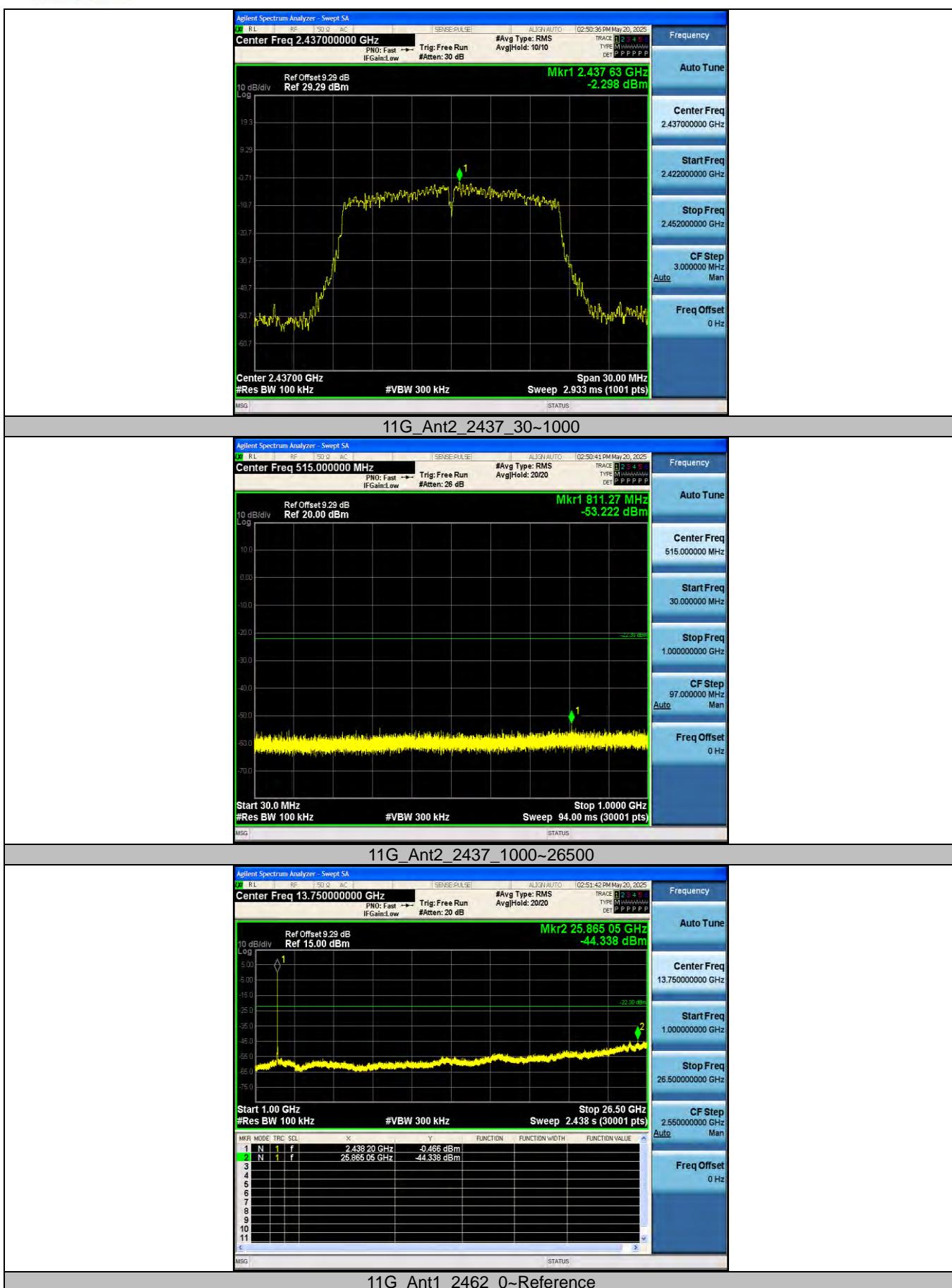


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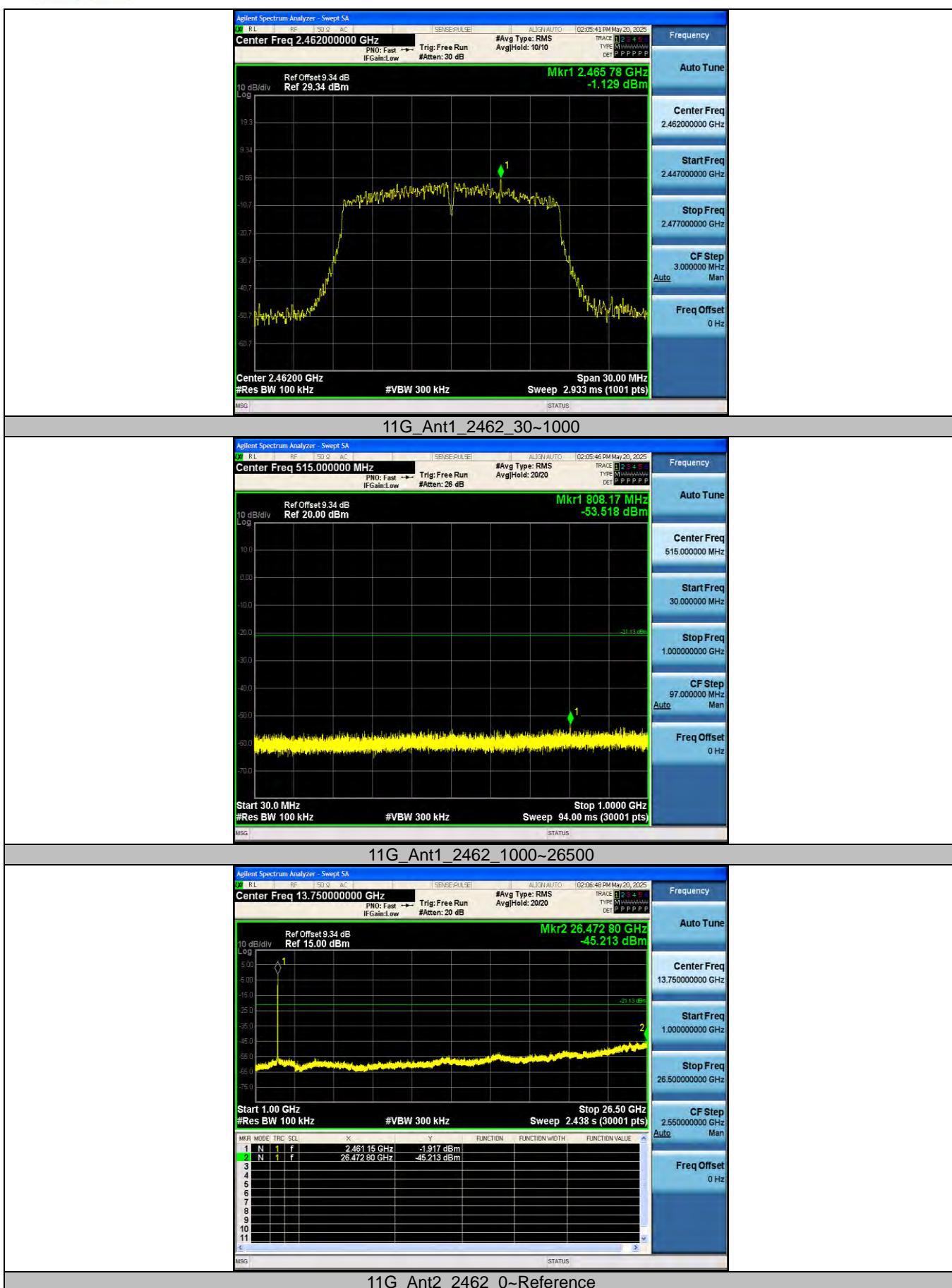


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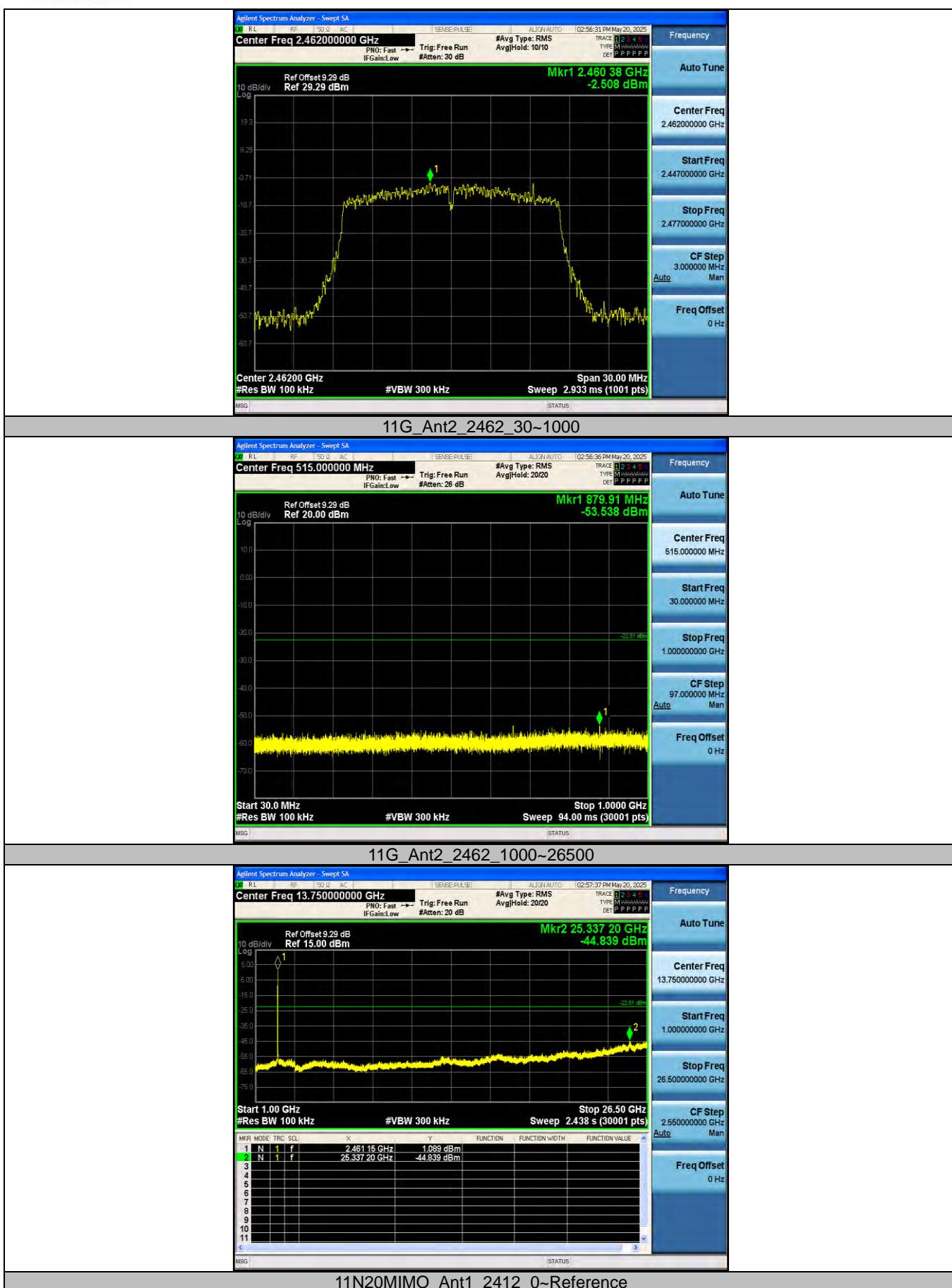


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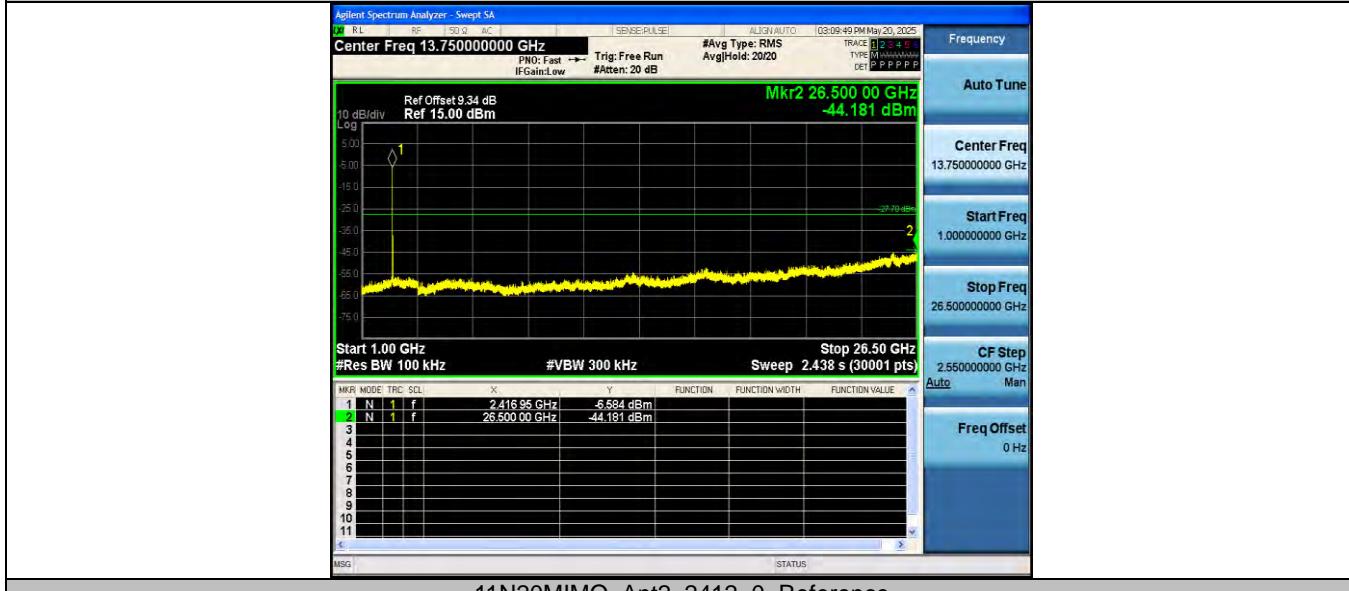
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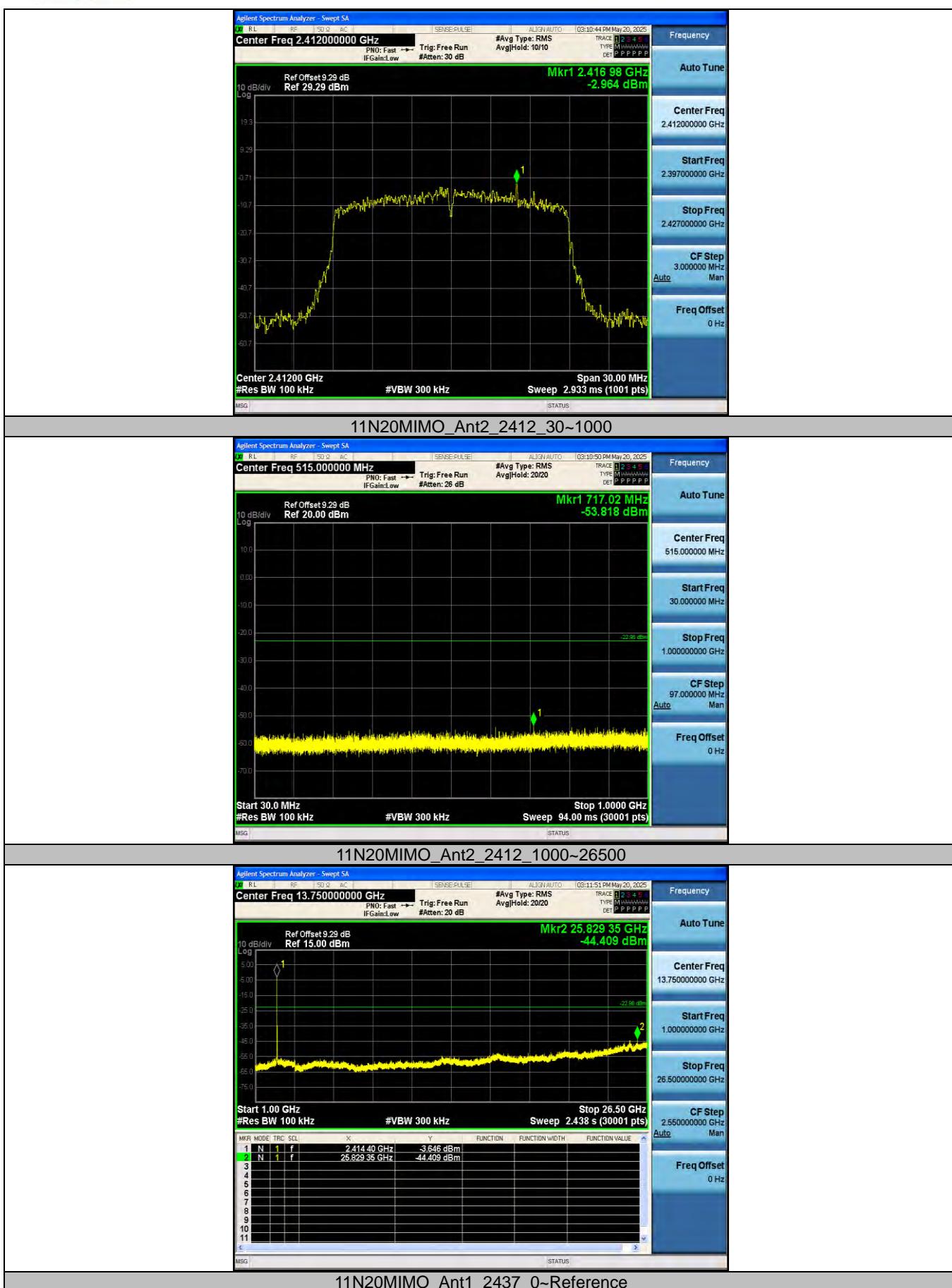
11N20MIMO_Ant1_2412_30~1000



11N20MIMO_Ant1_2412_1000~26500



11N20MIMO_Ant2_2412_0~Reference

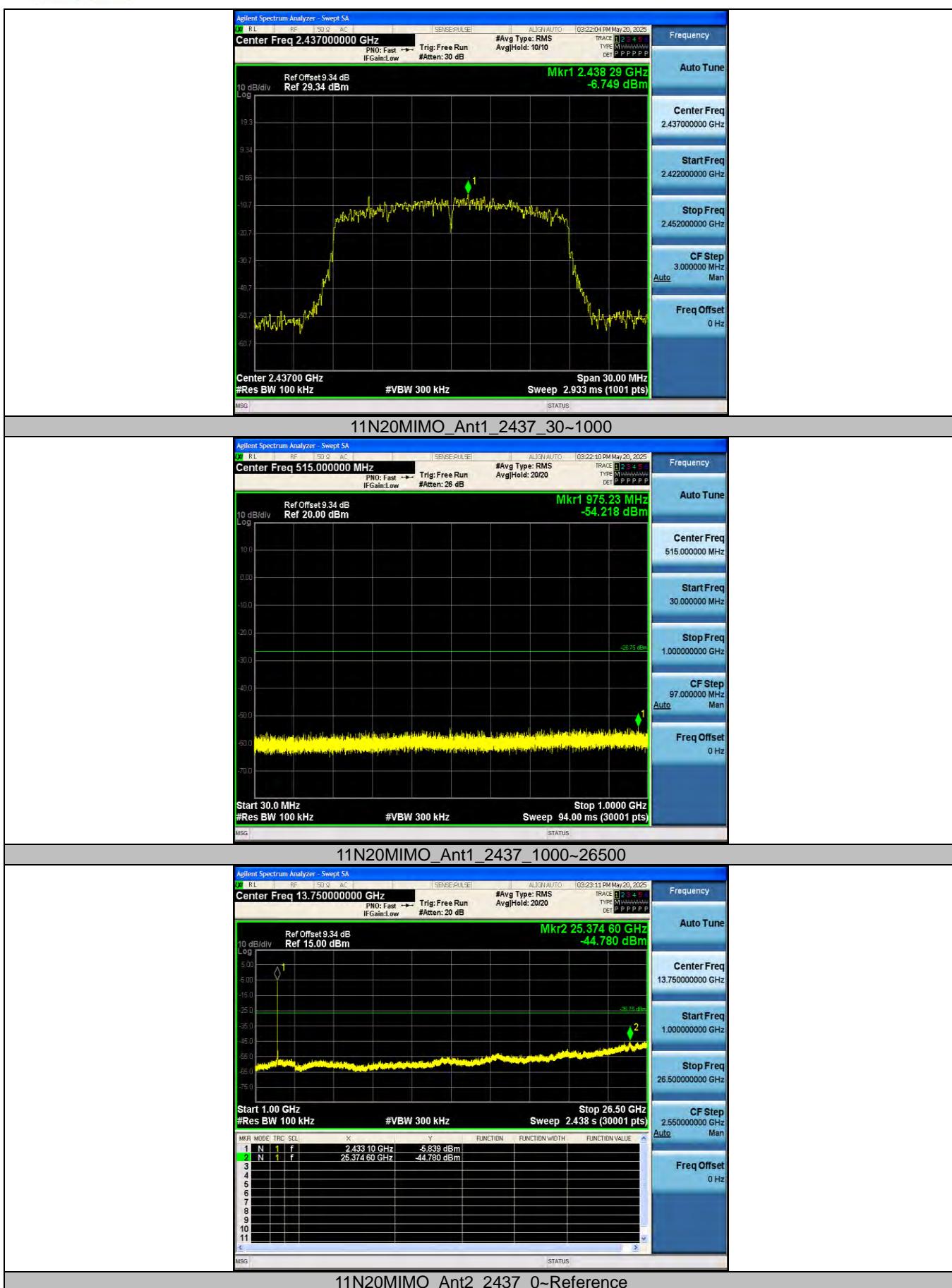


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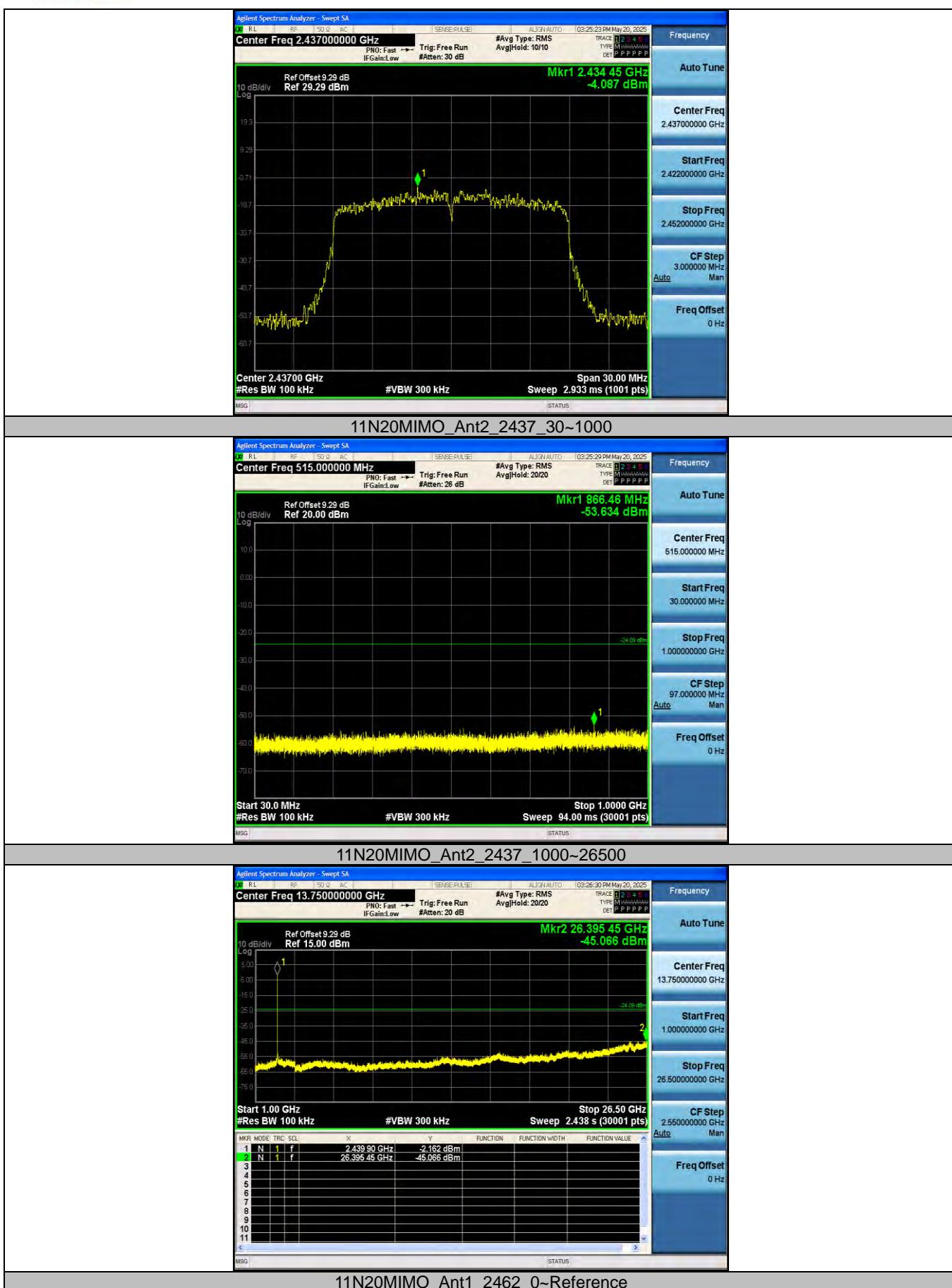


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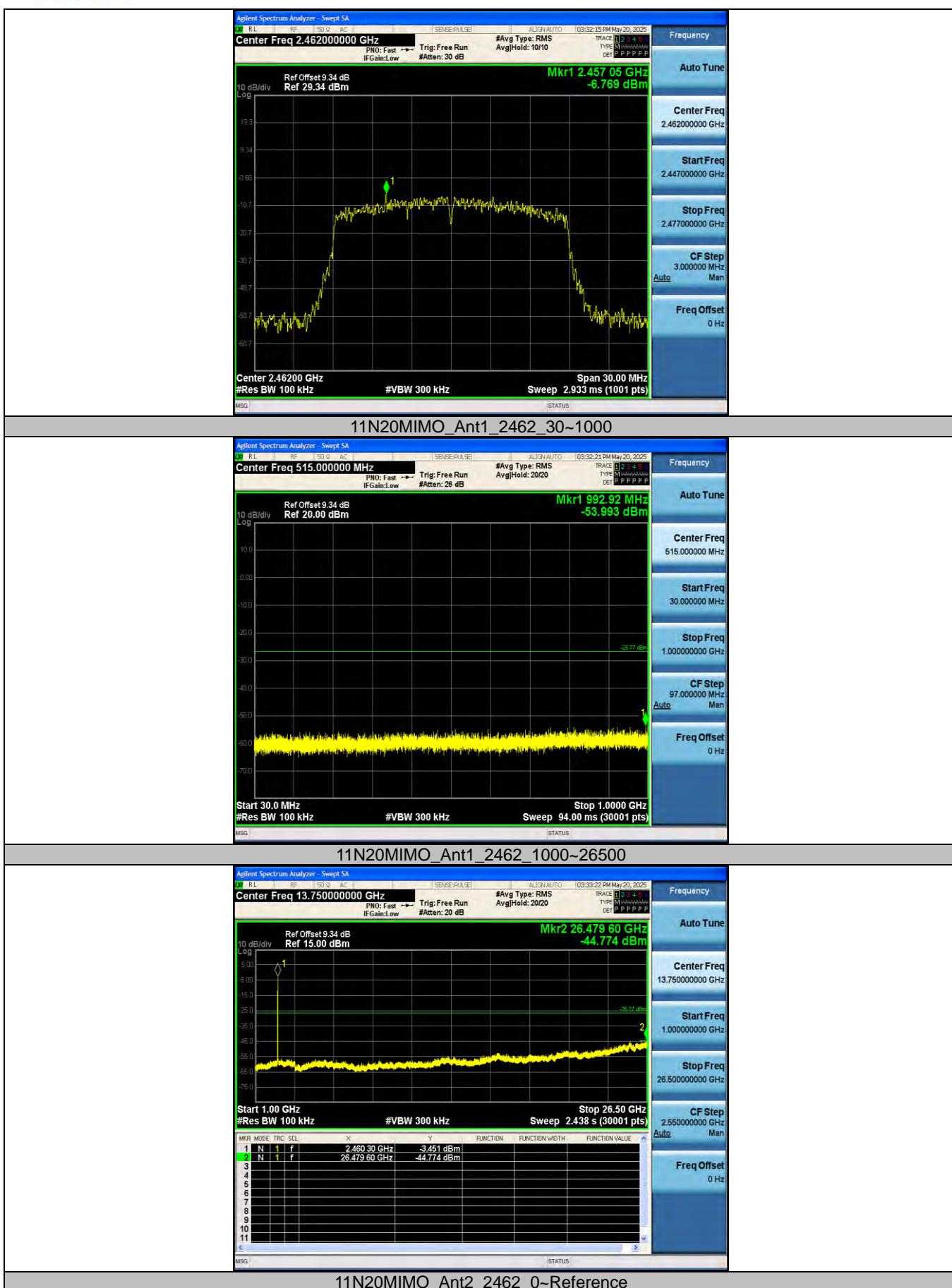


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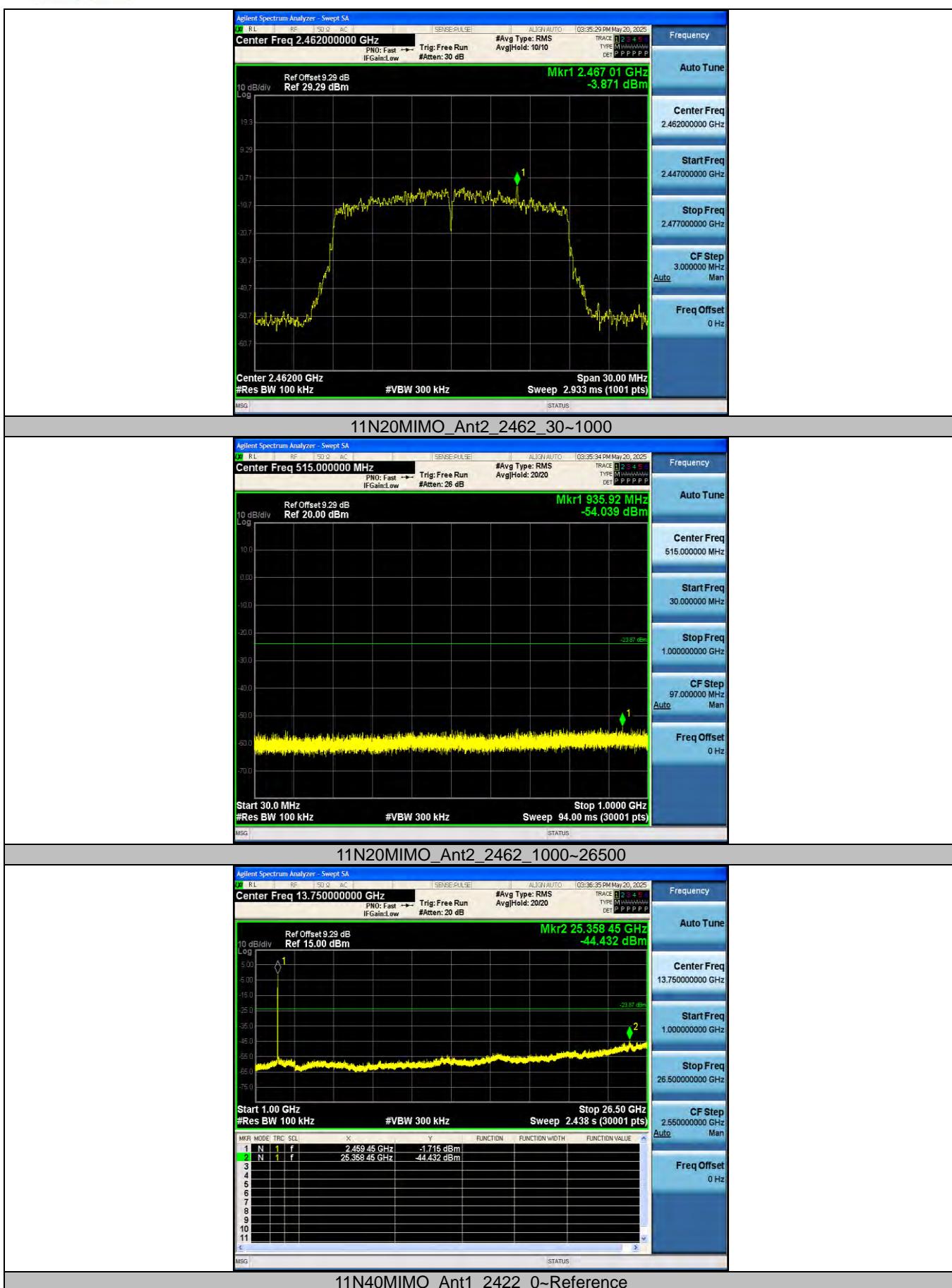


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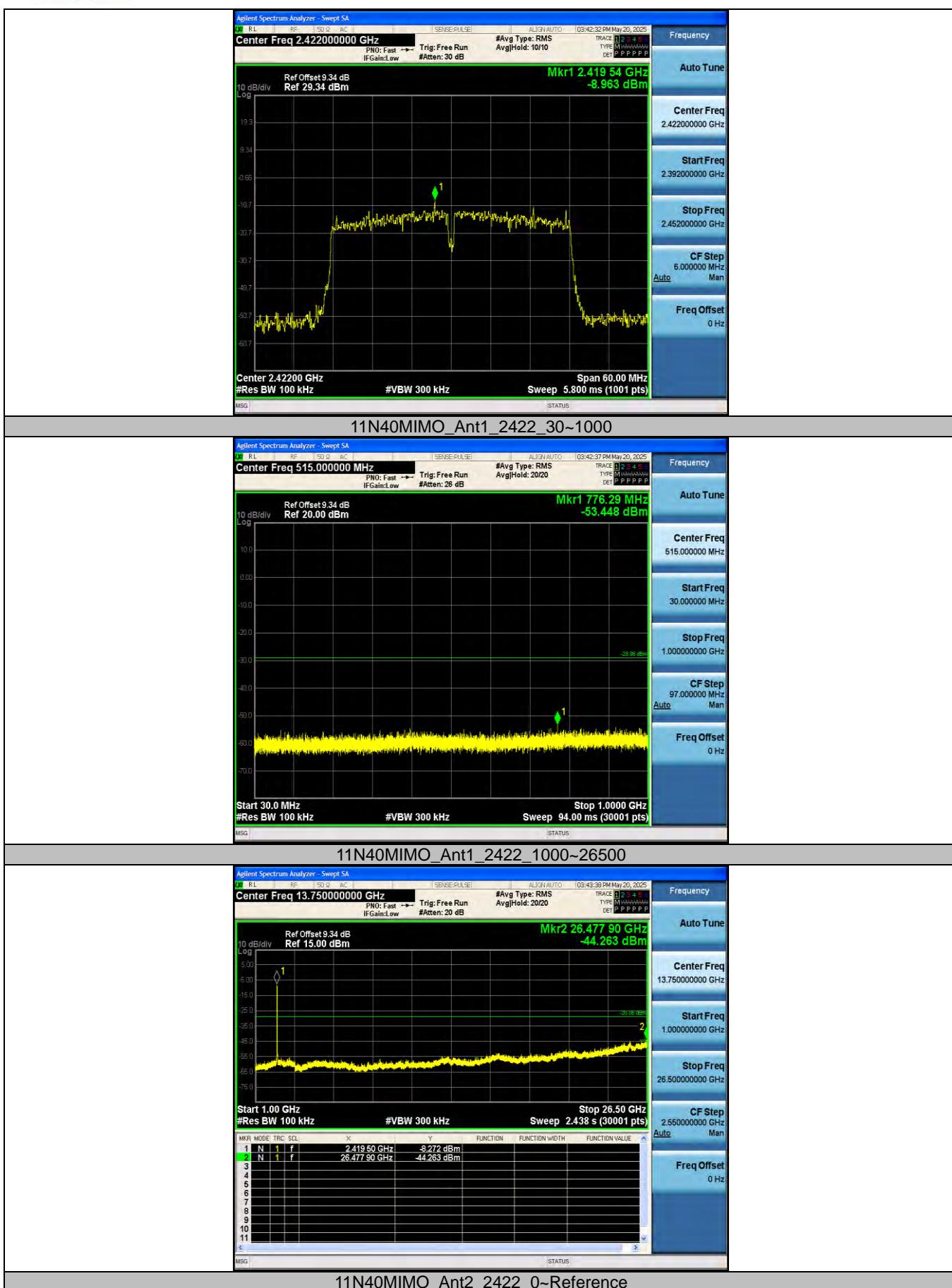


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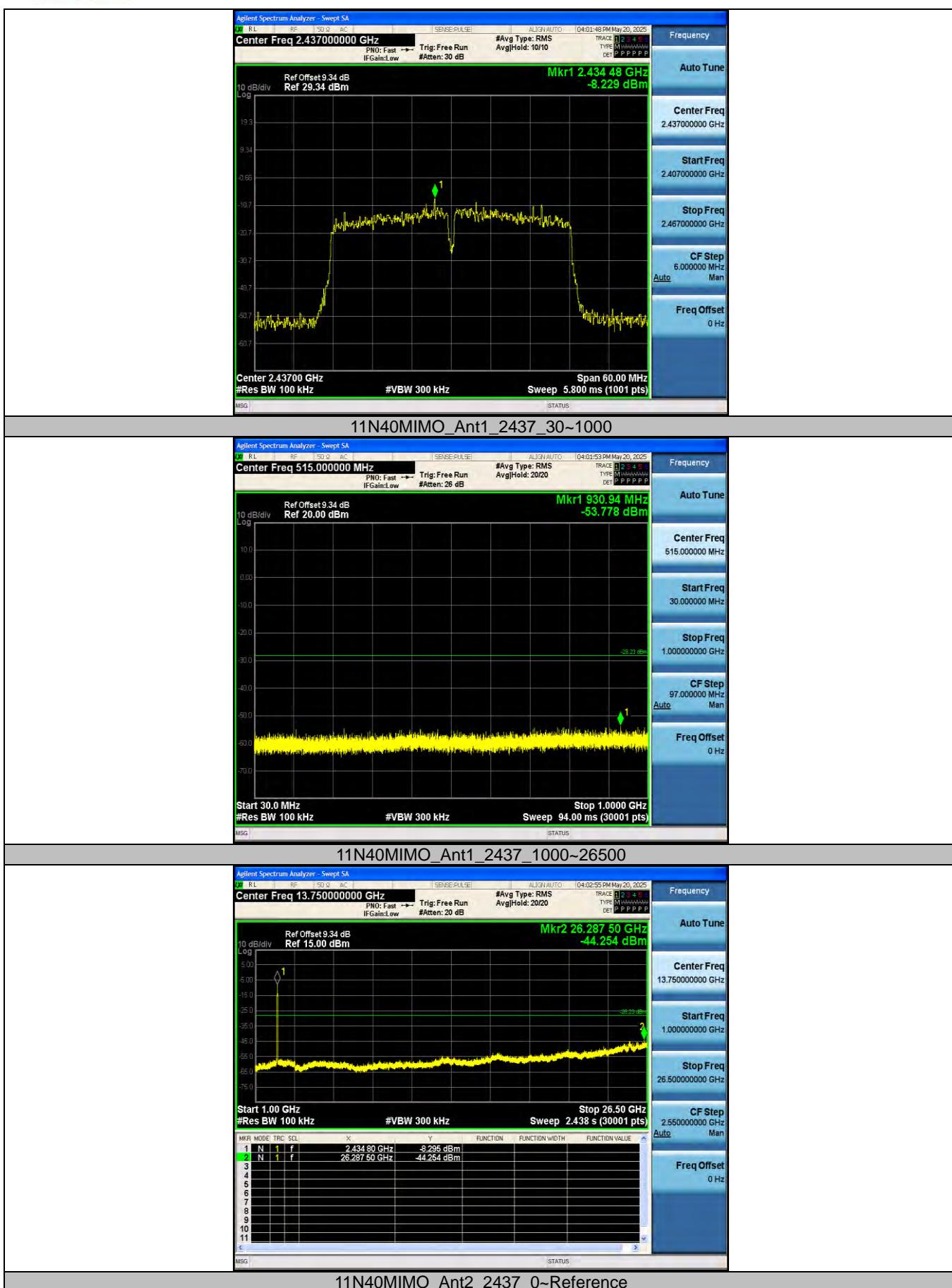


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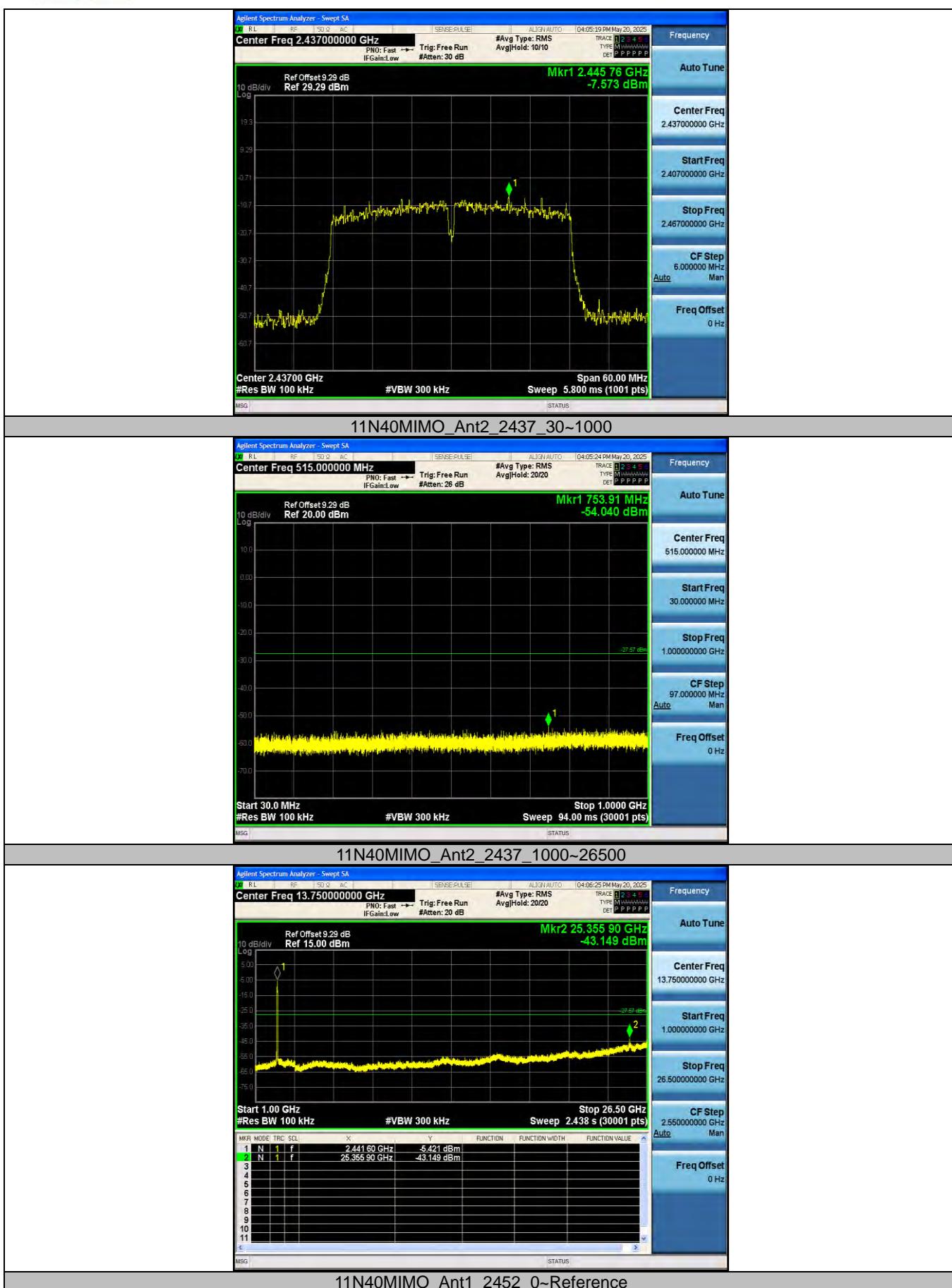


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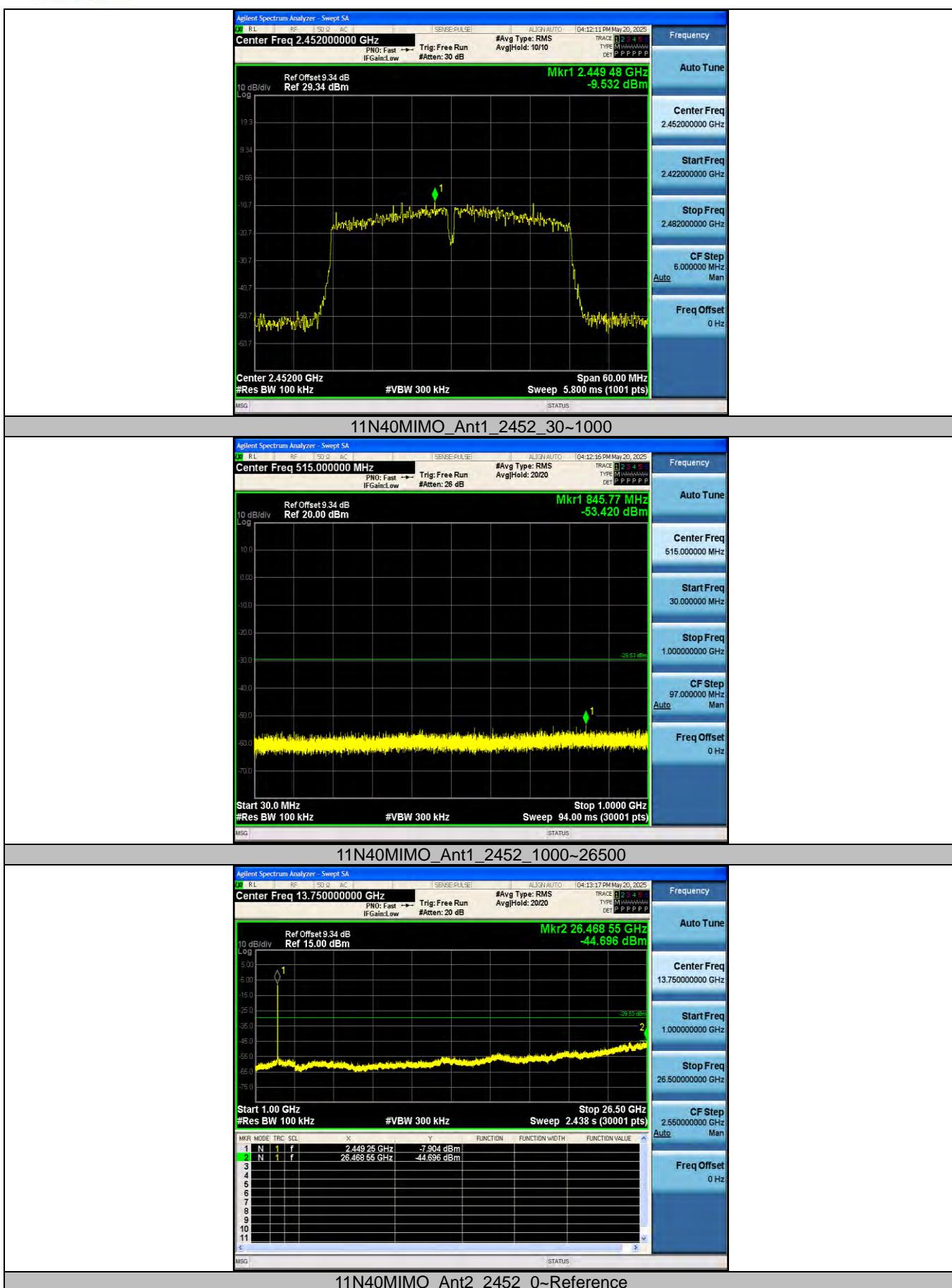


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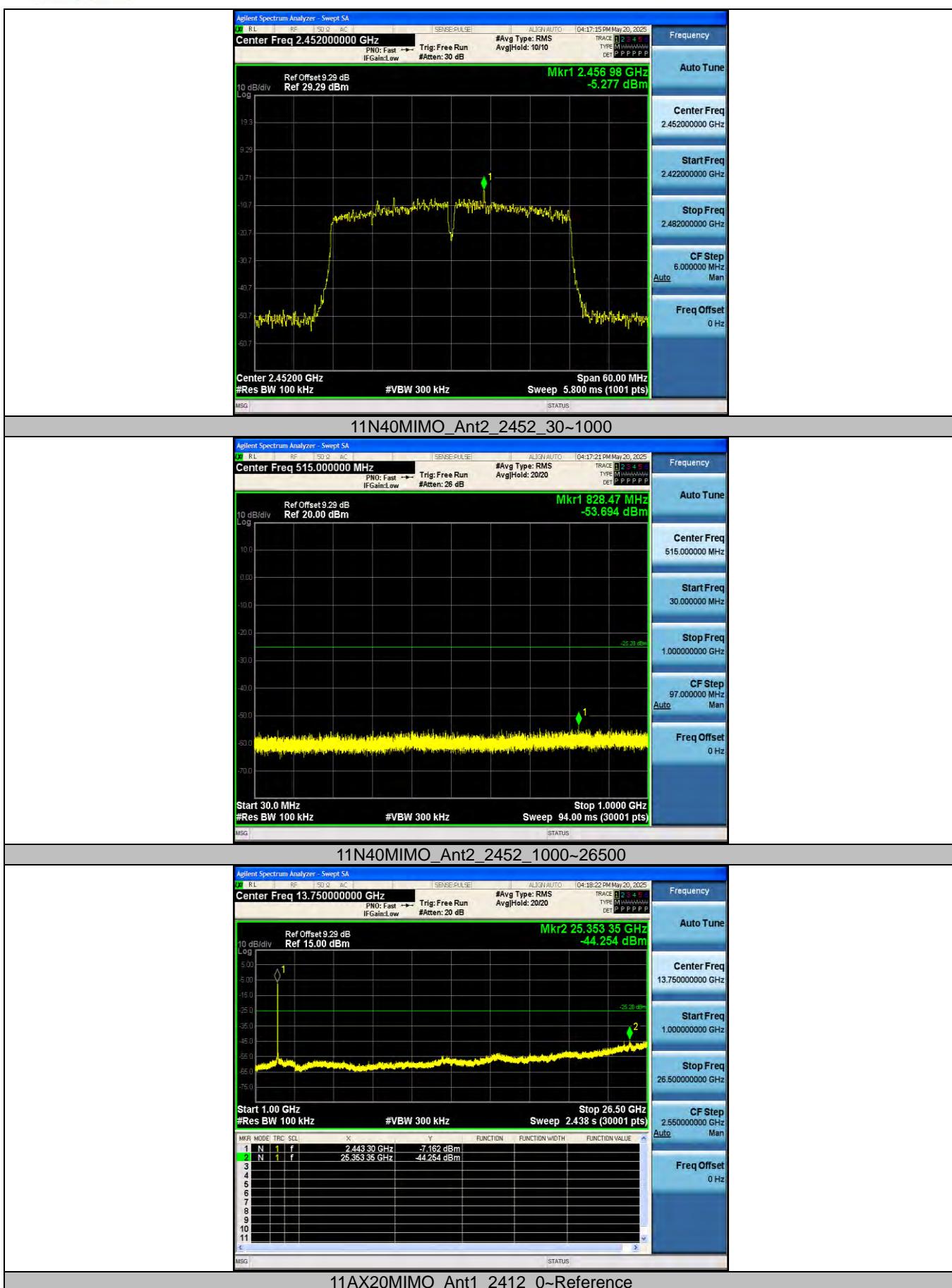


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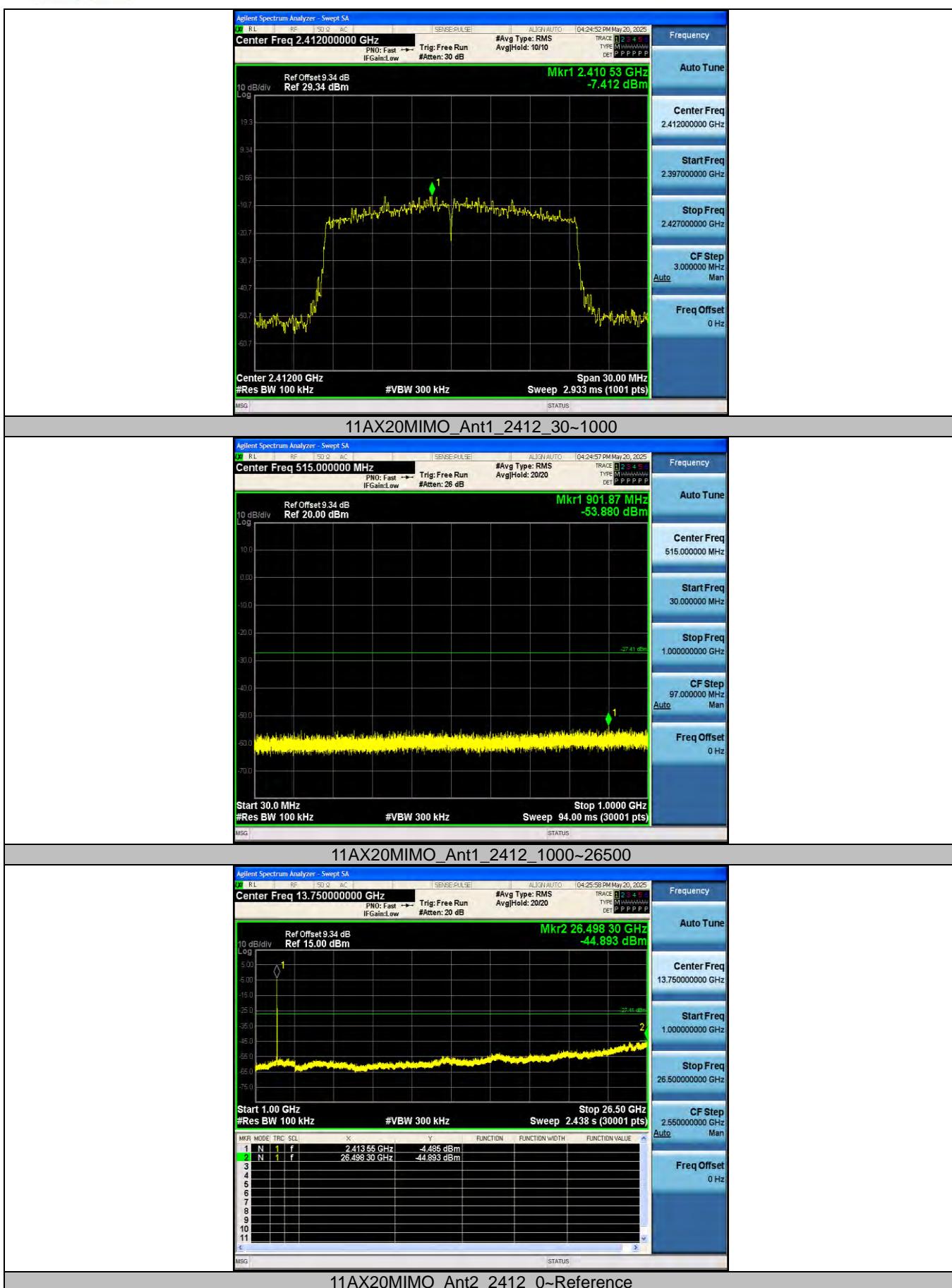


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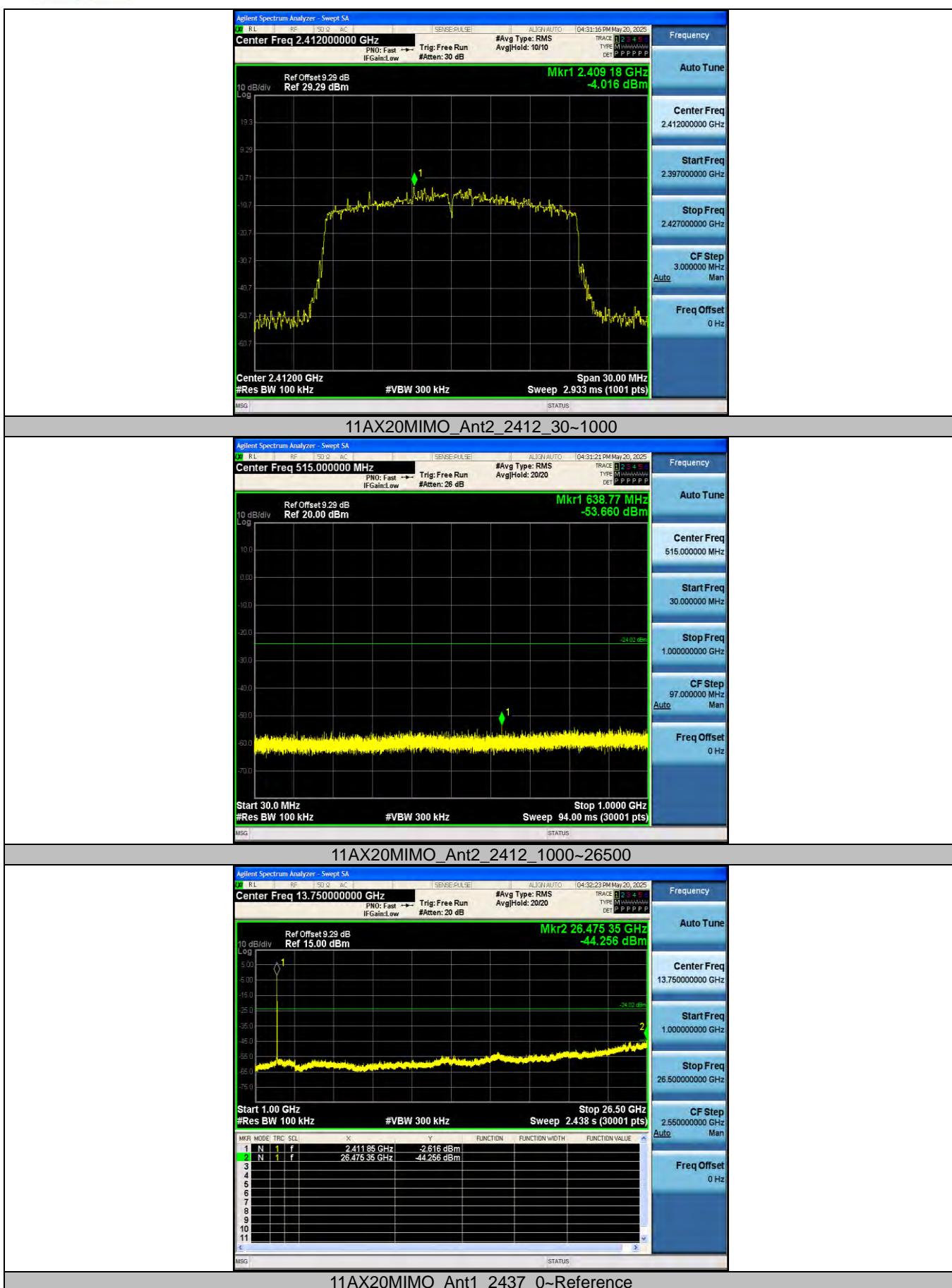


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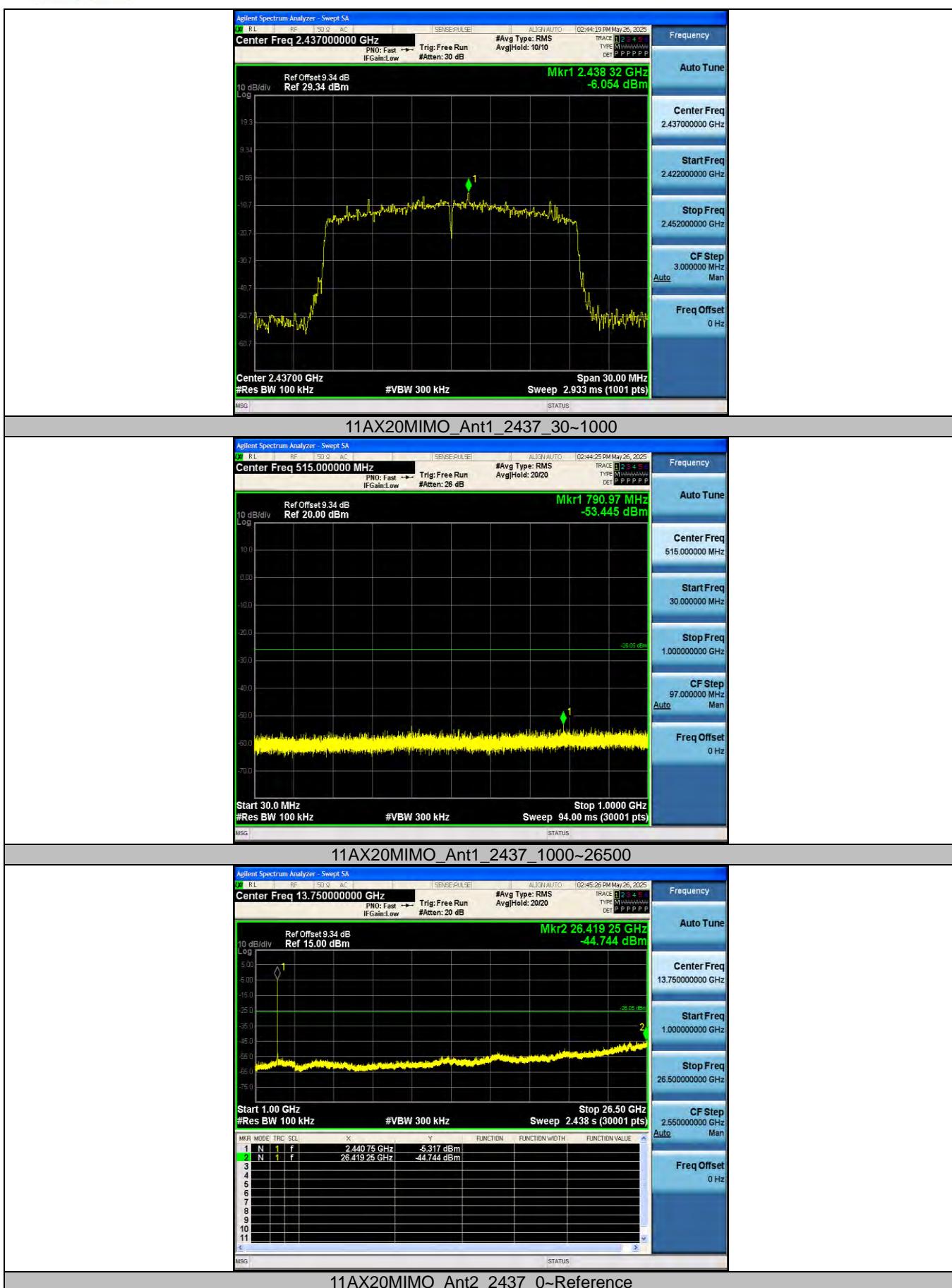


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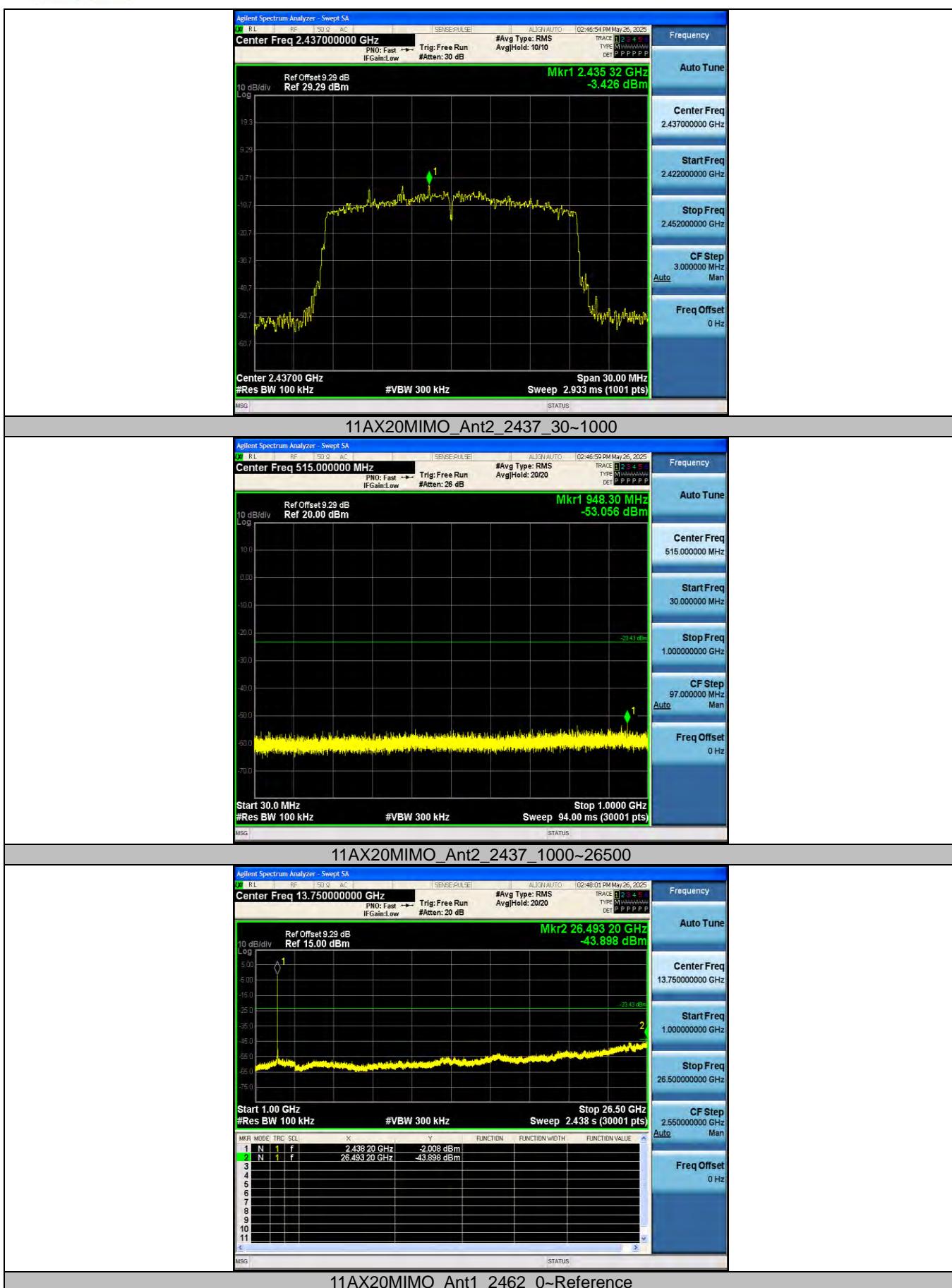


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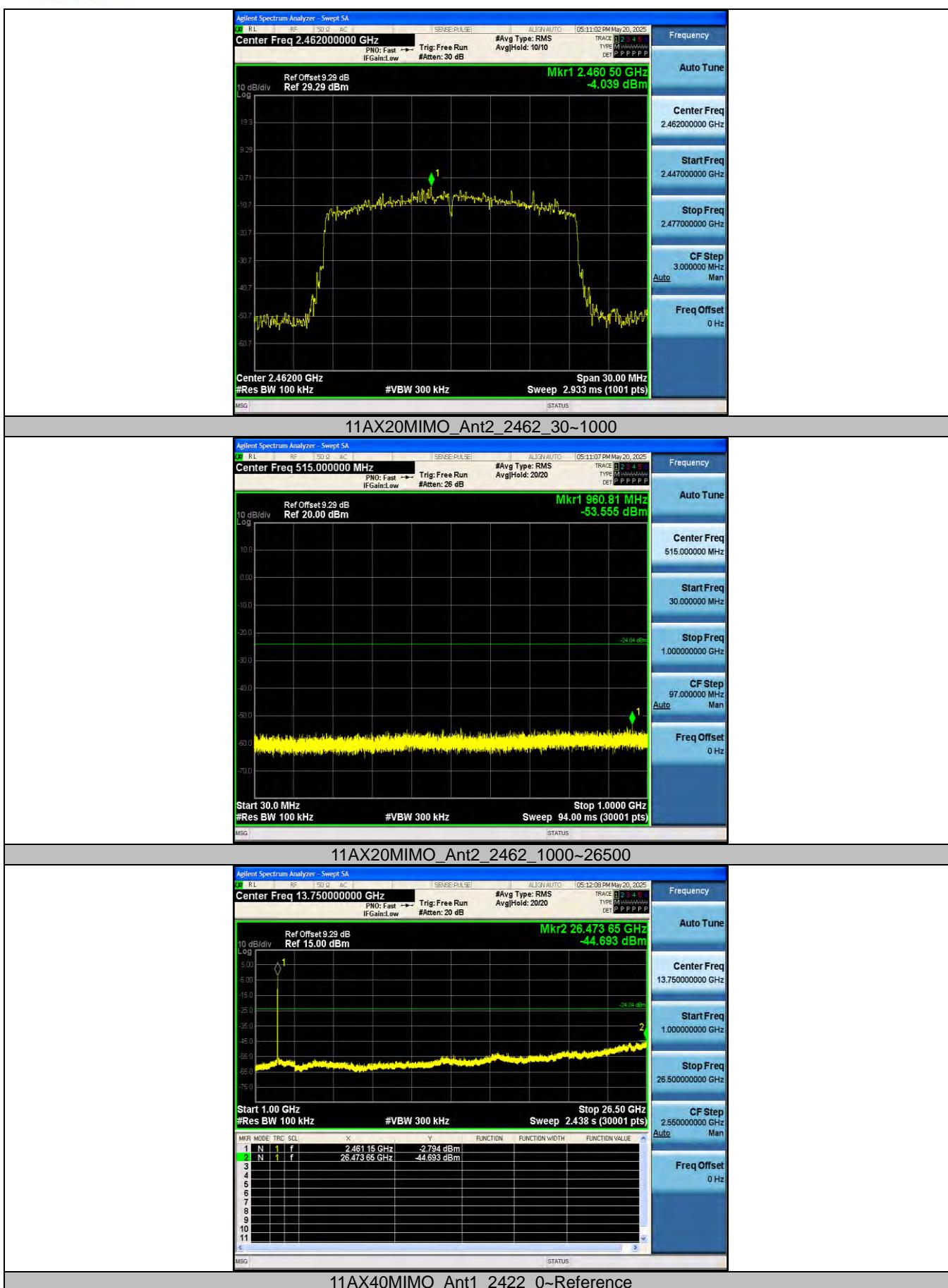


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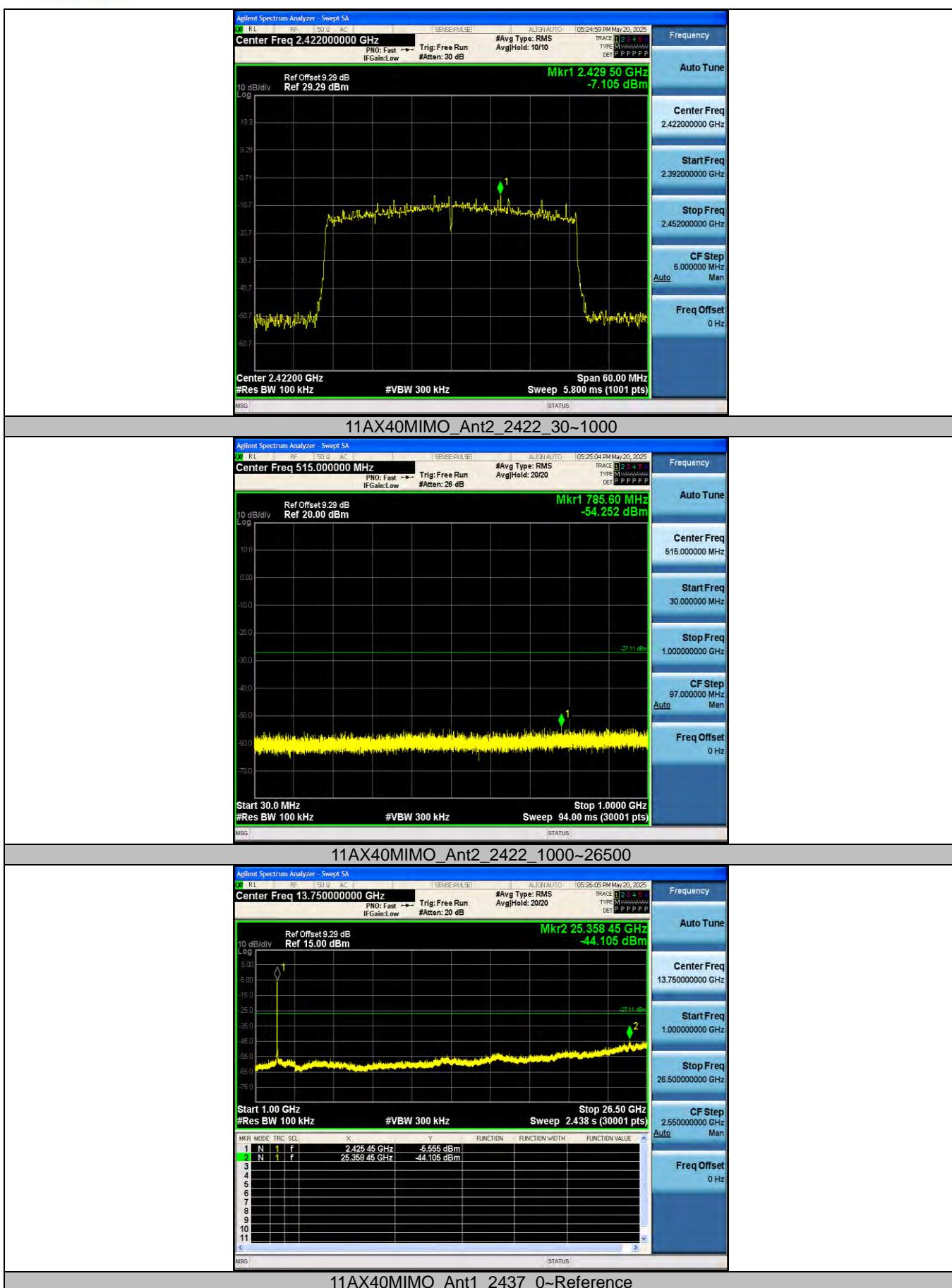


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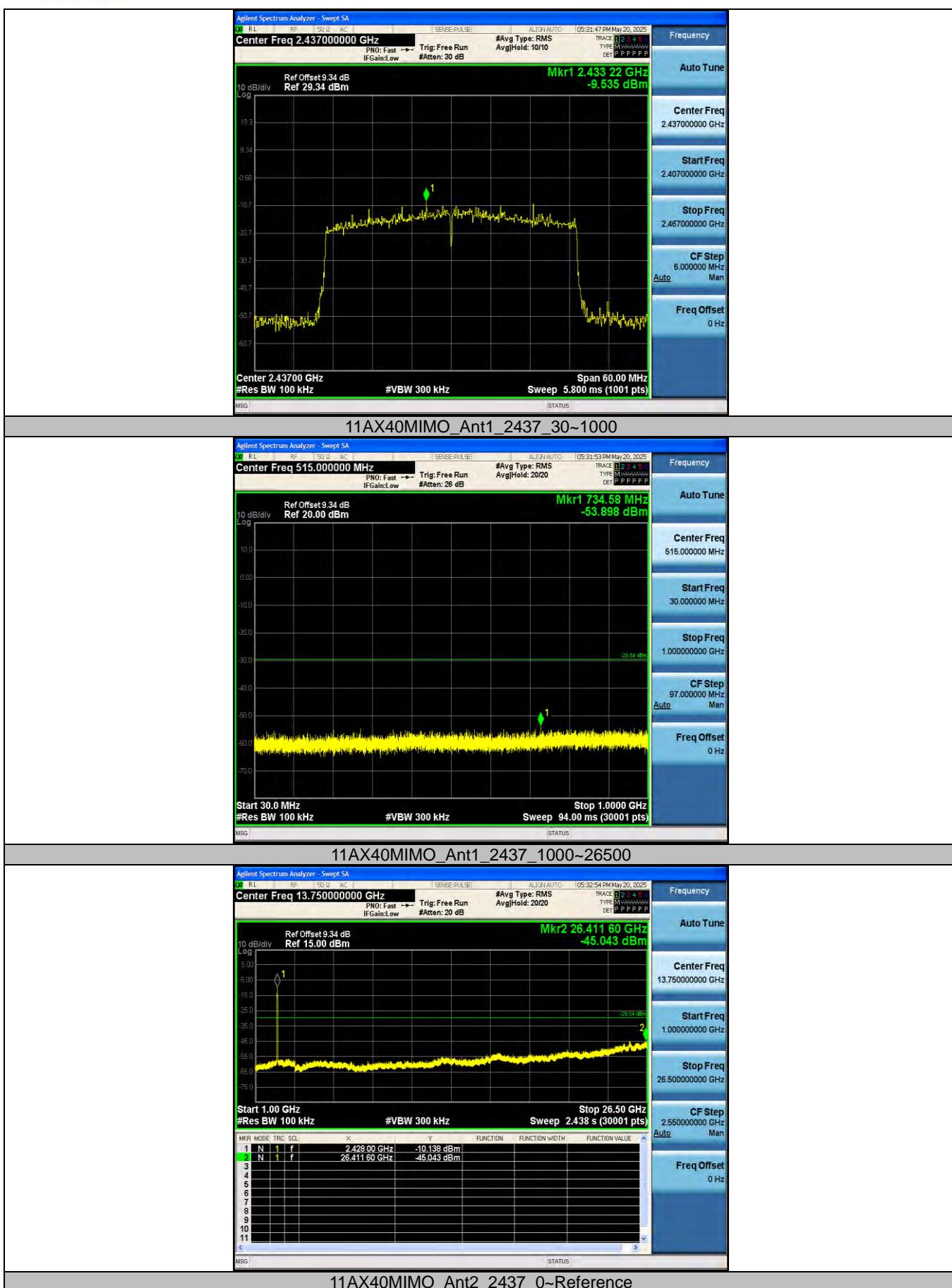


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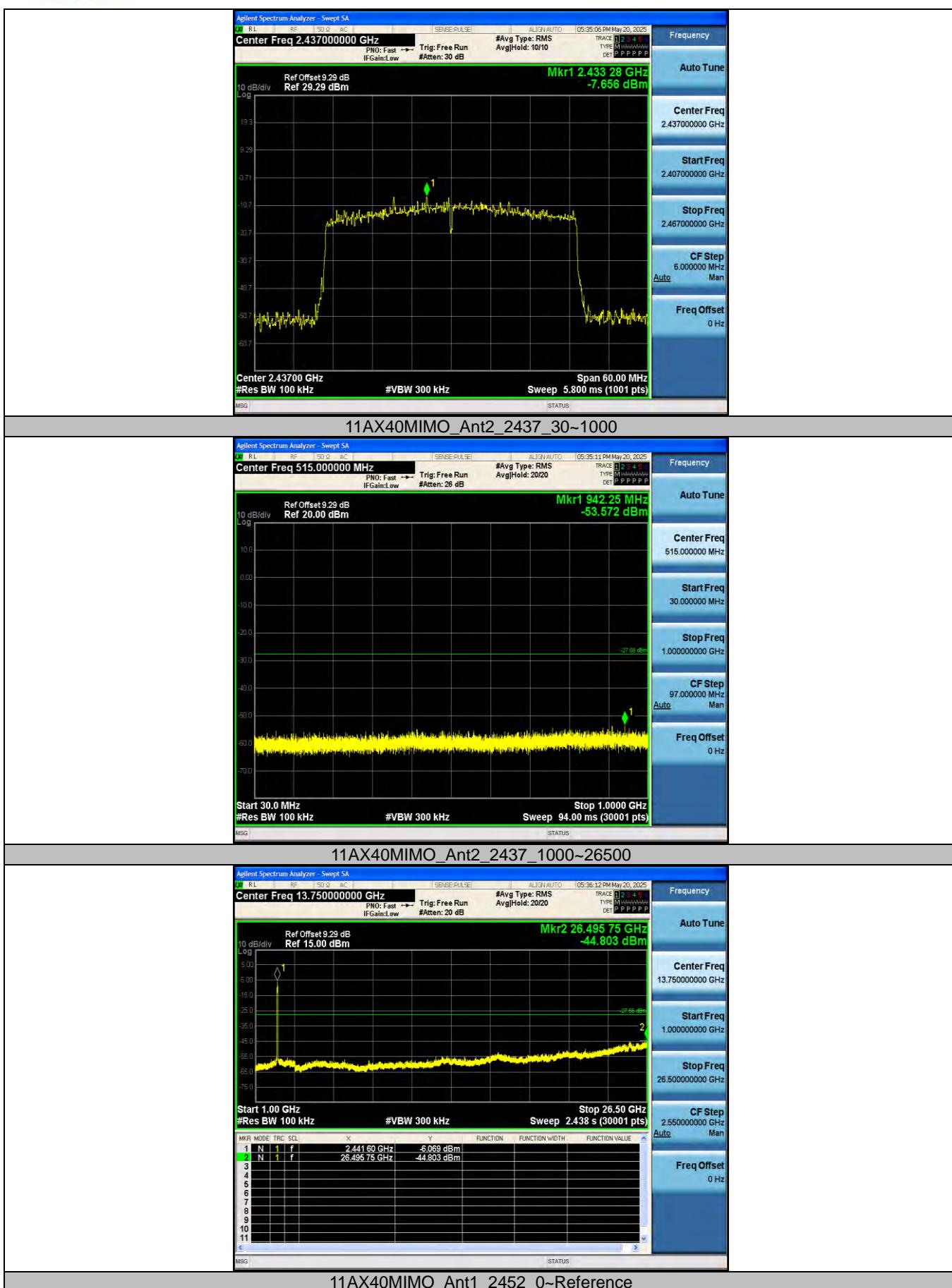


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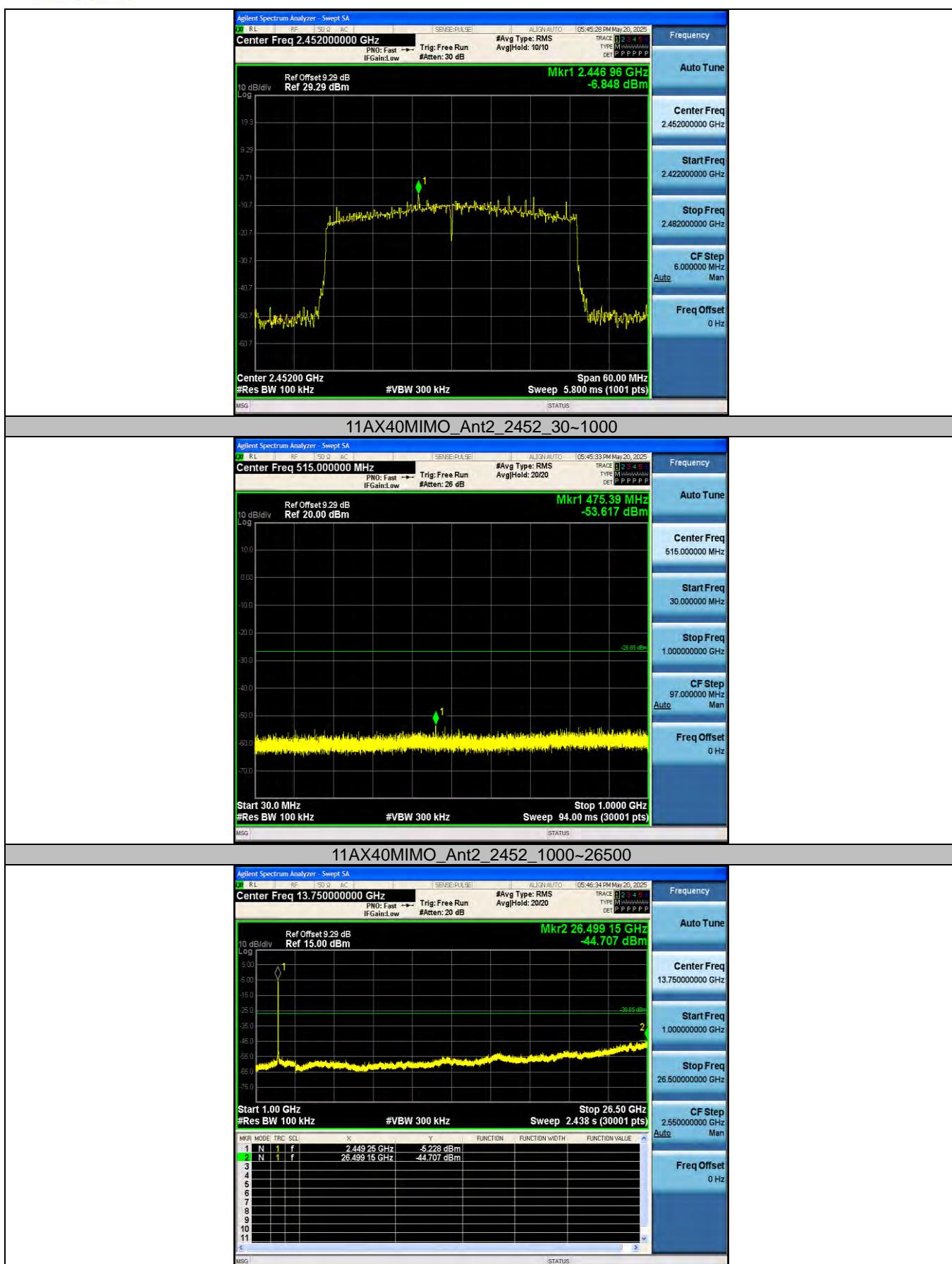


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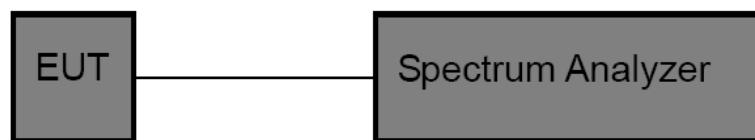
3.5. DTS Bandwidth

Limit

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (a)(2) / RSS-247 5.2 a

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	13.861	10.080	≥ 0.5	PASS
	Ant2	2412	13.940	10.080	≥ 0.5	PASS
	Ant1	2437	13.883	10.080	≥ 0.5	PASS
	Ant2	2437	13.992	10.080	≥ 0.5	PASS
	Ant1	2462	13.870	10.040	≥ 0.5	PASS
	Ant2	2462	13.986	10.080	≥ 0.5	PASS
11G	Ant1	2412	16.262	11.400	≥ 0.5	PASS
	Ant2	2412	16.239	13.800	≥ 0.5	PASS
	Ant1	2437	16.262	15.040	≥ 0.5	PASS
	Ant2	2437	16.258	15.040	≥ 0.5	PASS
	Ant1	2462	16.231	15.040	≥ 0.5	PASS
	Ant2	2462	16.223	14.040	≥ 0.5	PASS
11N20MIMO	Ant1	2412	17.354	13.760	≥ 0.5	PASS
	Ant2	2412	17.340	15.080	≥ 0.5	PASS
	Ant1	2437	17.349	13.880	≥ 0.5	PASS
	Ant2	2437	17.355	13.720	≥ 0.5	PASS
	Ant1	2462	17.385	15.040	≥ 0.5	PASS
	Ant2	2462	17.333	15.280	≥ 0.5	PASS
11N40MIMO	Ant1	2422	35.921	33.840	≥ 0.5	PASS
	Ant2	2422	35.874	35.040	≥ 0.5	PASS
	Ant1	2437	35.906	35.040	≥ 0.5	PASS
	Ant2	2437	35.876	35.040	≥ 0.5	PASS
	Ant1	2452	35.739	33.840	≥ 0.5	PASS
	Ant2	2452	35.849	35.040	≥ 0.5	PASS
11AX20MIMO	Ant1	2412	18.674	15.040	≥ 0.5	PASS
	Ant2	2412	18.715	12.560	≥ 0.5	PASS
	Ant1	2437	18.670	15.080	≥ 0.5	PASS
	Ant2	2437	18.664	15.440	≥ 0.5	PASS
	Ant1	2462	18.717	13.320	≥ 0.5	PASS
	Ant2	2462	18.735	15.080	≥ 0.5	PASS
11AX40MIMO	Ant1	2422	37.559	35.040	≥ 0.5	PASS
	Ant2	2422	37.382	33.760	≥ 0.5	PASS
	Ant1	2437	37.529	33.840	≥ 0.5	PASS
	Ant2	2437	37.390	33.840	≥ 0.5	PASS
	Ant1	2452	37.368	33.760	≥ 0.5	PASS
	Ant2	2452	37.309	33.760	≥ 0.5	PASS

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99% Bandwidth:

11B_Ant1_2412



11B_Ant2_2412



11B_Ant1_2437



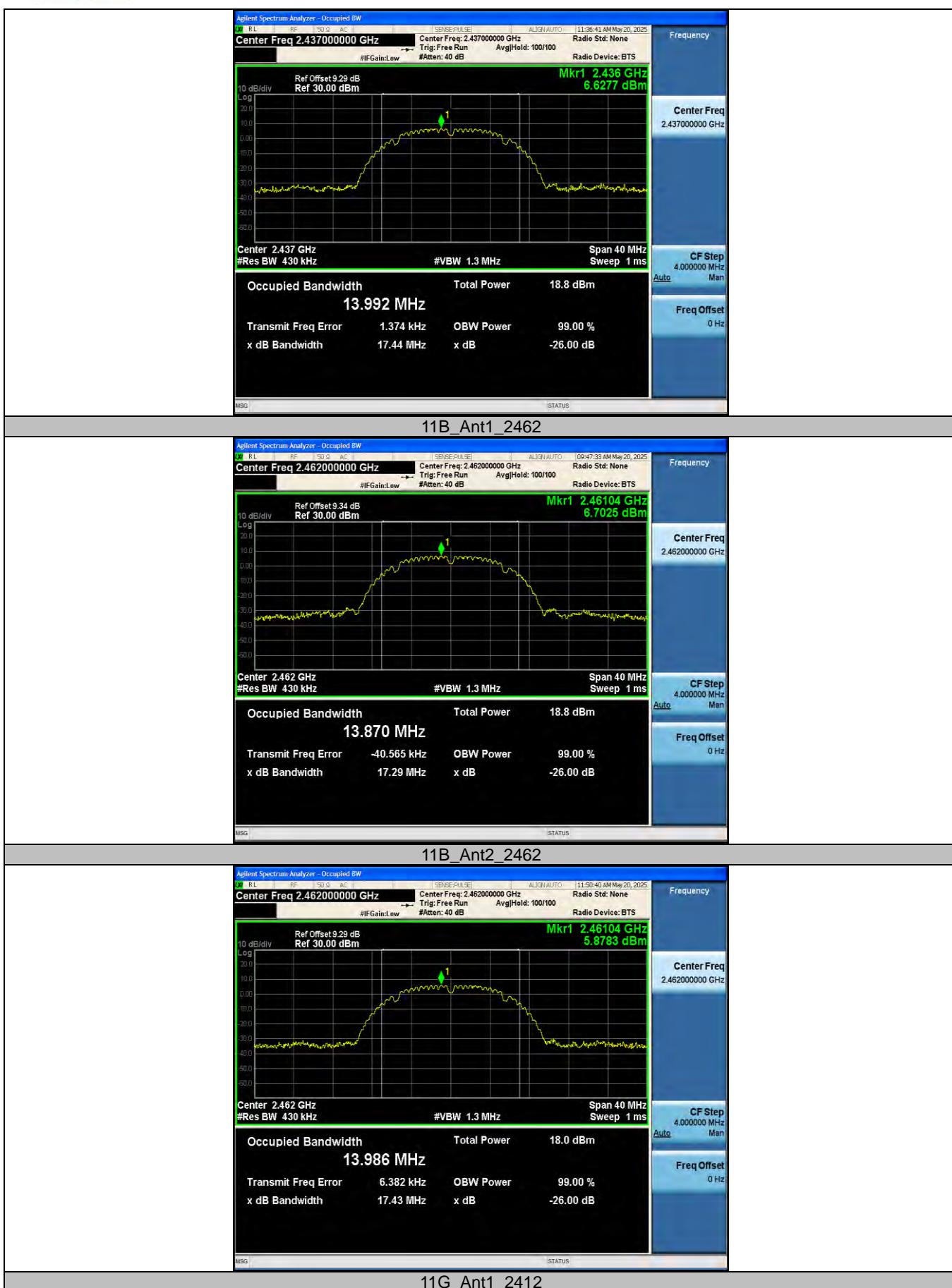
11B_Ant2_2437

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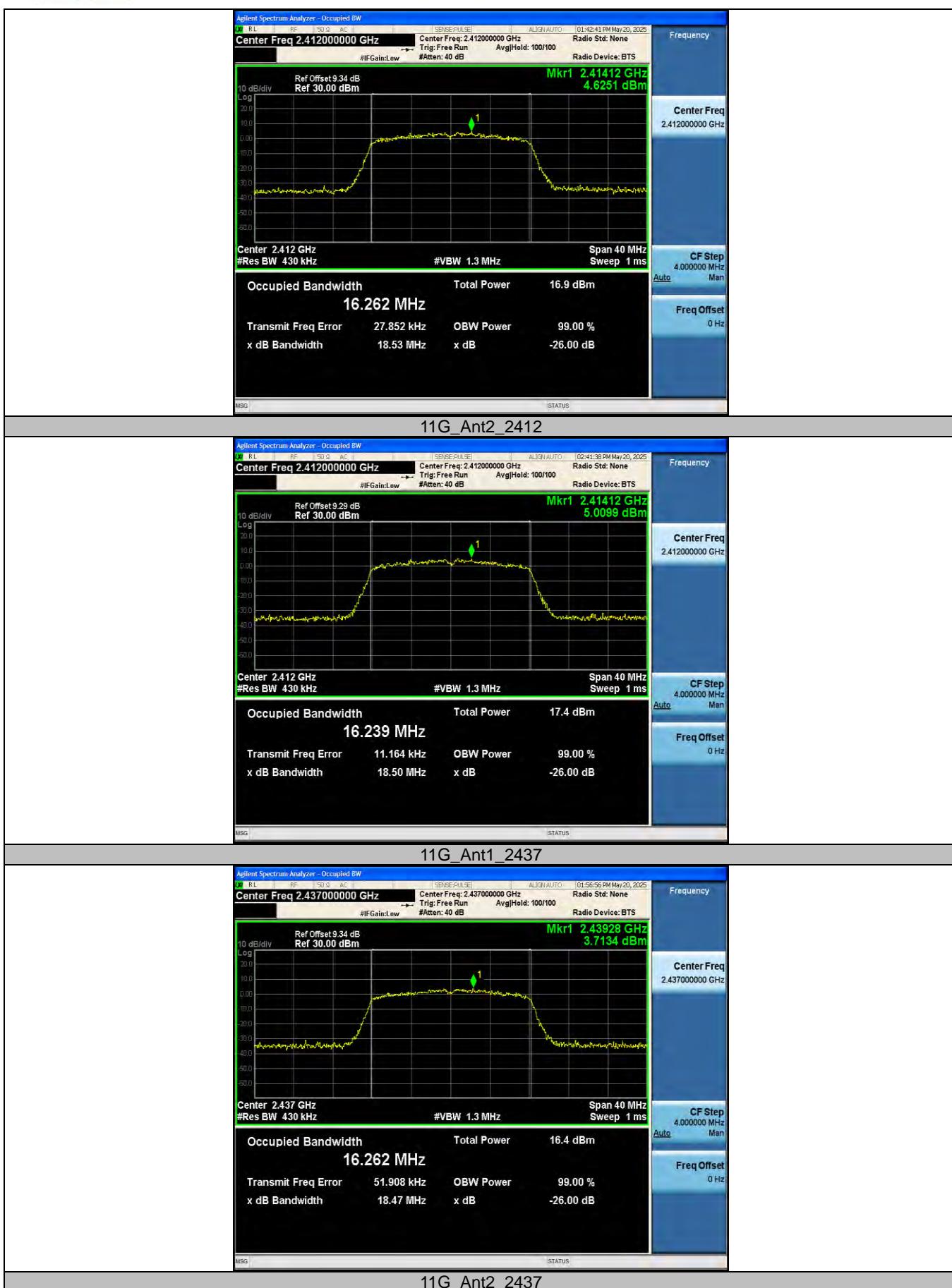


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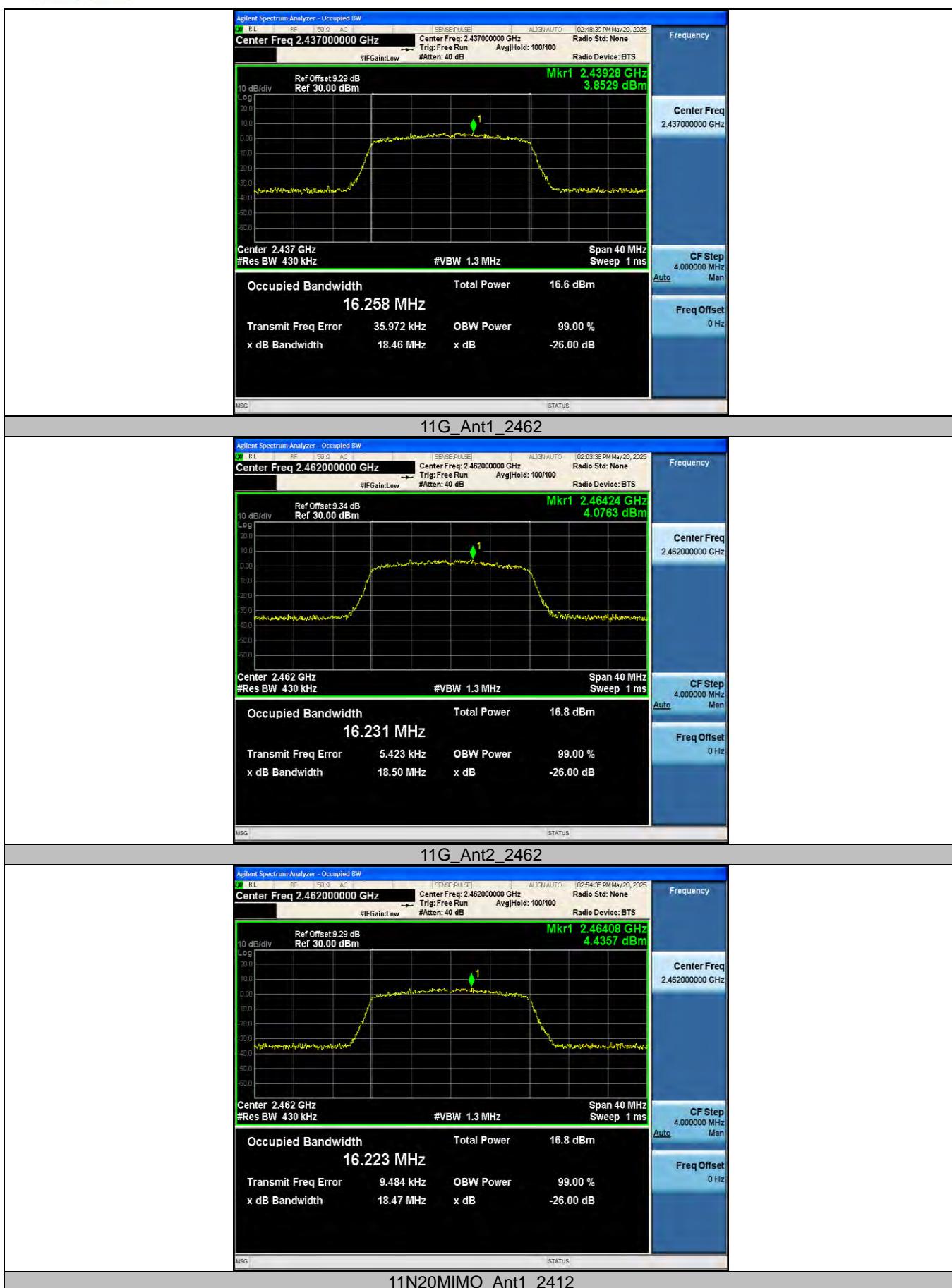


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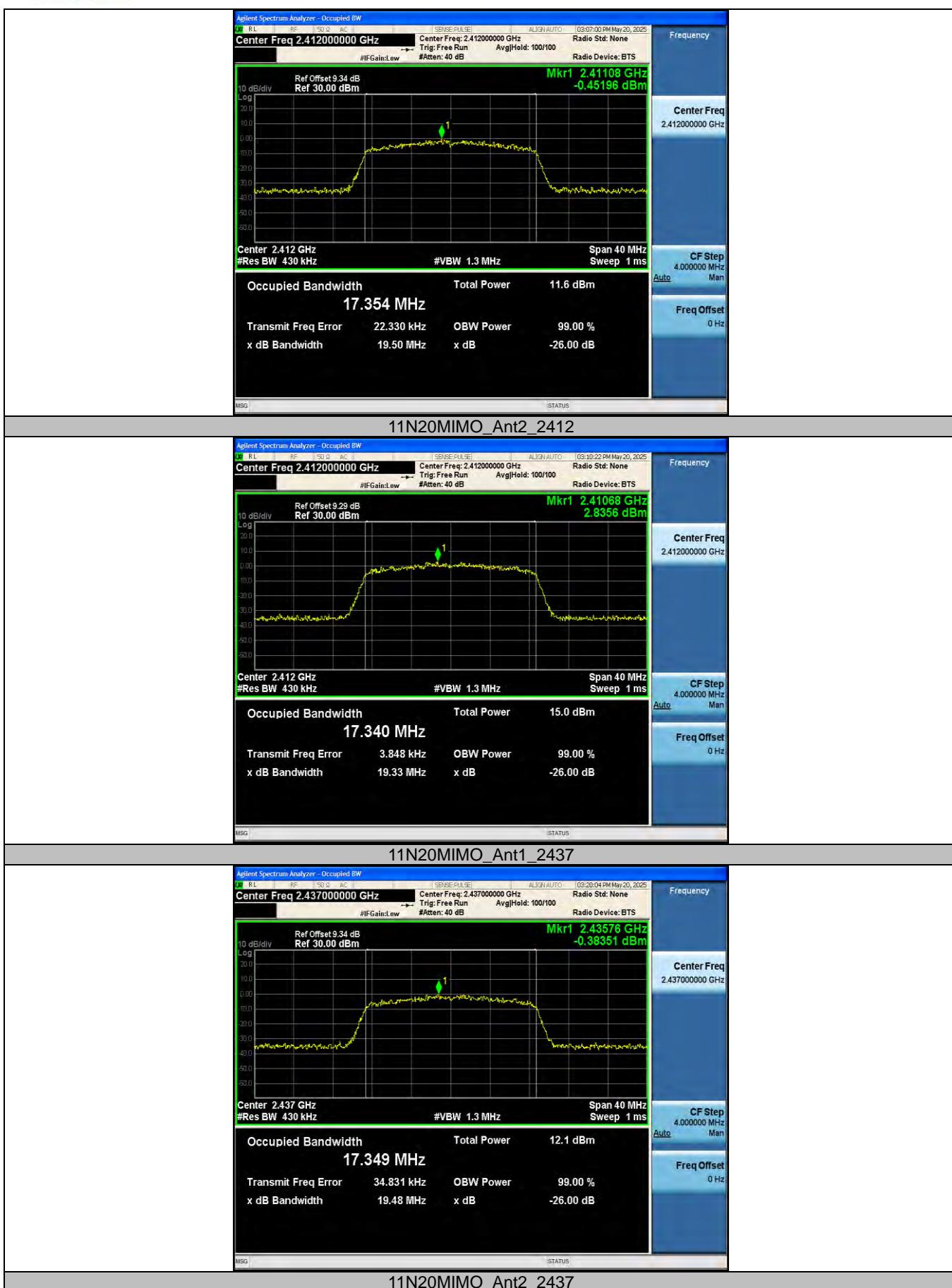


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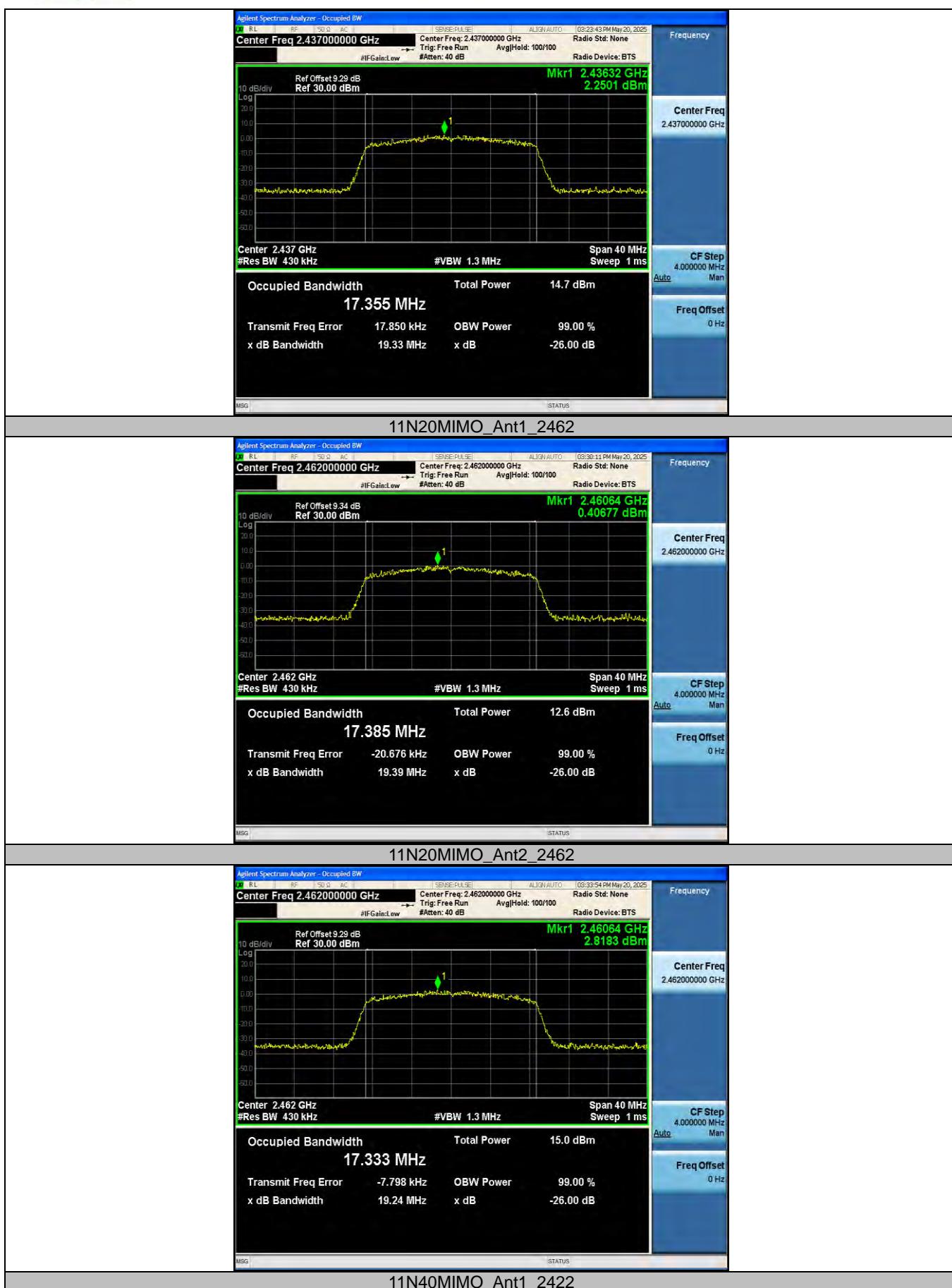


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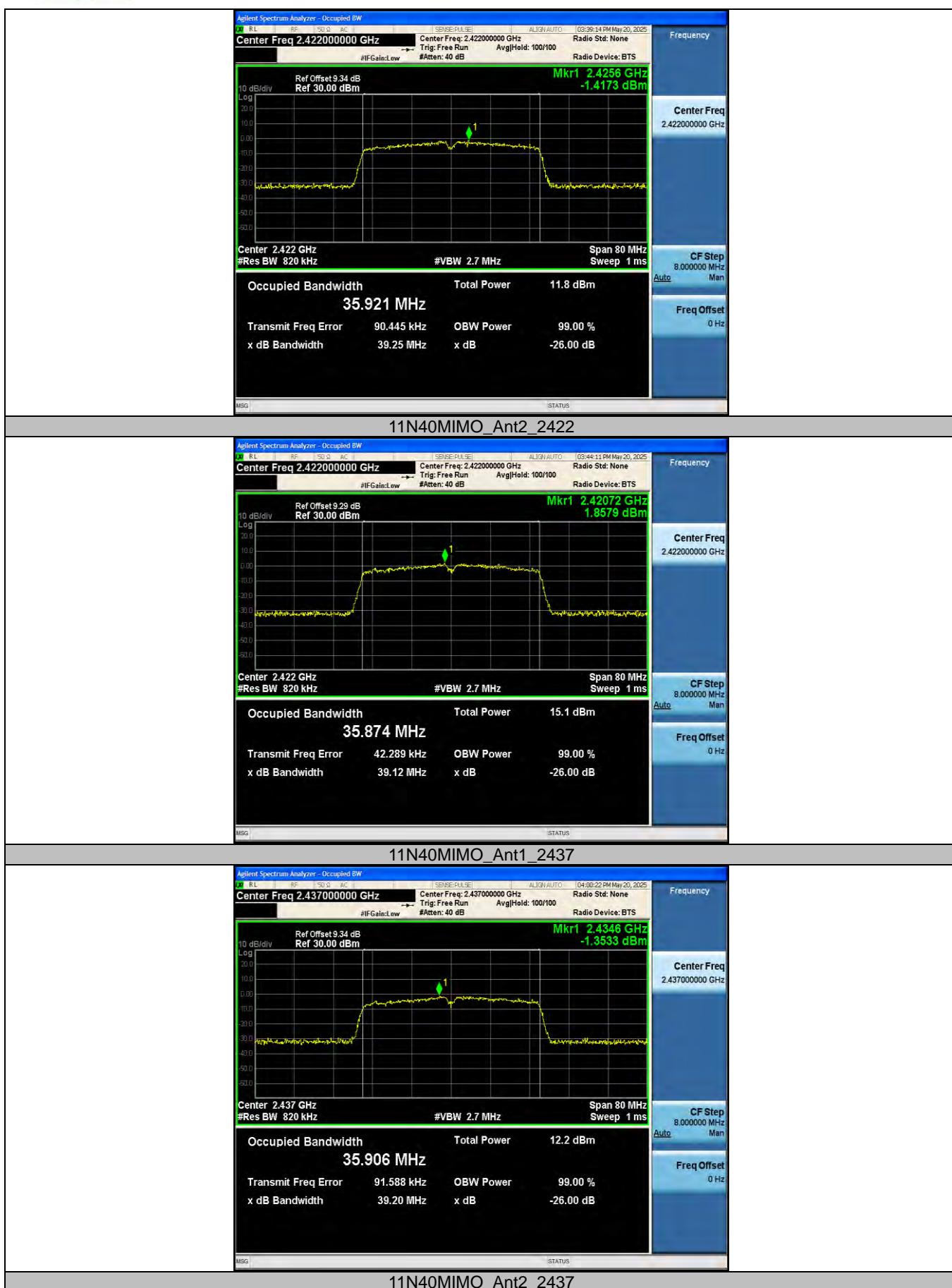


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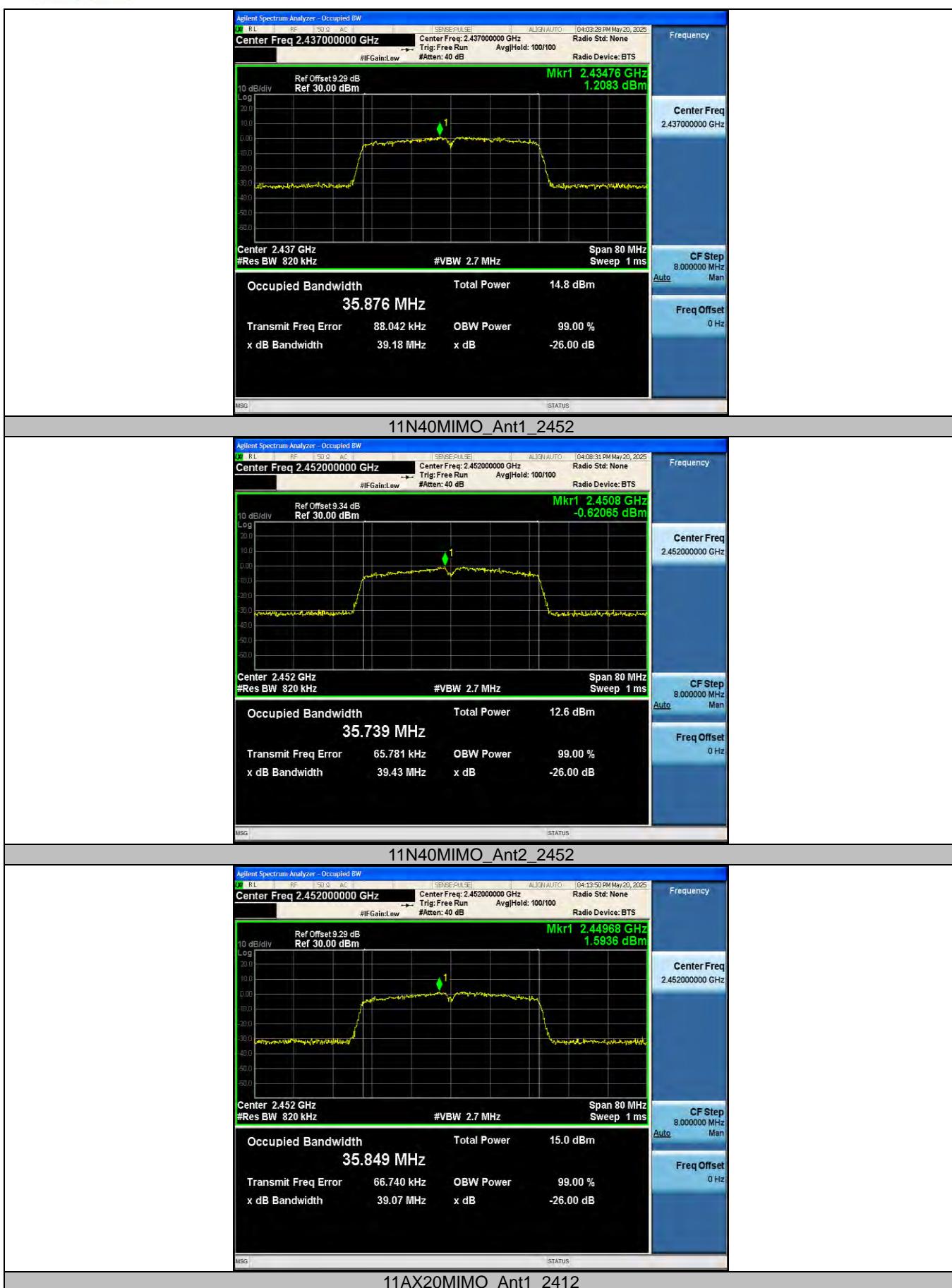


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