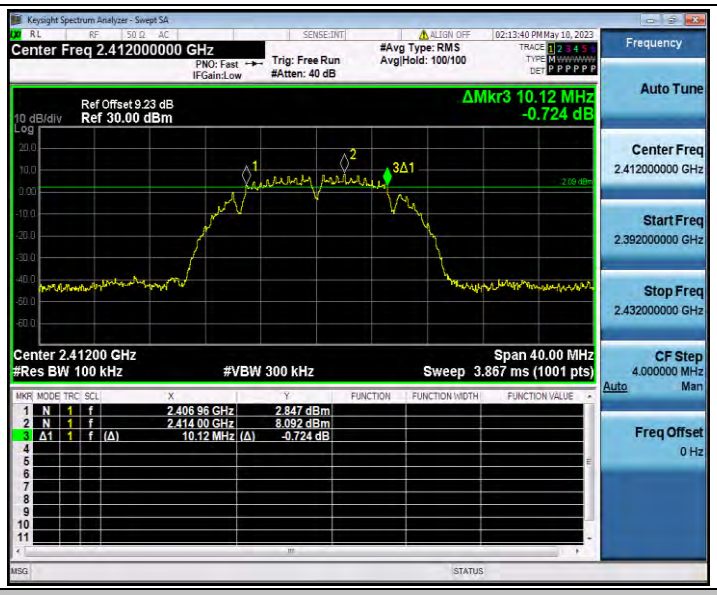
Case No. : GTS20230411005-1-14	
Ambient Condition: 24 ℃, 50 %RH, Atmos100.1Kpa,	
Test Date: 2023.5.9	**Test Engineer:** Jenny zeng

Appendix C.1: DTS Bandwidth

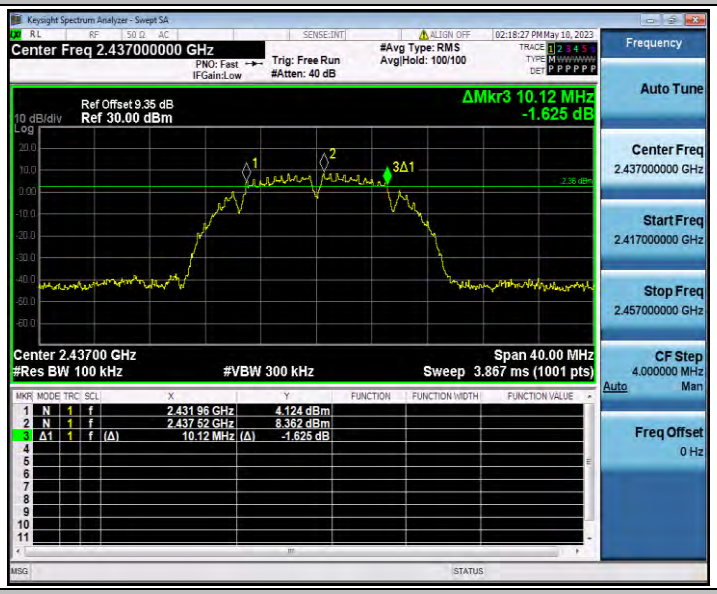
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.120	2406.960	2417.080	0.5	PASS
		2437	10.120	2431.960	2442.080	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	13.560	2406.600	2420.160	0.5	PASS
		2437	12.280	2431.600	2443.880	0.5	PASS
		2462	15.040	2454.480	2469.520	0.5	PASS
11N20SISO	Ant1	2412	14.120	2406.640	2420.760	0.5	PASS
		2437	13.840	2430.680	2444.520	0.5	PASS
		2462	13.760	2454.560	2468.320	0.5	PASS
11N40SISO	Ant1	2422	32.560	2405.680	2438.240	0.5	PASS
		2437	32.560	2421.960	2454.520	0.5	PASS
		2452	32.560	2436.960	2469.520	0.5	PASS
11AX20SISO	Ant1	2412	13.960	2406.960	2420.920	0.5	PASS
		2437	11.560	2431.760	2443.320	0.5	PASS
		2462	16.360	2454.480	2470.840	0.5	PASS
11AX40SISO	Ant1	2422	32.560	2404.480	2437.040	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	35.040	2434.480	2469.520	0.5	PASS

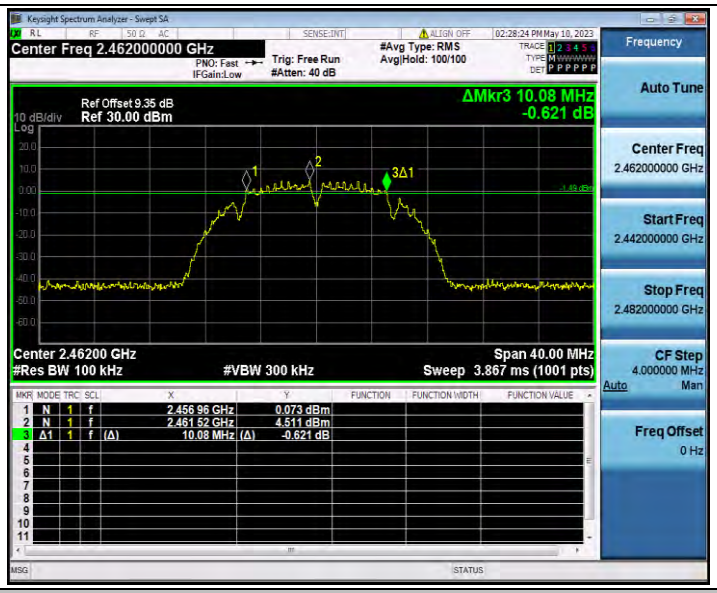
Test Graphs



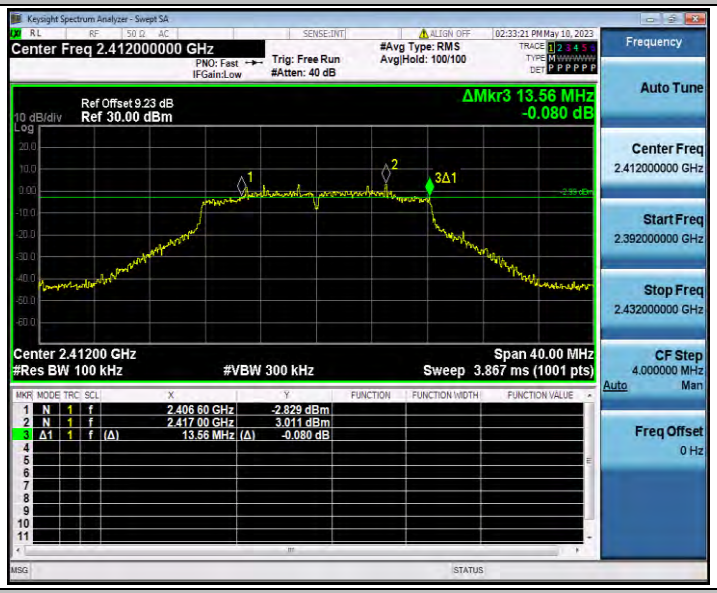
11B_Ant1_2412



11B_Ant1_2437

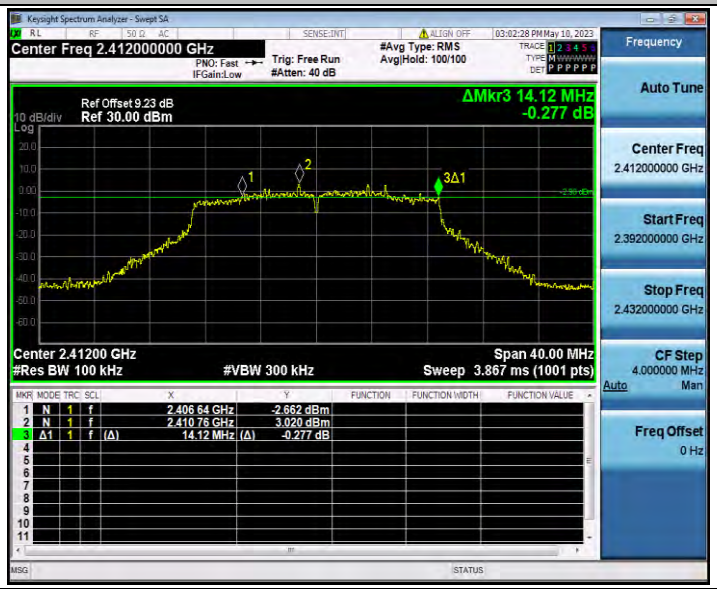


11B_Ant1_2462



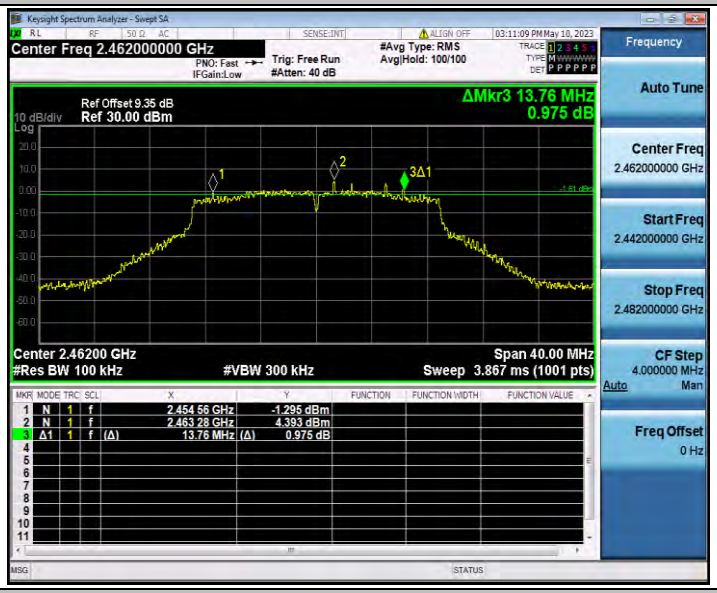
11G_Ant1_2412

11G_Ant1_2437

11G_Ant1_2462


11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



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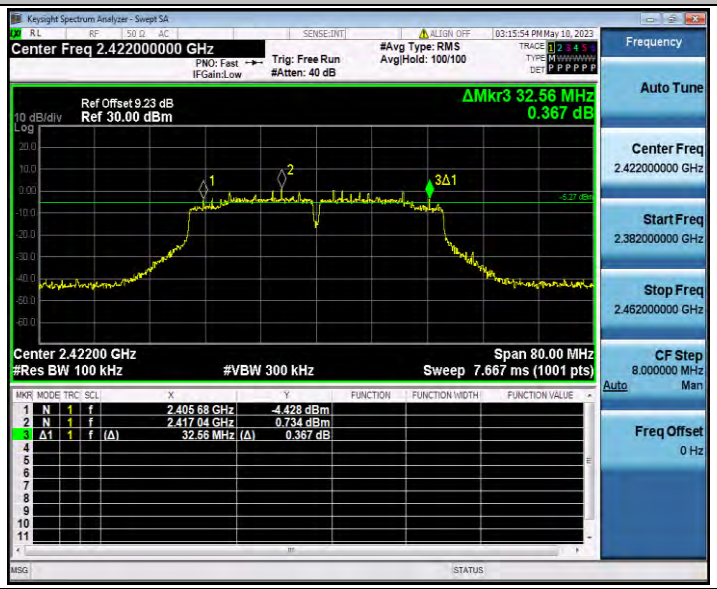

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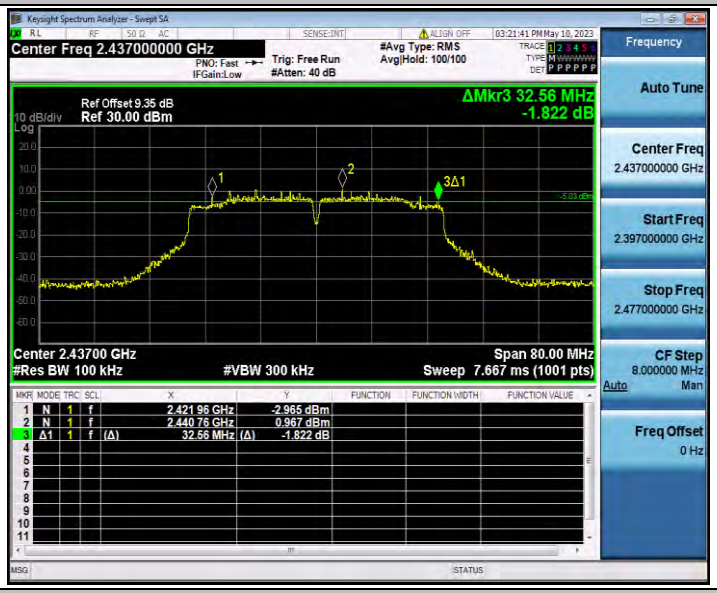

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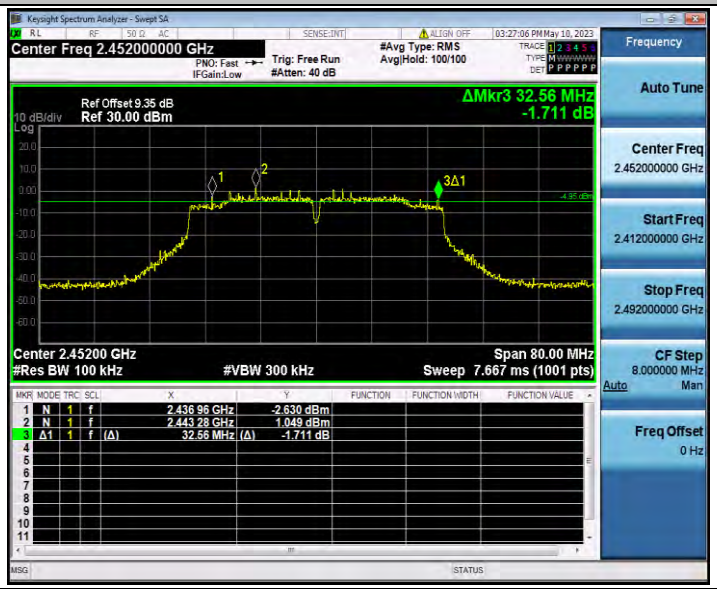

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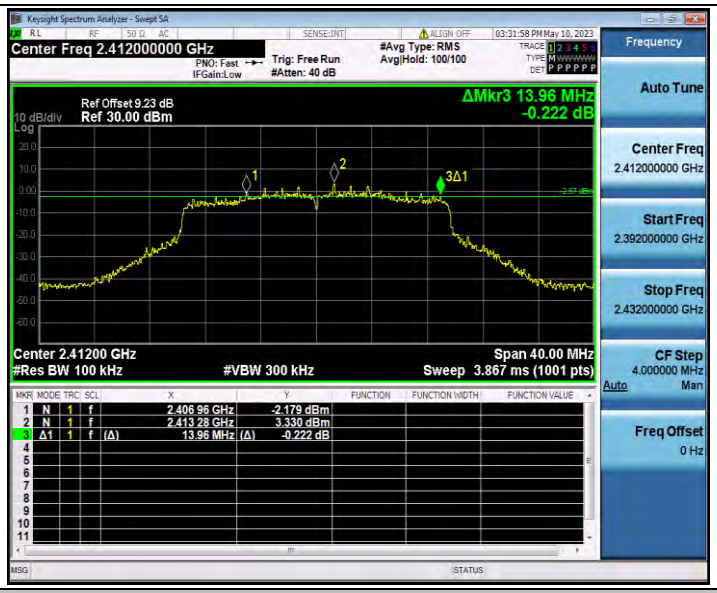
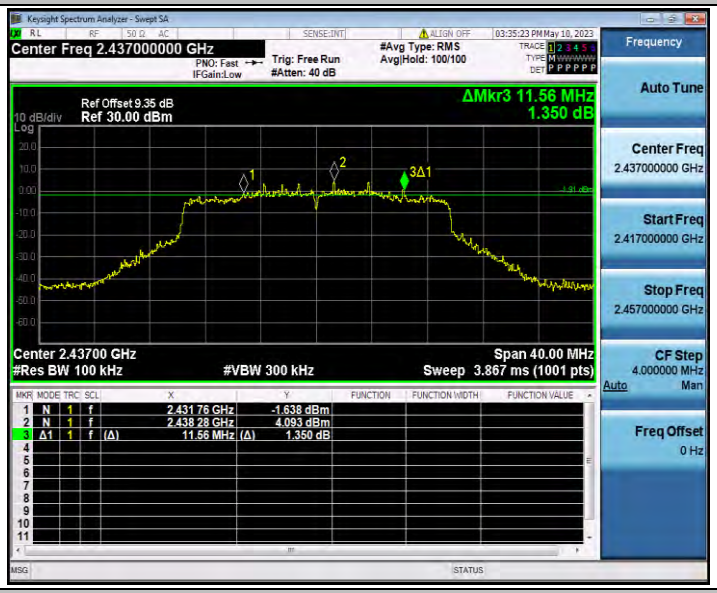
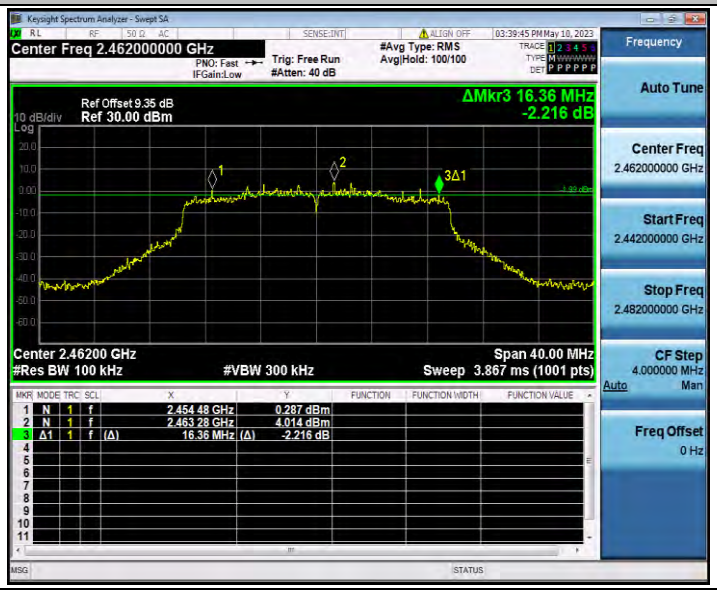


11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



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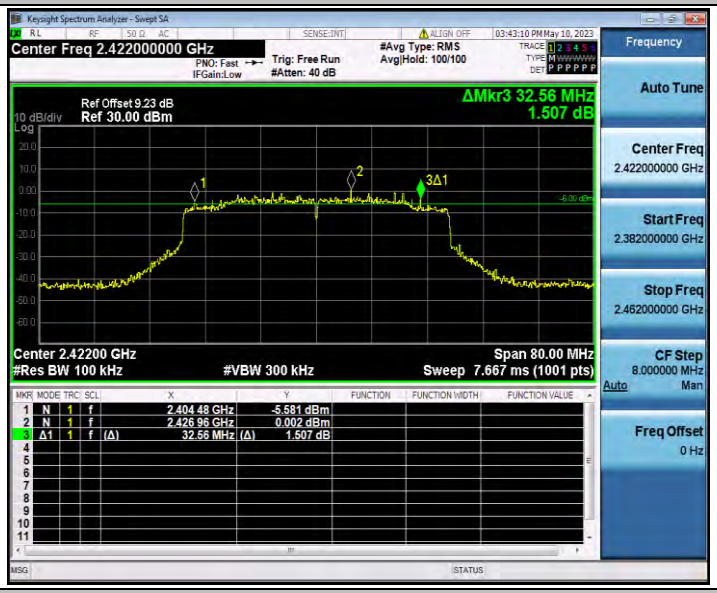

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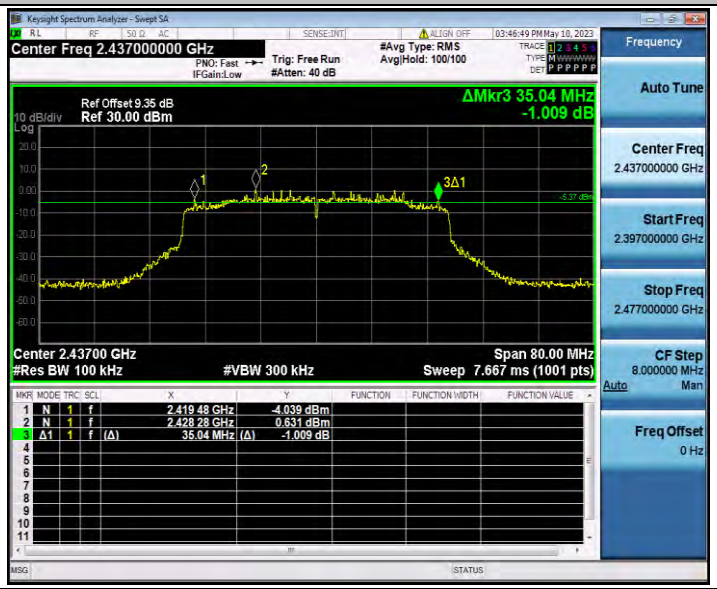
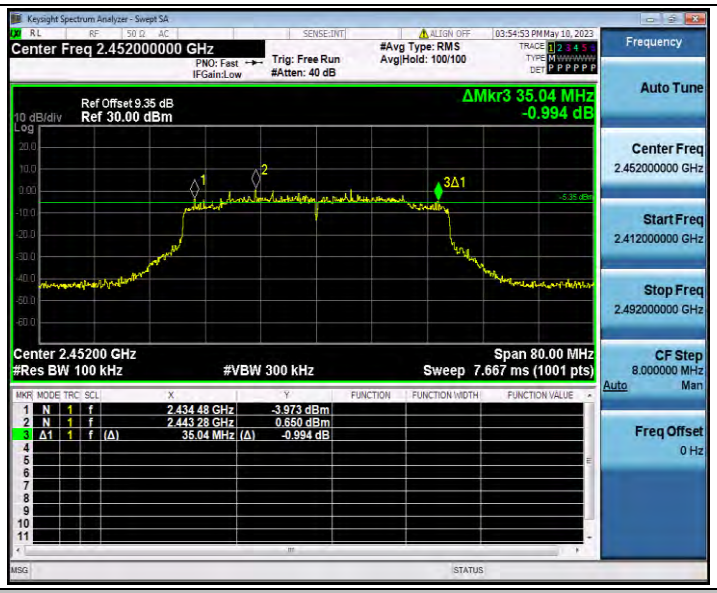


11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

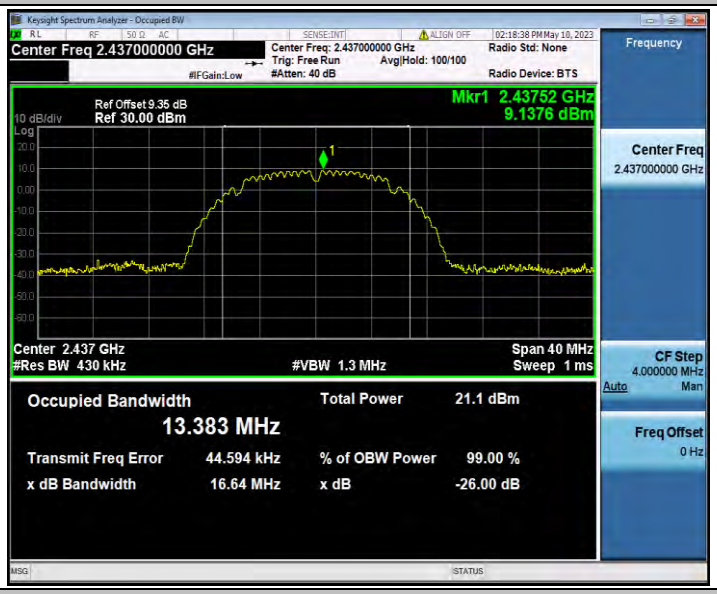
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.434	2405.386	2418.820	---	---
		2437	13.383	2430.353	2443.736	---	---
		2462	13.438	2455.298	2468.736	---	---
11G	Ant1	2412	16.897	2403.654	2420.551	---	---
		2437	16.799	2428.627	2445.426	---	---
		2462	16.832	2453.580	2470.412	---	---
11N20SISO	Ant1	2412	17.998	2403.083	2421.081	---	---
		2437	17.979	2428.077	2446.056	---	---
		2462	17.901	2453.061	2470.962	---	---
11N40SISO	Ant1	2422	36.070	2403.938	2440.008	---	---
		2437	36.089	2418.988	2455.077	---	---
		2452	36.066	2433.980	2470.046	---	---
11AX20SISO	Ant1	2412	18.949	2402.589	2421.538	---	---
		2437	18.911	2427.596	2446.507	---	---
		2462	18.948	2452.554	2471.502	---	---
11AX40SISO	Ant1	2422	37.525	2403.197	2440.722	---	---
		2437	37.474	2418.321	2455.795	---	---
		2452	37.563	2433.219	2470.782	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437

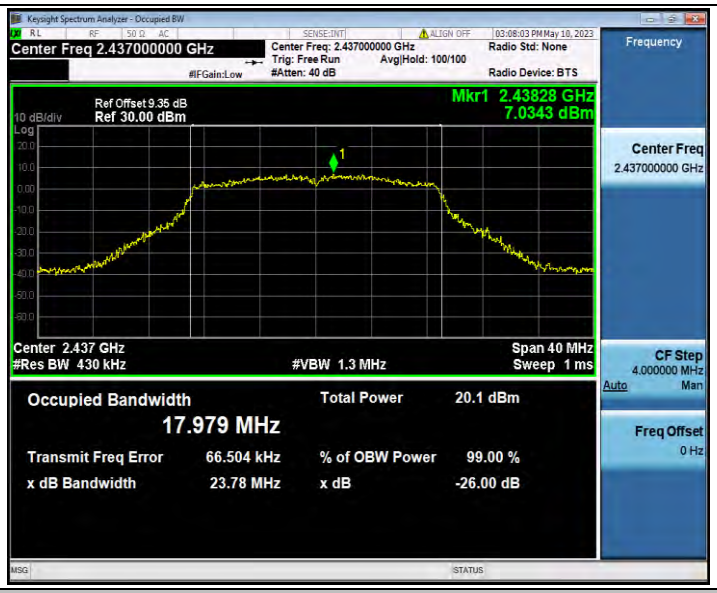
11B_Ant1_2462

11G_Ant1_2412

11G_Ant1_2437

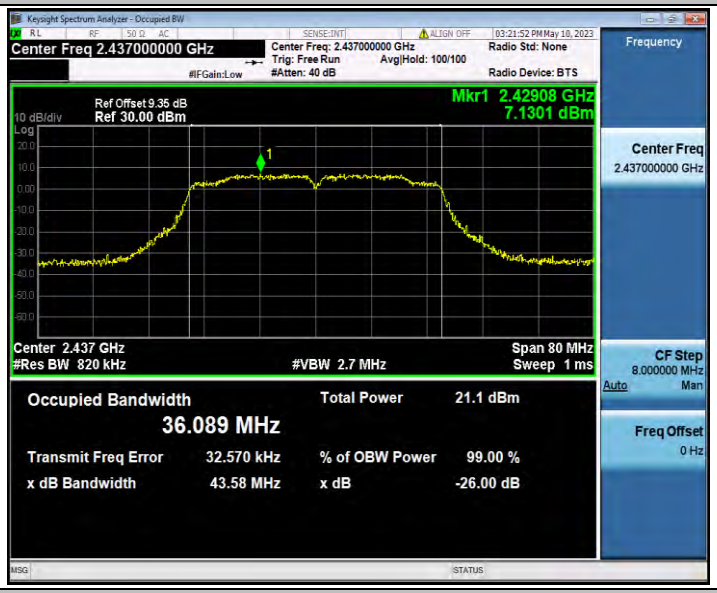
11G_Ant1_2462

11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

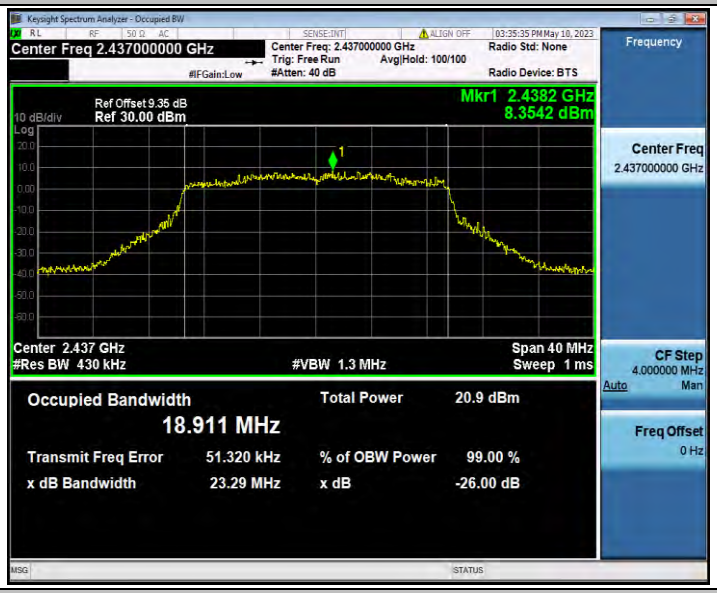
11N20SISO_Ant1_2462

11N40SISO_Ant1_2422


11N40SISO_Ant1_2437

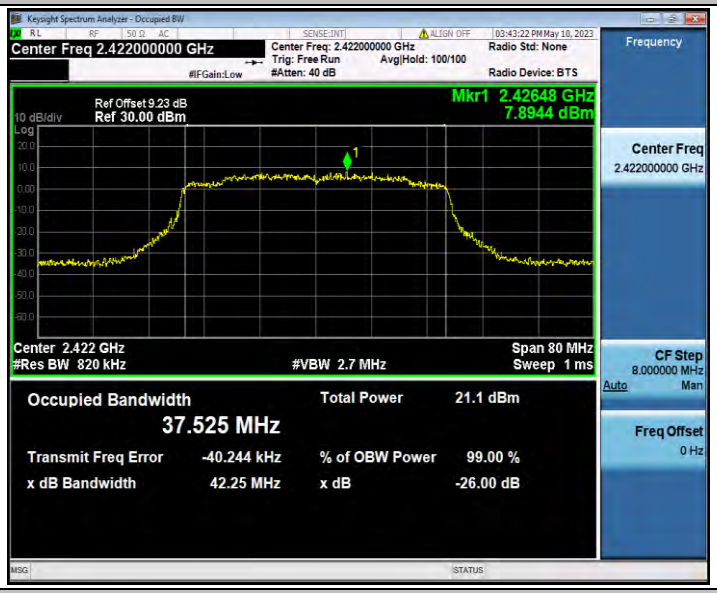
11N40SISO_Ant1_2452

11AX20SISO_Ant1_2412



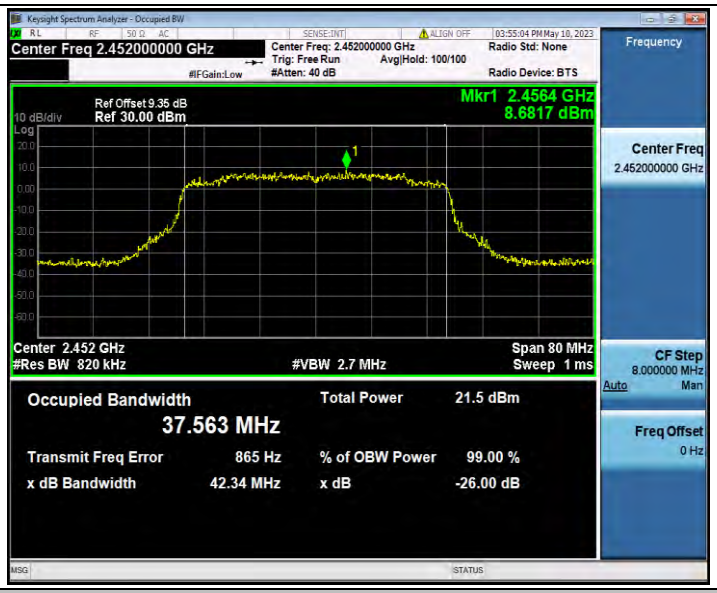
11AX20SISO_Ant1_2437

11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

Appendix C.3: Maximum conducted output power

Test Result Peak

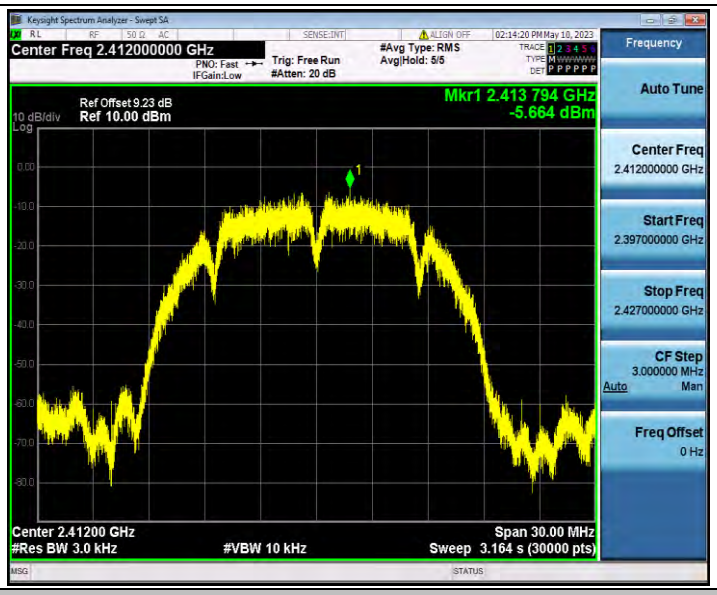
TestMode	Antenna	Frequency[MHz]	Peak Powert[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	20.35	≤30.00	PASS
		2437	21.11	≤30.00	PASS
		2462	17.20	≤30.00	PASS
11G	Ant1	2412	20.45	≤30.00	PASS
		2437	21.14	≤30.00	PASS
		2462	21.10	≤30.00	PASS
11N20SISO	Ant1	2412	20.44	≤30.00	PASS
		2437	21.08	≤30.00	PASS
		2462	21.02	≤30.00	PASS
11N40SISO	Ant1	2422	20.87	≤30.00	PASS
		2437	21.38	≤30.00	PASS
		2452	21.37	≤30.00	PASS
11AX20SISO	Ant1	2412	20.64	≤30.00	PASS
		2437	21.37	≤30.00	PASS
		2462	21.38	≤30.00	PASS
11AX40SISO	Ant1	2422	21.22	≤30.00	PASS
		2437	21.70	≤30.00	PASS
		2452	21.73	≤30.00	PASS

Appendix C.4: Maximum power spectral density

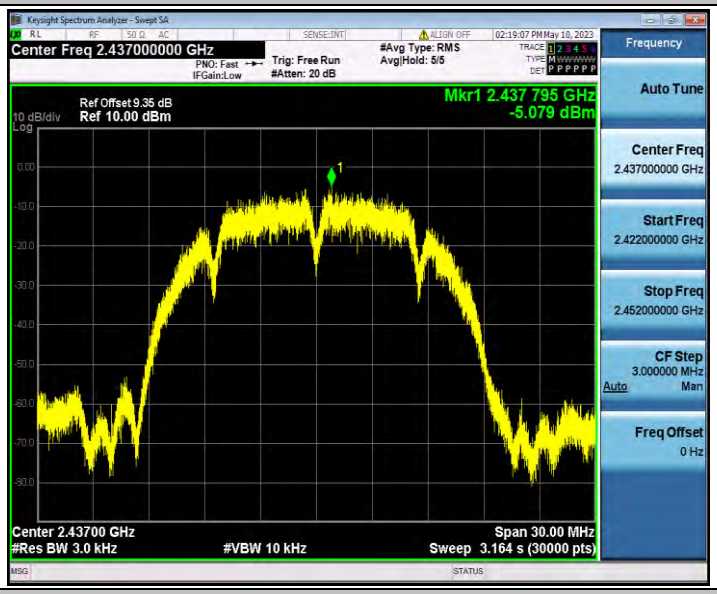
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.66	≤8.00	PASS
		2437	-5.08	≤8.00	PASS
		2462	-9.86	≤8.00	PASS
11G	Ant1	2412	-11.41	≤8.00	PASS
		2437	-10.33	≤8.00	PASS
		2462	-10.78	≤8.00	PASS
11N20SISO	Ant1	2412	-11.89	≤8.00	PASS
		2437	-11.52	≤8.00	PASS
		2462	-10.75	≤8.00	PASS
11N40SISO	Ant1	2422	-14.59	≤8.00	PASS
		2437	-13.74	≤8.00	PASS
		2452	-13.16	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.62	≤8.00	PASS
		2437	-11.3	≤8.00	PASS
		2462	-10.27	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.41	≤8.00	PASS
		2437	-12.97	≤8.00	PASS
		2452	-15.24	≤8.00	PASS

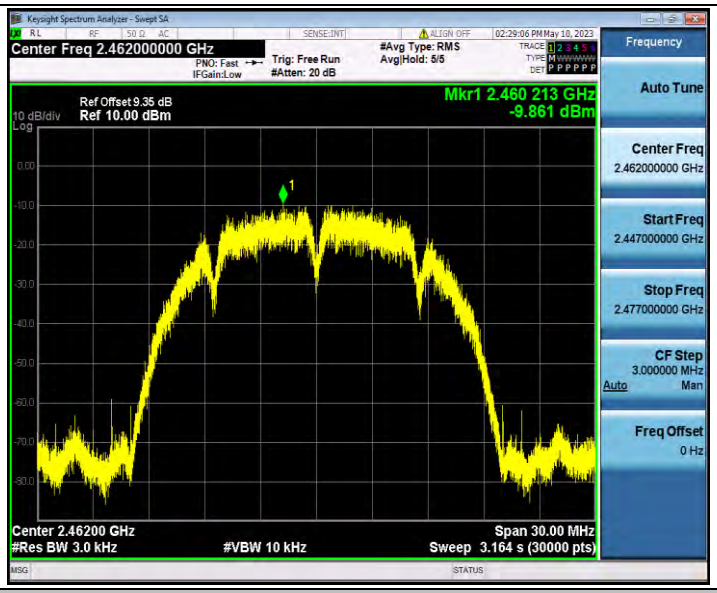
Test Graphs



11B_Ant1_2412



11B_Ant1_2437



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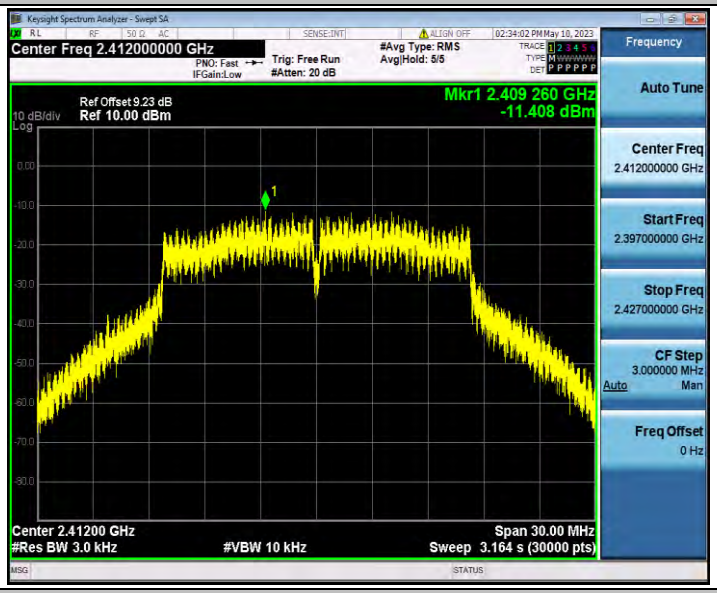

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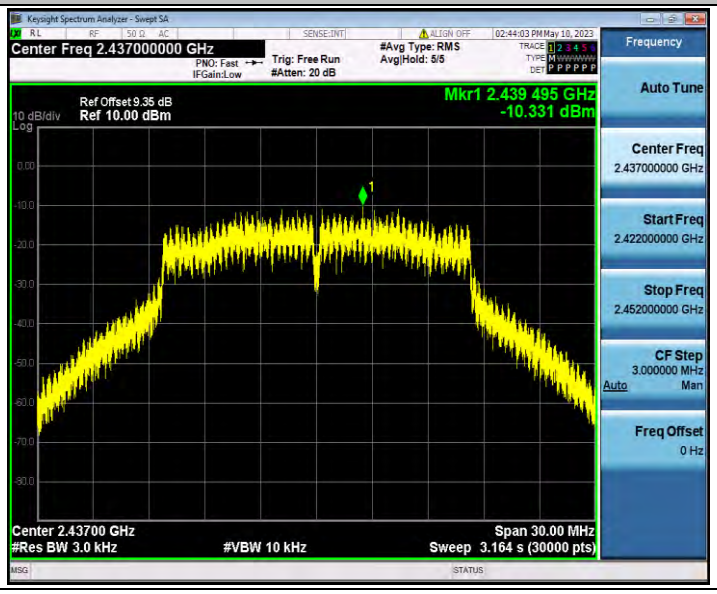

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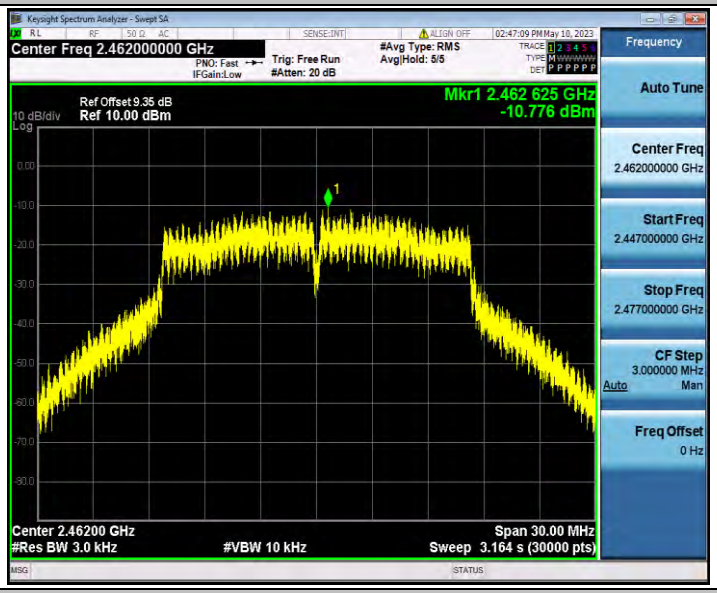
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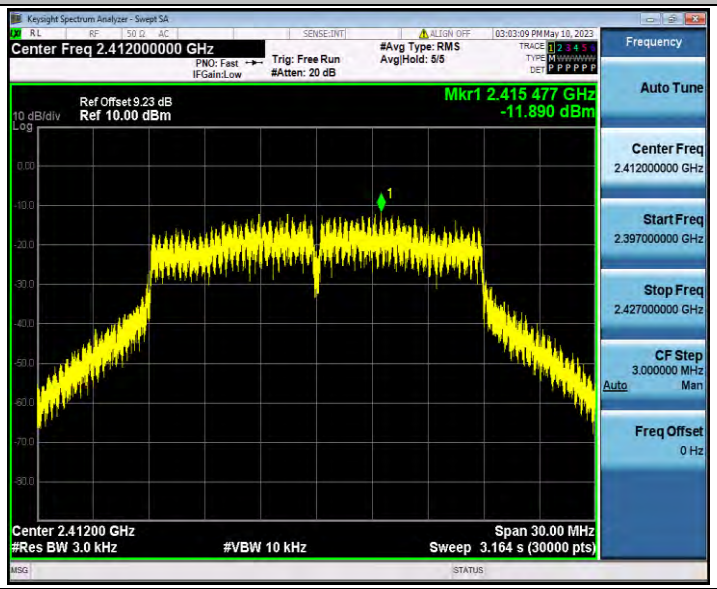
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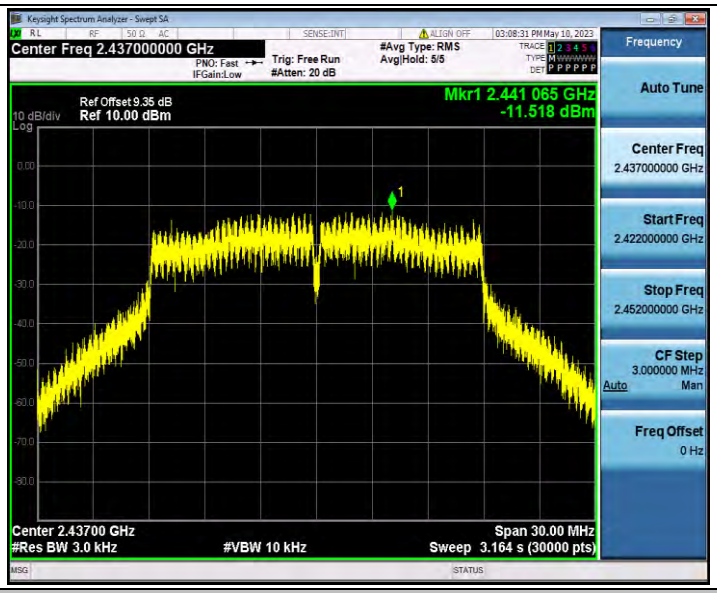

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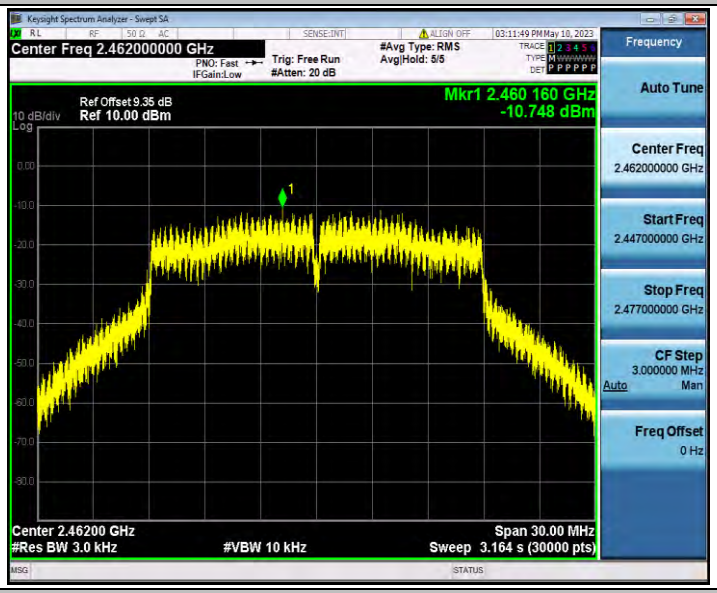

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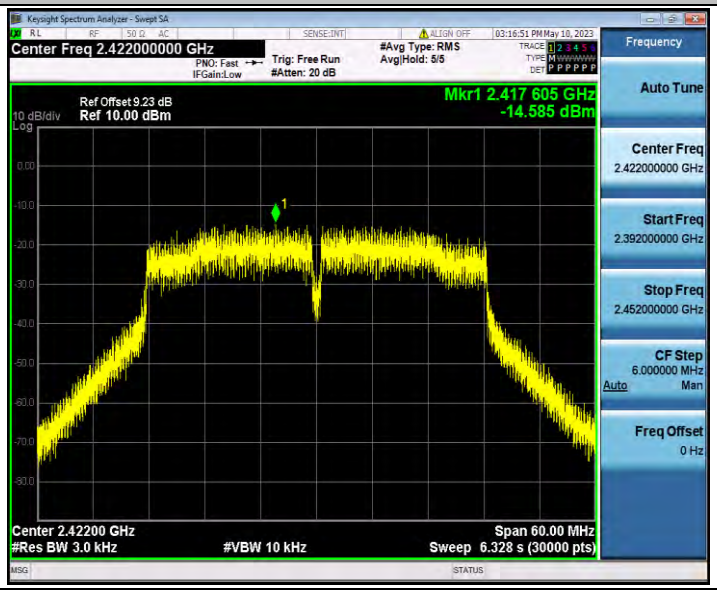

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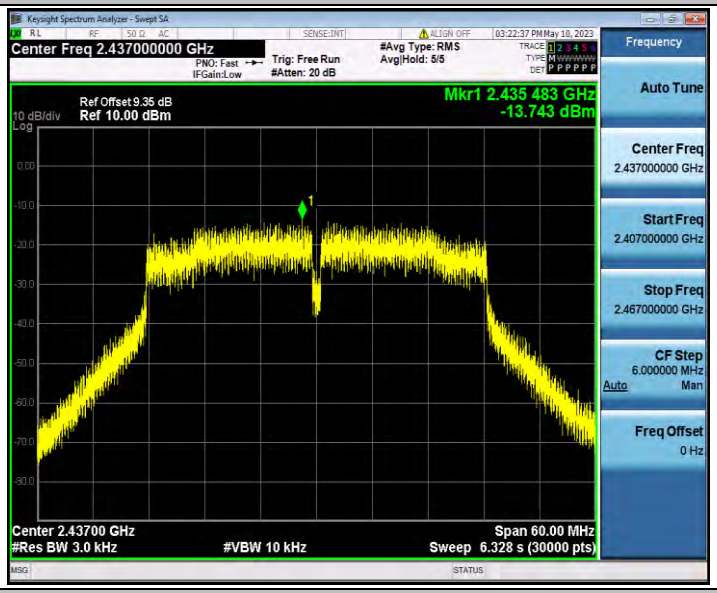
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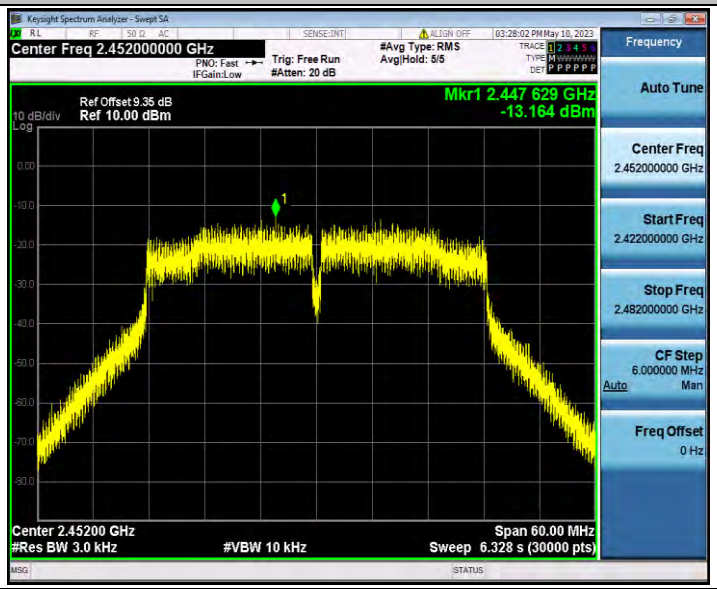
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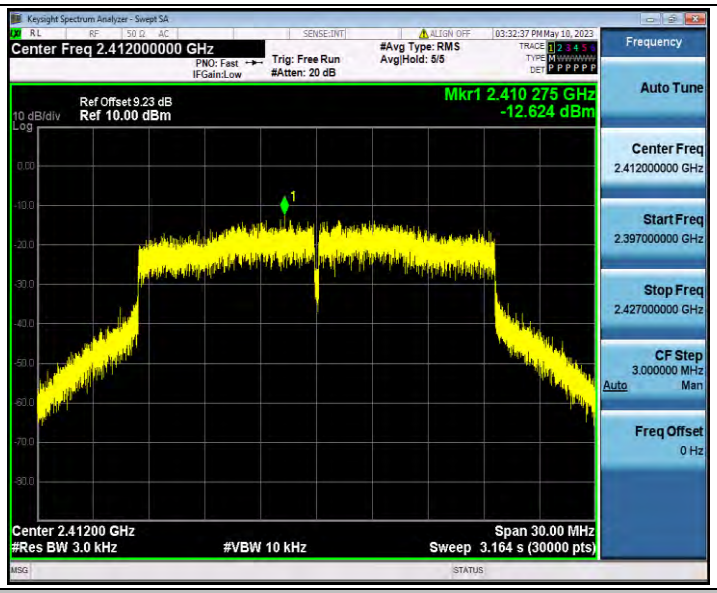
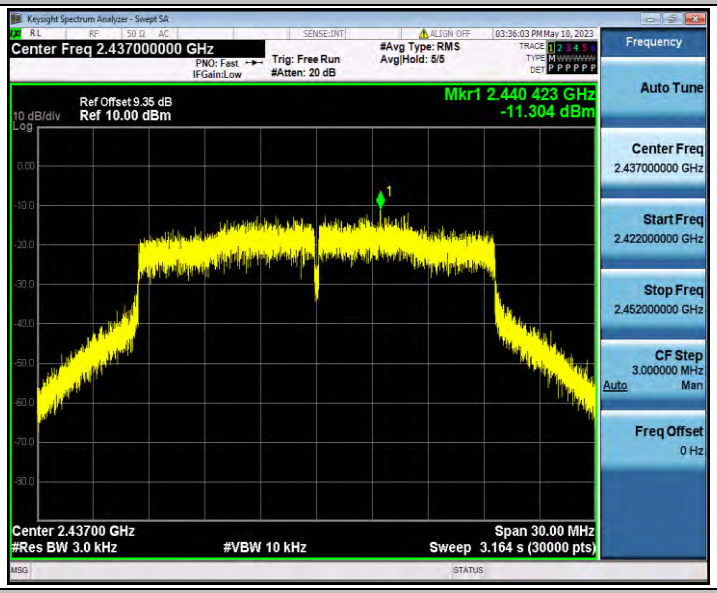


11AX20SISO_Ant1_2412



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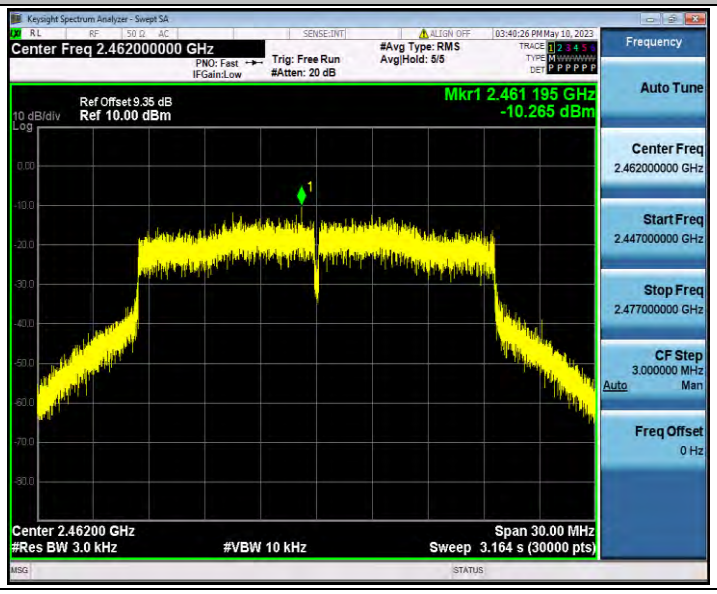
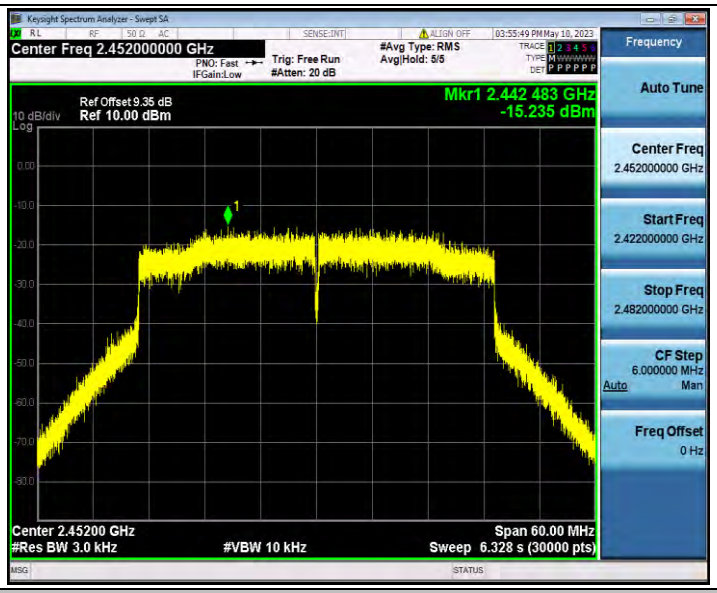


11AX20SISO_Ant1_2462

11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452