FCC Appendix RF Test Data

FCC ID	**:**	**2BPTB-CTAB14**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**14 inch Tablet**
Model Number	**:**	**Ctab 14**
Report No.	**:**	**CTA25050802507**
Reviewed By	**:**	**Eric Wang**

Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.960	2407.040	2417.000	0.5	PASS
		2437	9.040	2432.000	2441.040	0.5	PASS
		2462	9.480	2457.000	2466.480	0.5	PASS
11G	Ant1	2412	15.720	2404.440	2420.160	0.5	PASS
		2437	15.720	2429.440	2445.160	0.5	PASS
		2462	16.080	2454.080	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.200	2404.440	2420.640	0.5	PASS
		2437	15.880	2429.440	2445.320	0.5	PASS
		2462	16.840	2453.760	2470.600	0.5	PASS
11N40SISO	Ant1	2422	35.520	2404.480	2440.000	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.760	2433.840	2469.600	0.5	PASS

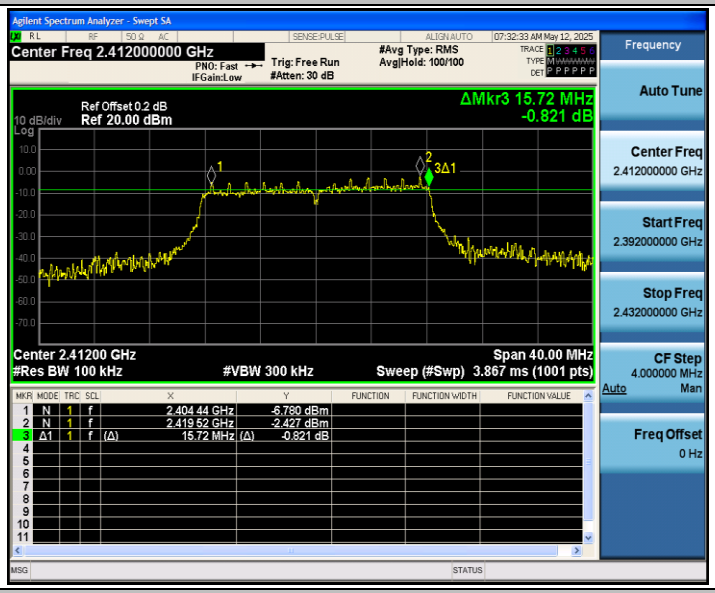
Test Graphs

11B_Ant1_2412

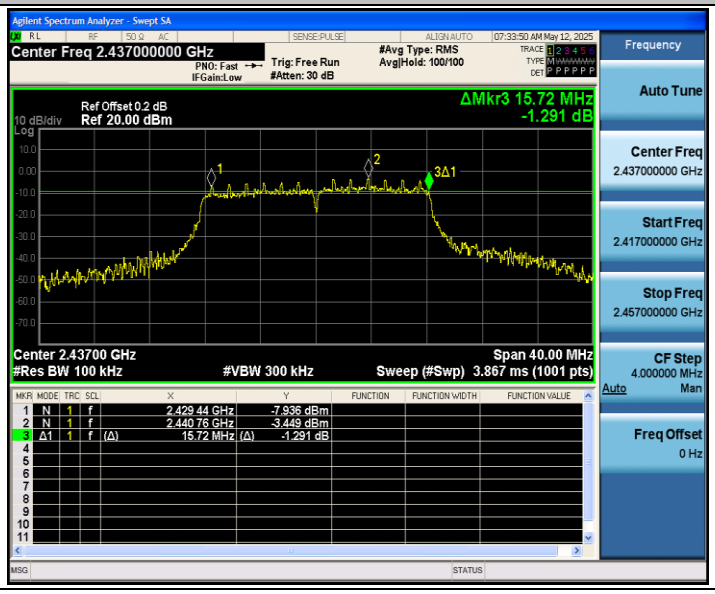
11B_Ant1_2437

11B_Ant1_2462

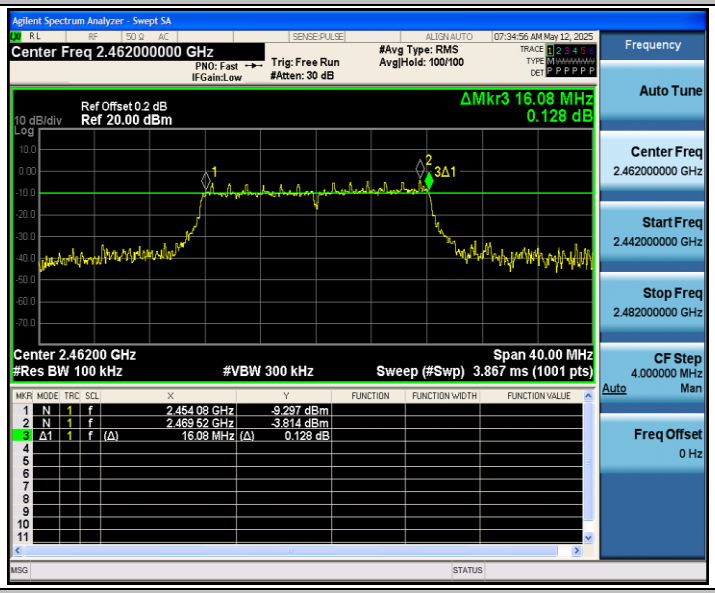
11G_Ant1_2412



11G_Ant1_2437

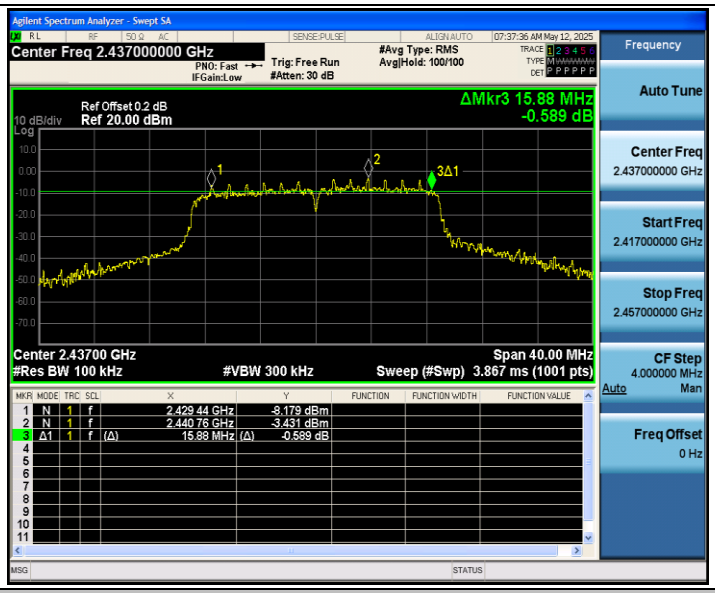


11G_Ant1_2462



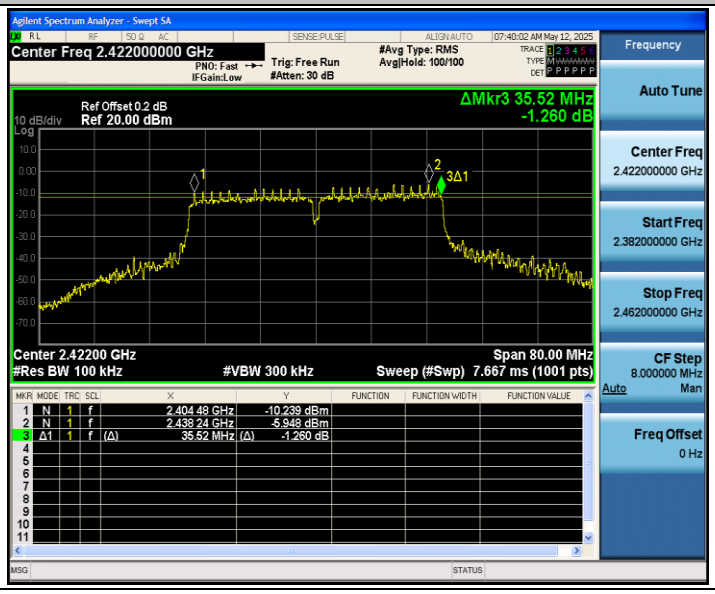
11N20SISO_Ant1_2412

11N20SISO_Ant1_2437

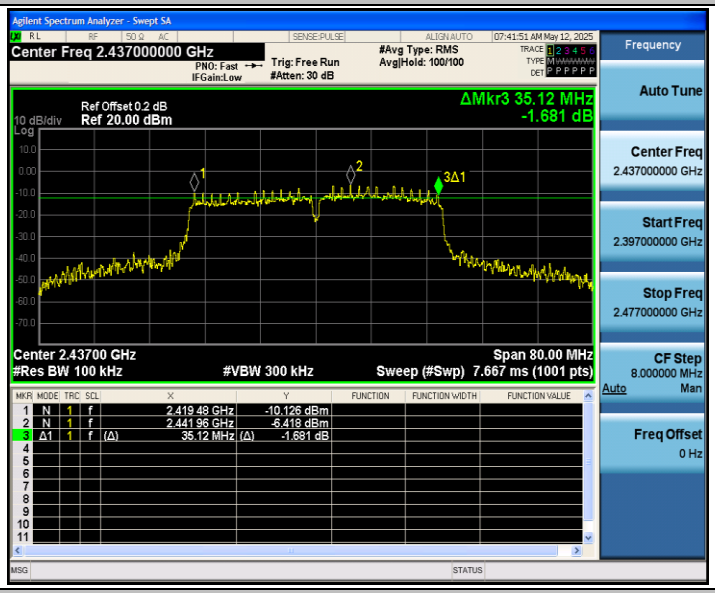


11N20SISO_Ant1_2462

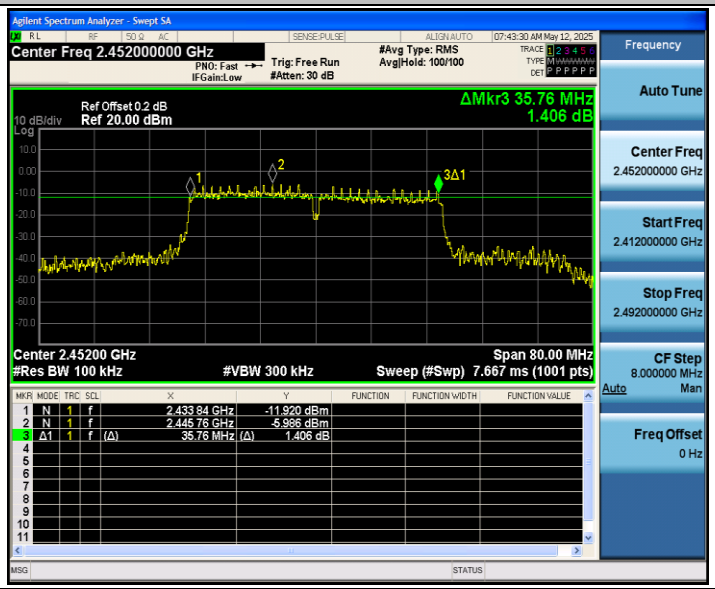
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



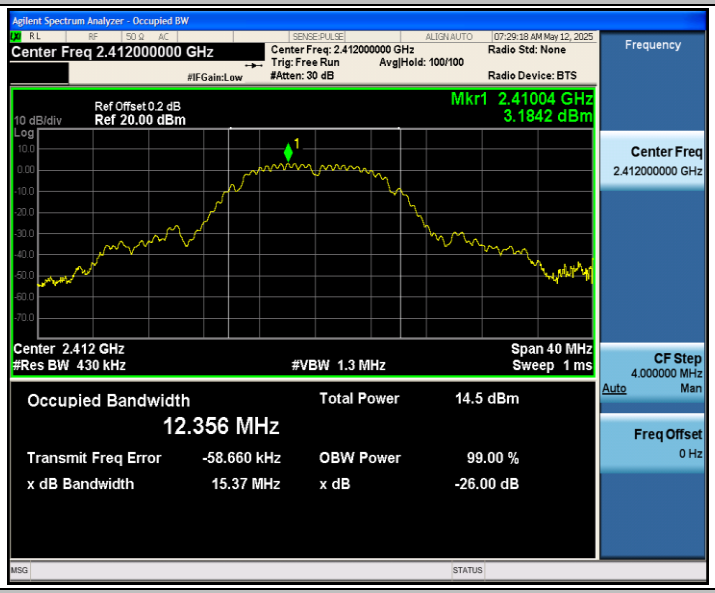
Appendix B: Occupied Channel Bandwidth

Test Result

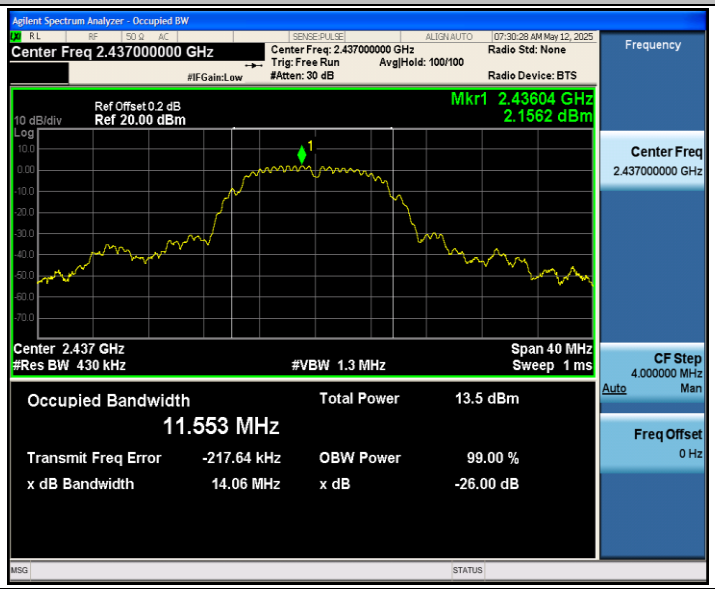
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.356	2405.7633	2418.1193	---	---
		2437	11.553	2431.0059	2442.5589	---	---
		2462	12.705	2455.4500	2468.1550	---	---
11G	Ant1	2412	16.851	2403.7428	2420.5938	---	---
		2437	16.624	2428.8479	2445.4719	---	---
		2462	16.875	2453.6664	2470.5414	---	---
11N20SISO	Ant1	2412	17.977	2403.2246	2421.2016	---	---
		2437	17.682	2428.2858	2445.9678	---	---
		2462	18.018	2453.1190	2471.1370	---	---
11N40SISO	Ant1	2422	36.378	2404.1411	2440.5191	---	---
		2437	36.002	2419.0974	2455.0994	---	---
		2452	36.383	2433.8571	2470.2401	---	---

Test Graphs

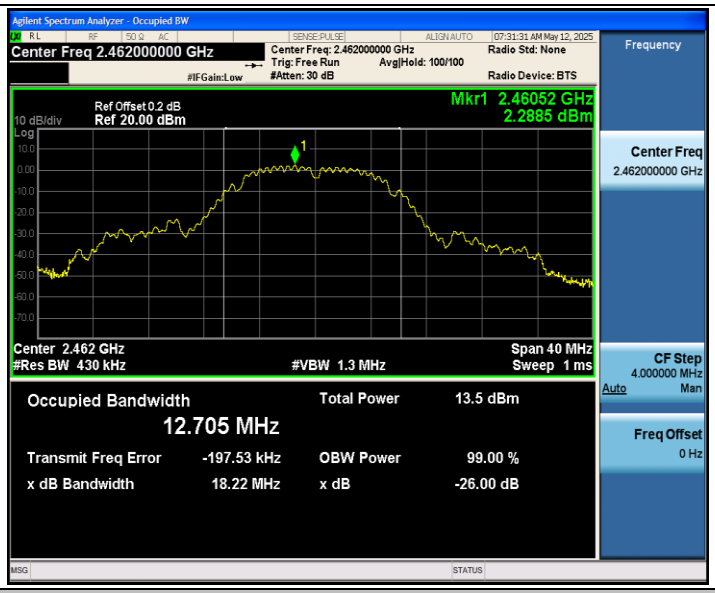
11B_Ant1_2412



11B_Ant1_2437

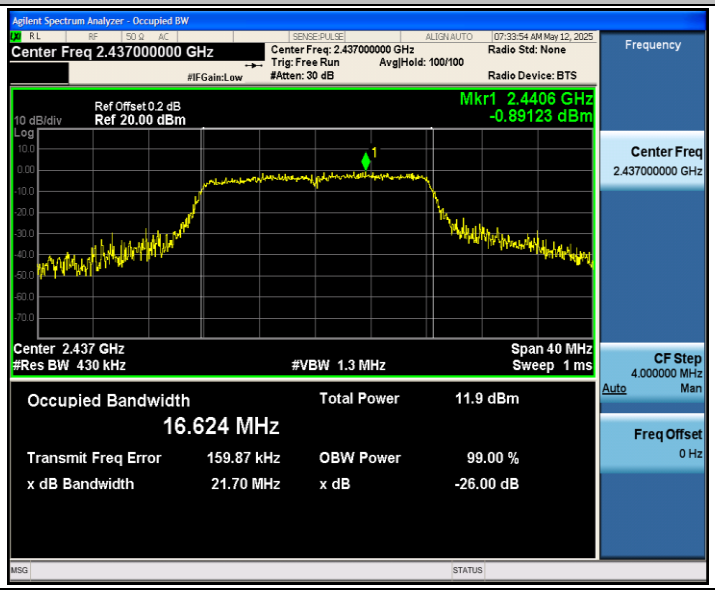


11B_Ant1_2462

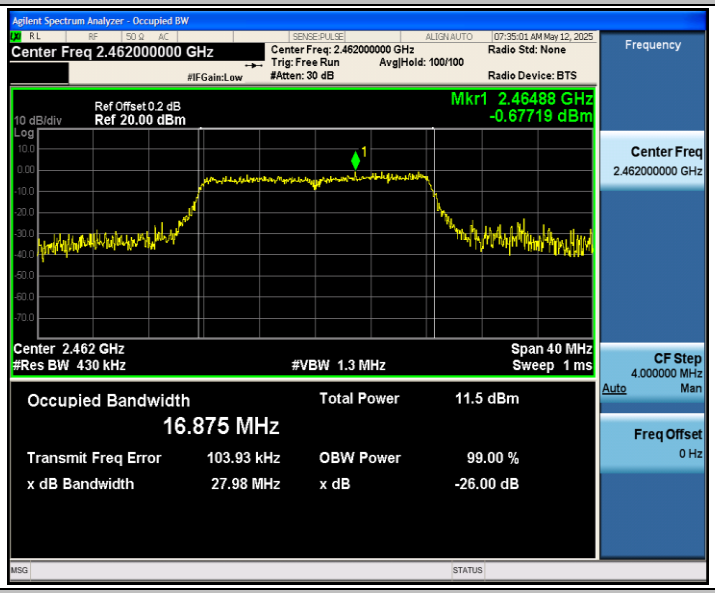


11G_Ant1_2412

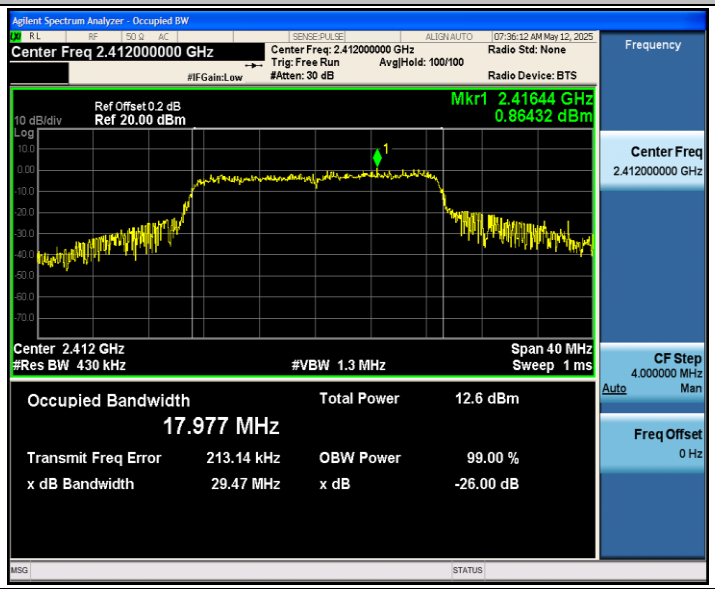
11G_Ant1_2437



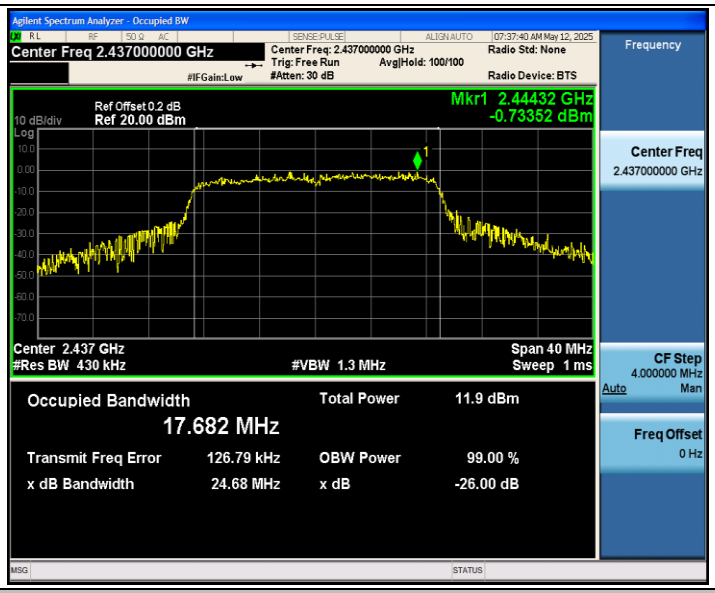
11G_Ant1_2462



11N20SISO_Ant1_2412



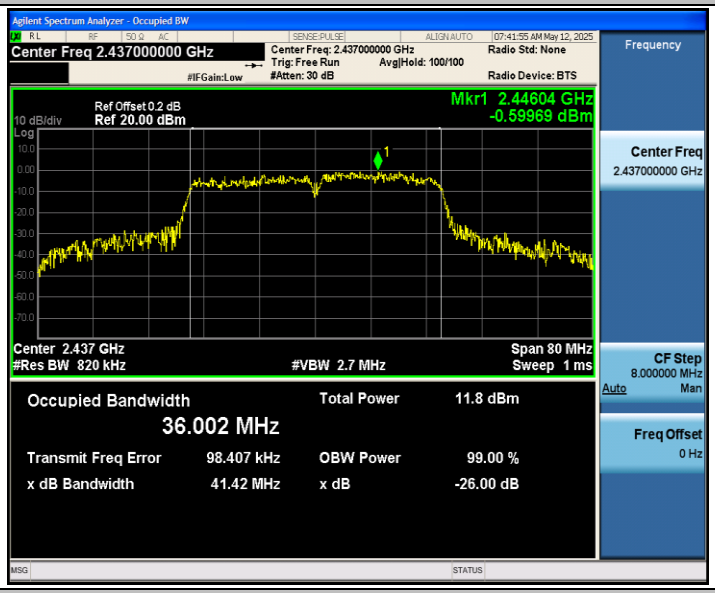
11N20SISO_Ant1_2437



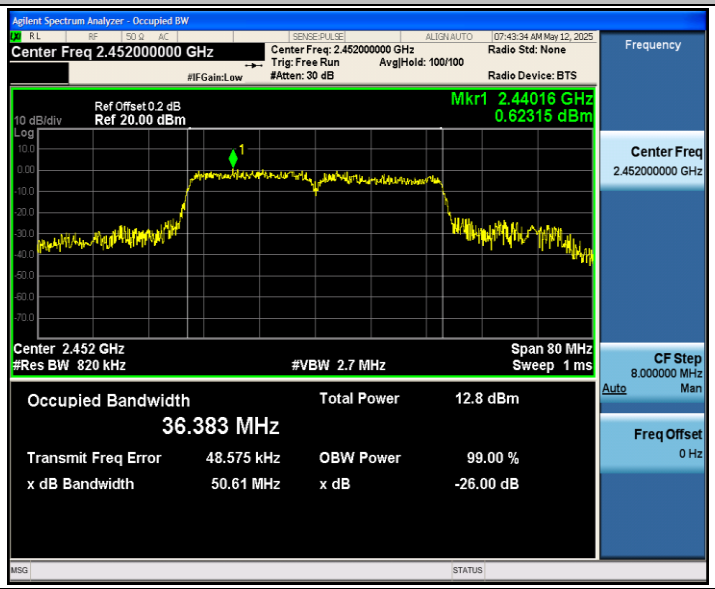
11N20SISO_Ant1_2462

11N40SISO_Ant1_2422

11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C: Maximum conducted output power

Test Result Peak

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	14.53	≤30.00	PASS
		2437	13.25	≤30.00	PASS
		2462	13.38	≤30.00	PASS
11G	Ant1	2412	13.18	≤30.00	PASS
		2437	12.43	≤30.00	PASS
		2462	12.14	≤30.00	PASS
11N20SISO	Ant1	2412	13.35	≤30.00	PASS
		2437	12.38	≤30.00	PASS
		2462	12.09	≤30.00	PASS
11N40SISO	Ant1	2422	12.40	≤30.00	PASS
		2437	11.76	≤30.00	PASS
		2452	12.83	≤30.00	PASS

Appendix D: Maximum power spectral density

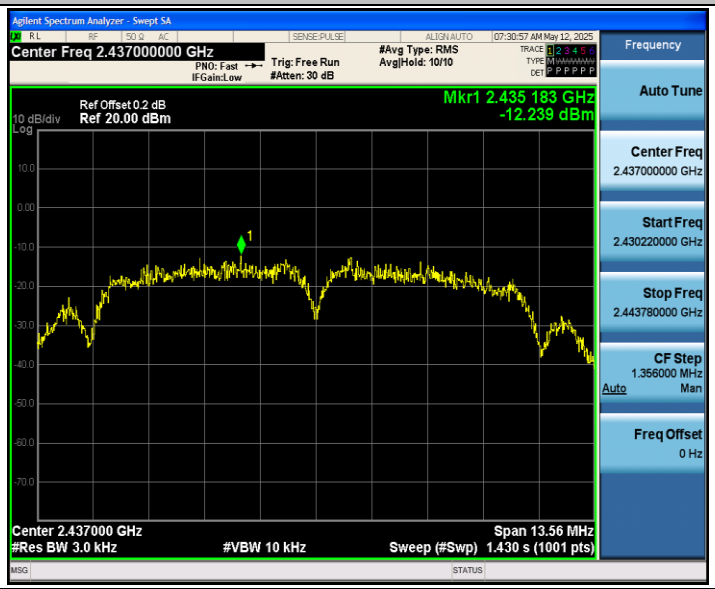
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-10.40	≤8.00	PASS
		2437	-12.24	≤8.00	PASS
		2462	-11.73	≤8.00	PASS
11G	Ant1	2412	-17.21	≤8.00	PASS
		2437	-18.84	≤8.00	PASS
		2462	-20.52	≤8.00	PASS
11N20SISO	Ant1	2412	-18.76	≤8.00	PASS
		2437	-20.36	≤8.00	PASS
		2462	-19.99	≤8.00	PASS
11N40SISO	Ant1	2422	-21.65	≤8.00	PASS
		2437	-22.32	≤8.00	PASS
		2452	-21.72	≤8.00	PASS

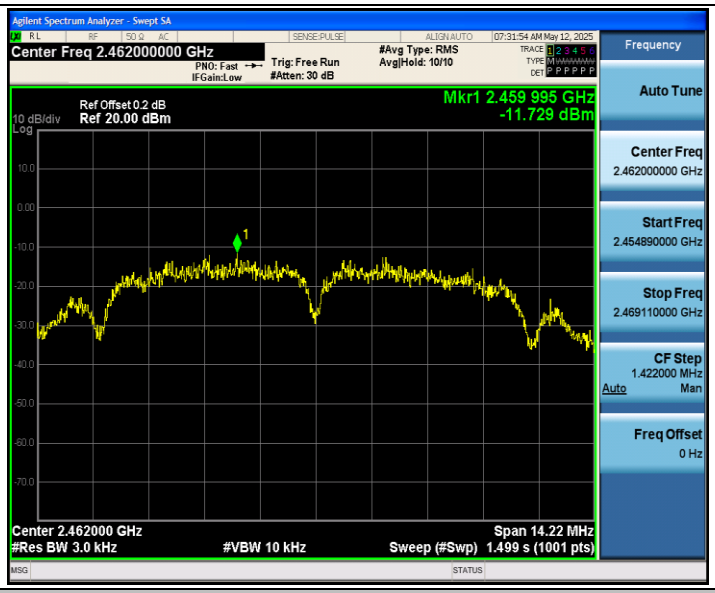
Test Graphs

11B_Ant1_2412

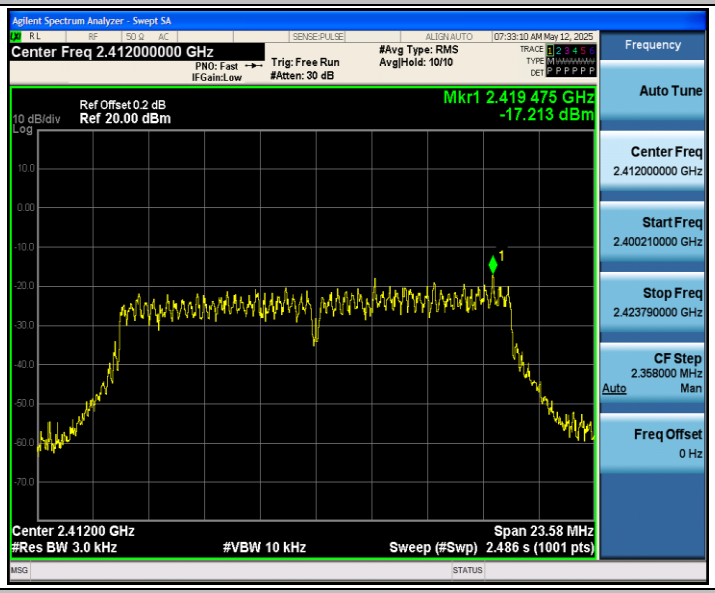
11B_Ant1_2437



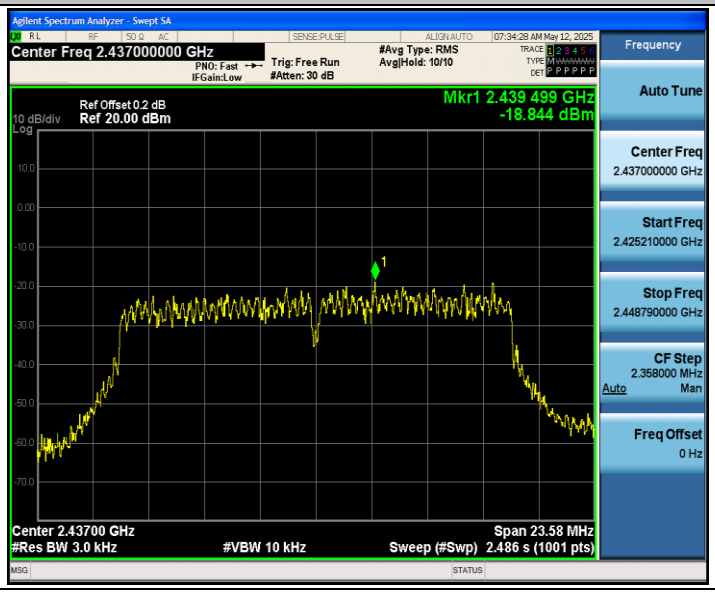
11B_Ant1_2462



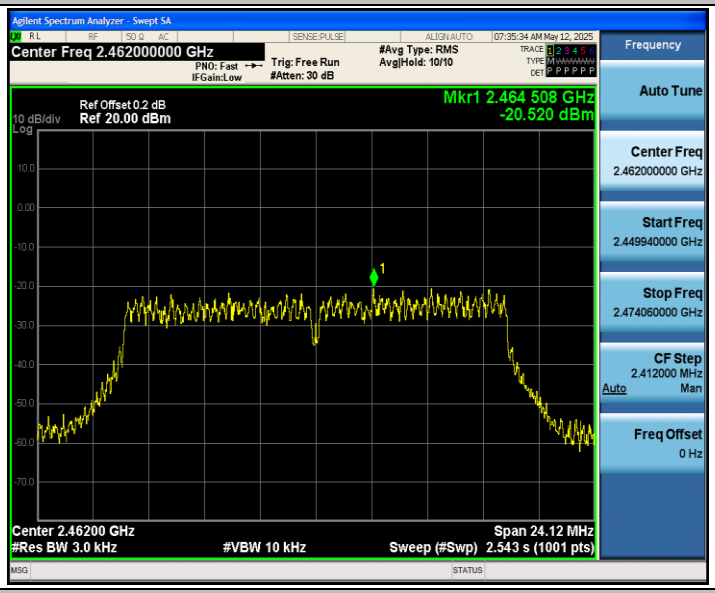
11G_Ant1_2412



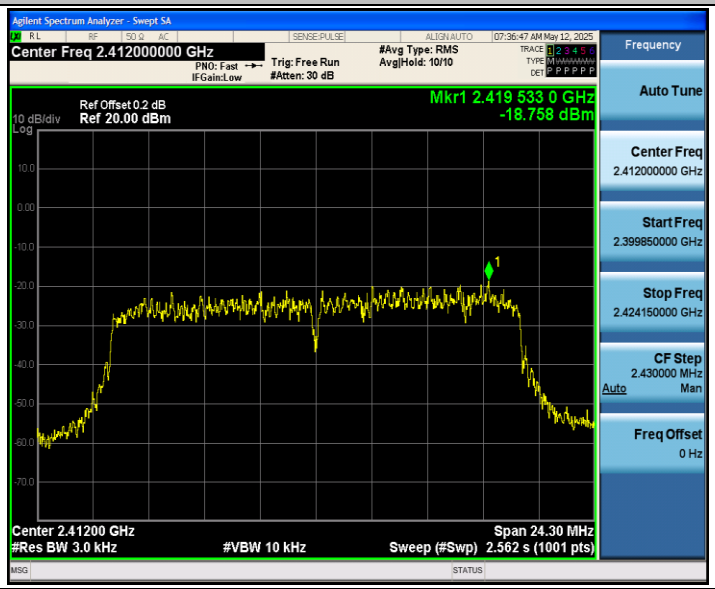
11G_Ant1_2437



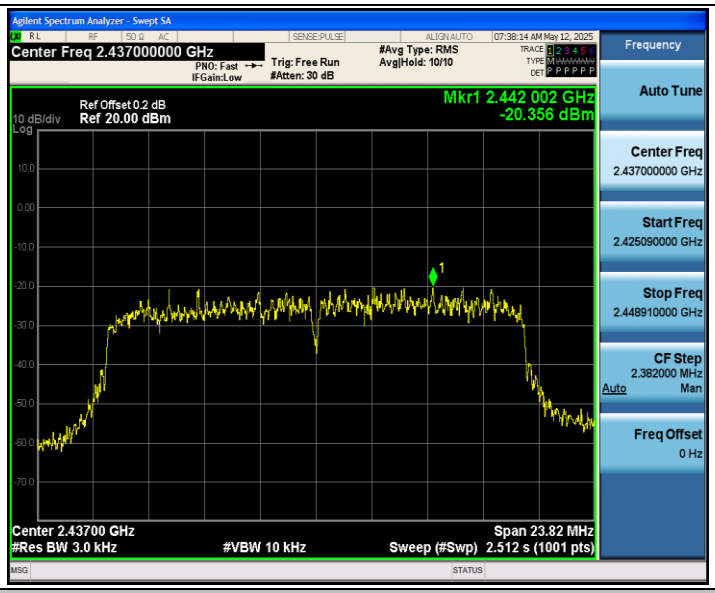
11G_Ant1_2462



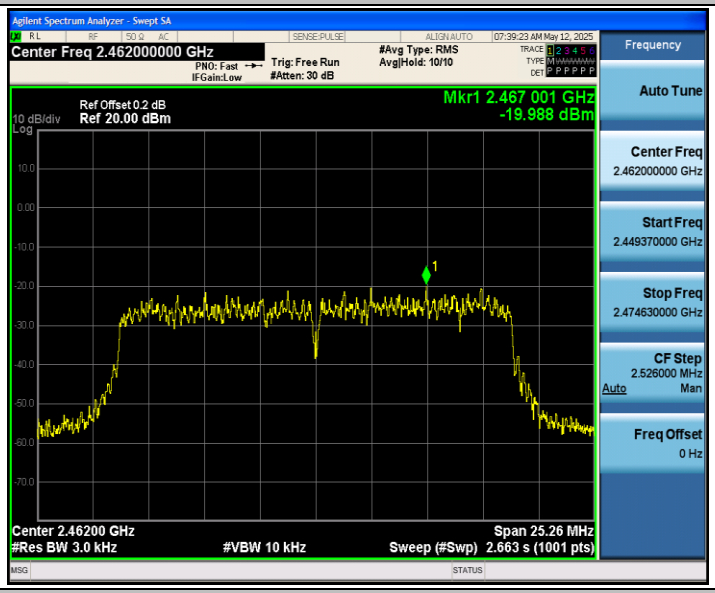
11N20SISO_Ant1_2412



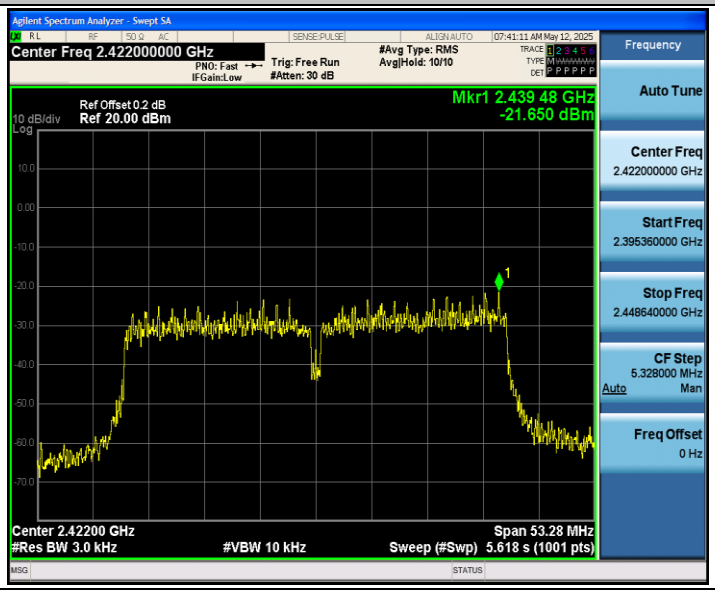
11N20SISO_Ant1_2437

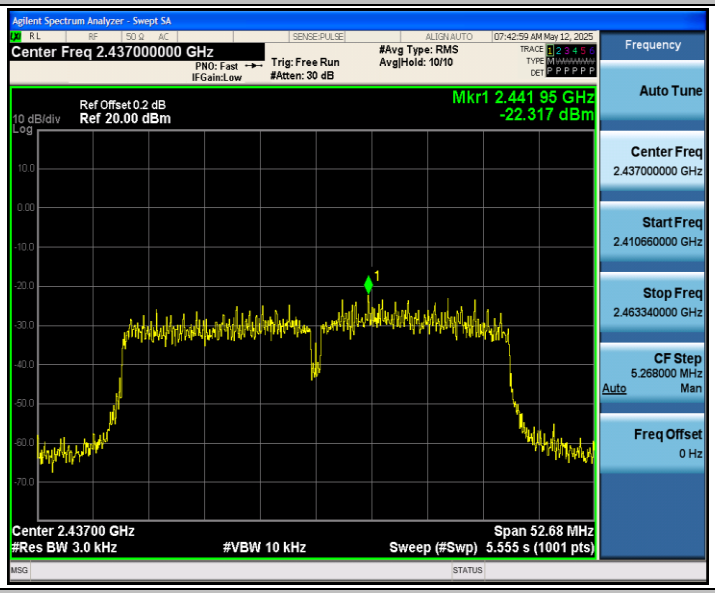


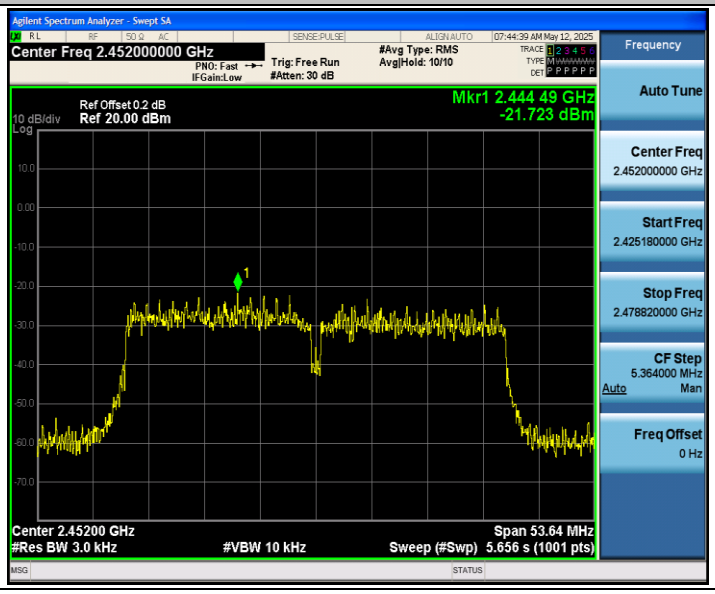
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437


11N40SISO_Ant1_2452


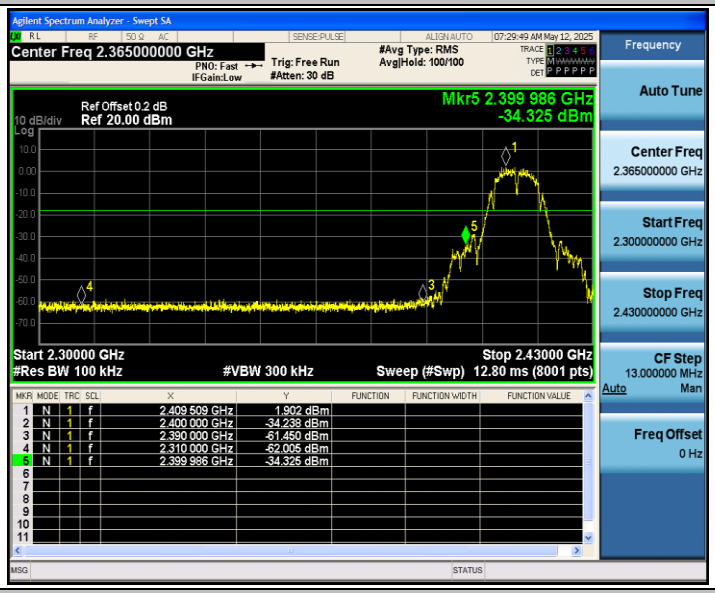
Appendix E: Band edge measurements

Test Result

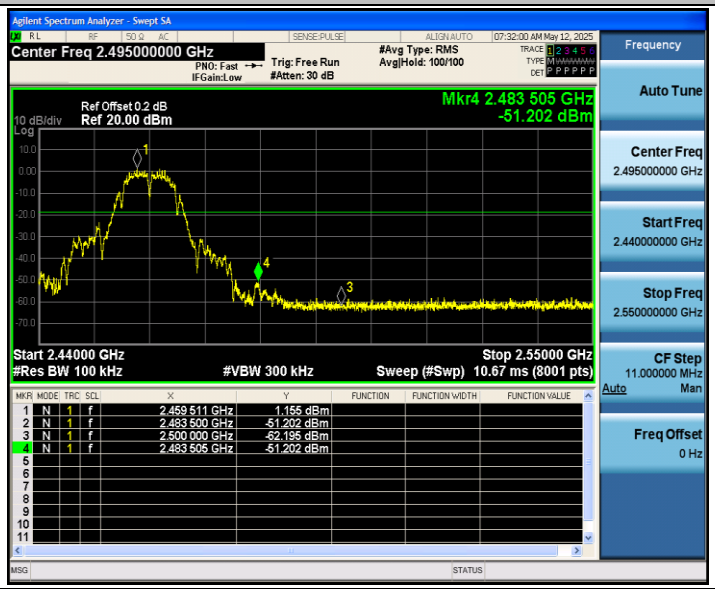
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	1.90	-34.33	≤-18.1	PASS
		High	2462	1.16	-51.2	≤-18.85	PASS
11G	Ant1	Low	2412	-2.49	-35.7	≤-22.49	PASS
		High	2462	-3.79	-38.52	≤-23.79	PASS
11N20SISO	Ant1	Low	2412	-2.70	-34.5	≤-22.7	PASS
		High	2462	-3.88	-39.54	≤-23.88	PASS
11N40SISO	Ant1	Low	2422	-5.77	-39.47	≤-25.77	PASS
		High	2452	-5.84	-36.44	≤-25.84	PASS

Test Graphs

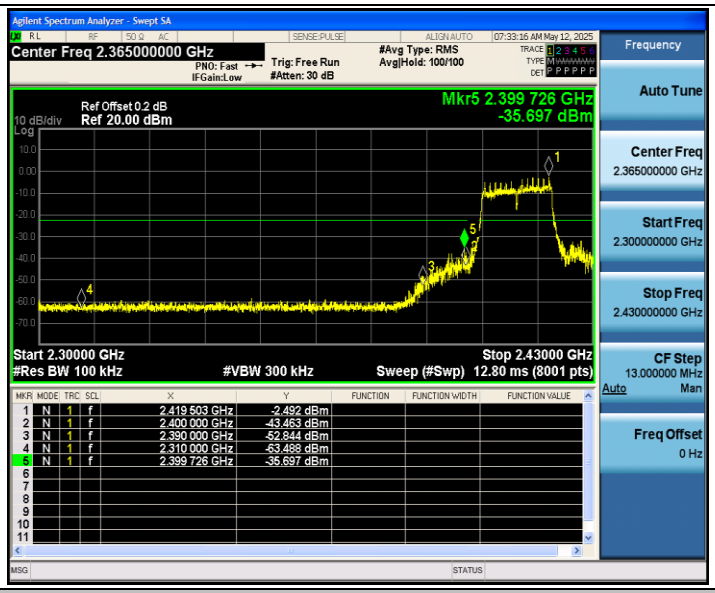
11B_Ant1_Low_2412



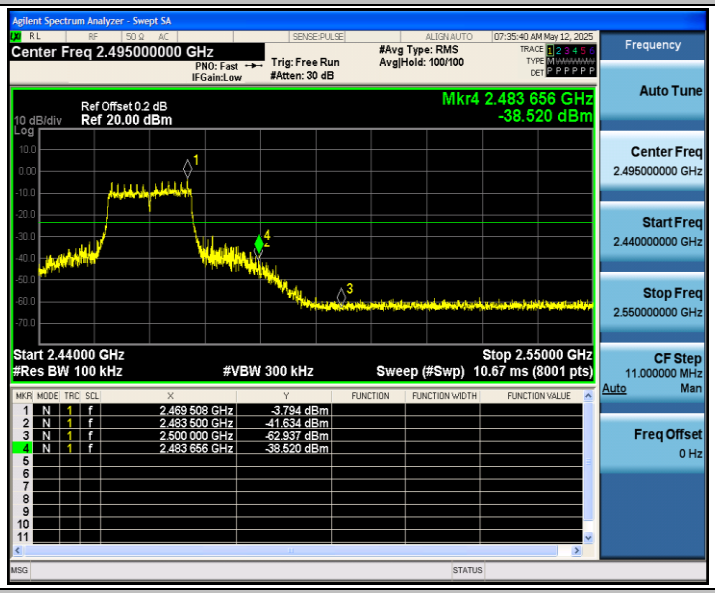
11B_Ant1_High_2462



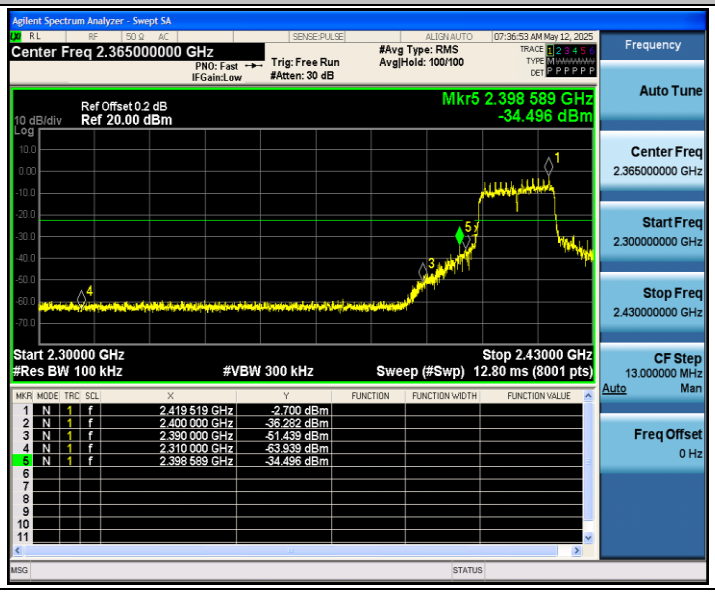
11G_Ant1_Low_2412



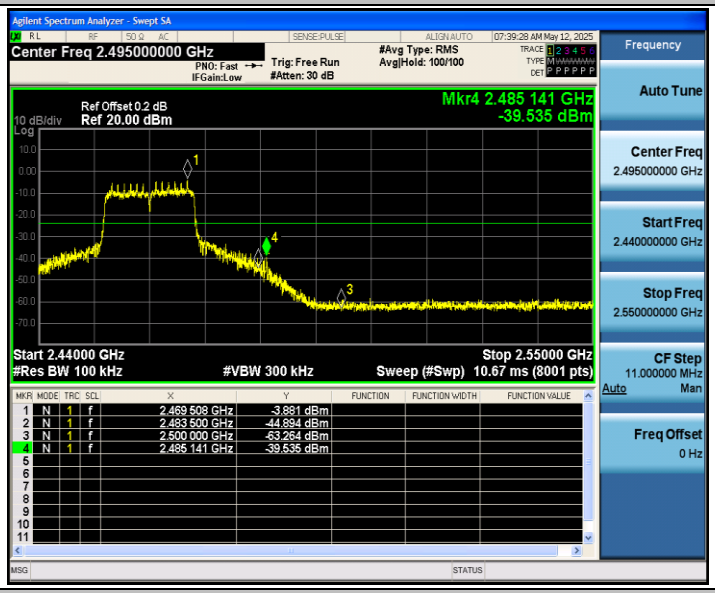
11G_Ant1_High_2462



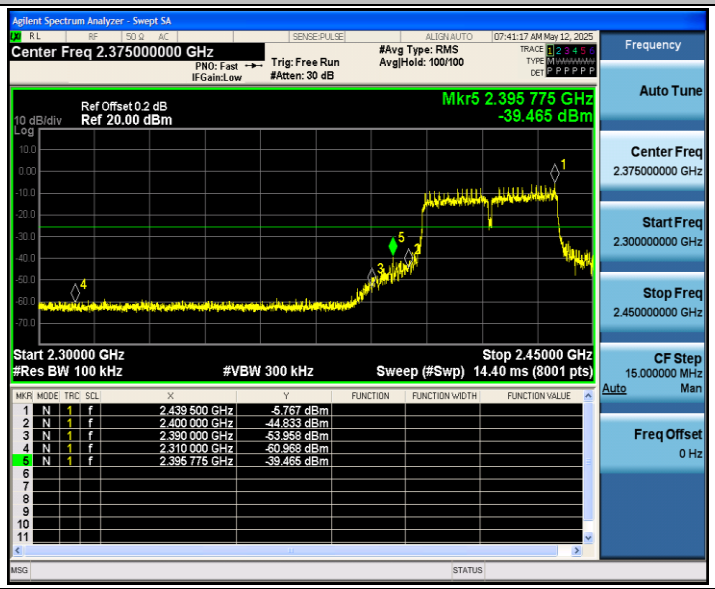
11N20SISO_Ant1_Low_2412



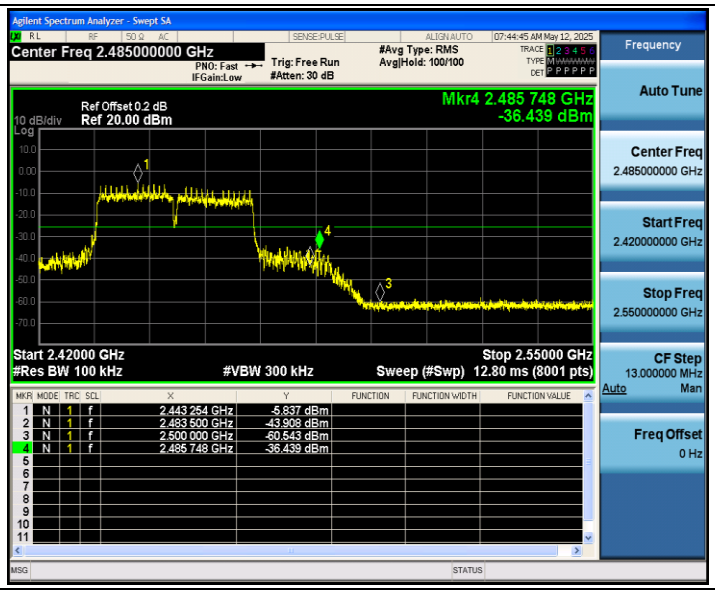
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452


Agilent Spectrum Analyzer - Swept SA
Center Freq 2.485000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 30 dB
#Avg Type: RMS
Avg|Hold: 100/100
07:44:45 AM May 12, 2025
Ref Offset 0.2 dB
10 dB/div
Ref 20.00 dBm
Log
Mkr4 2.485 748 GHz
-36.439 dBm
Start 2.42000 GHz
#Res BW 100 kHz
#VBW 300 kHz
Stop 2.55000 GHz
Sweep (#Swp) 12.80 ms (8001 pts)
1 N 1 f 2.443 254 GHz -5.837 dBm
2 N 1 f 2.483 500 GHz -43.908 dBm
3 N 1 f 2.500 000 GHz -60.543 dBm
4 N 1 f 2.485 748 GHz -36.439 dBm
Frequency
Auto Tune
Center Freq
2.485000000 GHz
Start Freq
2.420000000 GHz
Stop Freq
2.550000000 GHz
CF Step
13.000000 MHz
Auto
Man
Freq Offset
0 Hz

Appendix F: Conducted Spurious Emission

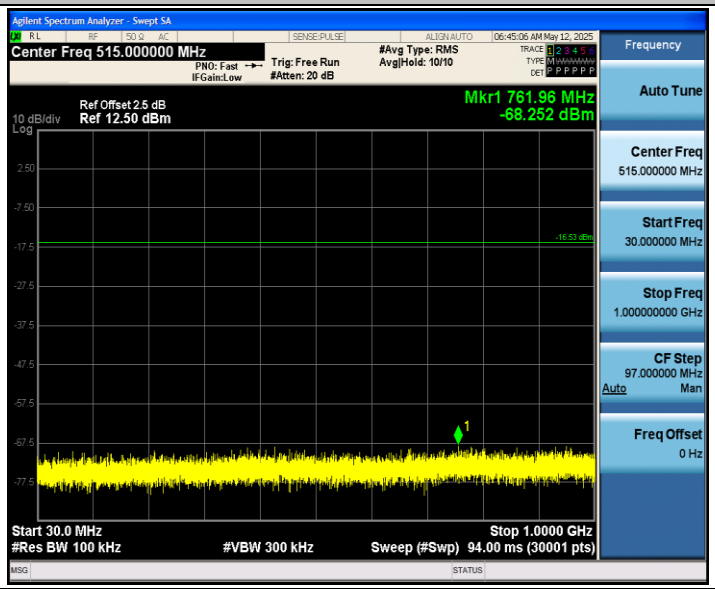
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	3.47	3.47	---	PASS
			30~1000	3.47	-68.25	≤-16.53	PASS
			1000~26500	3.47	-38.93	≤-16.53	PASS
		2437	Reference	2.03	2.03	---	PASS
			30~1000	2.03	-67.47	≤-17.97	PASS
			1000~26500	2.03	-36.16	≤-17.97	PASS
		2462	Reference	2.27	2.27	---	PASS
			30~1000	2.27	-67.7	≤-17.73	PASS
			1000~26500	2.27	-30.41	≤-17.73	PASS
11G	Ant1	2412	Reference	-1.01	-1.01	---	PASS
			30~1000	-1.01	-67.78	≤-21.01	PASS
			1000~26500	-1.01	-50.75	≤-21.01	PASS
		2437	Reference	-1.80	-1.80	---	PASS
			30~1000	-1.80	-67.63	≤-21.8	PASS
			1000~26500	-1.80	-51.86	≤-21.8	PASS
		2462	Reference	-2.35	-2.35	---	PASS
			30~1000	-2.35	-68.16	≤-22.35	PASS
			1000~26500	-2.35	-45.38	≤-22.35	PASS
11N20SISO	Ant1	2412	Reference	-0.05	-0.05	---	PASS
			30~1000	-0.05	-67.93	≤-20.05	PASS
			1000~26500	-0.05	-52.8	≤-20.05	PASS
		2437	Reference	-1.25	-1.25	---	PASS
			30~1000	-1.25	-68.61	≤-21.25	PASS
			1000~26500	-1.25	-48.97	≤-21.25	PASS
		2462	Reference	-2.82	-2.82	---	PASS
			30~1000	-2.82	-67.59	≤-22.82	PASS
			1000~26500	-2.82	-41.8	≤-22.82	PASS
11N40SISO	Ant1	2422	Reference	-4.11	-4.11	---	PASS
			30~1000	-4.11	-68.3	≤-24.11	PASS
			1000~26500	-4.11	-50.03	≤-24.11	PASS
		2437	Reference	-4.66	-4.66	---	PASS
			30~1000	-4.66	-67.97	≤-24.66	PASS
			1000~26500	-4.66	-44.64	≤-24.66	PASS
		2452	Reference	-3.71	-3.71	---	PASS
			30~1000	-3.71	-67.39	≤-23.71	PASS
			1000~26500	-3.71	-42.64	≤-23.71	PASS

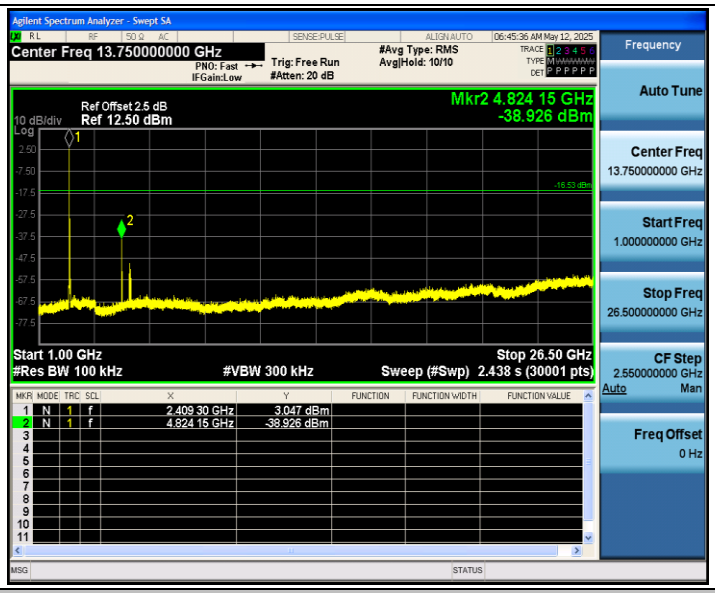
Test Graphs

11B_Ant1_2412_0~Reference

11B_Ant1_2412_30~1000

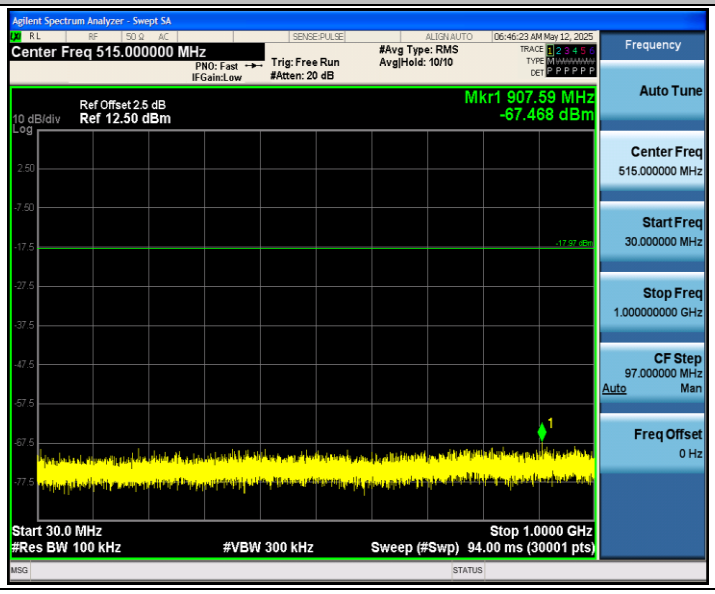


11B_Ant1_2412_1000~26500

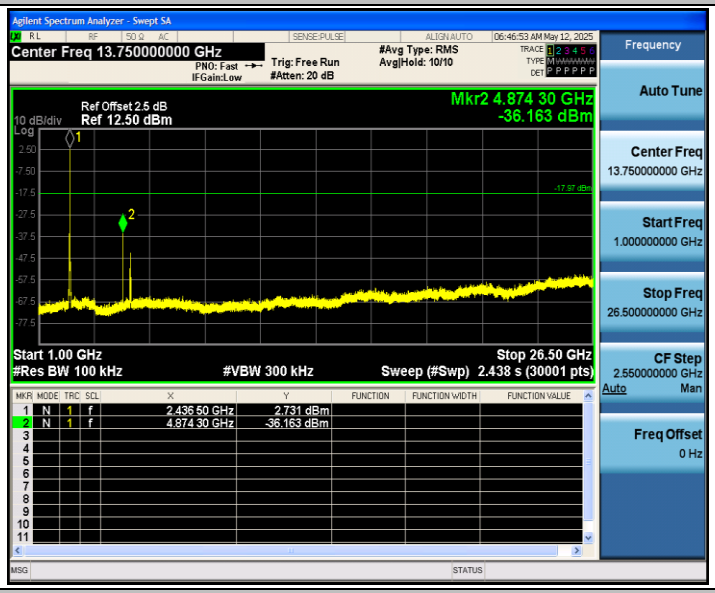


11B_Ant1_2437_0~Reference

11B_Ant1_2437_30~1000

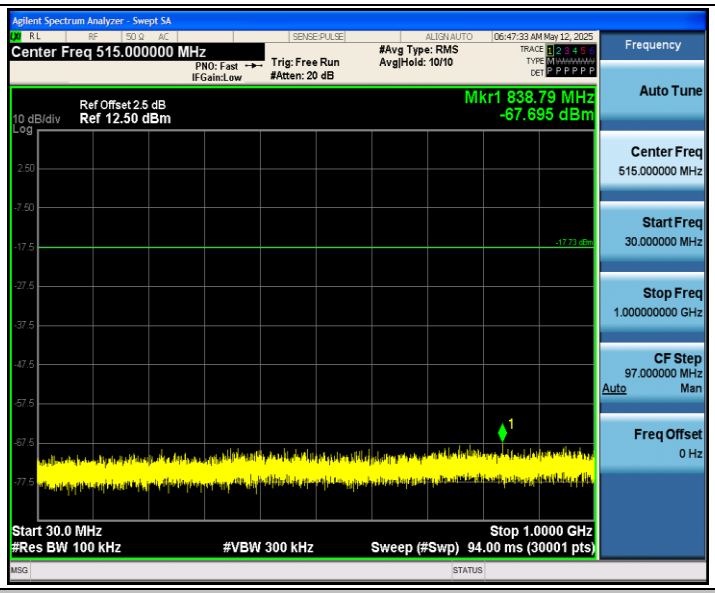


11B_Ant1_2437_1000~26500

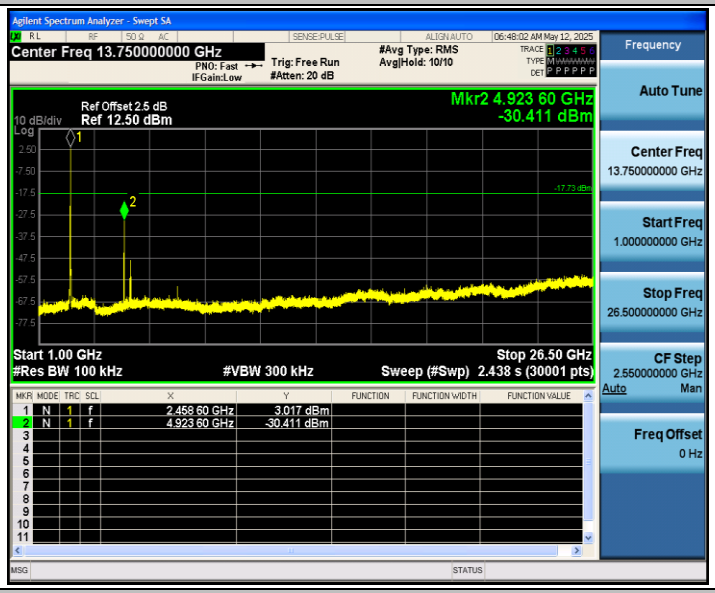


11B_Ant1_2462_0~Reference

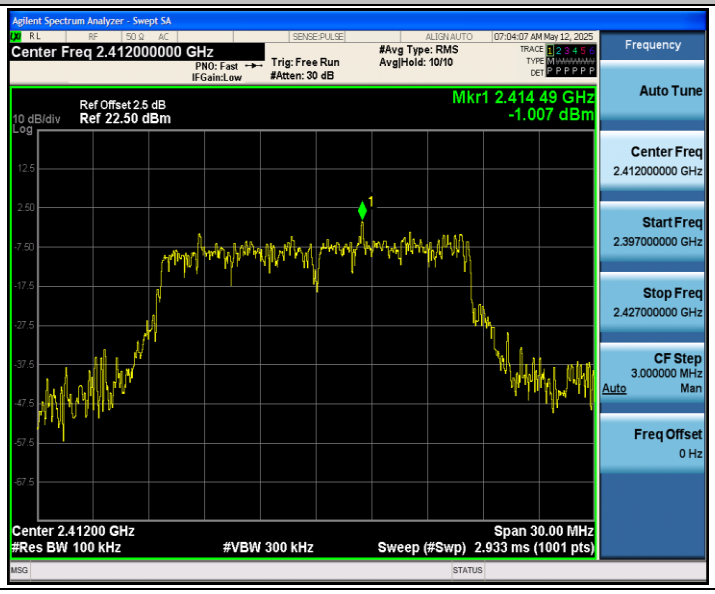
11B_Ant1_2462_30~1000



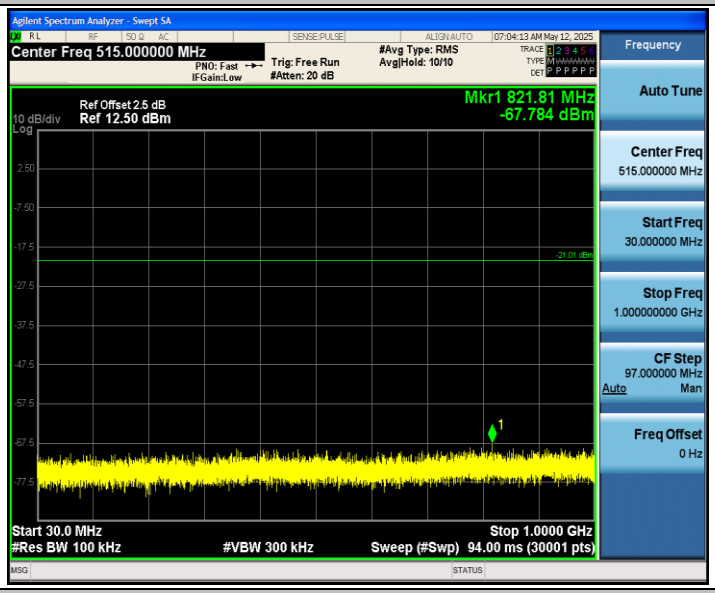
11B_Ant1_2462_1000~26500



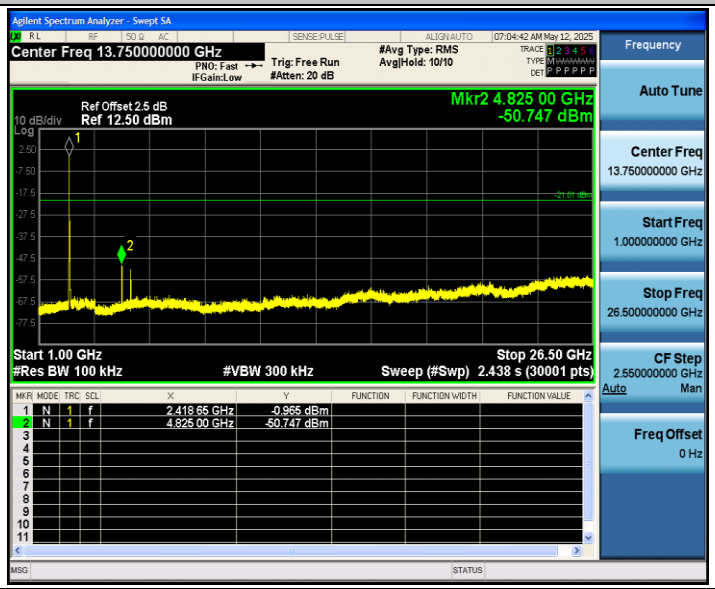
11G_Ant1_2412_0~Reference



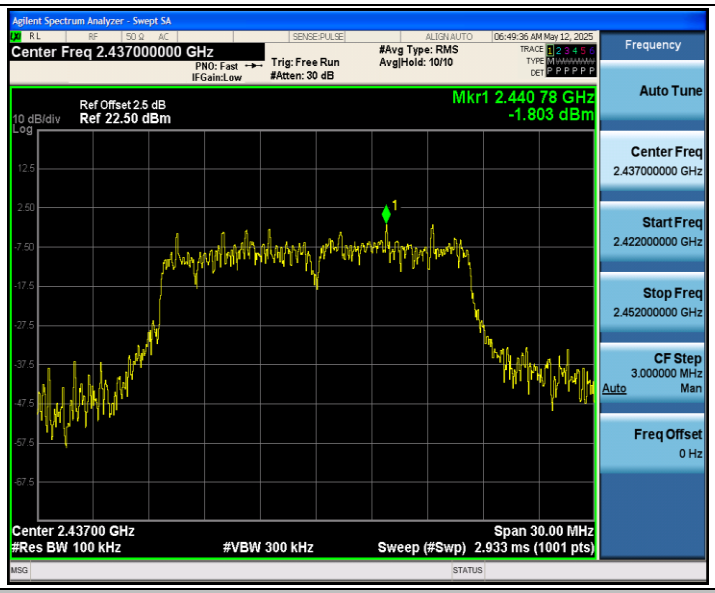
11G_Ant1_2412_30~1000



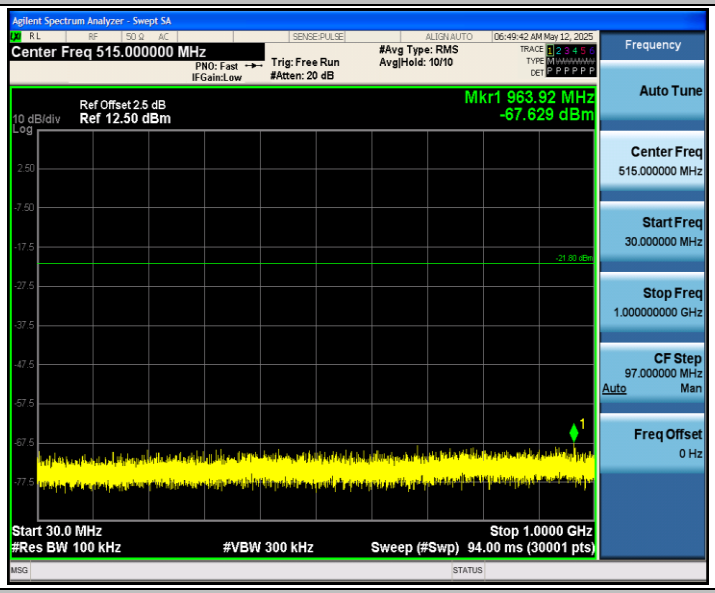
11G_Ant1_2412_1000~26500



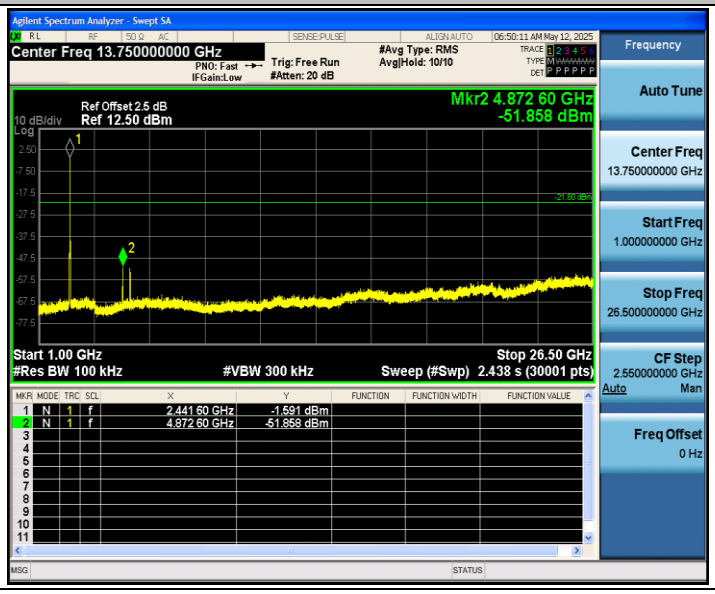
11G_Ant1_2437_0~Reference



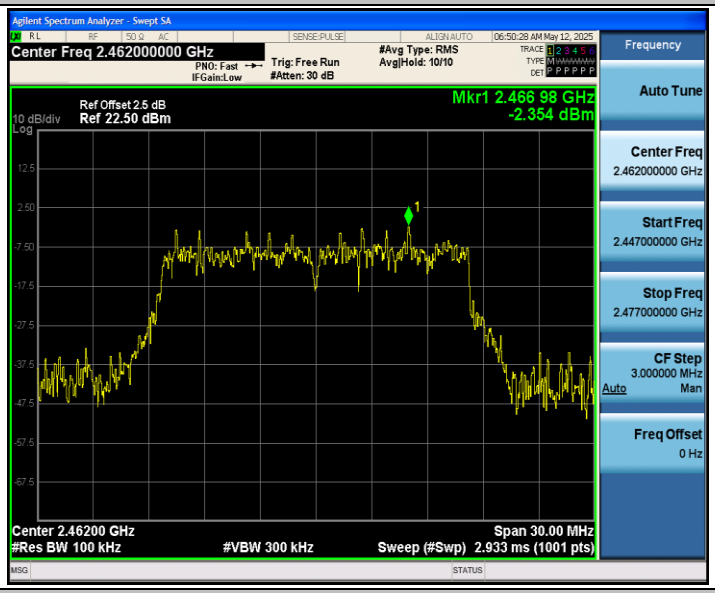
11G_Ant1_2437_30~1000



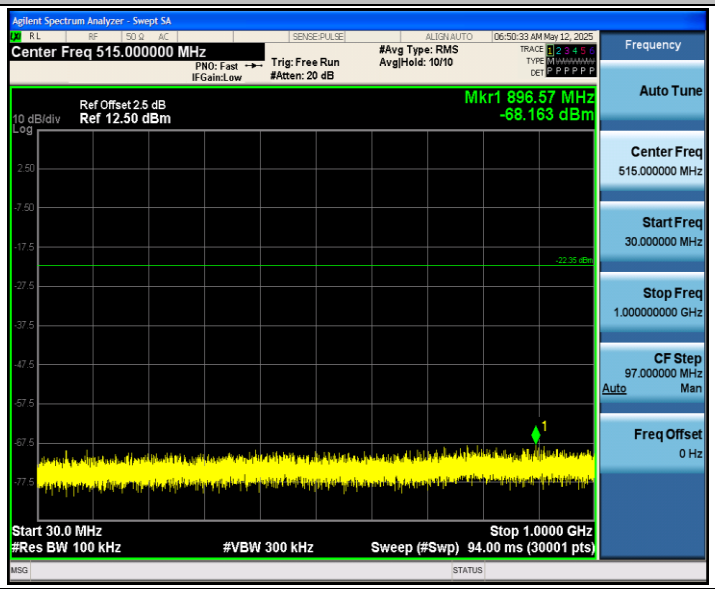
11G_Ant1_2437_1000~26500



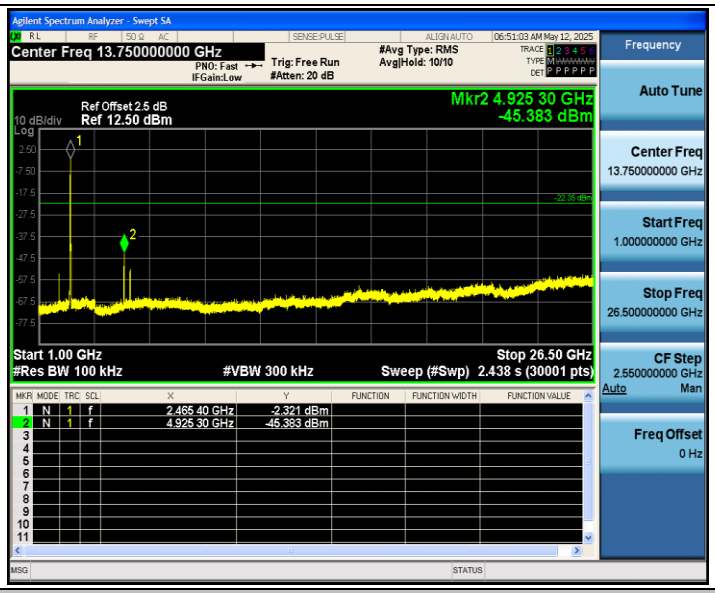
11G_Ant1_2462_0~Reference



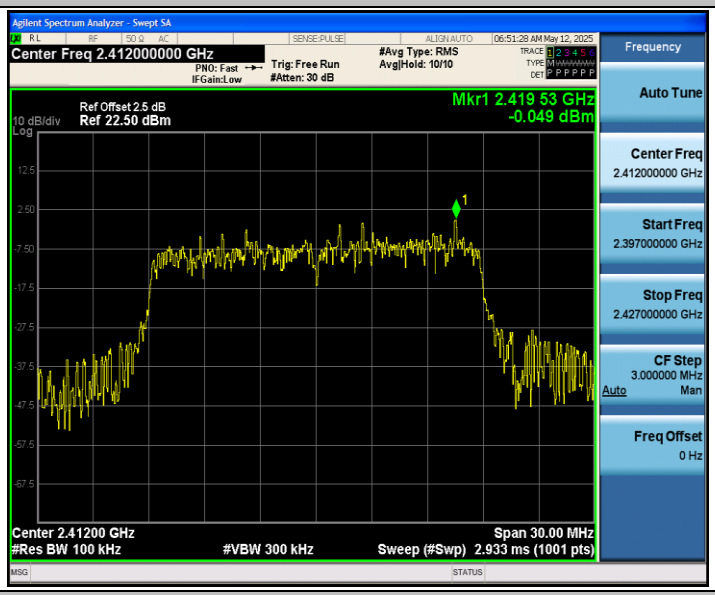
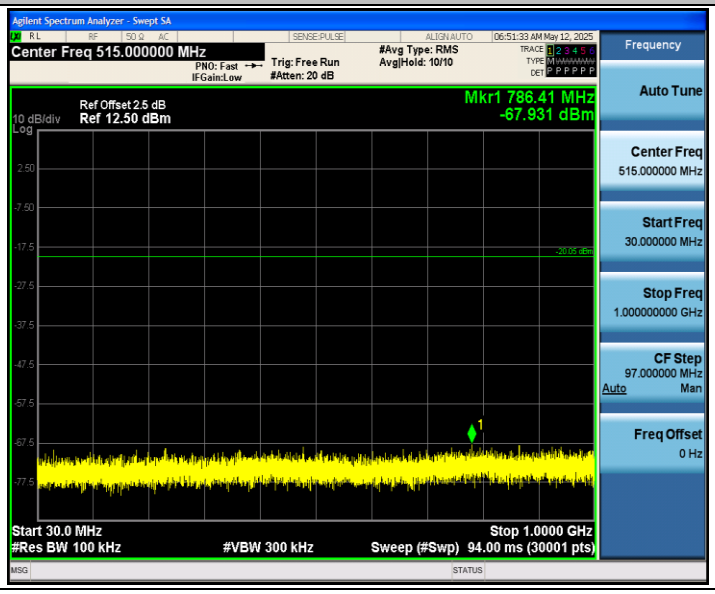
11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000