11G_Ant2_2462

11N20SISO_Ant2_2412

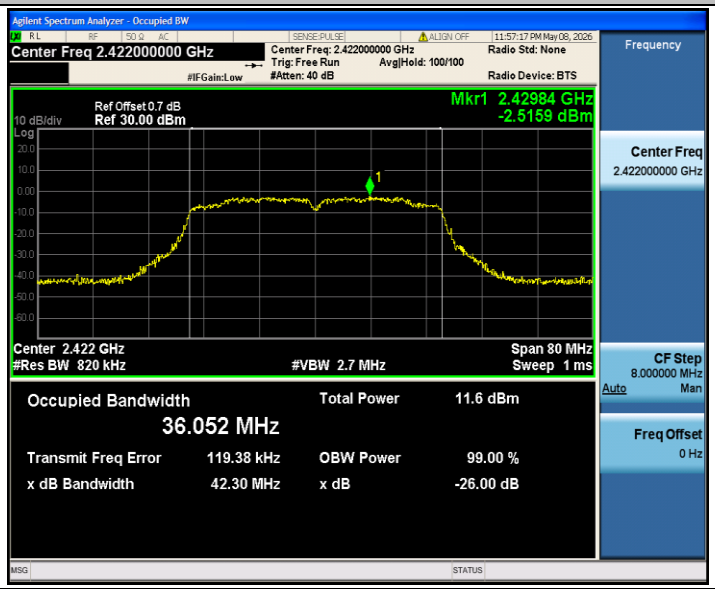
11N20SISO_Ant2_2437



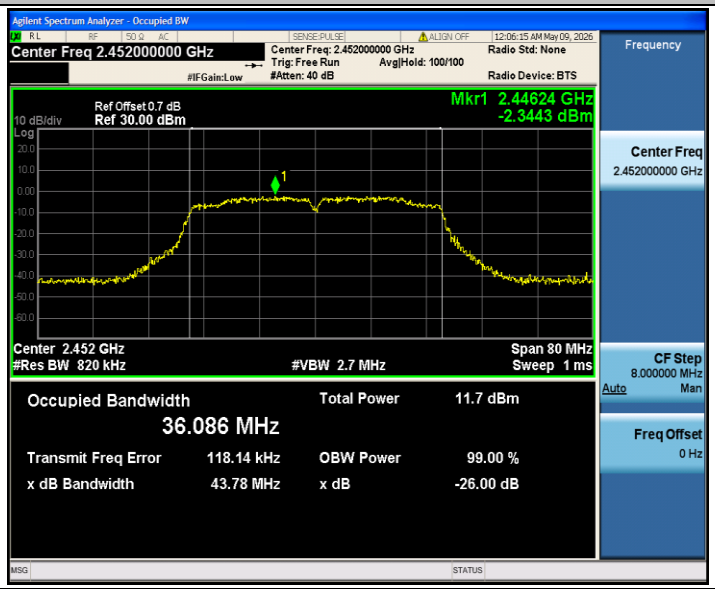
11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



11N40SISO_Ant2_2437

11N40SISO_Ant2_2452


Appendix C: Maximum conducted output power

Test Result

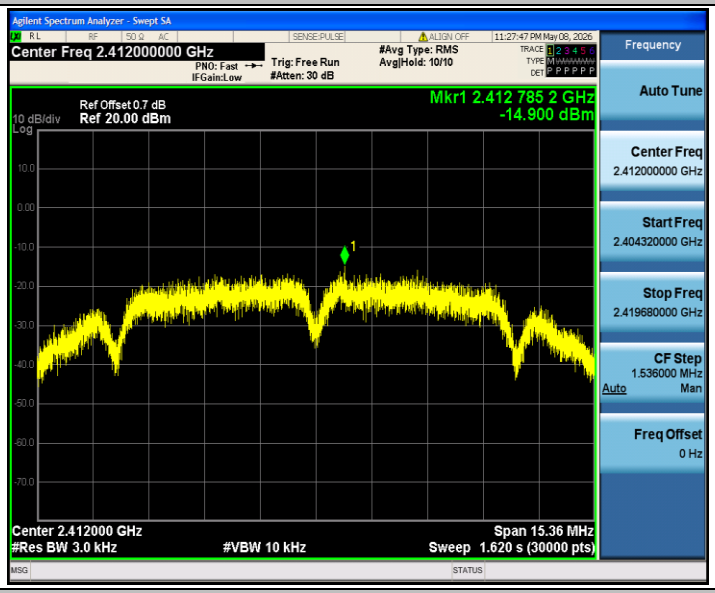
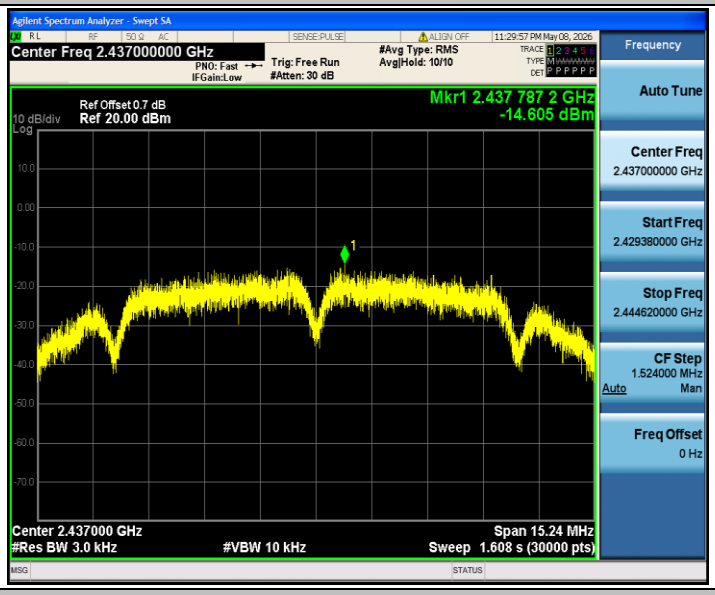
Test Mode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	10.35	≤30.00	PASS
		2437	11.22	≤30.00	PASS
		2462	11.31	≤30.00	PASS
11G	Ant2	2412	11.47	≤30.00	PASS
		2437	11.62	≤30.00	PASS
		2462	11.92	≤30.00	PASS
11N20SISO	Ant2	2412	11.40	≤30.00	PASS
		2437	11.61	≤30.00	PASS
		2462	11.66	≤30.00	PASS
11N40SISO	Ant2	2422	11.72	≤30.00	PASS
		2437	12.03	≤30.00	PASS
		2452	12.09	≤30.00	PASS

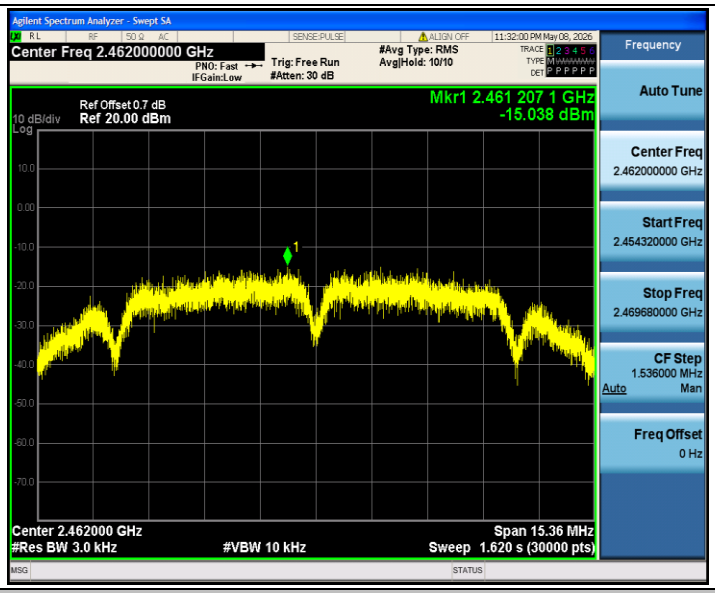
Appendix D: Maximum power spectral density

Test Result

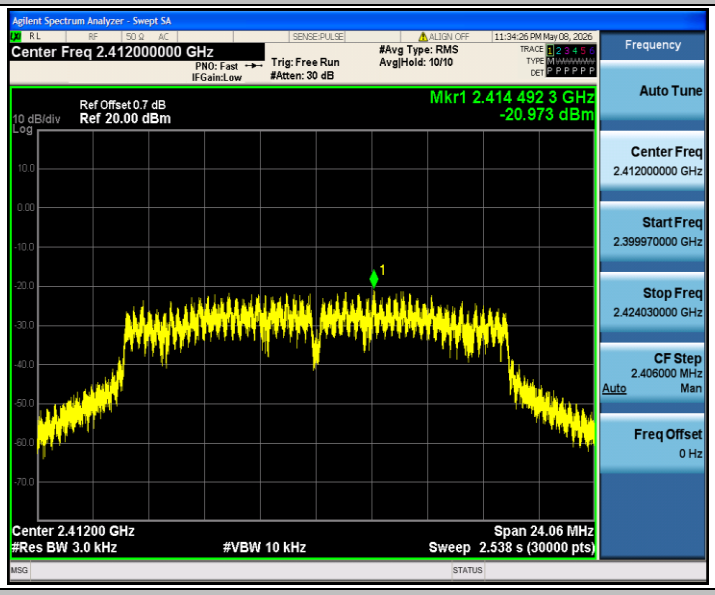
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-14.90	≤8.00	PASS
		2437	-14.61	≤8.00	PASS
		2462	-15.04	≤8.00	PASS
11G	Ant2	2412	-20.97	≤8.00	PASS
		2437	-19.33	≤8.00	PASS
		2462	-19.87	≤8.00	PASS
11N20SISO	Ant2	2412	-20.72	≤8.00	PASS
		2437	-19.46	≤8.00	PASS
		2462	-19.45	≤8.00	PASS
11N40SISO	Ant2	2422	-22.22	≤8.00	PASS
		2437	-22.22	≤8.00	PASS
		2452	-21.69	≤8.00	PASS

Test Graphs

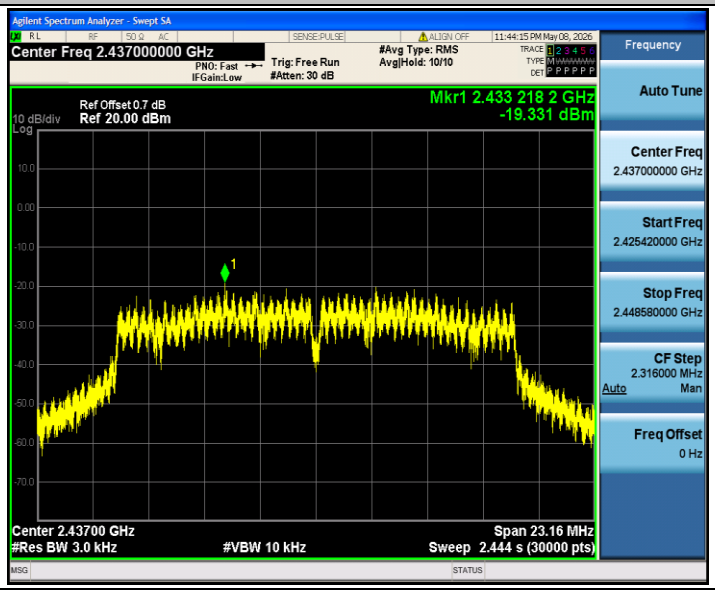
11B_Ant2_2412

11B_Ant2_2437

11B_Ant2_2462

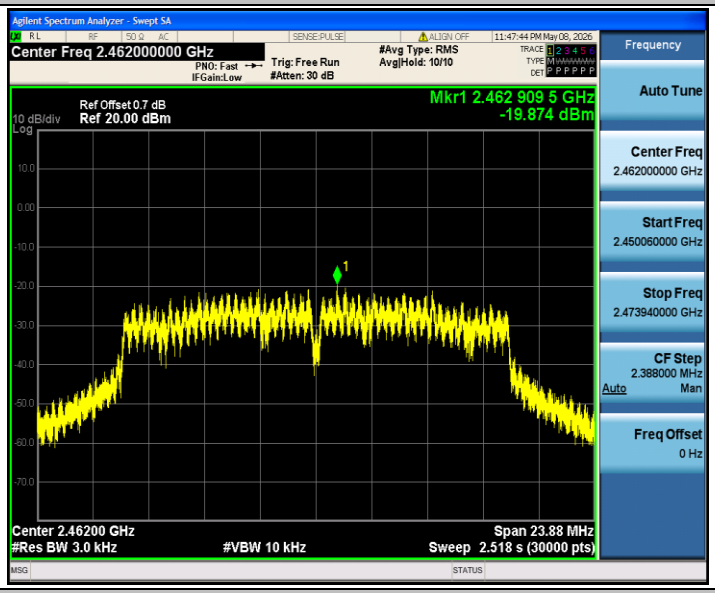
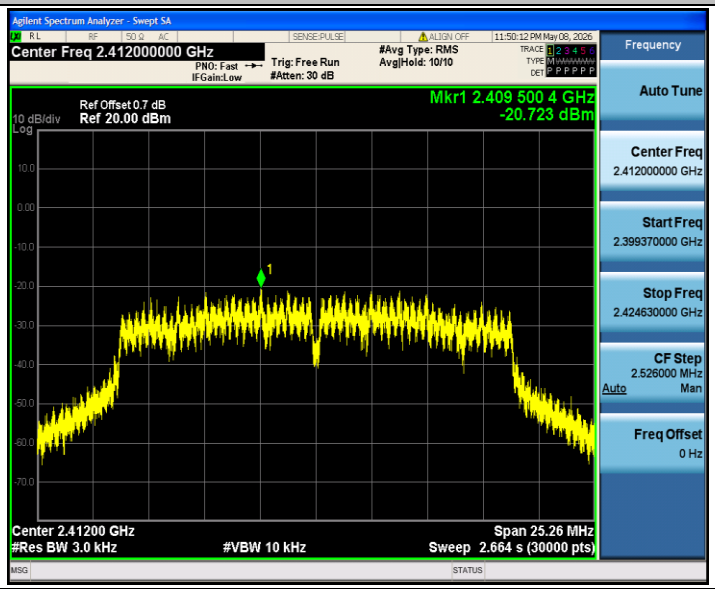


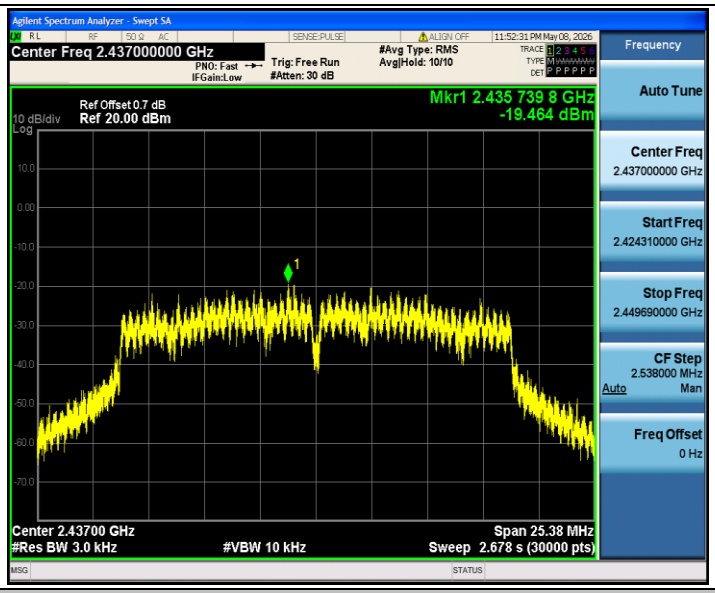
11G_Ant2_2412



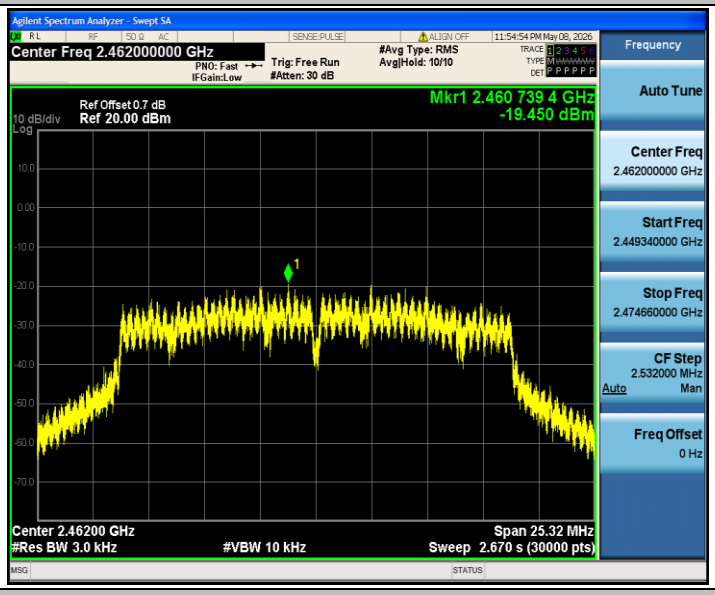
11G_Ant2_2437



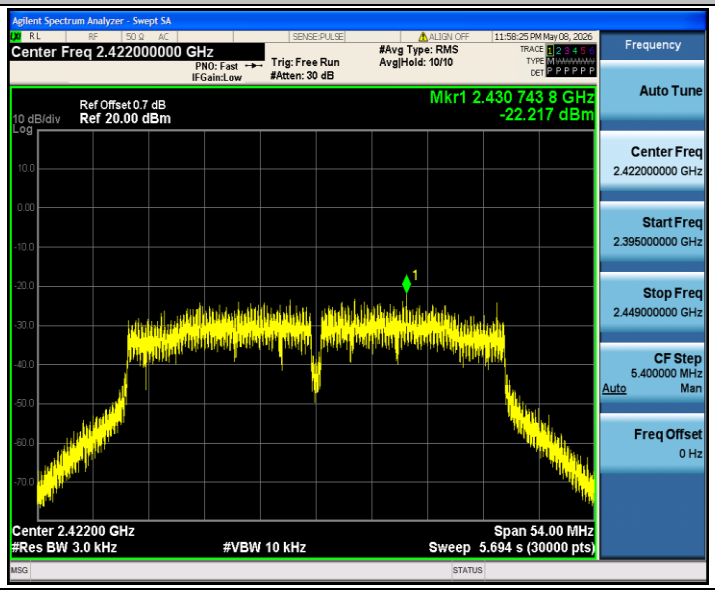
11G_Ant2_2462

11N20SISO_Ant2_2412

11N20SISO_Ant2_2437

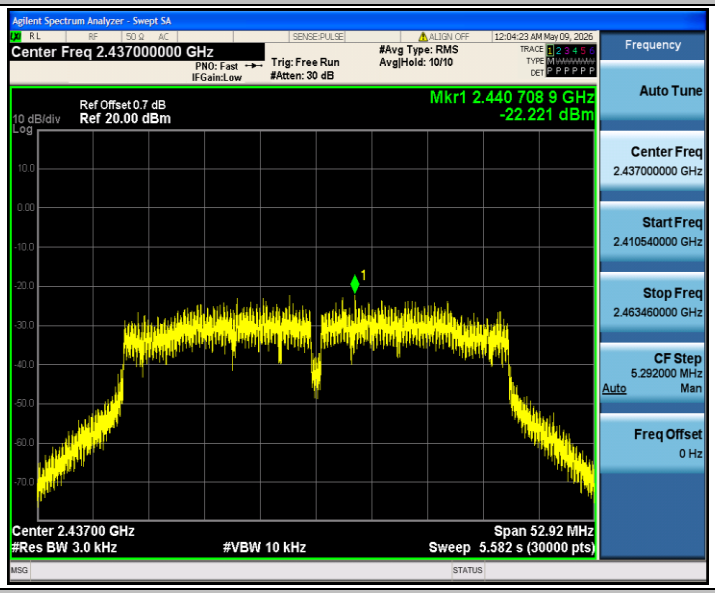
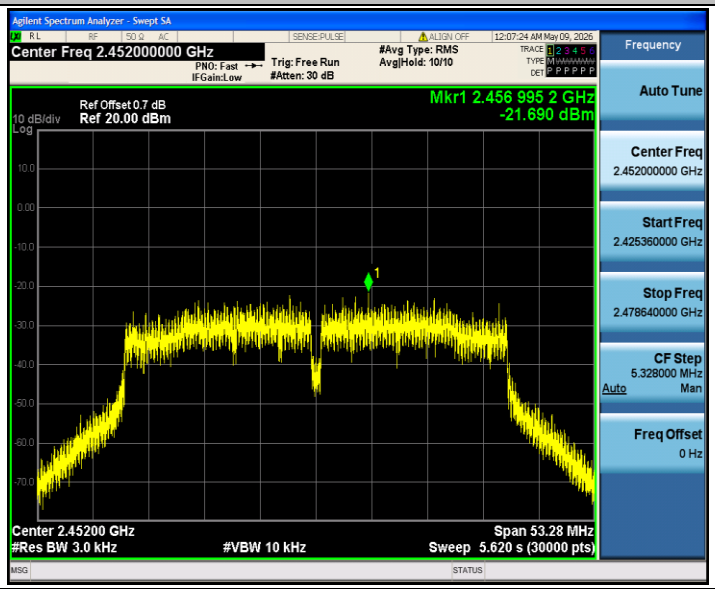


11N20SISO_Ant2_2462



11N40SISO_Ant2_2422



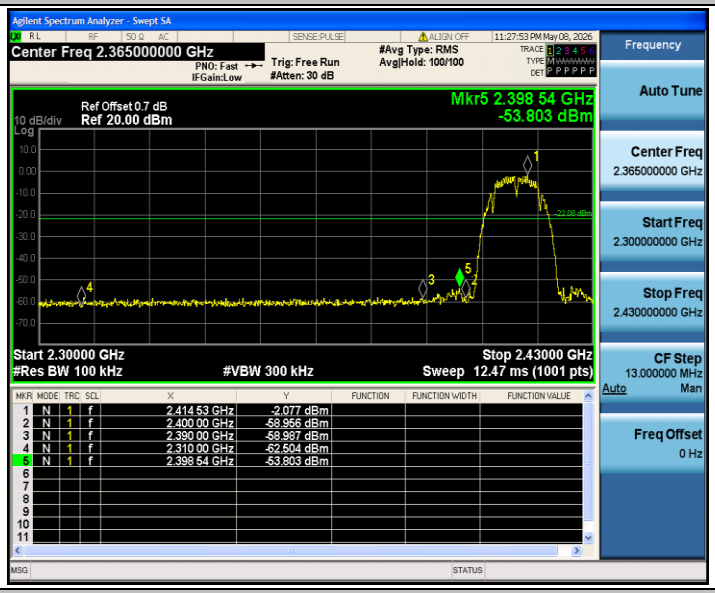
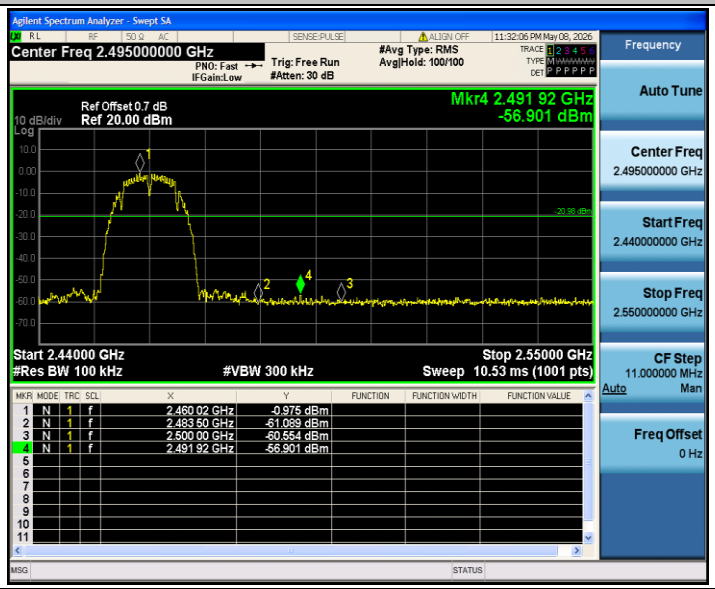
11N40SISO_Ant2_2437

11N40SISO_Ant2_2452


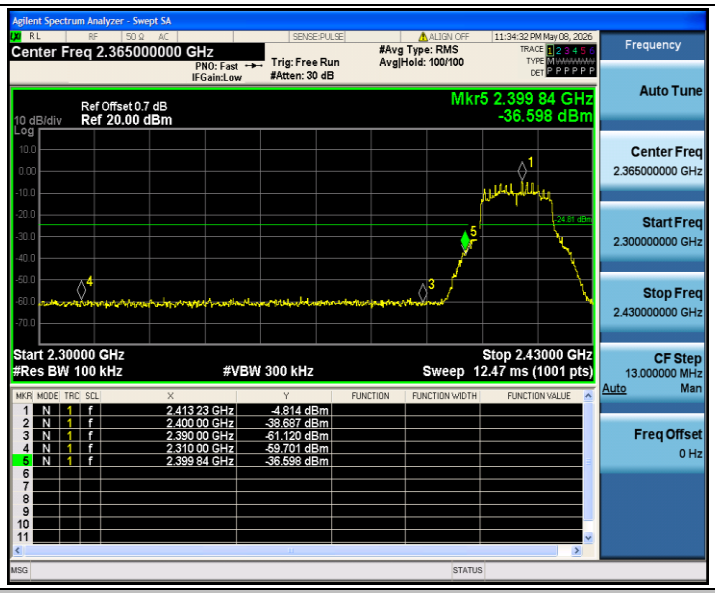
Appendix E: Band edge measurements

Test Result

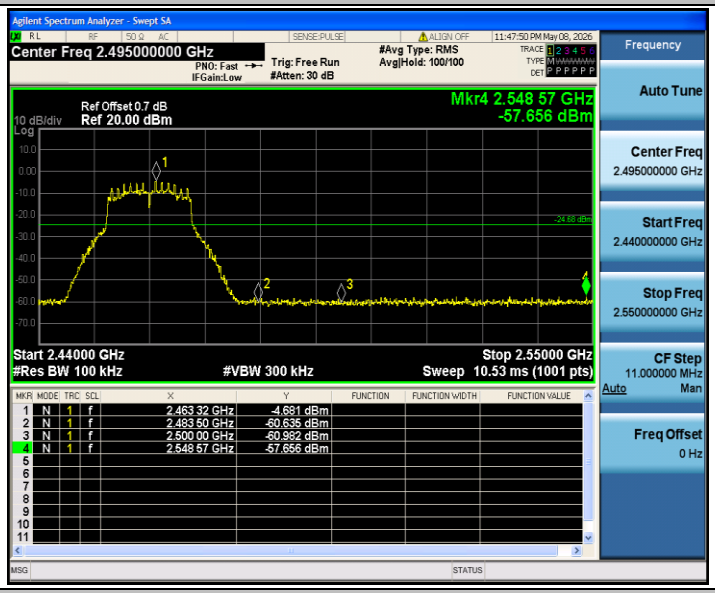
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant2	Low	2412	-2.08	-53.8	≤-22.08	PASS
		High	2462	-0.98	-56.9	≤-20.98	PASS
11G	Ant2	Low	2412	-4.81	-36.6	≤-24.81	PASS
		High	2462	-4.68	-57.66	≤-24.68	PASS
11N20SISO	Ant2	Low	2412	-5.20	-35.58	≤-25.2	PASS
		High	2462	-4.74	-57.29	≤-24.74	PASS
11N40SISO	Ant2	Low	2422	-8.24	-36.43	≤-28.24	PASS
		High	2452	-7.95	-56.66	≤-27.95	PASS

Test Graphs

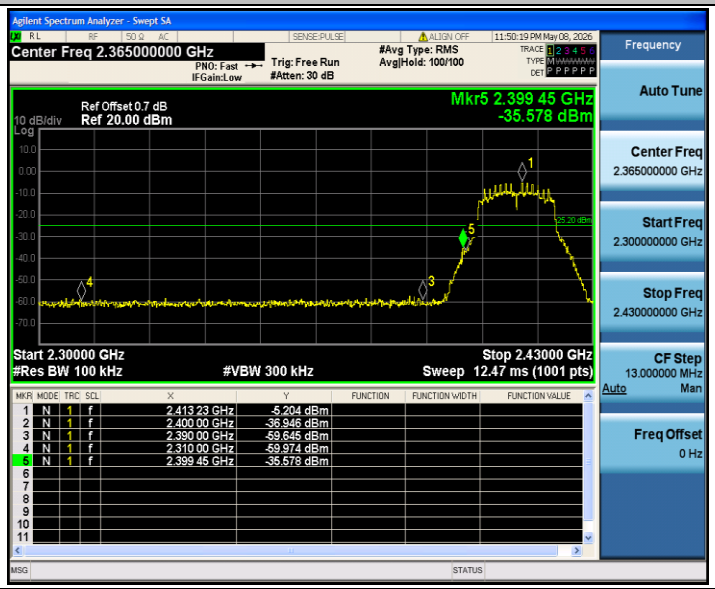
11B_Ant2_Low_2412

11B_Ant2_High_2462

11G_Ant2_Low_2412

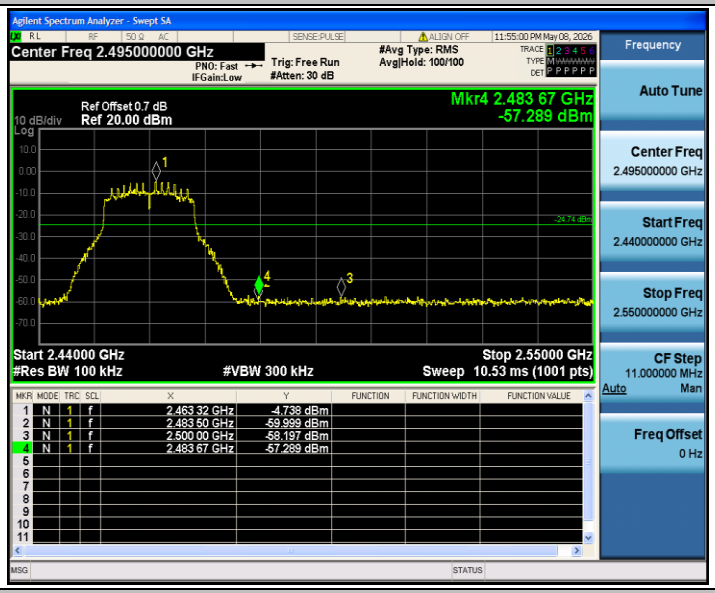
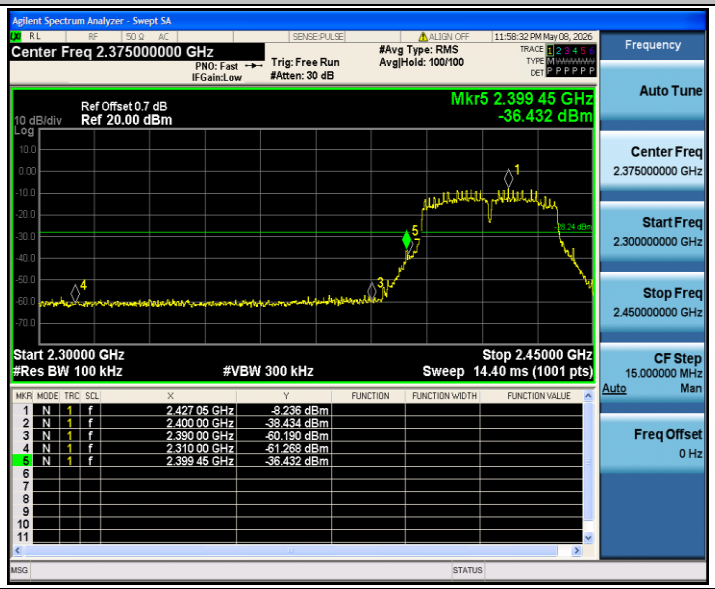


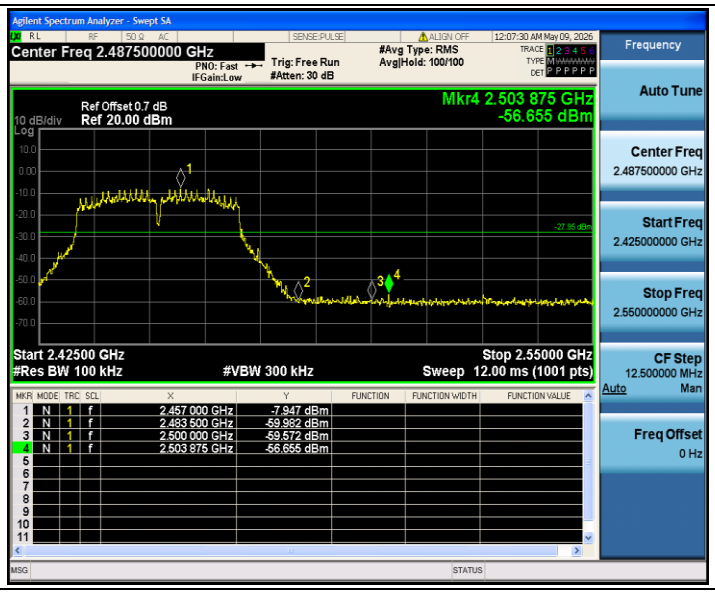
11G_Ant2_High_2462



11N20SISO_Ant2_Low_2412



11N20SISO_Ant2_High_2462

11N40SISO_Ant2_Low_2422

11N40SISO_Ant2_High_2452

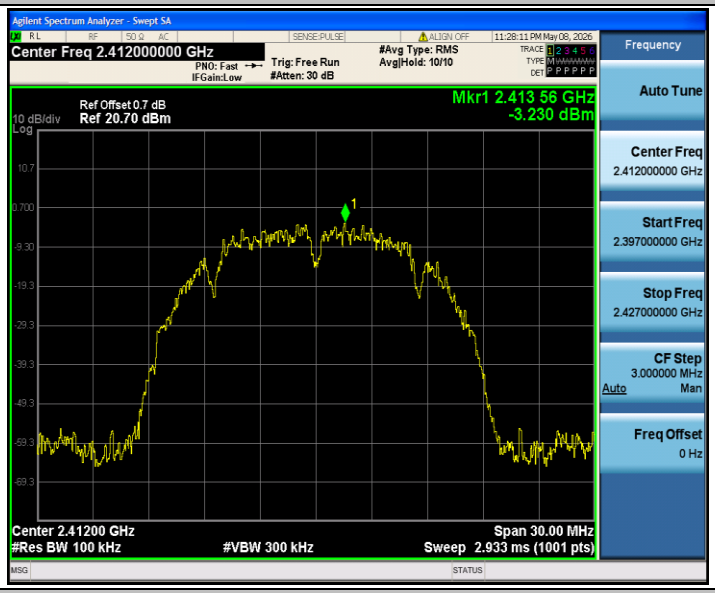
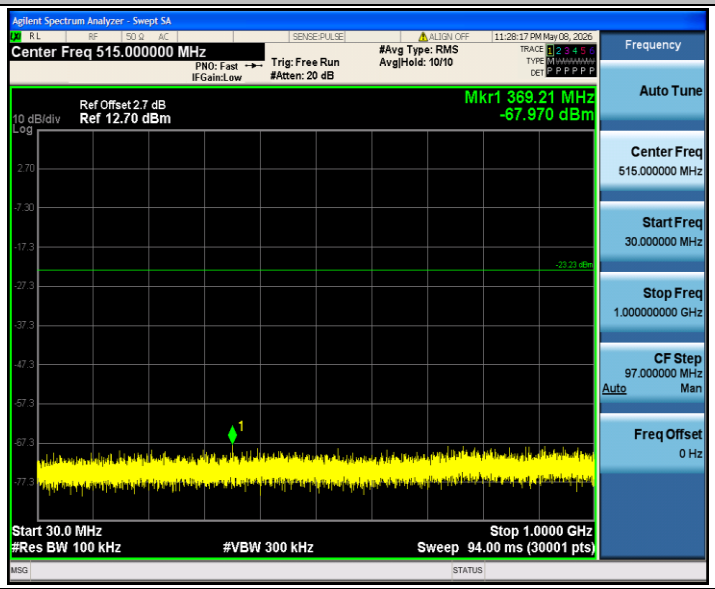

Agilent Spectrum Analyzer - Swept SA
Center Freq 2.487500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
12:07:30 AM May 09, 2026
Frequency
Auto Tune
Ref Offset 0.7 dB
10 dB/div
Ref 20.00 dBm
Mkr4 2.503 875 GHz
-56.655 dBm
-27.95 dBm
Start 2.42500 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep 12.00 ms (1001 pts)
Center Freq
2.487500000 GHz
Start Freq
2.425000000 GHz
Stop Freq
2.550000000 GHz
CF Step
12.500000 MHz
Auto
Man
Freq Offset
0 Hz
1 N 1 f 2.457 000 GHz -7.947 dBm
2 N 1 f 2.483 500 GHz -59.982 dBm
3 N 1 f 2.500 000 GHz -59.572 dBm
4 N 1 f 2.503 875 GHz -56.655 dBm
MSG
STATUS

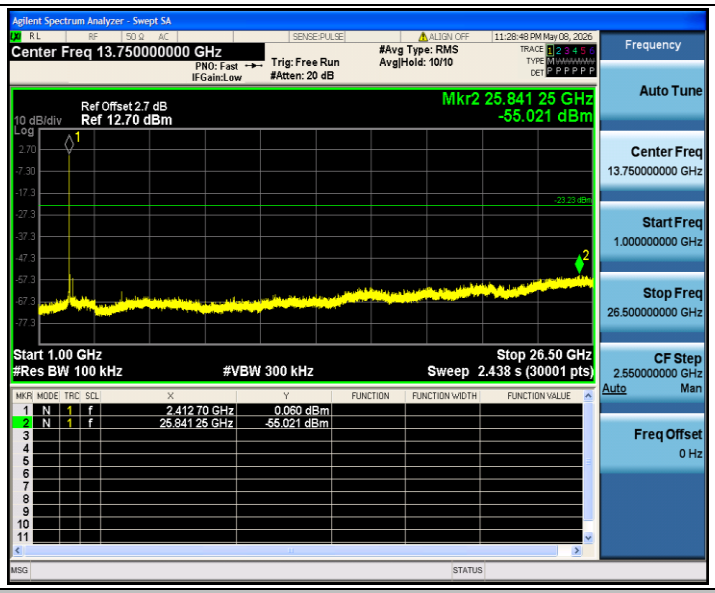
Appendix F: Conducted Spurious Emission

Test Result

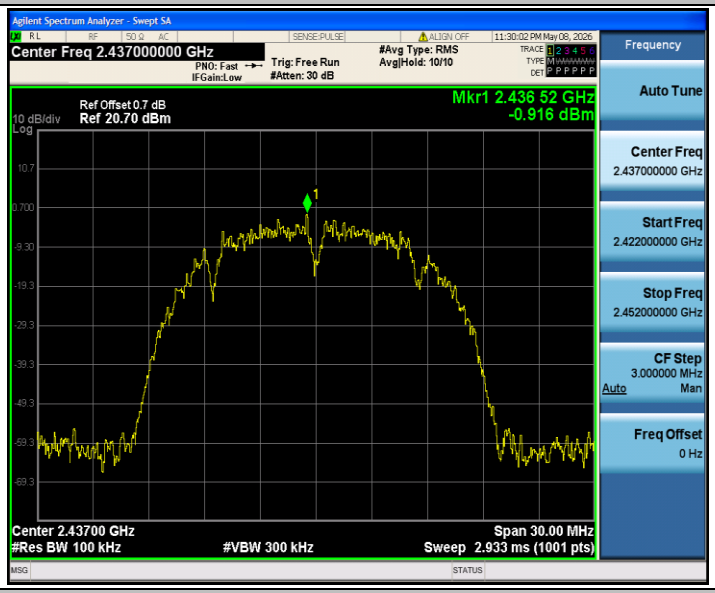
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	-3.23	-3.23	---	PASS
			30~1000	-3.23	-67.97	≤-23.23	PASS
			1000~26500	-3.23	-55.02	≤-23.23	PASS
		2437	Reference	-0.92	-0.92	---	PASS
			30~1000	-0.92	-67.92	≤-20.92	PASS
			1000~26500	-0.92	-54.49	≤-20.92	PASS
		2462	Reference	-1.88	-1.88	---	PASS
			30~1000	-1.88	-67.67	≤-21.88	PASS
			1000~26500	-1.88	-54.96	≤-21.88	PASS
11G	Ant2	2412	Reference	-5.60	-5.60	---	PASS
			30~1000	-5.60	-66.94	≤-25.6	PASS
			1000~26500	-5.60	-54.69	≤-25.6	PASS
		2437	Reference	-5.92	-5.92	---	PASS
			30~1000	-5.92	-67.02	≤-25.92	PASS
			1000~26500	-5.92	-54.93	≤-25.92	PASS
		2462	Reference	-5.67	-5.67	---	PASS
			30~1000	-5.67	-68.19	≤-25.67	PASS
			1000~26500	-5.67	-54.96	≤-25.67	PASS
11N20SISO	Ant2	2412	Reference	-5.32	-5.32	---	PASS
			30~1000	-5.32	-67.78	≤-25.32	PASS
			1000~26500	-5.32	-54.83	≤-25.32	PASS
		2437	Reference	-5.90	-5.90	---	PASS
			30~1000	-5.90	-67.05	≤-25.9	PASS
			1000~26500	-5.90	-54.85	≤-25.9	PASS
		2462	Reference	-5.28	-5.28	---	PASS
			30~1000	-5.28	-68.06	≤-25.28	PASS
			1000~26500	-5.28	-54.24	≤-25.28	PASS
11N40SISO	Ant2	2422	Reference	-8.94	-8.94	---	PASS
			30~1000	-8.94	-67.8	≤-28.94	PASS
			1000~26500	-8.94	-54.86	≤-28.94	PASS
		2437	Reference	-8.48	-8.48	---	PASS
			30~1000	-8.48	-59.98	≤-28.48	PASS
			1000~26500	-8.48	-54.52	≤-28.48	PASS
		2452	Reference	-8.17	-8.17	---	PASS
			30~1000	-8.17	-67.45	≤-28.17	PASS
			1000~26500	-8.17	-55.05	≤-28.17	PASS

Test Graphs

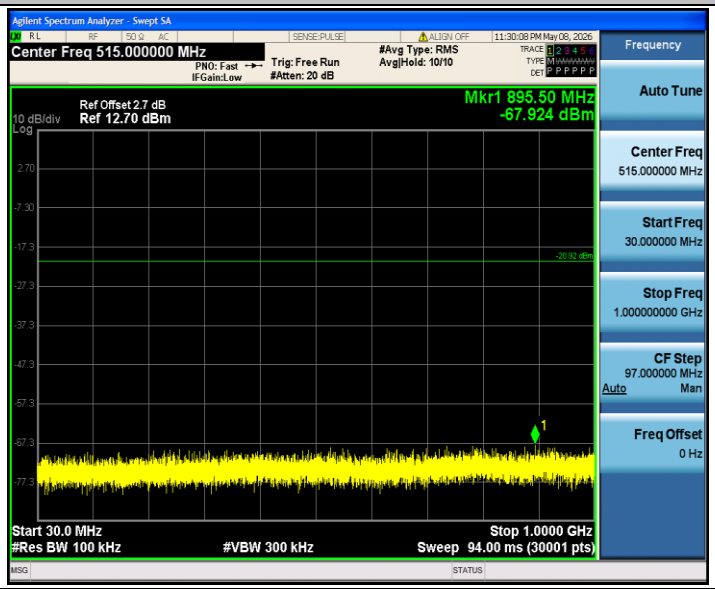
11B_Ant2_2412_0~Reference

11B_Ant2_2412_30~1000

11B_Ant2_2412_1000~26500

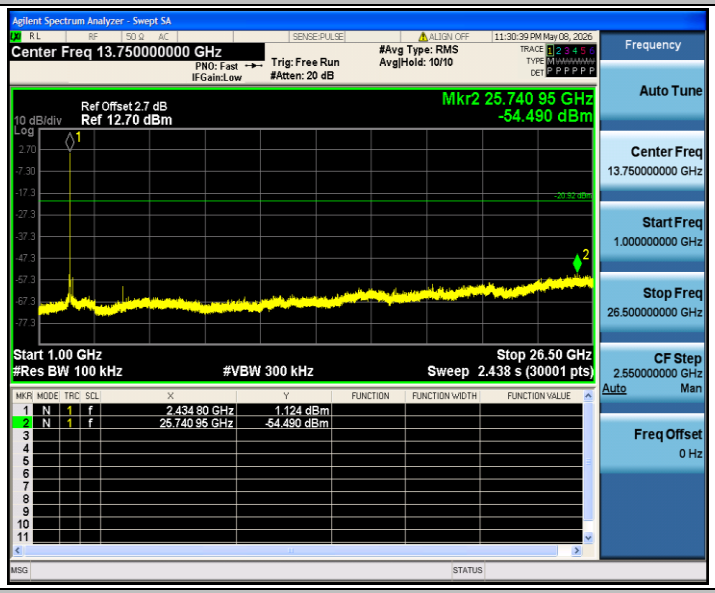
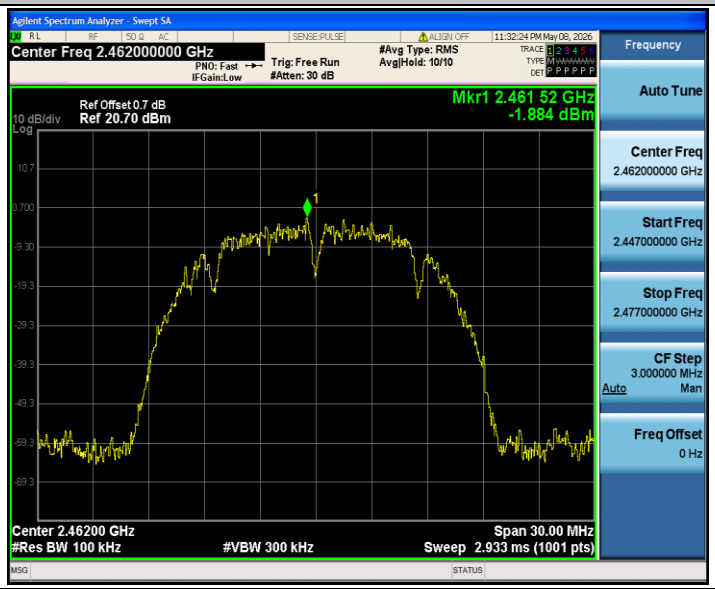


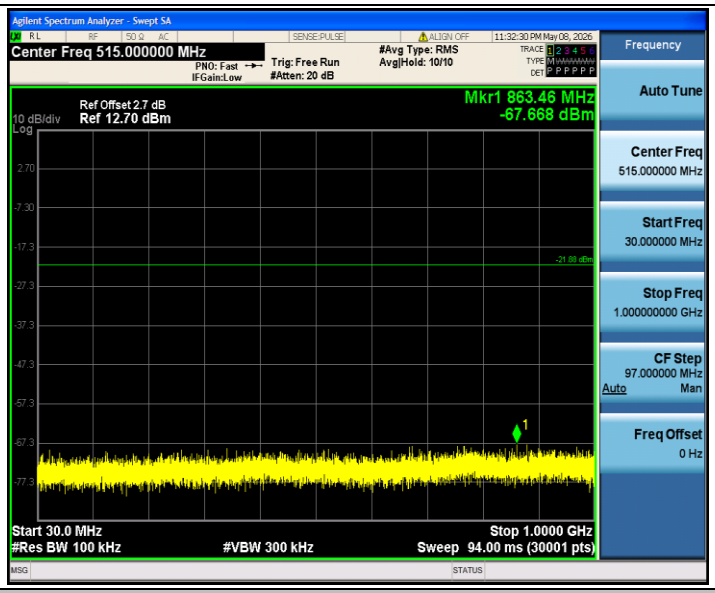
11B_Ant2_2437_0~Reference



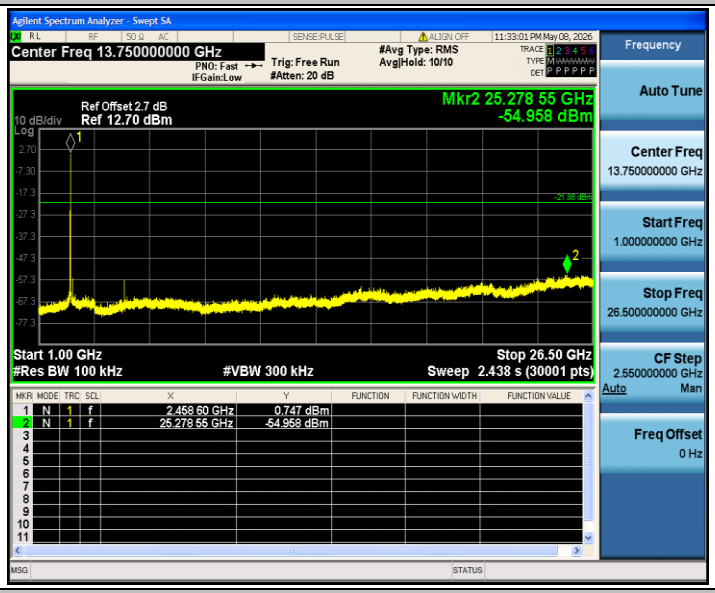
11B_Ant2_2437_30~1000



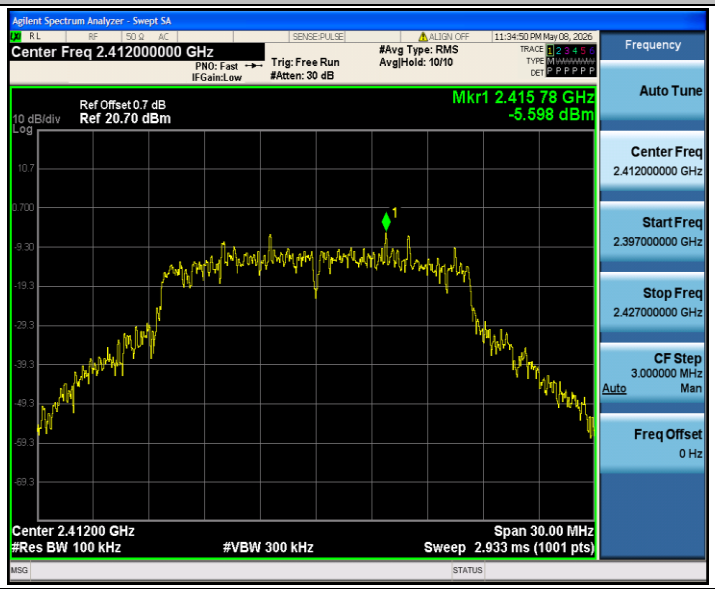
11B_Ant2_2437_1000~26500

11B_Ant2_2462_0~Reference

11B_Ant2_2462_30~1000

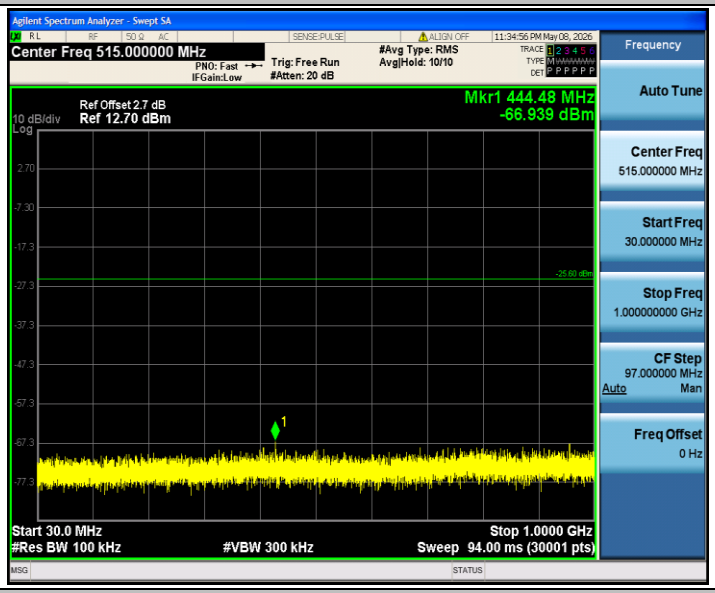
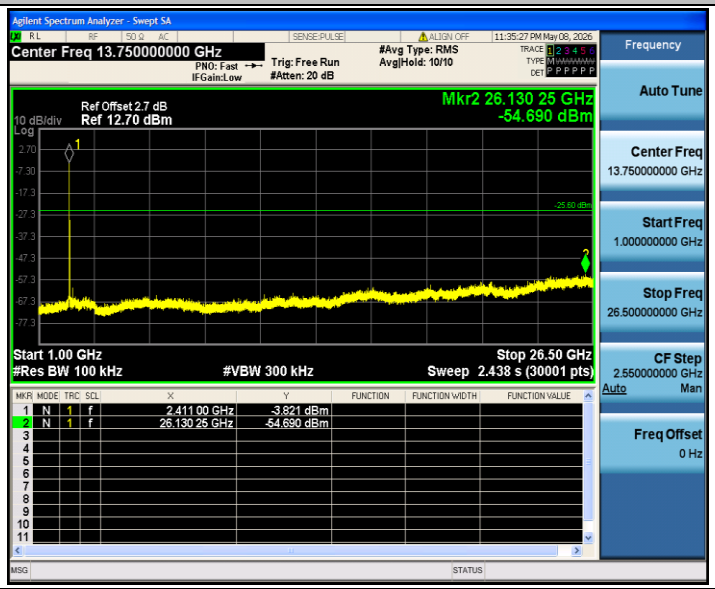


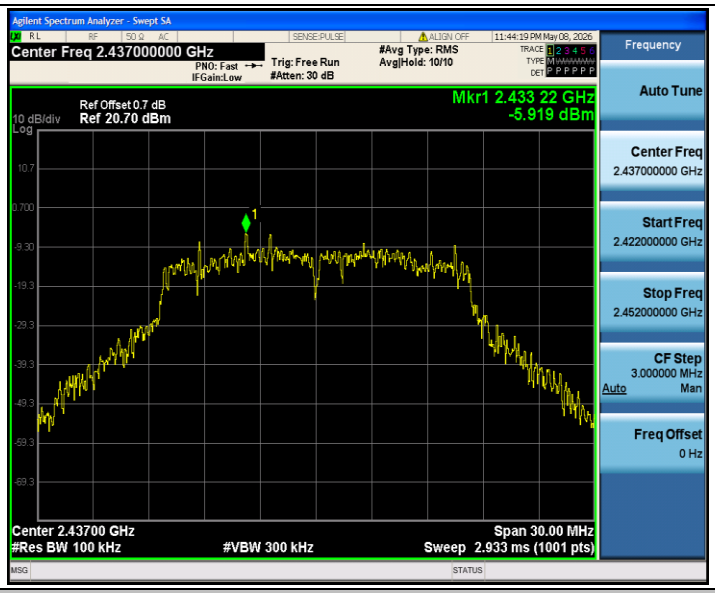
11B_Ant2_2462_1000~26500



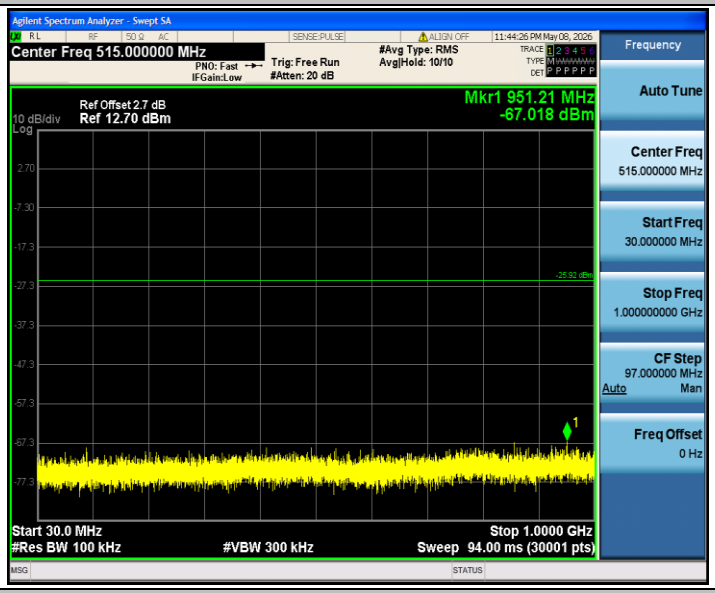
11G_Ant2_2412_0~Reference



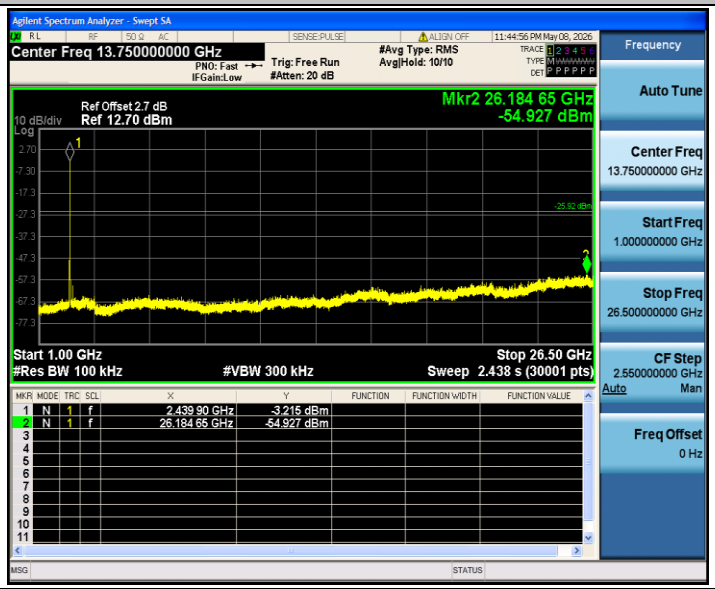
11G_Ant2_2412_30~1000

11G_Ant2_2412_1000~26500

11G_Ant2_2437_0~Reference

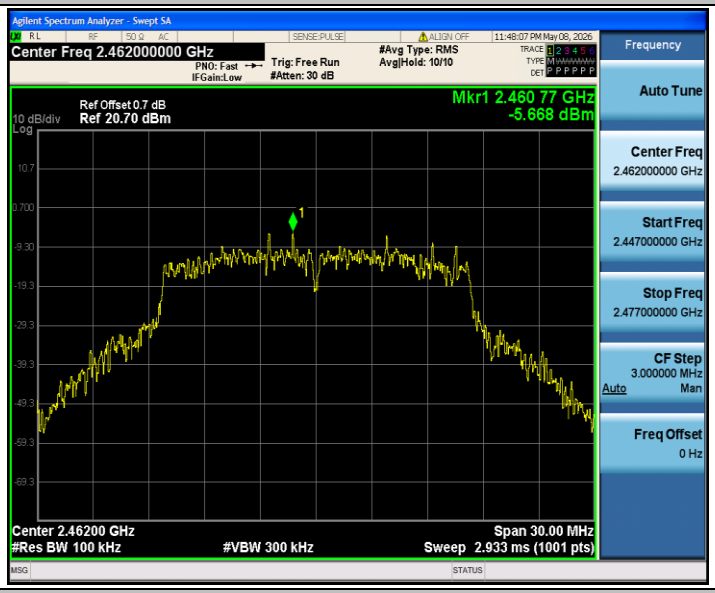
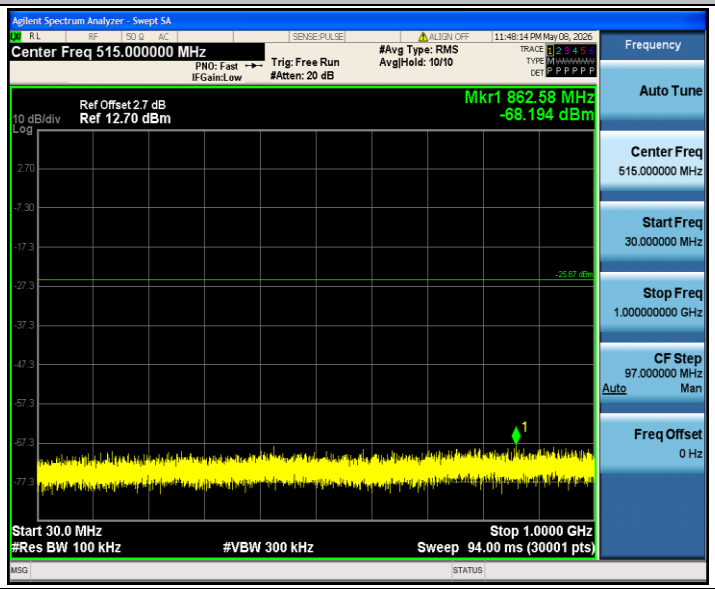


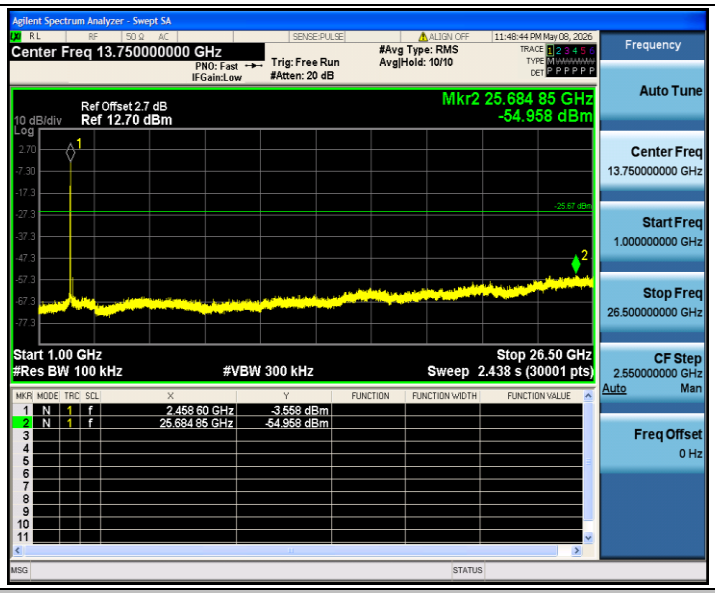
11G_Ant2_2437_30~1000



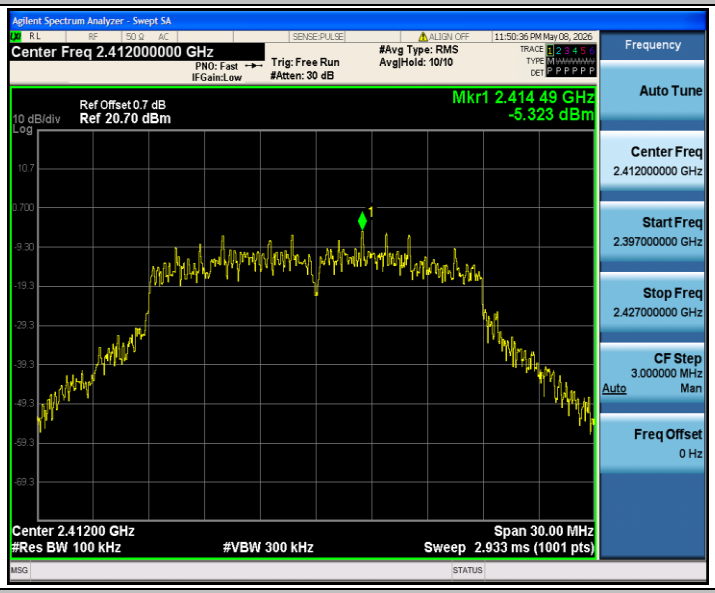
11G_Ant2_2437_1000~26500



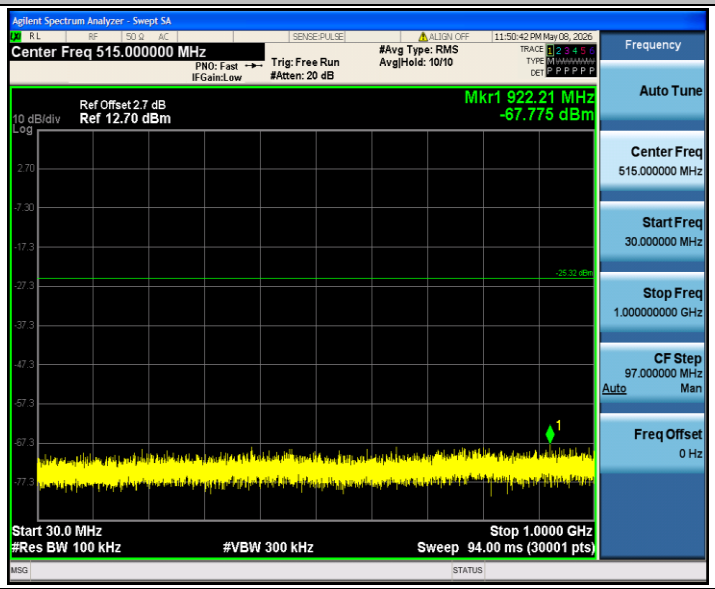
11G_Ant2_2462_0~Reference

11G_Ant2_2462_30~1000

11G_Ant2_2462_1000~26500

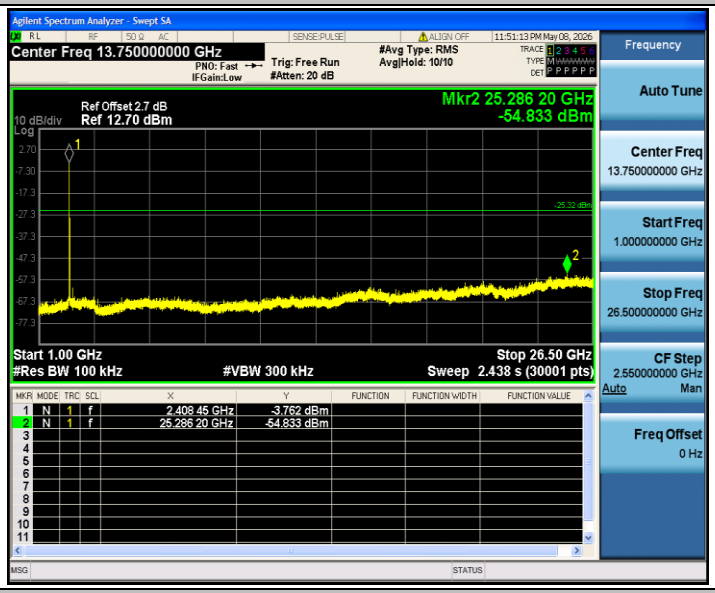
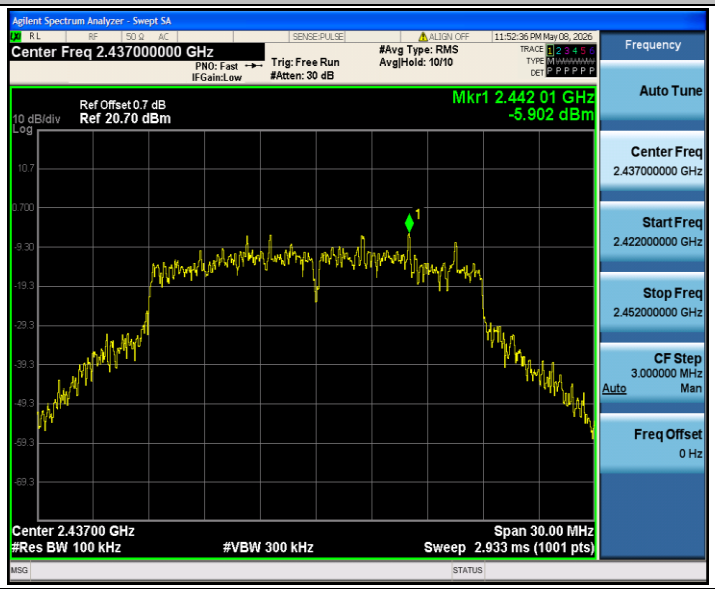


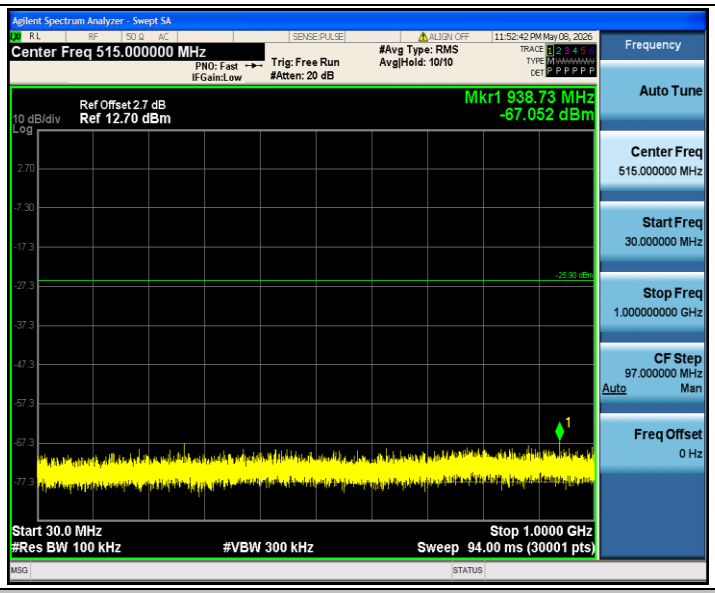
11N20SISO_Ant2_2412_0~Reference



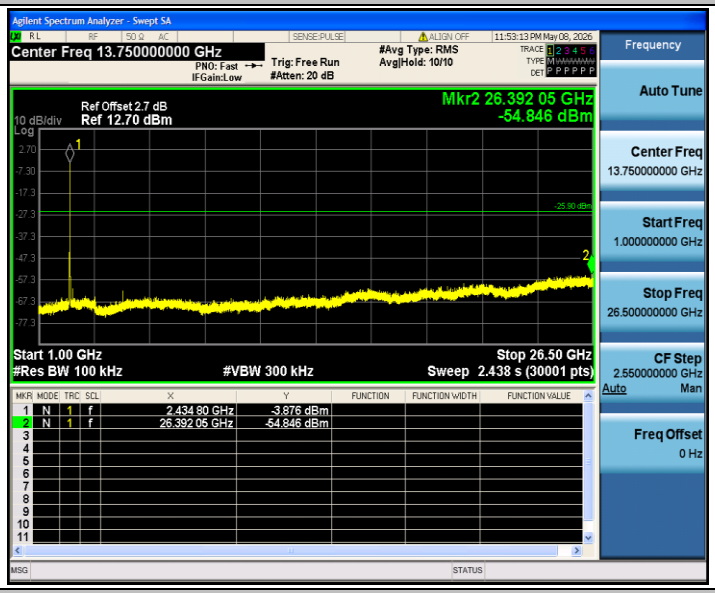
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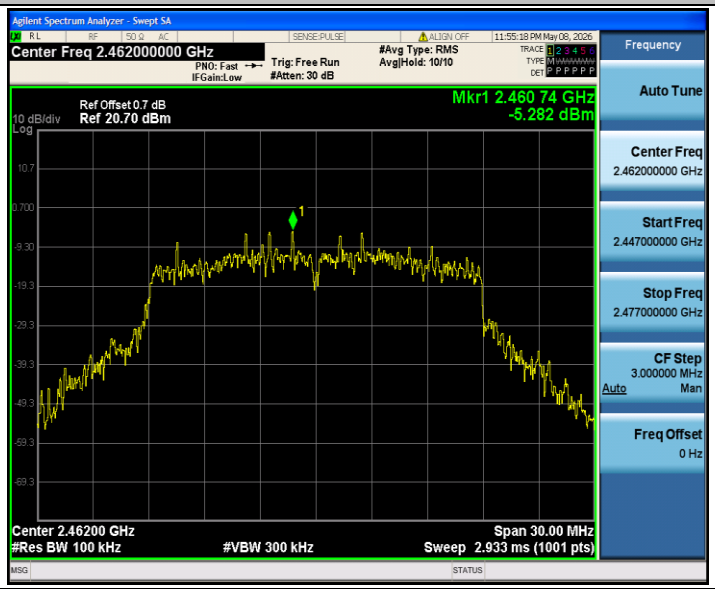
11N20SISO_Ant2_2412_1000~26500

11N20SISO_Ant2_2437_0~Reference

11N20SISO_Ant2_2437_30~1000

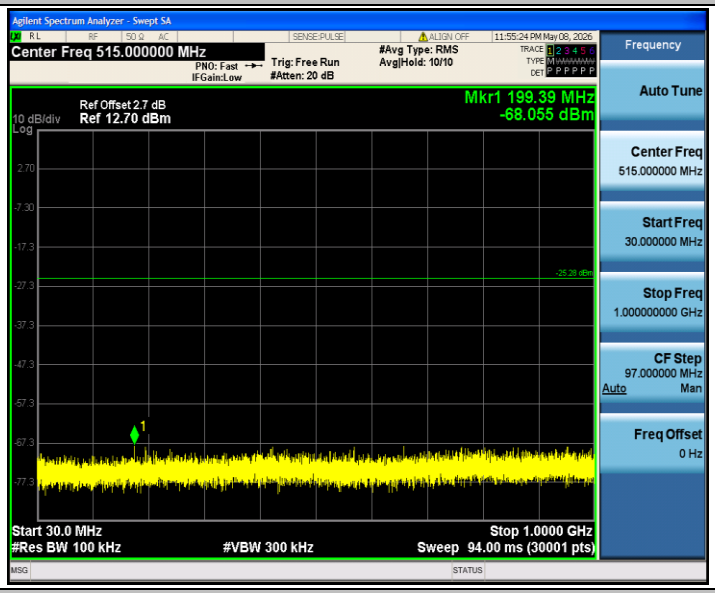
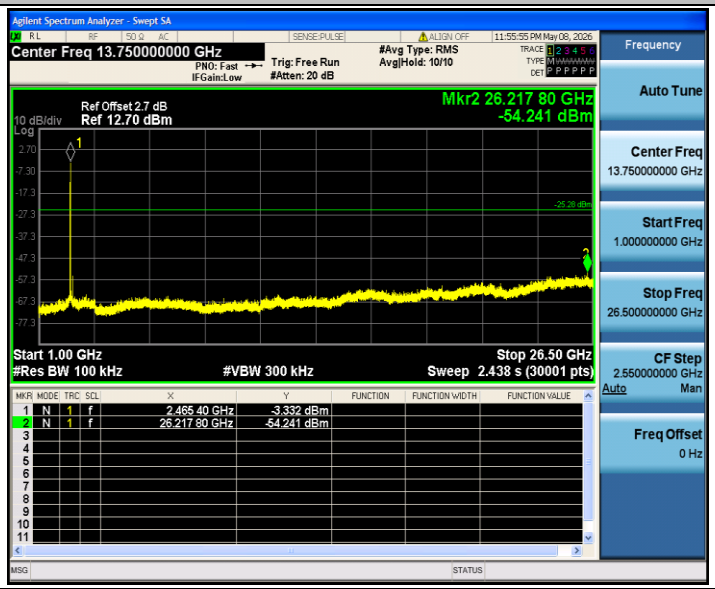


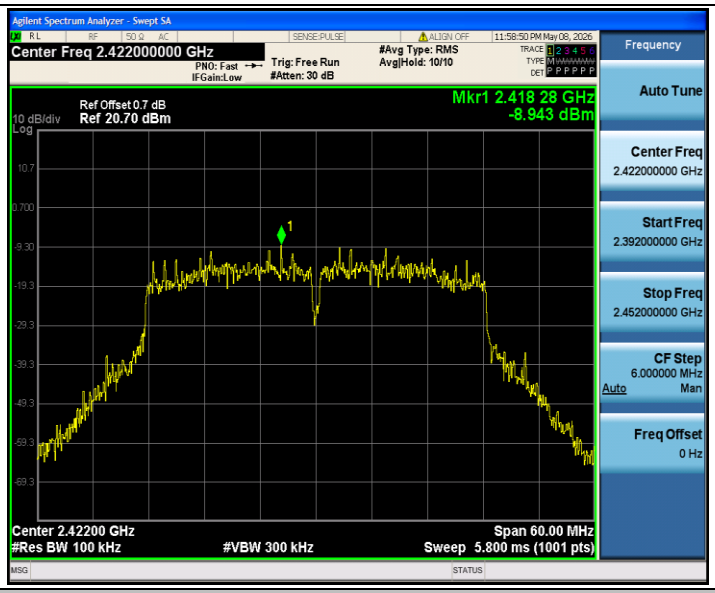
11N20SISO_Ant2_2437_1000~26500



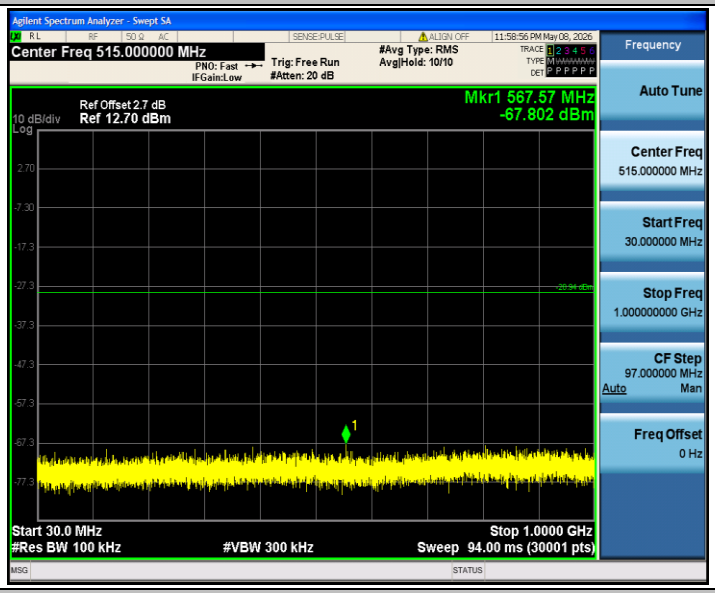
11N20SISO_Ant2_2462_0~Reference



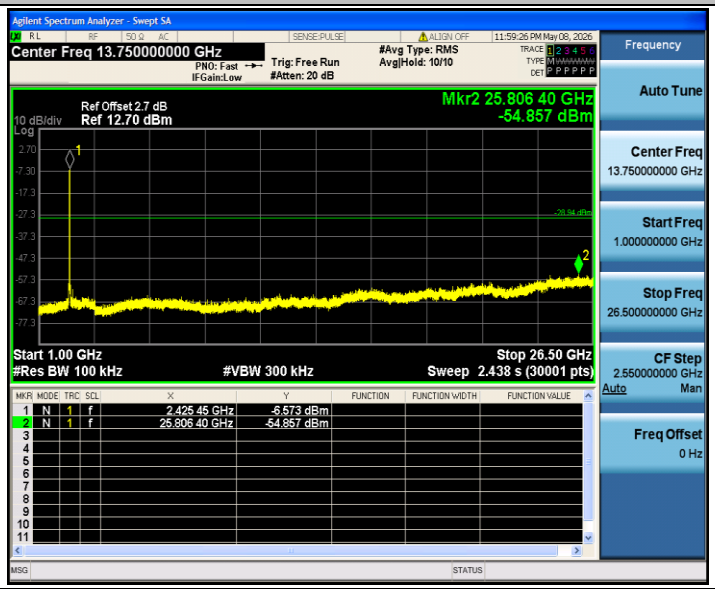
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11N20SISO_Ant2_2462_1000~26500

11N40SISO_Ant2_2422_0~Reference

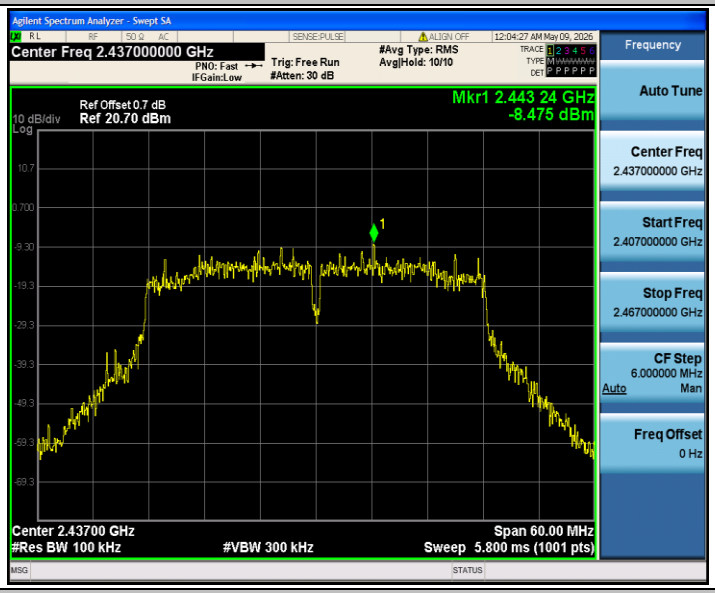
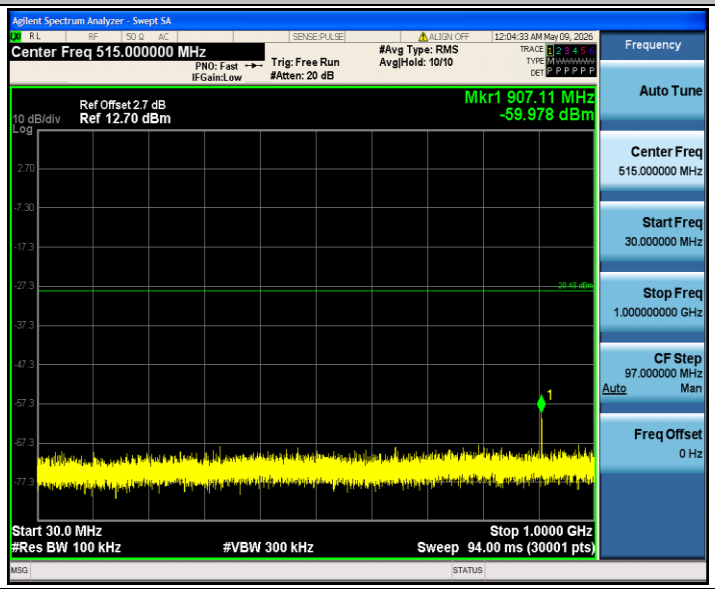


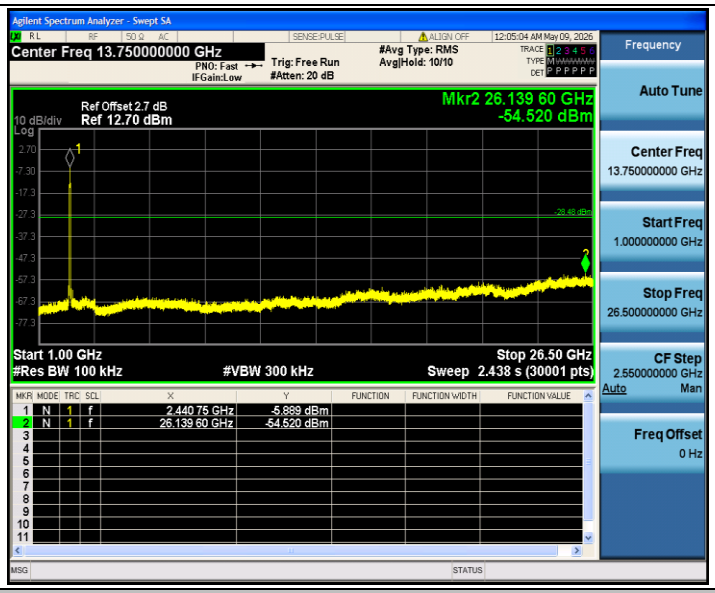
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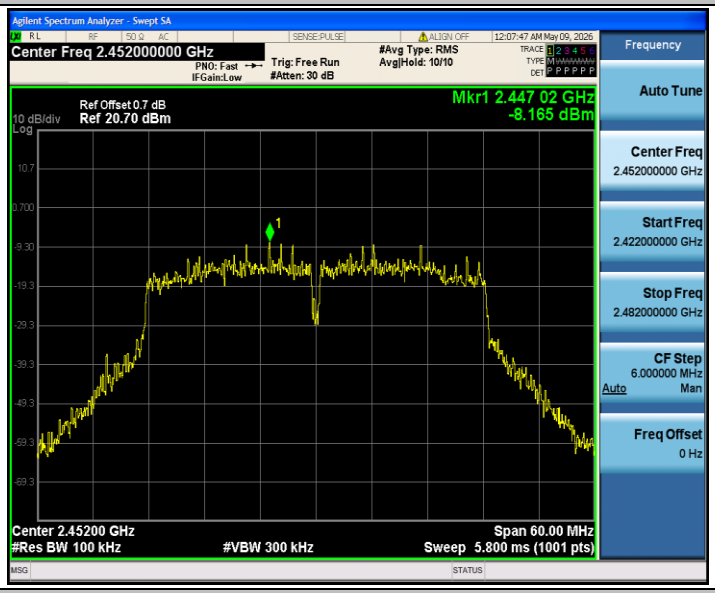
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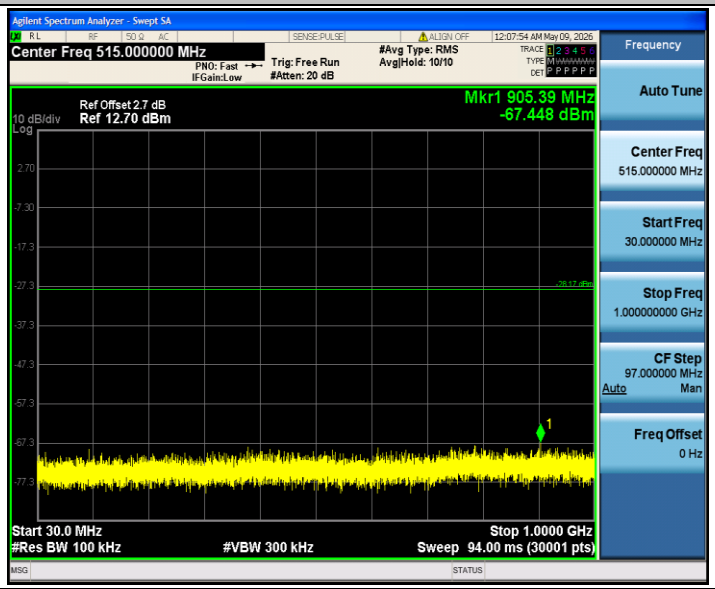
11N40SISO_Ant2_2437_0~Reference

11N40SISO_Ant2_2437_30~1000

11N40SISO_Ant2_2437_1000~26500

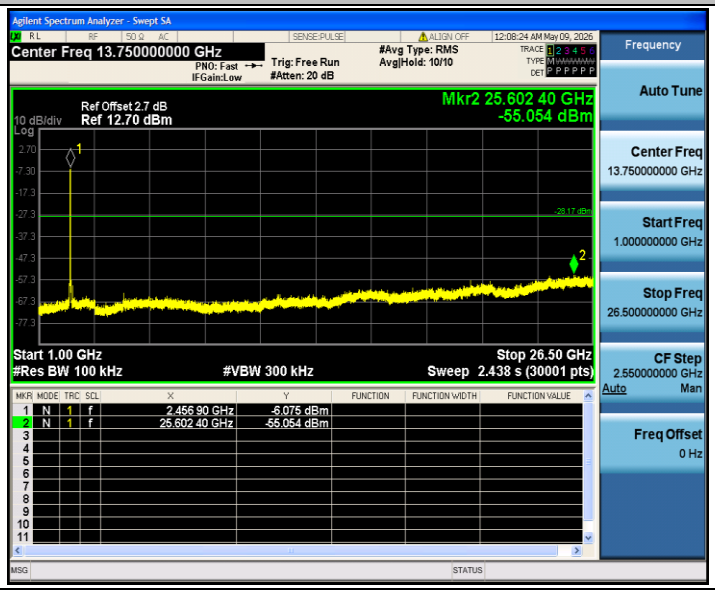


11N40SISO_Ant2_2452_0~Reference



11N40SISO_Ant2_2452_30~1000



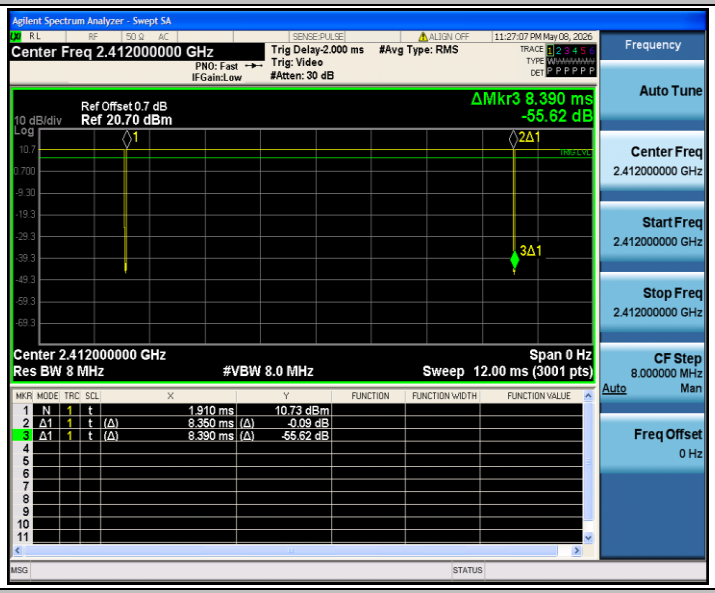
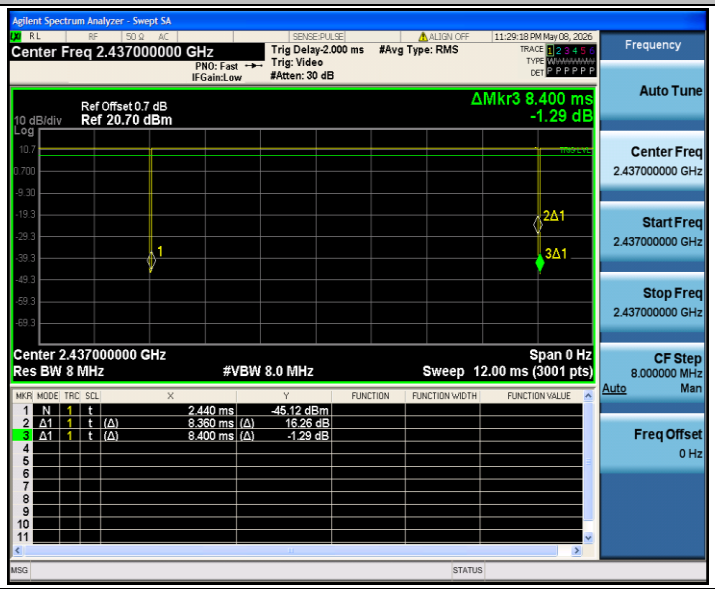
11N40SISO_Ant2_2452_1000~26500


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	Ant2	2412	8.35	8.39	99.52	0.02	0.12
		2437	8.36	8.40	99.52	0.02	0.12
		2462	8.36	8.40	99.52	0.02	0.12
11G	Ant2	2412	0.15	0.19	78.95	1.03	6.67
		2437	0.15	0.20	75.00	1.25	6.67
		2462	0.15	0.20	75.00	1.25	6.67
11N20SISO	Ant2	2412	0.18	0.22	81.82	0.87	5.56
		2437	0.18	0.23	78.26	1.06	5.56
		2462	0.17	0.22	77.27	1.12	5.88
11N40SISO	Ant2	2422	0.18	0.23	78.26	1.06	5.56
		2437	0.18	0.23	78.26	1.06	5.56
		2452	0.18	0.23	78.26	1.06	5.56

Test Graphs

11B_Ant2_2412

11B_Ant2_2437

11B_Ant2_2462