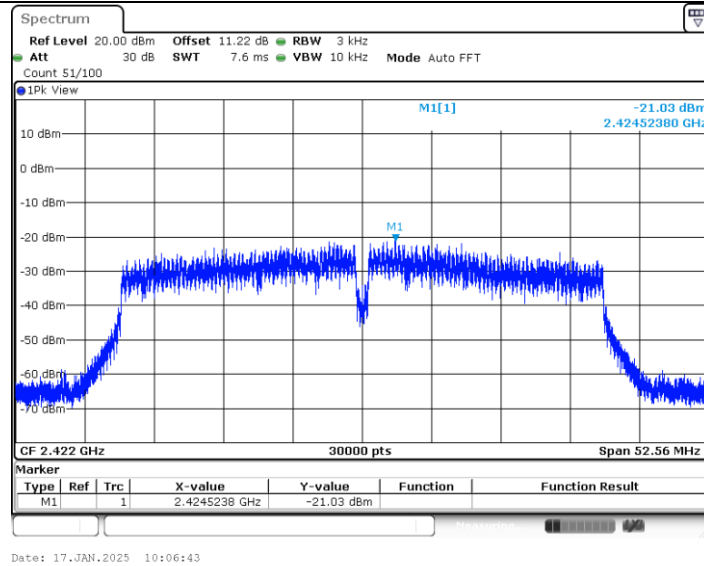
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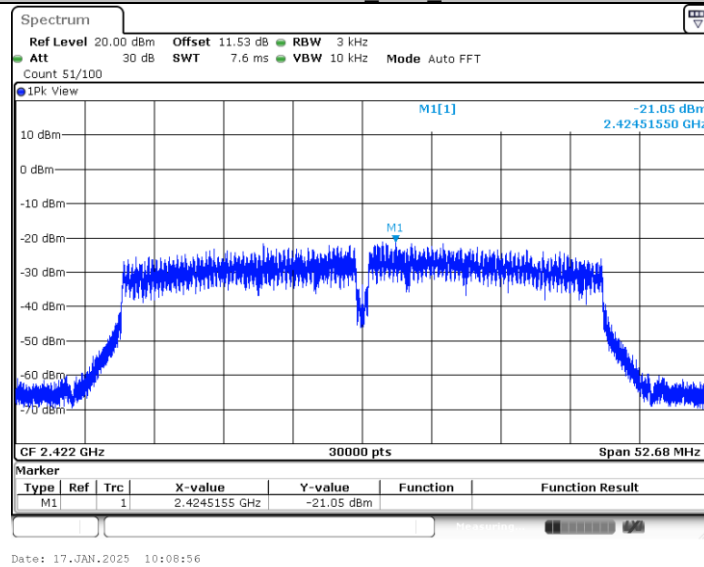
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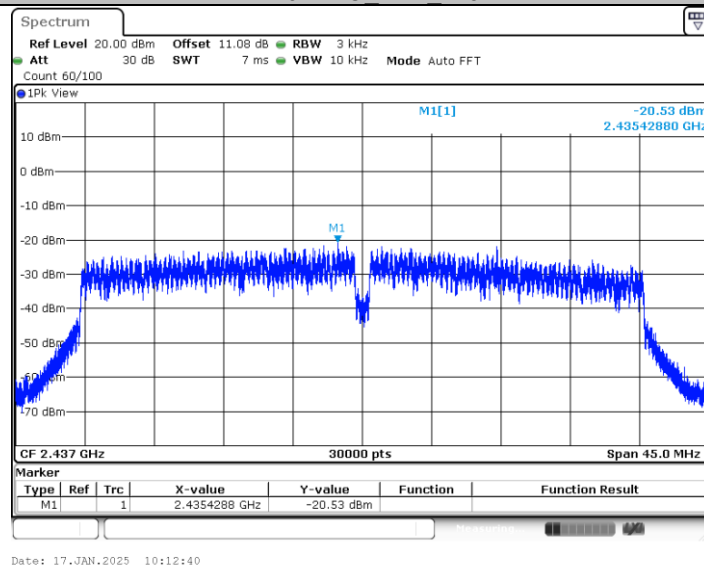
11N40MIMO Ant1 2422



11N40MIMO_Ant2_2422



11N40MIMO_Ant1_2437



11N40MIMO_Ant2_2437

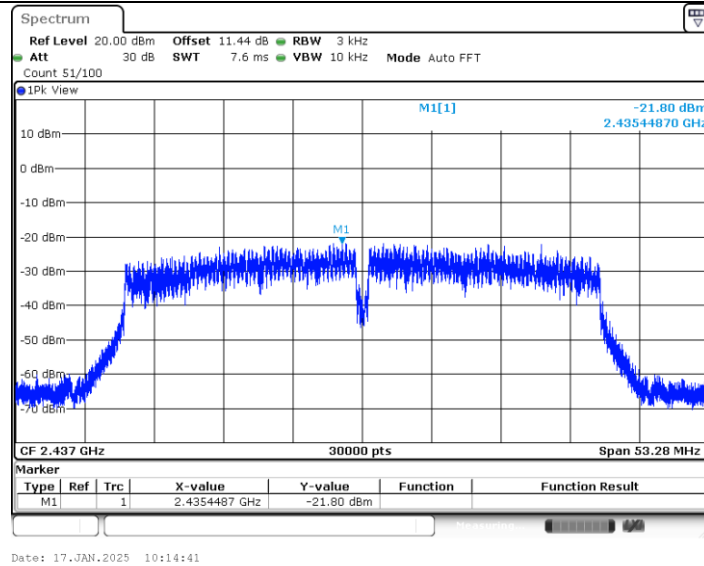
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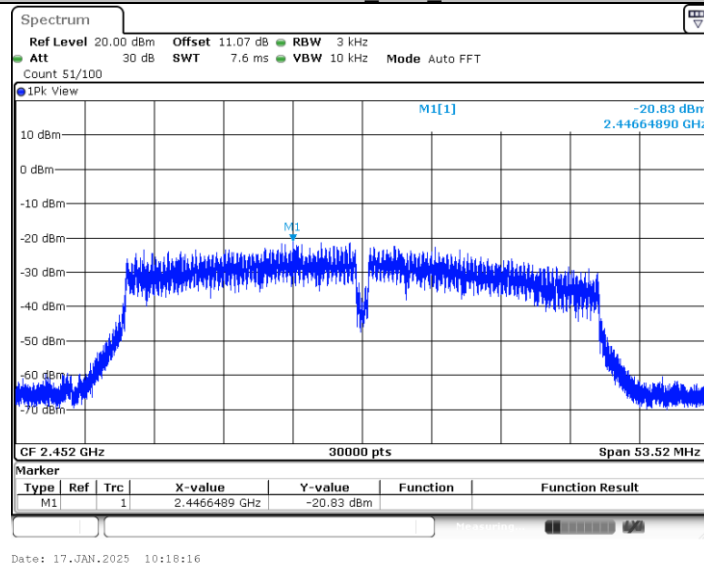
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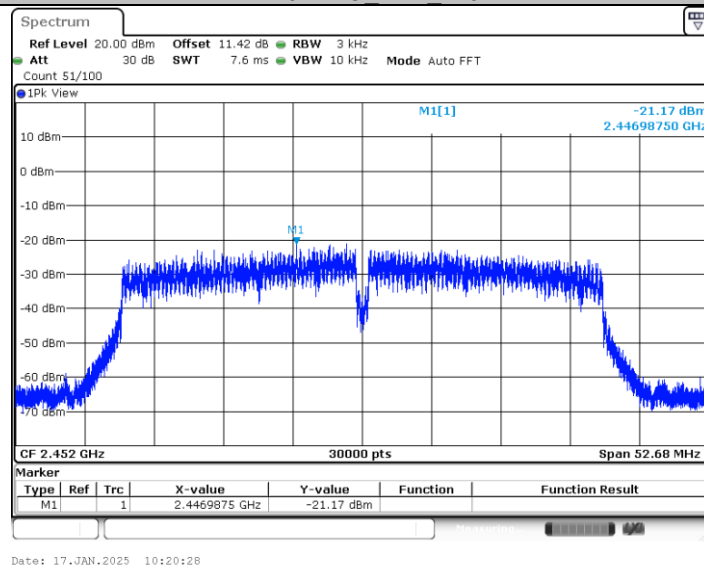
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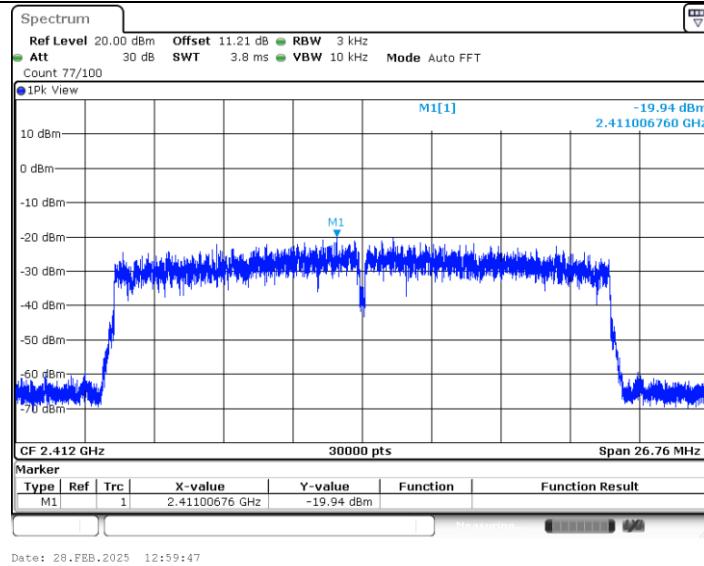
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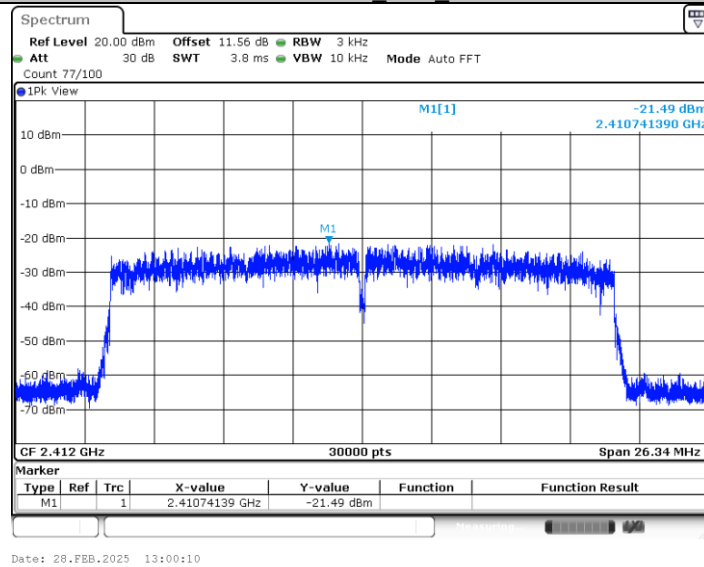
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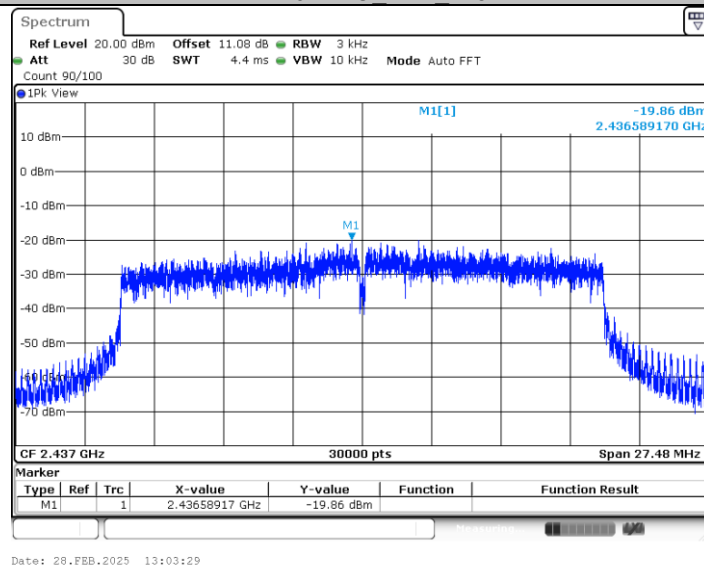
11AX20MIMO Ant1 2412



11AX20MIMO_Ant2_2412



11AX20MIMO_Ant1_2437



11AX20MIMO_Ant2_2437

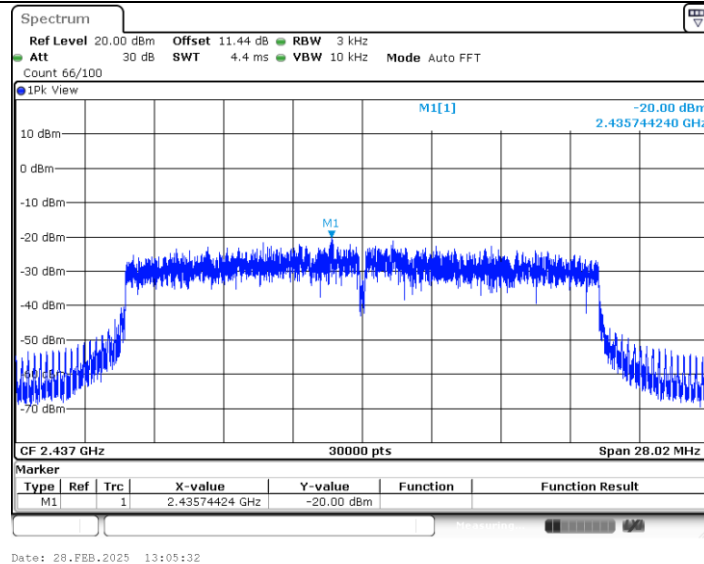
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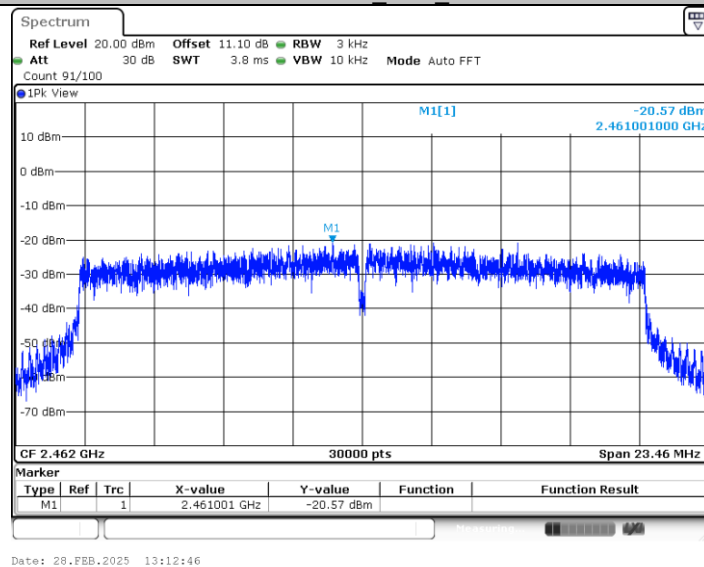
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Society : yz.cncaq.com

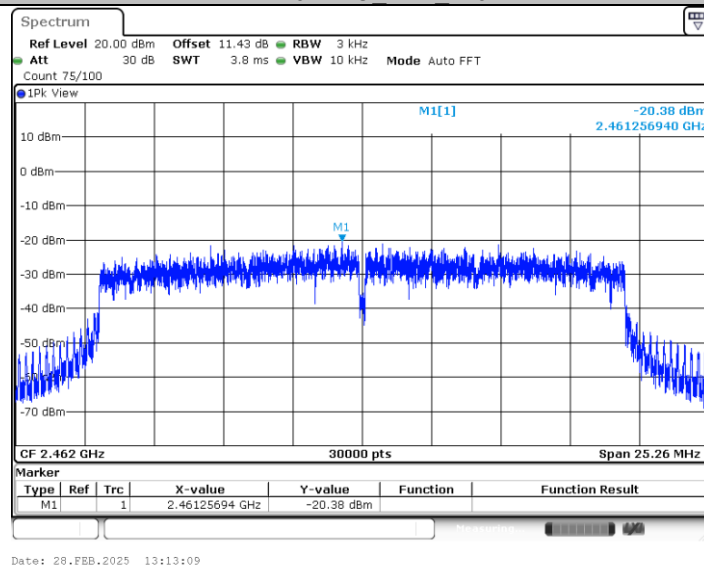
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11AX20MIMO_Ant1_2462



11AX20MIMO_Ant2_2462



11AX40MIMO_Ant1_2422