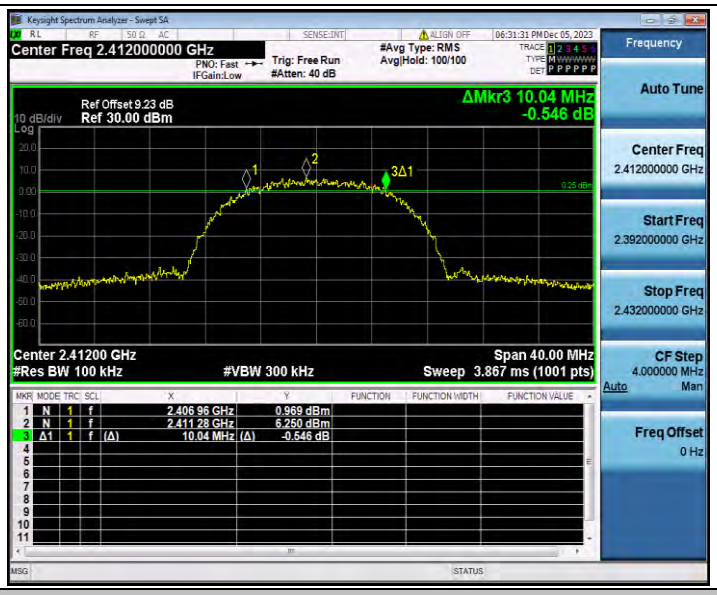
Case No. : GTS20231012003-1-4	
Ambient Condition: 23 ℃, 49 %RH, Atmos100.1Kpa,	
Test Date: 2023.12.5	**Test Engineer:** Evan ouyang

Appendix C.1: DTS Bandwidth

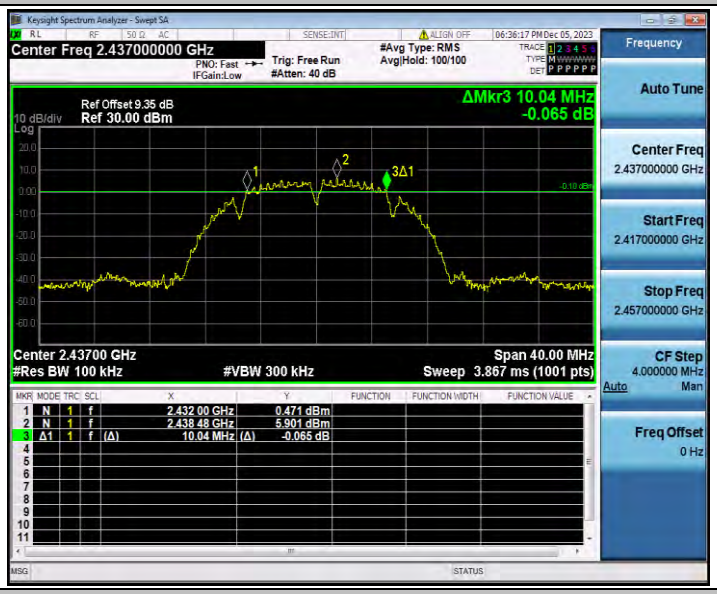
Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.040	2432.000	2442.040	0.5	PASS
		2462	10.000	2457.000	2467.000	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.560	2428.720	2445.280	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.160	2420.840	0.5	PASS
		2437	17.640	2428.200	2445.840	0.5	PASS
		2462	17.600	2453.240	2470.840	0.5	PASS
11N40SISO	Ant1	2422	36.080	2413.840	2449.920	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.400	2433.840	2470.240	0.5	PASS

Test Graphs

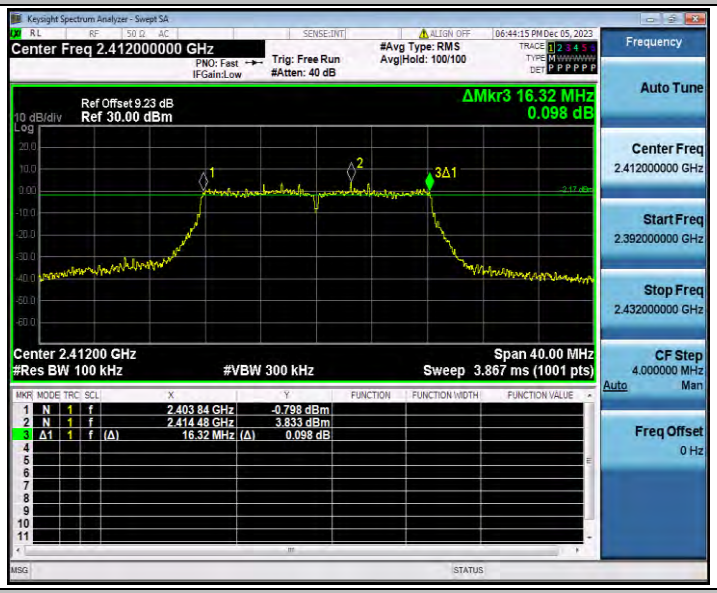


11B_Ant1_2412

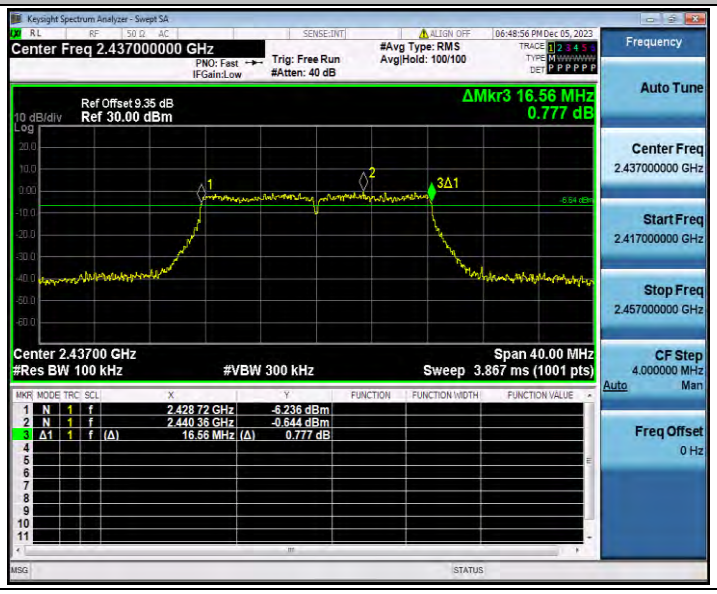


11B_Ant1_2437

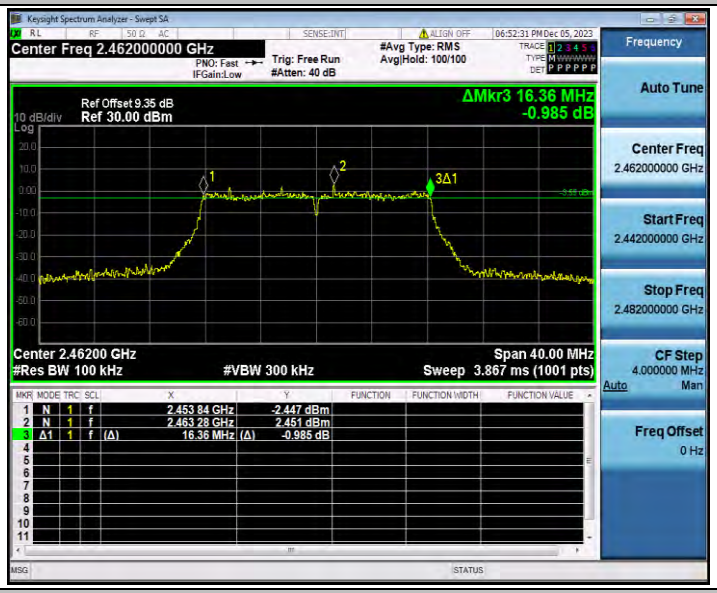
11B_Ant1_2462



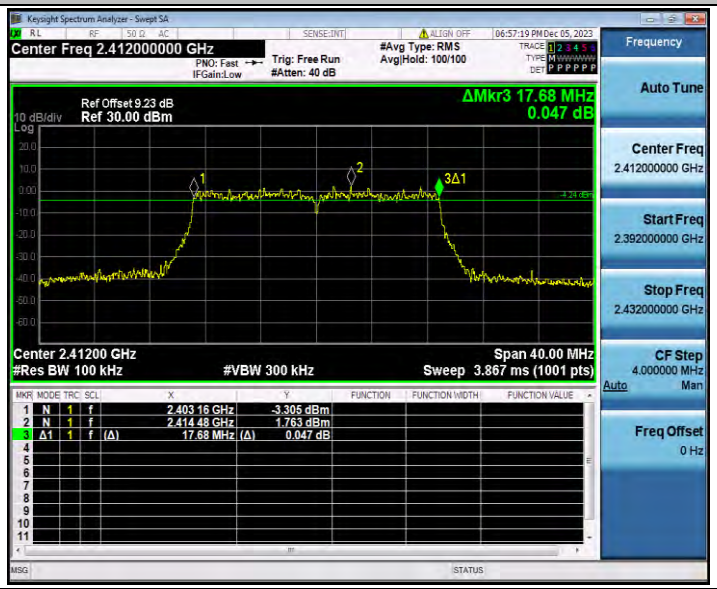
11G_Ant1_2412



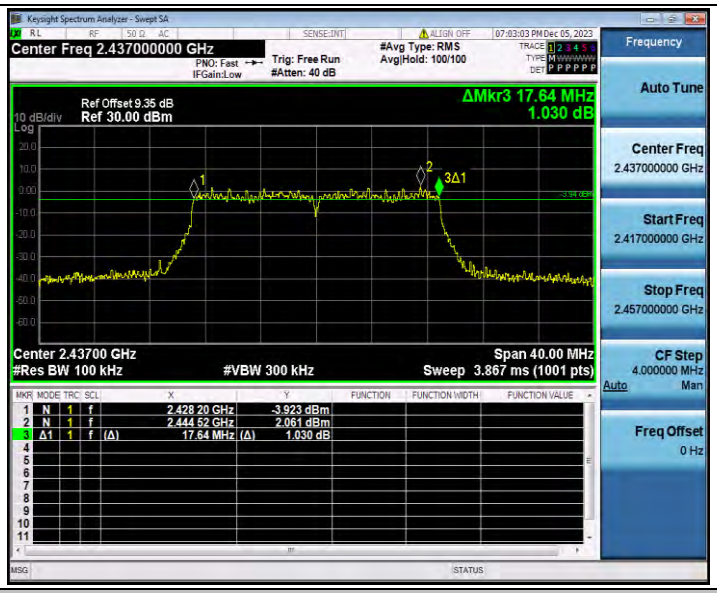
11G_Ant1_2437



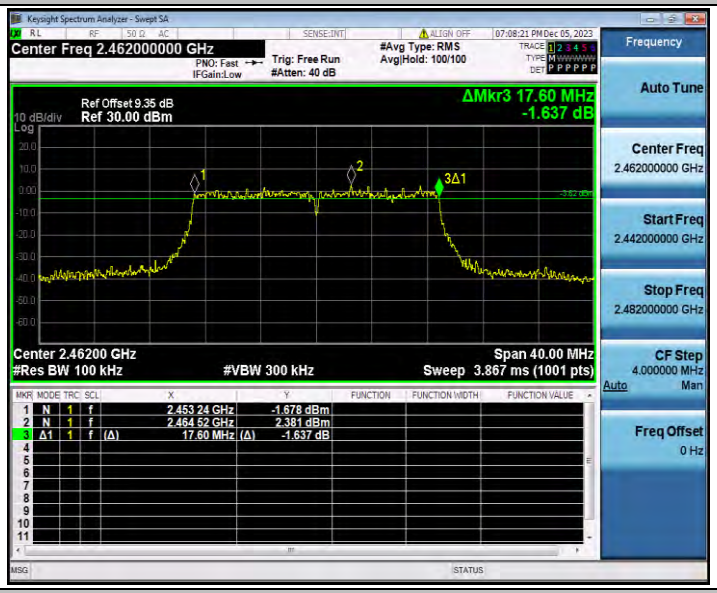
11G_Ant1_2462



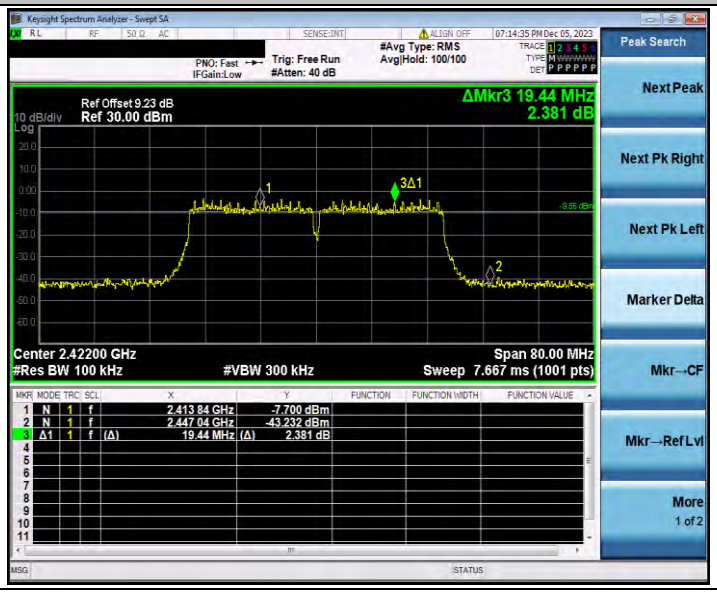
11N20SISO_Ant1_2412



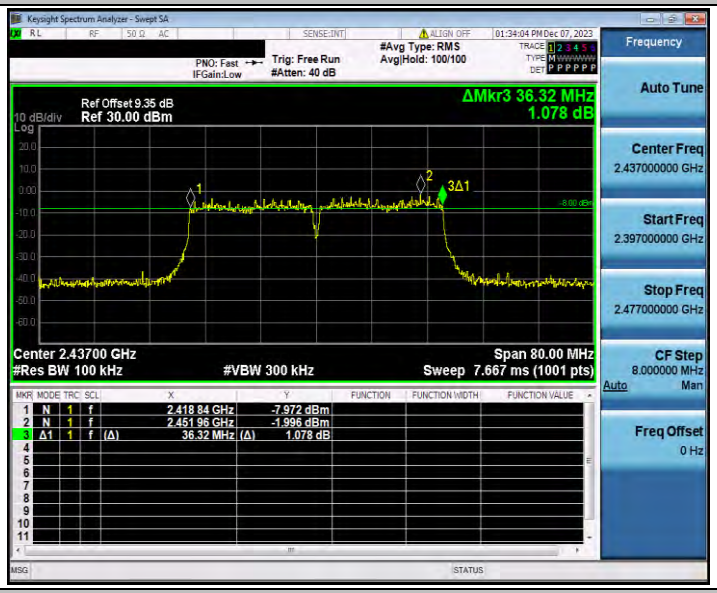
11N20SISO_Ant1_2437



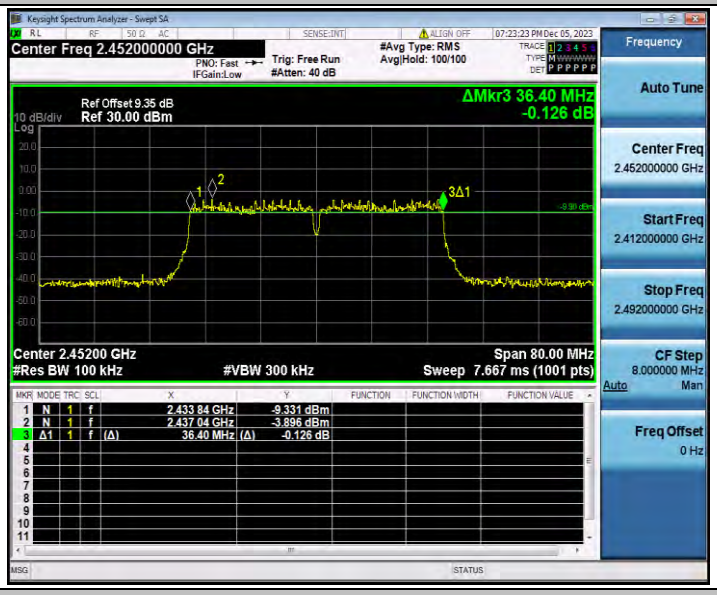
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452

Appendix C.2: Occupied Channel Bandwidth

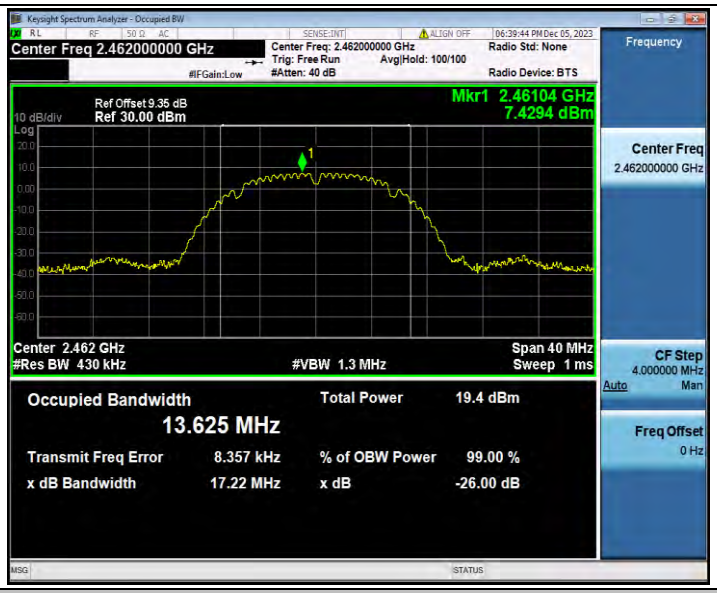
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.395	2405.317	2418.712	---	---
		2437	13.665	2430.196	2443.861	---	---
		2462	13.625	2455.196	2468.821	---	---
11G	Ant1	2412	16.991	2403.499	2420.490	---	---
		2437	16.933	2428.519	2445.452	---	---
		2462	17.001	2453.532	2470.533	---	---
11N20SISO	Ant1	2412	17.888	2403.056	2420.944	---	---
		2437	17.858	2428.086	2445.944	---	---
		2462	17.808	2453.112	2470.920	---	---
11N40SISO	Ant1	2422	36.487	2403.768	2440.255	---	---
		2437	36.419	2418.856	2455.275	---	---
		2452	36.354	2433.871	2470.225	---	---

Test Graphs

11B_Ant1_2412

11B_Ant1_2437



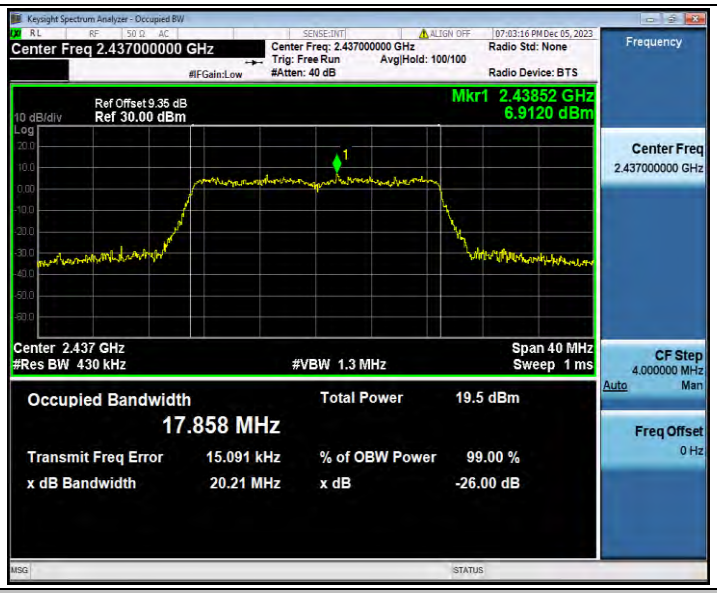
11B_Ant1_2462

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.3: Maximum conducted output power

Test Result Peak

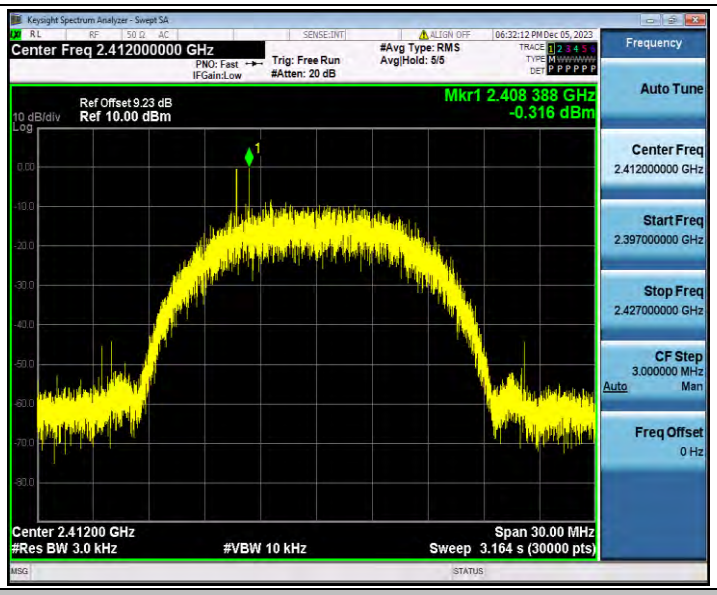
Test Mode	Antenna	Frequency[MHz]	Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	21.69	≤30.00	PASS
		2437	18.69	≤30.00	PASS
		2462	19.41	≤30.00	PASS
11G	Ant1	2412	22.00	≤30.00	PASS
		2437	19.88	≤30.00	PASS
		2462	20.57	≤30.00	PASS
11N20SISO	Ant1	2412	20.40	≤30.00	PASS
		2437	20.17	≤30.00	PASS
		2462	20.87	≤30.00	PASS
11N40SISO	Ant1	2422	17.18	≤30.00	PASS
		2437	18.41	≤30.00	PASS
		2452	17.62	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-0.32	≤8.00	PASS
		2437	-5.36	≤8.00	PASS
		2462	-3.93	≤8.00	PASS
11G	Ant1	2412	-11.56	≤8.00	PASS
		2437	-13.33	≤8.00	PASS
		2462	-12.78	≤8.00	PASS
11N20SISO	Ant1	2412	-12.97	≤8.00	PASS
		2437	-13.04	≤8.00	PASS
		2462	-12.16	≤8.00	PASS
11N40SISO	Ant1	2422	-19.29	≤8.00	PASS
		2437	-17.04	≤8.00	PASS
		2452	-18.18	≤8.00	PASS

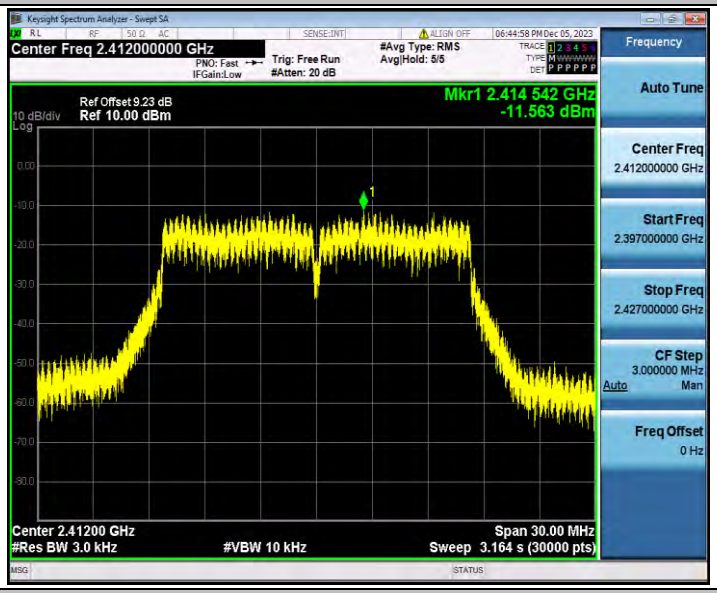
Test Graphs



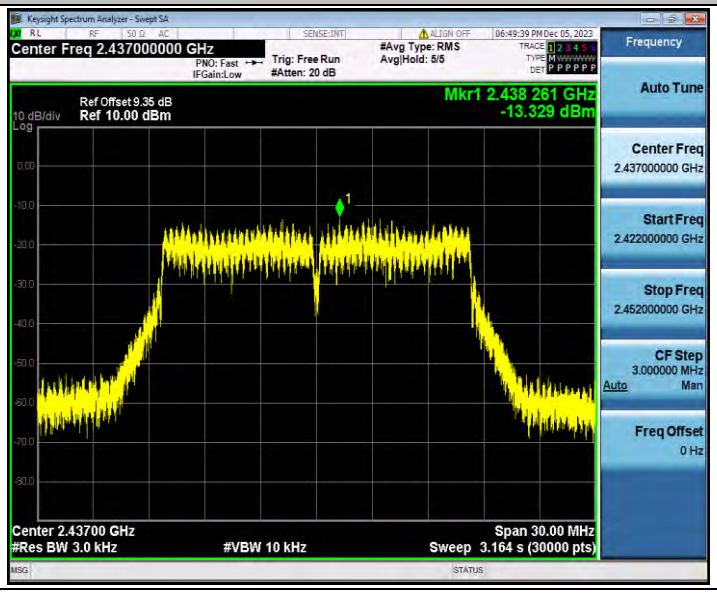
11B_Ant1_2412

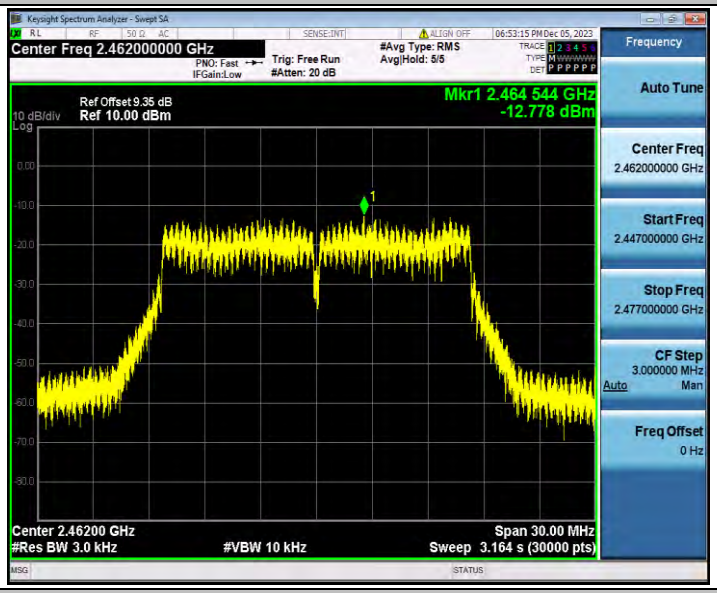
11B_Ant1_2437

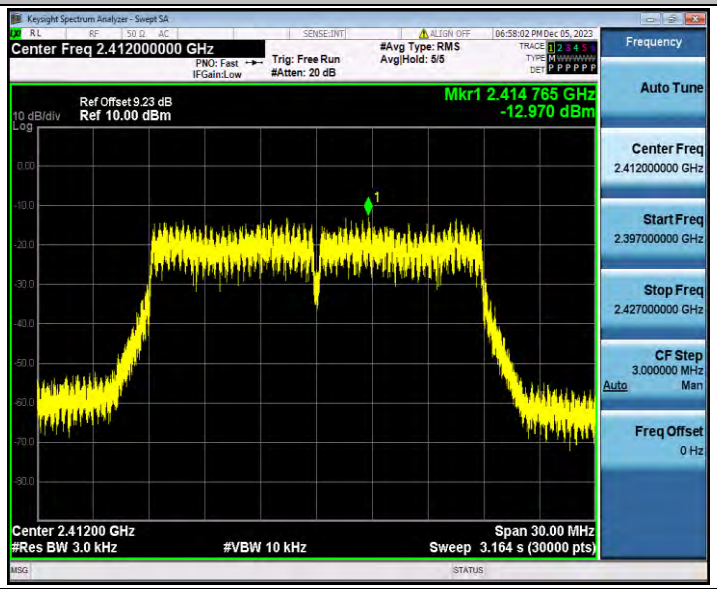
11B_Ant1_2462



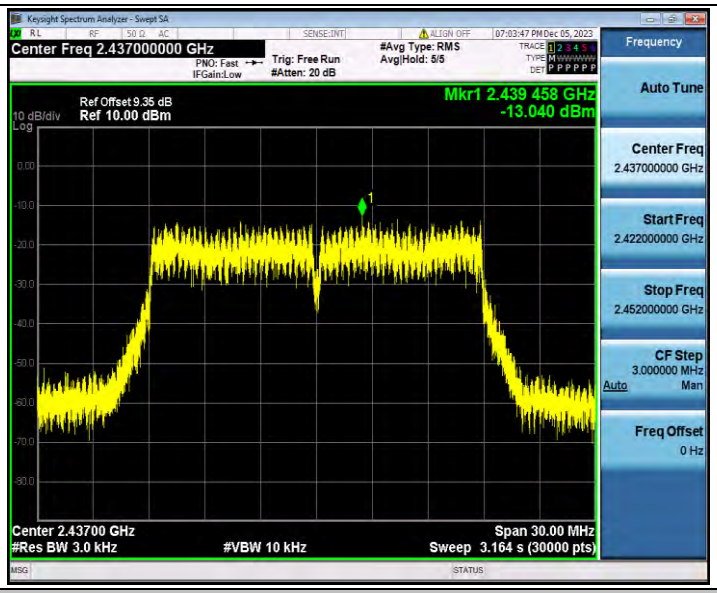
11G_Ant1_2412



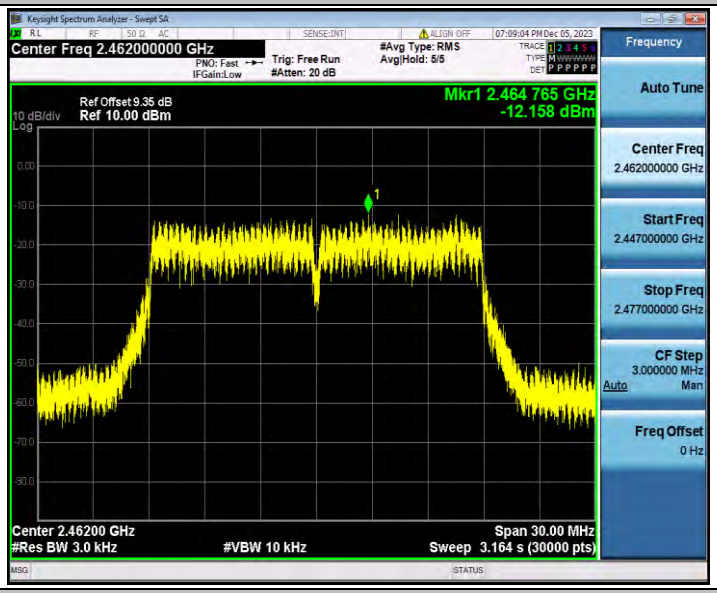
11G_Ant1_2437


11G_Ant1_2462


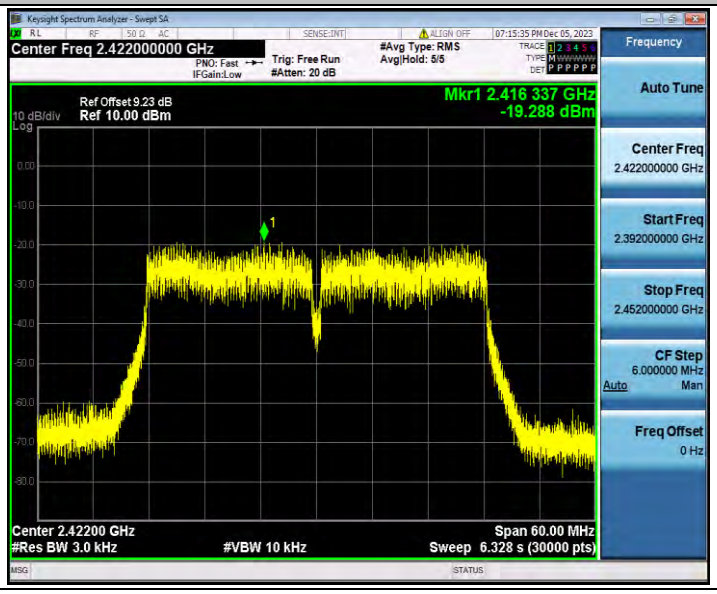
11N20SISO_Ant1_2412



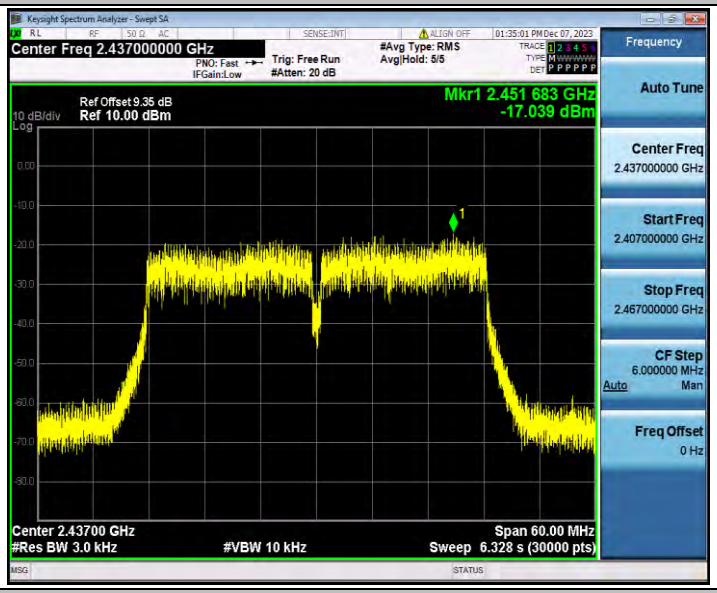
11N20SISO_Ant1_2437



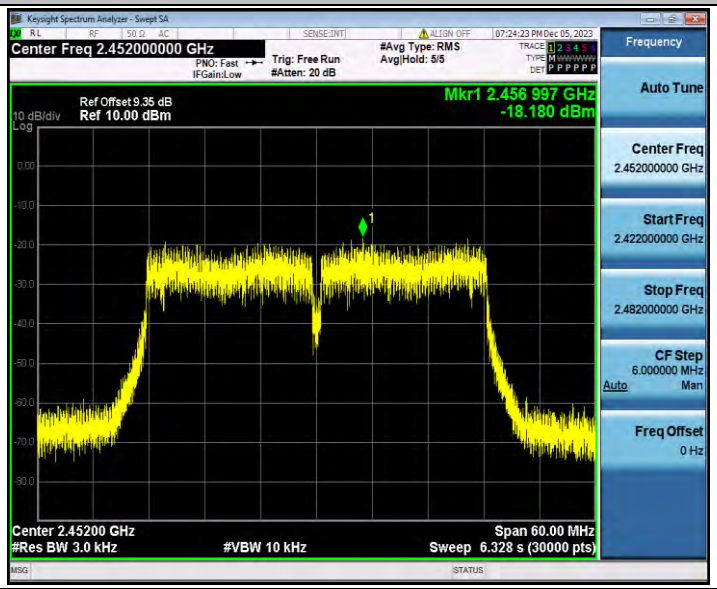
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



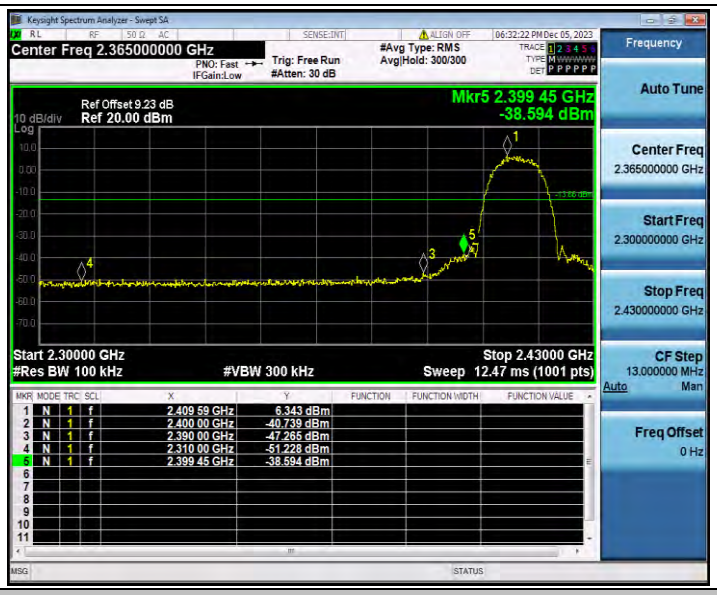
11N40SISO_Ant1_2452

Appendix C.5: Band edge measurements

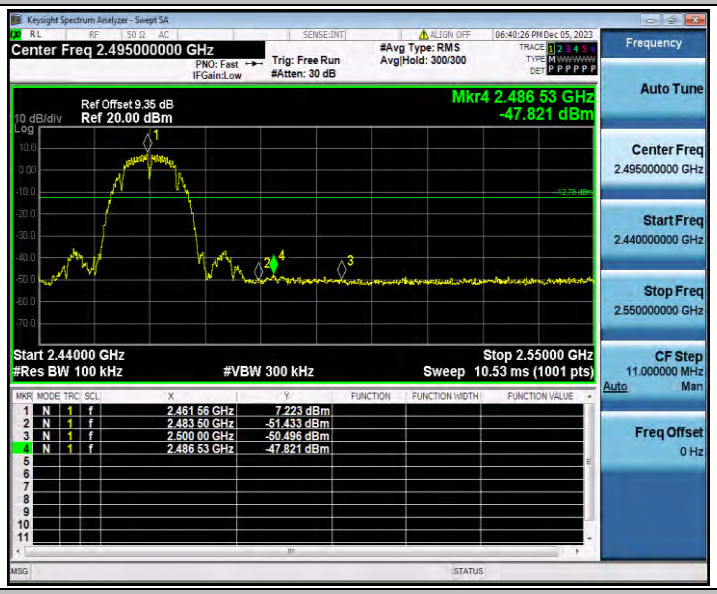
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.34	-38.59	≤-13.66	PASS
		High	2462	7.22	-47.82	≤-12.78	PASS
11G	Ant1	Low	2412	3.56	-32.21	≤-16.44	PASS
		High	2462	2.44	-42.36	≤-17.56	PASS
11N20SISO	Ant1	Low	2412	2.36	-34.47	≤-17.65	PASS
		High	2462	2.66	-41.23	≤-17.34	PASS
11N40SISO	Ant1	Low	2422	-3.31	-40.62	≤-23.31	PASS
		High	2452	-3.13	-42.91	≤-23.13	PASS

Test Graphs

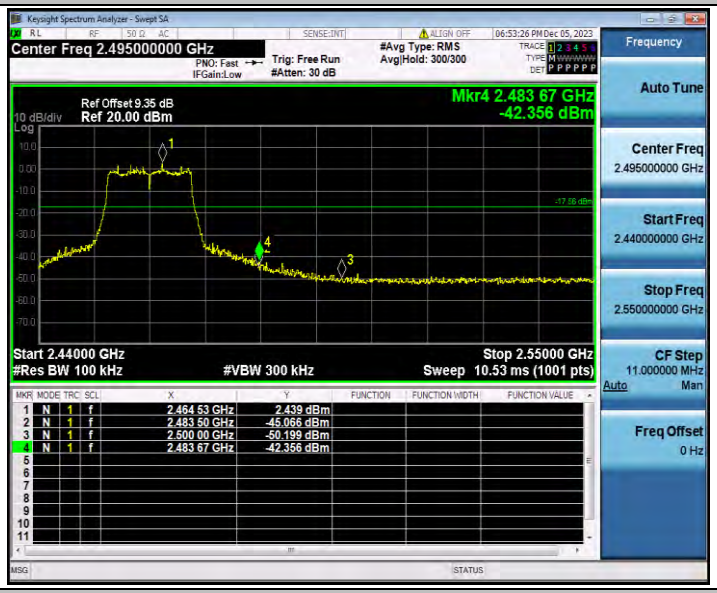


11B_Ant1_Low_2412

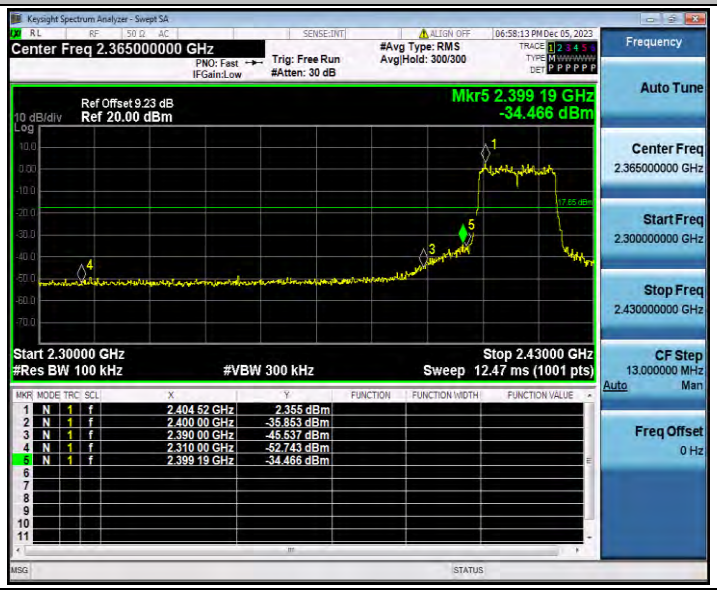


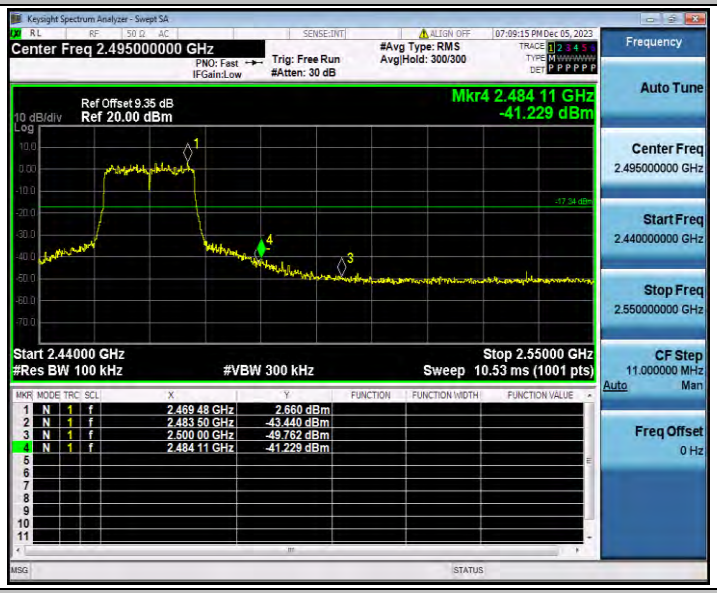
11B_Ant1_High_2462

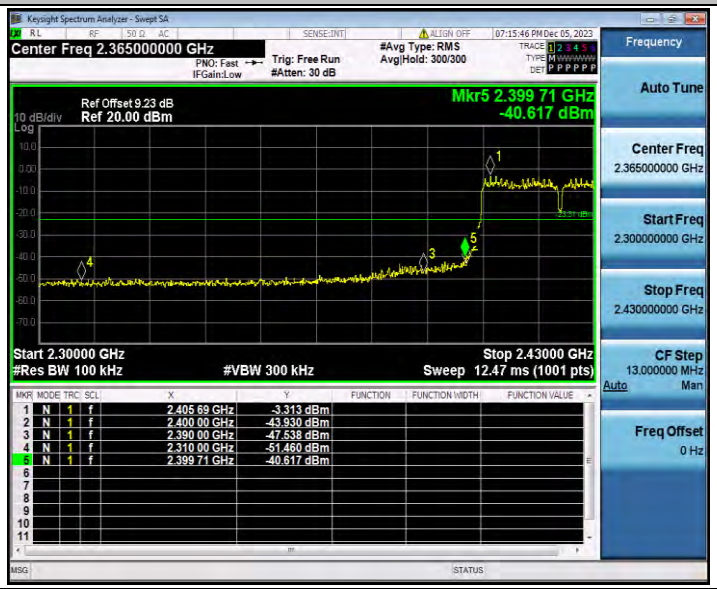
11G_Ant1_Low_2412



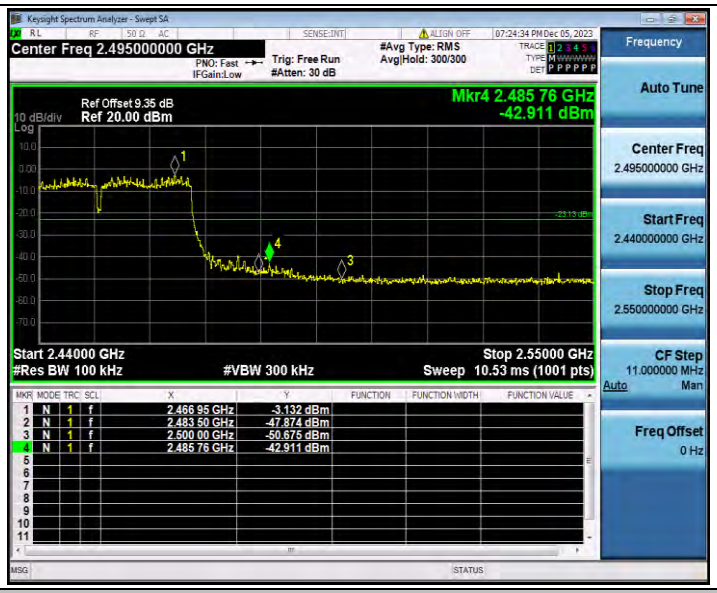
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412


11N20SISO_Ant1_High_2462


11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

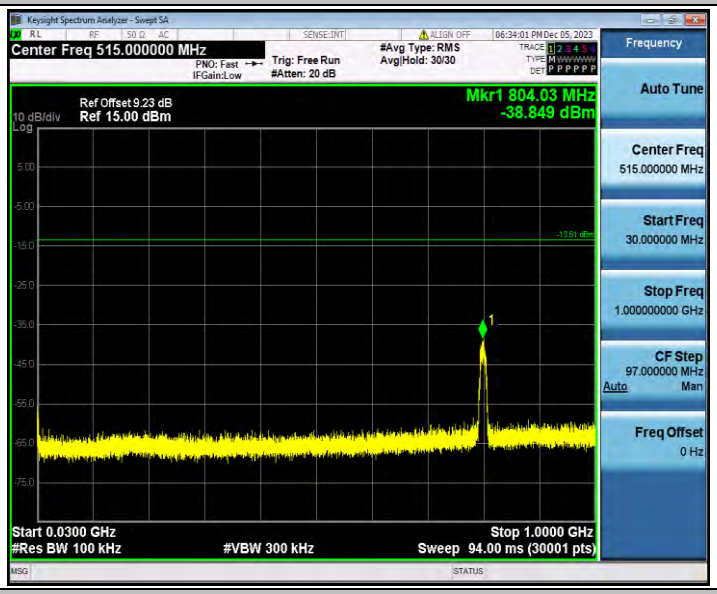
Appendix C.6: Conducted Spurious Emission

Test Result

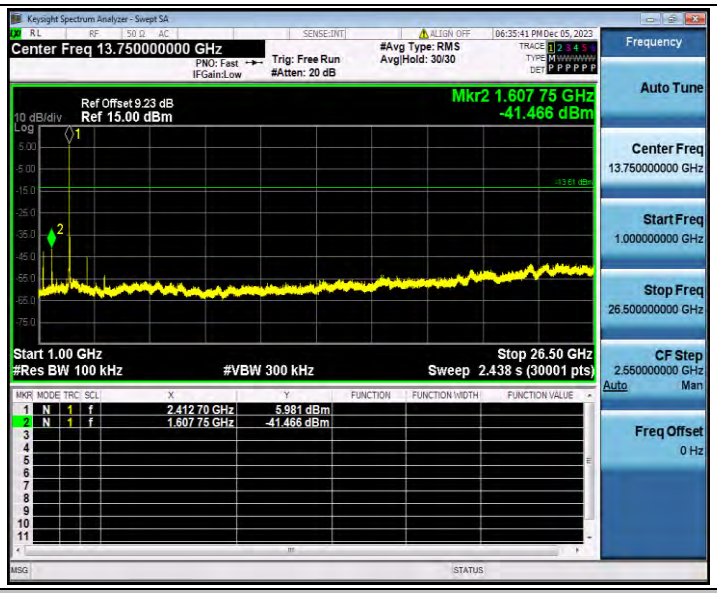
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.39	6.39	---	PASS
			30~1000	6.39	-38.85	≤-13.61	PASS
			1000~26500	6.39	-41.47	≤-13.61	PASS
		2437	Reference	5.56	5.56	---	PASS
			30~1000	5.56	-39.09	≤-14.44	PASS
			1000~26500	5.56	-42.57	≤-14.44	PASS
		2462	Reference	5.92	5.92	---	PASS
			30~1000	5.92	-39.81	≤-14.08	PASS
			1000~26500	5.92	-45.17	≤-14.08	PASS
11G	Ant1	2412	Reference	2.52	2.52	---	PASS
			30~1000	2.52	-42.31	≤-17.48	PASS
			1000~26500	2.52	-45.51	≤-17.48	PASS
		2437	Reference	0.19	0.19	---	PASS
			30~1000	0.19	-45.1	≤-19.81	PASS
			1000~26500	0.19	-46.41	≤-19.81	PASS
		2462	Reference	0.27	0.27	---	PASS
			30~1000	0.27	-46.61	≤-19.73	PASS
			1000~26500	0.27	-46.44	≤-19.73	PASS
11N20SISO	Ant1	2412	Reference	1.92	1.92	---	PASS
			30~1000	1.92	-41.75	≤-18.08	PASS
			1000~26500	1.92	-46.81	≤-18.08	PASS
		2437	Reference	1.12	1.12	---	PASS
			30~1000	1.12	-43.02	≤-18.88	PASS
			1000~26500	1.12	-47.06	≤-18.88	PASS
		2462	Reference	-0.19	-0.19	---	PASS
			30~1000	-0.19	-46.73	≤-20.19	PASS
			1000~26500	-0.19	-46.86	≤-20.19	PASS
11N40SISO	Ant1	2422	Reference	-4.63	-4.63	---	PASS
			30~1000	-4.63	-46.13	≤-24.63	PASS
			1000~26500	-4.63	-47.65	≤-24.63	PASS
		2437	Reference	-3.26	-3.26	---	PASS
			30~1000	-3.26	-47.58	≤-23.26	PASS
			1000~26500	-3.26	-47.1	≤-23.26	PASS
		2452	Reference	-3.27	-3.27	---	PASS
			30~1000	-3.27	-48.96	≤-23.27	PASS
			1000~26500	-3.27	-47.51	≤-23.27	PASS

Test Graphs

11B_Ant1_2412_0~Reference

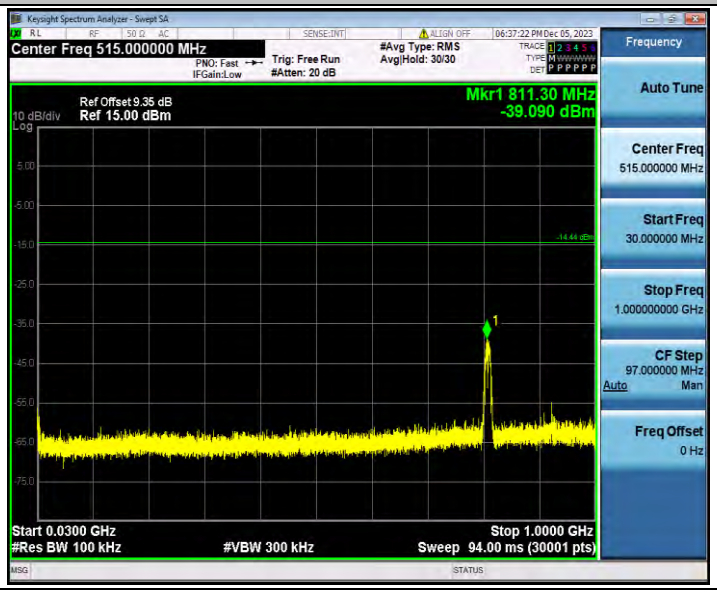


11B_Ant1_2412_30~1000

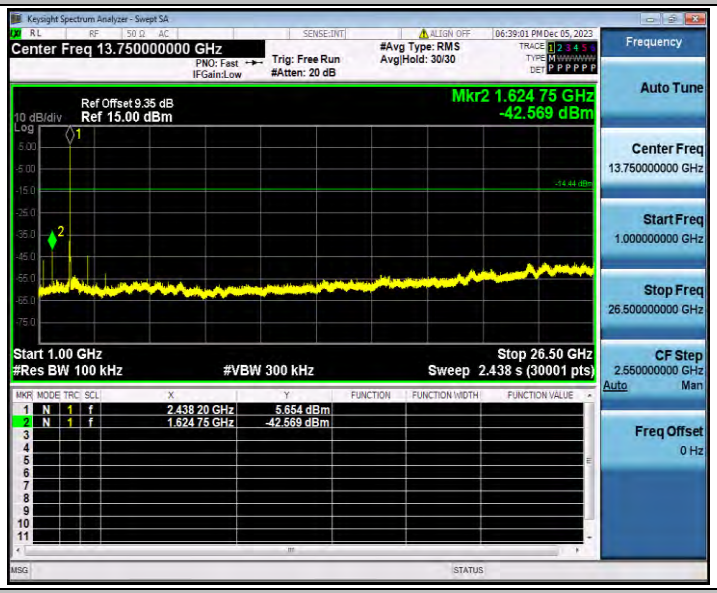


11B_Ant1_2412_1000~26500

11B_Ant1_2437_0~Reference



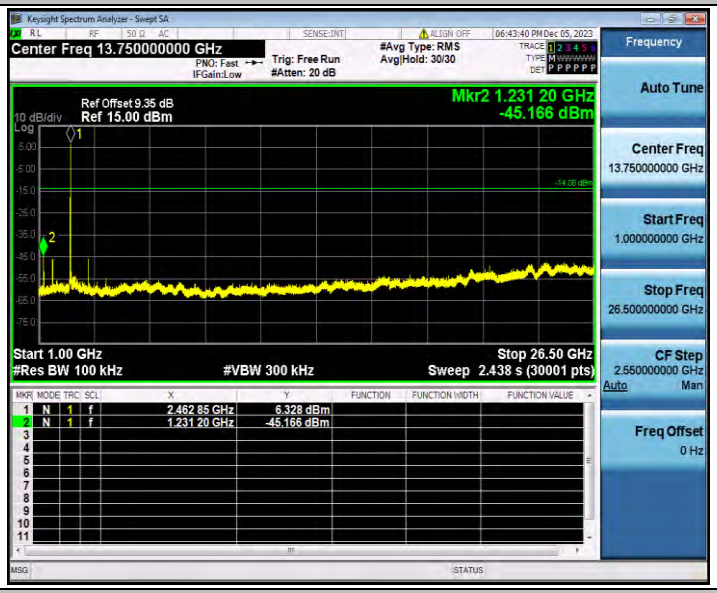
11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500

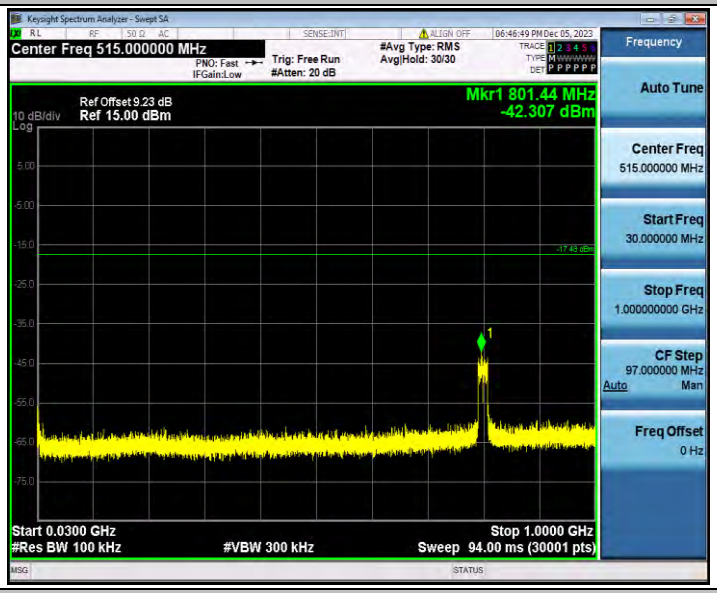
11B_Ant1_2462_0~Reference

11B_Ant1_2462_30~1000



11B_Ant1_2462_1000~26500

11G_Ant1_2412_0~Reference



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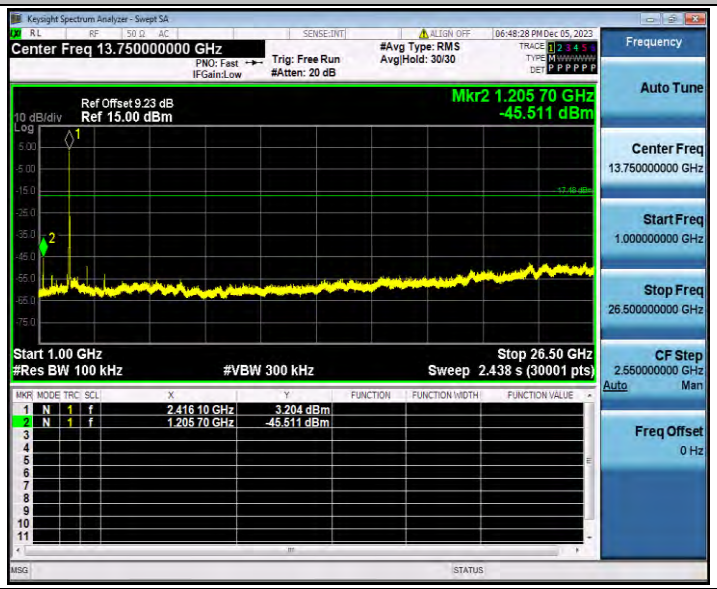

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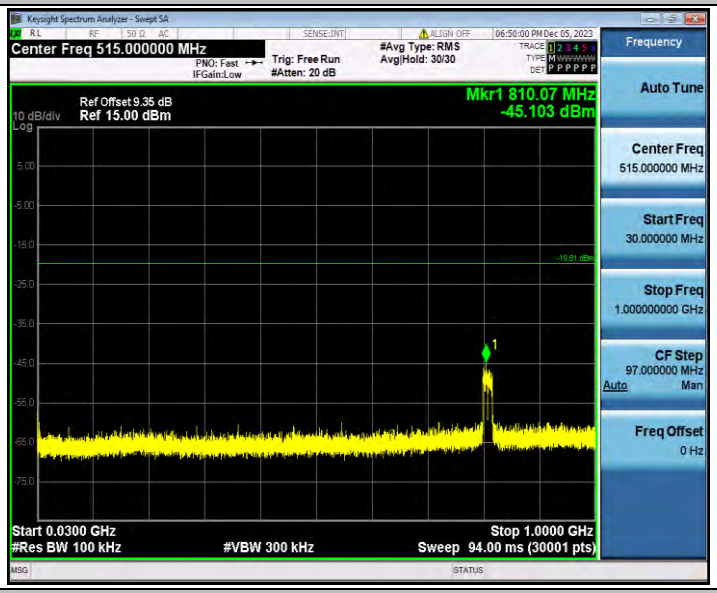

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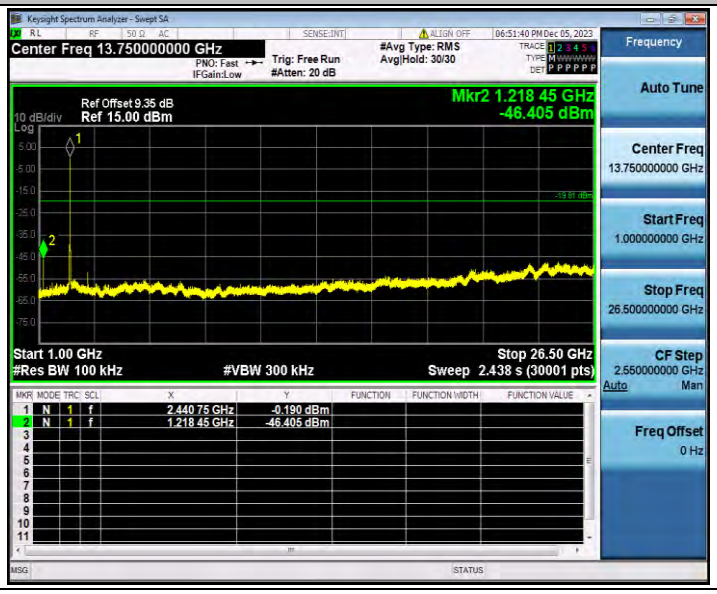

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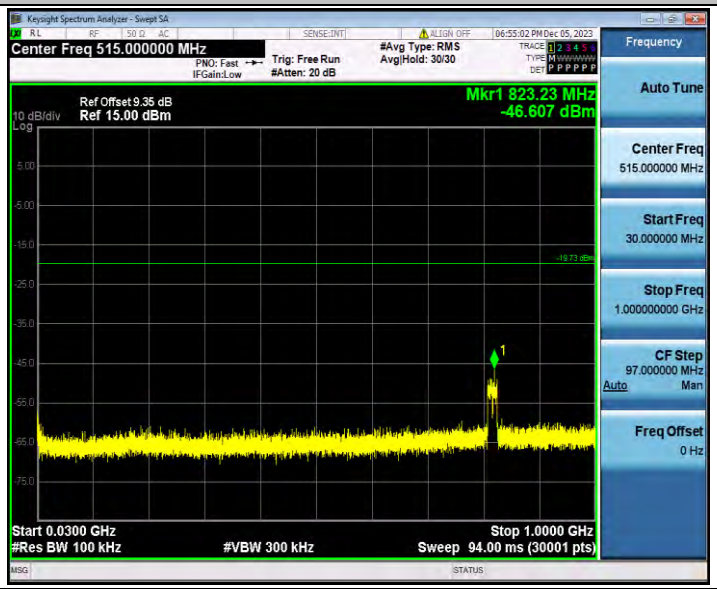

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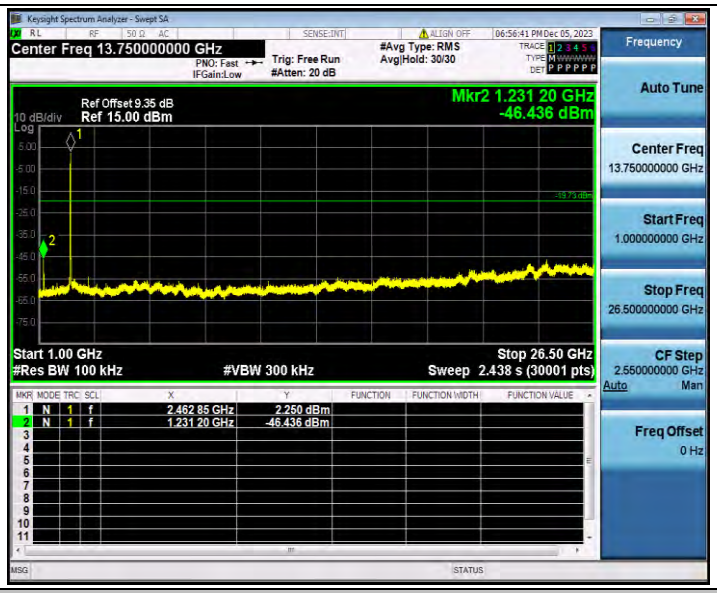
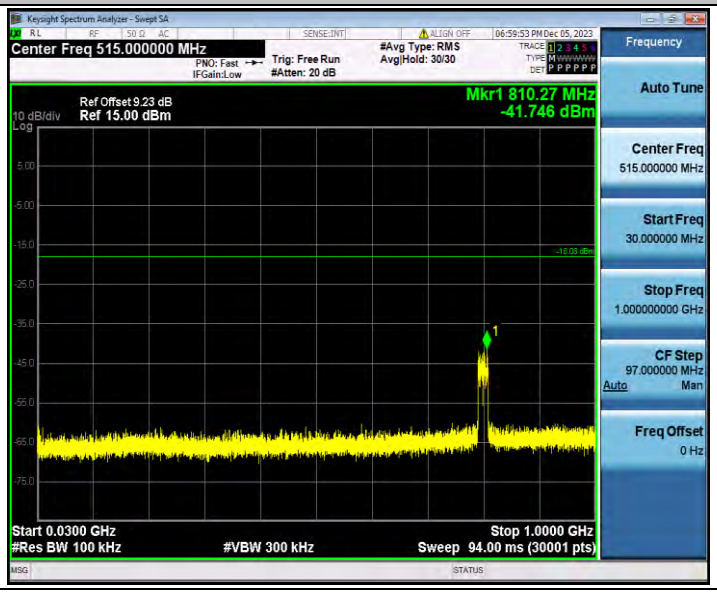


11G_Ant1_2462_1000~26500

11N20SISO_Ant1_2412_0~Reference



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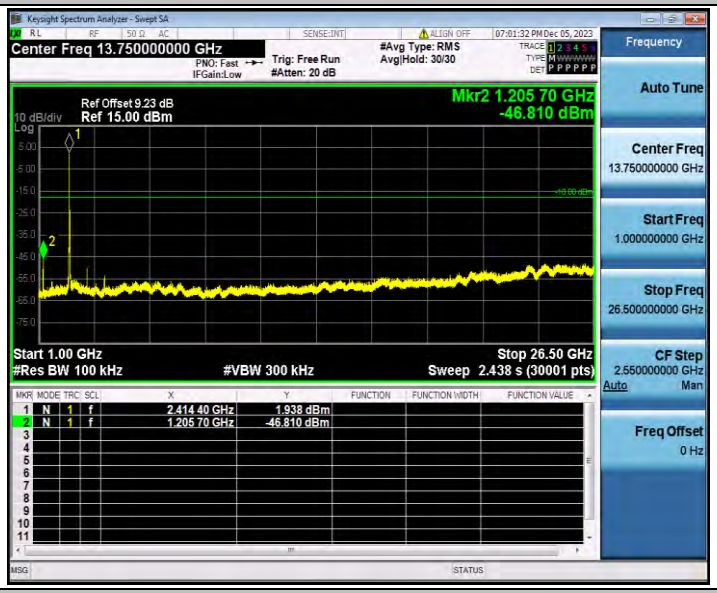

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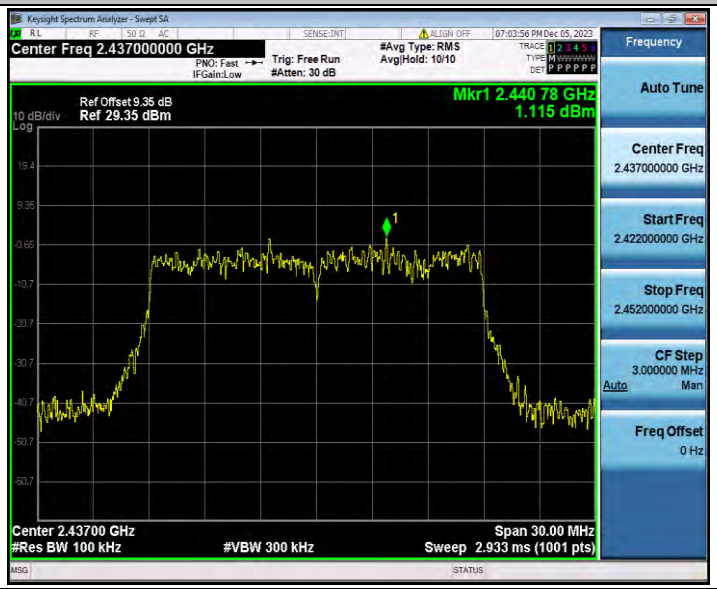

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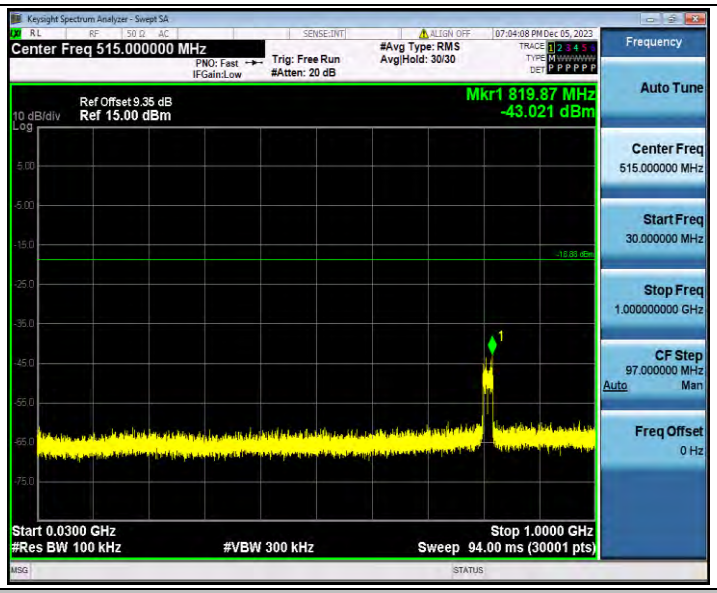

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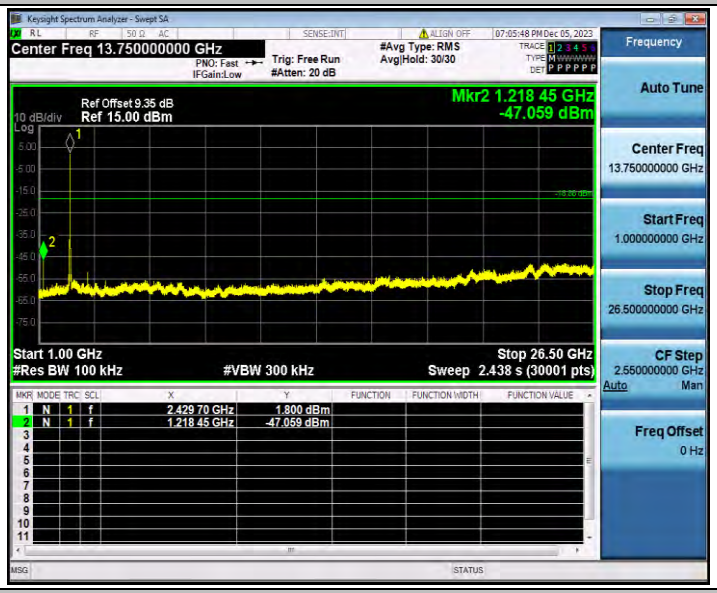

11N20SISO_Ant1_2437_1000~26500

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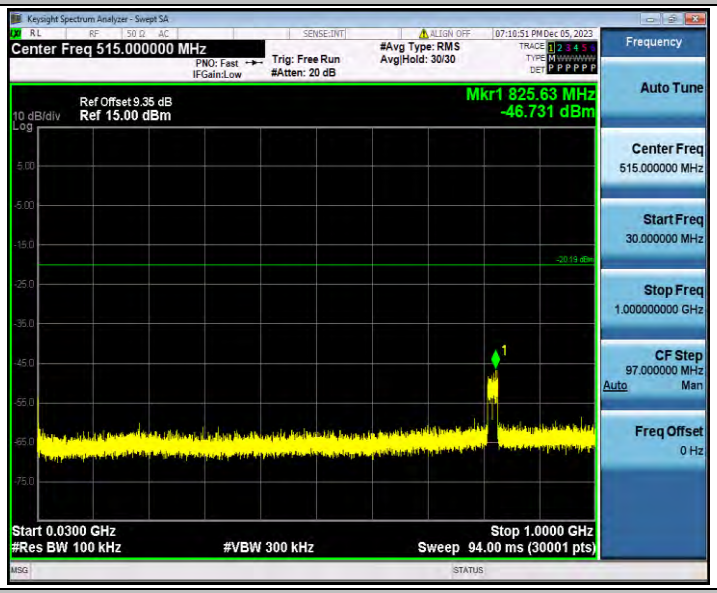

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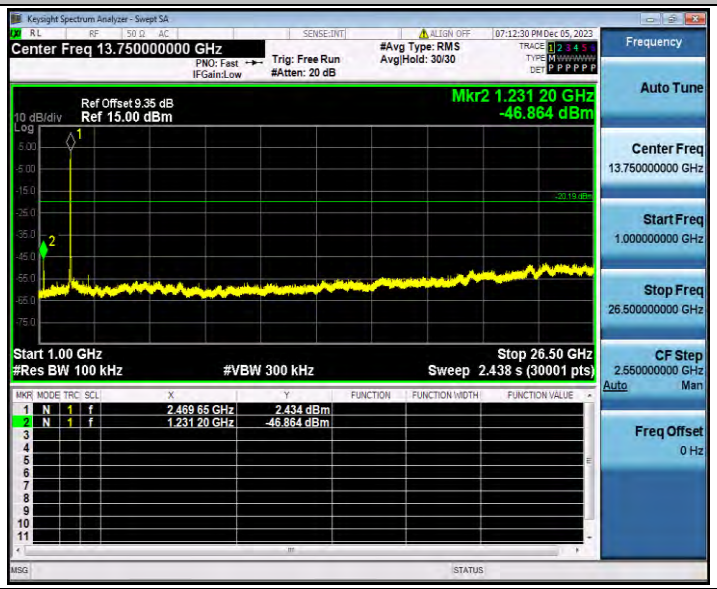
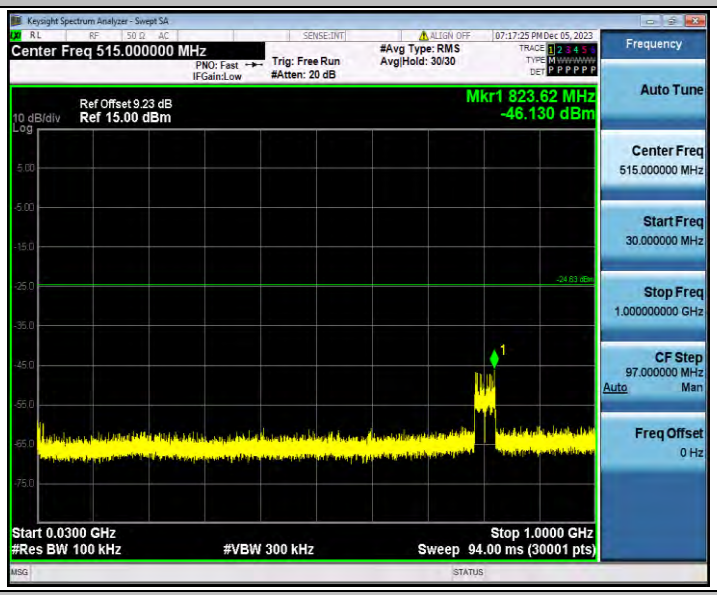


11N20SISO_Ant1_2462_1000~26500

11N40SISO_Ant1_2422_0~Reference



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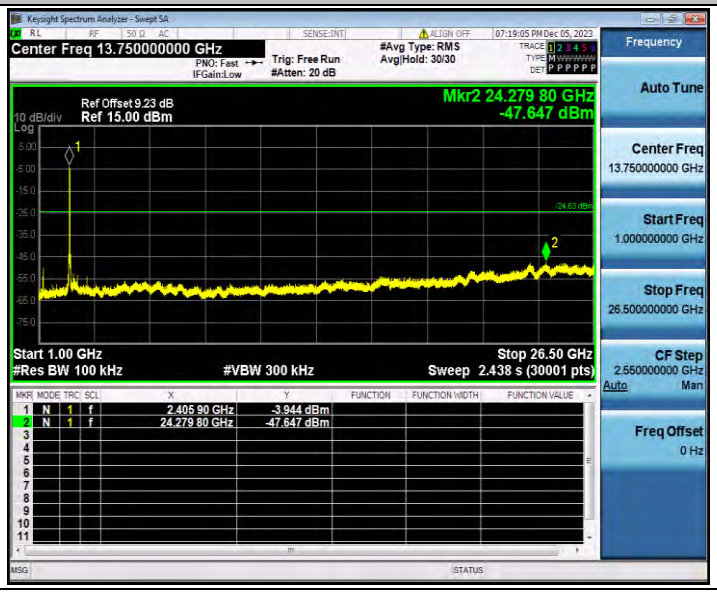

11N40SISO_Ant1_2422_1000~26500

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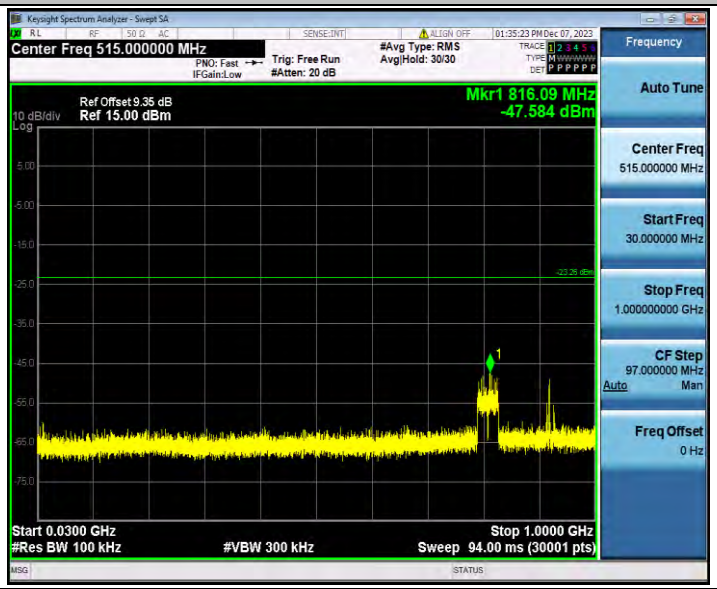

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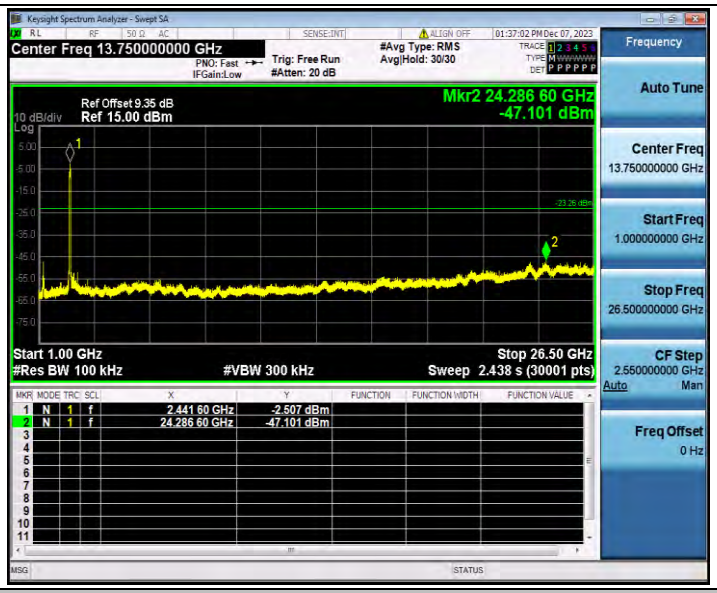

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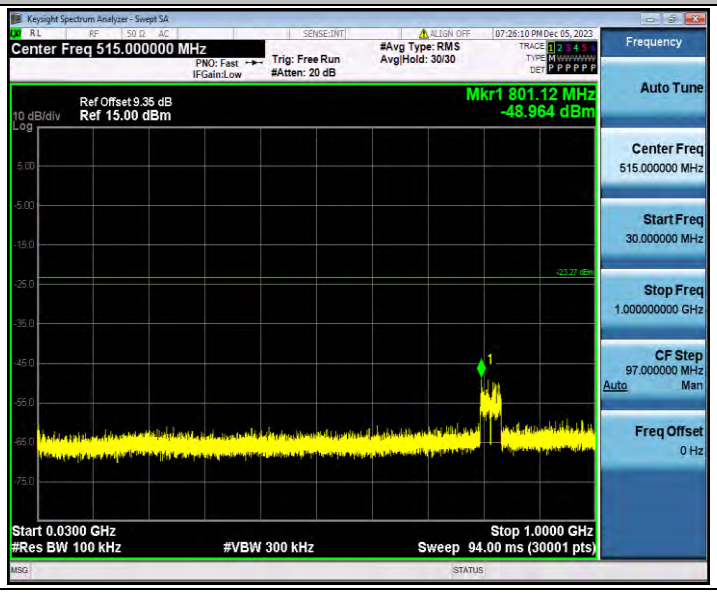

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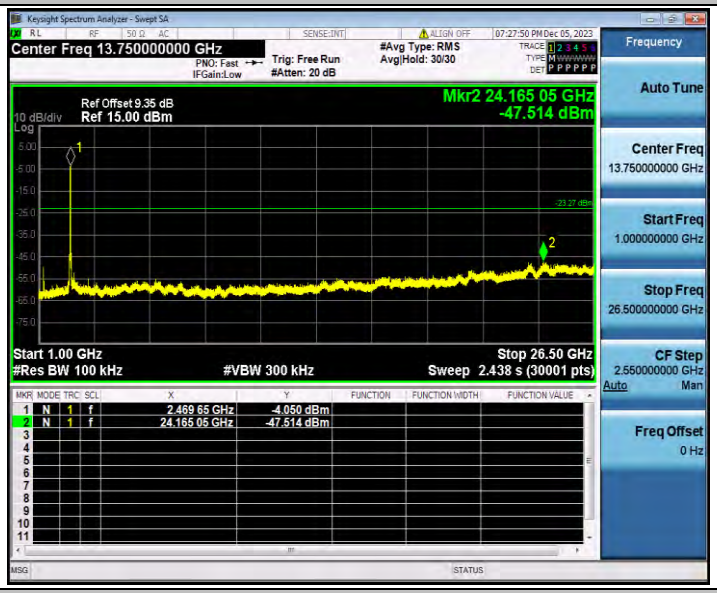
11N40SISO_Ant1_2452_1000~26500