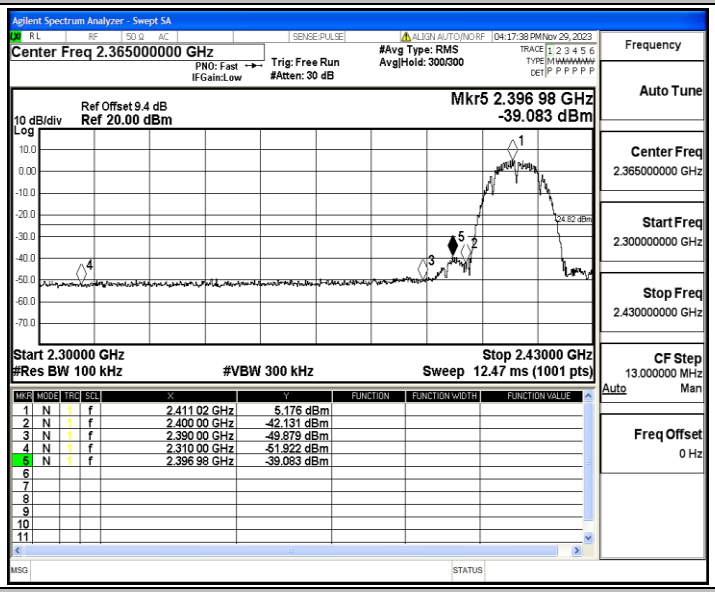
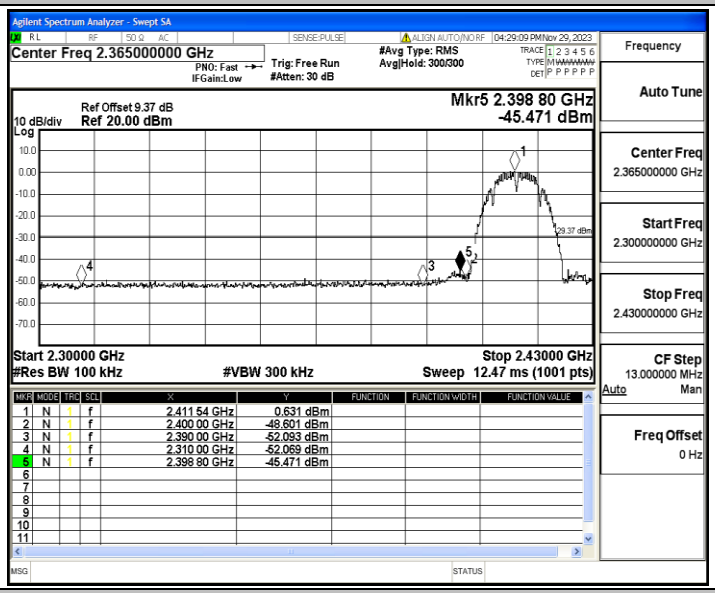
Test Graphs

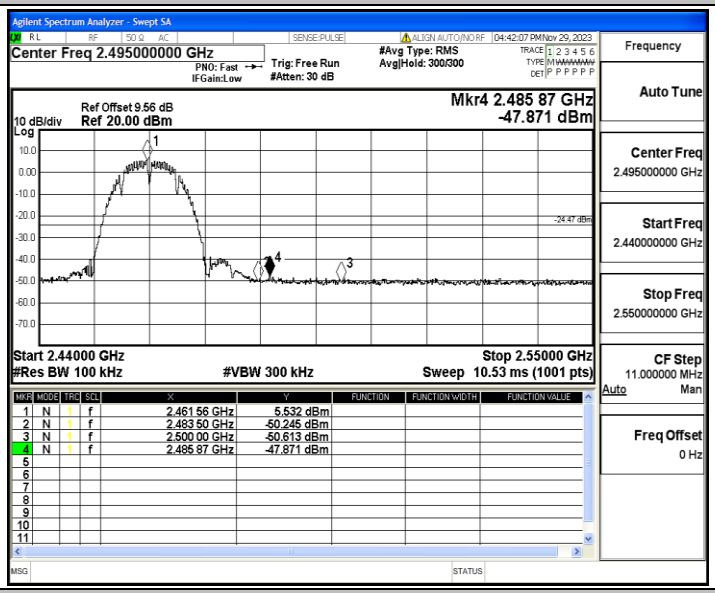
11B_Ant1_Low_2412



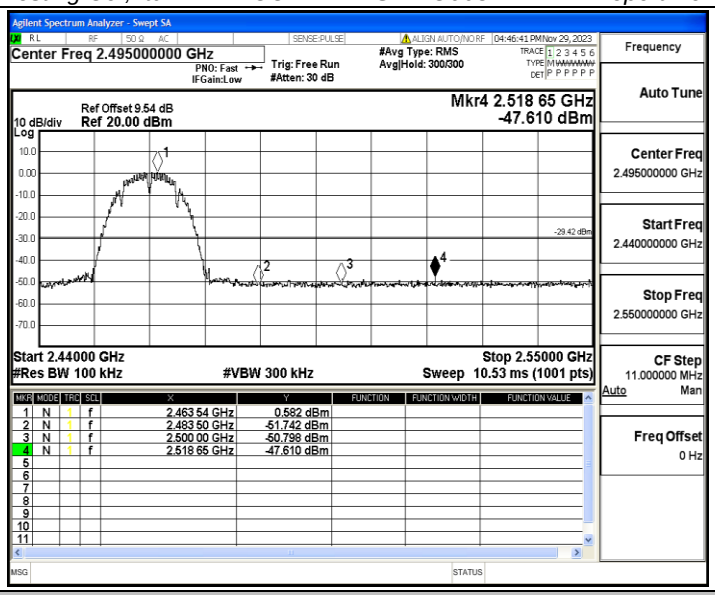
11B_Ant2_Low_2412



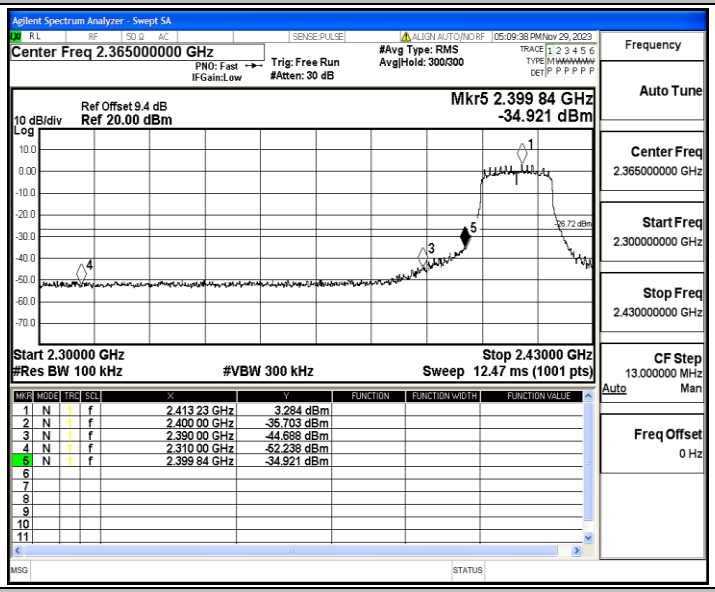
11B_Ant1_High_2462



11B_Ant2_High_2462



11G_Ant1_Low_2412



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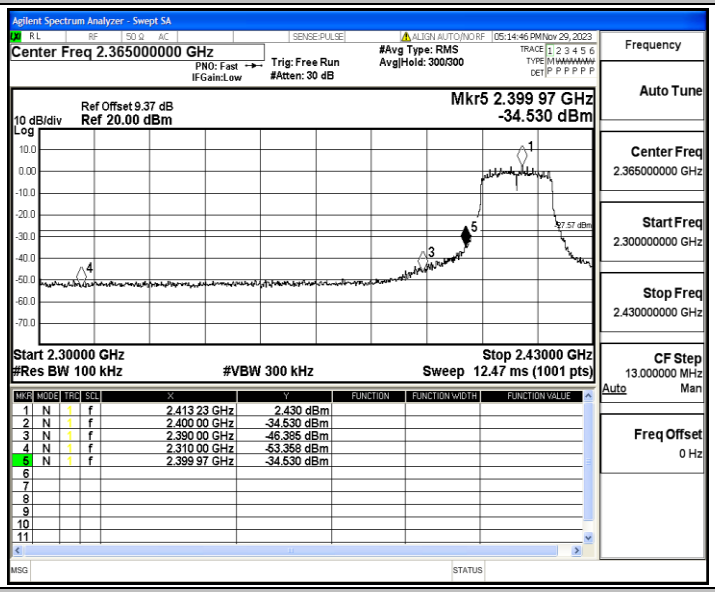

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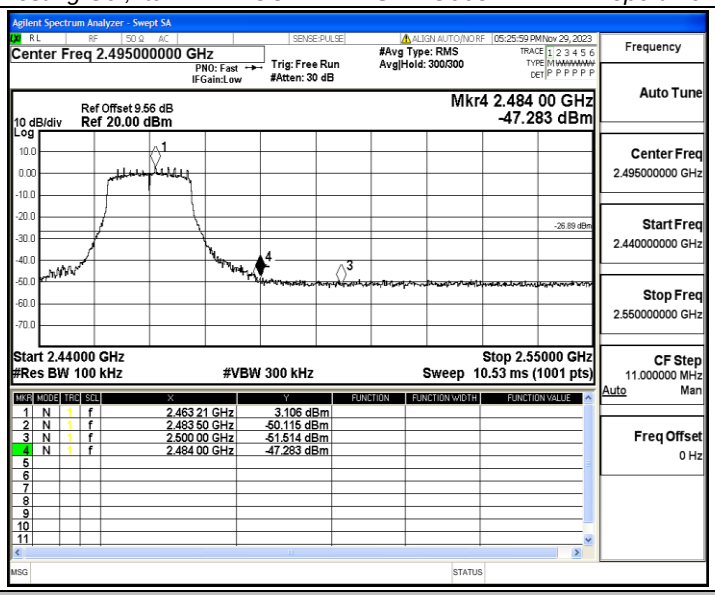
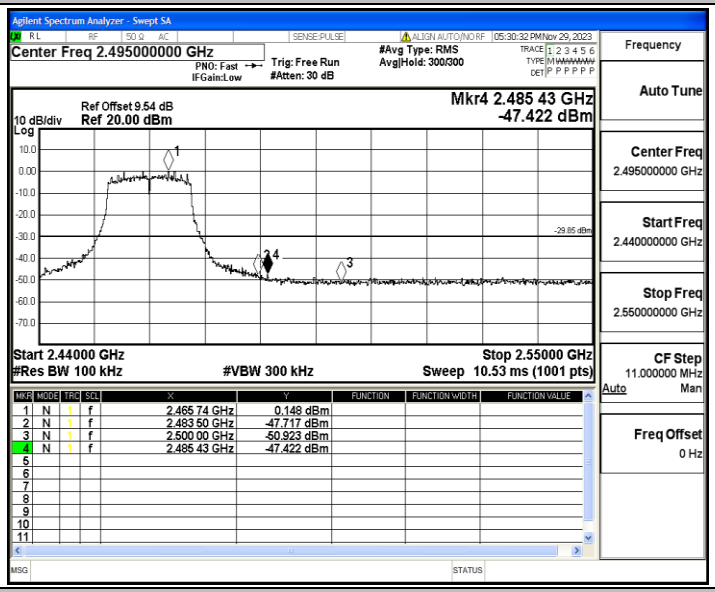
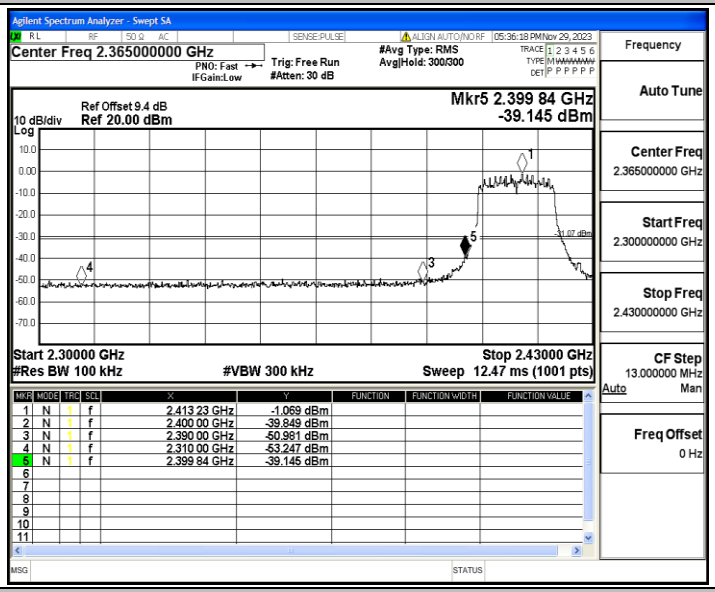


11G_Ant2_High_2462



11N20MIMO_Ant1_Low_2412



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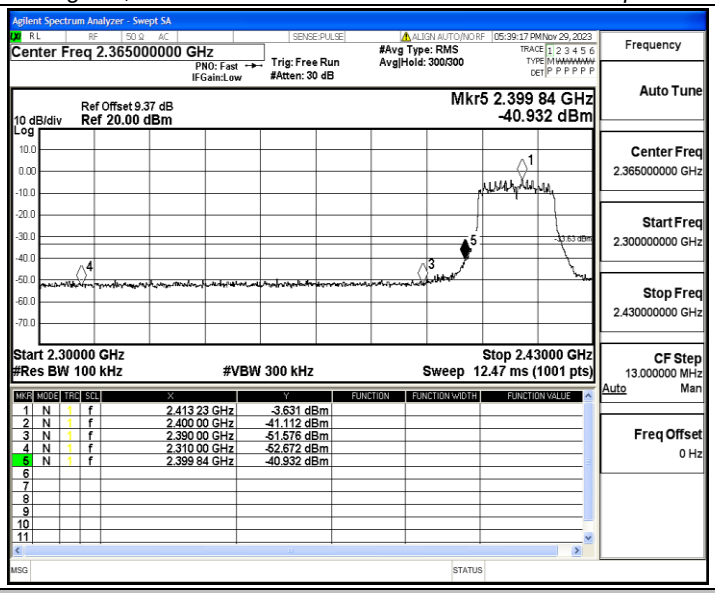

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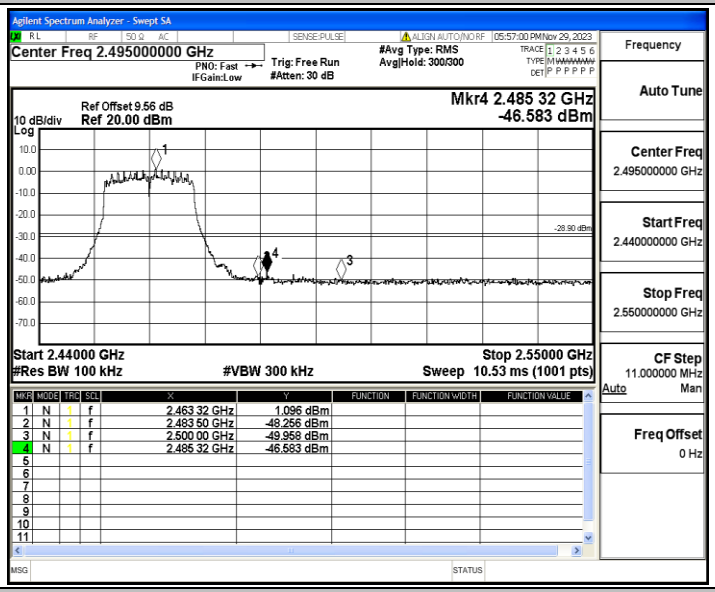
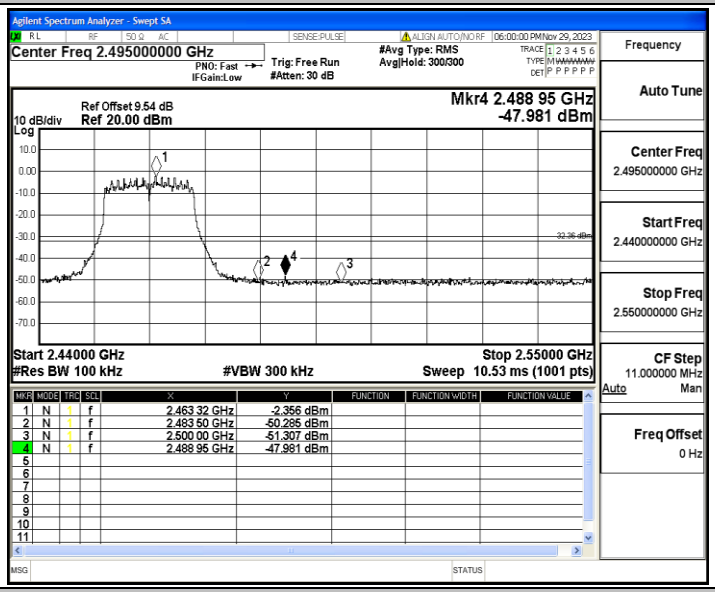
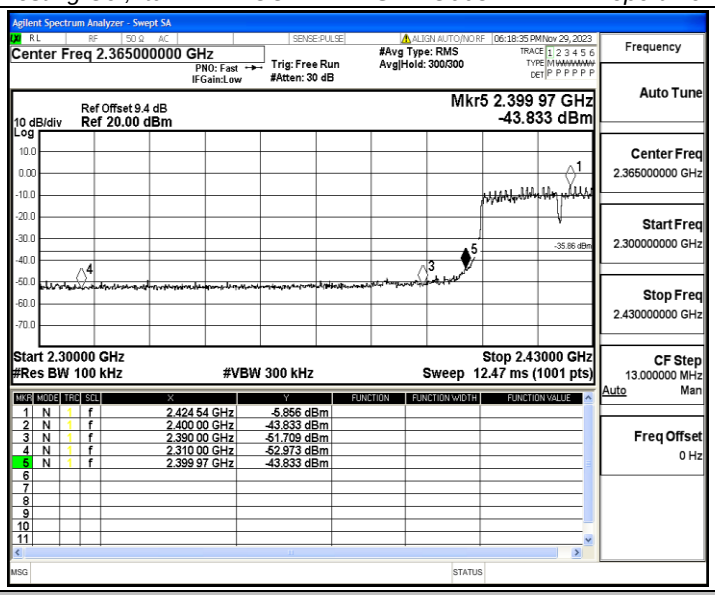


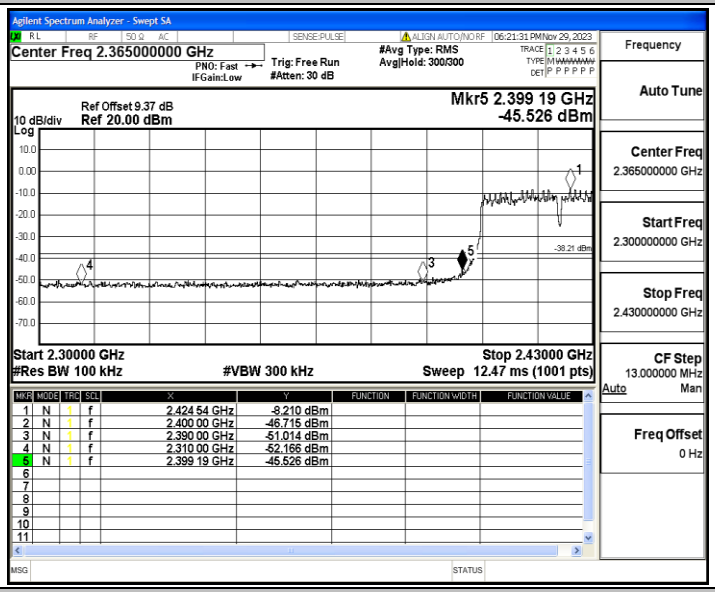
11N20MIMO_Ant2_High_2462



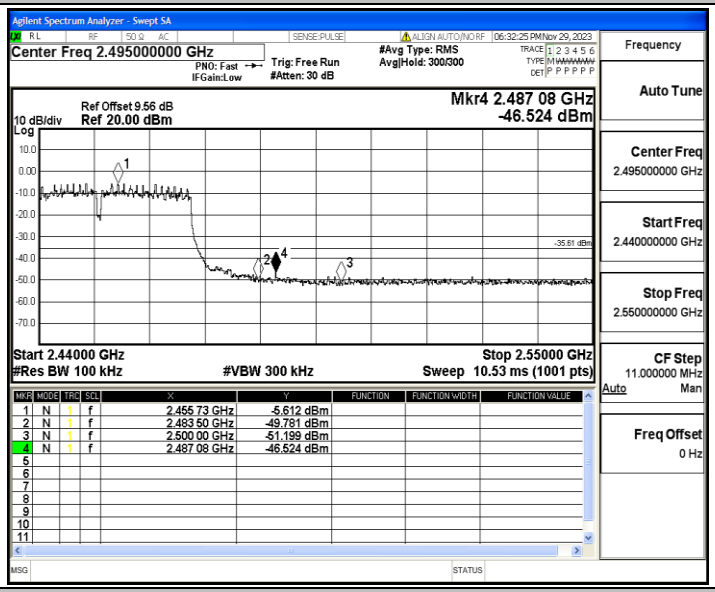
11N40MIMO_Ant1_Low_2422



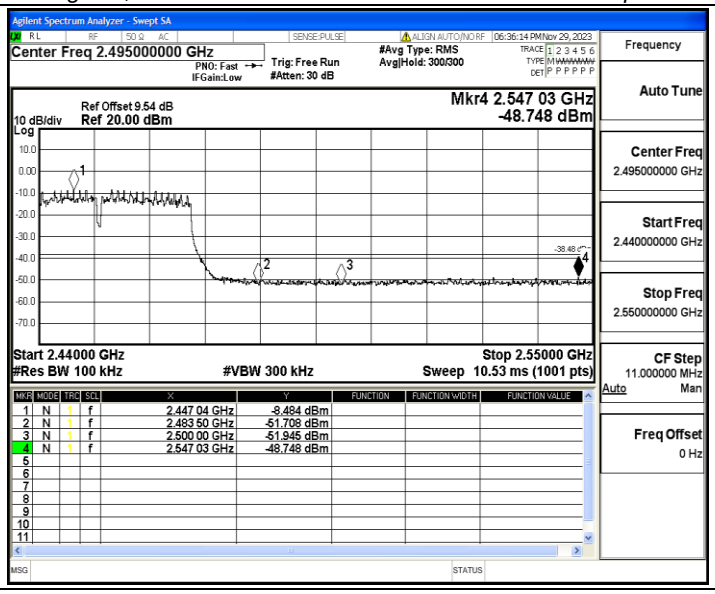
11N40MIMO_Ant2_Low_2422



11N40MIMO_Ant1_High_2452



11N40MIMO_Ant2_High_2452


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.495000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 300/300
06:36:14 PM Nov 29, 2023
Ref Offset 9.54 dB
10 dB/div Ref 20.00 dBm
Log
Mkr4 2.547 03 GHz
-48.748 dBm
Start 2.44000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep 10.53 ms (1001 pts)
1 N 1 f 2.447 04 GHz -8.484 dBm
2 N 1 f 2.483 50 GHz -51.708 dBm
3 N 1 f 2.500 00 GHz -51.945 dBm
4 N 1 f 2.547 03 GHz -48.748 dBm
Frequency
Auto Tune
Center Freq
2.495000000 GHz
Start Freq
2.440000000 GHz
Stop Freq
2.550000000 GHz
CF Step
11.000000 MHz
Auto Man
Freq Offset
0 Hz

Appendix F: Conducted Spurious Emission

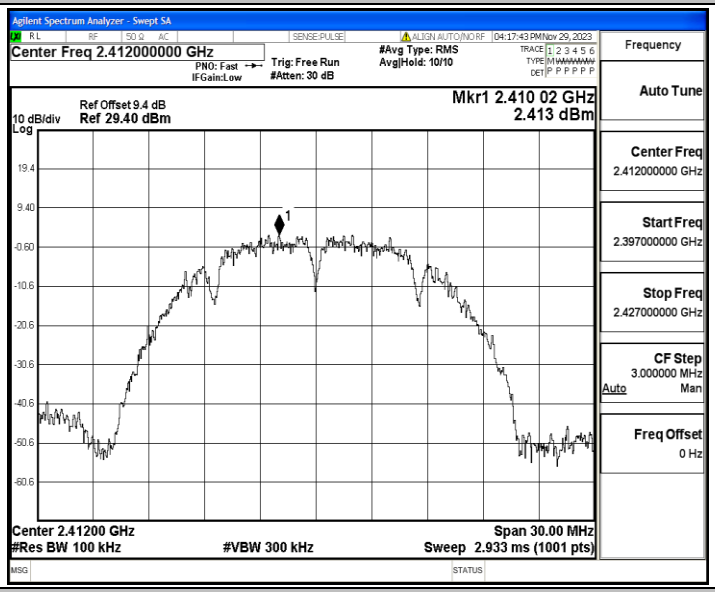
Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.41	2.41	---	PASS
			30~1000	2.41	-62.03	≤-27.59	PASS
			1000~26500	2.41	-49.68	≤-27.59	PASS
	Ant2	2412	Reference	0.21	0.21	---	PASS
			30~1000	0.21	-61.86	≤-29.79	PASS
			1000~26500	0.21	-49.37	≤-29.79	PASS
	Ant1	2437	Reference	4.14	4.14	---	PASS
			30~1000	4.14	-62.01	≤-25.86	PASS
			1000~26500	4.14	-49.18	≤-25.86	PASS
	Ant2	2437	Reference	-0.65	-0.65	---	PASS
			30~1000	-0.65	-62.27	≤-30.65	PASS
			1000~26500	-0.65	-50.17	≤-30.65	PASS
	Ant1	2462	Reference	4.13	4.13	---	PASS
			30~1000	4.13	-61.91	≤-25.87	PASS
			1000~26500	4.13	-49.96	≤-25.87	PASS
	Ant2	2462	Reference	-0.33	-0.33	---	PASS
			30~1000	-0.33	-61.82	≤-30.33	PASS
			1000~26500	-0.33	-49.14	≤-30.33	PASS
11G	Ant1	2412	Reference	2.99	2.99	---	PASS
			30~1000	2.99	-62.28	≤-27.01	PASS
			1000~26500	2.99	-48.9	≤-27.01	PASS
	Ant2	2412	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-61.87	≤-29.69	PASS
			1000~26500	0.31	-49.87	≤-29.69	PASS
	Ant1	2437	Reference	1.44	1.44	---	PASS
			30~1000	1.44	-62.1	≤-28.56	PASS
			1000~26500	1.44	-49.95	≤-28.56	PASS
	Ant2	2437	Reference	-1.99	-1.99	---	PASS
			30~1000	-1.99	-62.38	≤-31.99	PASS
			1000~26500	-1.99	-49.48	≤-31.99	PASS
	Ant1	2462	Reference	0.03	0.03	---	PASS
			30~1000	0.03	-61.95	≤-29.97	PASS
			1000~26500	0.03	-50.02	≤-29.97	PASS
	Ant2	2462	Reference	-2.69	-2.69	---	PASS
			30~1000	-2.69	-62.12	≤-32.69	PASS
			1000~26500	-2.69	-49.31	≤-32.69	PASS
11N20MIMO	Ant1	2412	Reference	-2.57	-2.57	---	PASS
			30~1000	-2.57	-62.34	≤-32.57	PASS
			1000~26500	-2.57	-49.64	≤-32.57	PASS
	Ant2	2412	Reference	-4.01	-4.01	---	PASS
			30~1000	-4.01	-62.21	≤-34.01	PASS

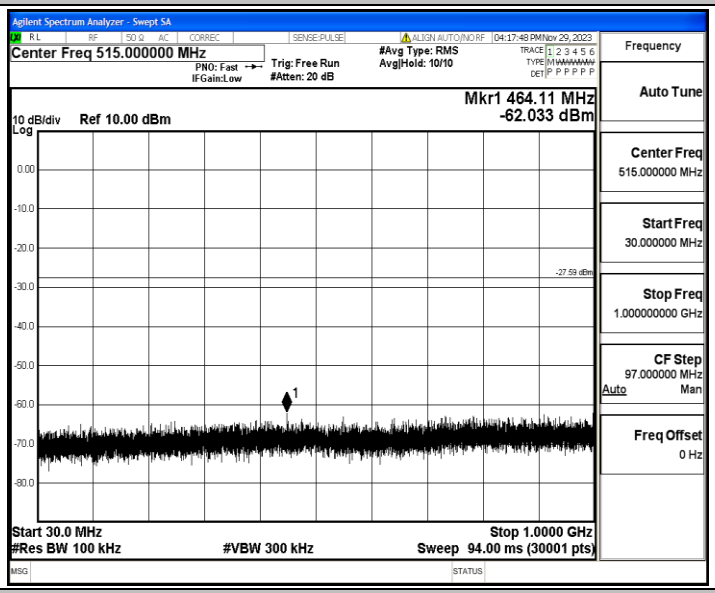
			1000~26500	-4.01	-49.38	≤-34.01	PASS
	Ant1	2437	Reference	0.24	0.24	---	PASS
			30~1000	0.24	-62.21	≤-29.76	PASS
			1000~26500	0.24	-49.44	≤-29.76	PASS
	Ant2	2437	Reference	-3.41	-3.41	---	PASS
			30~1000	-3.41	-62.02	≤-33.41	PASS
			1000~26500	-3.41	-50.05	≤-33.41	PASS
	Ant1	2462	Reference	-1.68	-1.68	---	PASS
			30~1000	-1.68	-61.45	≤-31.68	PASS
			1000~26500	-1.68	-50.29	≤-31.68	PASS
	Ant2	2462	Reference	-2.86	-2.86	---	PASS
			30~1000	-2.86	-61.86	≤-32.86	PASS
			1000~26500	-2.86	-49.28	≤-32.86	PASS
11N40MIMO	Ant1	2422	Reference	-6.07	-6.07	---	PASS
			30~1000	-6.07	-62.84	≤-36.07	PASS
			1000~26500	-6.07	-49.5	≤-36.07	PASS
	Ant2	2422	Reference	-8.63	-8.63	---	PASS
			30~1000	-8.63	-61.86	≤-38.63	PASS
			1000~26500	-8.63	-49.05	≤-38.63	PASS
	Ant1	2437	Reference	-5.76	-5.76	---	PASS
			30~1000	-5.76	-62.19	≤-35.76	PASS
			1000~26500	-5.76	-49.63	≤-35.76	PASS
	Ant2	2437	Reference	-8.21	-8.21	---	PASS
			30~1000	-8.21	-62.38	≤-38.21	PASS
			1000~26500	-8.21	-50.32	≤-38.21	PASS
	Ant1	2452	Reference	-6.02	-6.02	---	PASS
			30~1000	-6.02	-62.02	≤-36.02	PASS
			1000~26500	-6.02	-49.79	≤-36.02	PASS
	Ant2	2452	Reference	-8.62	-8.62	---	PASS
			30~1000	-8.62	-62.27	≤-38.62	PASS
			1000~26500	-8.62	-49.05	≤-38.62	PASS

Test Graphs

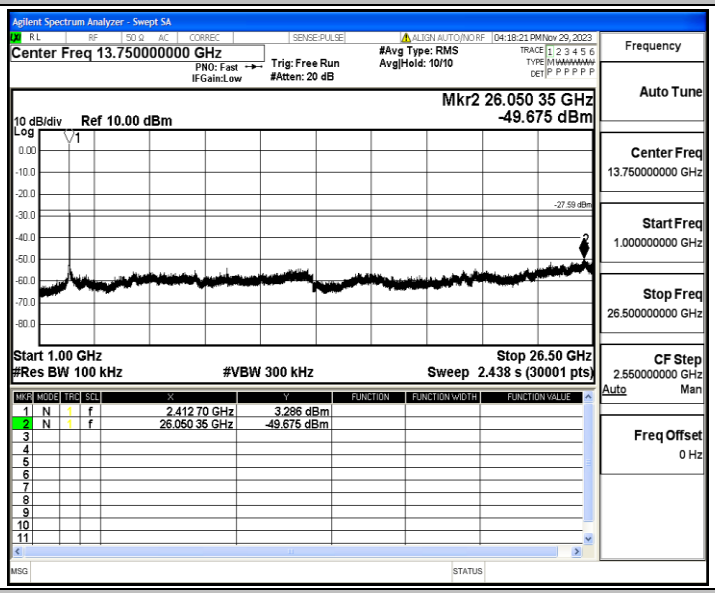
11B_Ant1_2412_0~Reference



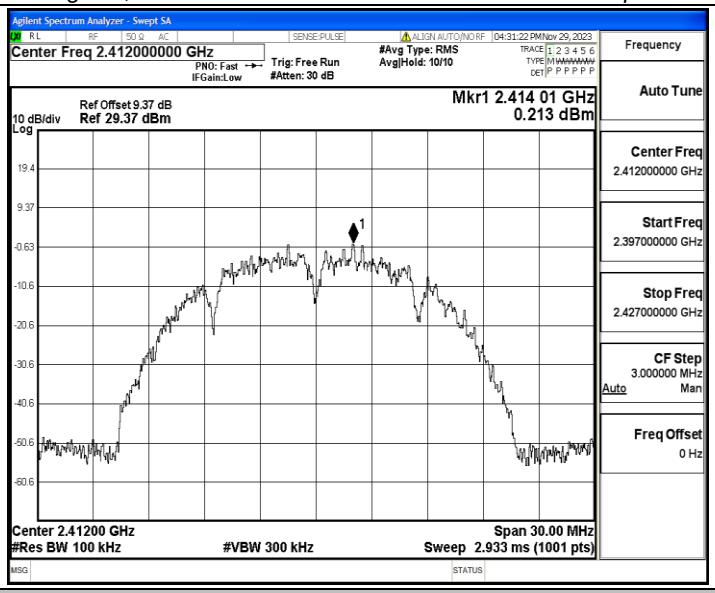
11B_Ant1_2412_30~1000



11B_Ant1_2412_1000~26500



11B_Ant2_2412_0~Reference



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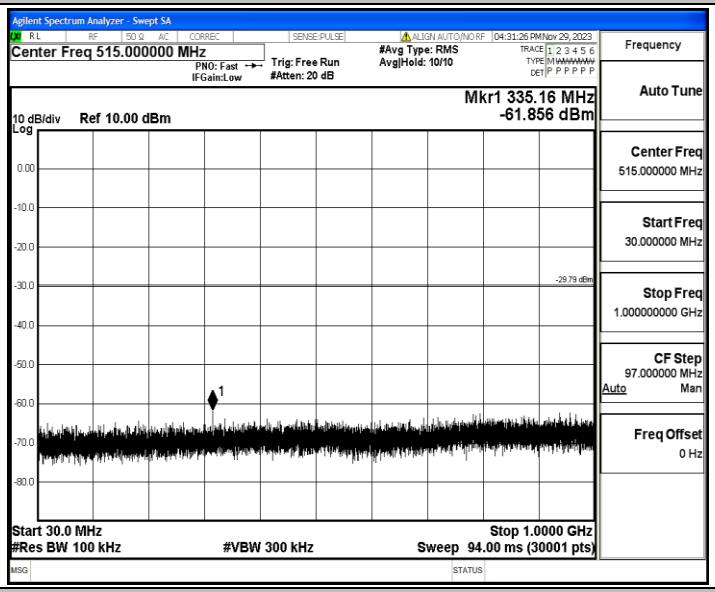
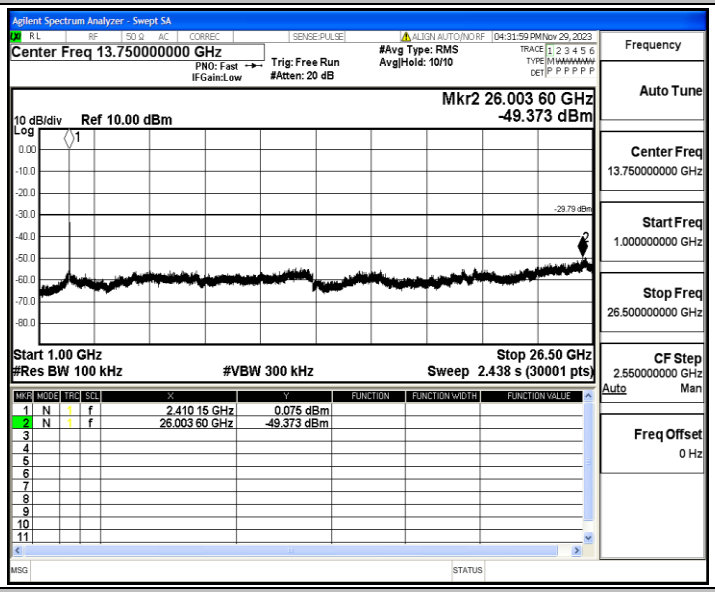


11B_Ant2_2412_1000~26500



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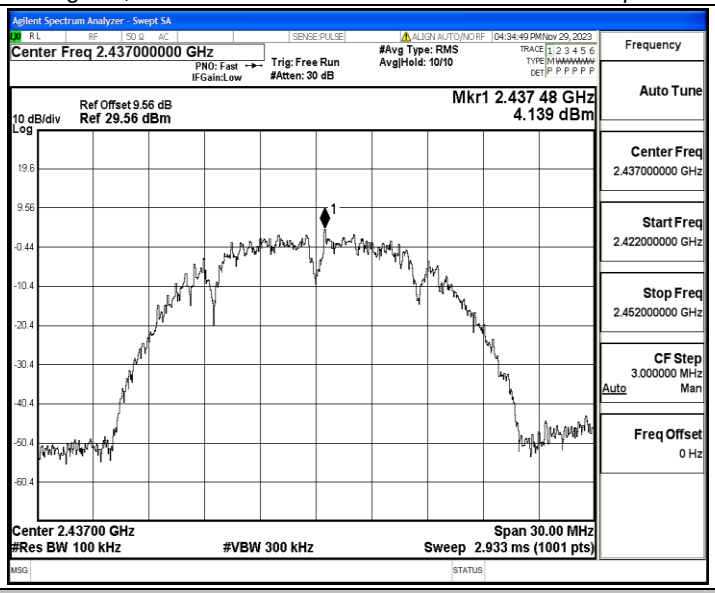

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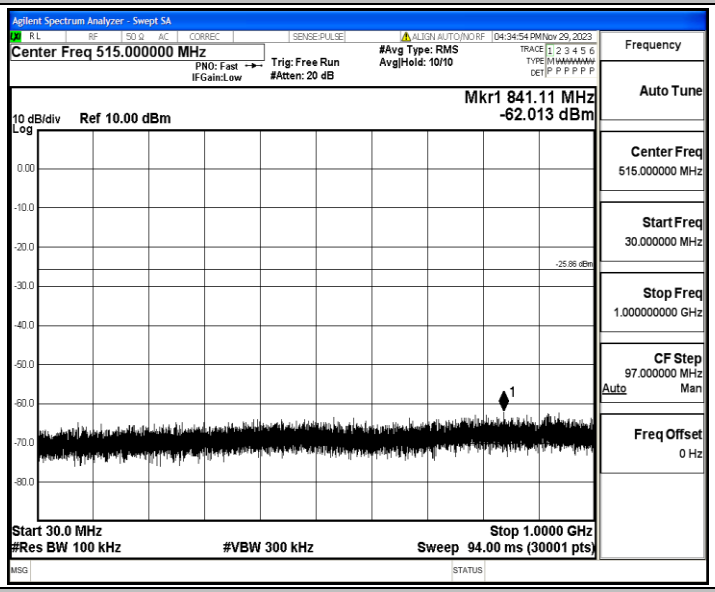
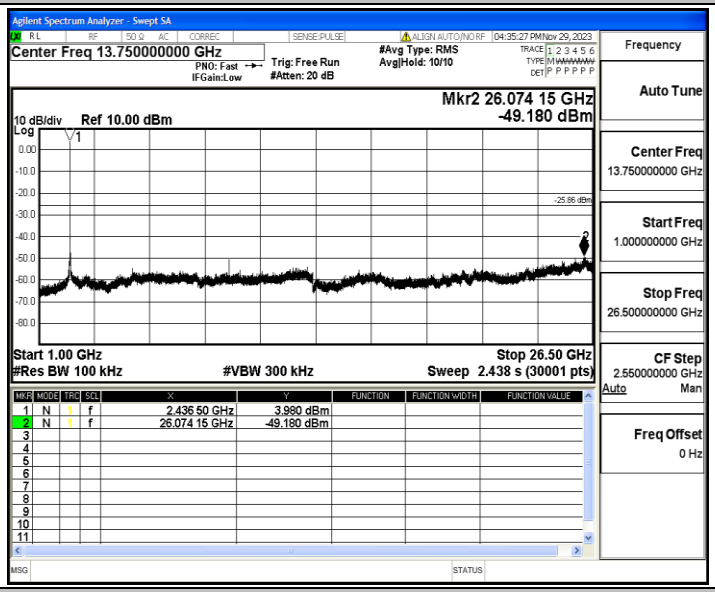
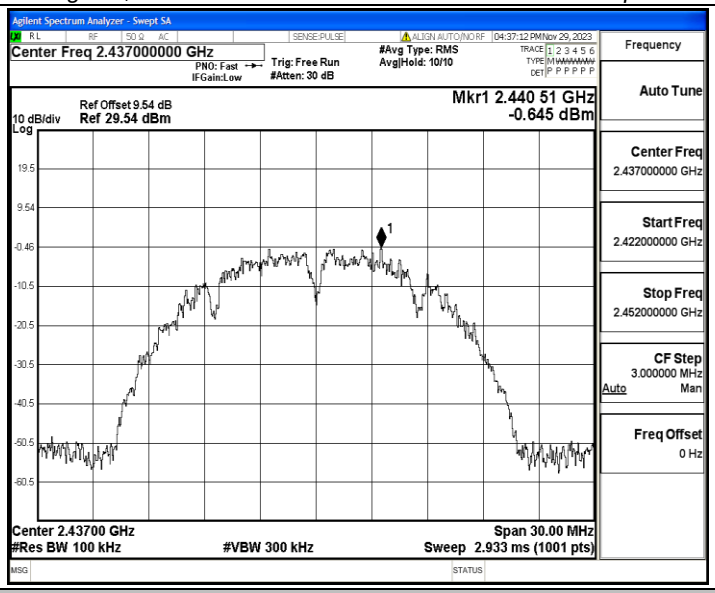


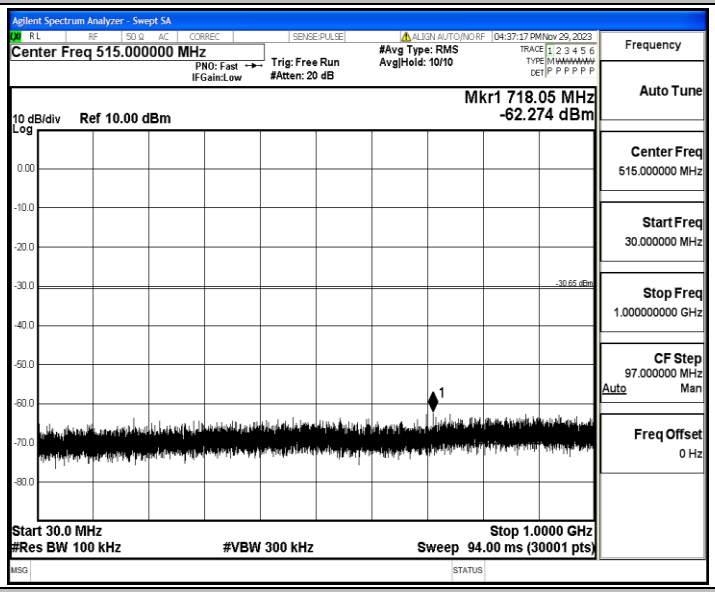
11B_Ant1_2437_1000~26500



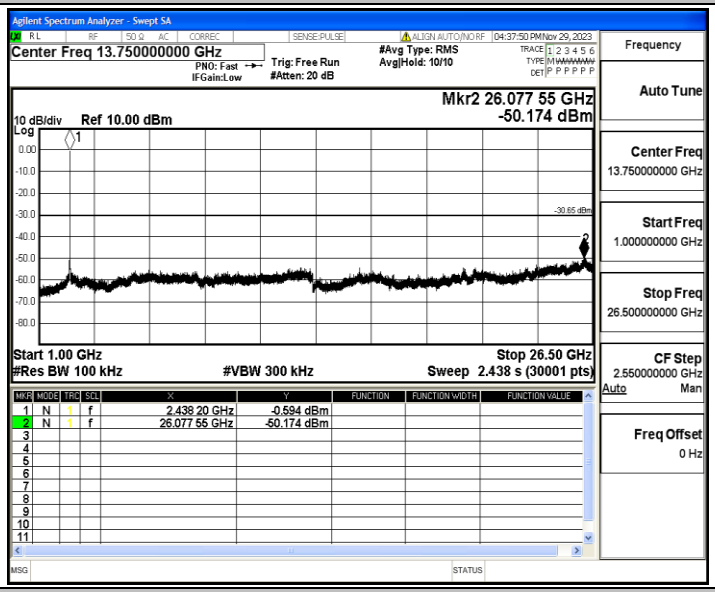
11B_Ant2_2437_0~Reference



11B_Ant2_2437_30~1000



11B_Ant2_2437_1000~26500



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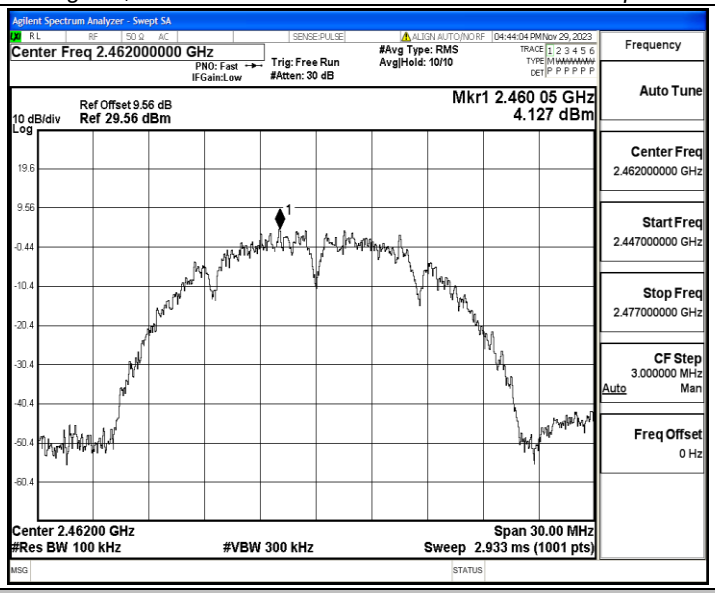
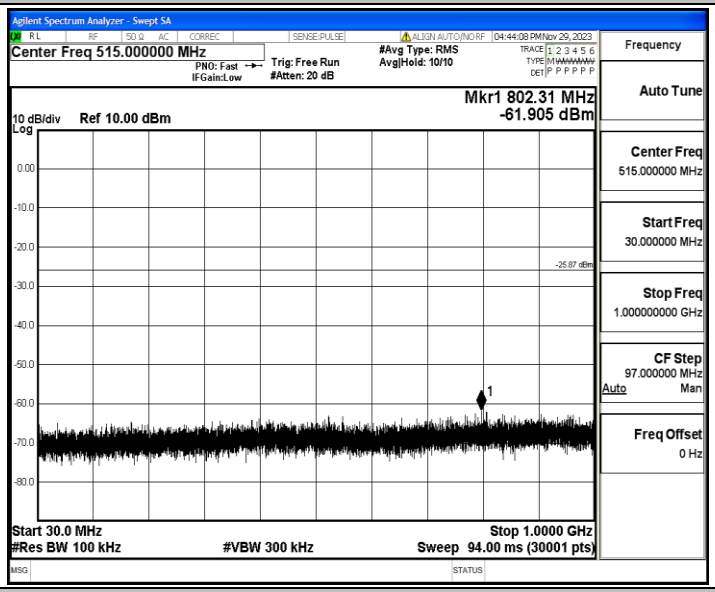
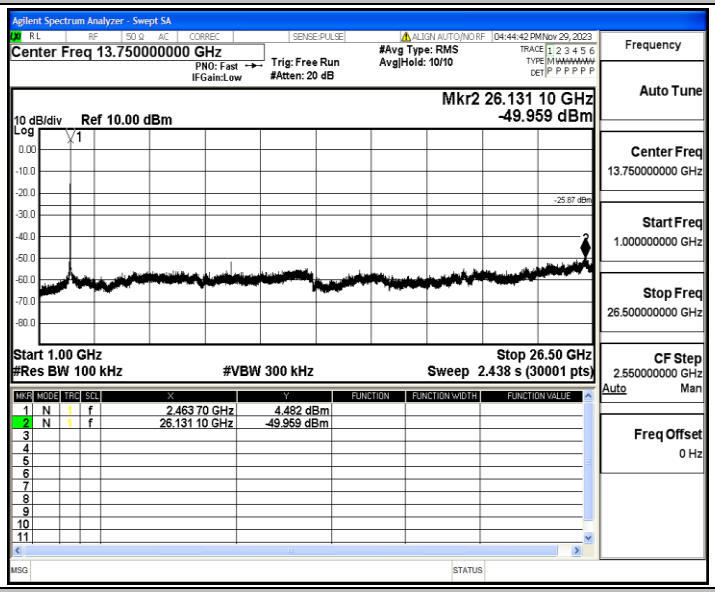


11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500



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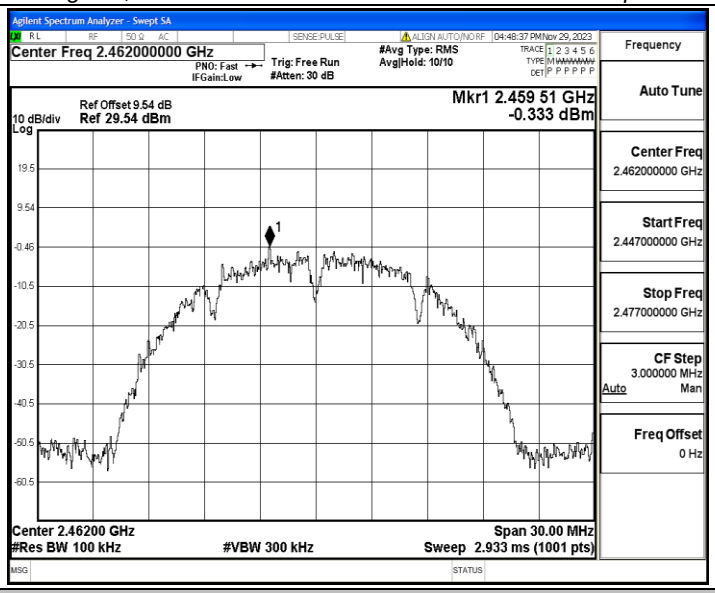
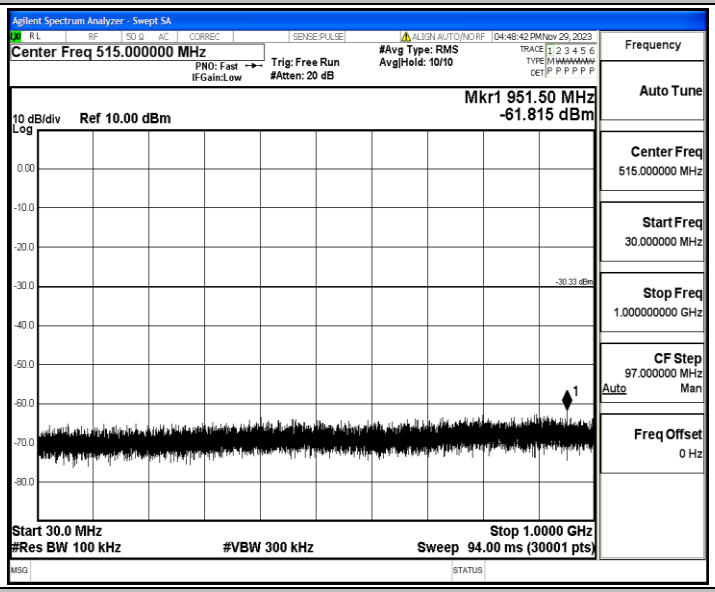
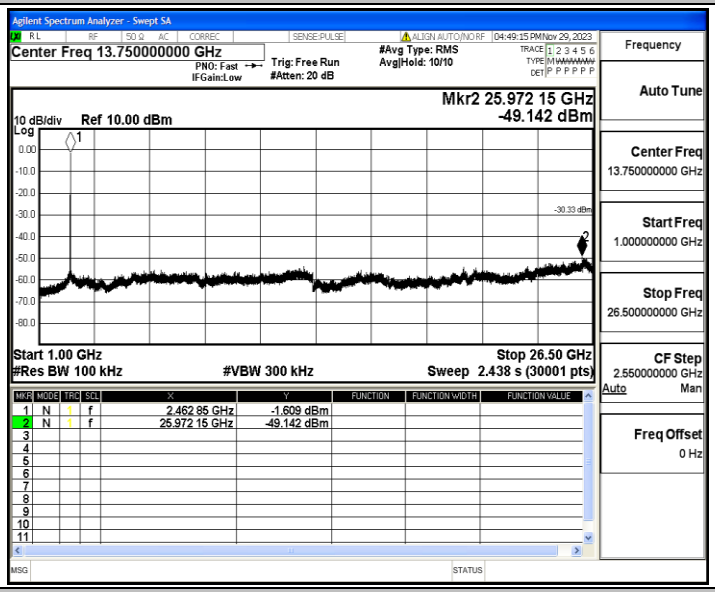


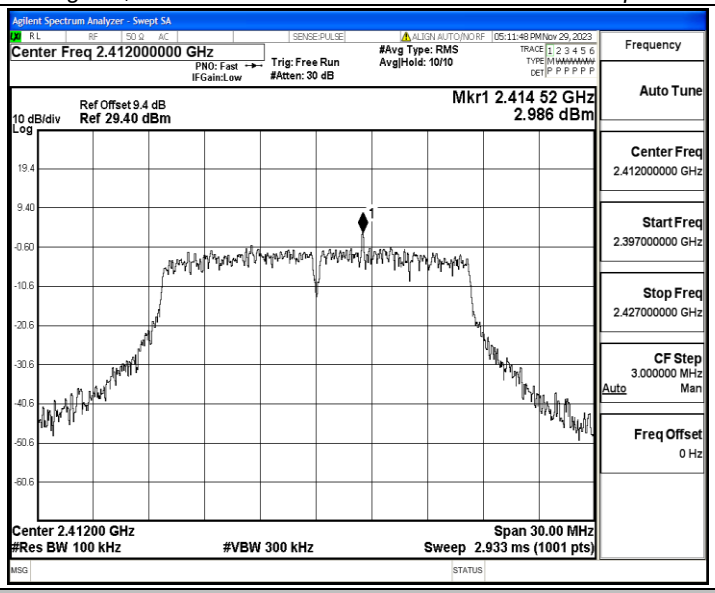
11B_Ant2_2462_30~1000



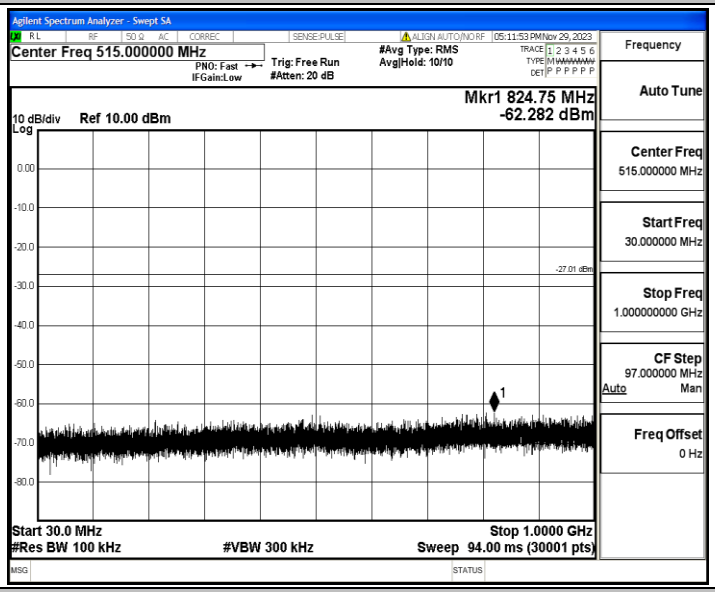
11B_Ant2_2462_1000~26500



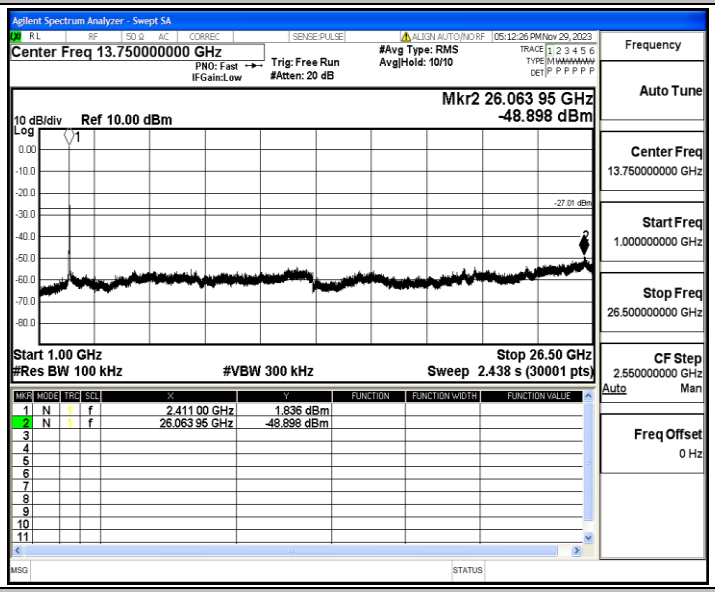
11G_Ant1_2412_0~Reference



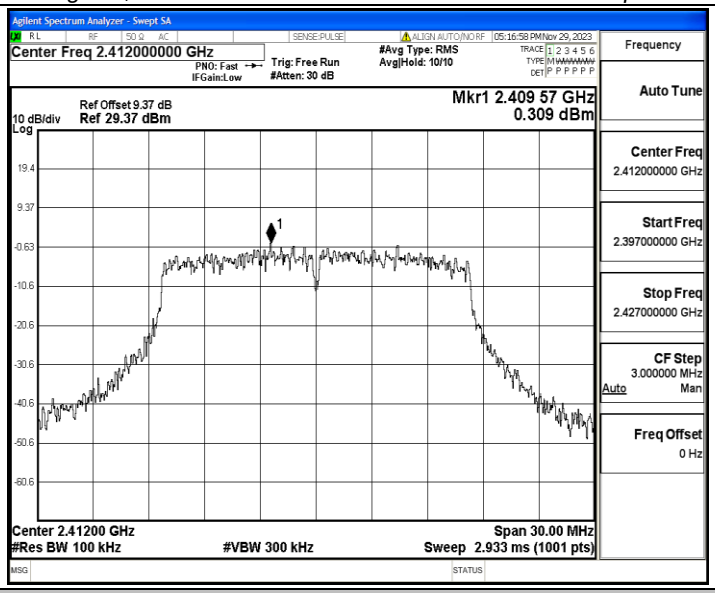
11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant2_2412_0~Reference



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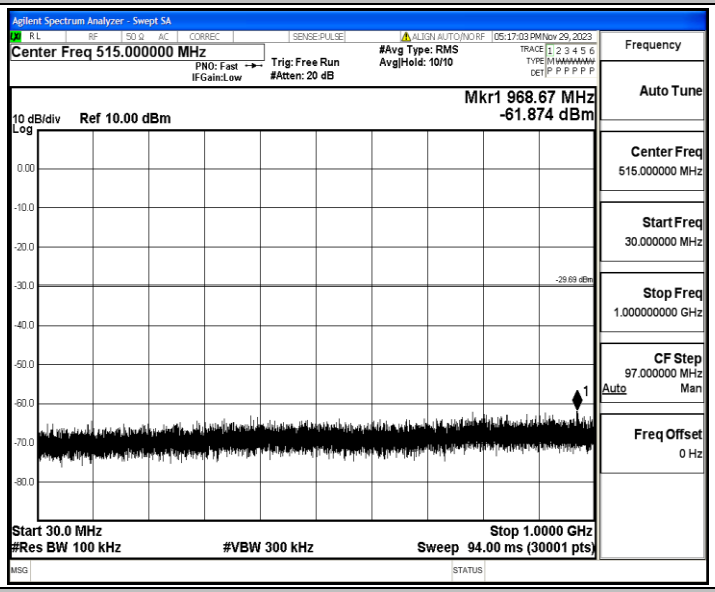

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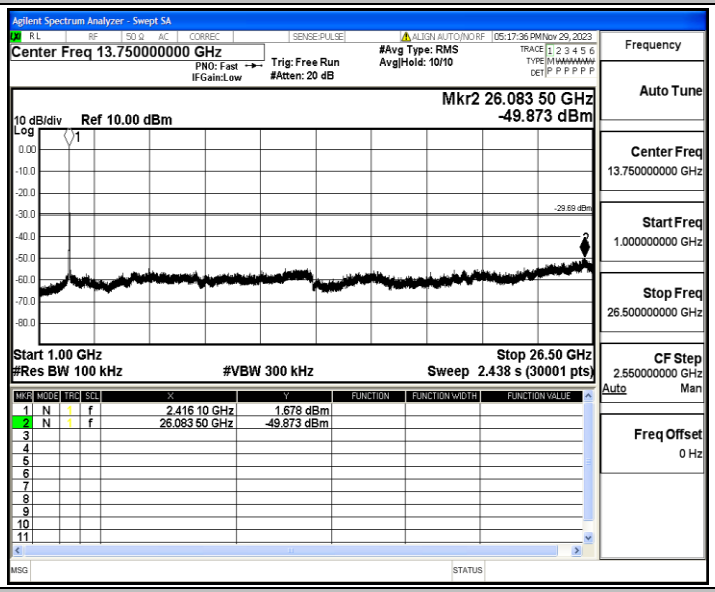
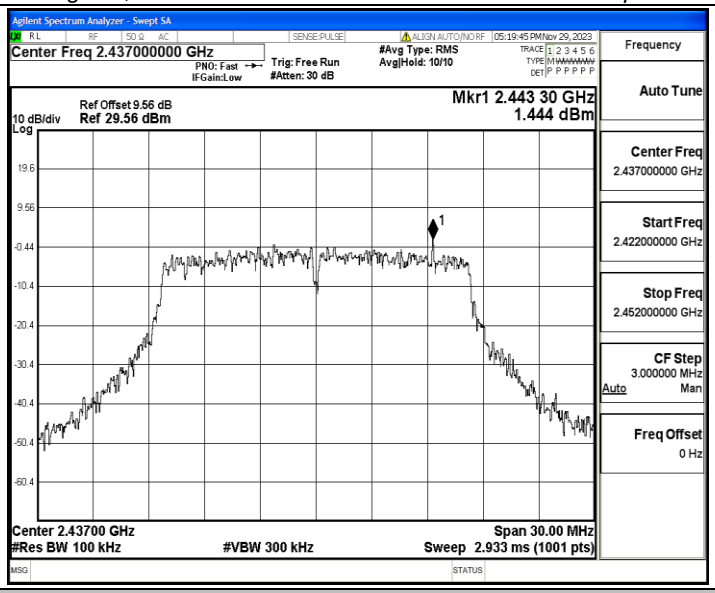


11G_Ant1_2437_0~Reference



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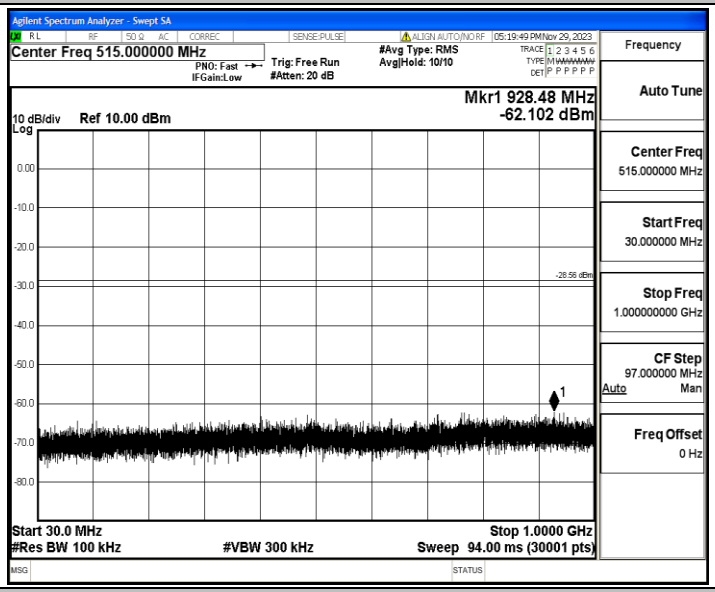

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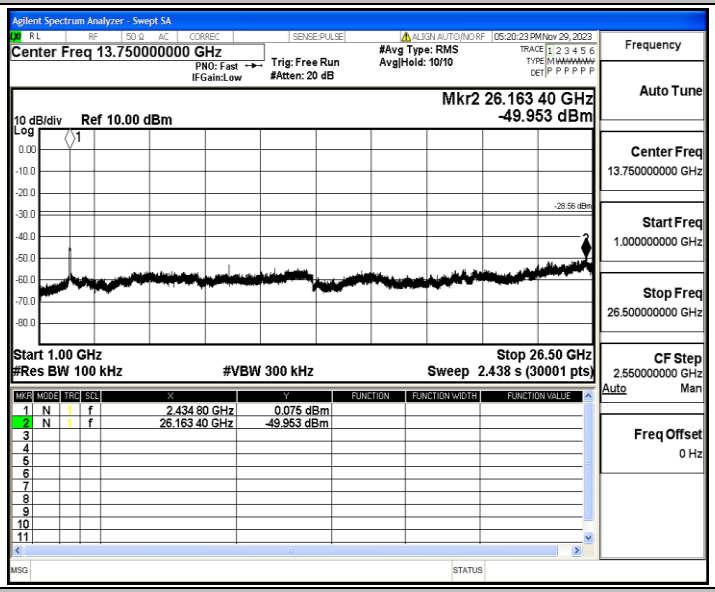

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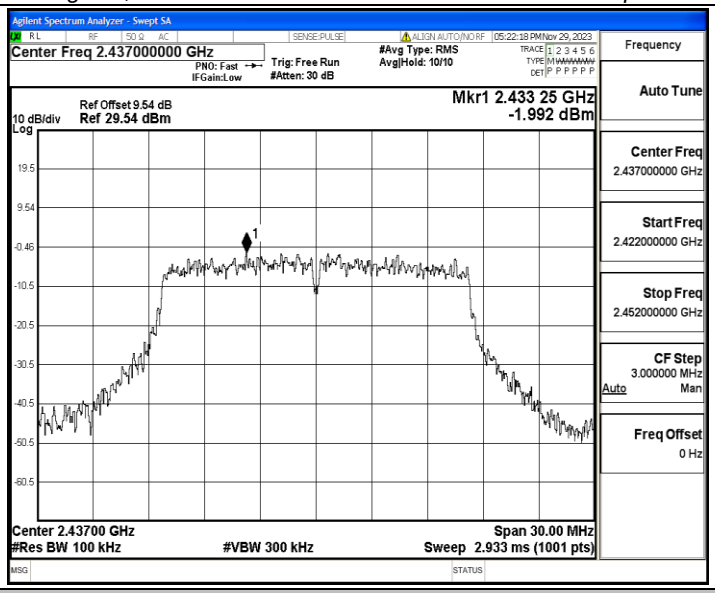

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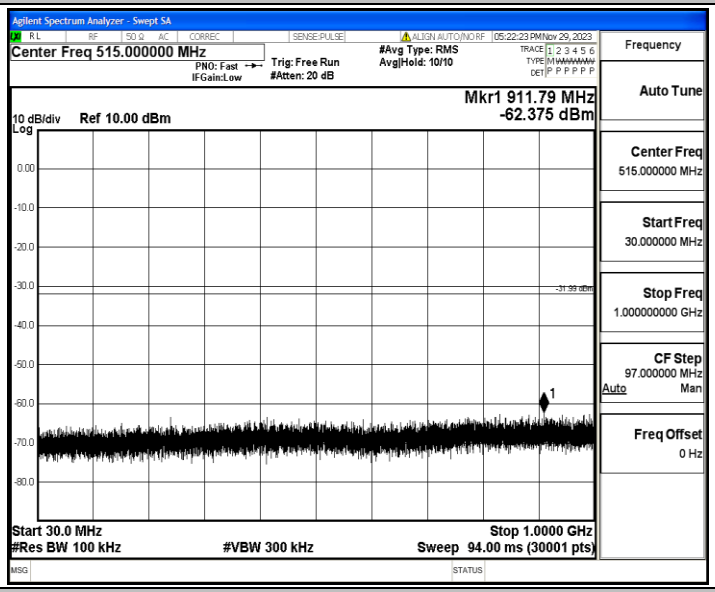

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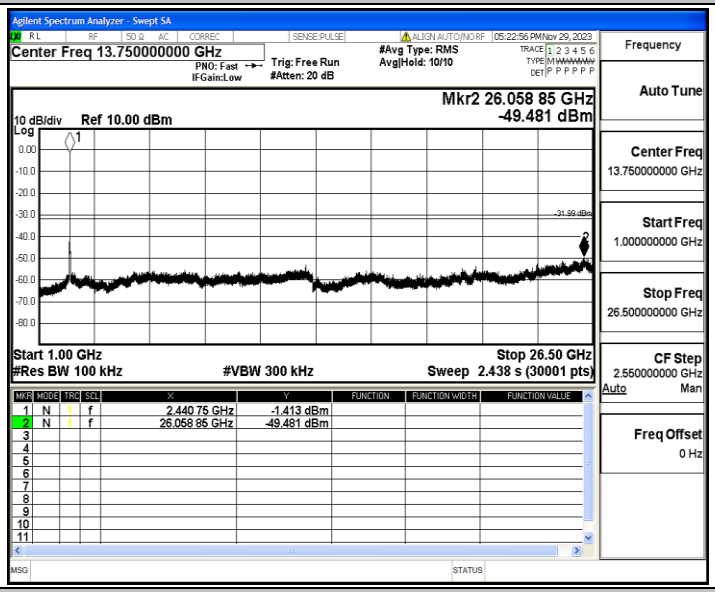

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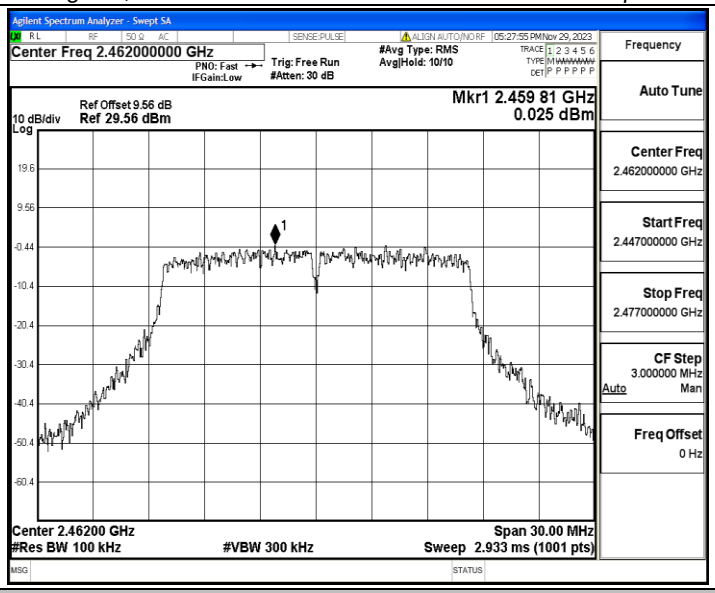

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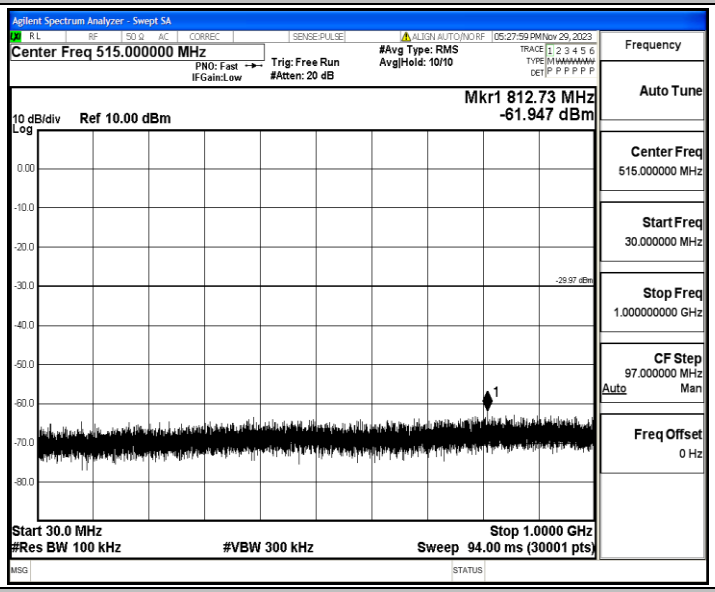

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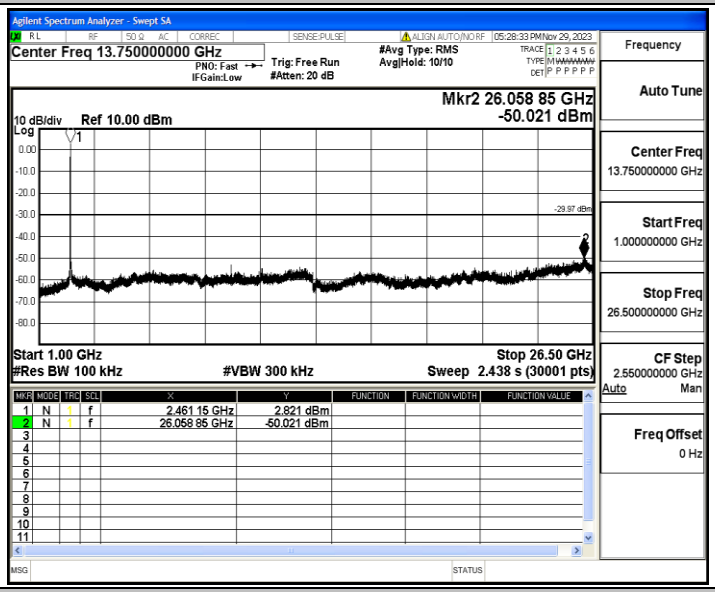

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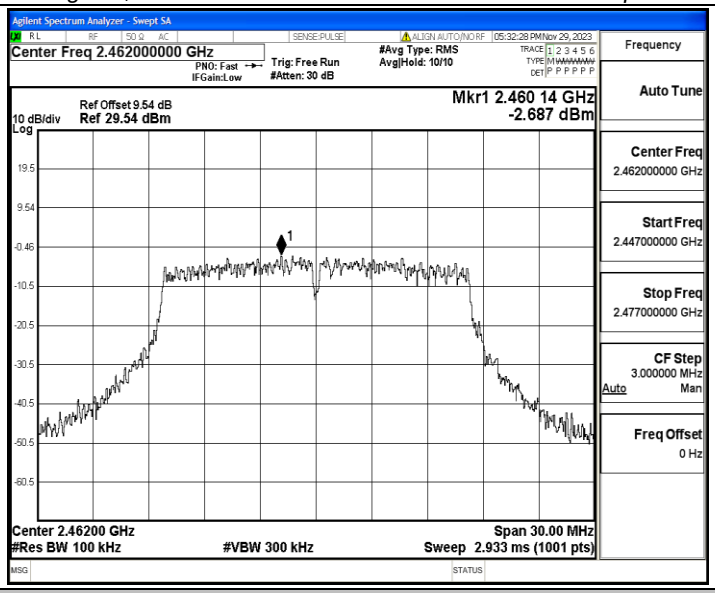

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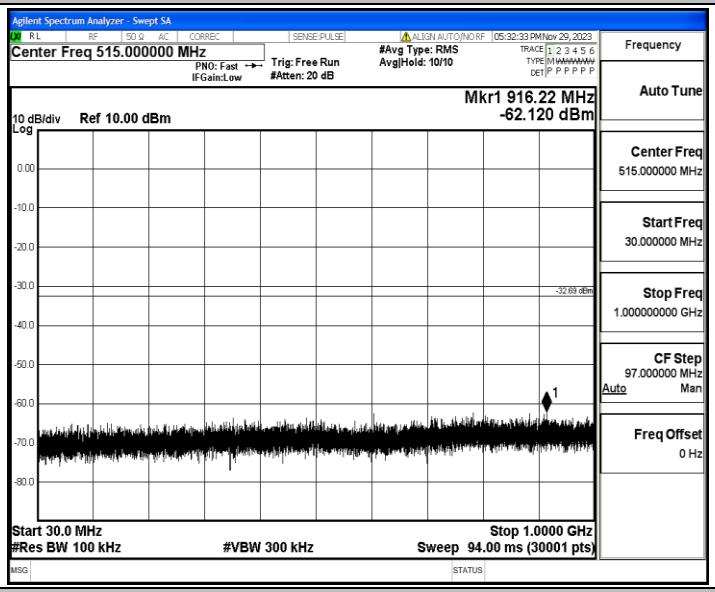

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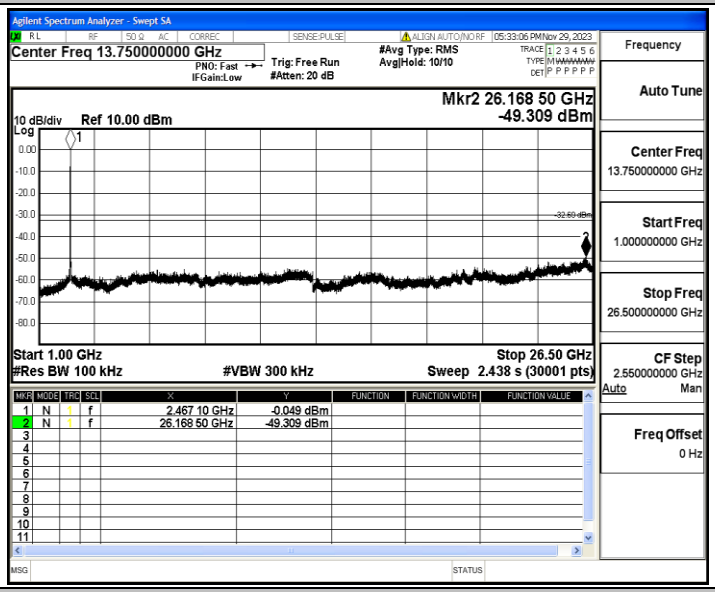

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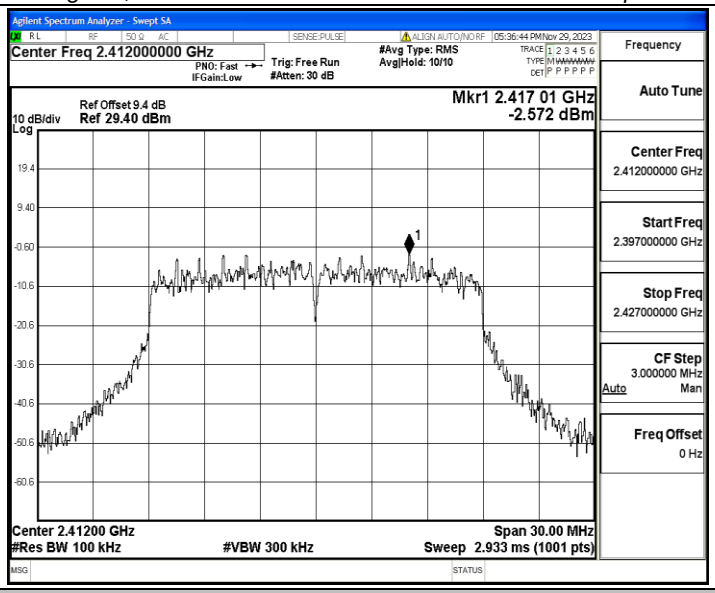

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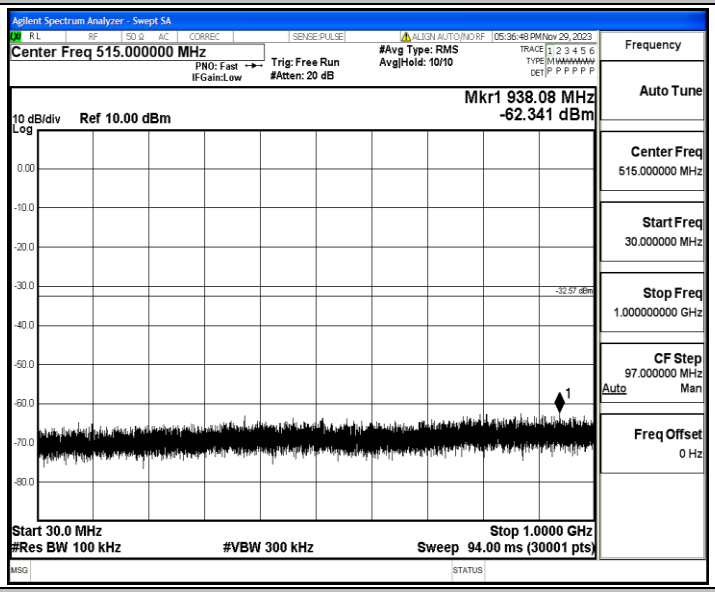

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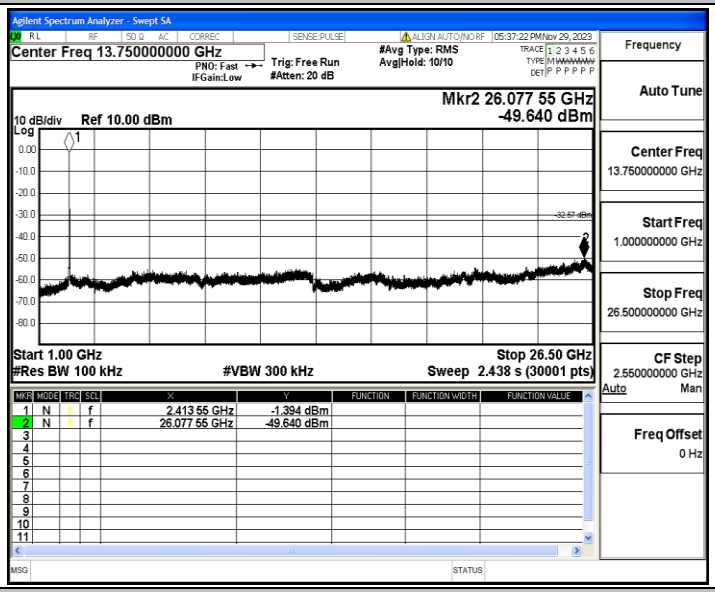

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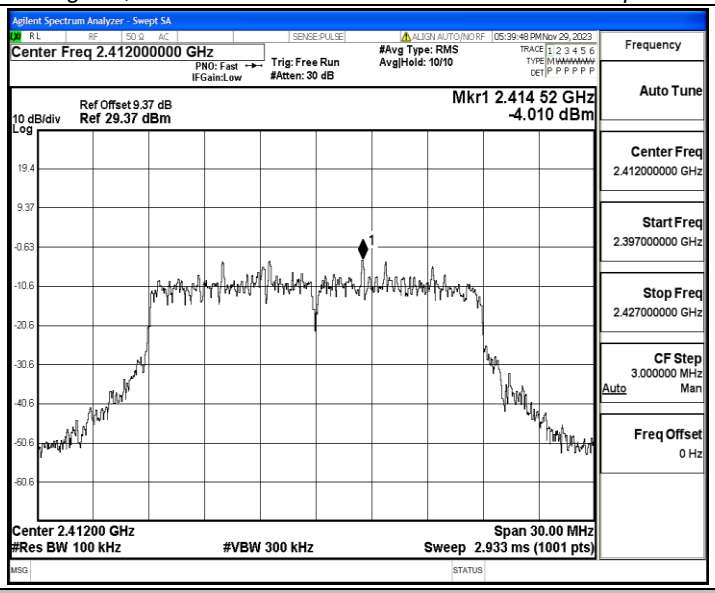

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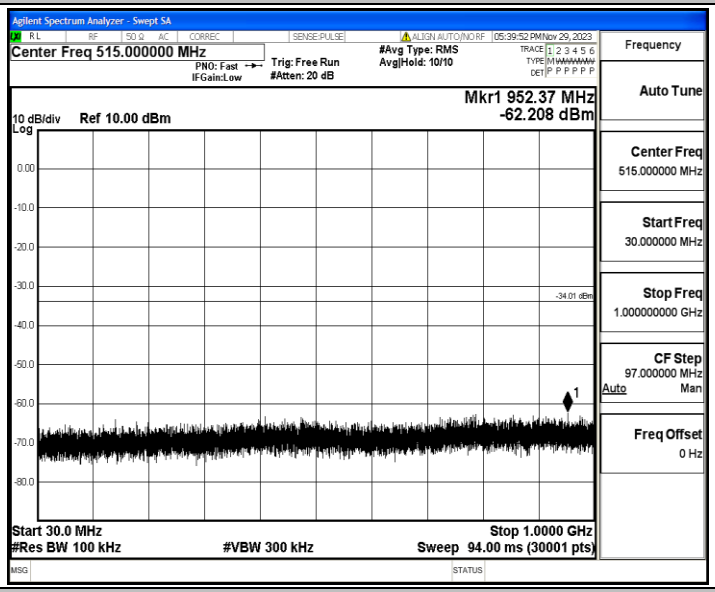

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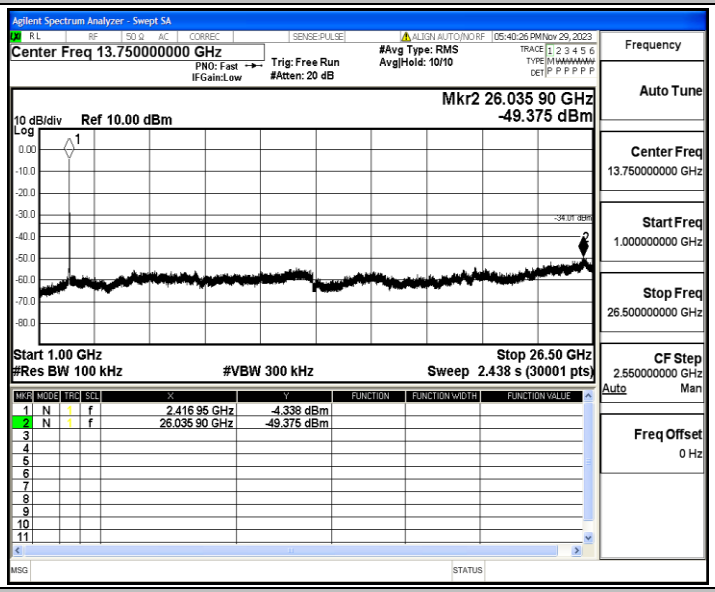

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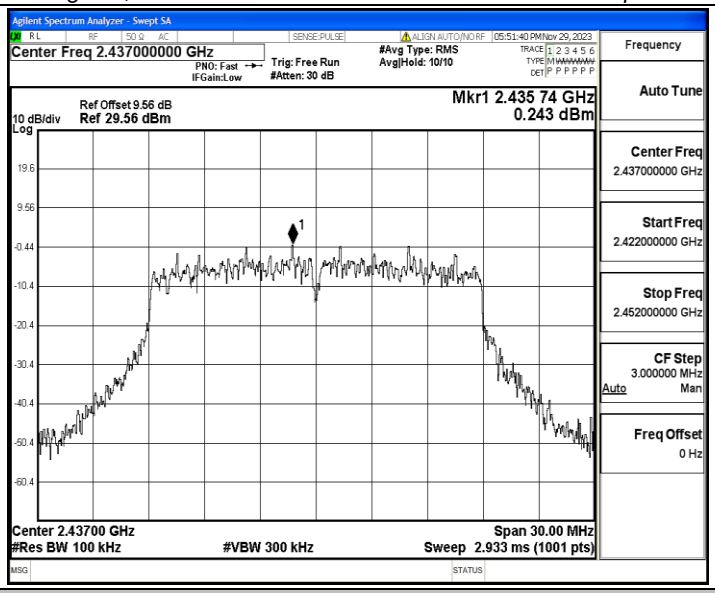

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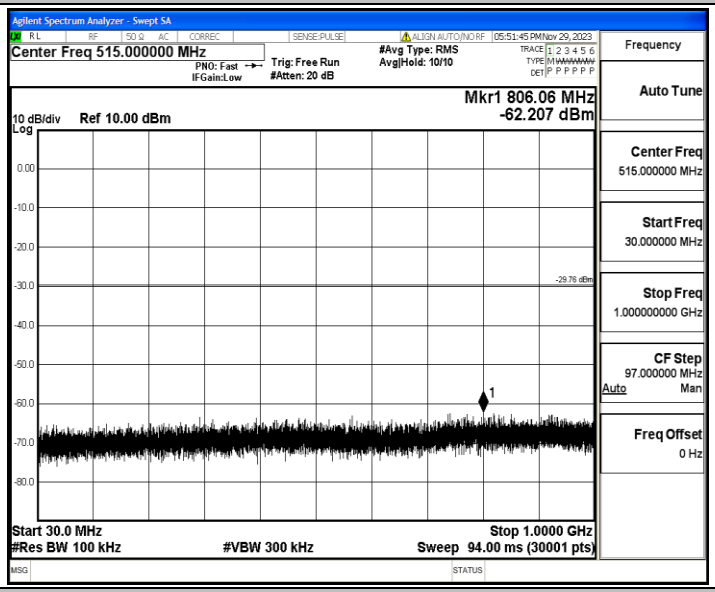

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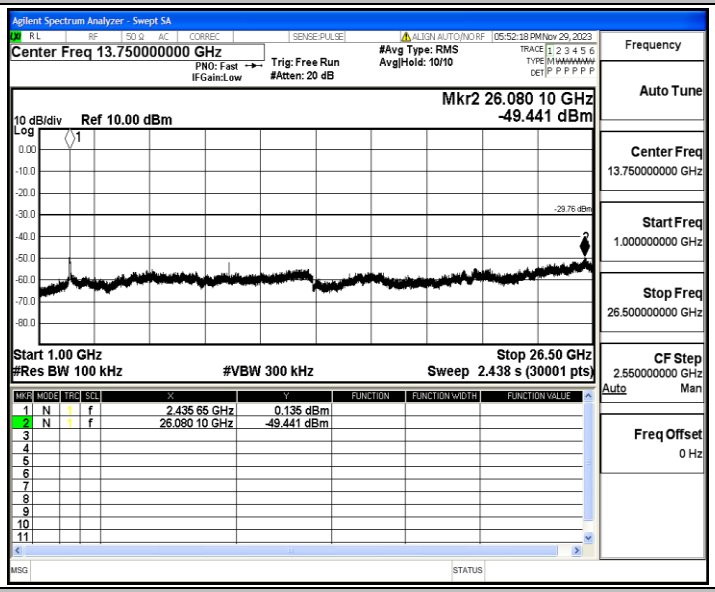

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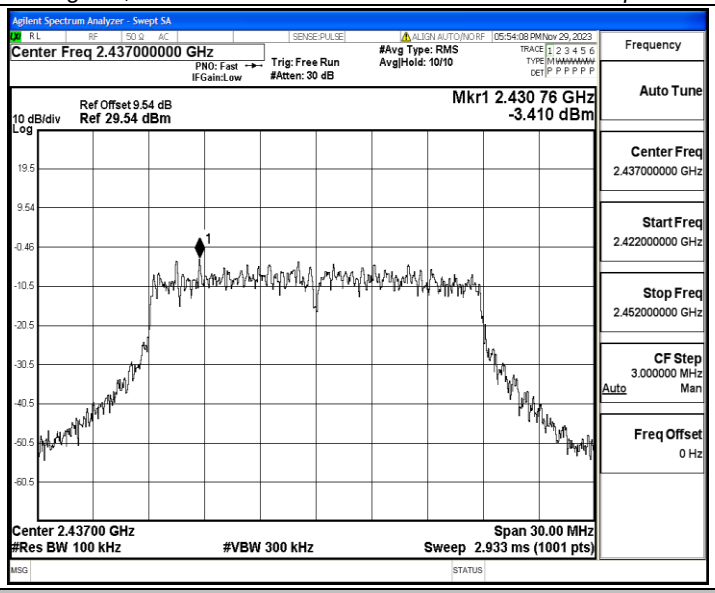

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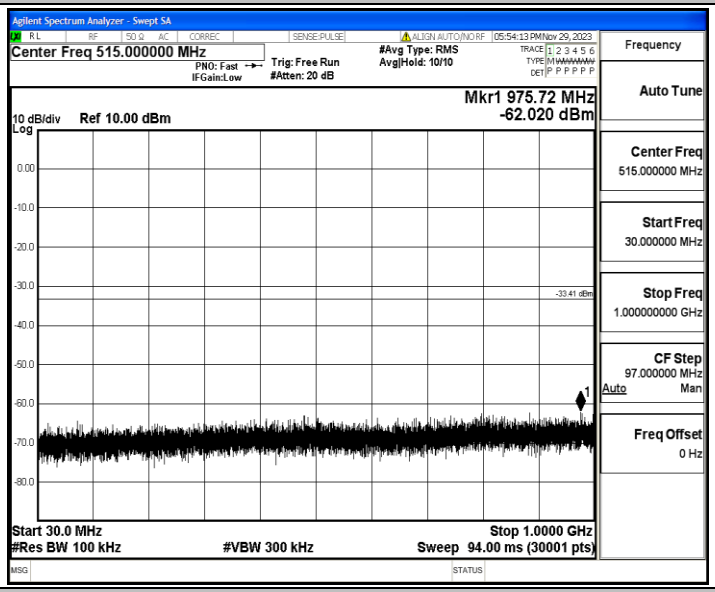

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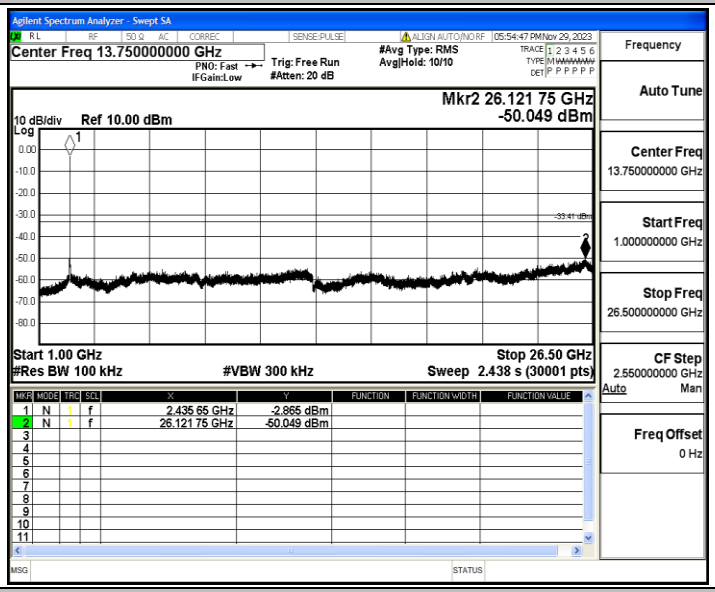

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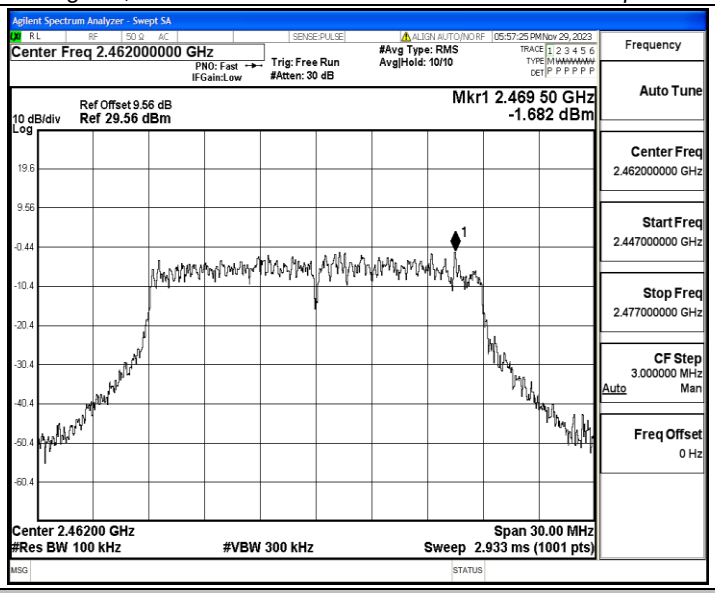

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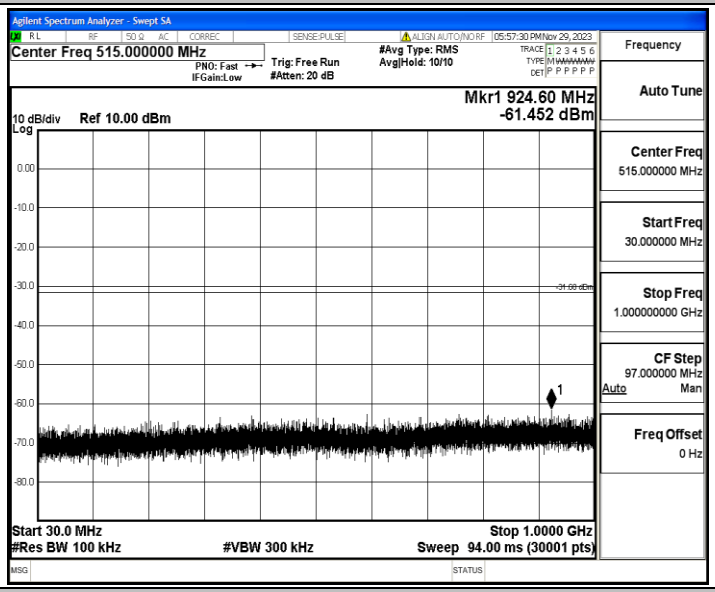

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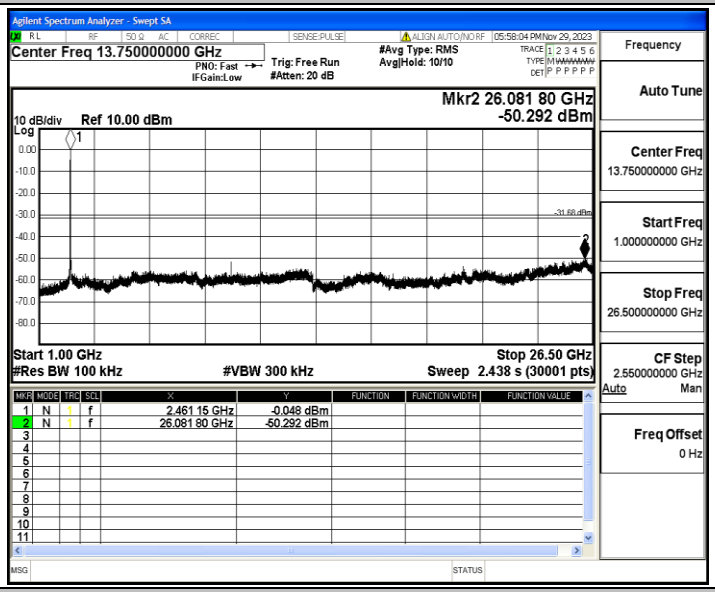

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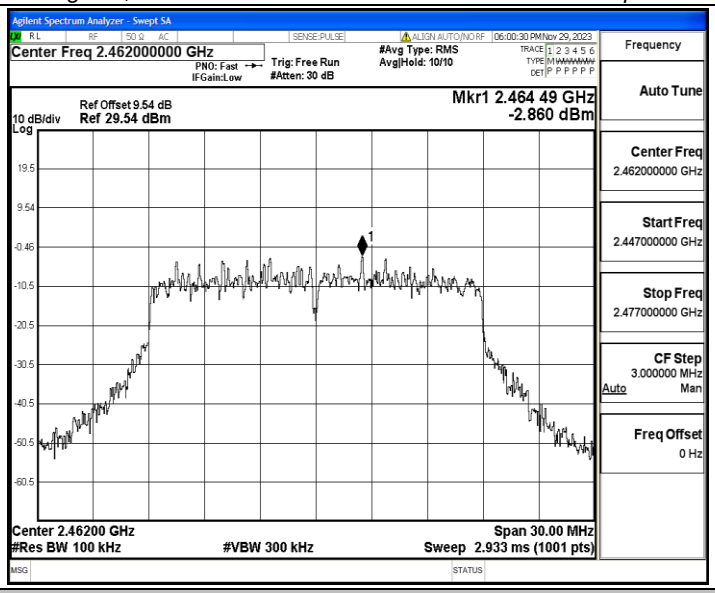

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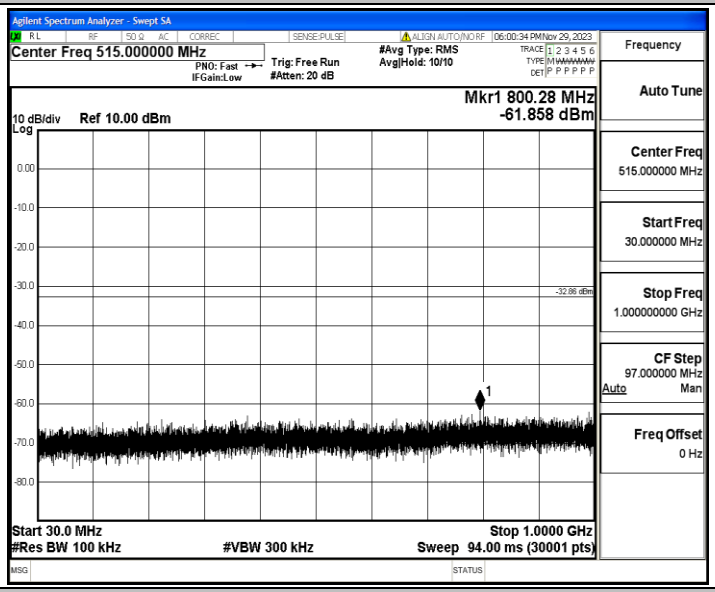

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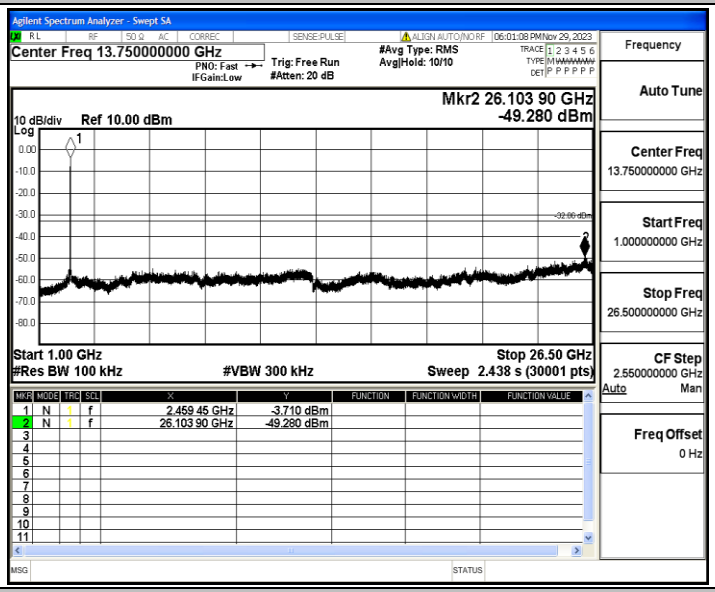

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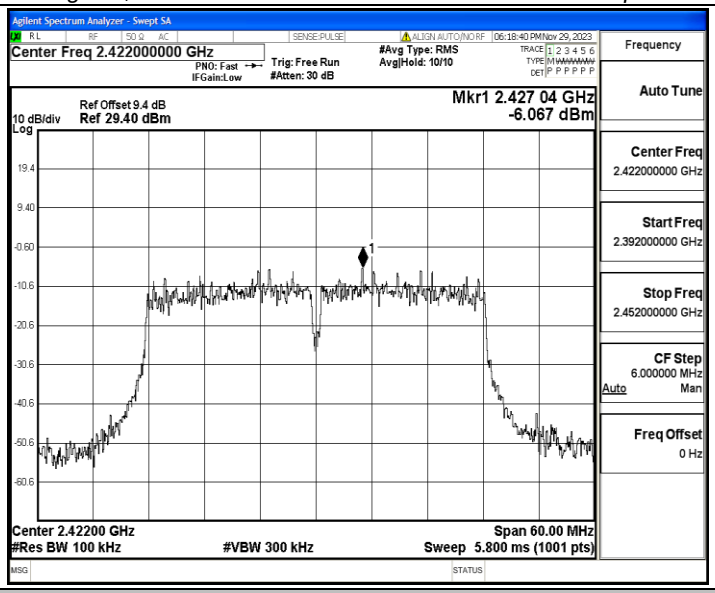

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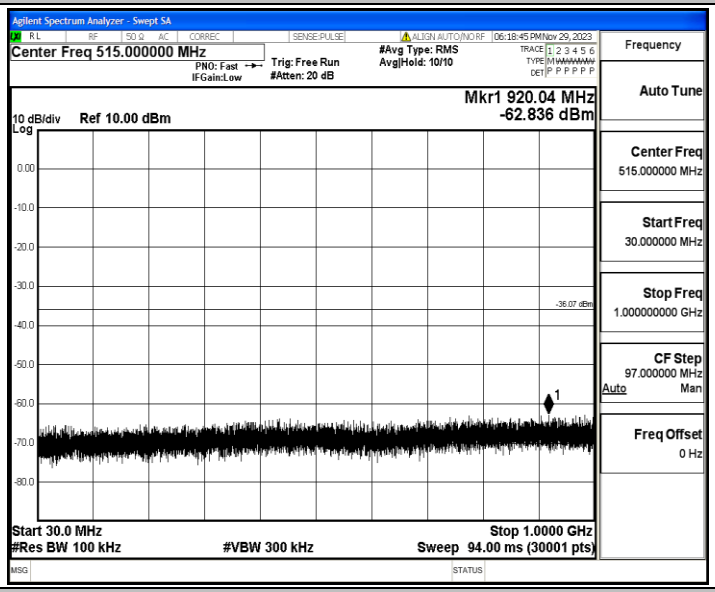

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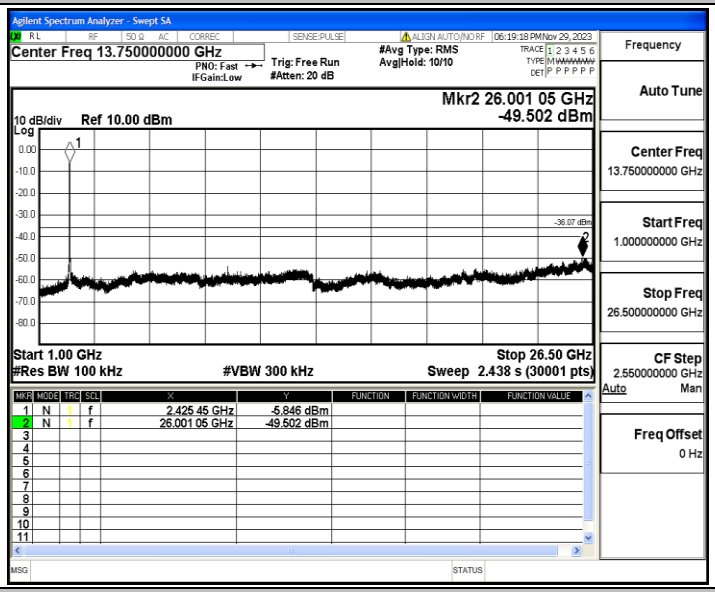

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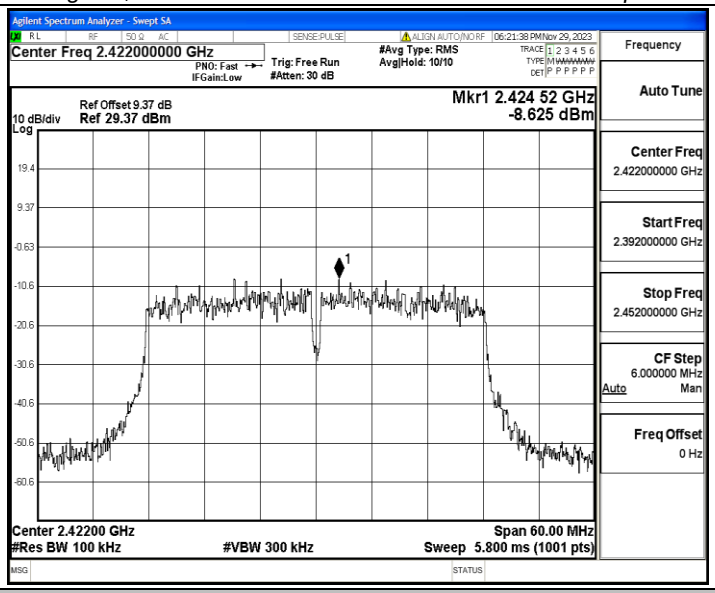

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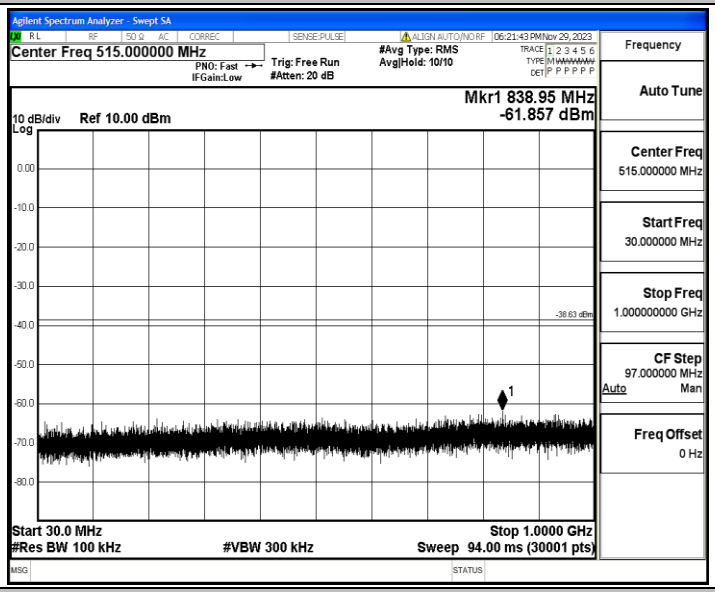

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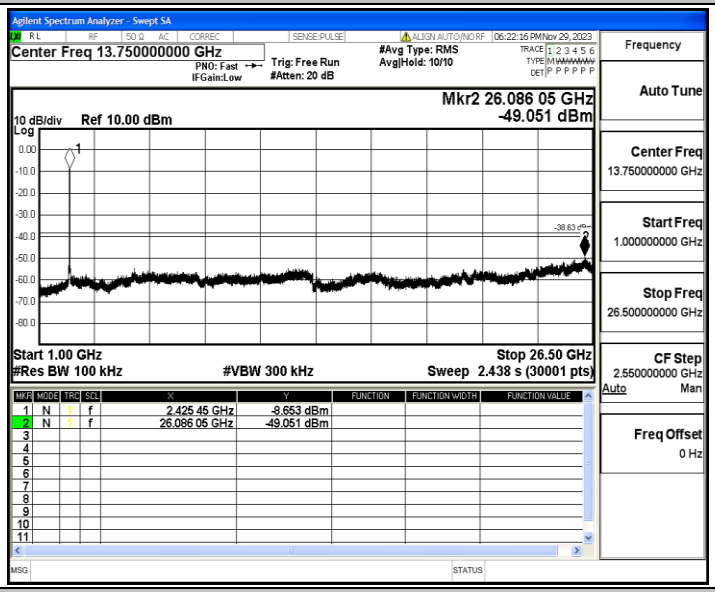

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