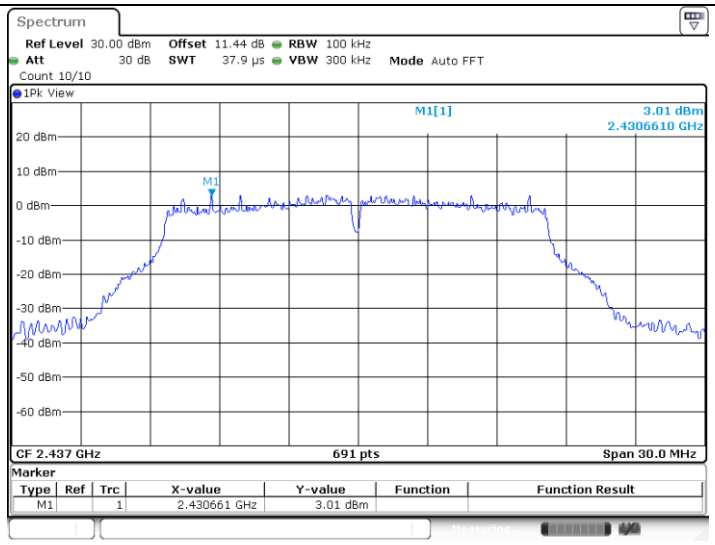
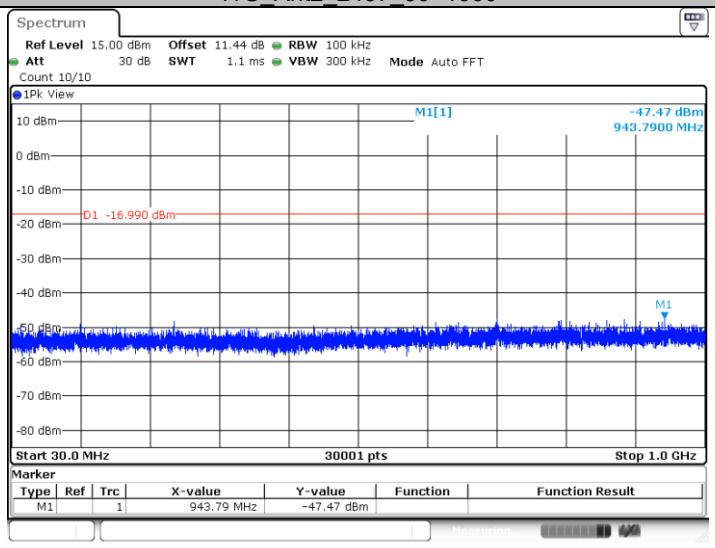


11G_Ant2_2437_30~1000



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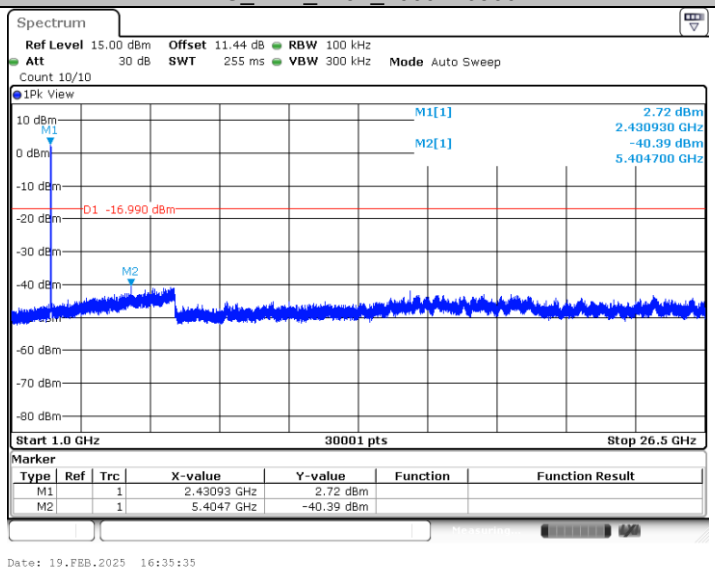

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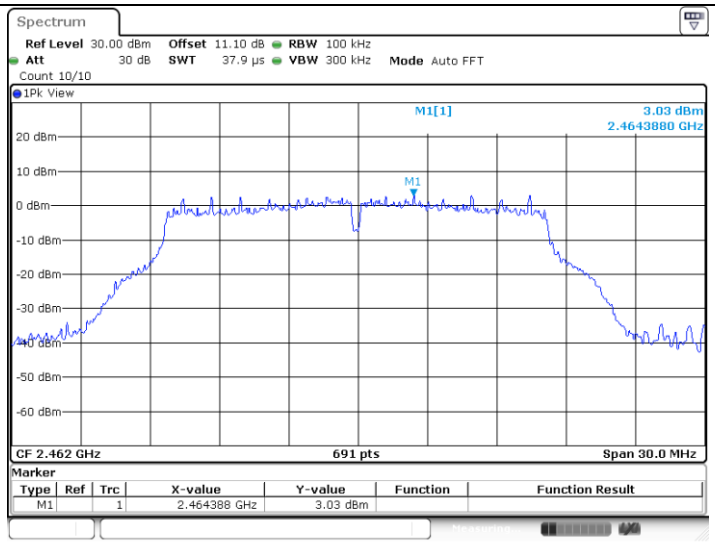

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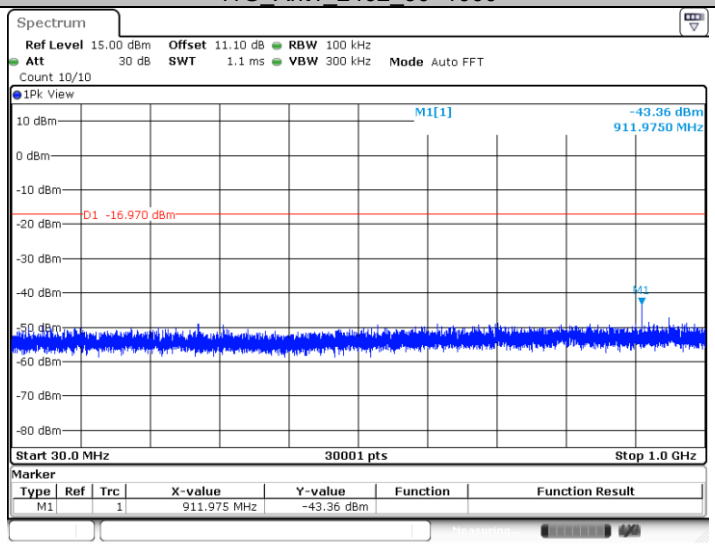

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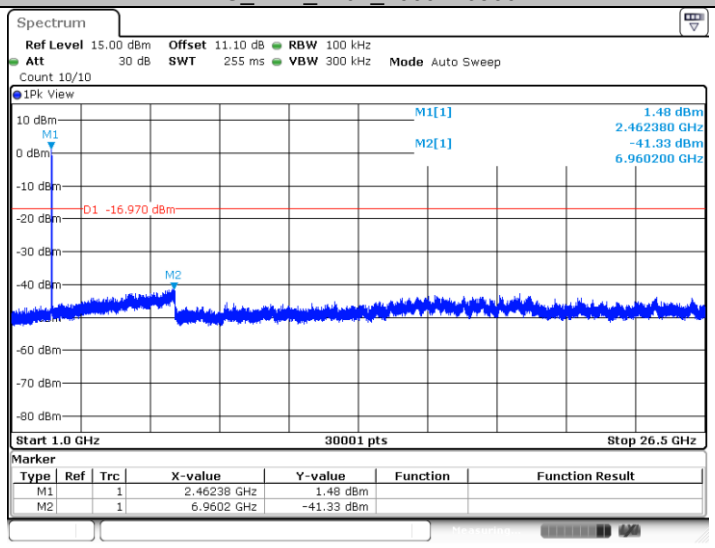

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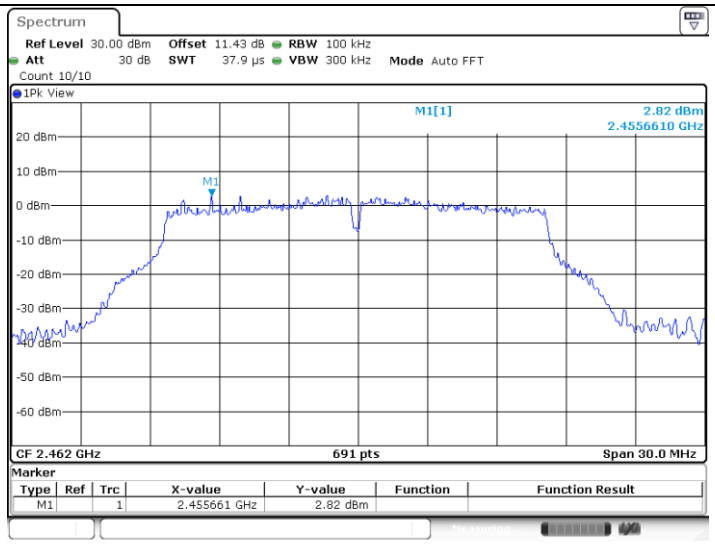

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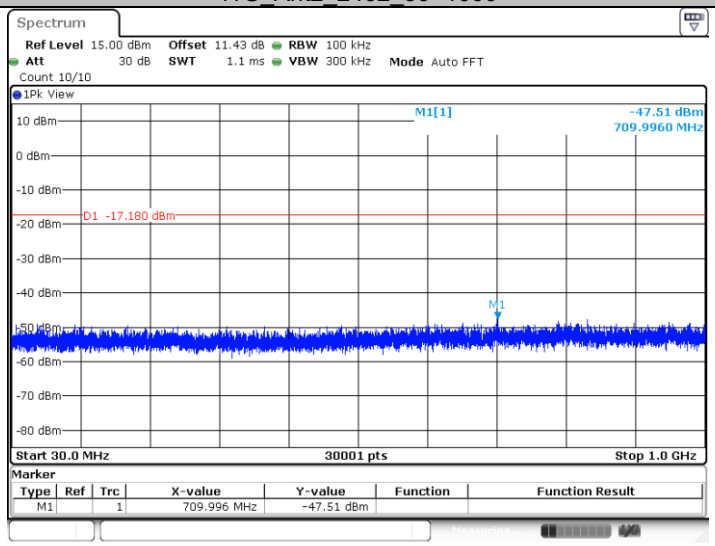

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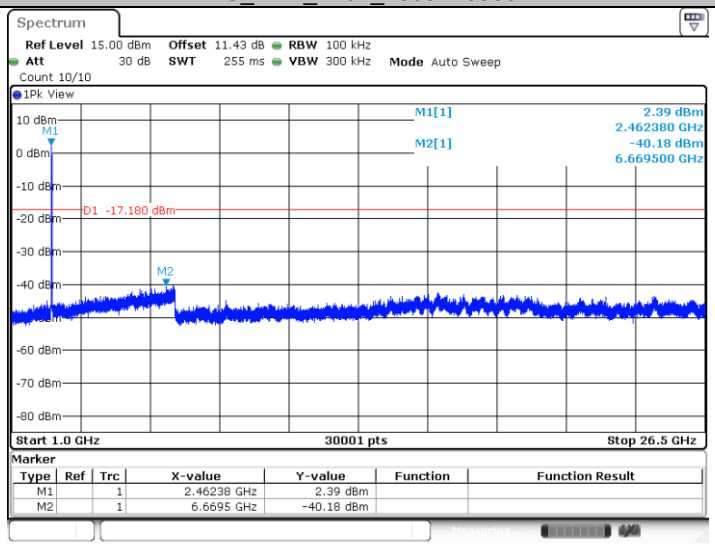

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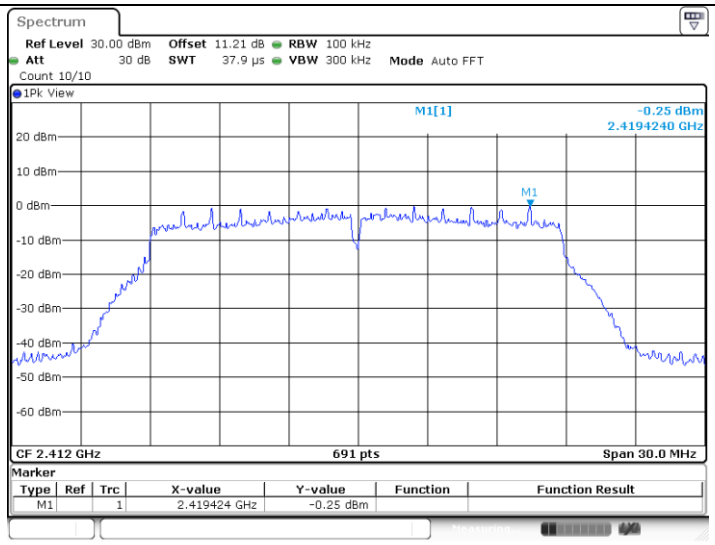
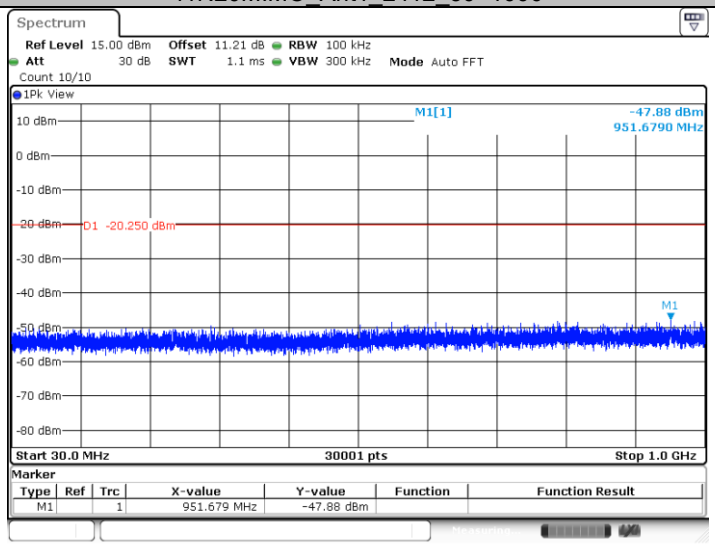


11N20MIMO_Ant1_2412_30~1000



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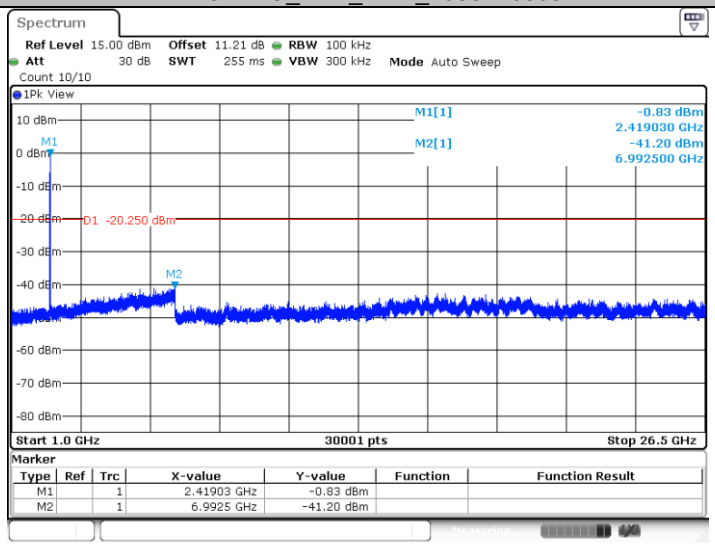

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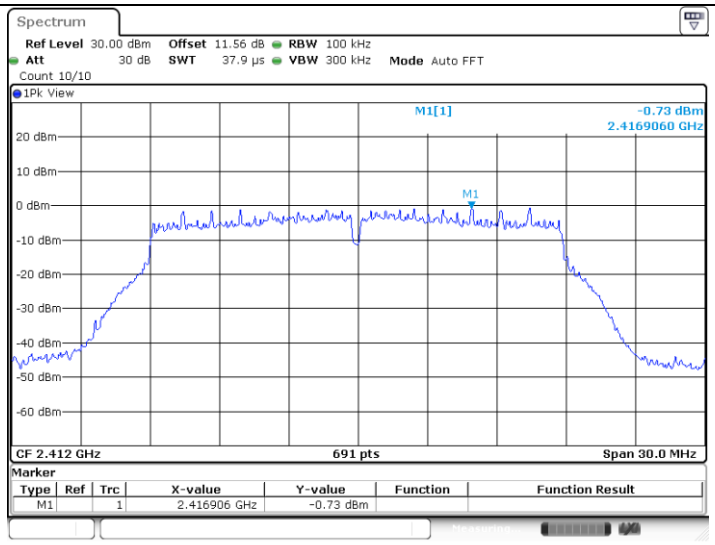
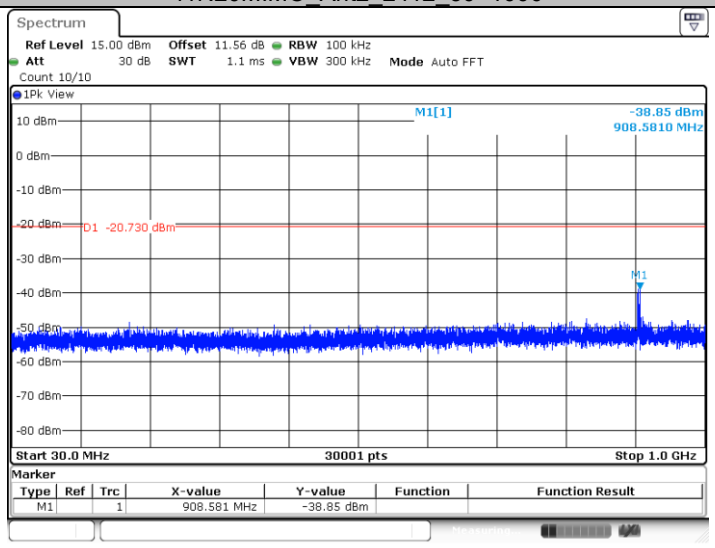
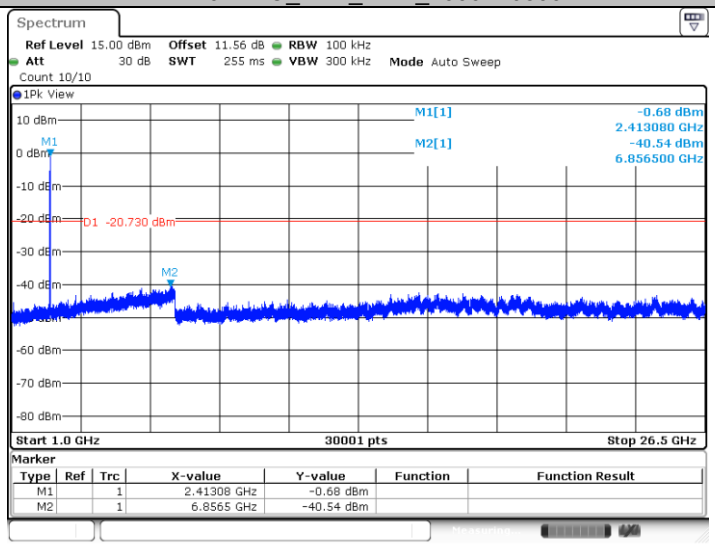


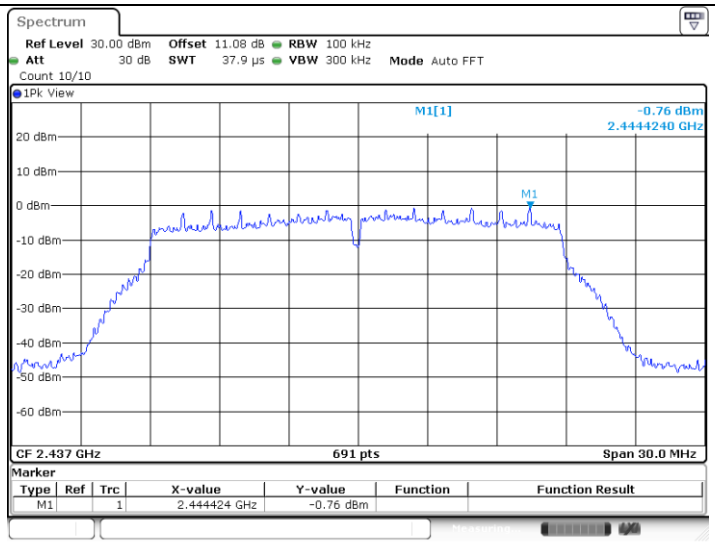
11N20MIMO_Ant2_2412_30~1000



11N20MIMO_Ant2_2412_1000~26500



11N20MIMO_Ant1_2437_0~Reference



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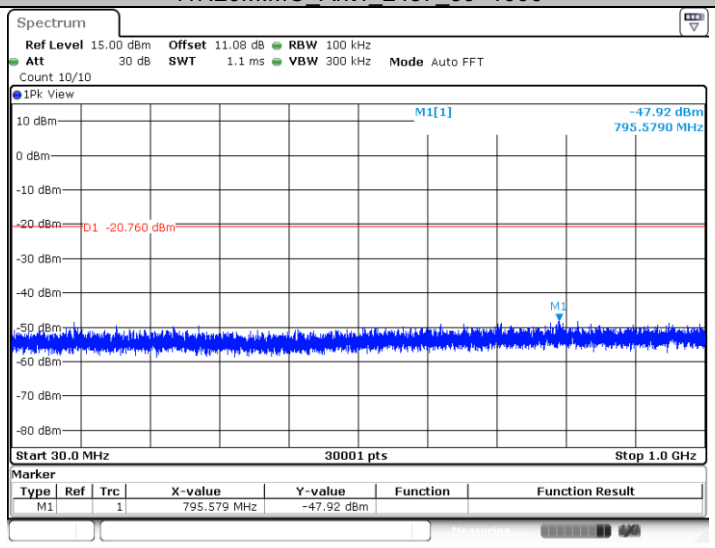
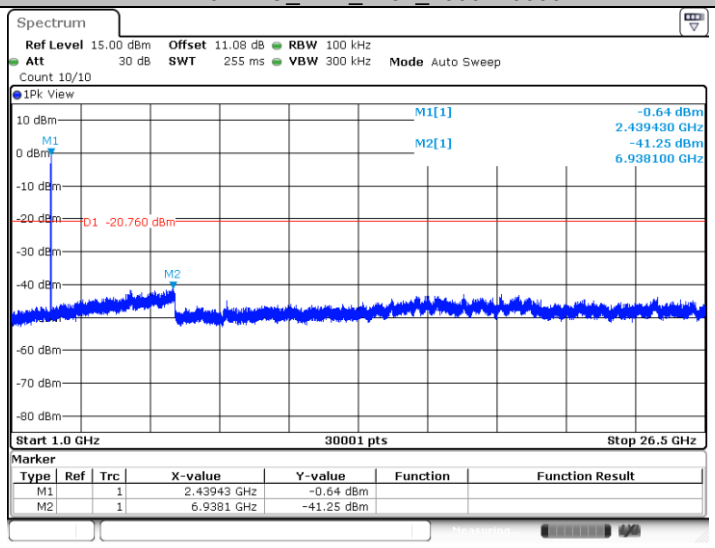
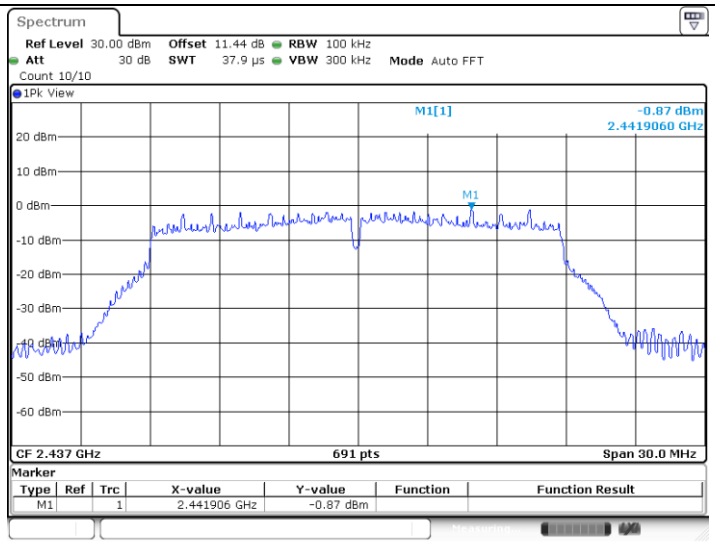


11N20MIMO_Ant1_2437_1000~26500



11N20MIMO_Ant2_2437_0~Reference



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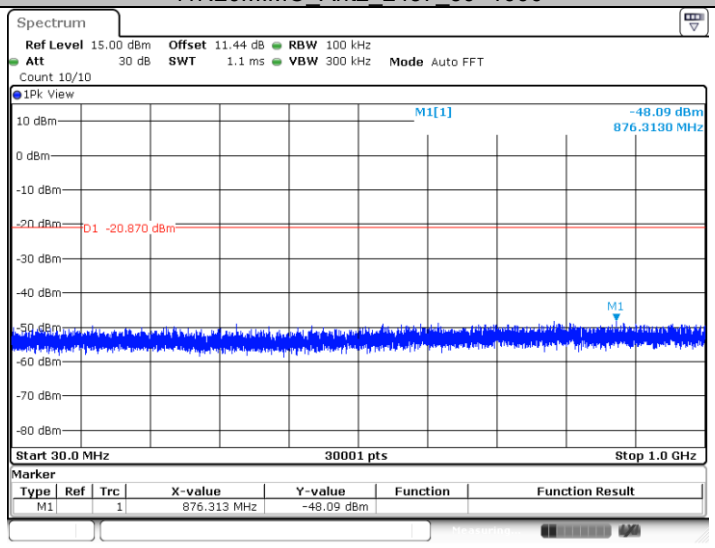
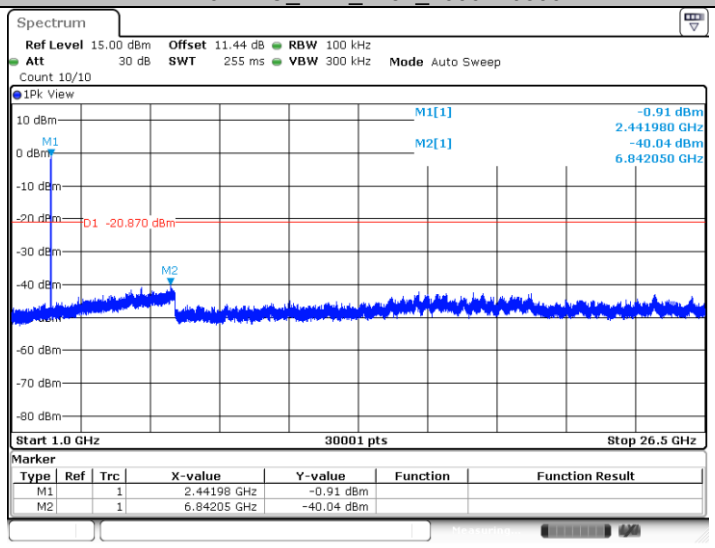
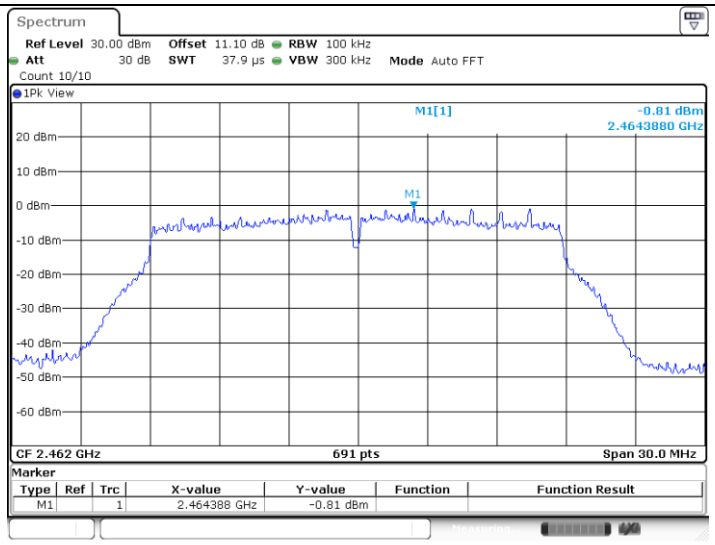


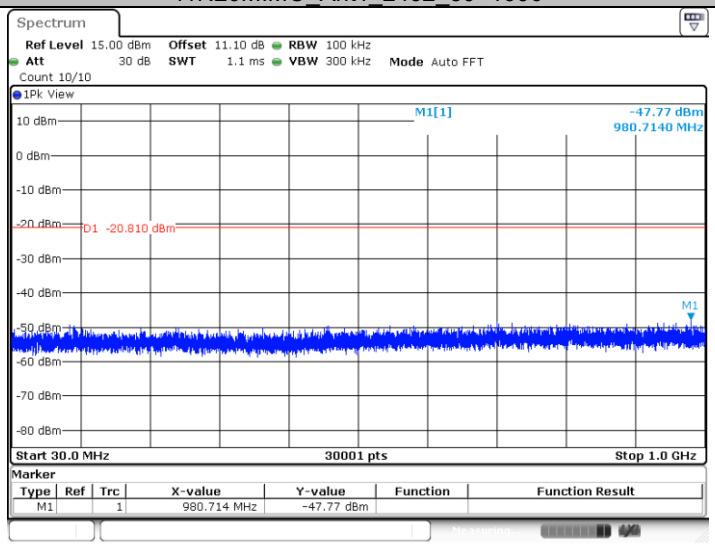
11N20MIMO_Ant2_2437_1000~26500



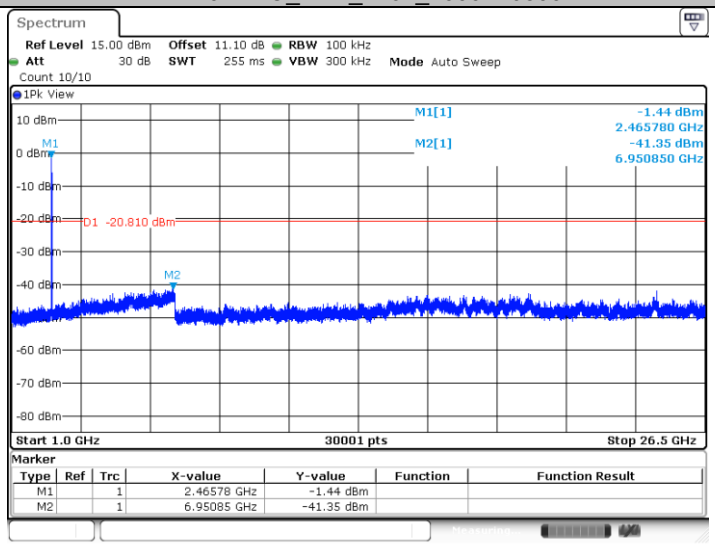
11N20MIMO_Ant1_2462_0~Reference



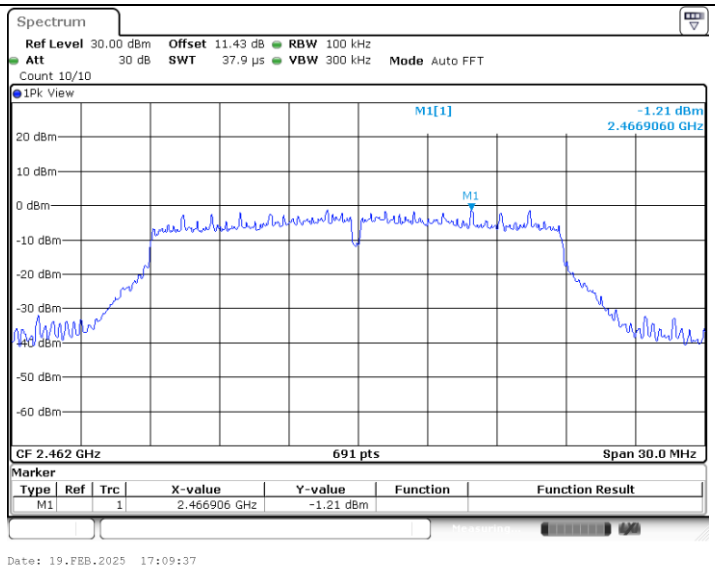
11N20MIMO_Ant1_2462_30~1000



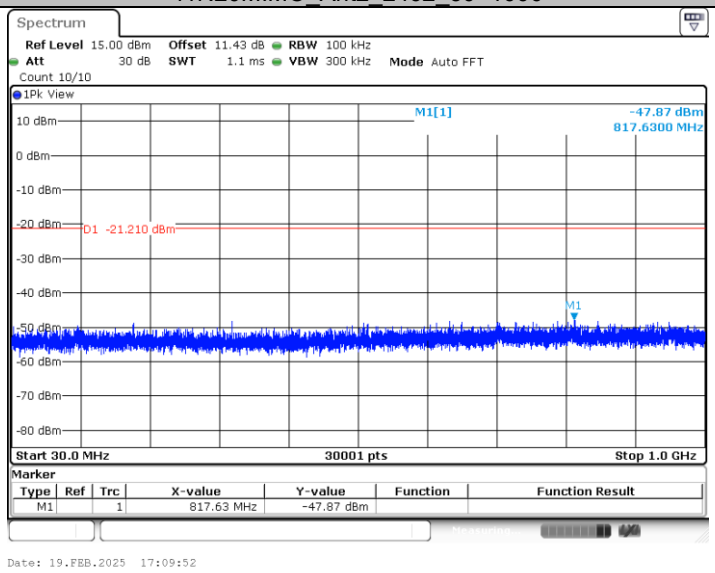
11N20MIMO_Ant1_2462_1000~26500



11N20MIMO_Ant2_2462_0~Reference



11N20MIMO_Ant2_2462_30~1000



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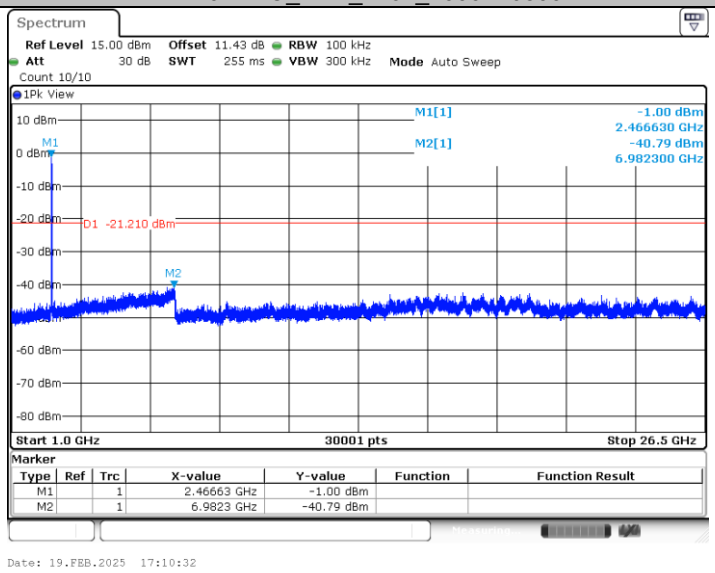

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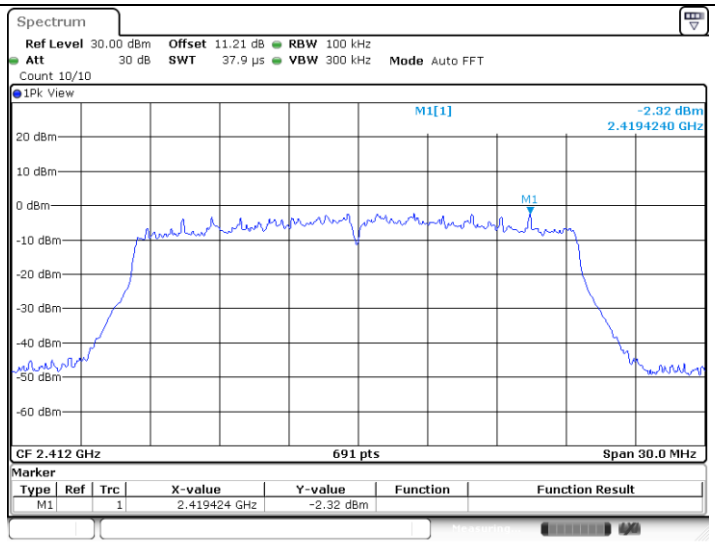

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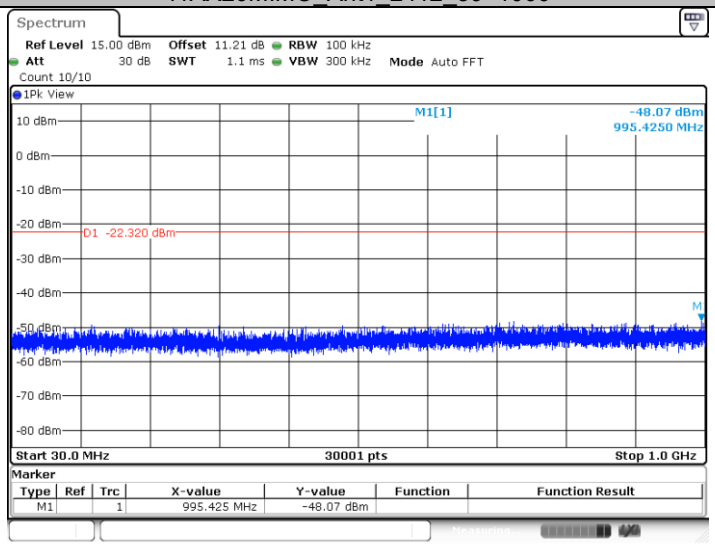

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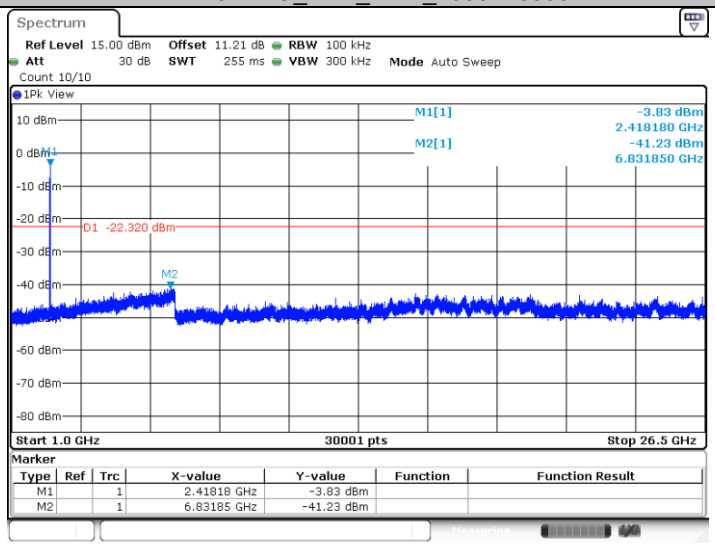

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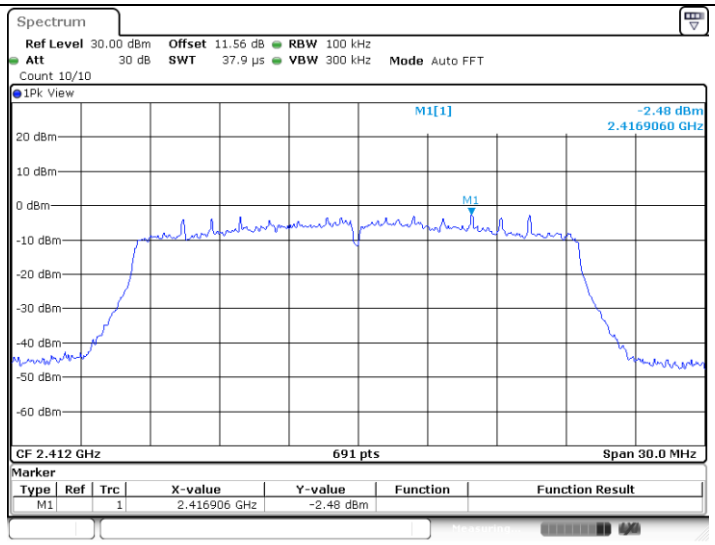

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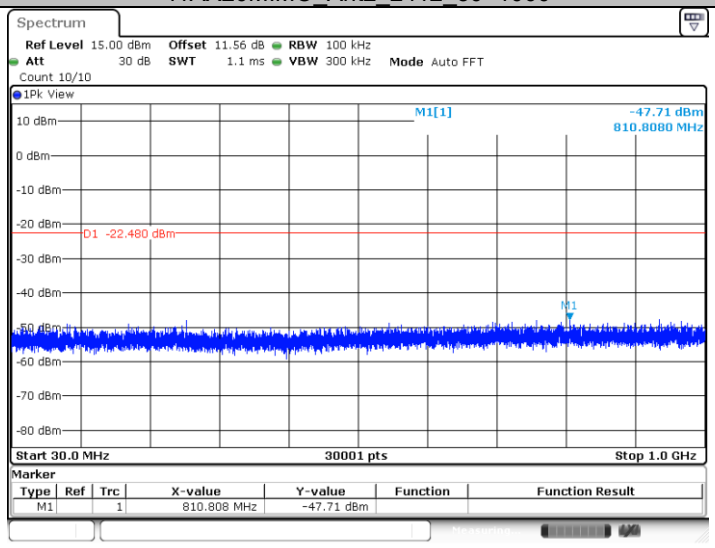

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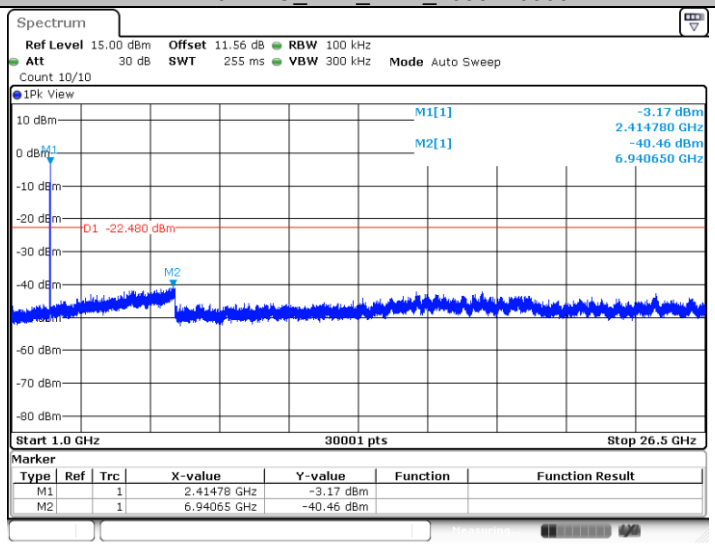

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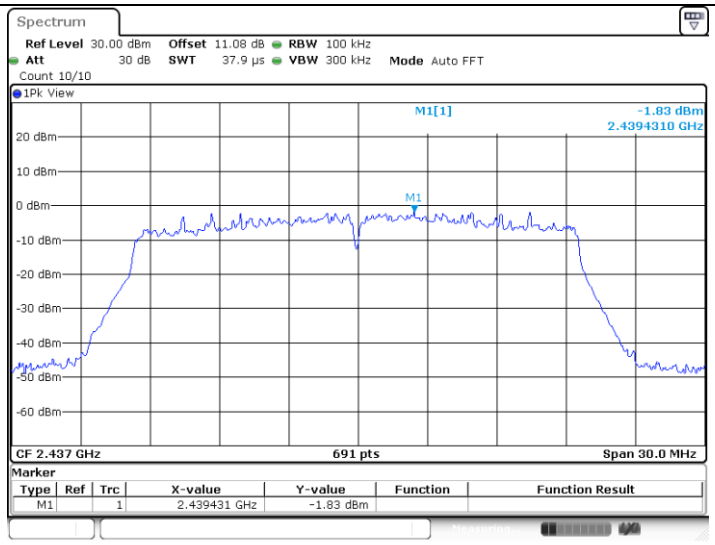

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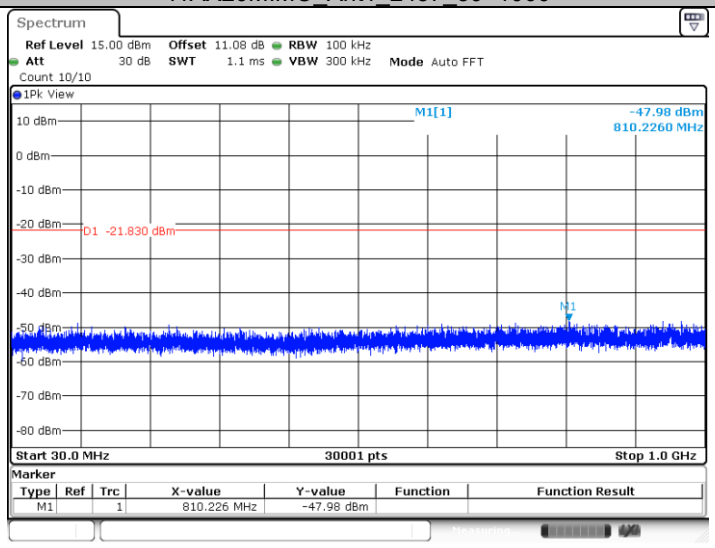
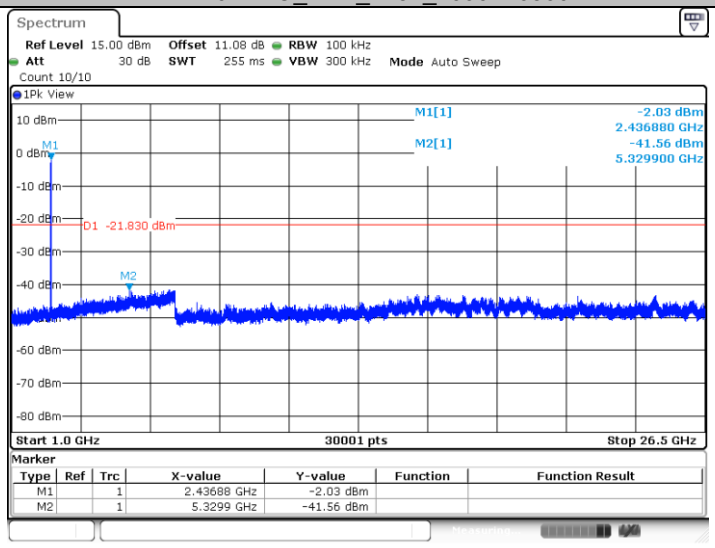


11AX20MIMO_Ant1_2437_1000~26500



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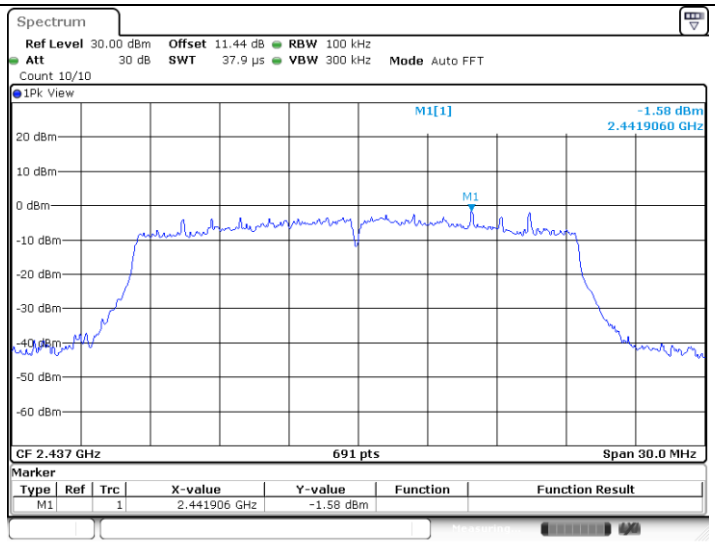

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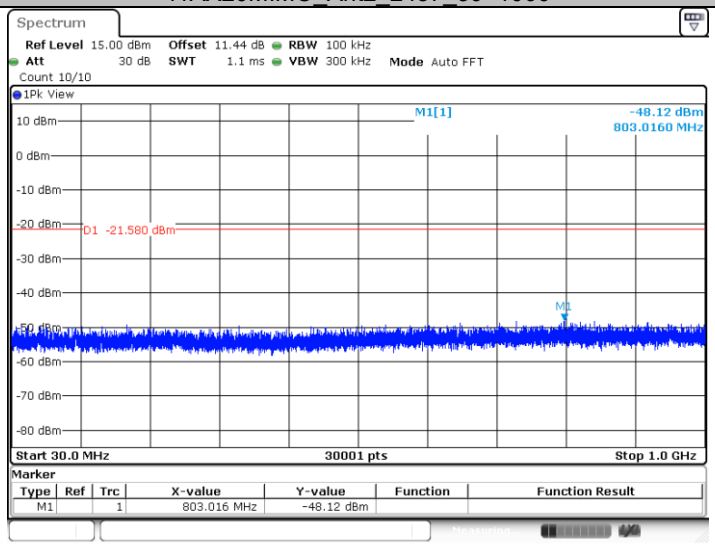
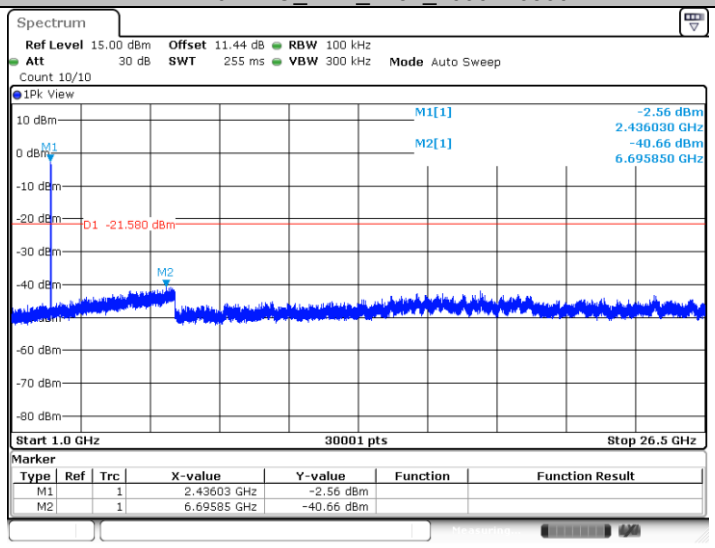
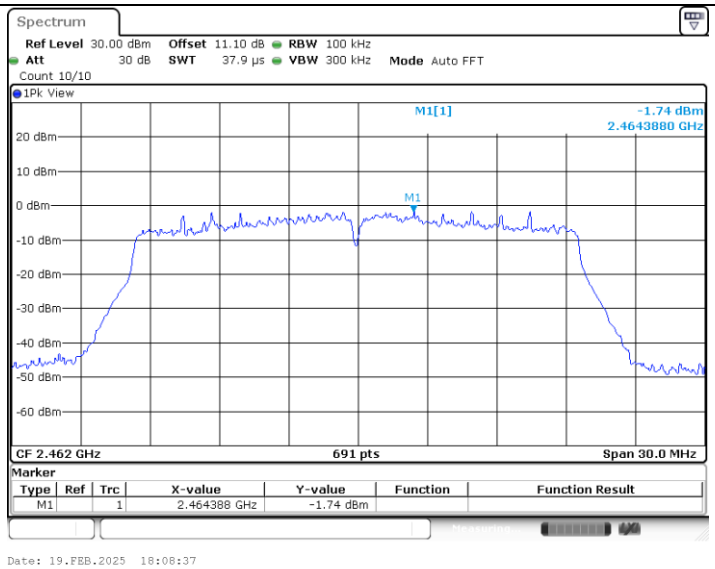


11AX20MIMO_Ant2_2437_1000~26500



11AX20MIMO_Ant1_2462_0~Reference



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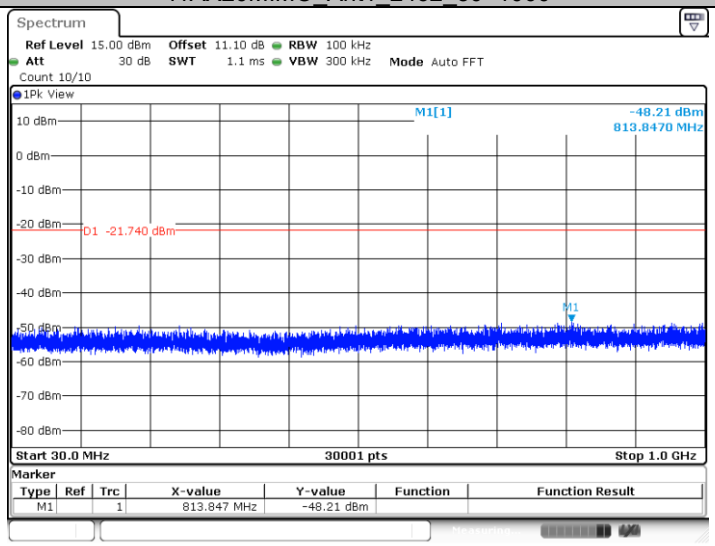
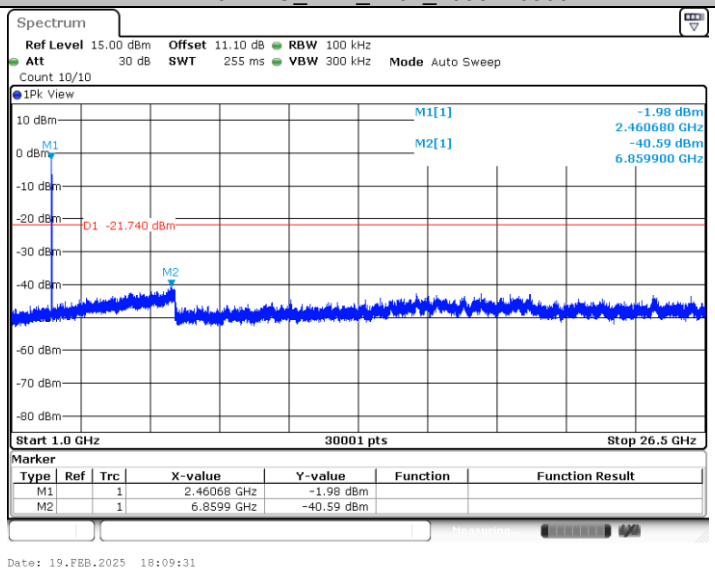
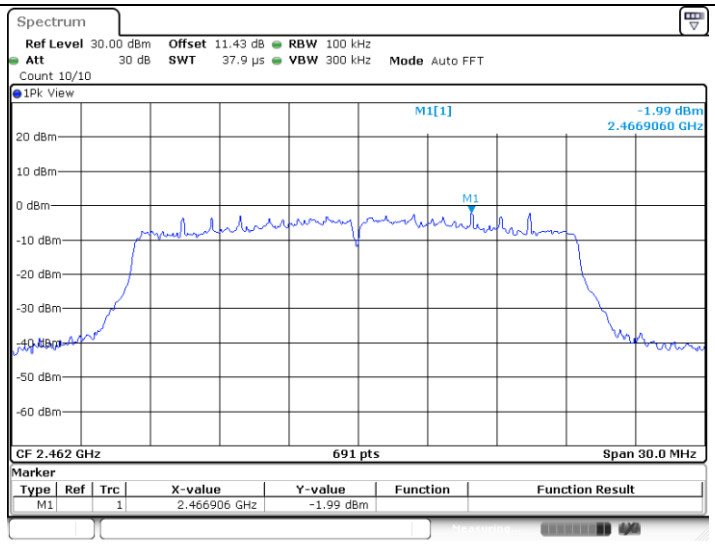


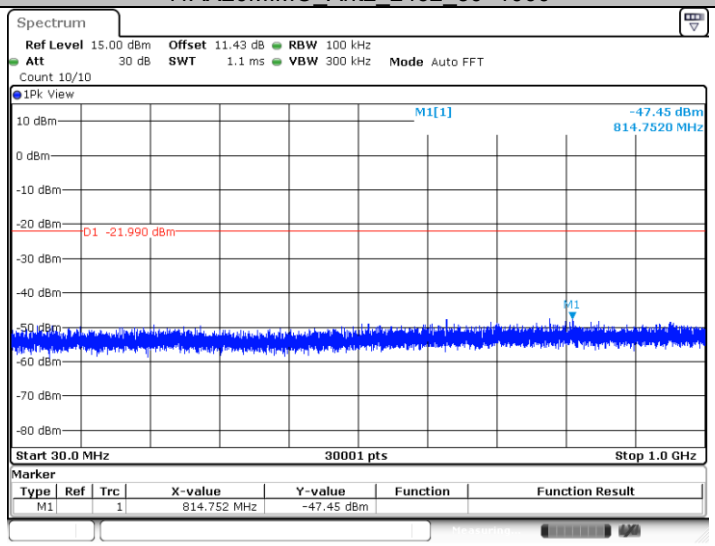
11AX20MIMO_Ant1_2462_1000~26500



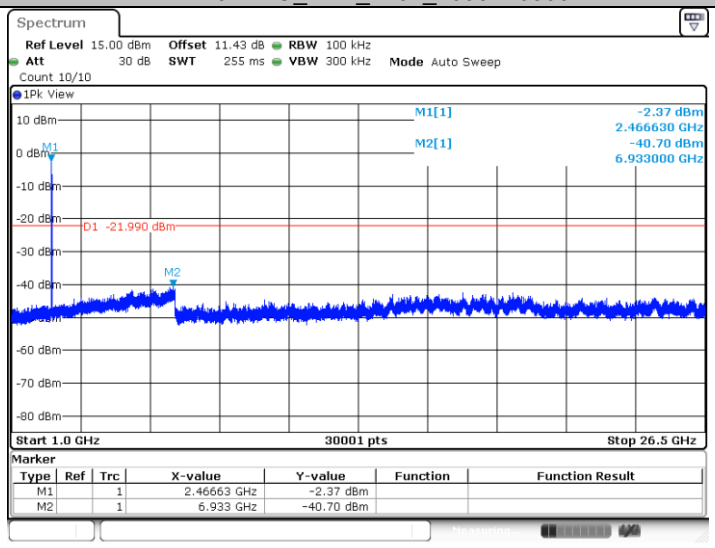
11AX20MIMO_Ant2_2462_0~Reference



11AX20MIMO_Ant2_2462_30~1000



11AX20MIMO_Ant2_2462_1000~26500



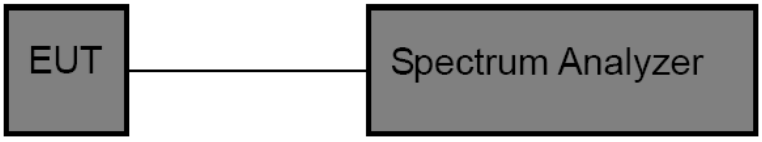
3.5. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2)

Test Item	Limit	Frequency Range (MHz)
DTS Bandwidth	⩾500 kHz (6dB bandwidth)	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. DTS Spectrum Setting:
   (1) Set RBW = 100 kHz.
   (2) Set the video bandwidth (VBW) ≥ 3 RBW.
   (3) Detector = Peak.
   (4) Trace mode = Max hold.
   (5) Sweep = Auto couple.
   OCB Spectrum Setting:
   (1) Set RBW = 1% ~ 5% occupied bandwidth.
   (2) Set the video bandwidth (VBW) ≥ 3 RBW.
   (3) Detector = Peak.
   (4) Trace mode = Max hold.
   (5) Sweep = Auto couple.

NOTE: The EUT was set to continuously transmitting in each mode and low, Middle and high channel for the test.

Test Mode

Please refer to the clause 2.4.

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.828	7.08	2408.36	2415.44	0.5	PASS
	Ant2	2412	11.189	7.52	2408.40	2415.92	0.5	PASS
	Ant1	2437	11.149	7.08	2433.84	2440.92	0.5	PASS
	Ant2	2437	11.229	7.56	2433.36	2440.92	0.5	PASS
	Ant1	2462	11.189	7.08	2458.36	2465.44	0.5	PASS
	Ant2	2462	11.309	7.08	2458.36	2465.44	0.5	PASS
11G	Ant1	2412	17.063	16.36	2403.72	2420.08	0.5	PASS
	Ant2	2412	17.183	16.32	2403.76	2420.08	0.5	PASS
	Ant1	2437	17.303	16.32	2428.76	2445.08	0.5	PASS
	Ant2	2437	17.263	16.32	2428.76	2445.08	0.5	PASS
	Ant1	2462	18.022	16.36	2453.72	2470.08	0.5	PASS
	Ant2	2462	17.063	16.32	2453.76	2470.08	0.5	PASS
11N20MIMO	Ant1	2412	18.102	17.52	2403.16	2420.68	0.5	PASS
	Ant2	2412	18.102	17.56	2403.12	2420.68	0.5	PASS
	Ant1	2437	18.302	17.16	2428.52	2445.68	0.5	PASS
	Ant2	2437	18.342	17.56	2428.12	2445.68	0.5	PASS
	Ant1	2462	18.701	17.56	2453.12	2470.68	0.5	PASS
	Ant2	2462	17.982	17.56	2453.12	2470.68	0.5	PASS
11AX20MIMO	Ant1	2412	19.101	17.92	2403.12	2421.04	0.5	PASS
	Ant2	2412	19.101	18.40	2402.88	2421.28	0.5	PASS
	Ant1	2437	19.181	17.48	2428.96	2446.44	0.5	PASS
	Ant2	2437	19.181	19.00	2427.44	2446.44	0.5	PASS
	Ant1	2462	19.021	18.16	2453.12	2471.28	0.5	PASS
	Ant2	2462	19.061	17.04	2454.32	2471.36	0.5	PASS

99% Bandwidth:

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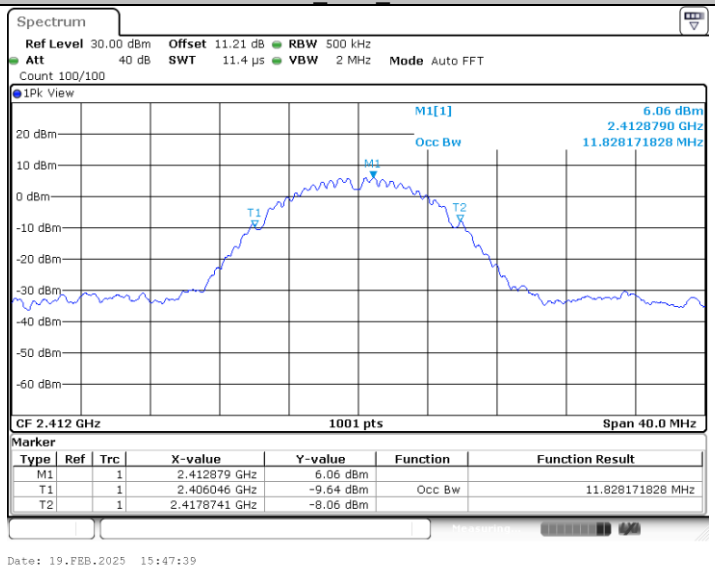

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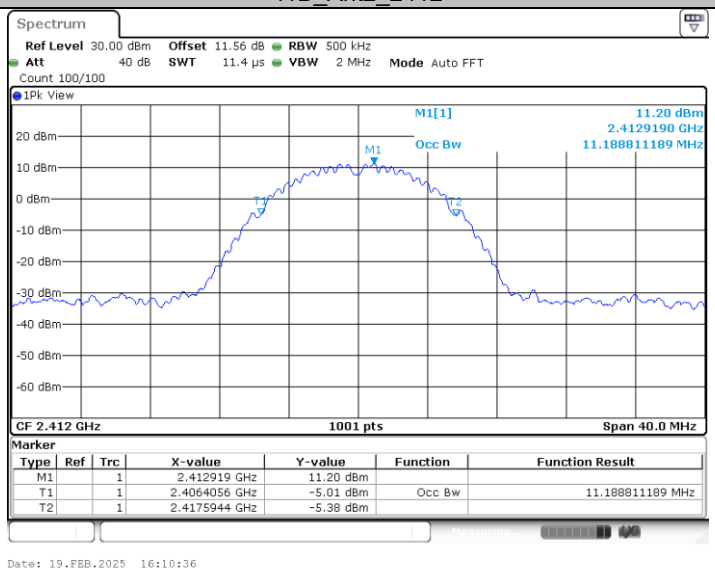

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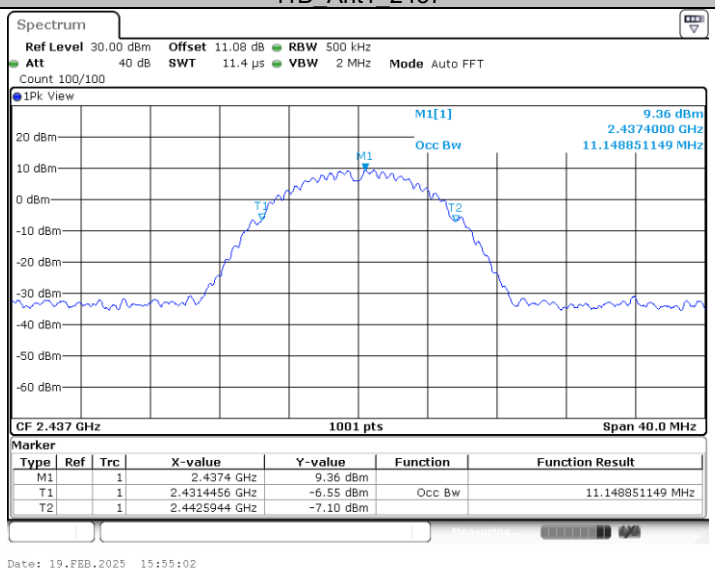

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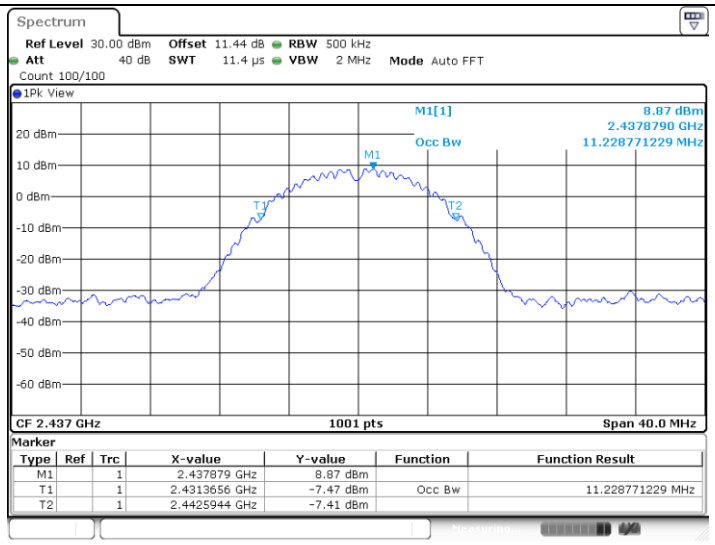

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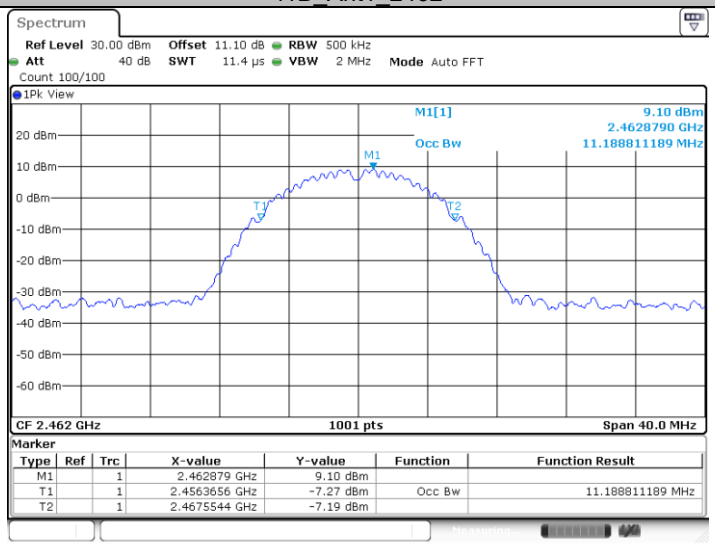

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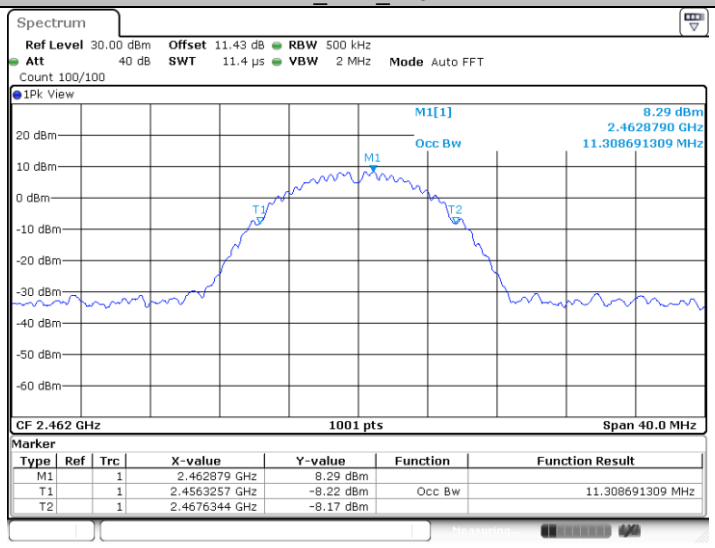

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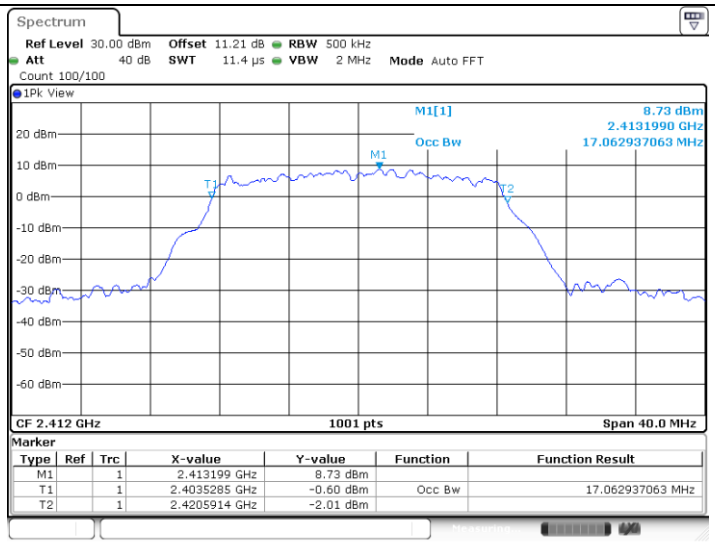

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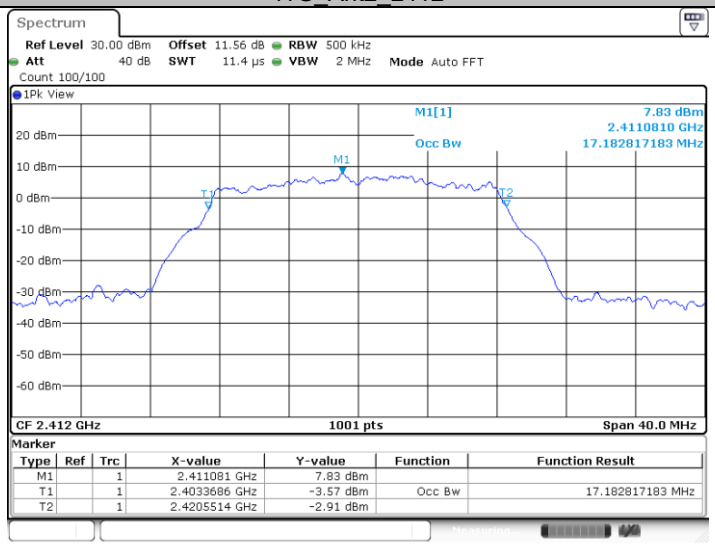

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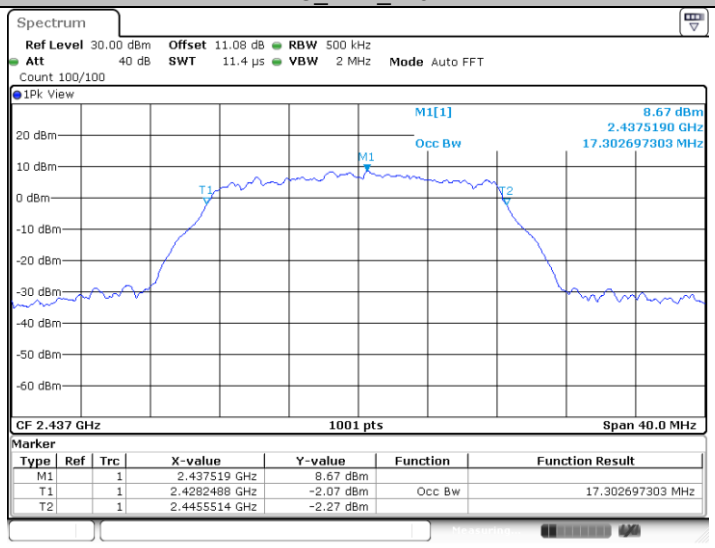

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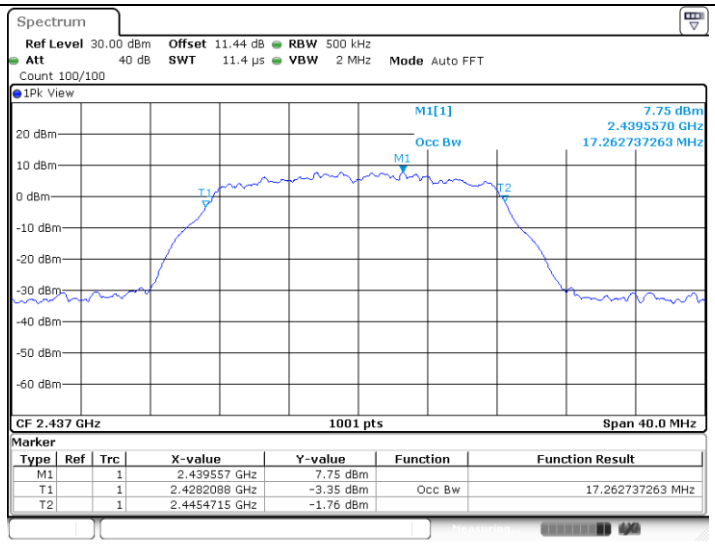

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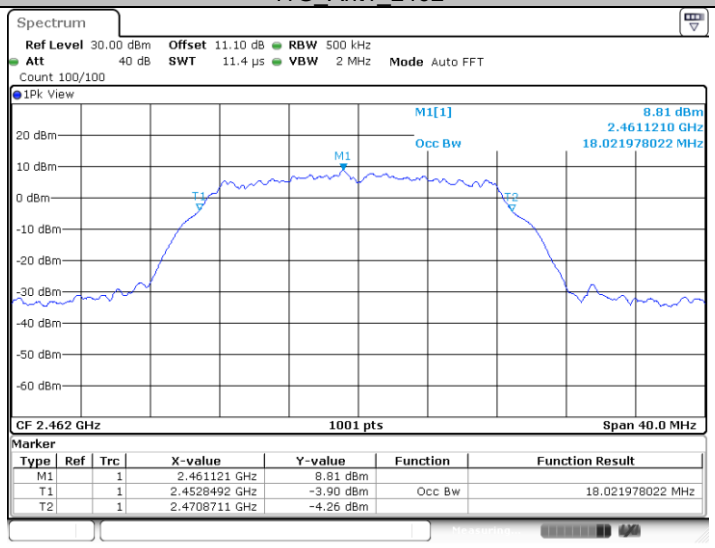

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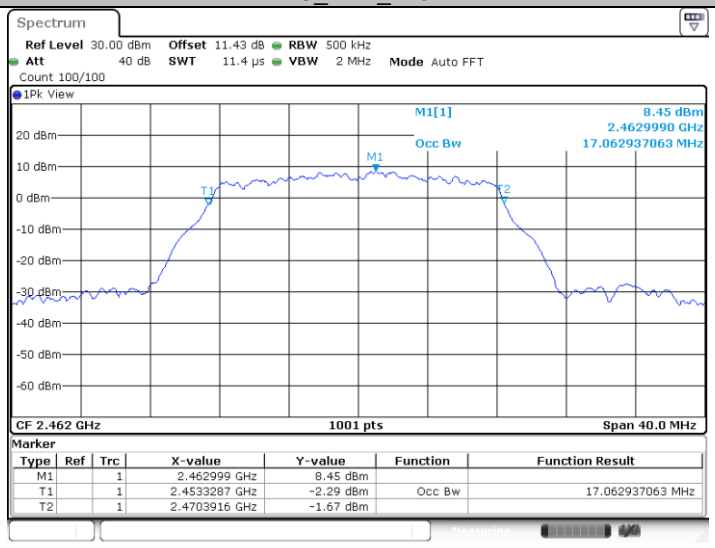

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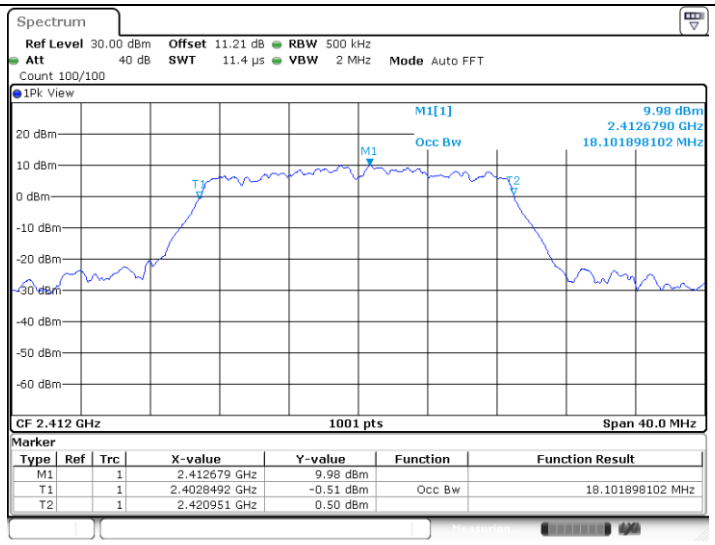

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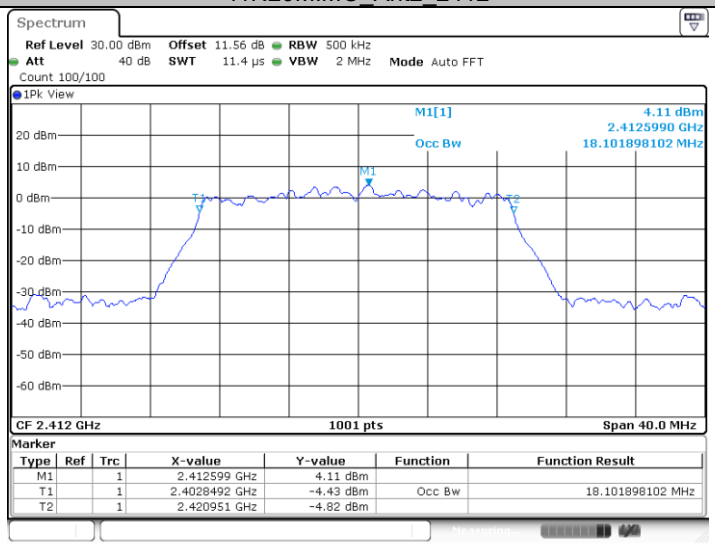

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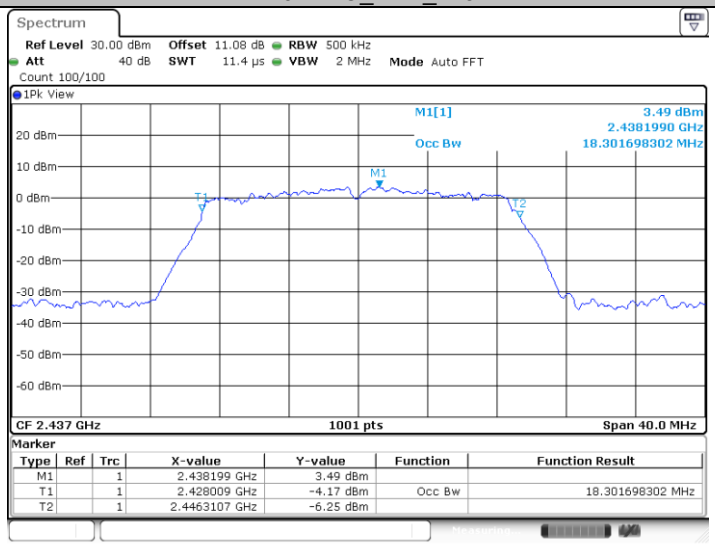

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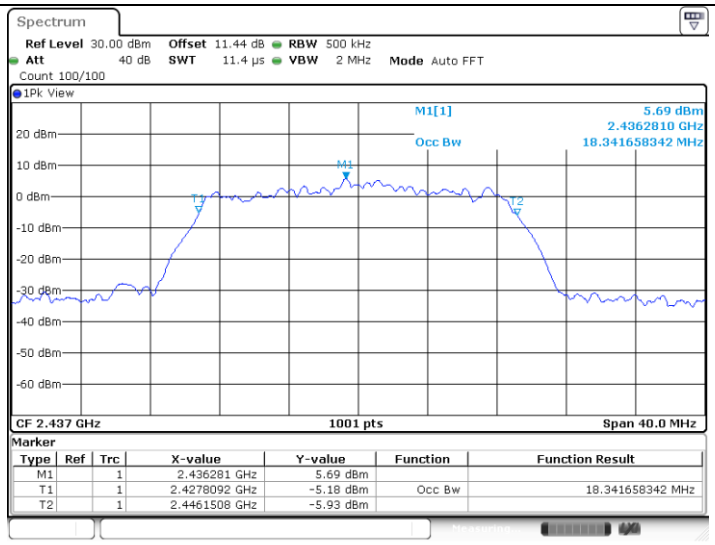

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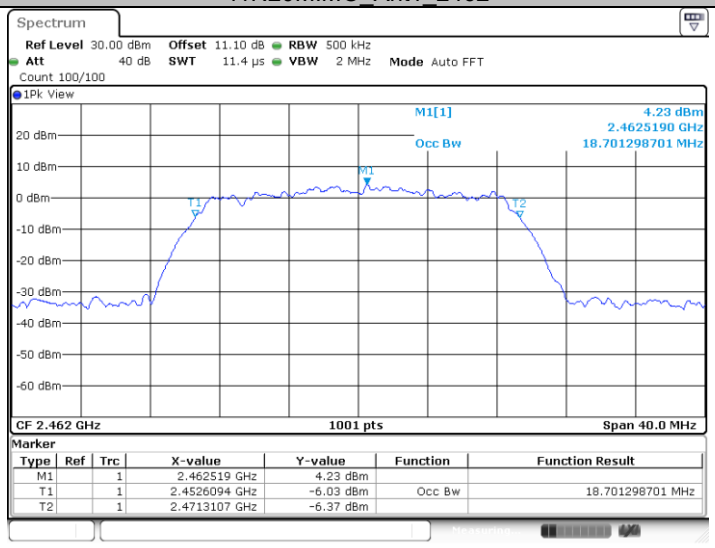

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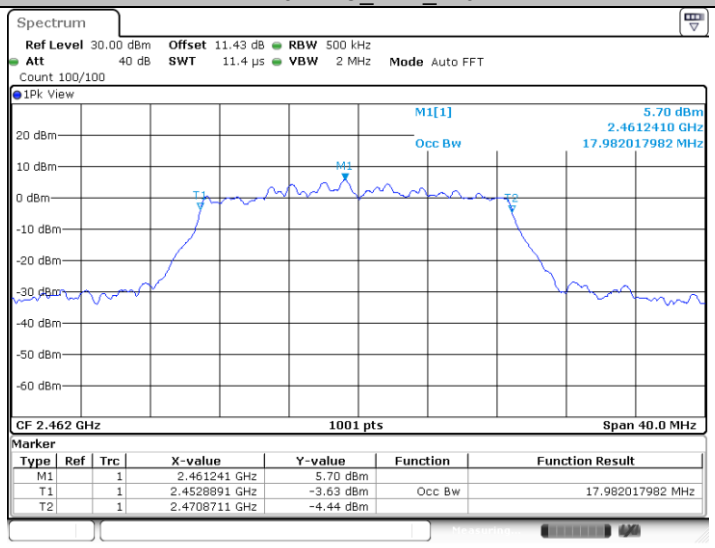

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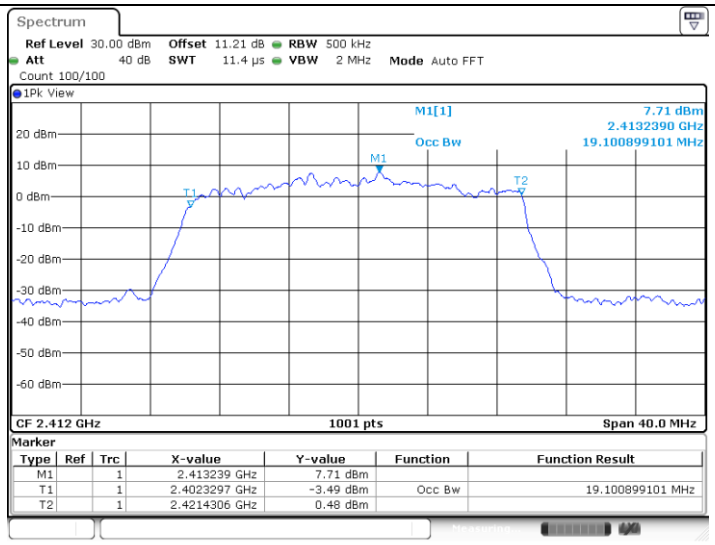

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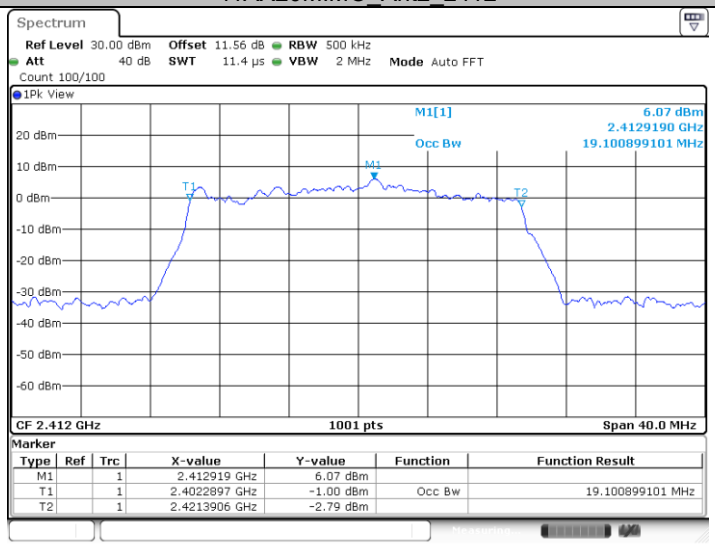

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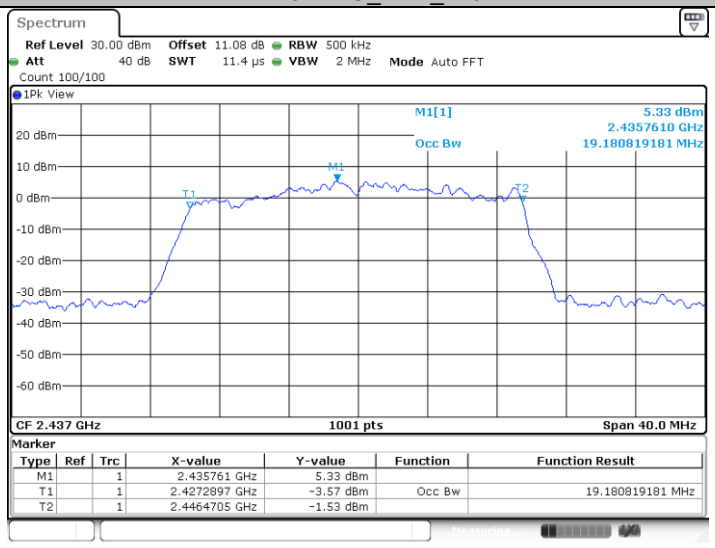

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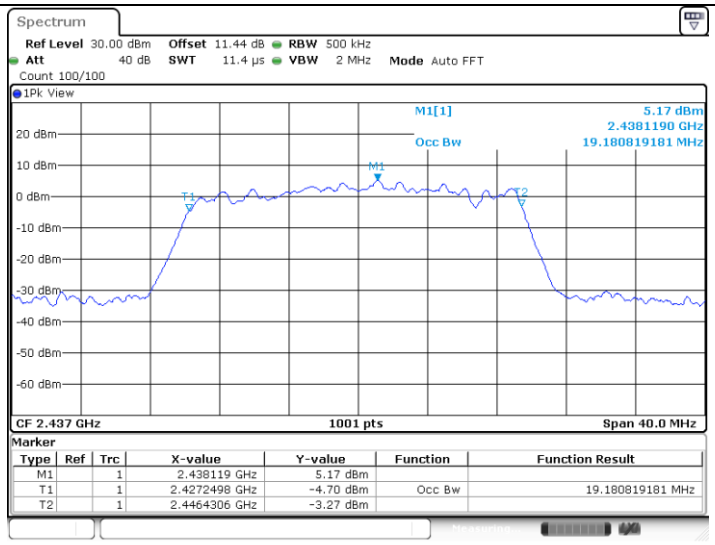

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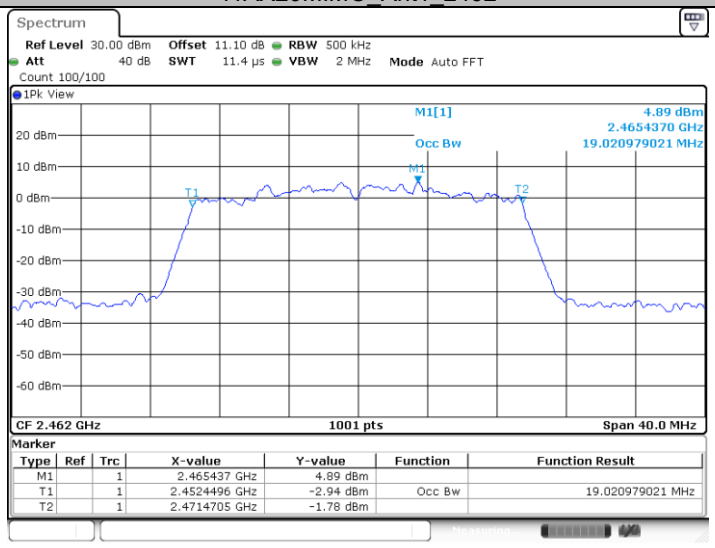

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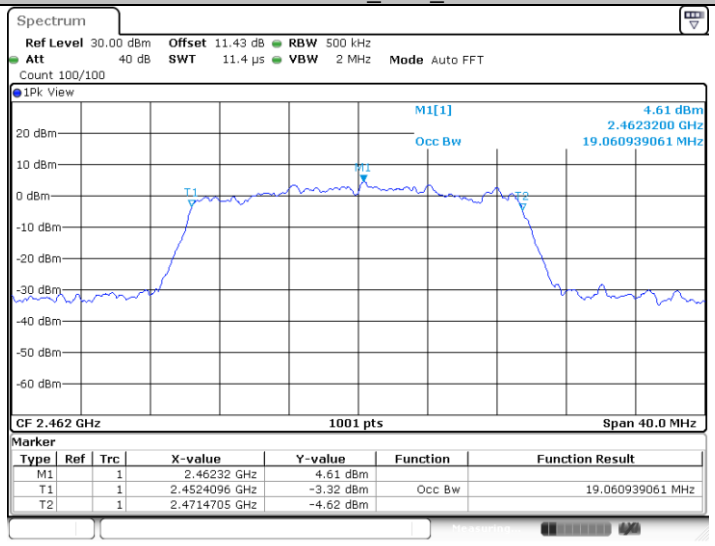

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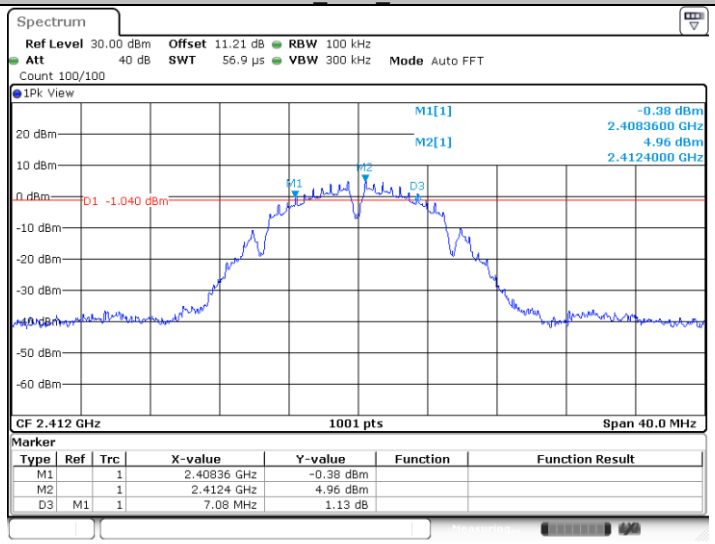

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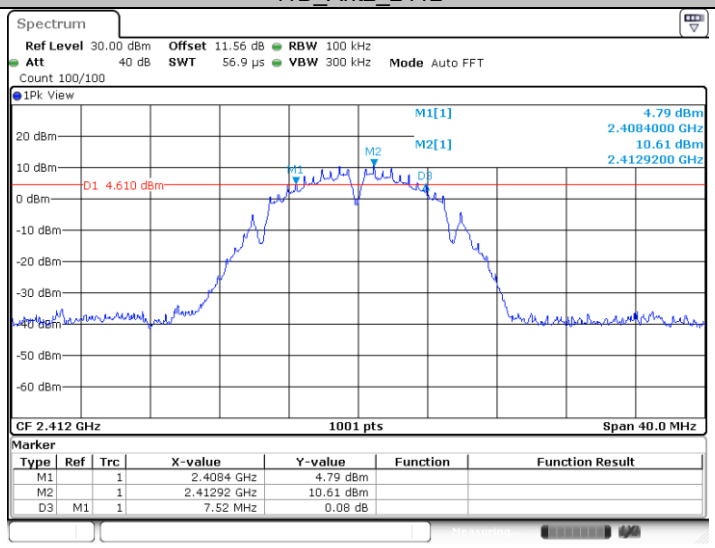

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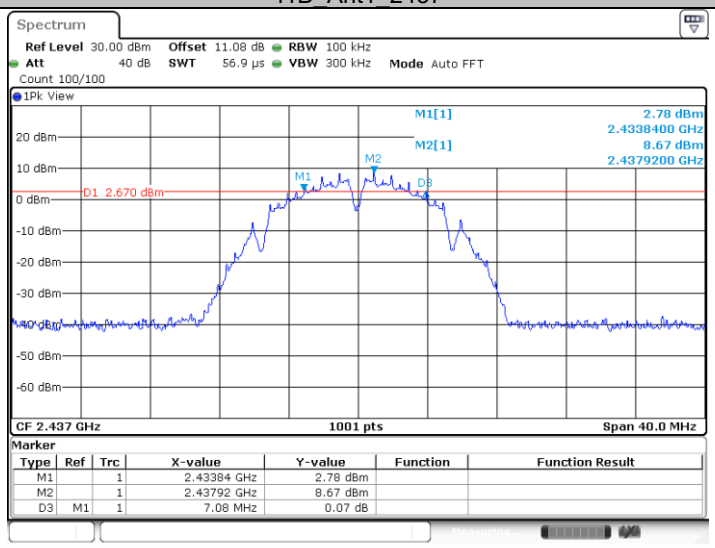

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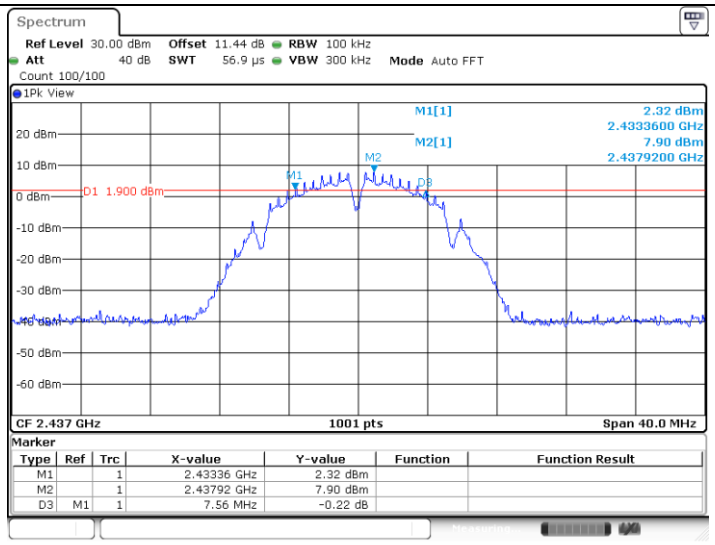

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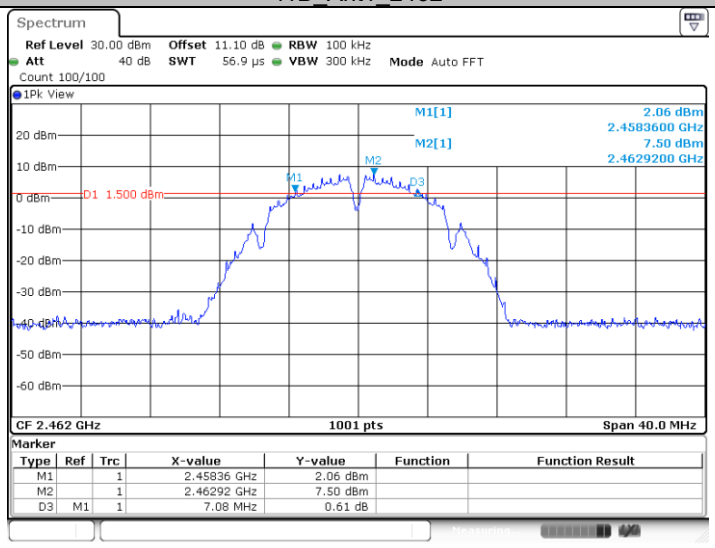

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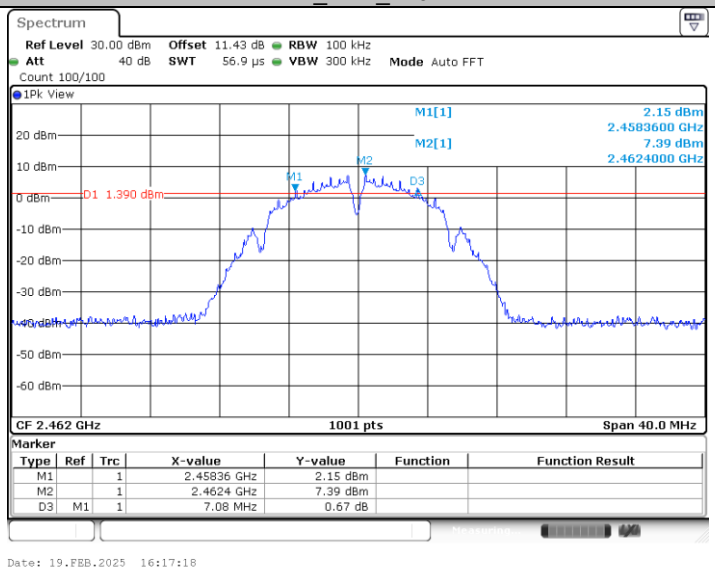

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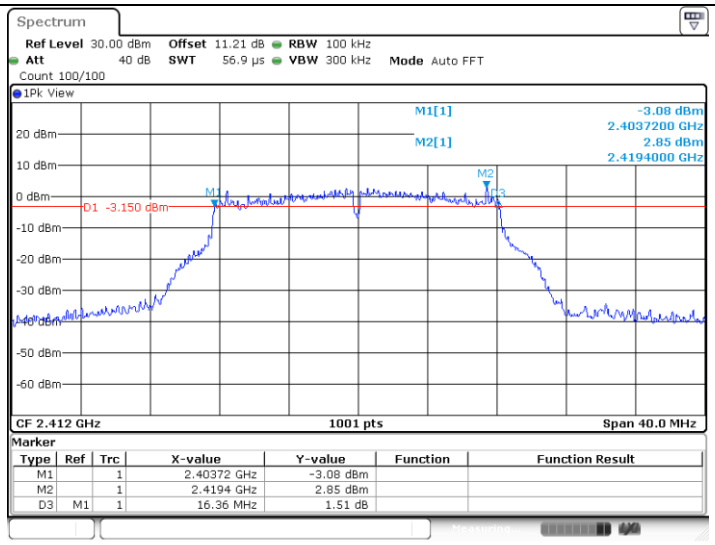

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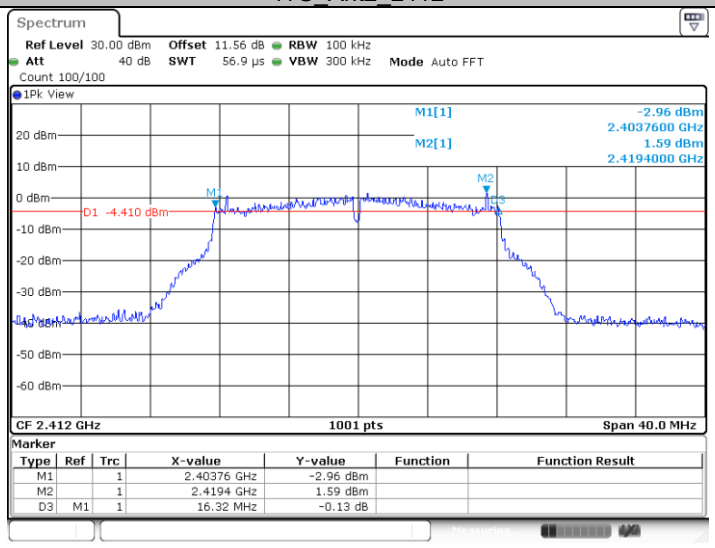

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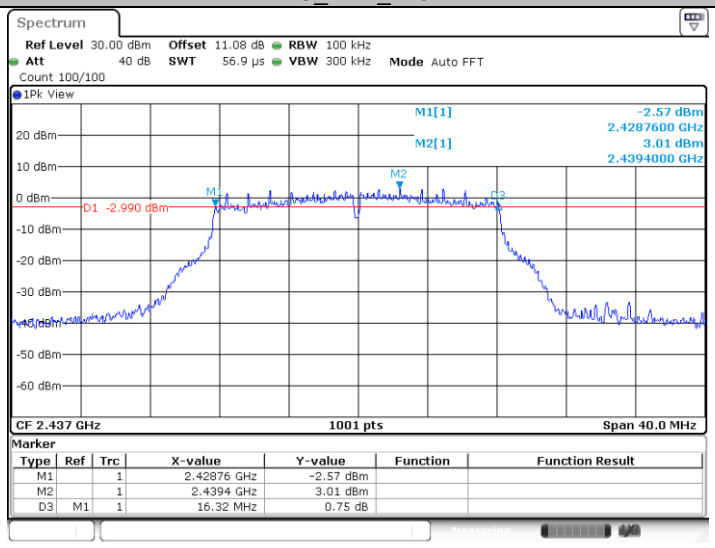

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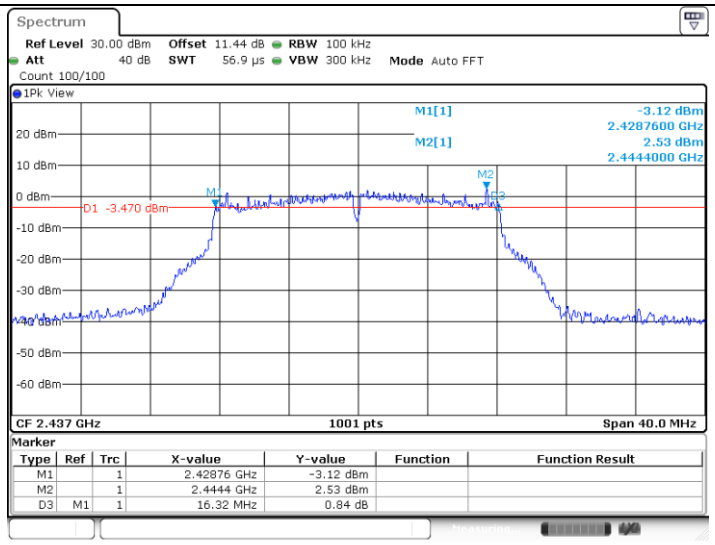

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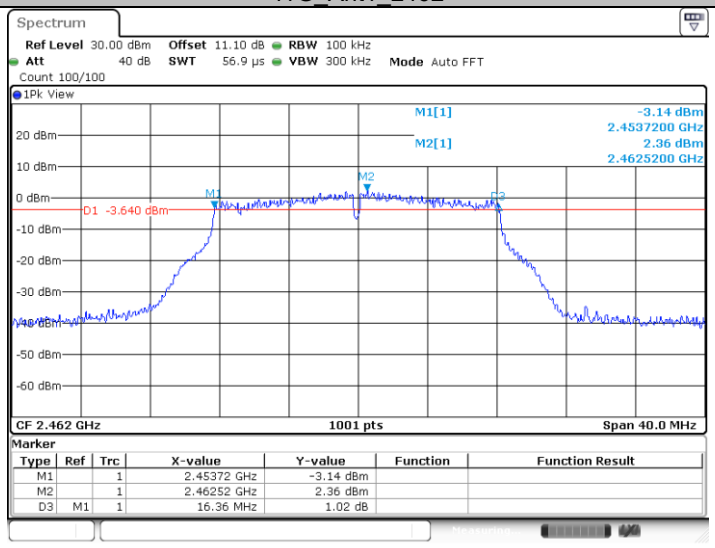

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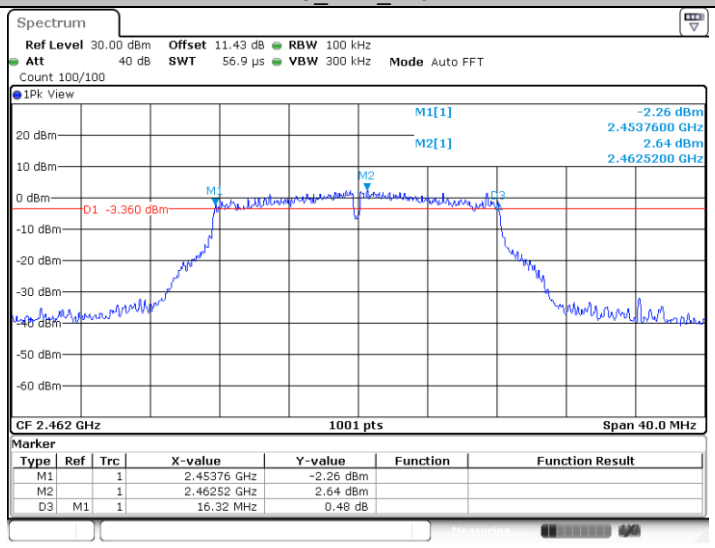

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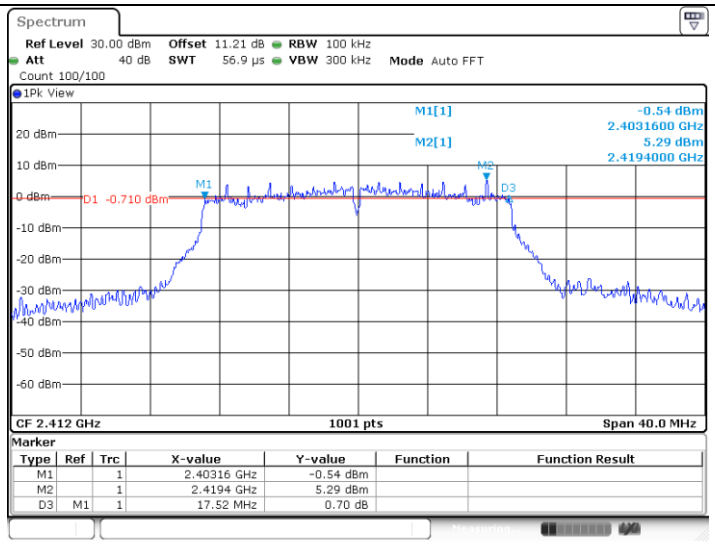

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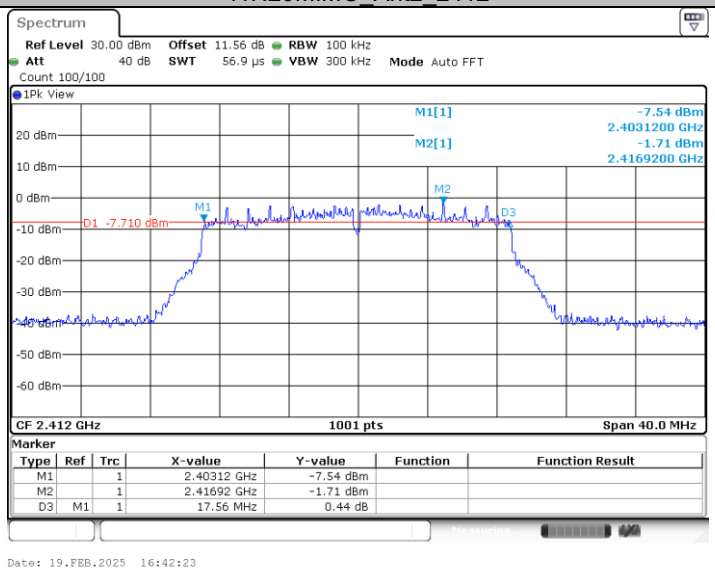

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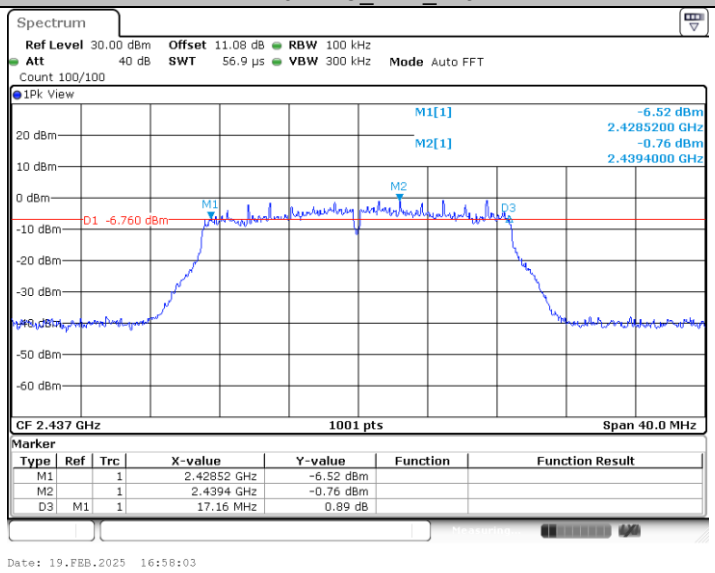

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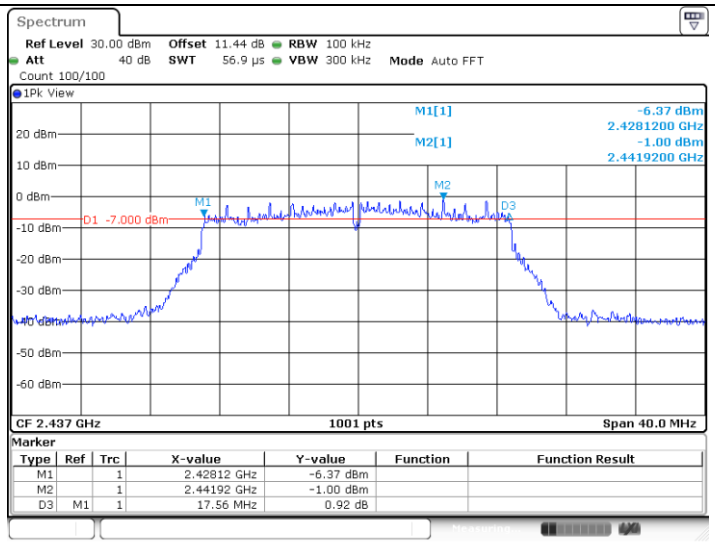

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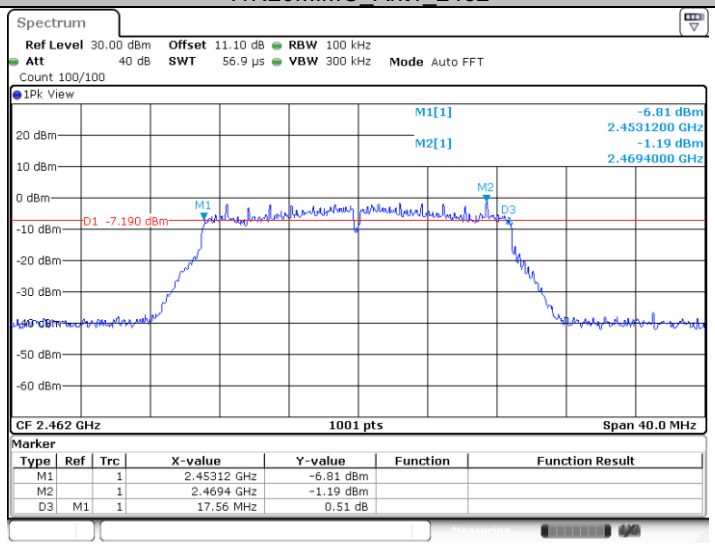

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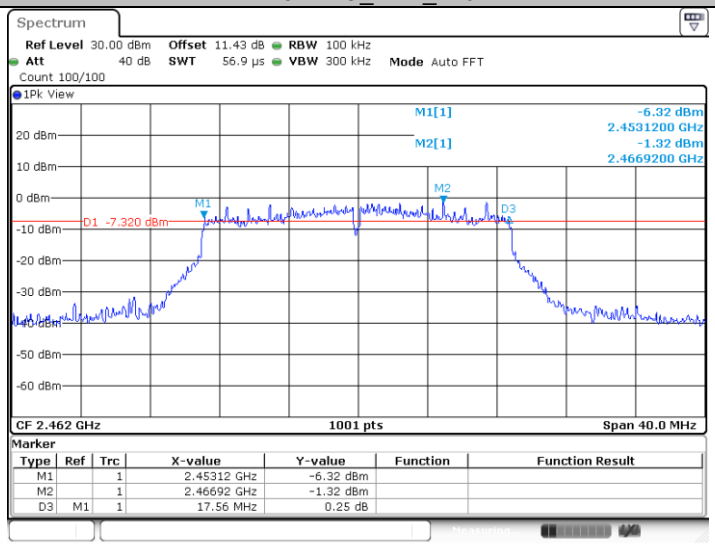

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