

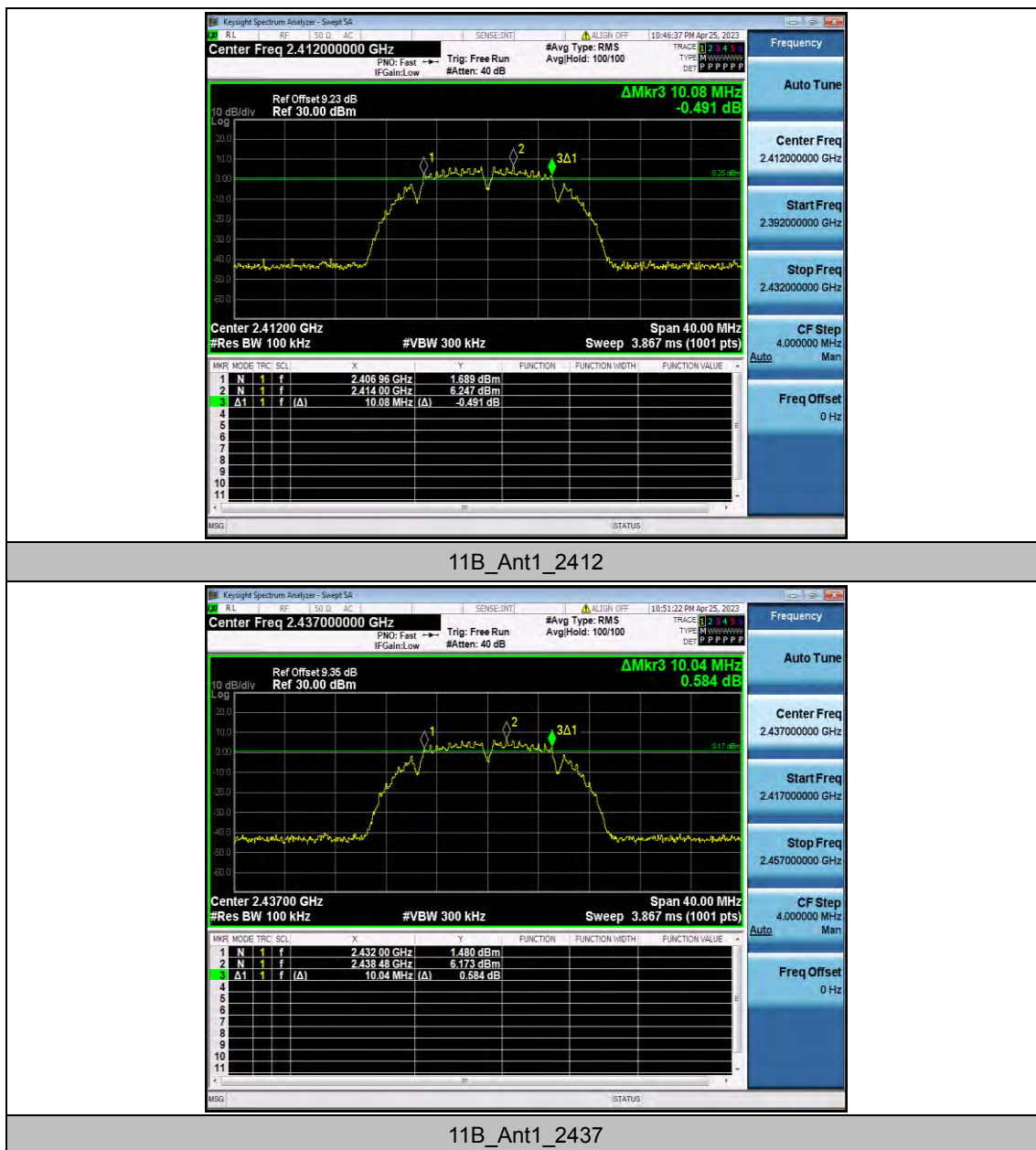
Case No. : <u>GTS20230420011-1-3</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.25</u>	Test Engineer: <u>Jenny zeng</u>

Appendix C.1: DTS Bandwidth

Test Result

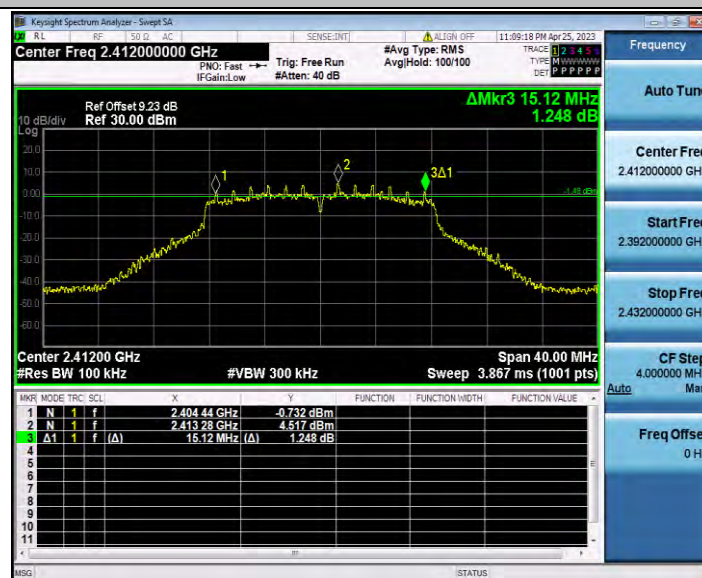
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.040	2432.000	2442.040	0.5	PASS
		2462	10.080	2456.960	2467.040	0.5	PASS
11G	Ant1	2412	15.120	2404.440	2419.560	0.5	PASS
		2437	13.400	2430.720	2444.120	0.5	PASS
		2462	13.080	2454.560	2467.640	0.5	PASS
11N20SISO	Ant1	2412	17.520	2403.240	2420.760	0.5	PASS
		2437	14.280	2429.600	2443.880	0.5	PASS
		2462	11.360	2456.920	2468.280	0.5	PASS
11N40SISO	Ant1	2422	29.600	2409.040	2438.640	0.5	PASS
		2437	30.720	2423.800	2454.520	0.5	PASS
		2452	28.240	2436.960	2465.200	0.5	PASS
11AX20SISO	Ant1	2412	14.880	2404.880	2419.760	0.5	PASS
		2437	16.000	2428.440	2444.440	0.5	PASS
		2462	16.600	2453.640	2470.240	0.5	PASS
11AX40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.280	2419.480	2454.760	0.5	PASS
		2452	29.360	2435.760	2465.120	0.5	PASS

Test Graphs





11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



11N40SISO_Ant1_2422



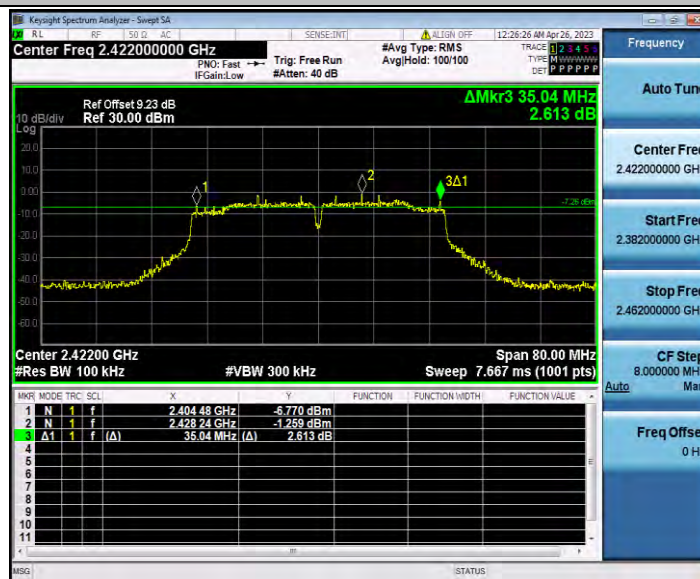
11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



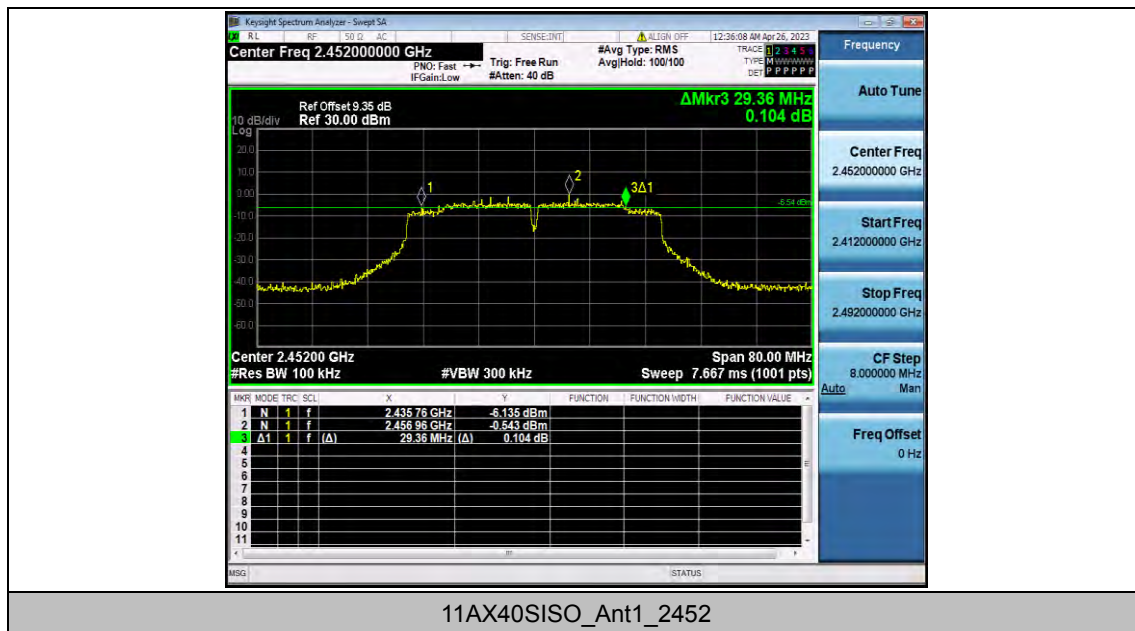
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437

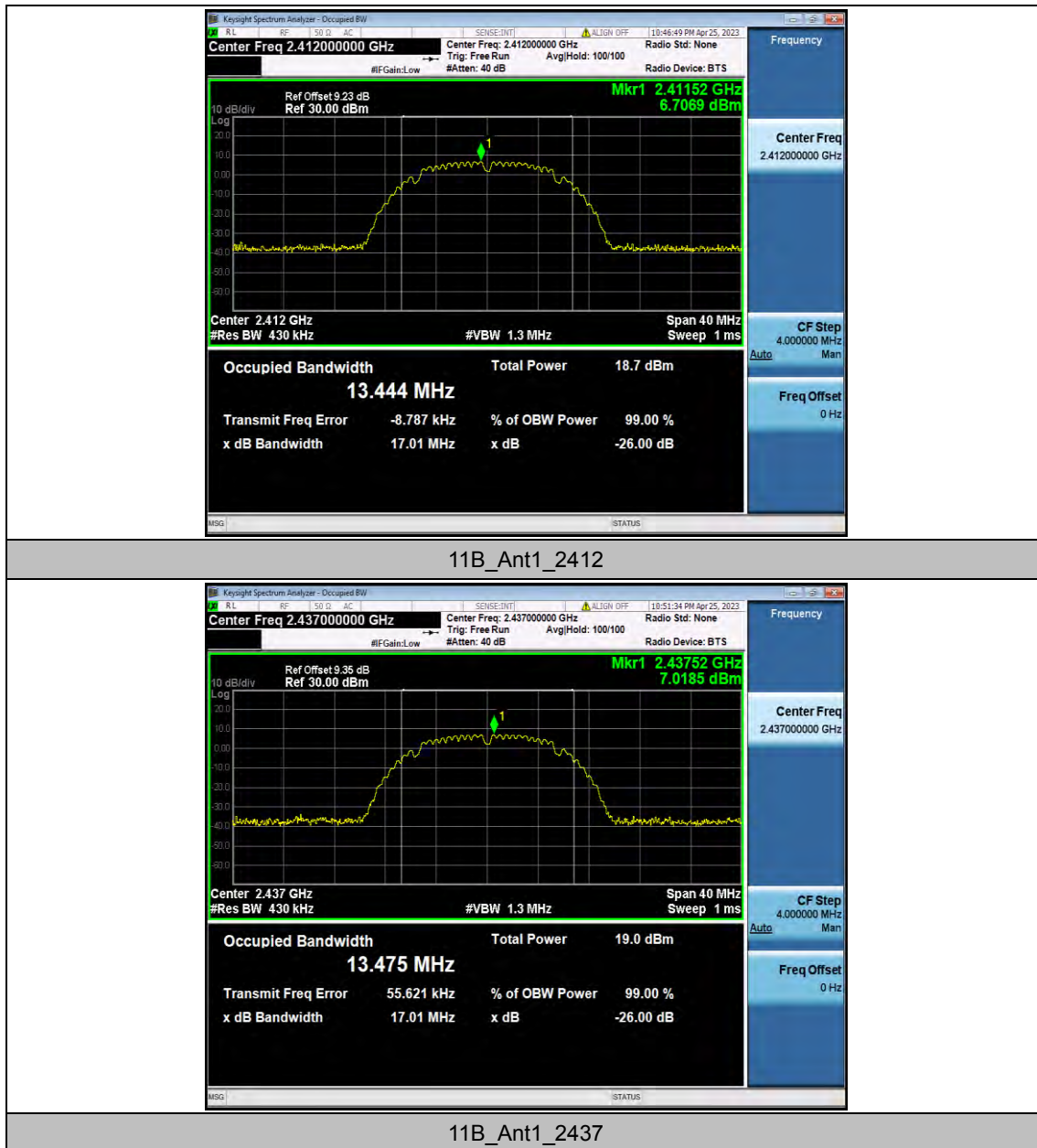


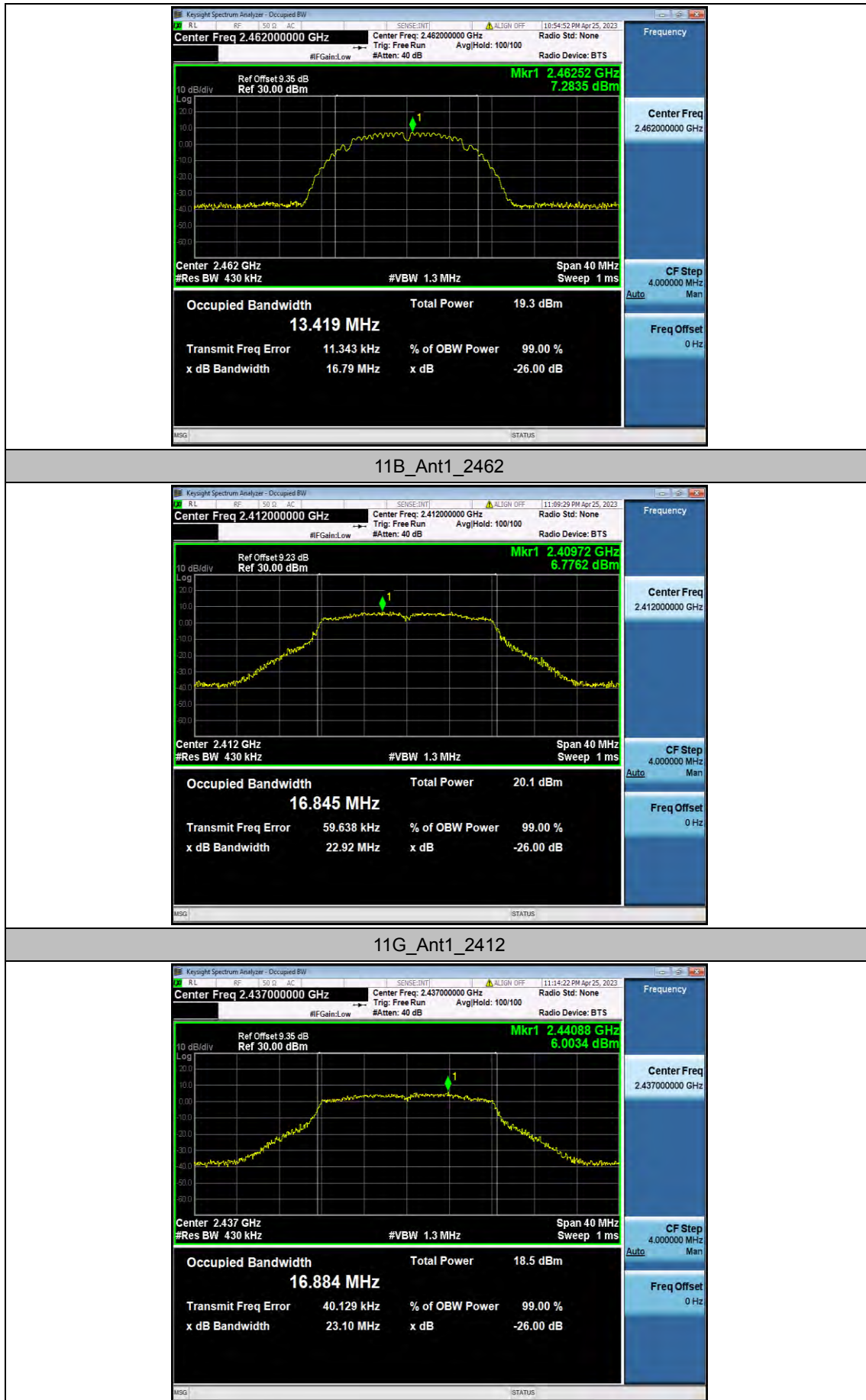
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.444	2405.269	2418.713	---	---
		2437	13.475	2430.318	2443.793	---	---
		2462	13.419	2455.302	2468.721	---	---
11G	Ant1	2412	16.845	2403.637	2420.482	---	---
		2437	16.884	2428.598	2445.482	---	---
		2462	16.897	2453.569	2470.466	---	---
11N20SISO	Ant1	2412	17.973	2403.007	2420.980	---	---
		2437	18.000	2428.011	2446.011	---	---
		2462	17.914	2453.060	2470.974	---	---
11N40SISO	Ant1	2422	36.112	2404.066	2440.178	---	---
		2437	36.146	2418.992	2455.138	---	---
		2452	36.006	2434.033	2470.039	---	---
11AX20SISO	Ant1	2412	18.964	2402.513	2421.477	---	---
		2437	18.960	2427.528	2446.488	---	---
		2462	19.032	2452.490	2471.522	---	---
11AX40SISO	Ant1	2422	36.179	2404.037	2440.216	---	---
		2437	36.184	2418.955	2455.139	---	---
		2452	35.987	2434.037	2470.024	---	---

Test Graphs

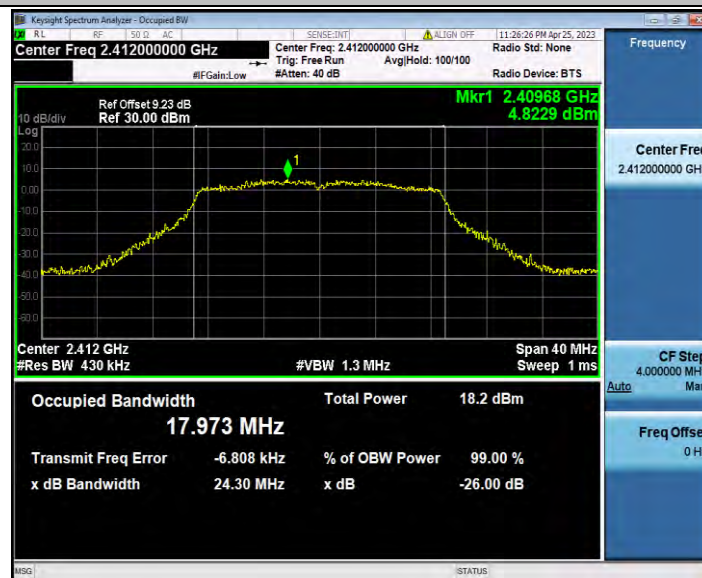




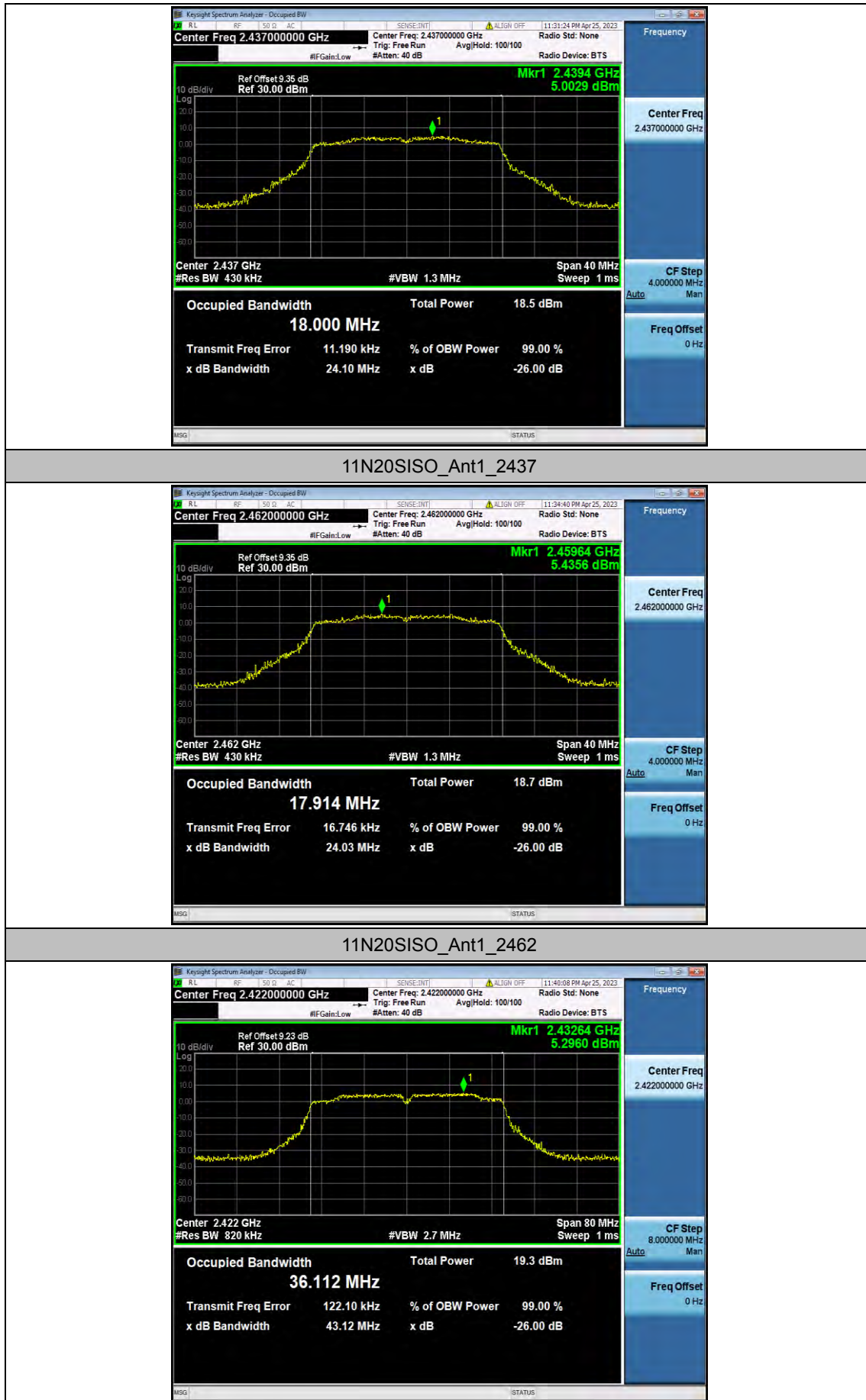
11G_Ant1_2437



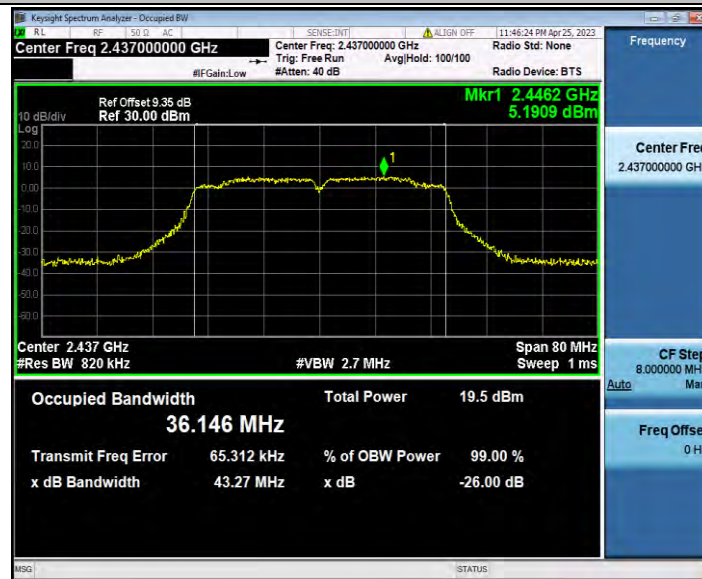
11G_Ant1_2462



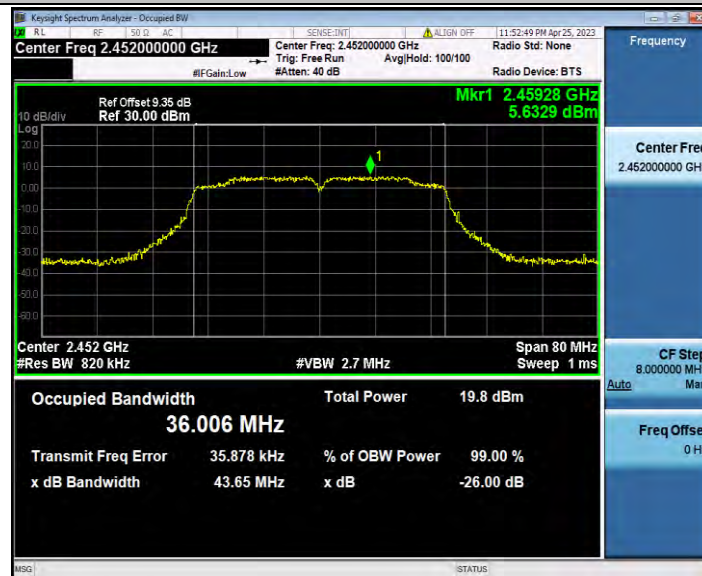
11N20SISO_Ant1_2412



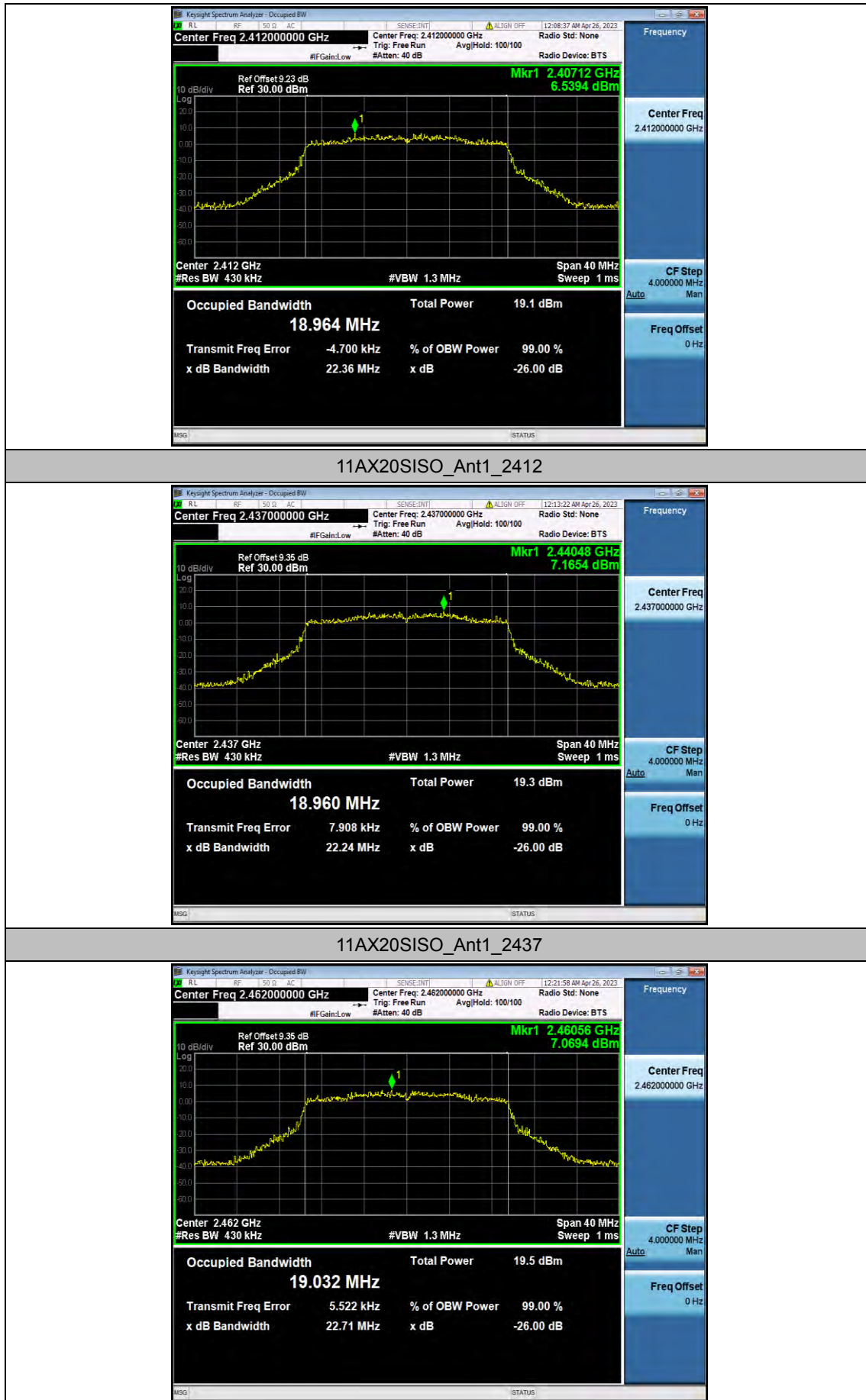
11N40SISO_Ant1_2422



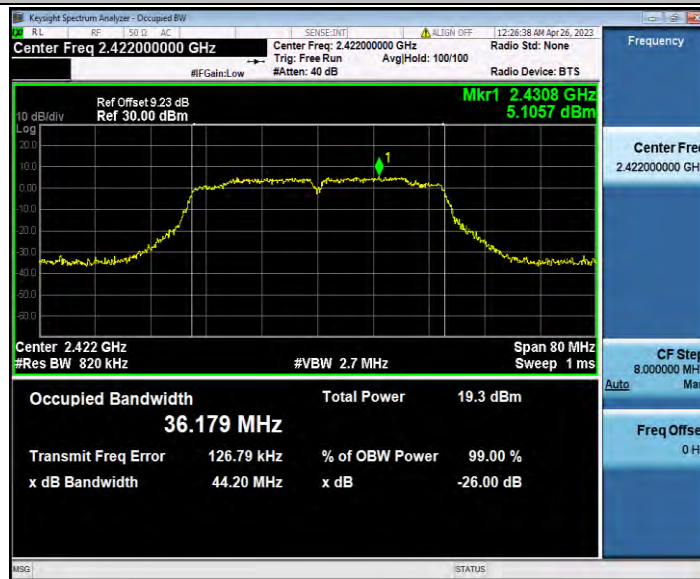
11N40SISO_Ant1_2437



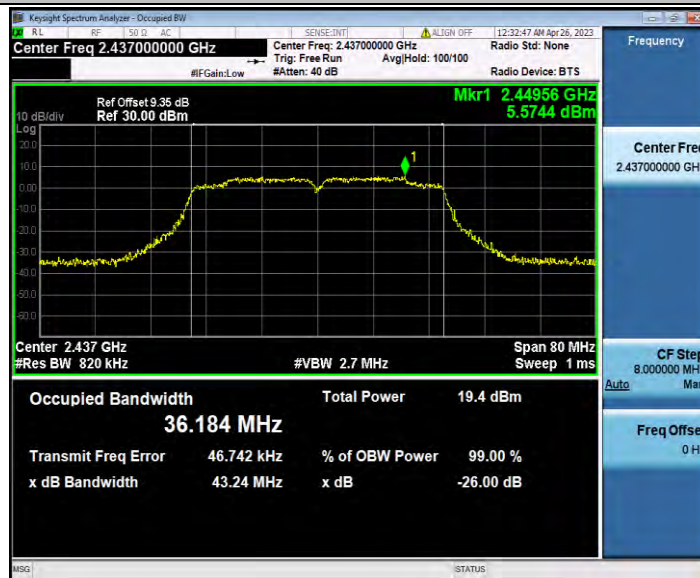
11N40SISO_Ant1_2452



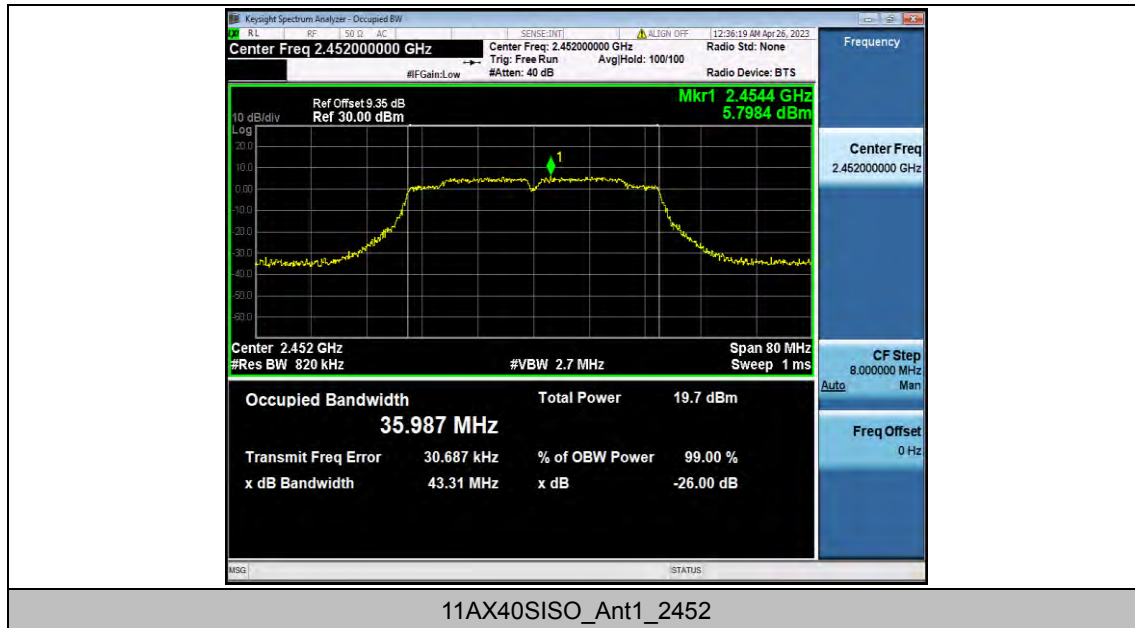
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

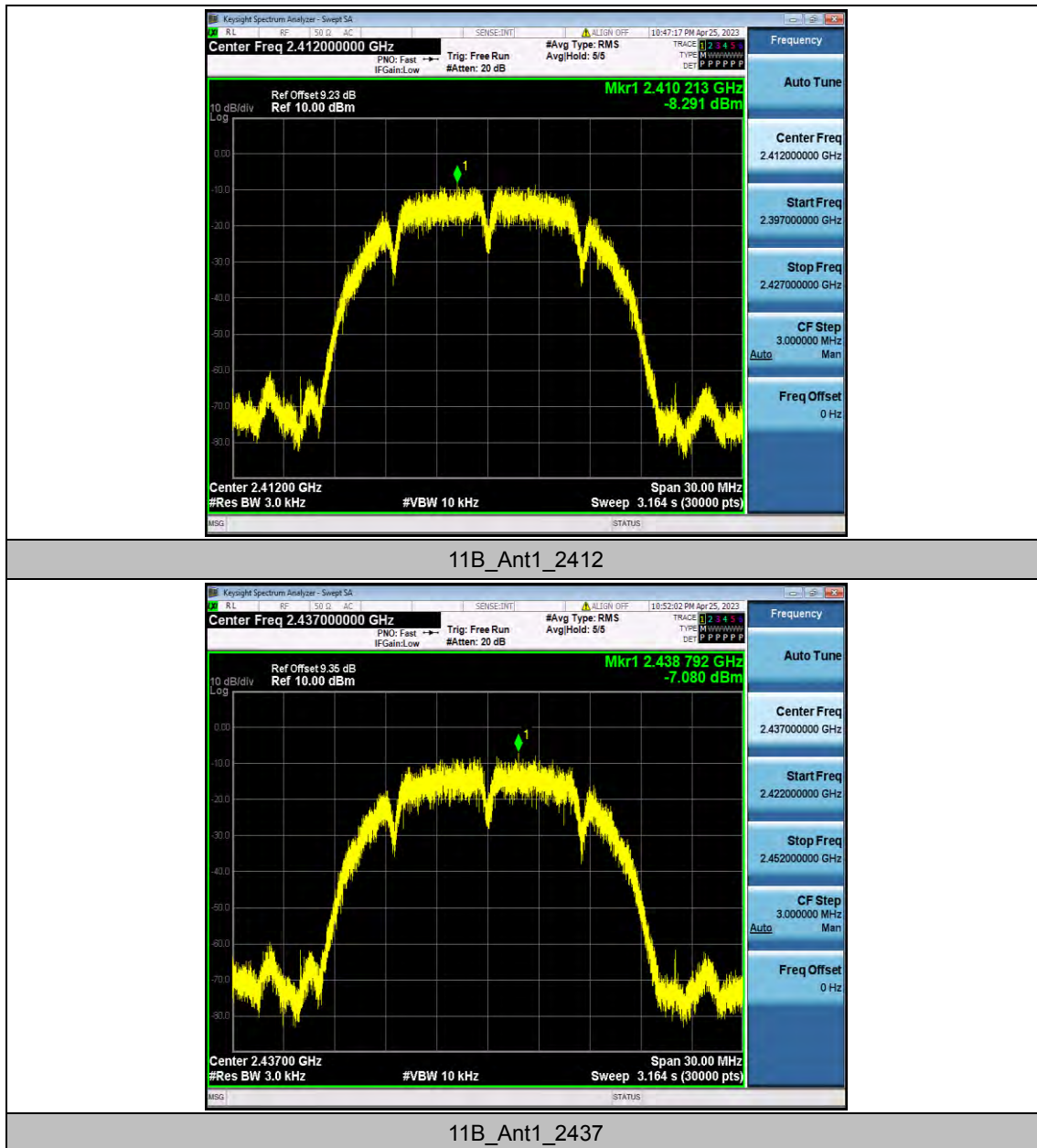
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.72	≤30.00	PASS
		2437	19.03	≤30.00	PASS
		2462	19.30	≤30.00	PASS
11G	Ant1	2412	21.20	≤30.00	PASS
		2437	19.61	≤30.00	PASS
		2462	19.82	≤30.00	PASS
11N20SISO	Ant1	2412	19.28	≤30.00	PASS
		2437	19.54	≤30.00	PASS
		2462	19.75	≤30.00	PASS
11N40SISO	Ant1	2422	19.58	≤30.00	PASS
		2437	19.72	≤30.00	PASS
		2452	20.10	≤30.00	PASS
11AX20SISO	Ant1	2412	19.58	≤30.00	PASS
		2437	19.99	≤30.00	PASS
		2462	20.05	≤30.00	PASS
11AX40SISO	Ant1	2422	19.53	≤30.00	PASS
		2437	19.78	≤30.00	PASS
		2452	20.03	≤30.00	PASS

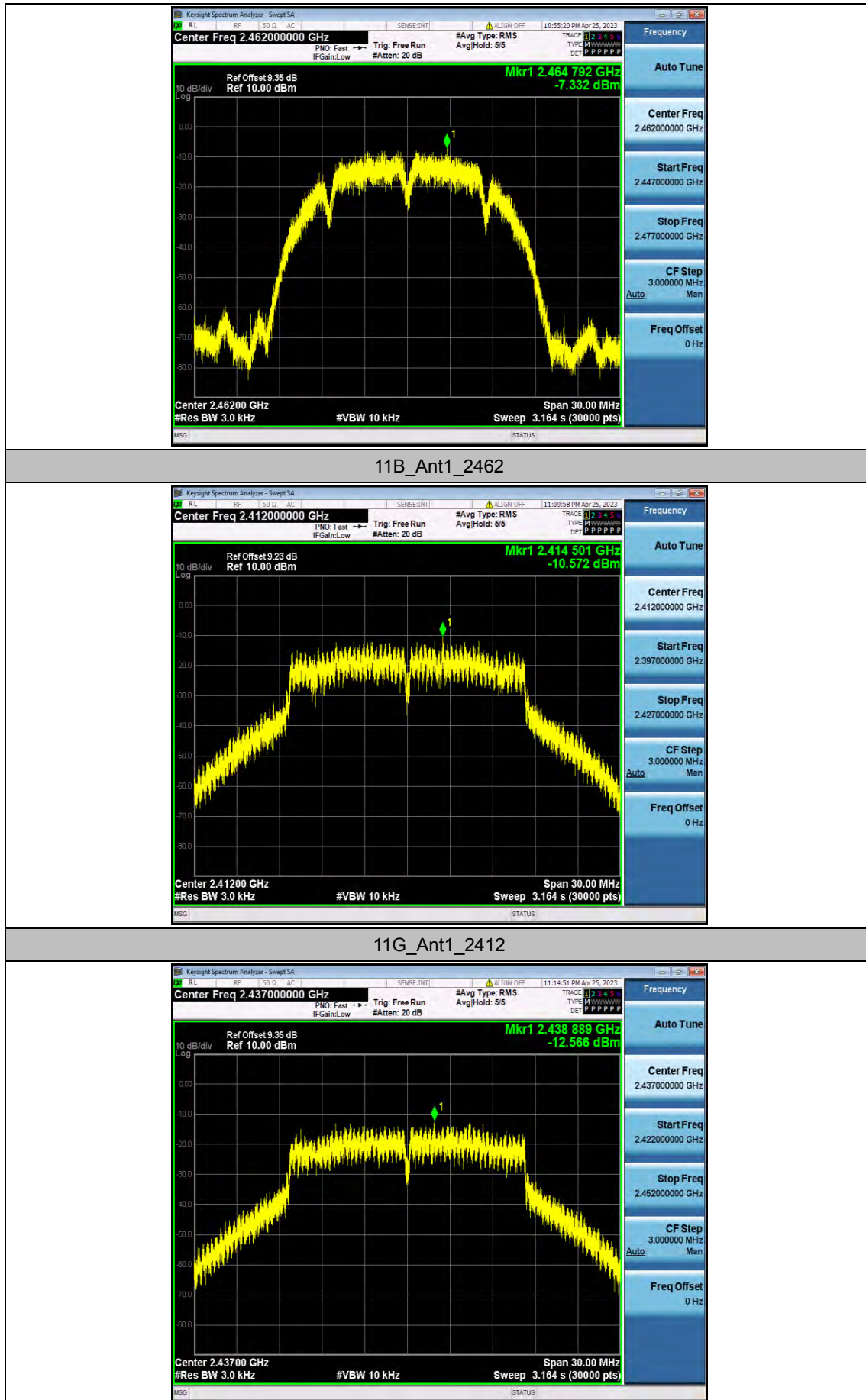
Appendix C.4: Maximum power spectral density

Test Result

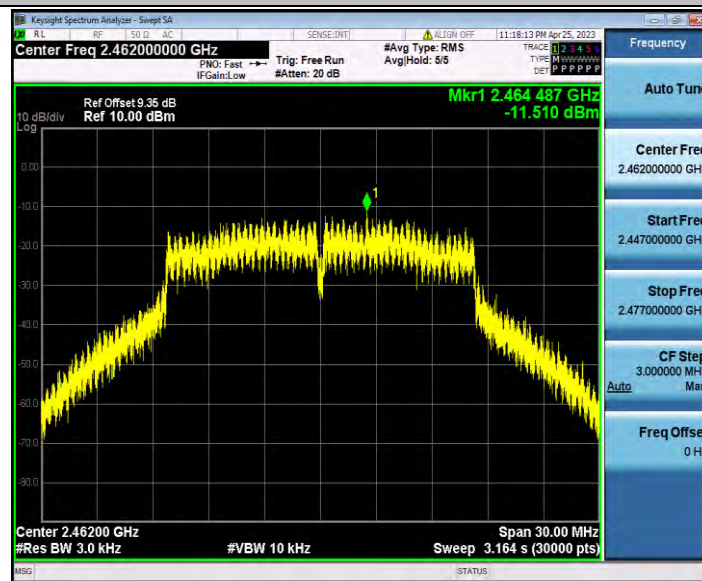
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.29	≤8.00	PASS
		2437	-7.08	≤8.00	PASS
		2462	-7.33	≤8.00	PASS
11G	Ant1	2412	-10.57	≤8.00	PASS
		2437	-12.57	≤8.00	PASS
		2462	-11.51	≤8.00	PASS
11N20SISO	Ant1	2412	-12.93	≤8.00	PASS
		2437	-12	≤8.00	PASS
		2462	-12.48	≤8.00	PASS
11N40SISO	Ant1	2422	-15.28	≤8.00	PASS
		2437	-14.79	≤8.00	PASS
		2452	-15.62	≤8.00	PASS
11AX20SISO	Ant1	2412	-13.72	≤8.00	PASS
		2437	-12.65	≤8.00	PASS
		2462	-14.08	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.67	≤8.00	PASS
		2437	-15.54	≤8.00	PASS
		2452	-14.51	≤8.00	PASS

Test Graphs

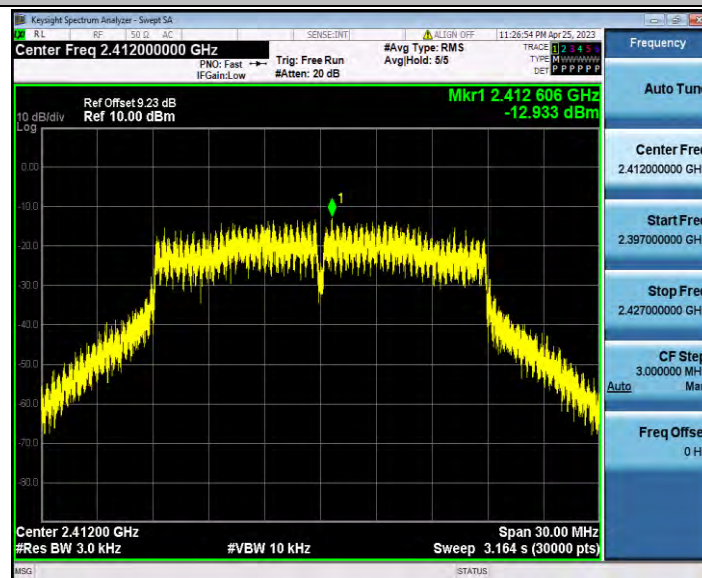




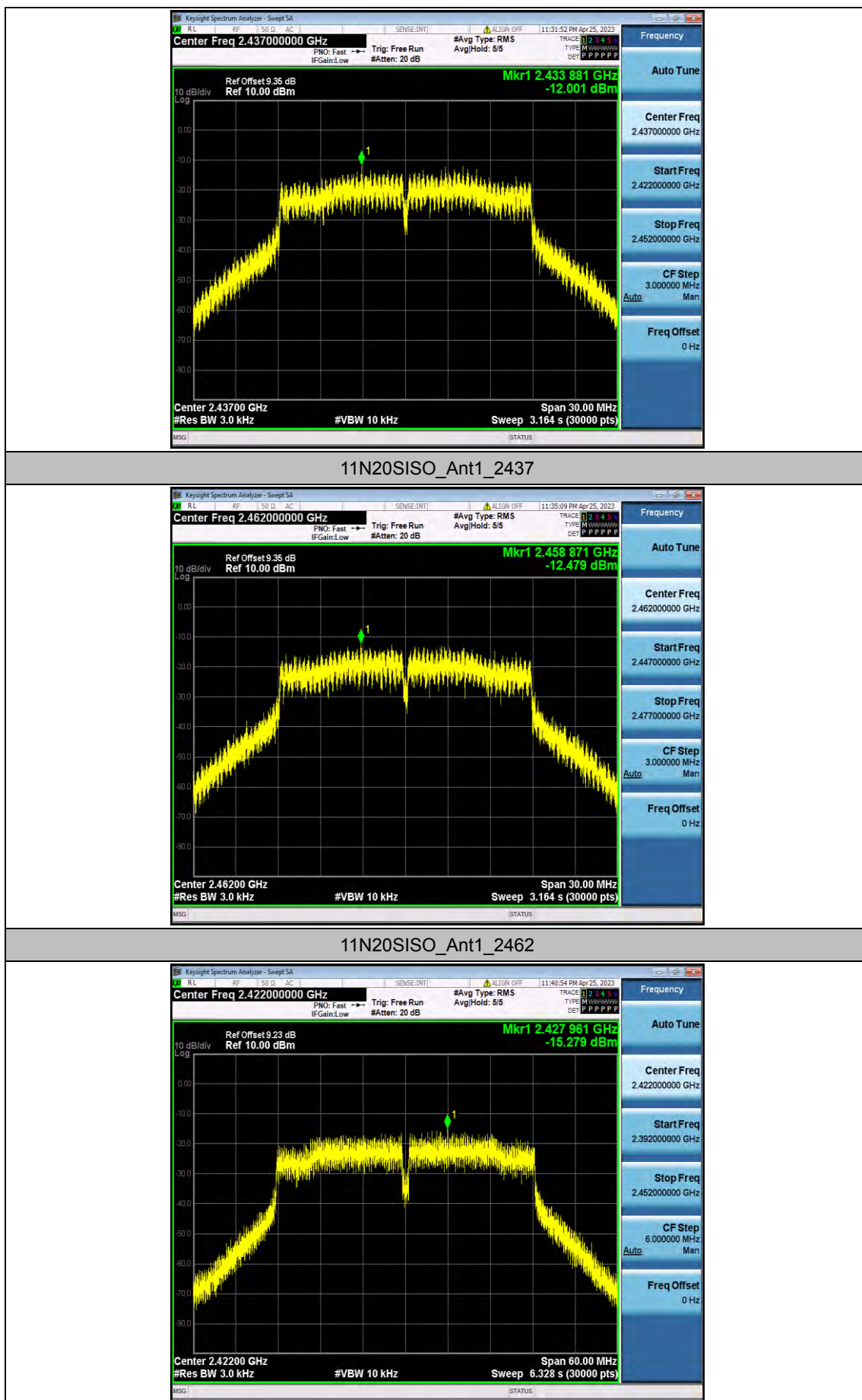
11G_Ant1_2437



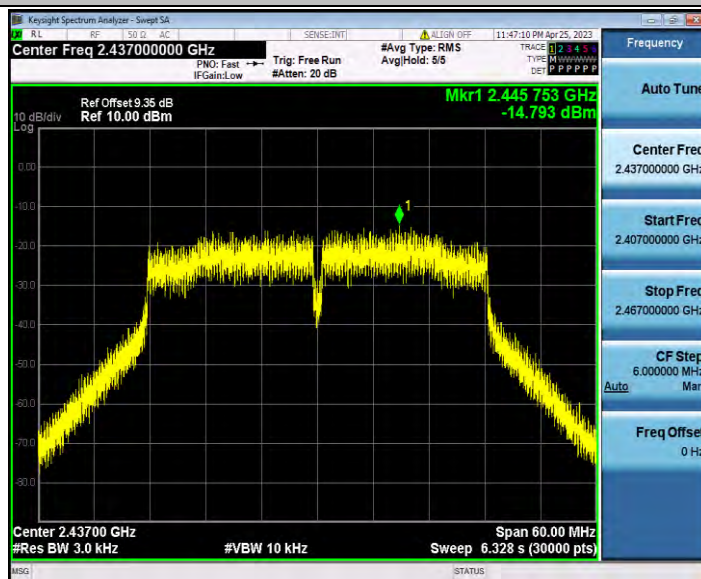
11G_Ant1_2462



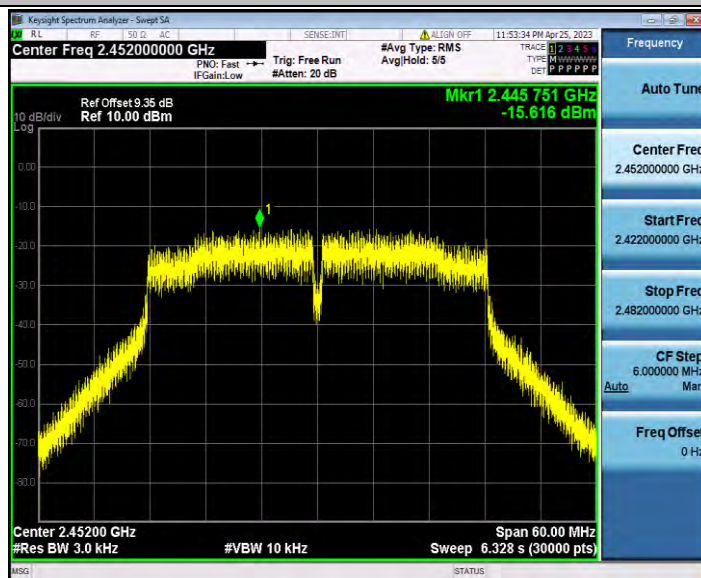
11N20SISO_Ant1_2412



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



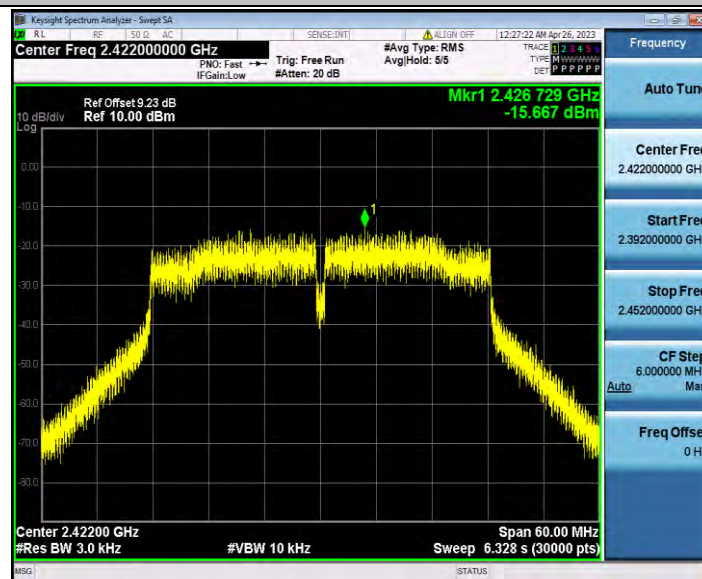
11AX20SISO_Ant1_2412



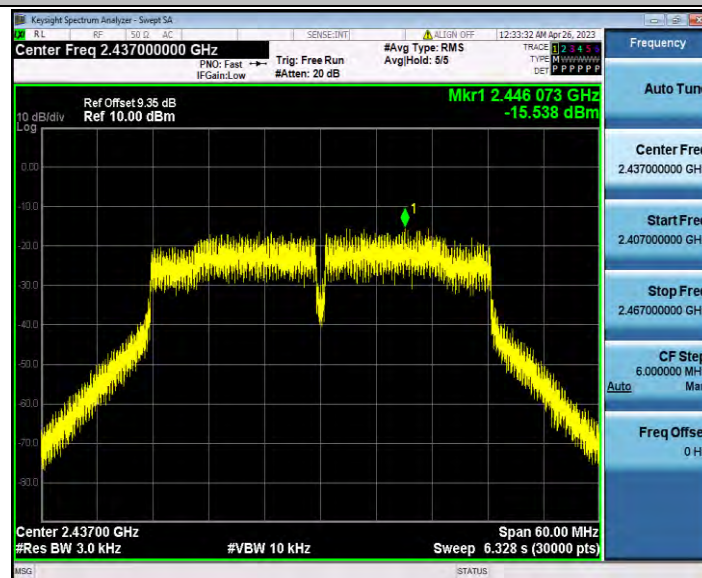
11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437

