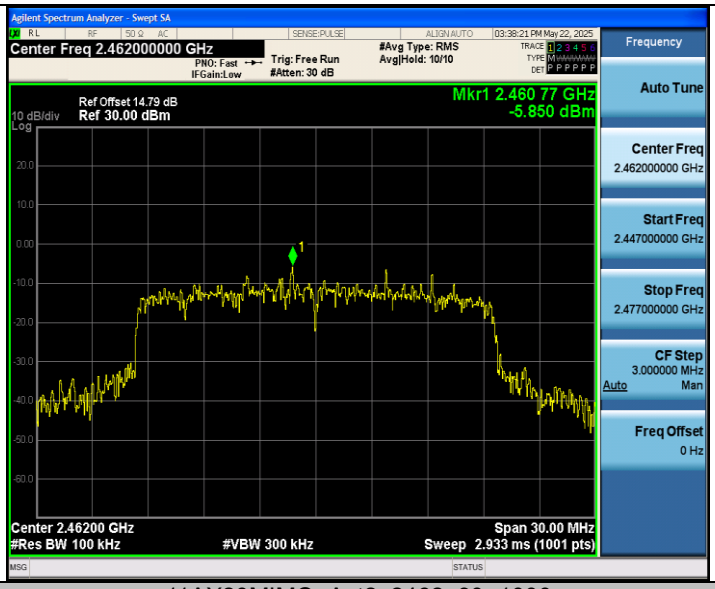

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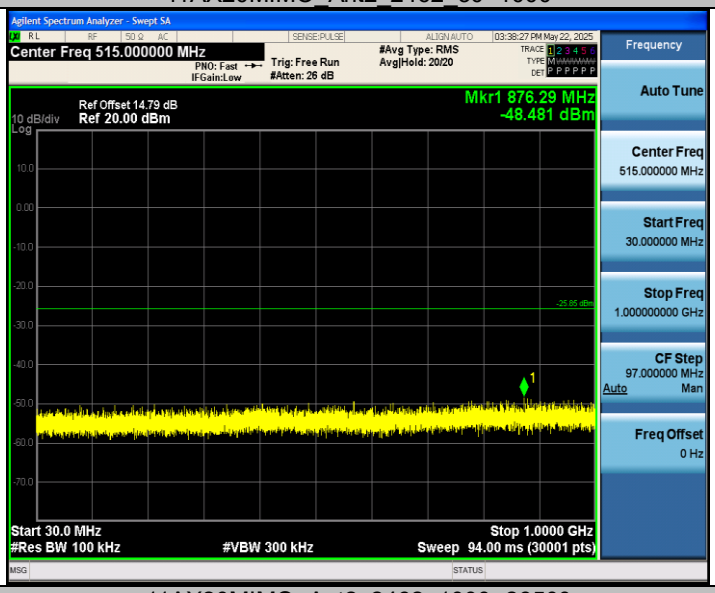
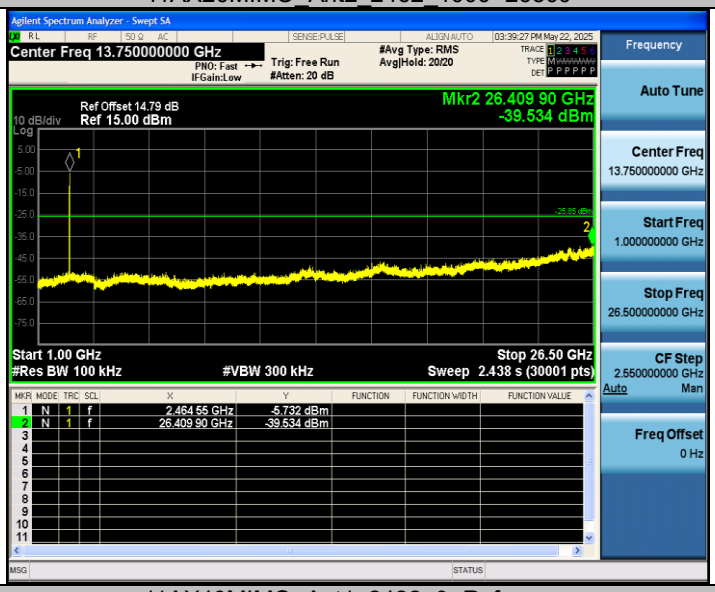
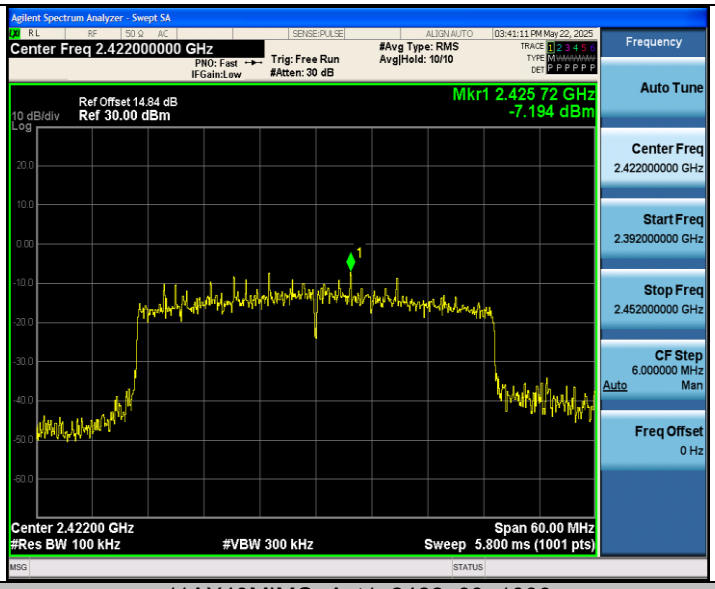


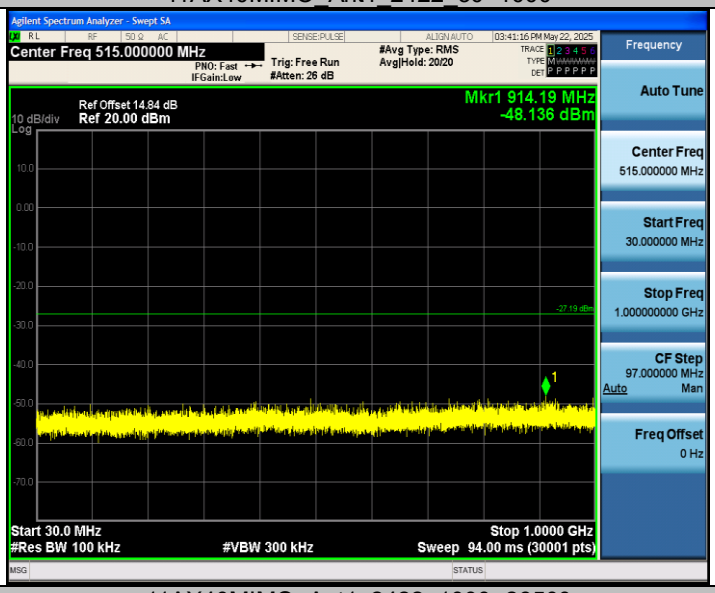
11AX20MIMO_Ant2_2462_1000~26500



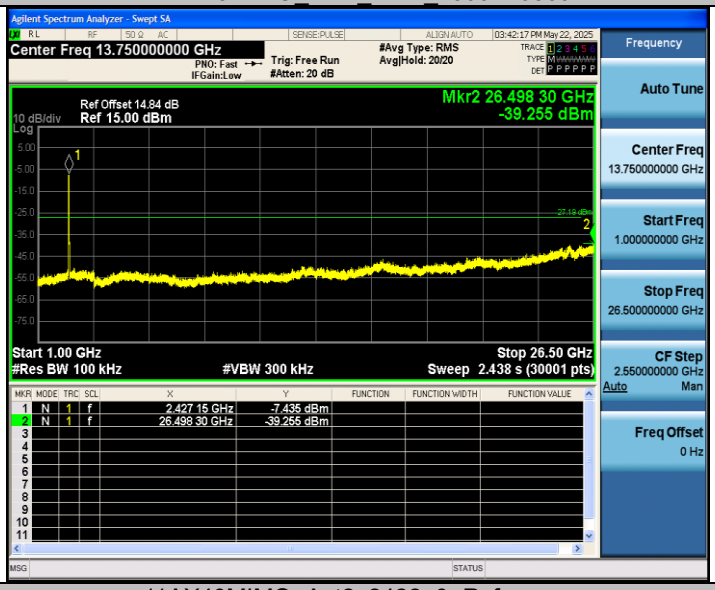
11AX40MIMO_Ant1_2422_0~Reference



11AX40MIMO_Ant1_2422_30~1000



11AX40MIMO_Ant1_2422_1000~26500



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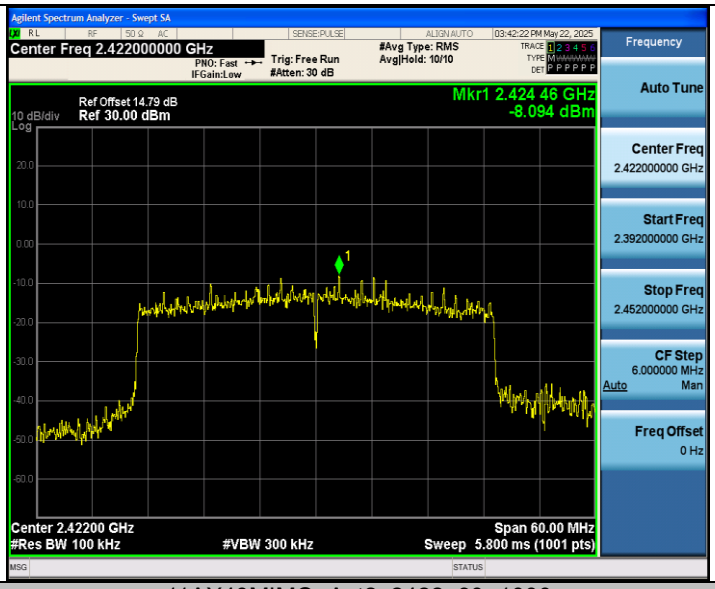

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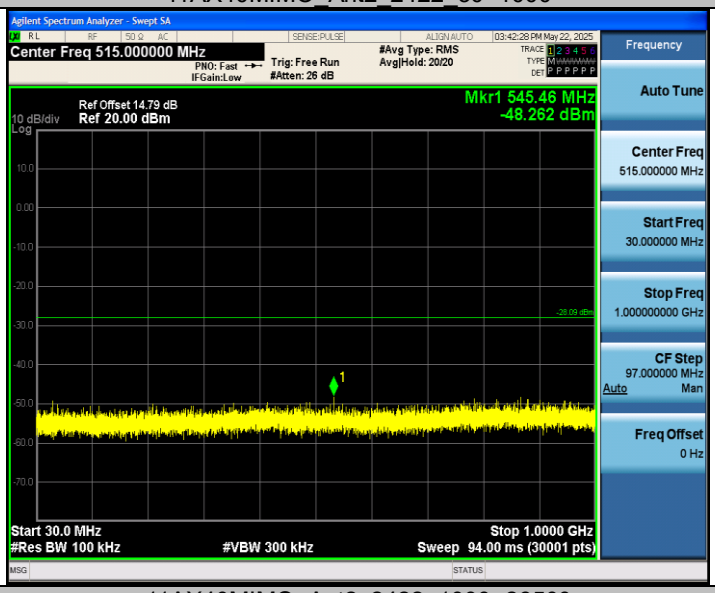
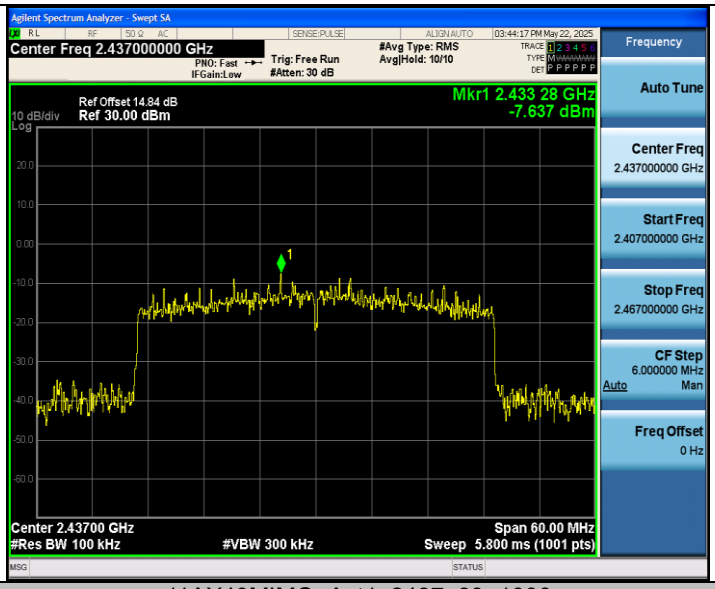


11AX40MIMO_Ant2_2422_1000~26500

11AX40MIMO_Ant1_2437_0~Reference



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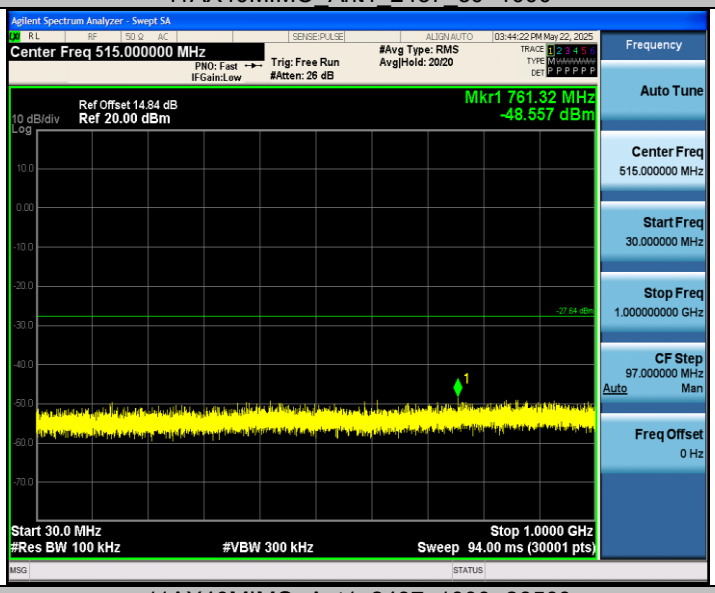
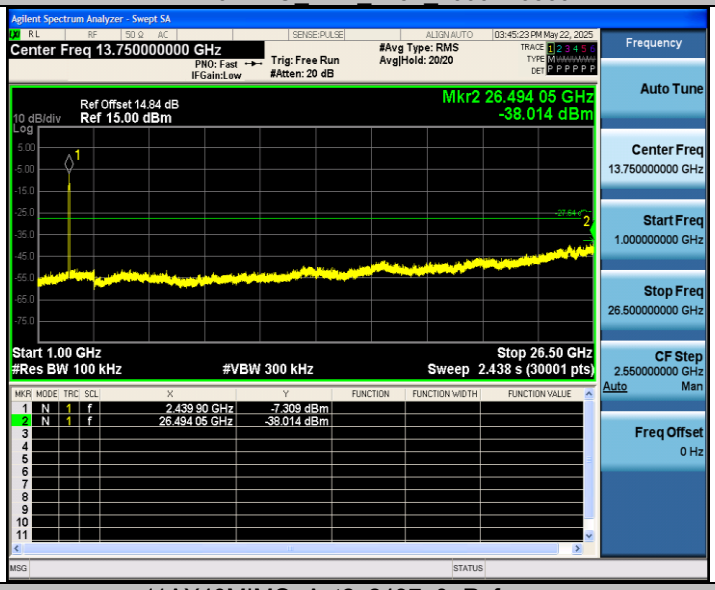


11AX40MIMO_Ant1_2437_1000~26500



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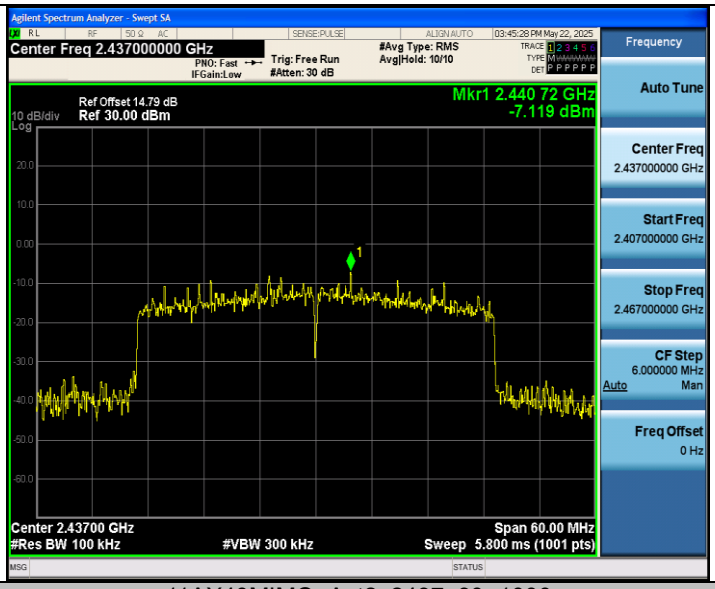
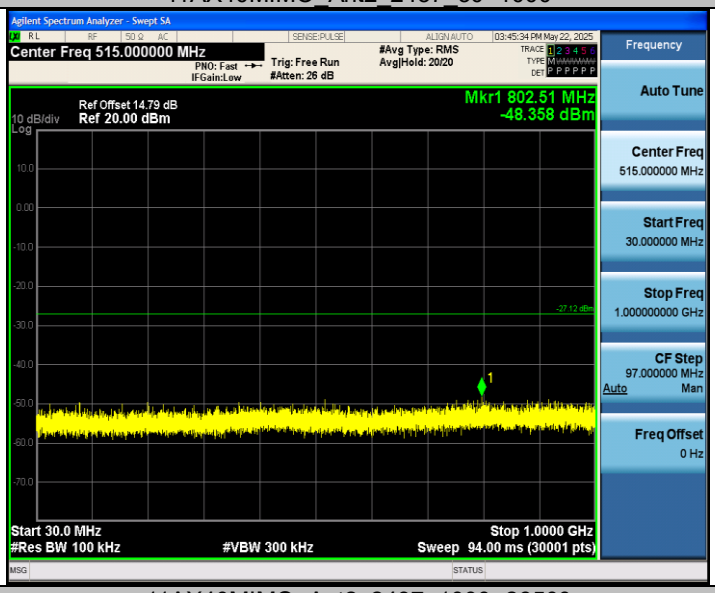
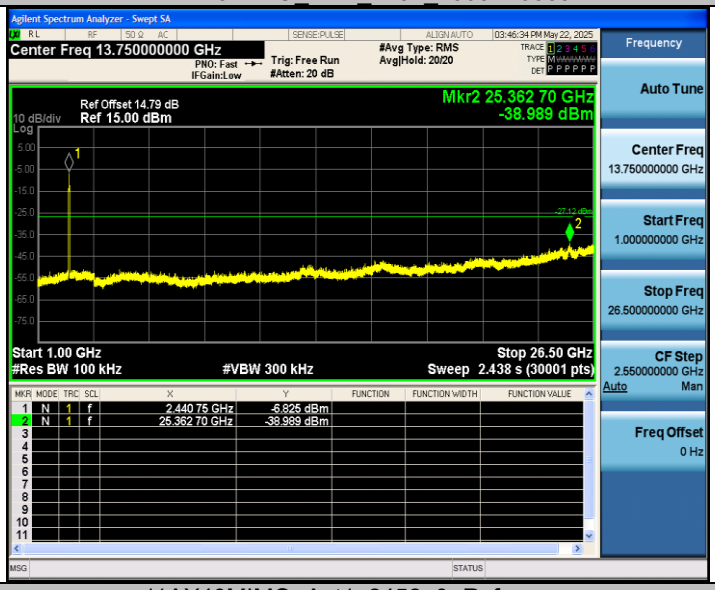


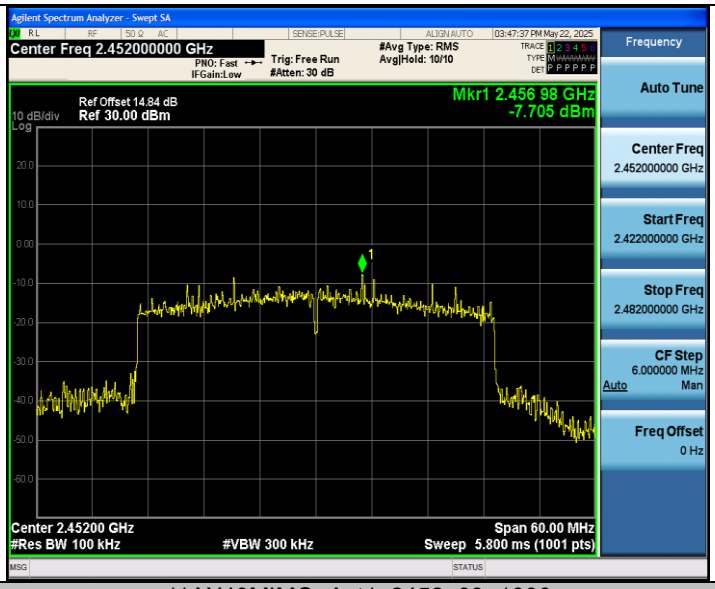
11AX40MIMO_Ant2_2437_30~1000



11AX40MIMO_Ant2_2437_1000~26500



11AX40MIMO_Ant1_2452_0~Reference



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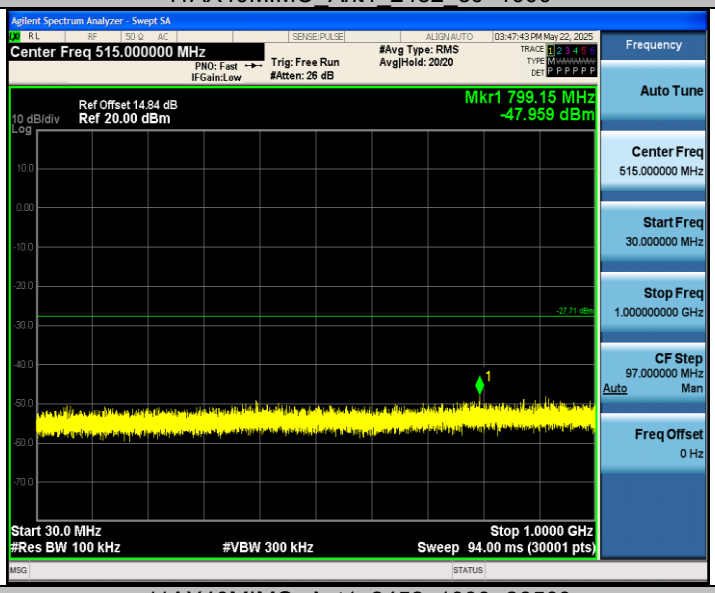
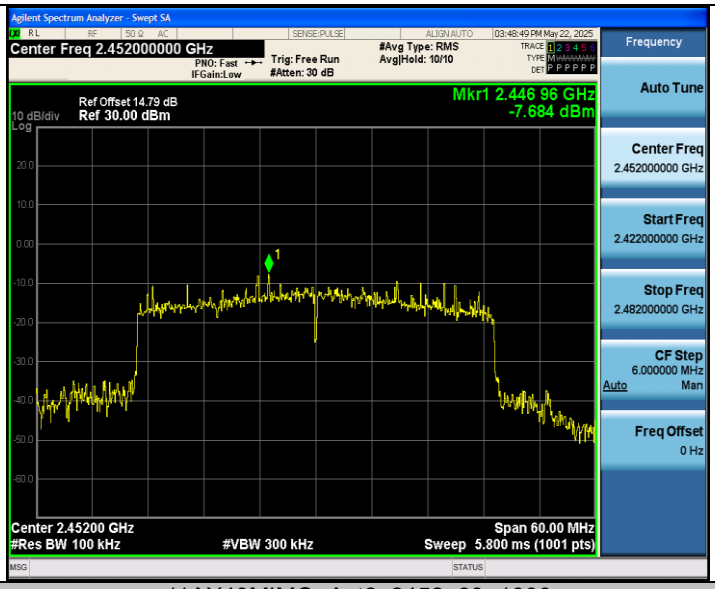
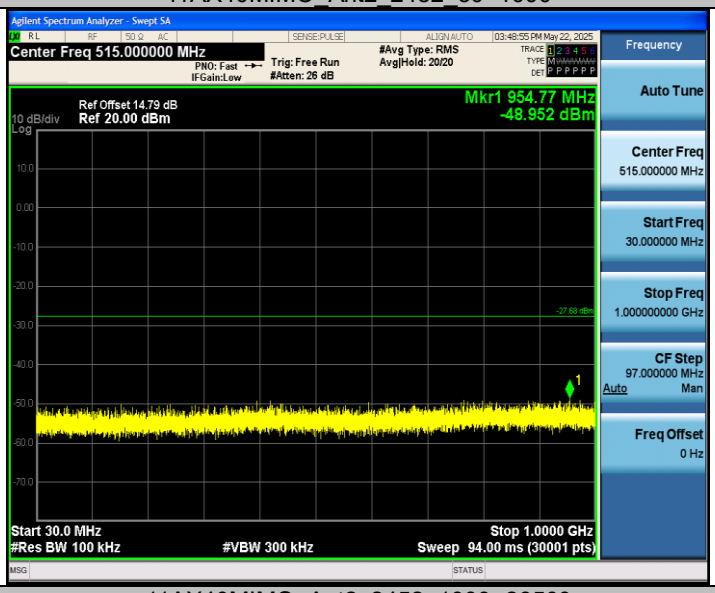


11AX40MIMO_Ant1_2452_1000~26500

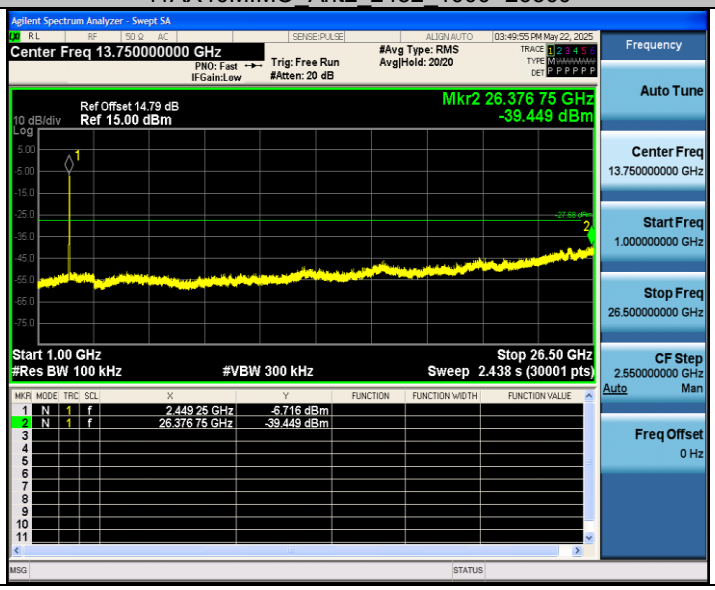
11AX40MIMO_Ant2_2452_0~Reference



11AX40MIMO_Ant2_2452_30~1000



11AX40MIMO_Ant2_2452_1000~26500



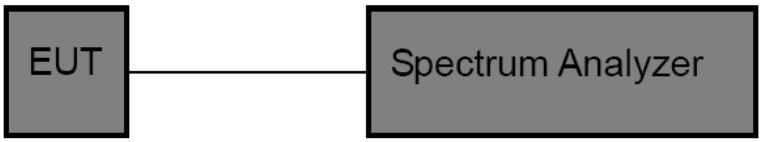
3.5. DTS Bandwidth

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.

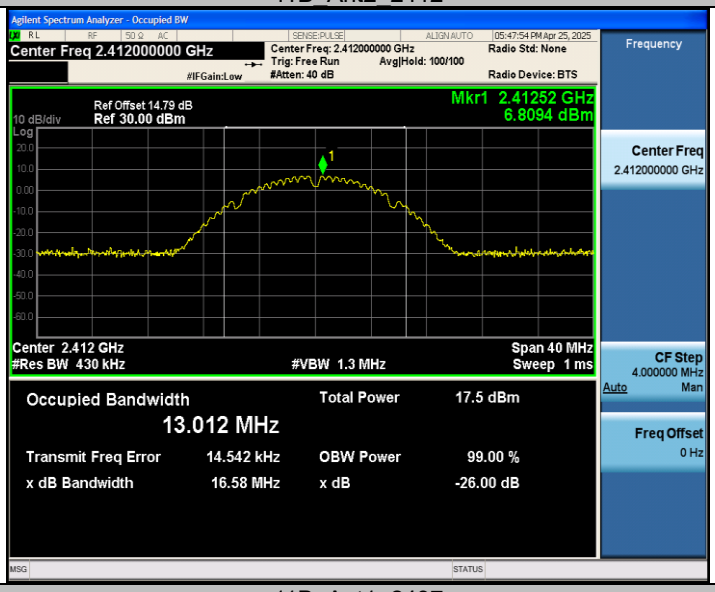
Test Result

Test Mode	Antenna	Frequency [MHz]	OCB [MHz]	DTS BW [MHz]	Limit [MHz]	Verdict
11B	Ant1	2412	12.803	8.520	0.5	PASS
	Ant2	2412	13.012	8.080	0.5	PASS
	Ant1	2437	12.892	7.600	0.5	PASS
	Ant2	2437	12.910	7.520	0.5	PASS
	Ant1	2462	12.875	8.040	0.5	PASS
	Ant2	2462	12.930	8.040	0.5	PASS
11G	Ant1	2412	17.134	16.080	0.5	PASS
	Ant2	2412	17.151	15.920	0.5	PASS
	Ant1	2437	17.261	15.080	0.5	PASS
	Ant2	2437	17.256	15.080	0.5	PASS
	Ant1	2462	17.126	16.000	0.5	PASS
	Ant2	2462	17.169	16.280	0.5	PASS
11N20MIMO	Ant1	2412	18.312	15.600	0.5	PASS
	Ant2	2412	18.143	16.520	0.5	PASS
	Ant1	2437	18.495	15.400	0.5	PASS
	Ant2	2437	18.250	17.520	0.5	PASS
	Ant1	2462	18.394	15.120	0.5	PASS
	Ant2	2462	18.195	16.760	0.5	PASS
11N40MIMO	Ant1	2422	36.935	35.040	0.5	PASS
	Ant2	2422	36.800	33.840	0.5	PASS
	Ant1	2437	37.102	35.040	0.5	PASS
	Ant2	2437	36.845	35.040	0.5	PASS
	Ant1	2452	36.956	35.040	0.5	PASS
	Ant2	2452	36.740	35.040	0.5	PASS
11AX20MIMO	Ant1	2412	19.071	16.480	0.5	PASS
	Ant2	2412	18.986	17.960	0.5	PASS
	Ant1	2437	19.171	16.880	0.5	PASS
	Ant2	2437	19.239	15.920	0.5	PASS
	Ant1	2462	19.161	17.600	0.5	PASS
	Ant2	2462	19.227	17.560	0.5	PASS
11AX40MIMO	Ant1	2422	38.078	35.040	0.5	PASS
	Ant2	2422	38.029	35.040	0.5	PASS
	Ant1	2437	38.179	36.240	0.5	PASS
	Ant2	2437	38.061	35.040	0.5	PASS
	Ant1	2452	38.091	35.040	0.5	PASS
	Ant2	2452	37.976	35.040	0.5	PASS

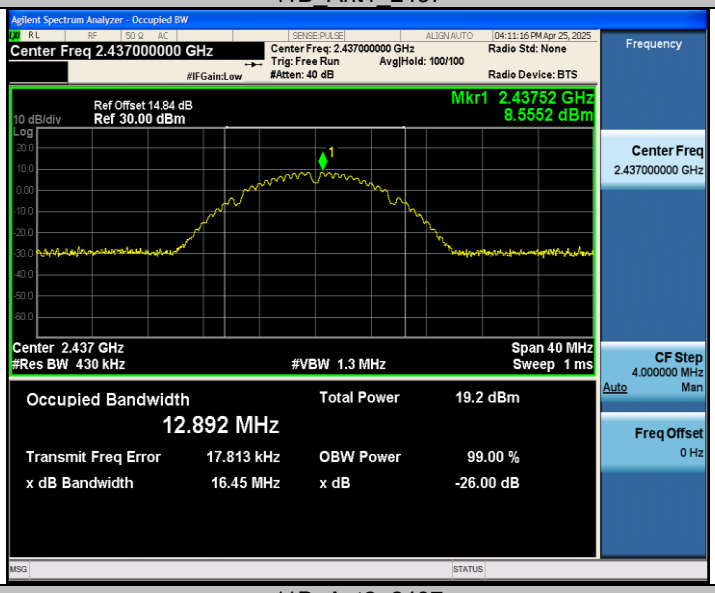
99% Bandwidth:

11B_Ant1_2412

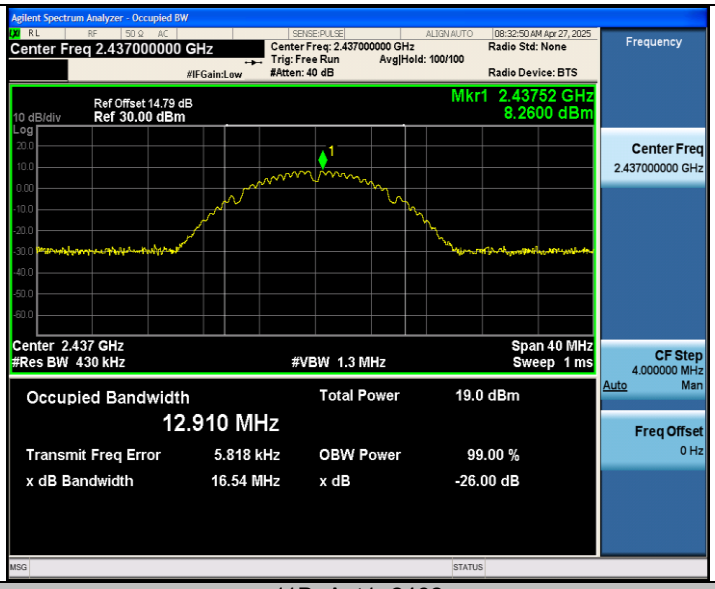
11B_Ant2_2412



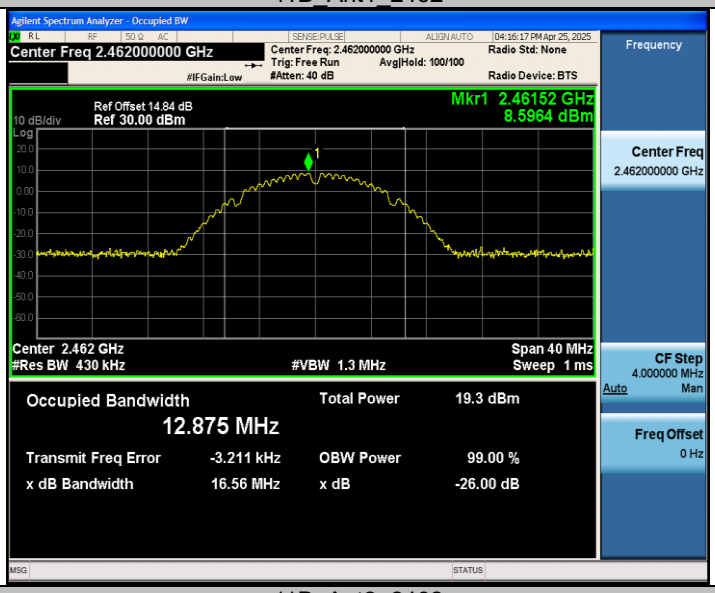
11B_Ant1_2437



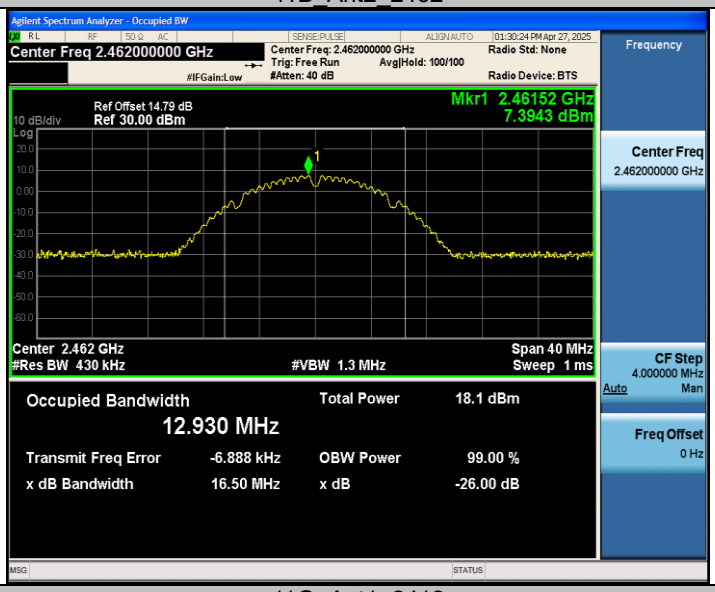
11B_Ant2_2437



11B_Ant1_2462



11B_Ant2_2462



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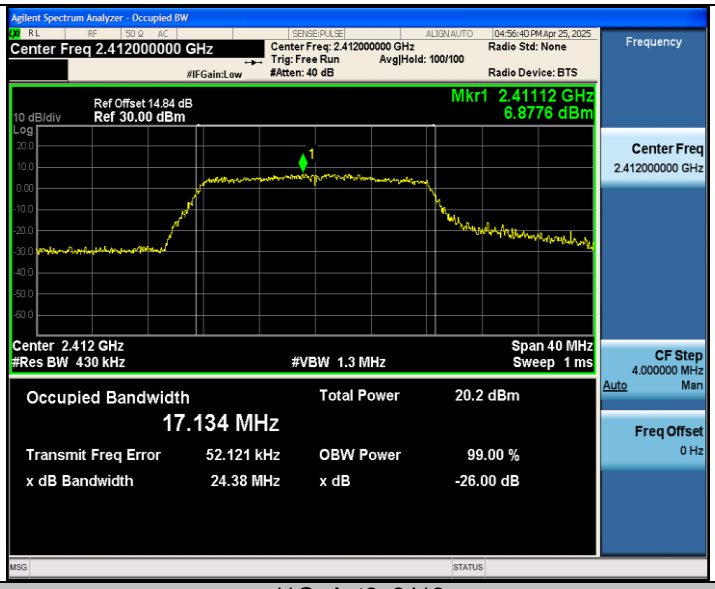
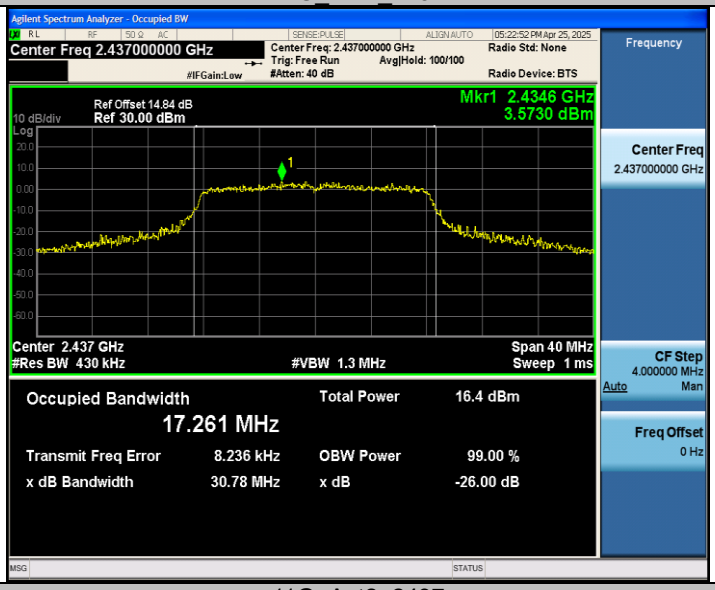


11G_Ant2_2412

11G_Ant1_2437



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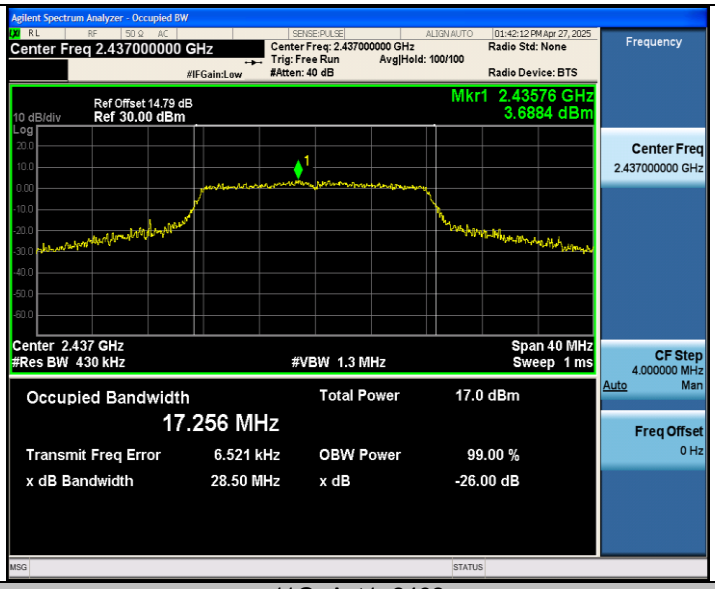
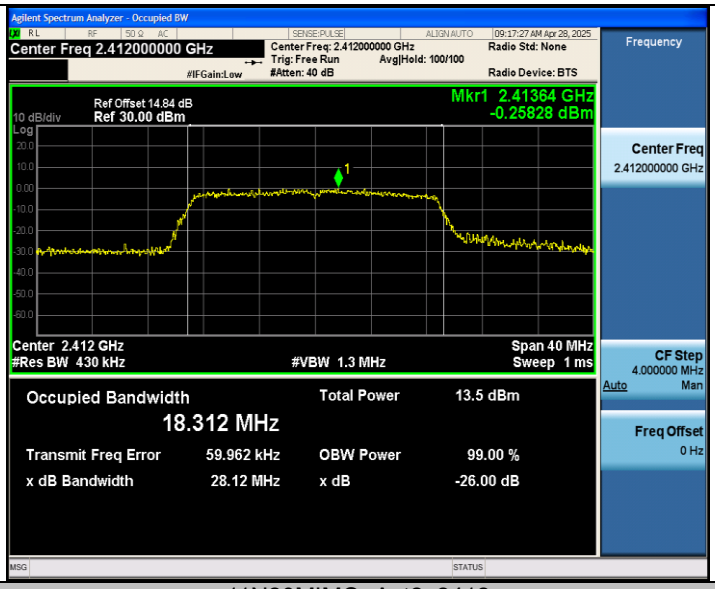


11G_Ant1_2462

11G_Ant2_2462

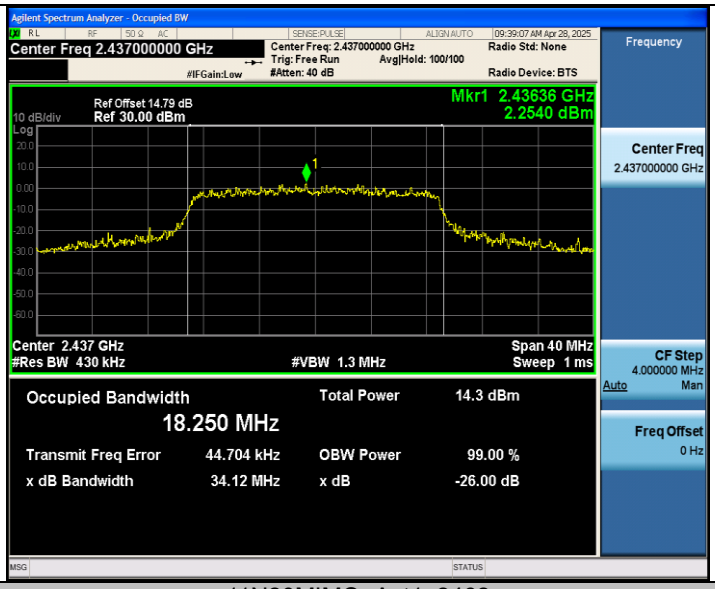
11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412

11N20MIMO_Ant1_2437

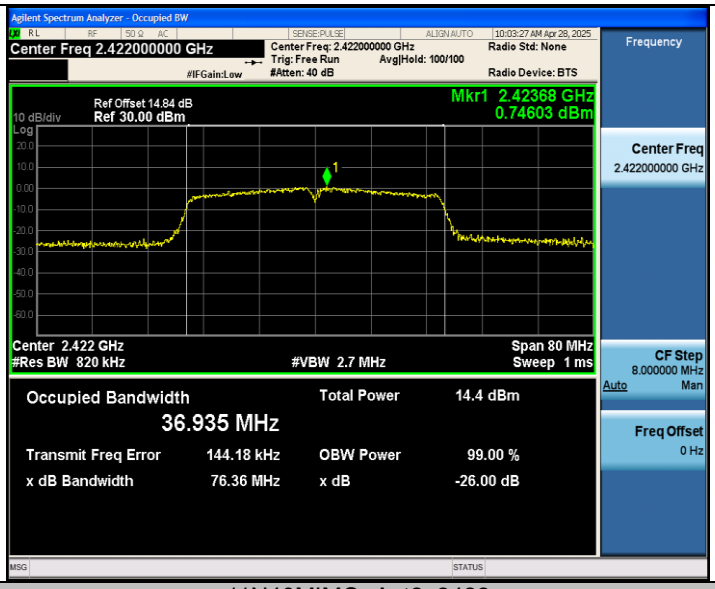
11N20MIMO_Ant2_2437



11N20MIMO_Ant1_2462

11N20MIMO_Ant2_2462

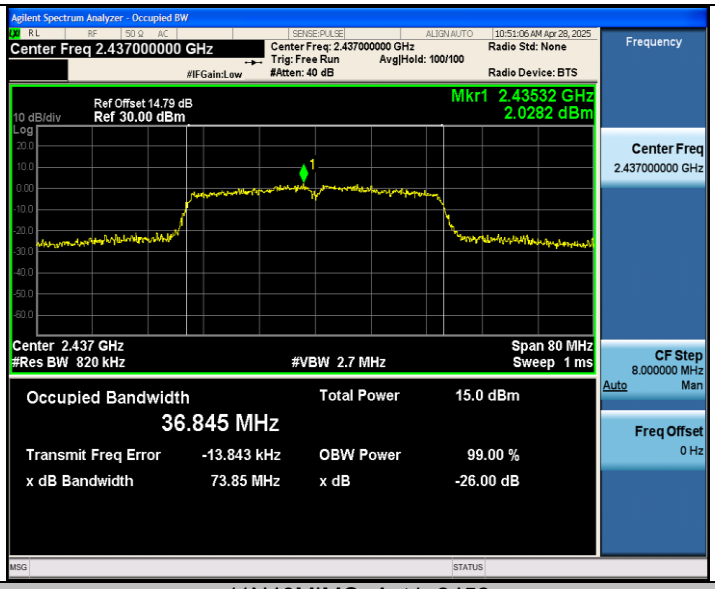
11N40MIMO_Ant1_2422



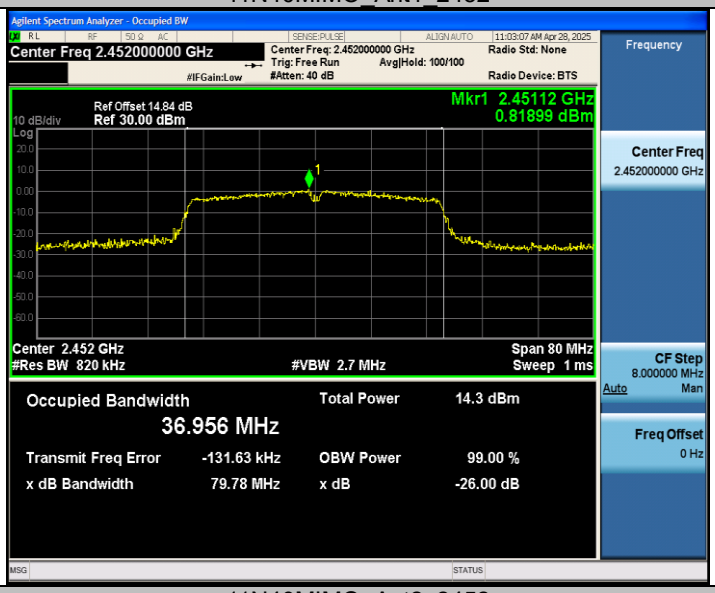
11N40MIMO_Ant2_2422

11N40MIMO_Ant1_2437

11N40MIMO_Ant2_2437



11N40MIMO_Ant1_2452



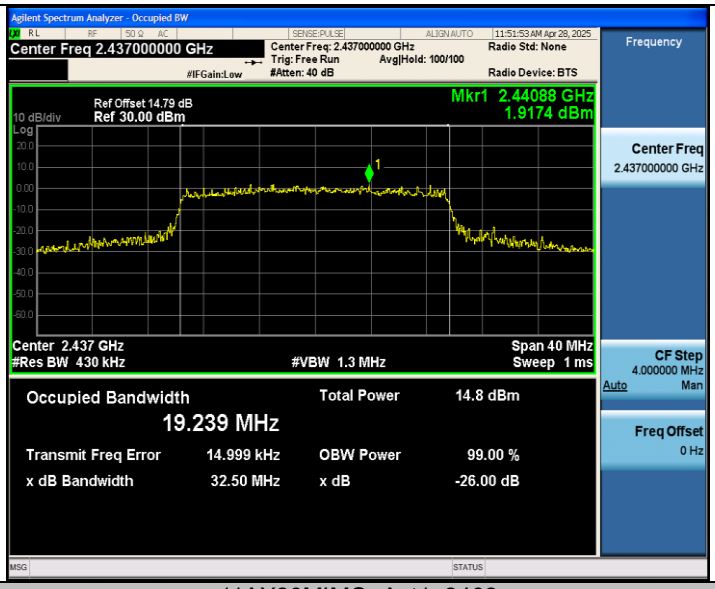
11N40MIMO_Ant2_2452

11AX20MIMO_Ant1_2412

11AX20MIMO_Ant2_2412

11AX20MIMO_Ant1_2437

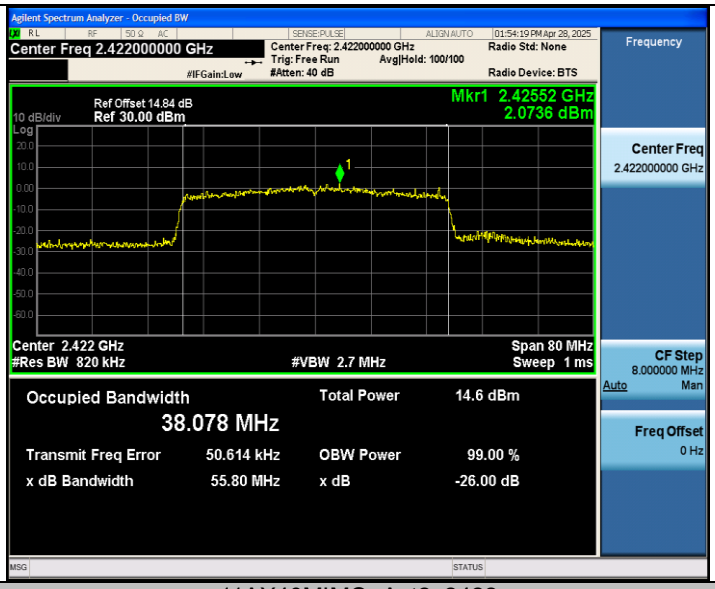
11AX20MIMO_Ant2_2437



11AX20MIMO_Ant1_2462

11AX20MIMO_Ant2_2462

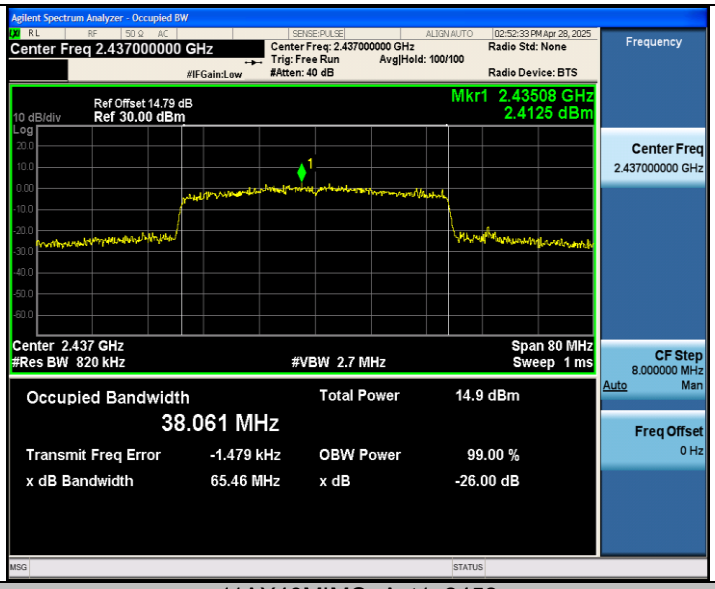
11AX40MIMO_Ant1_2422



11AX40MIMO_Ant2_2422

11AX40MIMO_Ant1_2437

11AX40MIMO_Ant2_2437

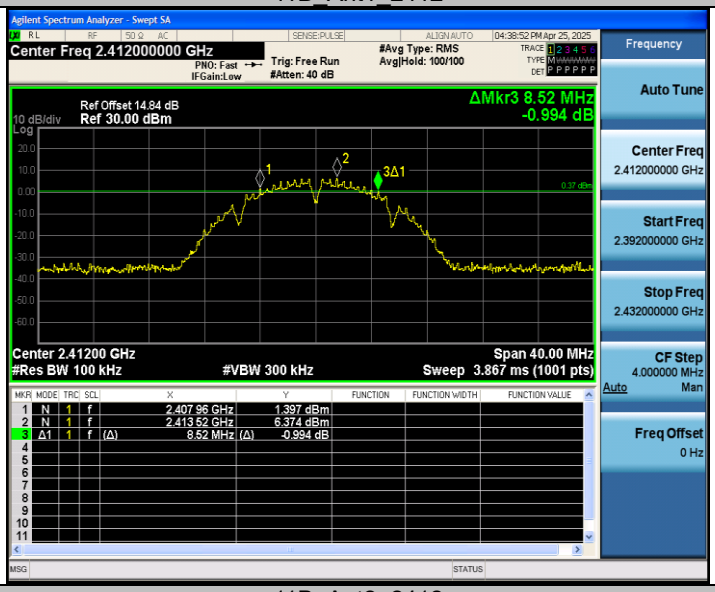


11AX40MIMO_Ant1_2452

11AX40MIMO_Ant2_2452

DTS Bandwidth:

11B_Ant1_2412



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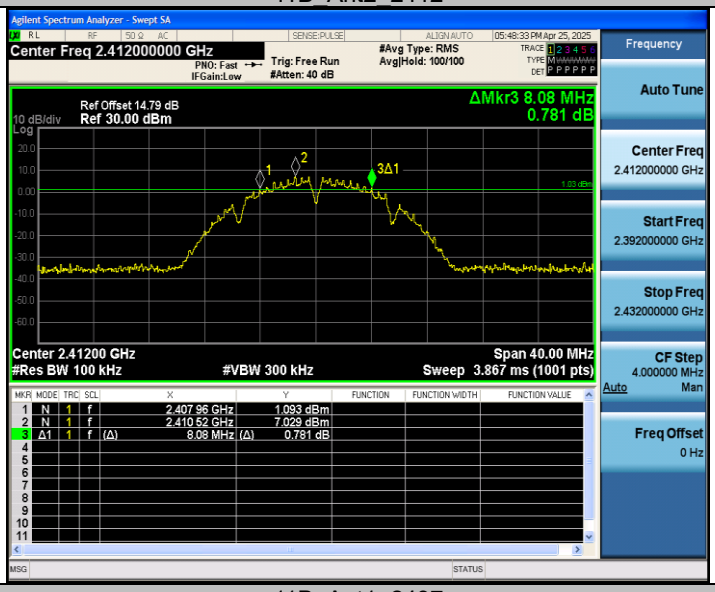

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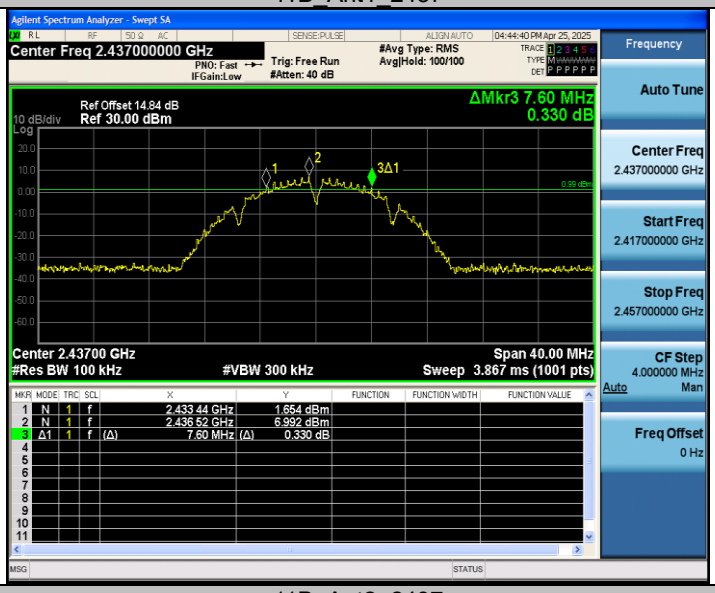

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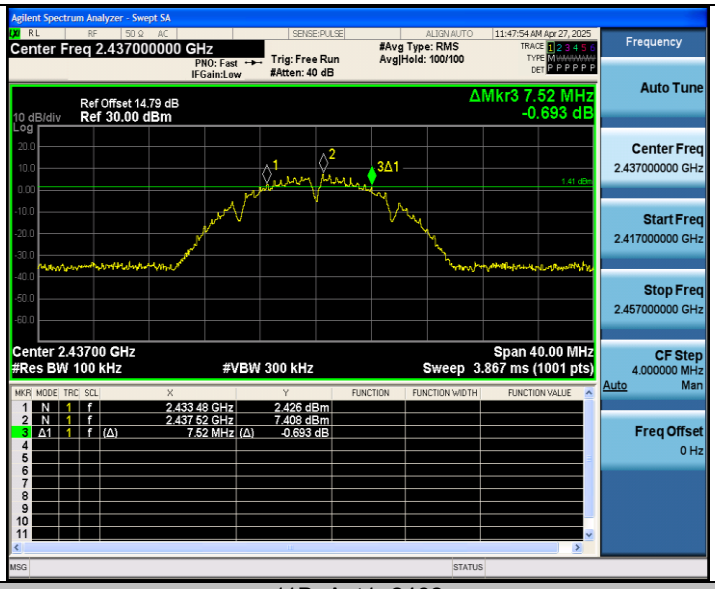
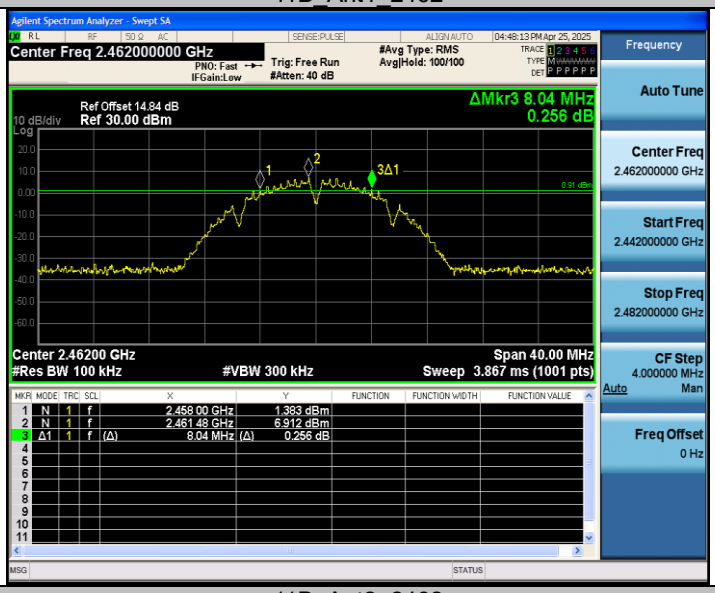


11B_Ant1_2462



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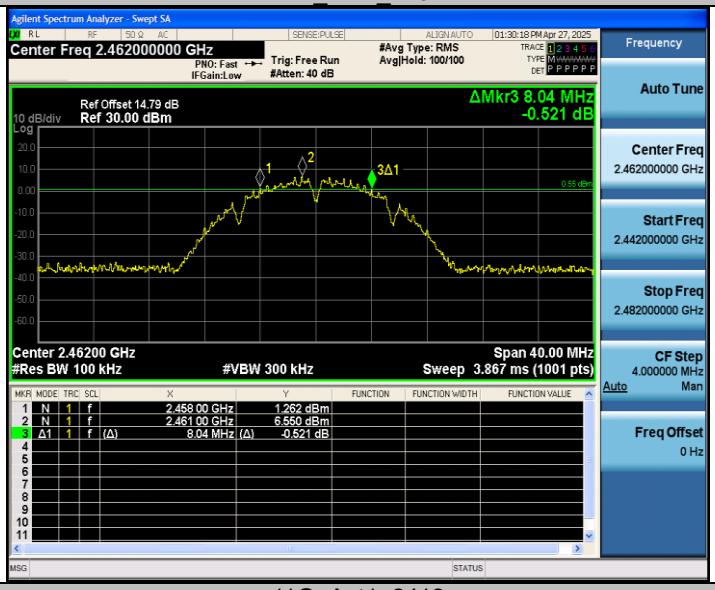
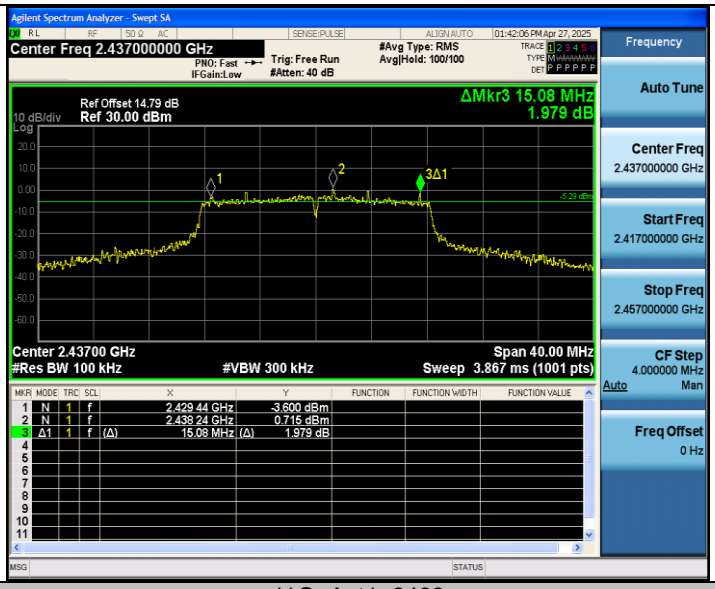


11G_Ant1_2412

11G_Ant2_2412

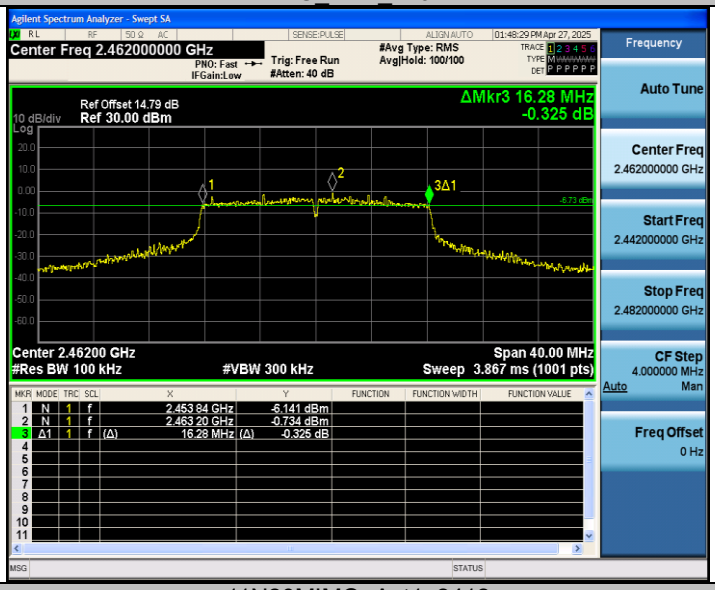
11G_Ant1_2437

11G_Ant2_2437

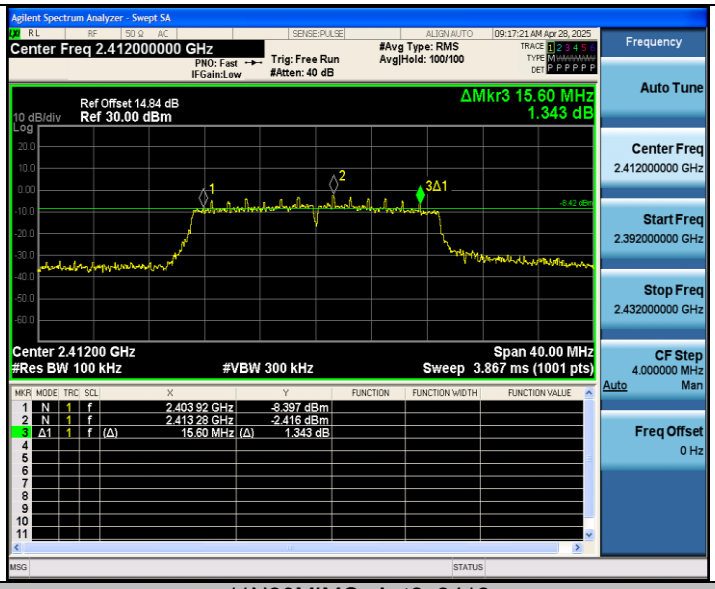


11G_Ant1_2462

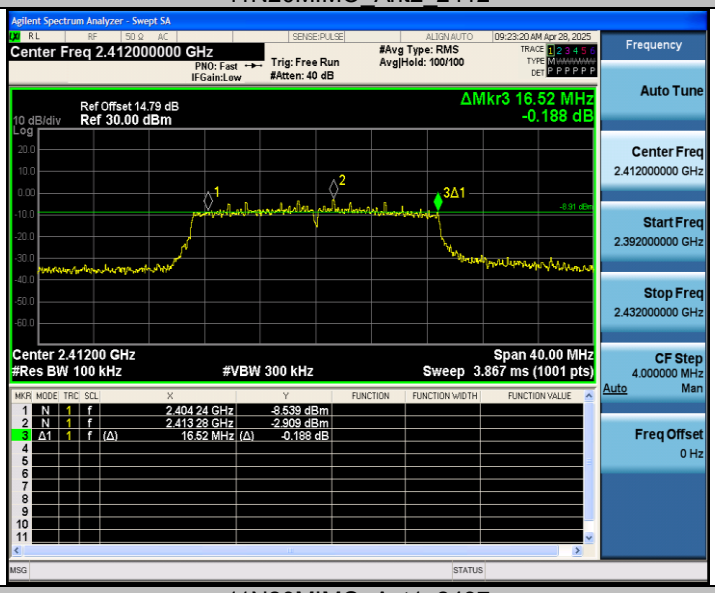
11G_Ant2_2462



11N20MIMO_Ant1_2412



11N20MIMO_Ant2_2412



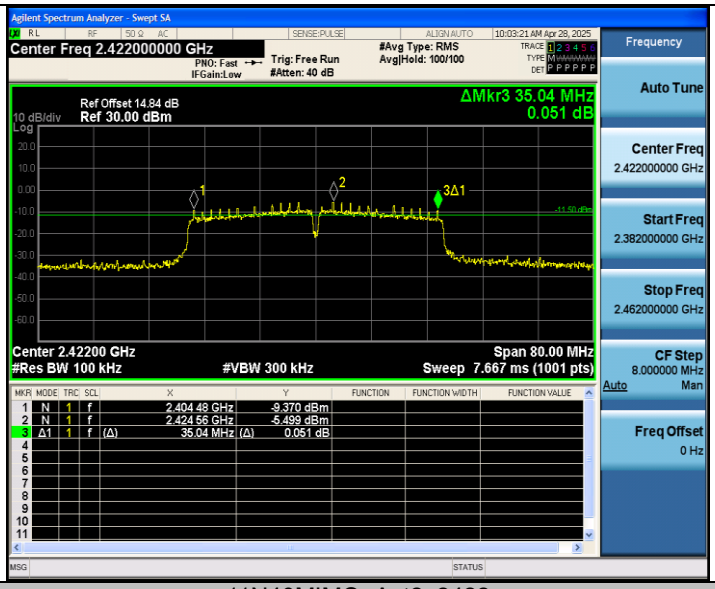
11N20MIMO_Ant1_2437

11N20MIMO_Ant2_2437

11N20MIMO_Ant1_2462

11N20MIMO_Ant2_2462

11N40MIMO_Ant1_2422



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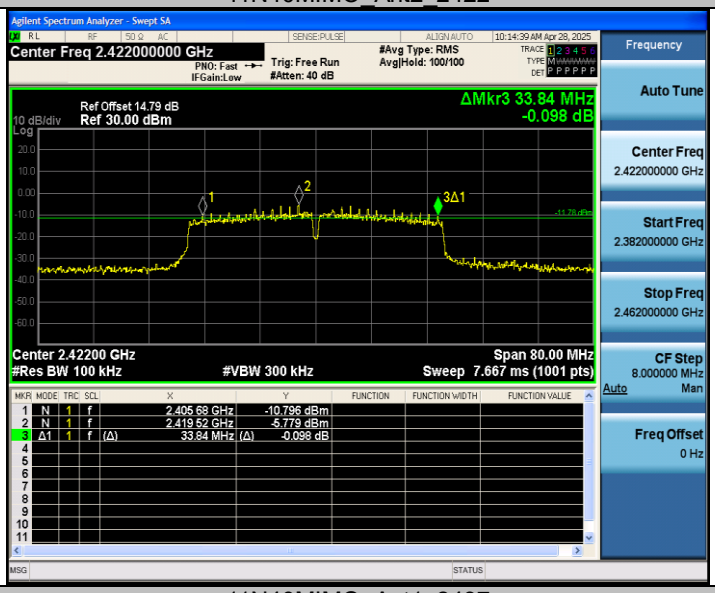

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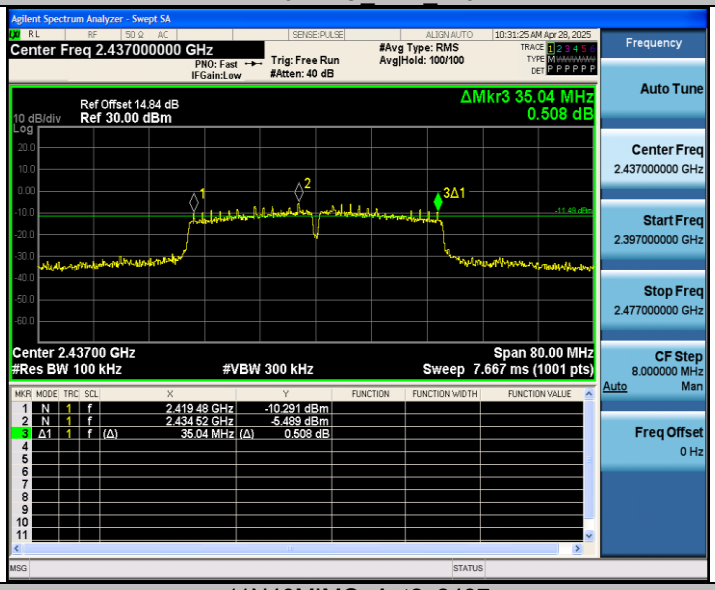

11N40MIMO_Ant2_2437