

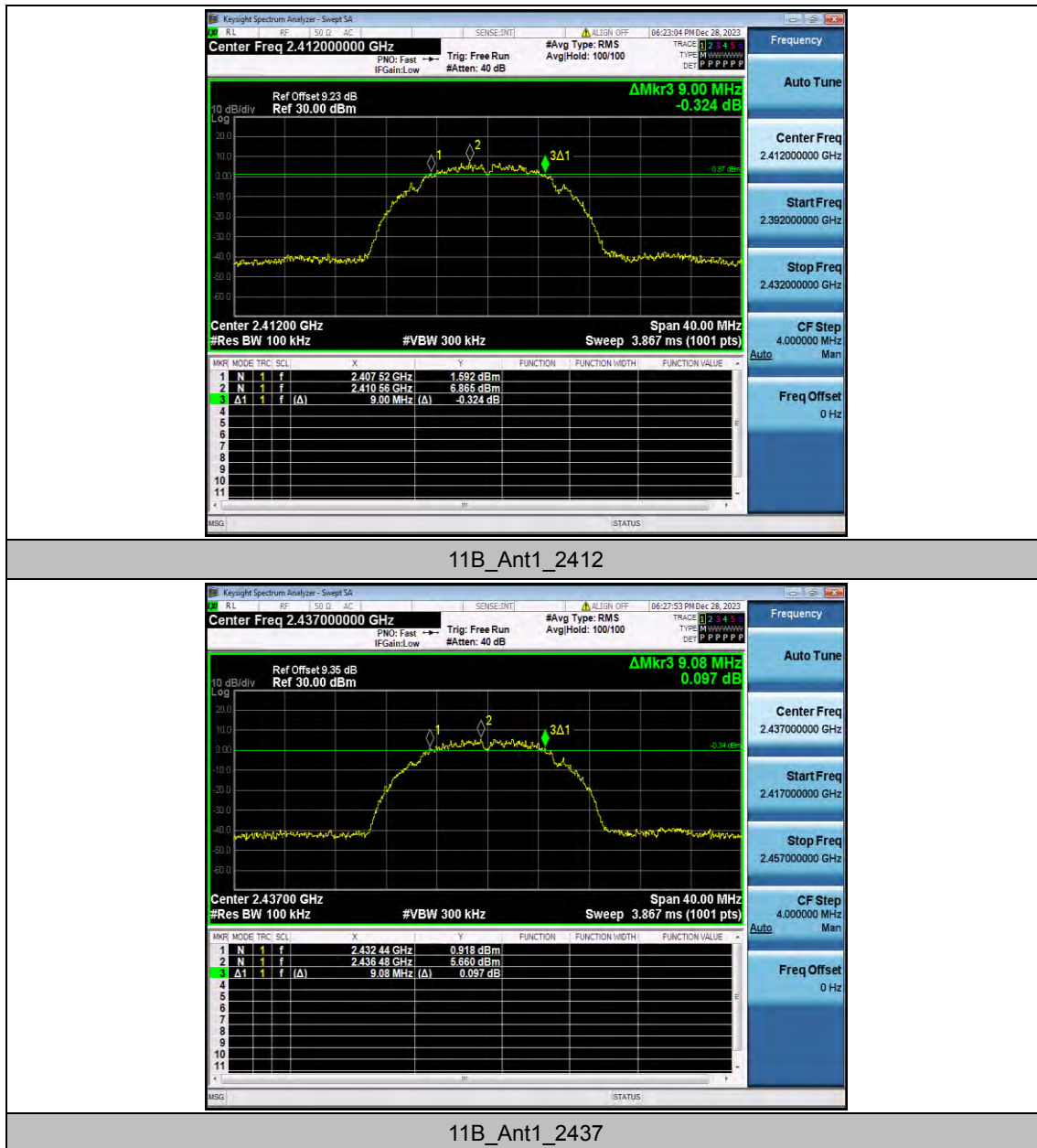
Case No. : GTS20231219004-1-1	
Ambient Condition: 23 °C, 48 %RH, Atmos100.1Kpa,	
Test Date: 2023.12.28	Test Engineer: Evan ouyang

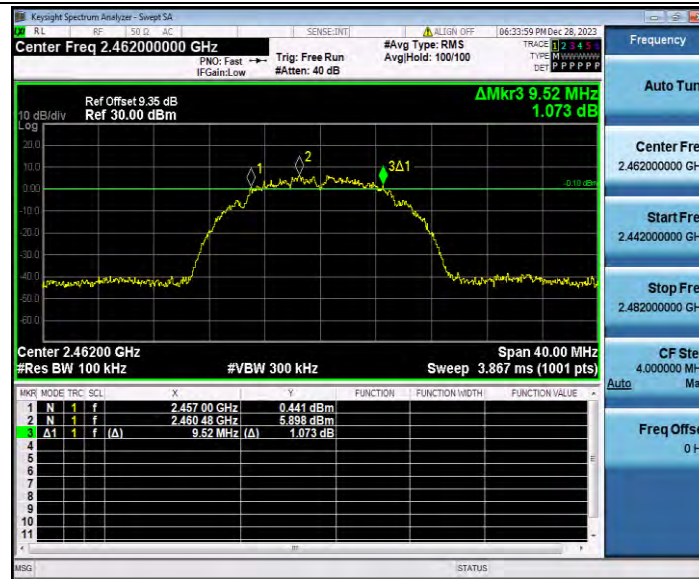
Appendix A.1: DTS Bandwidth

Test Result

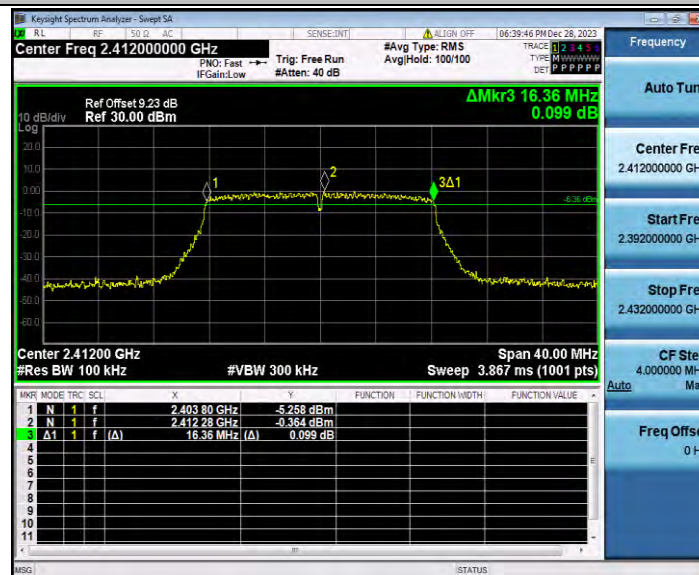
Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.000	2407.520	2416.520	0.5	PASS
		2437	9.080	2432.440	2441.520	0.5	PASS
		2462	9.520	2457.000	2466.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.080	2453.840	2469.920	0.5	PASS
11N20SISO	Ant1	2412	17.040	2403.440	2420.480	0.5	PASS
		2437	16.760	2428.640	2445.400	0.5	PASS
		2462	16.120	2453.640	2469.760	0.5	PASS
11N40SISO	Ant1	2422	26.880	2408.000	2434.880	0.5	PASS
		2437	28.960	2423.000	2451.960	0.5	PASS
		2452	26.560	2438.480	2465.040	0.5	PASS
11AX20SISO	Ant1	2412	17.040	2403.280	2420.320	0.5	PASS
		2437	16.640	2428.600	2445.240	0.5	PASS
		2462	16.880	2453.560	2470.440	0.5	PASS

Test Graphs

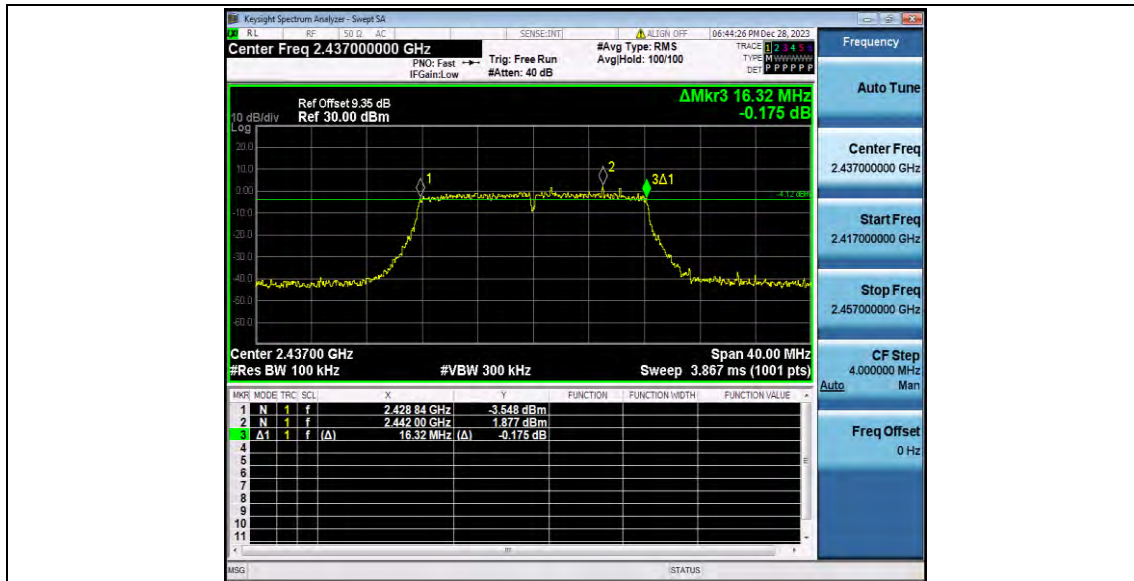




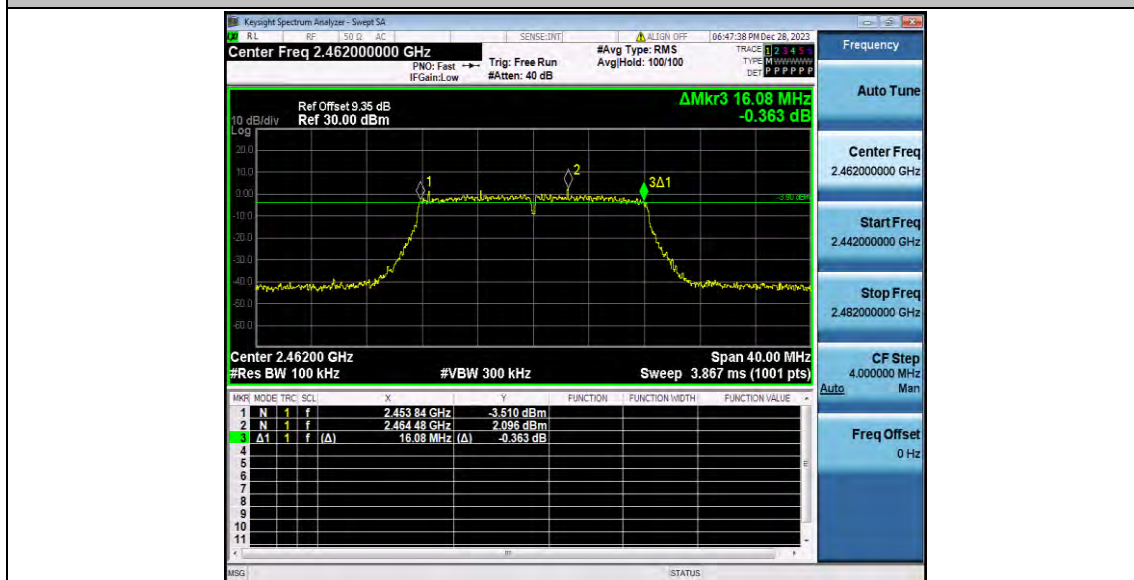
11B_Ant1_2462



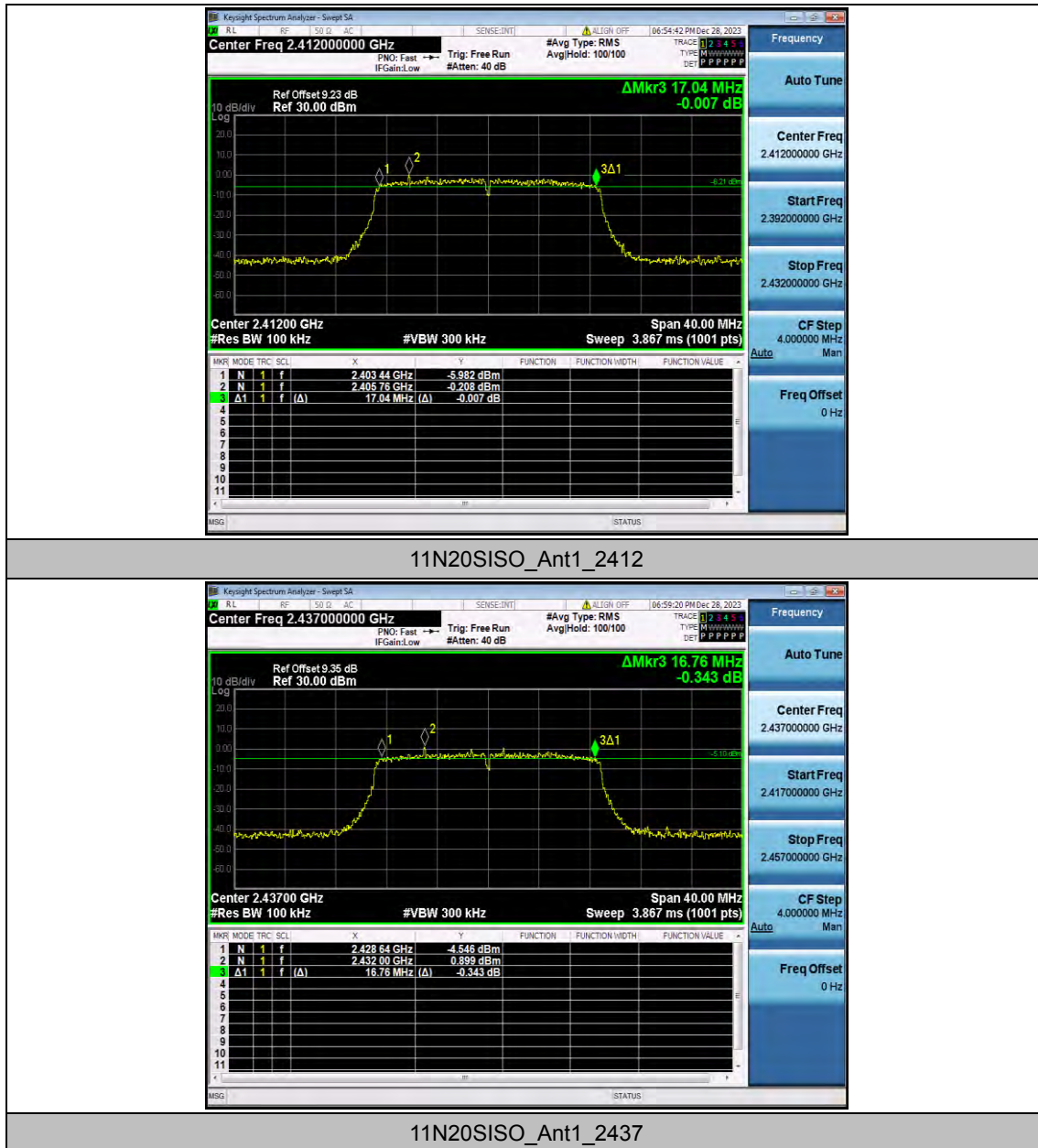
11G_Ant1_2412

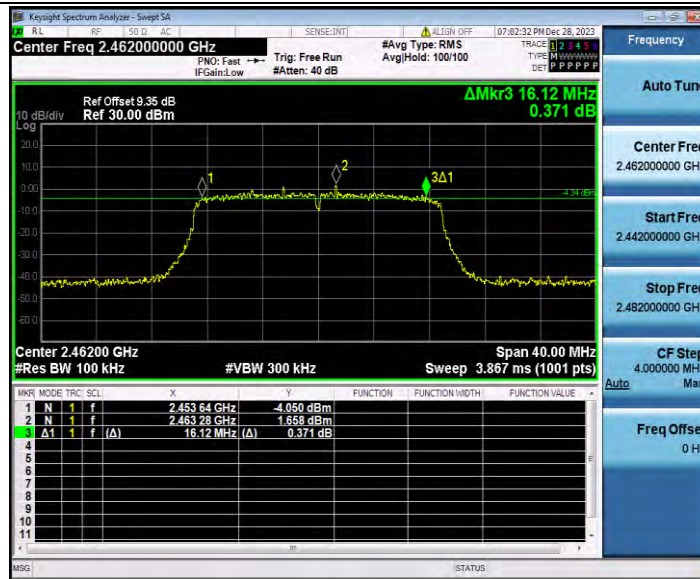


11G_Ant1_2437

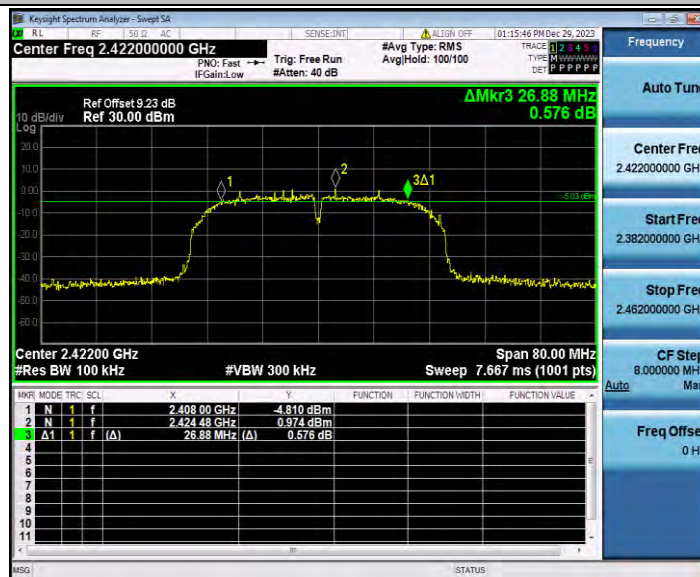


11G_Ant1_2462

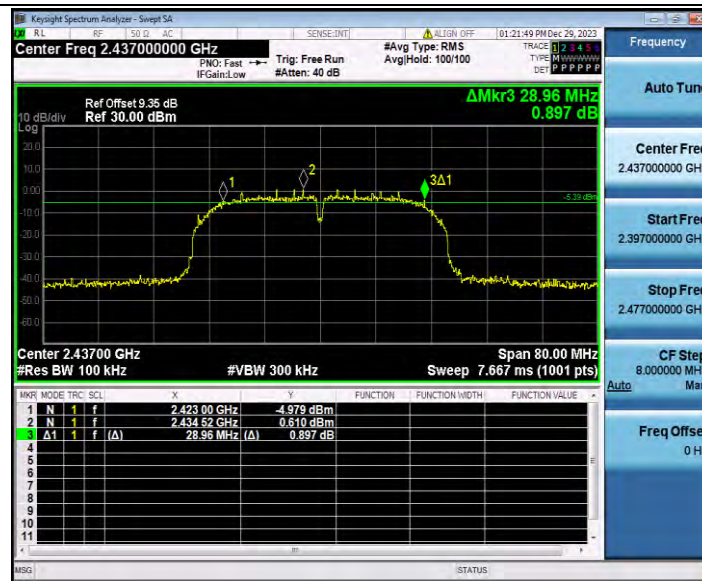




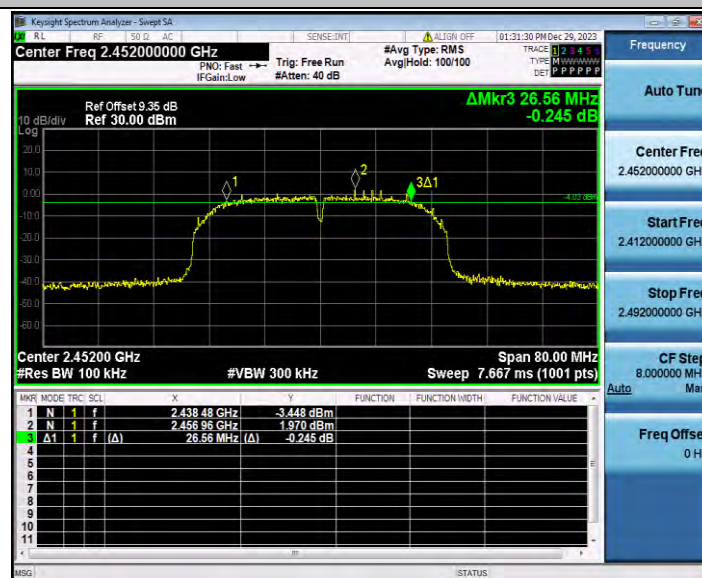
11N20SISO_Ant1_2462



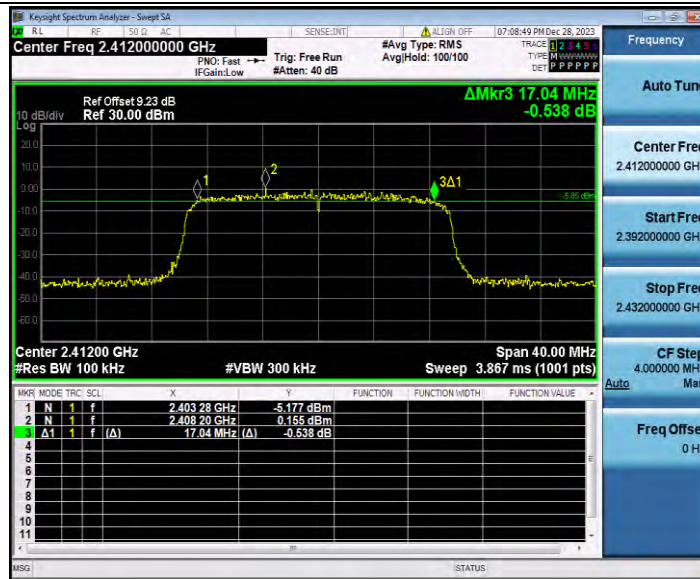
11N40SISO_Ant1_2422



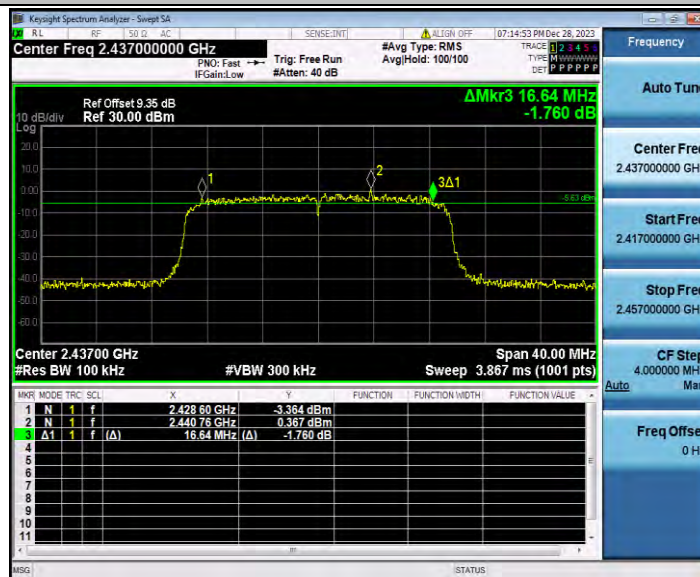
11N40SISO_Ant1_2437



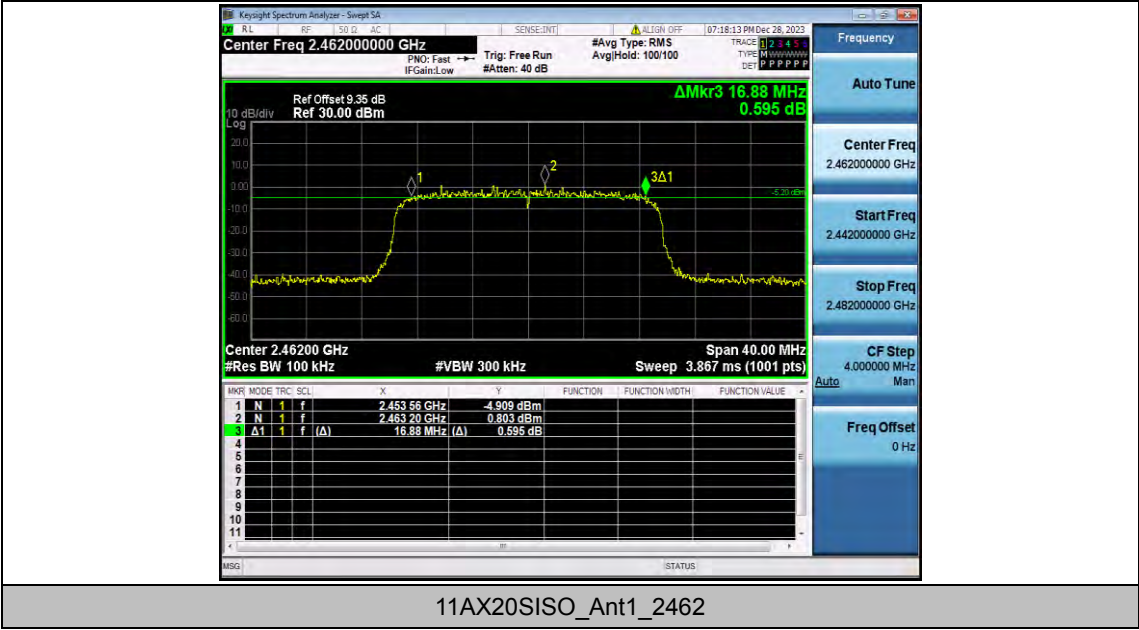
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437

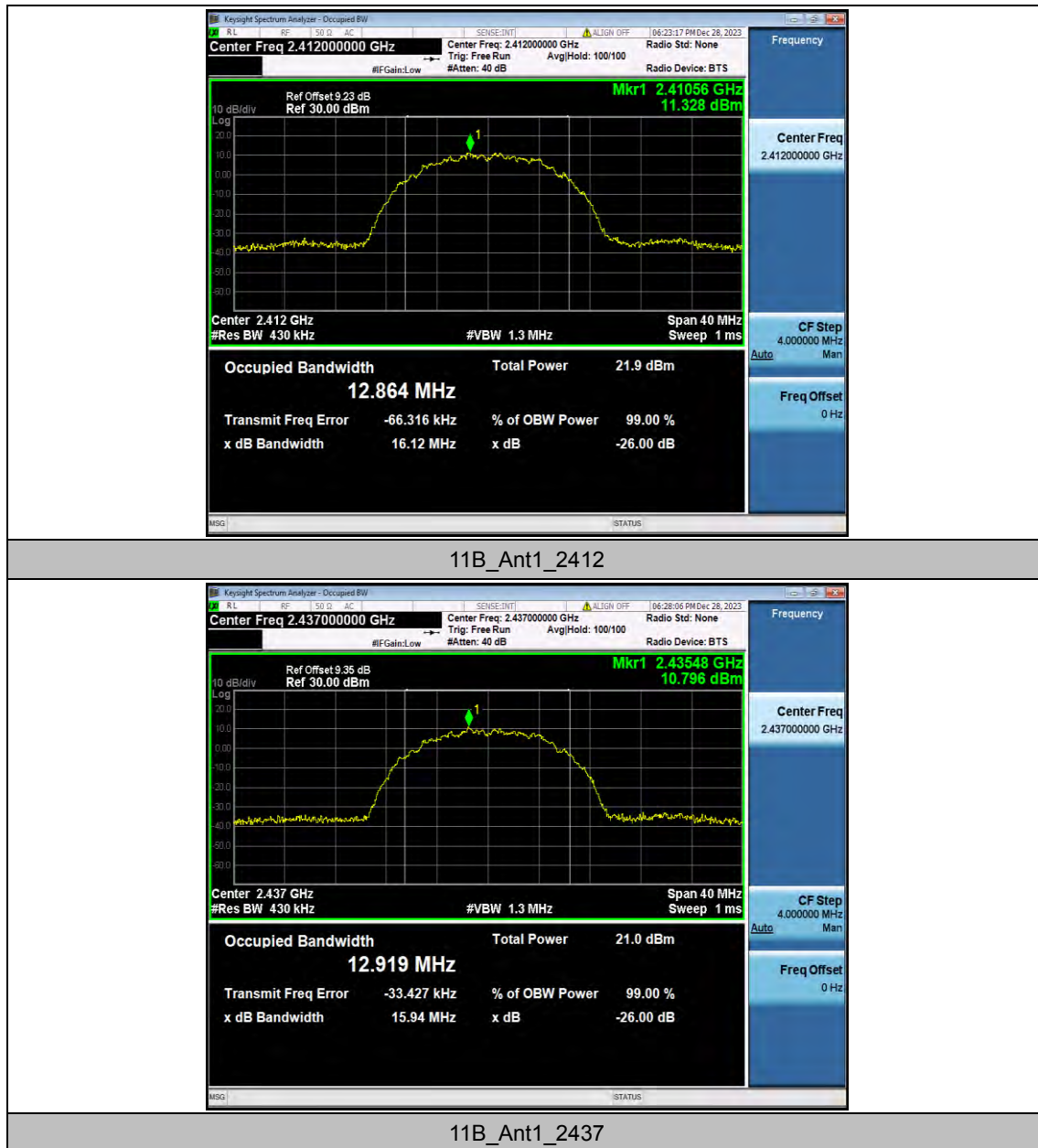


Appendix A.2: Occupied Channel Bandwidth

Test Result

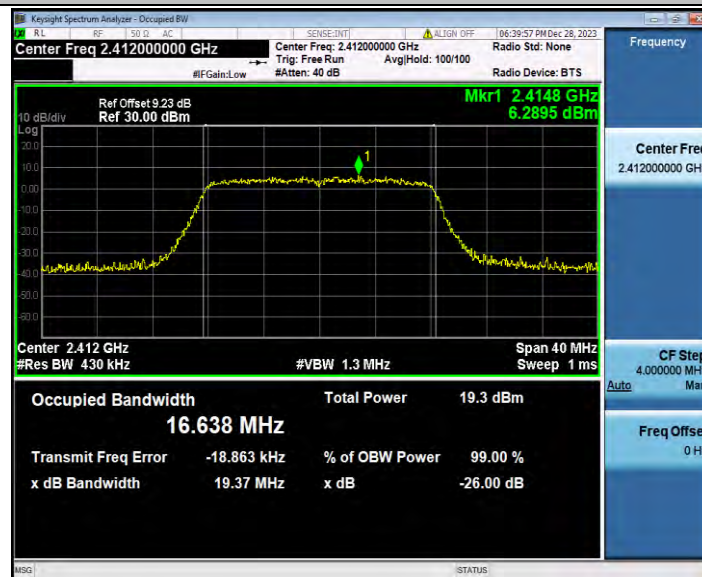
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.864	2405.502	2418.366	---	---
		2437	12.919	2430.507	2443.426	---	---
		2462	12.833	2455.527	2468.360	---	---
11G	Ant1	2412	16.638	2403.662	2420.300	---	---
		2437	16.592	2428.683	2445.275	---	---
		2462	16.595	2453.669	2470.264	---	---
11N20SISO	Ant1	2412	17.526	2403.209	2420.735	---	---
		2437	17.562	2428.217	2445.779	---	---
		2462	17.529	2453.220	2470.749	---	---
11N40SISO	Ant1	2422	33.099	2405.465	2438.564	---	---
		2437	33.134	2420.477	2453.611	---	---
		2452	32.944	2435.557	2468.501	---	---
11AX20SISO	Ant1	2412	18.417	2402.789	2421.206	---	---
		2437	18.471	2427.787	2446.258	---	---
		2462	18.403	2452.731	2471.134	---	---

Test Graphs

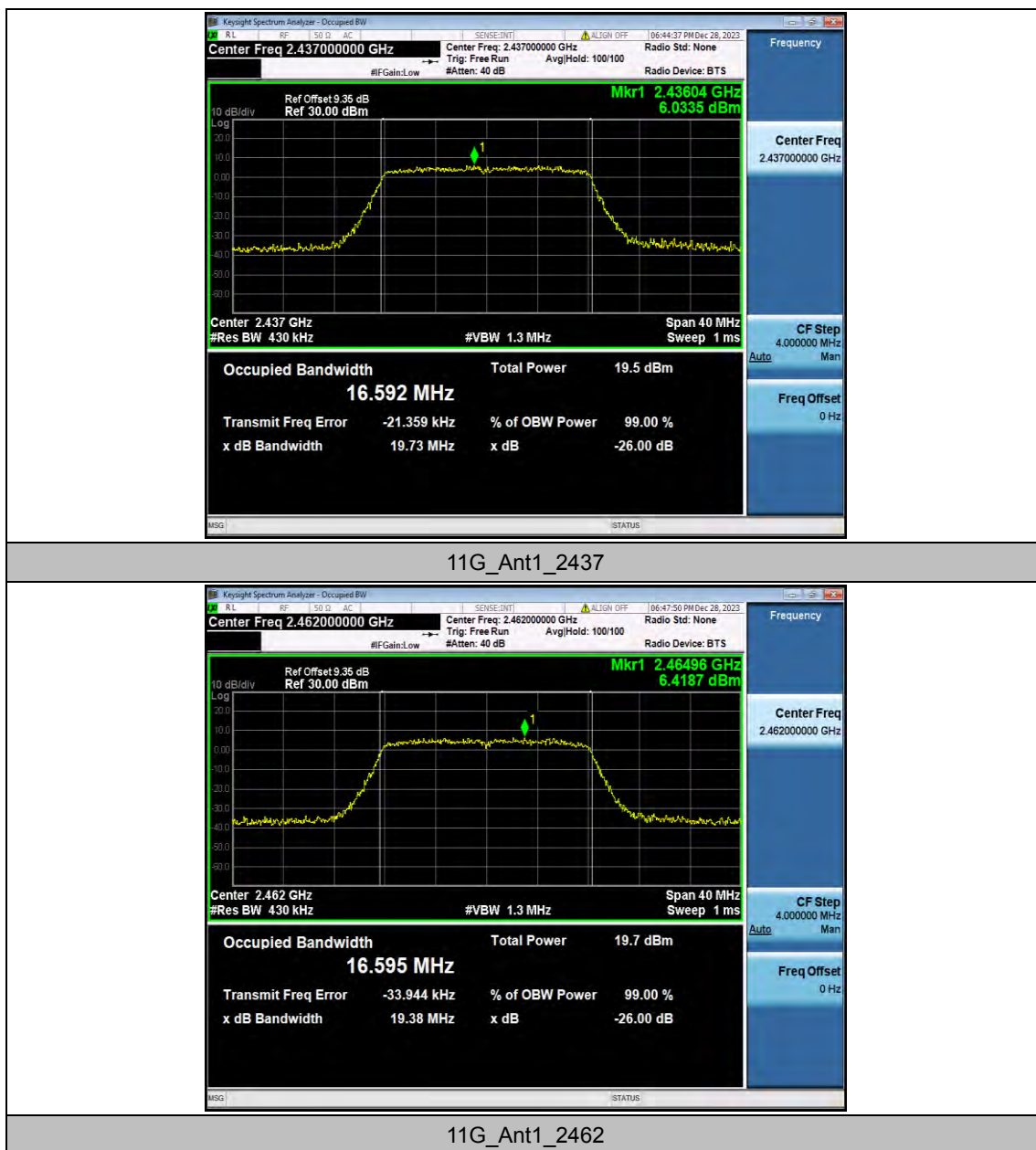


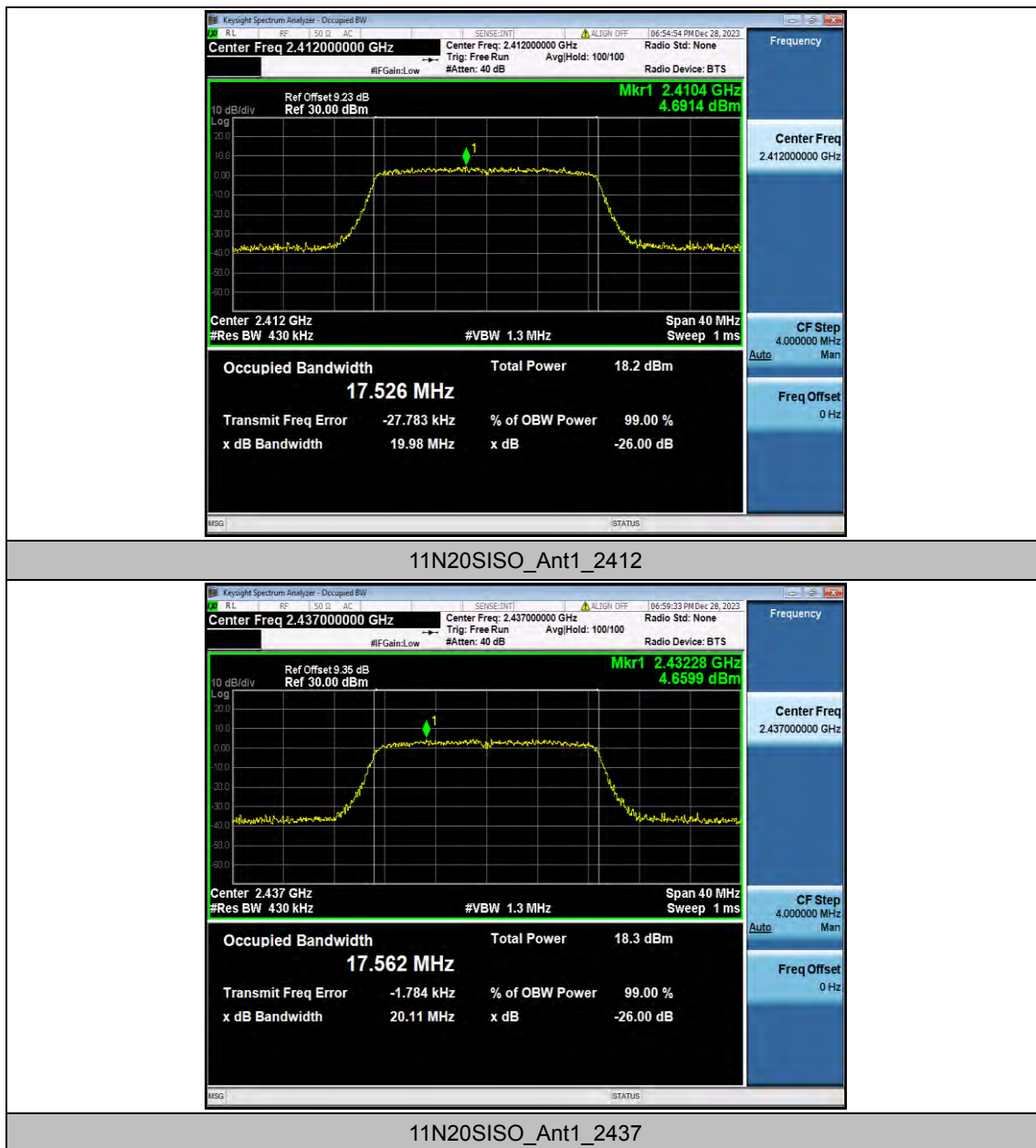


11B_Ant1_2462



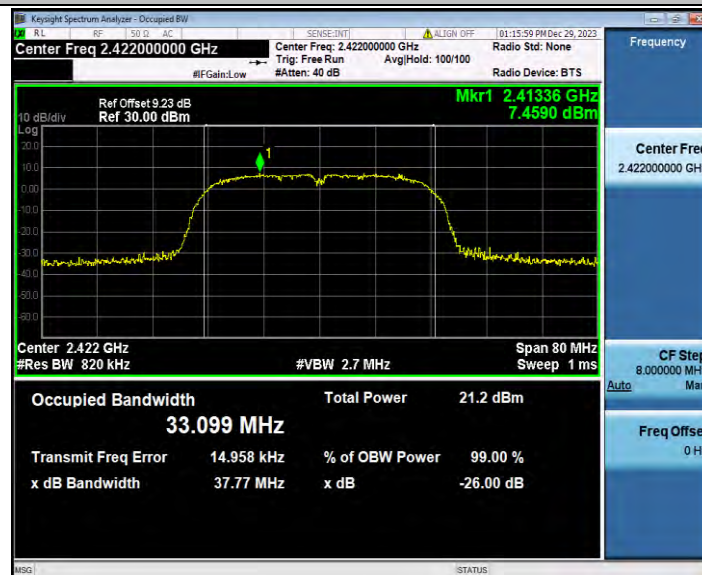
11G_Ant1_2412



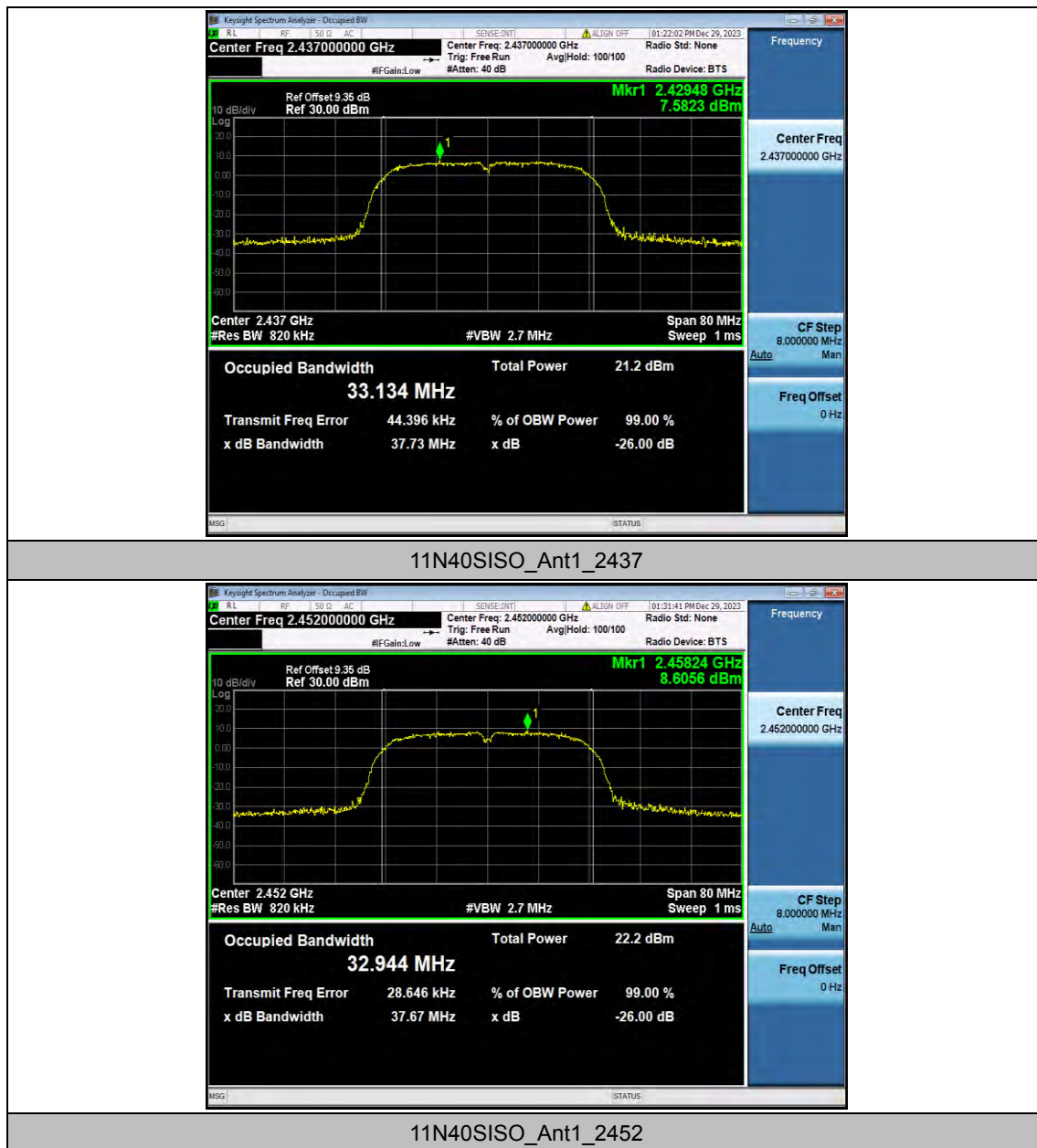


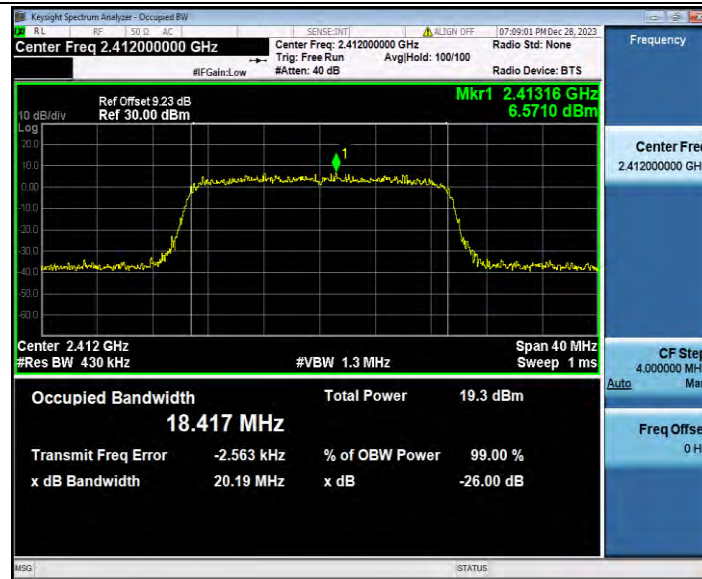


11N20SISO_Ant1_2462

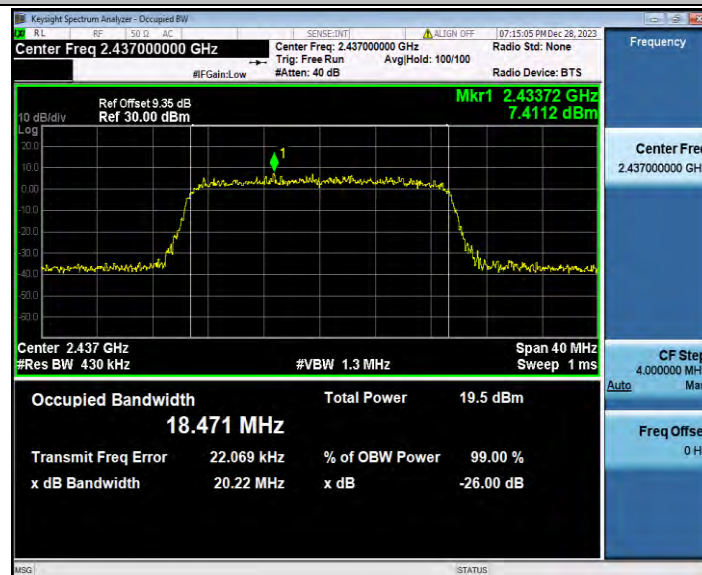


11N40SISO_Ant1_2422

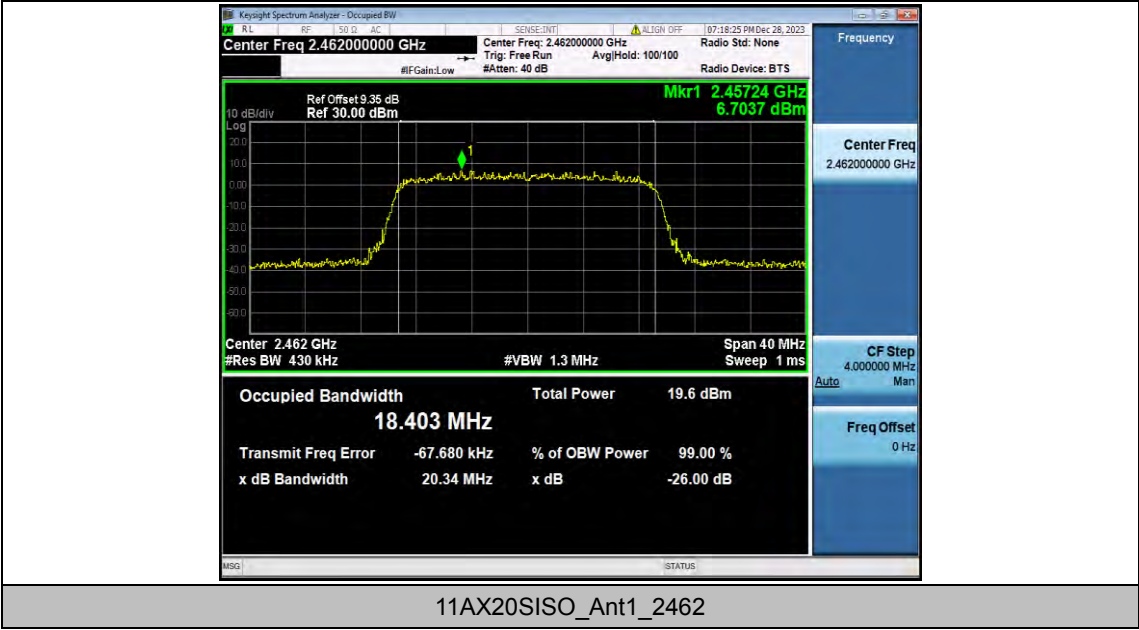




11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



Appendix A.3: Maximum conducted output power

Test Result Peak

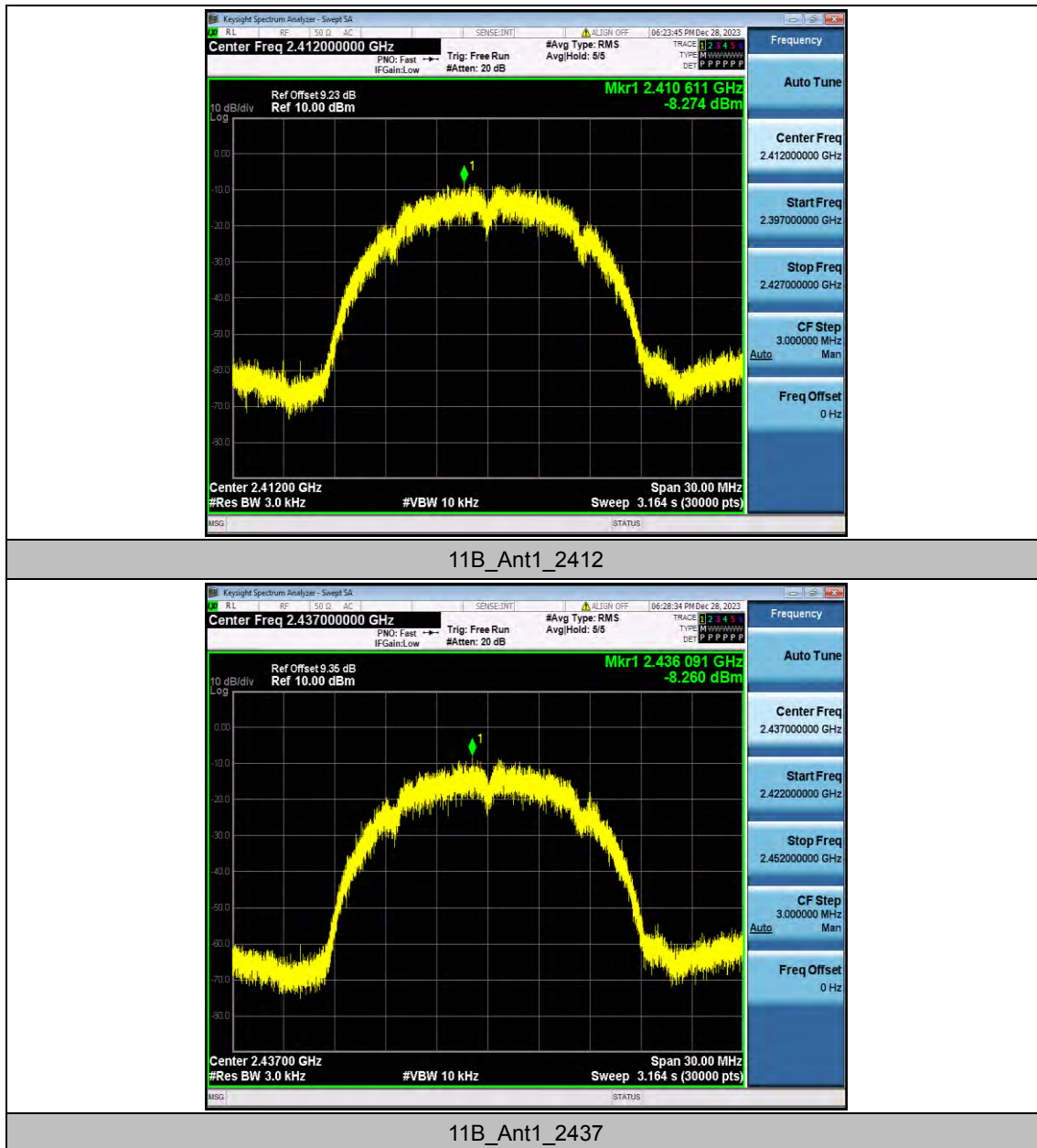
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	22.05	≤30.00	PASS
		2437	21.20	≤30.00	PASS
		2462	21.40	≤30.00	PASS
11G	Ant1	2412	20.59	≤30.00	PASS
		2437	20.67	≤30.00	PASS
		2462	20.99	≤30.00	PASS
11N20SISO	Ant1	2412	19.46	≤30.00	PASS
		2437	19.56	≤30.00	PASS
		2462	19.90	≤30.00	PASS
11N40SISO	Ant1	2422	21.59	≤30.00	PASS
		2437	21.53	≤30.00	PASS
		2452	22.47	≤30.00	PASS
11AX20SISO	Ant1	2412	20.05	≤30.00	PASS
		2437	20.00	≤30.00	PASS
		2462	20.32	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

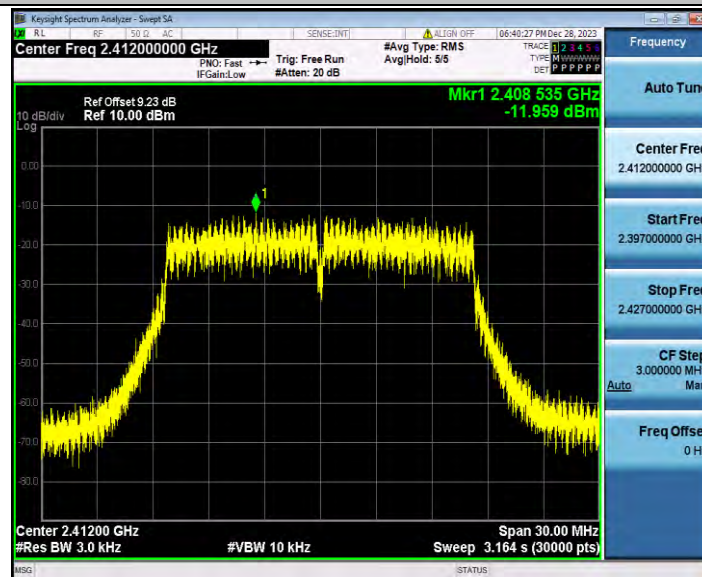
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.27	≤8.00	PASS
		2437	-8.26	≤8.00	PASS
		2462	-7.04	≤8.00	PASS
11G	Ant1	2412	-11.96	≤8.00	PASS
		2437	-11.73	≤8.00	PASS
		2462	-11.72	≤8.00	PASS
11N20SISO	Ant1	2412	-12.48	≤8.00	PASS
		2437	-12.53	≤8.00	PASS
		2462	-12.82	≤8.00	PASS
11N40SISO	Ant1	2422	-12.83	≤8.00	PASS
		2437	-12.62	≤8.00	PASS
		2452	-11.67	≤8.00	PASS
11AX20SISO	Ant1	2412	-9.79	≤8.00	PASS
		2437	-10.13	≤8.00	PASS
		2462	-10.18	≤8.00	PASS

Test Graphs

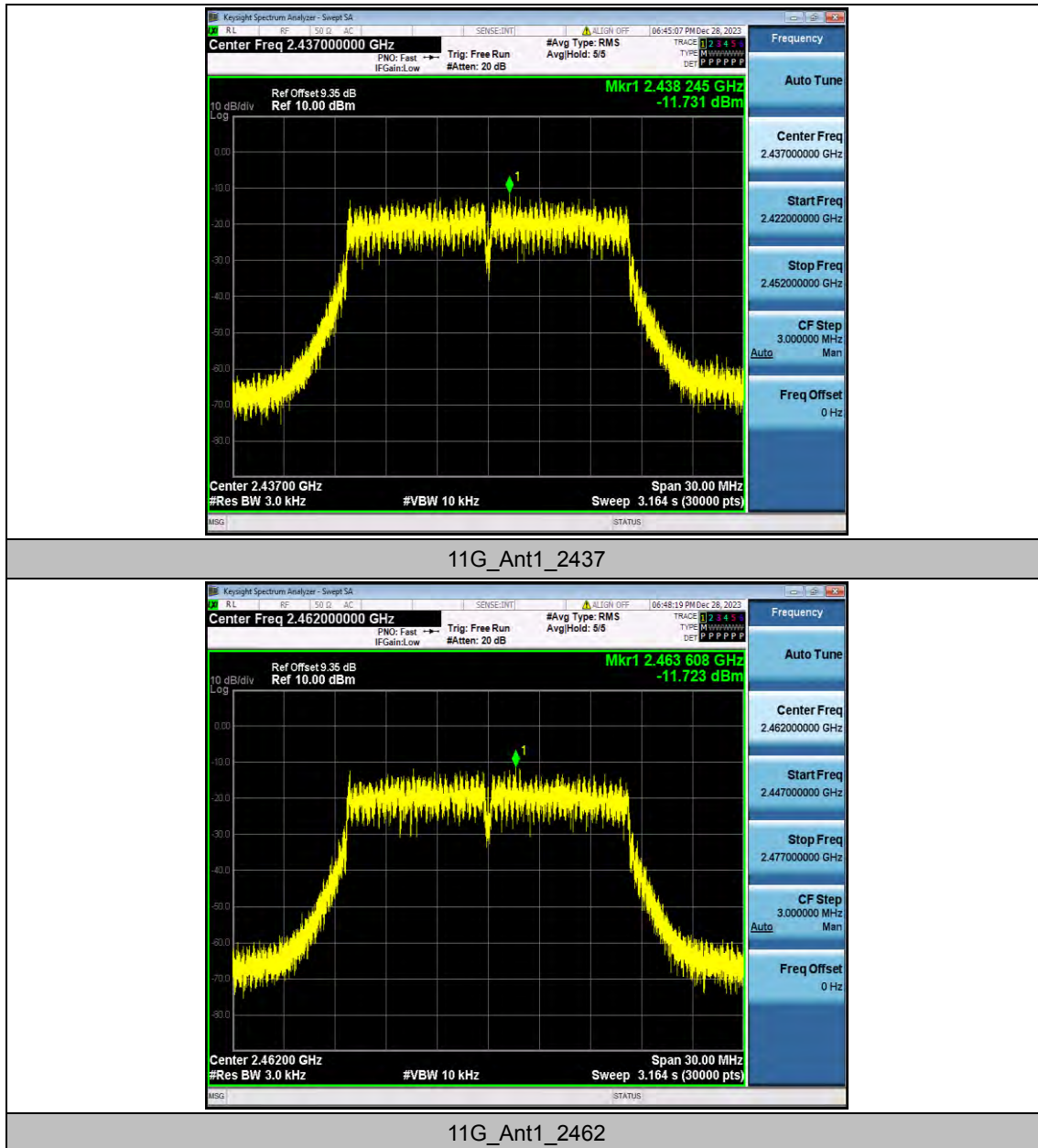


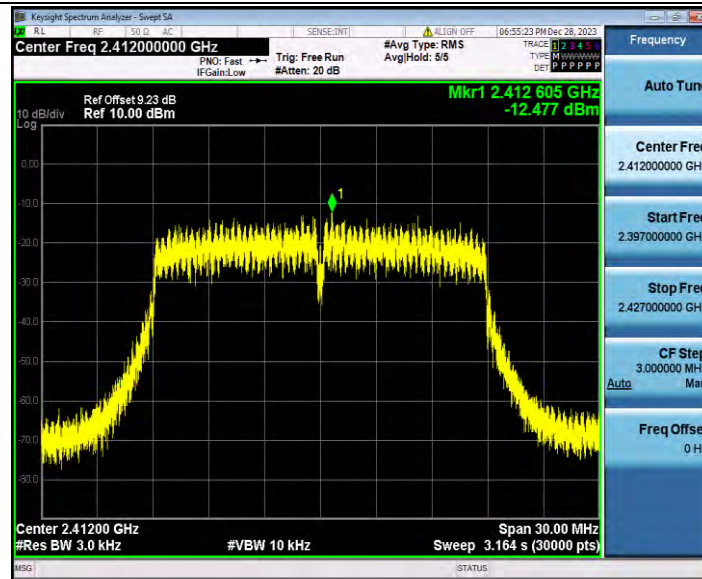


11B_Ant1_2462

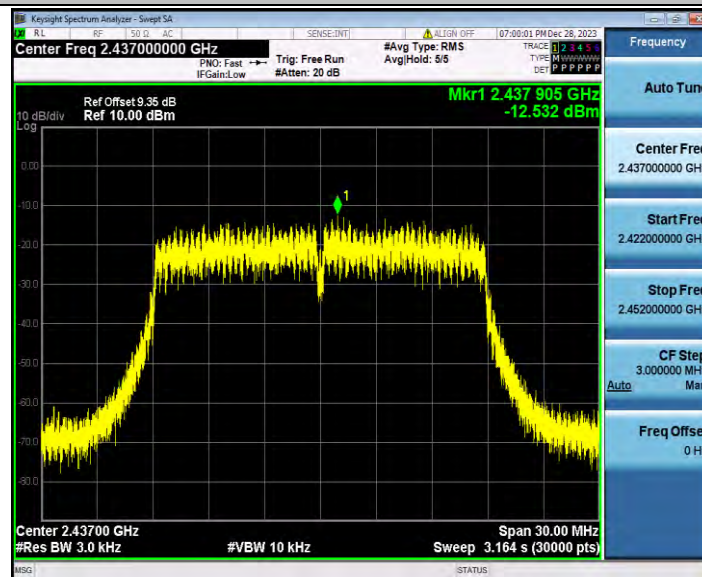


11G_Ant1_2412

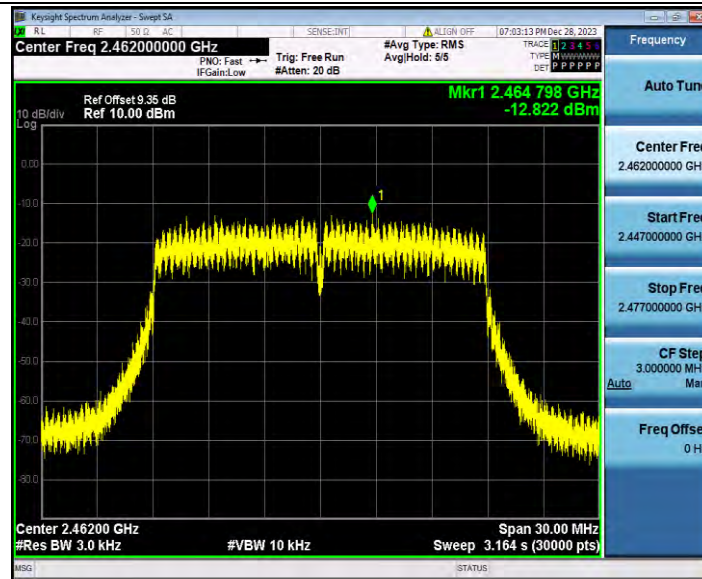




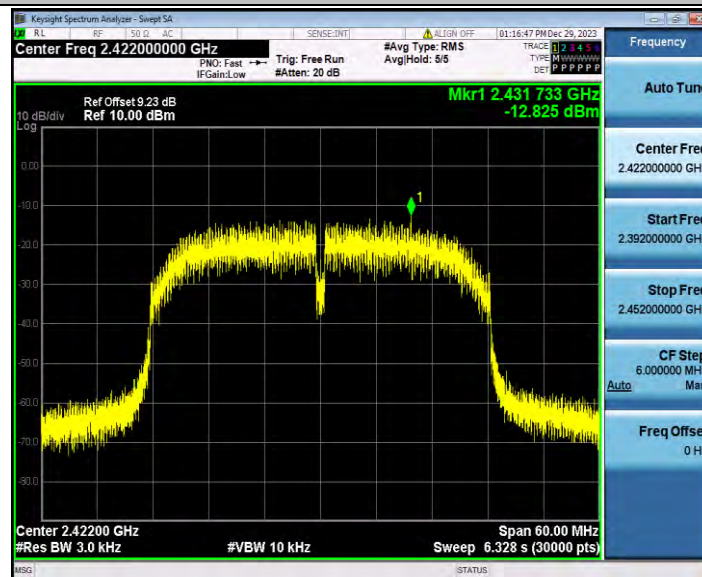
11N20SISO_Ant1_2412



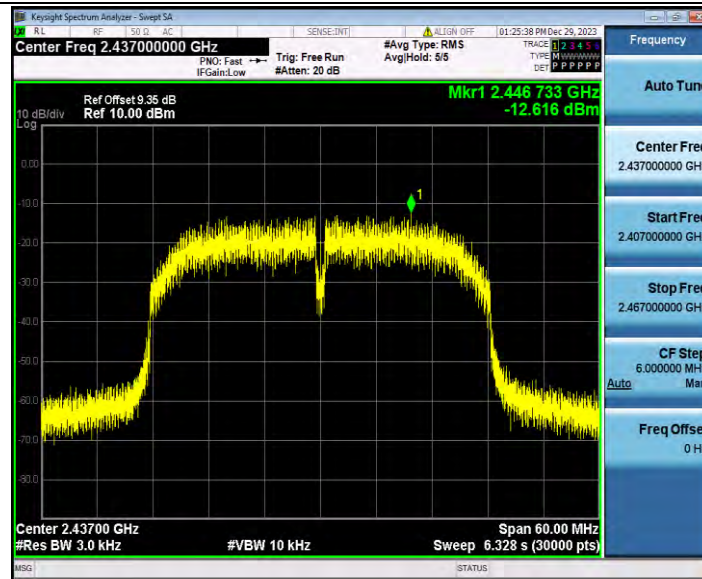
11N20SISO_Ant1_2437



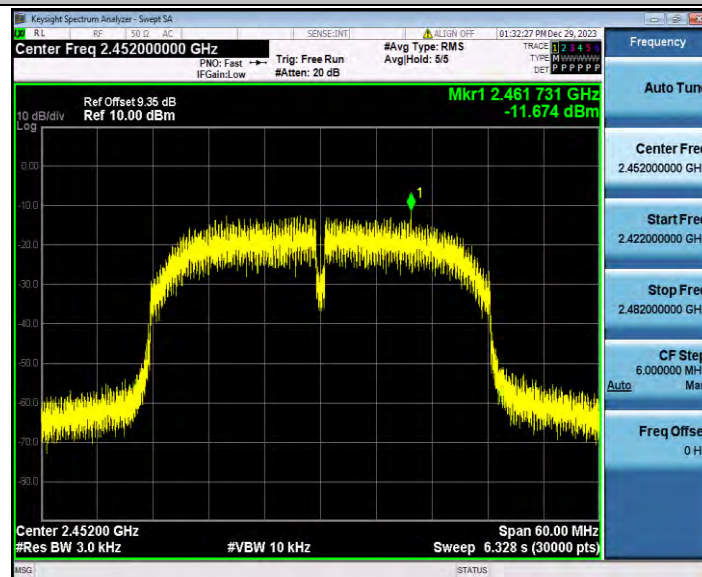
11N20SISO_Ant1_2462



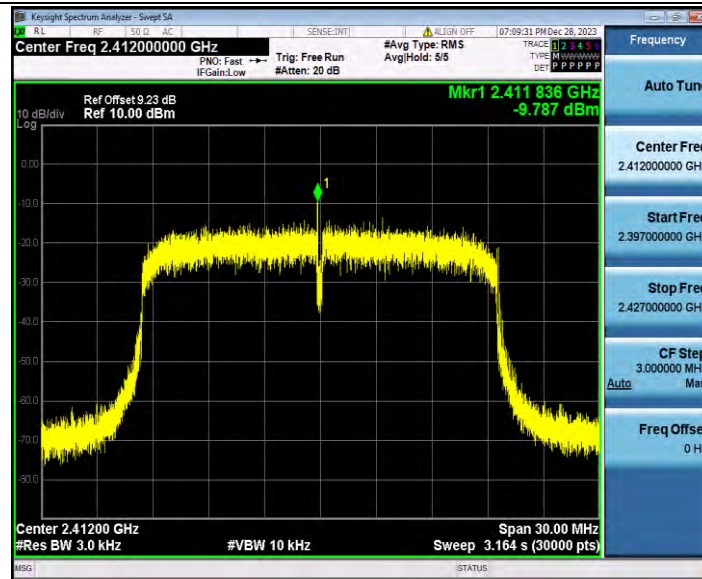
11N40SISO_Ant1_2422



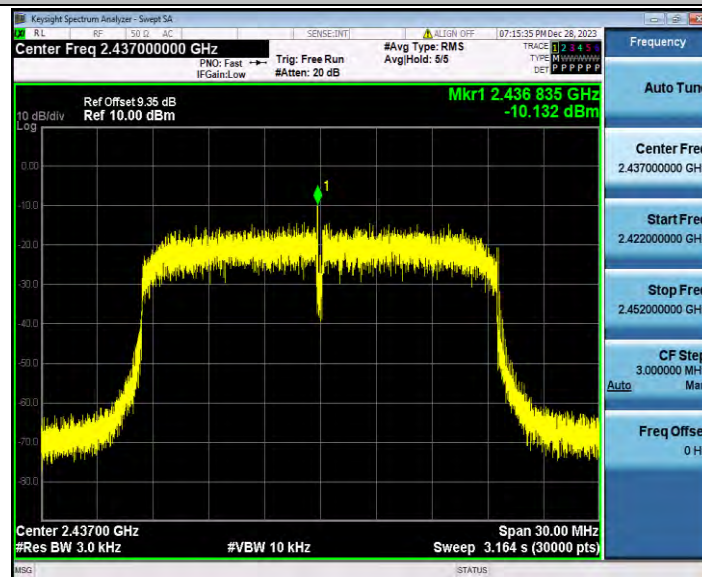
11N40SISO_Ant1_2437



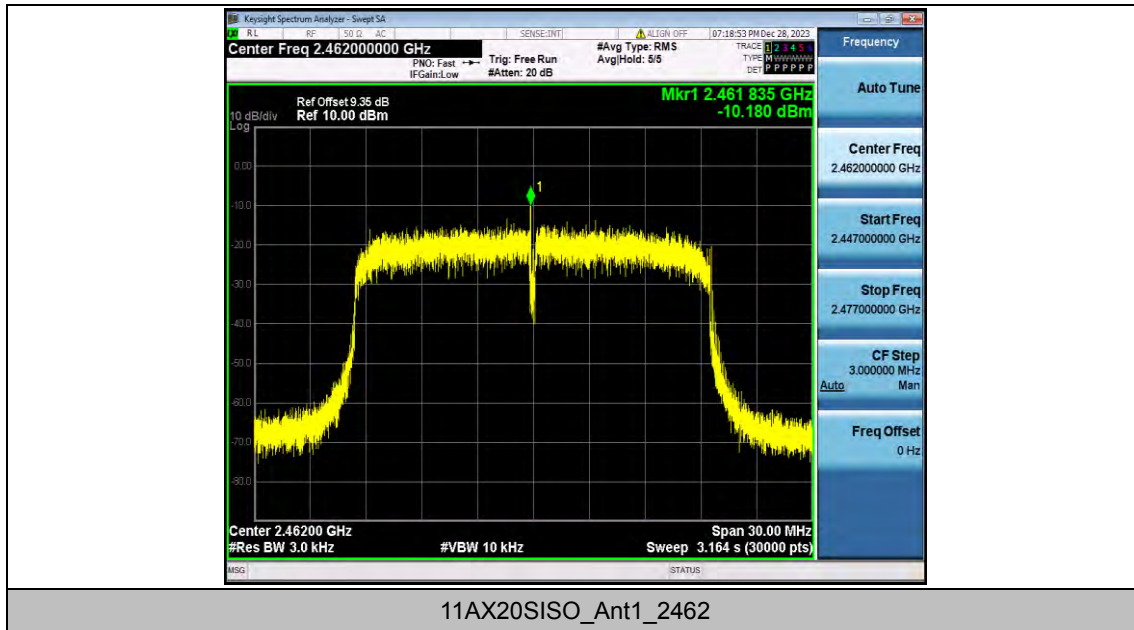
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437

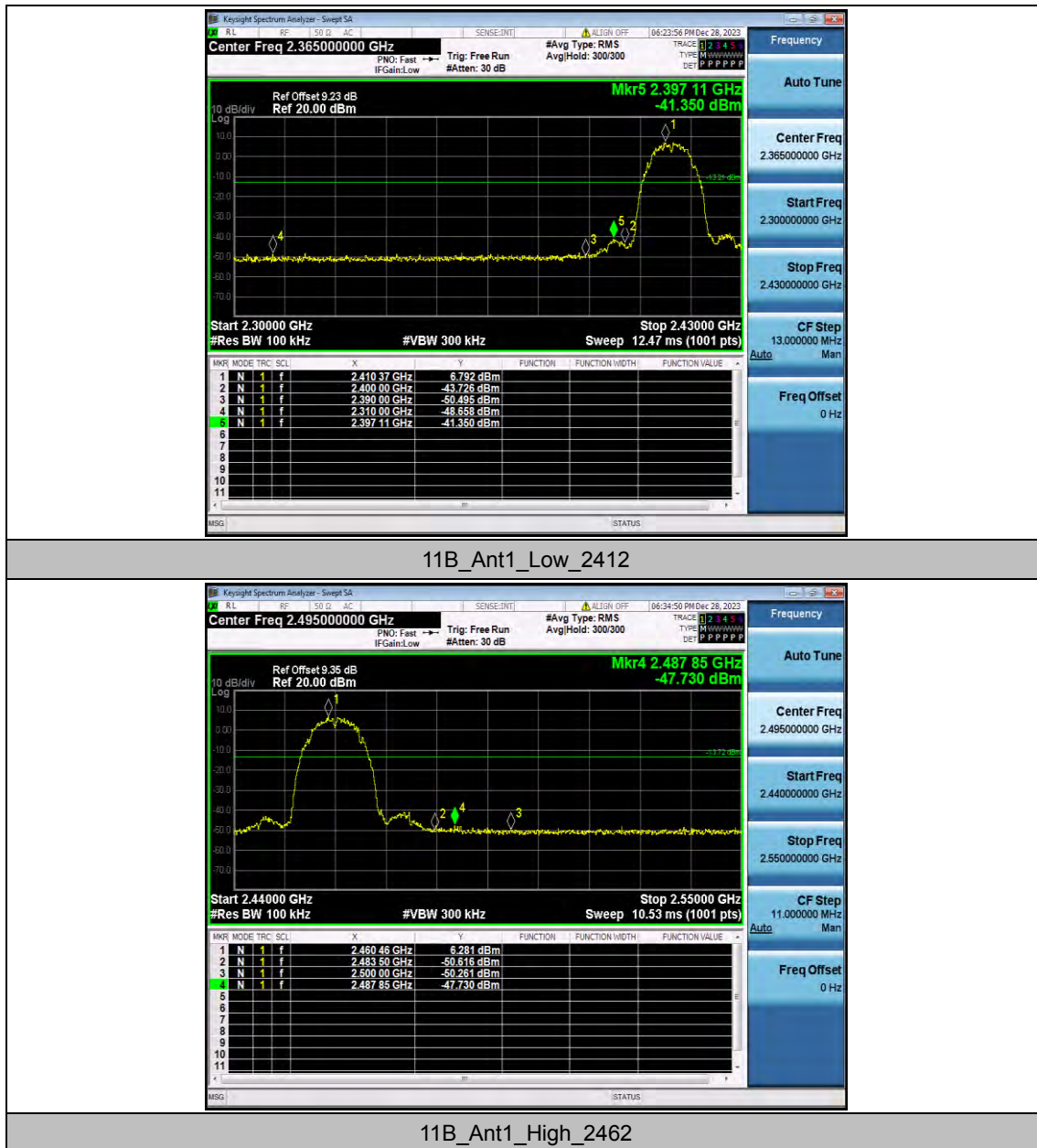


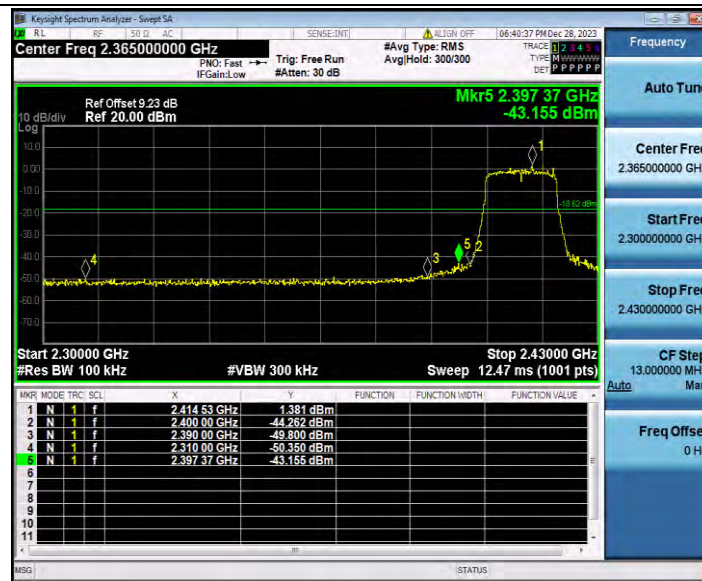
Appendix A.5: Band edge measurements

Test Result

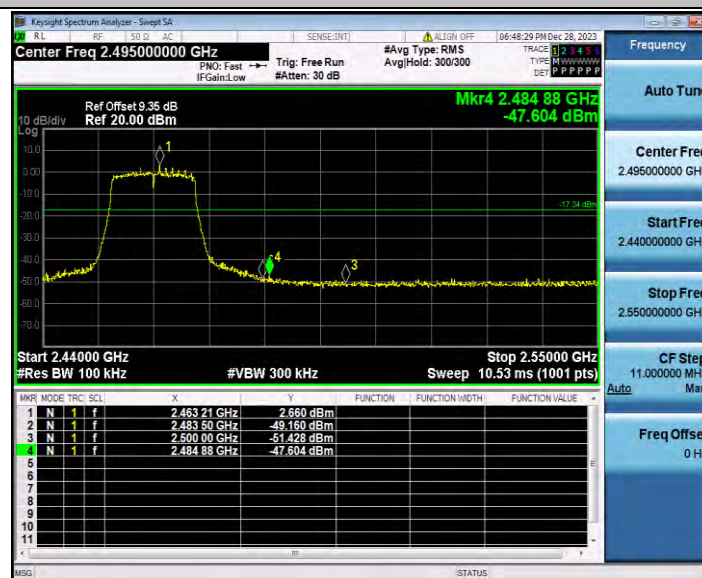
Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.79	-41.35	≤-13.21	PASS
		High	2462	6.28	-47.73	≤-13.72	PASS
11G	Ant1	Low	2412	1.38	-43.16	≤-18.62	PASS
		High	2462	2.66	-47.6	≤-17.34	PASS
11N20SISO	Ant1	Low	2412	0.81	-43.5	≤-19.19	PASS
		High	2462	1.69	-47.49	≤-18.31	PASS
11N40SISO	Ant1	Low	2422	1.04	-42.42	≤-18.96	PASS
		High	2452	2.35	-42.61	≤-17.65	PASS
11AX20SISO	Ant1	Low	2412	1.26	-45.81	≤-18.74	PASS
		High	2462	1.09	-46.3	≤-18.91	PASS

Test Graphs

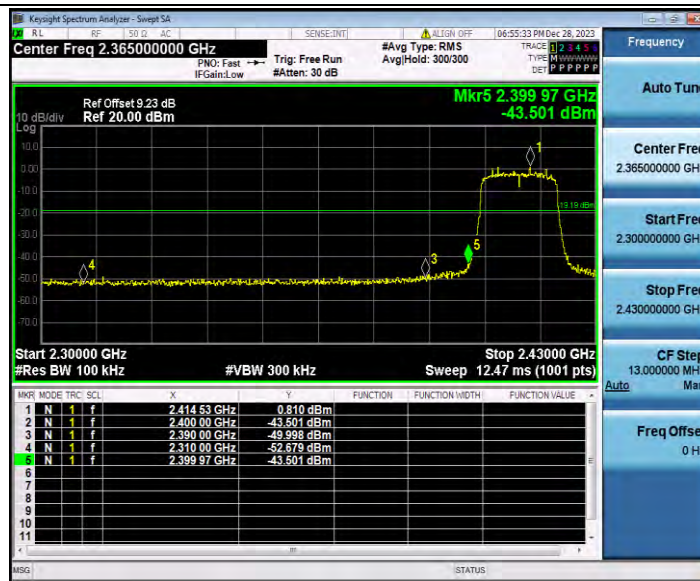




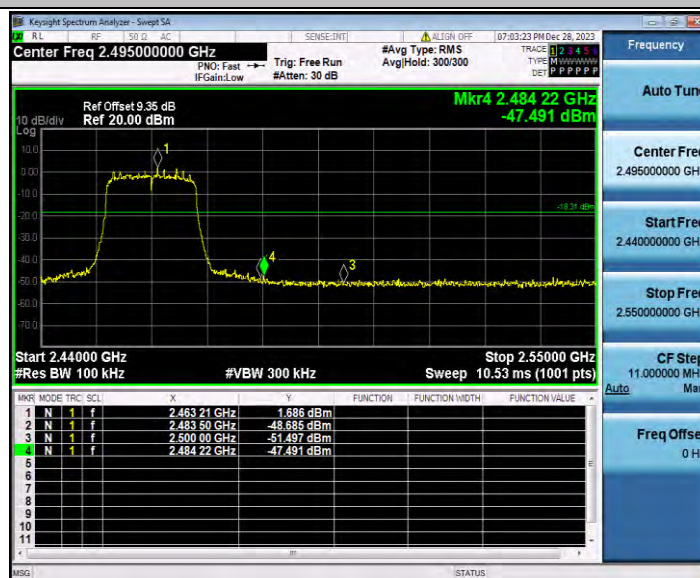
11G_Ant1_Low_2412



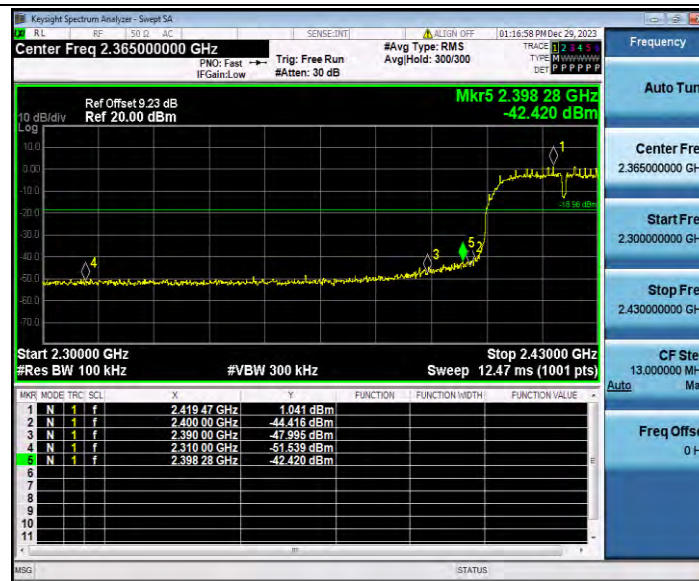
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



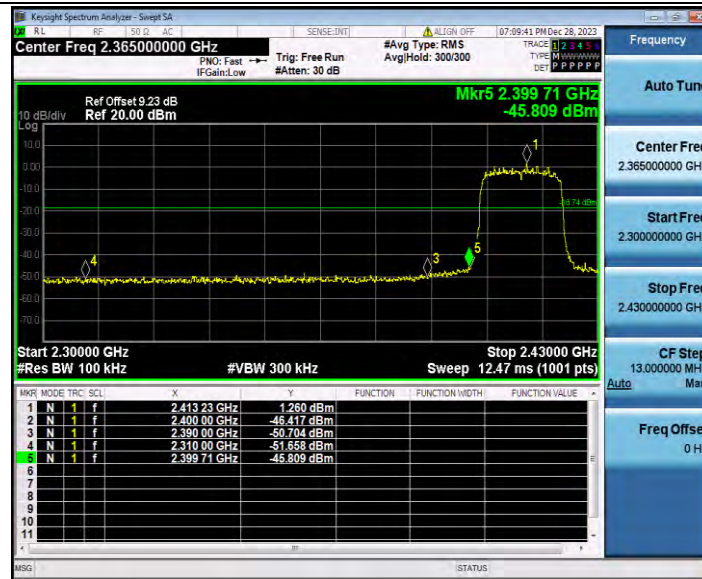
11N20SISO_Ant1_High_2462



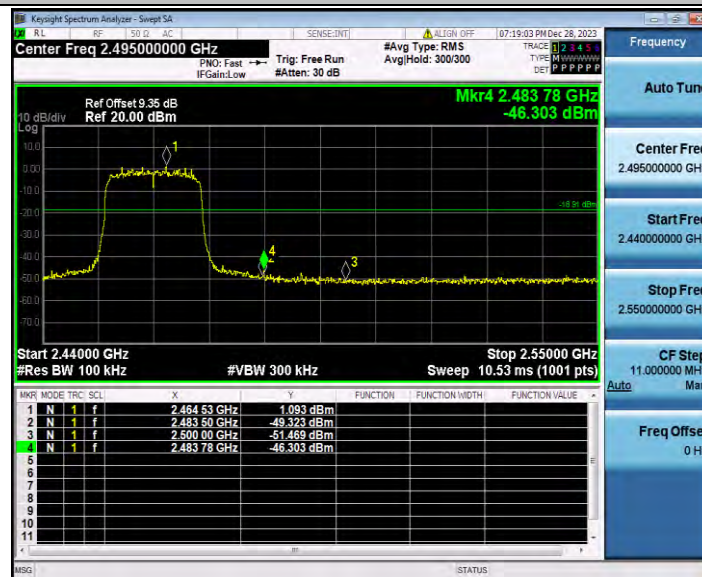
11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



11AX20SISO_Ant1_Low_2412



11AX20SISO_Ant1_High_2462