

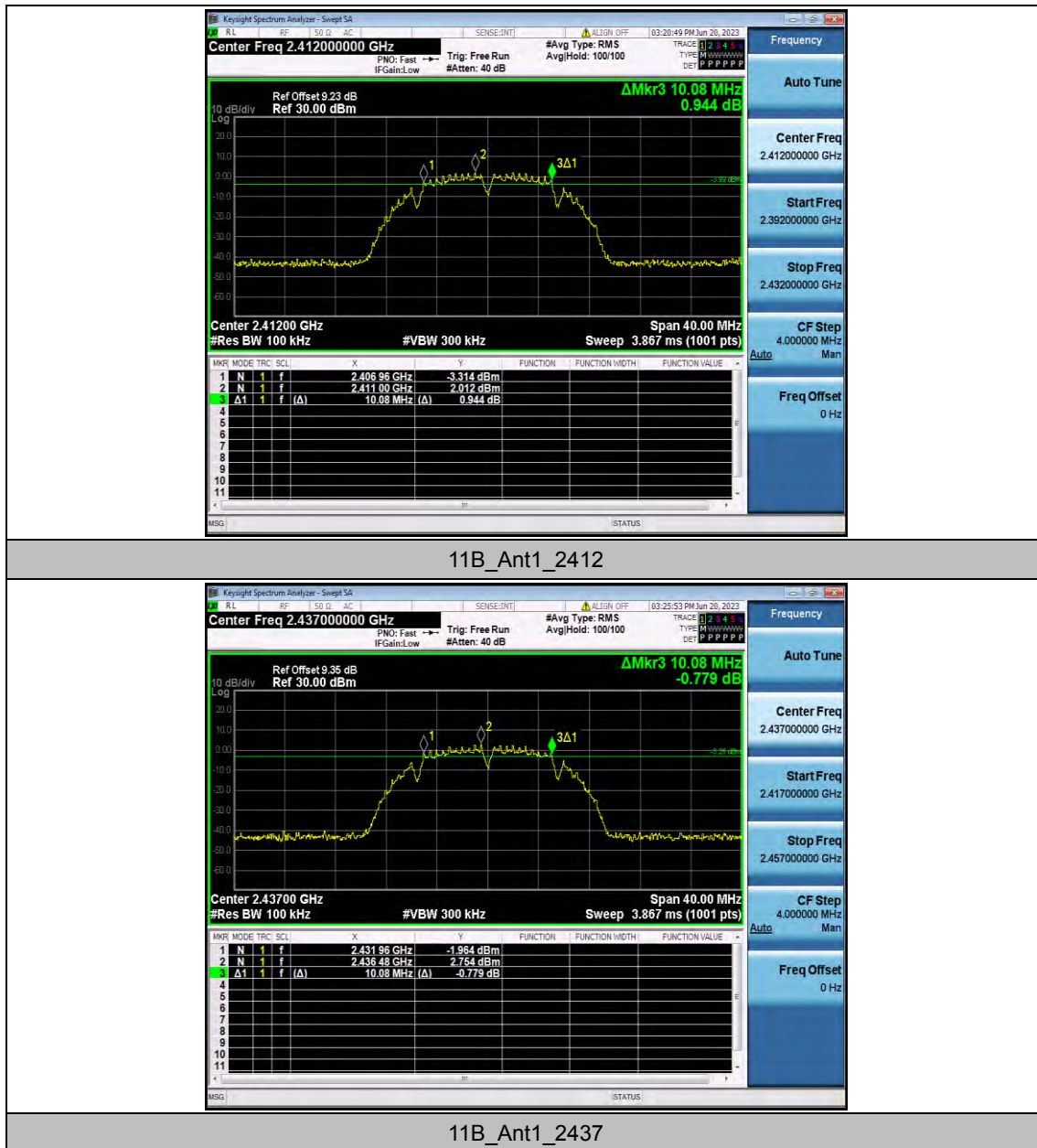
Case No. : <u>GTS20230520008-1-3</u>	
Ambient Condition: <u>24</u> °C, <u>59</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.20</u>	Test Engineer: <u>Evan Ouyang</u>

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	10.080	2406.960	2417.040	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.120	2456.920	2467.040	0.5	PASS
11G	Ant1	2412	12.560	2407.000	2419.560	0.5	PASS
		2437	15.080	2429.480	2444.560	0.5	PASS
		2462	14.400	2455.080	2469.480	0.5	PASS
11N20SISO	Ant1	2412	17.560	2403.240	2420.800	0.5	PASS
		2437	12.760	2429.520	2442.280	0.5	PASS
		2462	12.920	2454.480	2467.400	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	29.760	2438.480	2468.240	0.5	PASS
11AX20SISO	Ant1	2412	18.440	2402.880	2421.320	0.5	PASS
		2437	18.280	2427.840	2446.120	0.5	PASS
		2462	12.920	2454.800	2467.720	0.5	PASS
11AX40SISO	Ant1	2422	33.840	2404.480	2438.320	0.5	PASS
		2437	26.160	2423.640	2449.800	0.5	PASS
		2452	37.280	2433.520	2470.800	0.5	PASS

Test Graphs

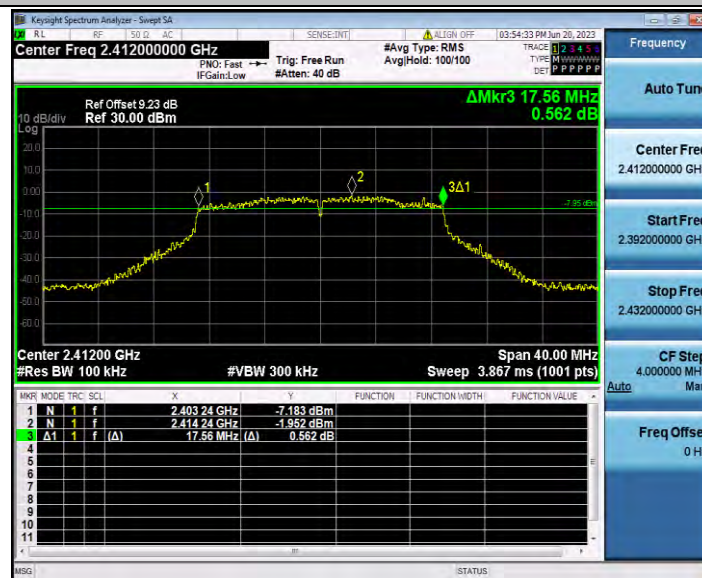




11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



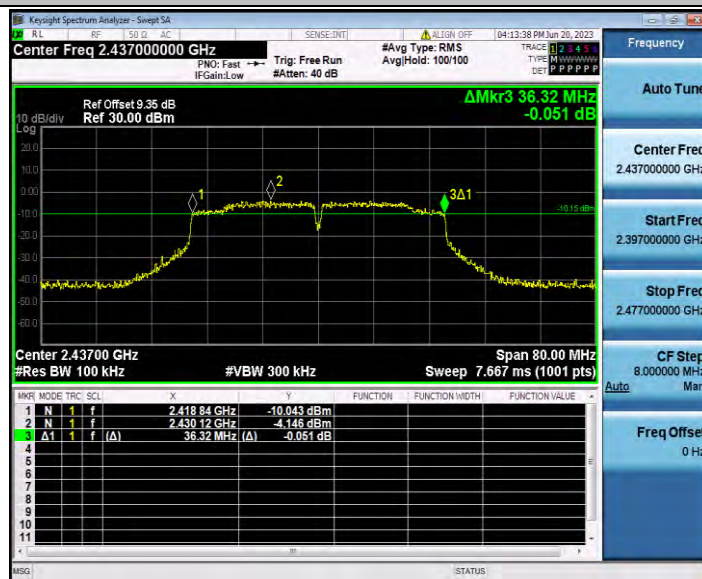
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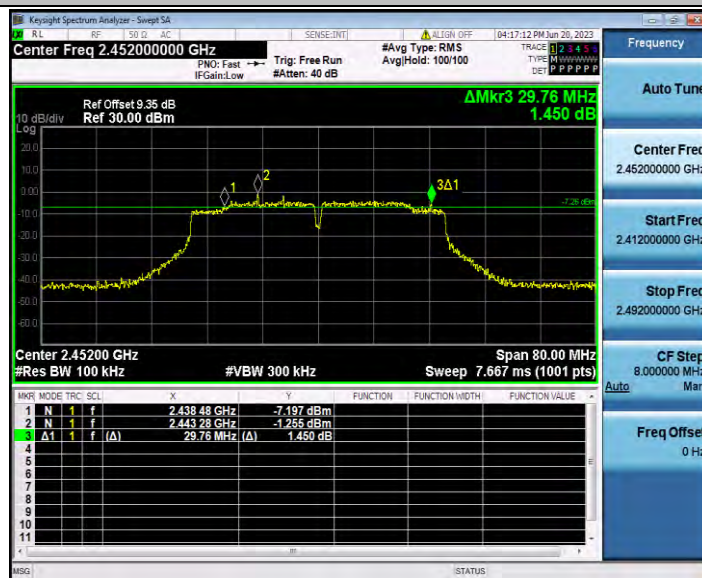
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



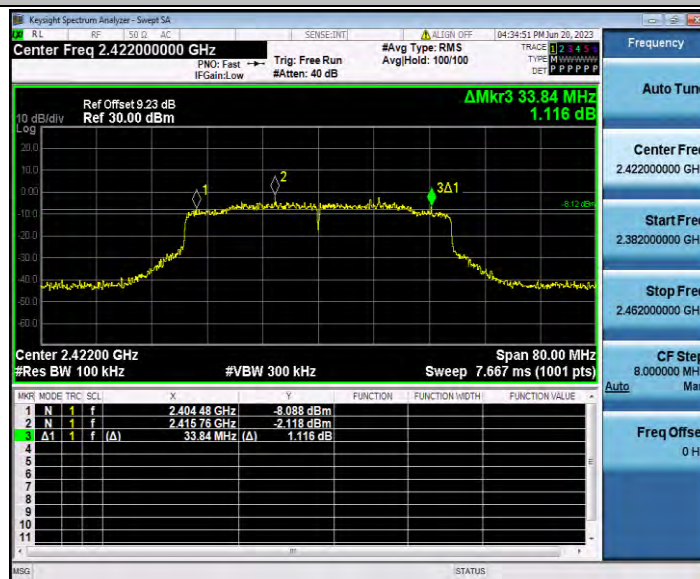
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



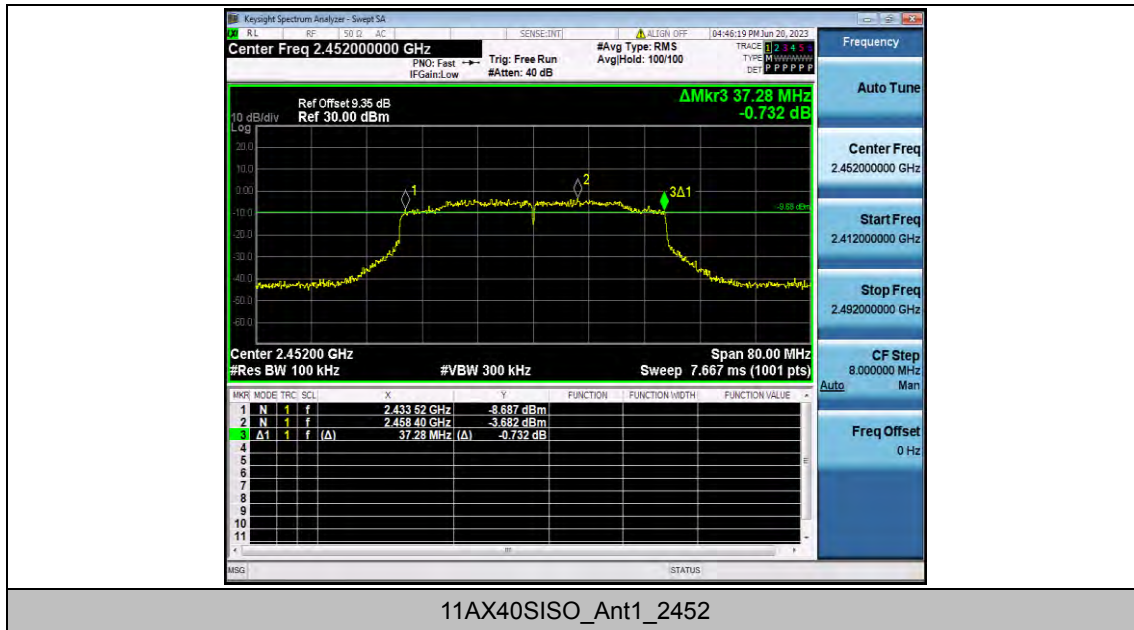
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



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	13.560	2405.285	2418.845	---	---
		2437	13.484	2430.308	2443.792	---	---
		2462	13.447	2455.264	2468.711	---	---
11G	Ant1	2412	16.901	2403.600	2420.501	---	---
		2437	16.851	2428.645	2445.496	---	---
		2462	16.853	2453.571	2470.424	---	---
11N20SISO	Ant1	2412	18.009	2403.052	2421.061	---	---
		2437	17.926	2428.051	2445.977	---	---
		2462	17.915	2453.072	2470.987	---	---
11N40SISO	Ant1	2422	36.094	2403.969	2440.063	---	---
		2437	36.109	2418.979	2455.088	---	---
		2452	36.047	2434.016	2470.063	---	---
11AX20SISO	Ant1	2412	19.005	2402.523	2421.528	---	---
		2437	18.896	2427.554	2446.450	---	---
		2462	19.007	2452.479	2471.486	---	---
11AX40SISO	Ant1	2422	37.525	2403.200	2440.725	---	---
		2437	37.380	2418.337	2455.717	---	---
		2452	37.334	2433.342	2470.676	---	---

Test Graphs



11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



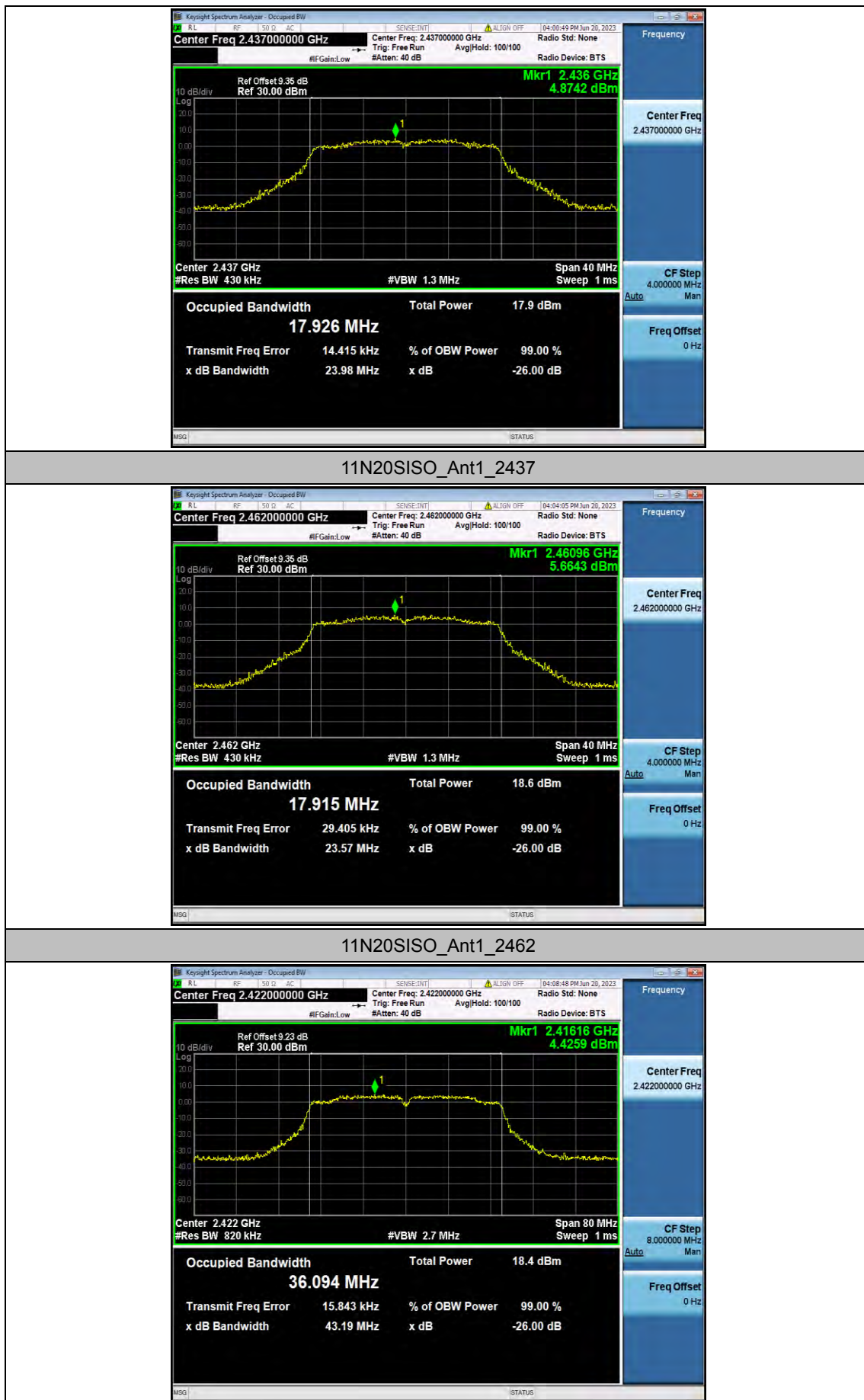
11G_Ant1_2437



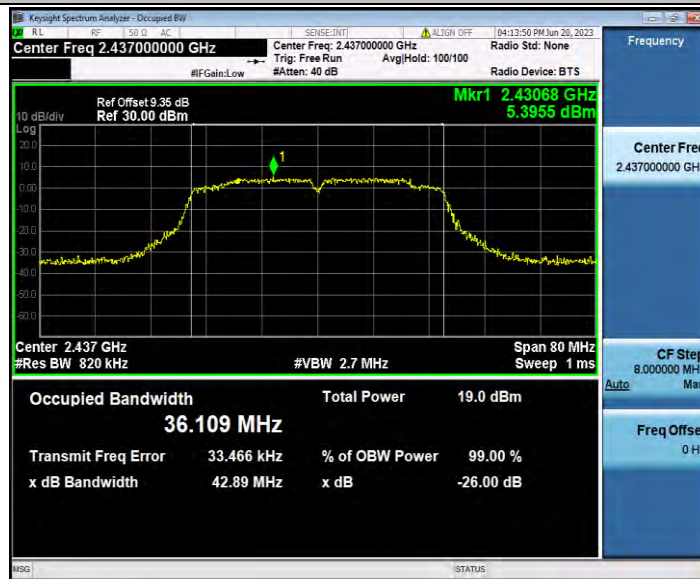
11G_Ant1_2462



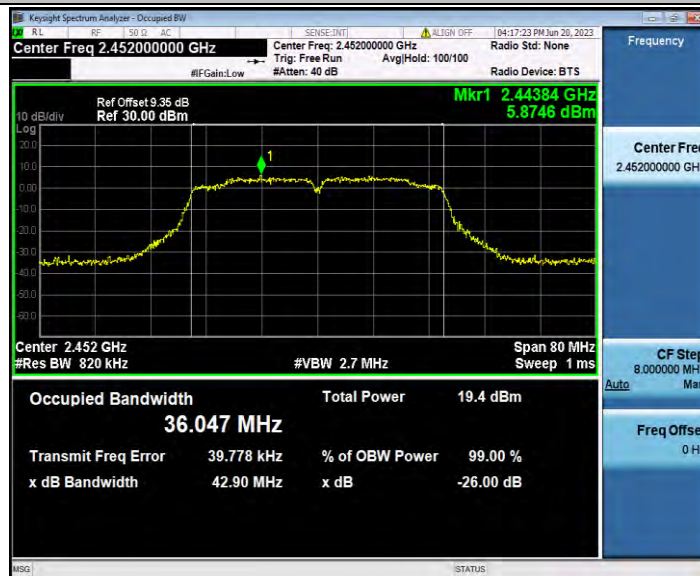
11N20SISO_Ant1_2412



11N40SISO_Ant1_2422



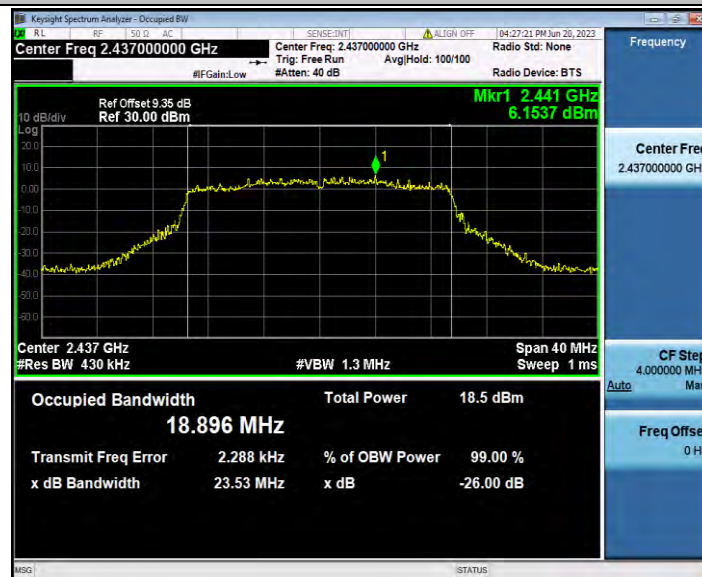
11N40SISO_Ant1_2437



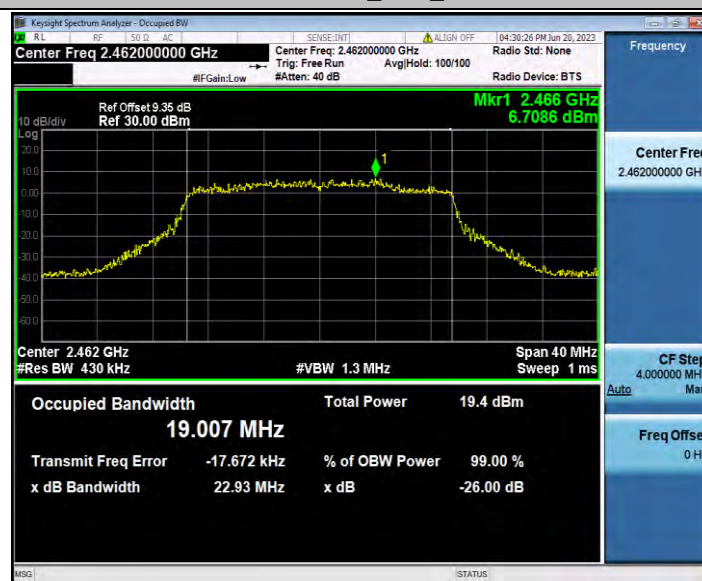
11N40SISO_Ant1_2452



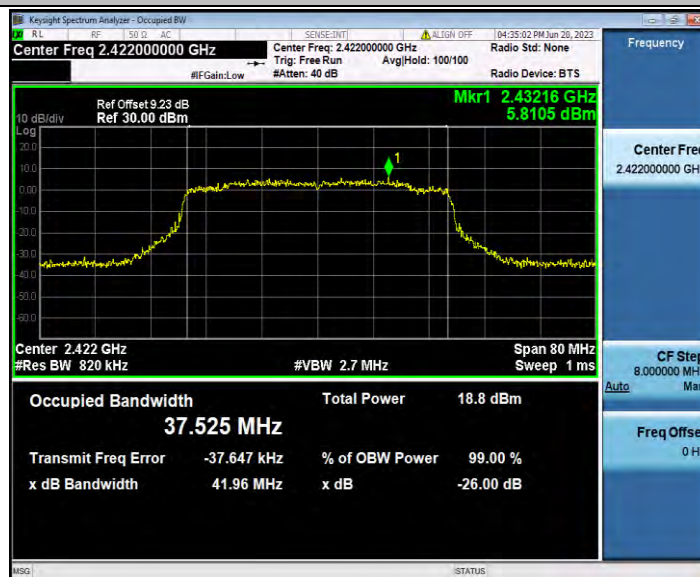
11AX20SISO_Ant1_2412



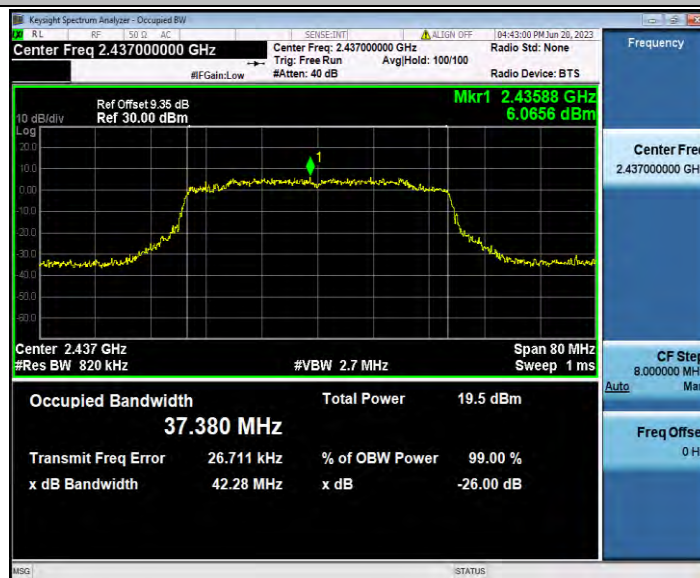
11AX20SISO_Ant1_2437



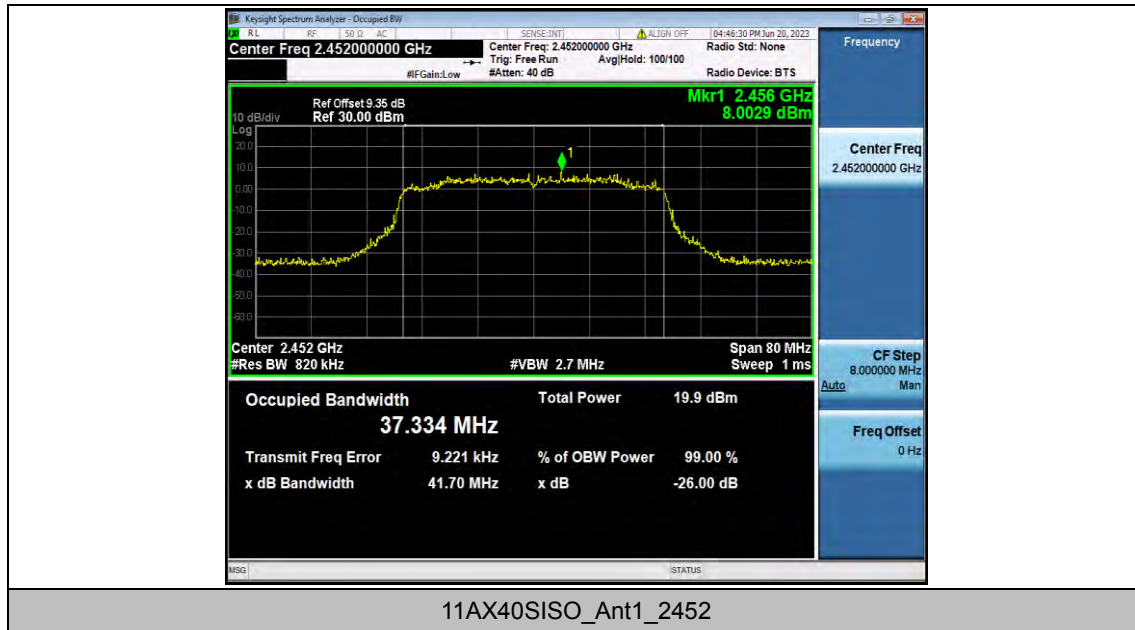
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

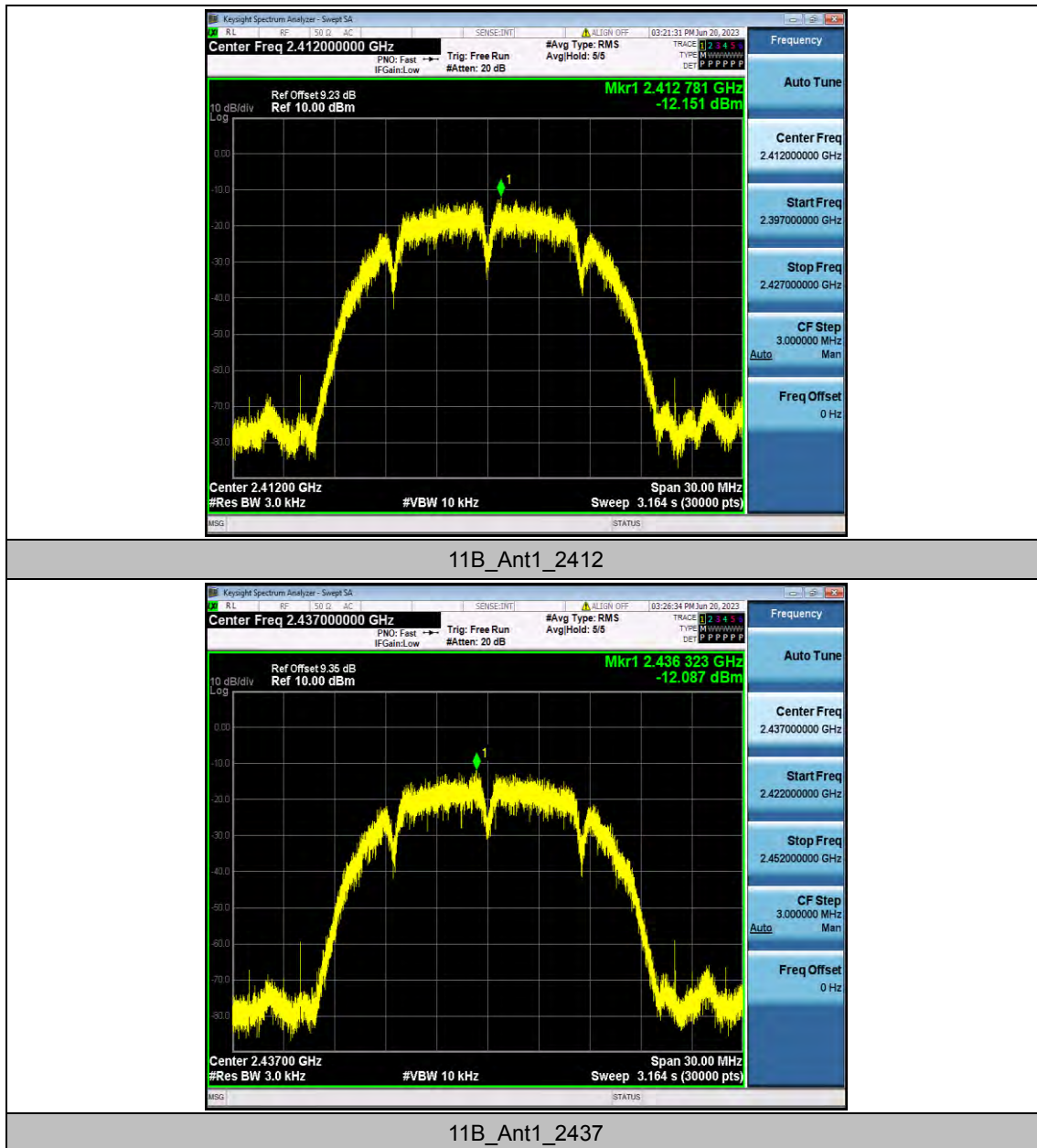
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	14.68	≤30.00	PASS
		2437	15.00	≤30.00	PASS
		2462	15.80	≤30.00	PASS
11G	Ant1	2412	18.48	≤30.00	PASS
		2437	18.89	≤30.00	PASS
		2462	19.77	≤30.00	PASS
11N20SISO	Ant1	2412	18.52	≤30.00	PASS
		2437	18.90	≤30.00	PASS
		2462	19.68	≤30.00	PASS
11N40SISO	Ant1	2422	18.72	≤30.00	PASS
		2437	19.31	≤30.00	PASS
		2452	19.56	≤30.00	PASS
11AX20SISO	Ant1	2412	18.73	≤30.00	PASS
		2437	19.11	≤30.00	PASS
		2462	19.86	≤30.00	PASS
11AX40SISO	Ant1	2422	19.03	≤30.00	PASS
		2437	19.44	≤30.00	PASS
		2452	19.95	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

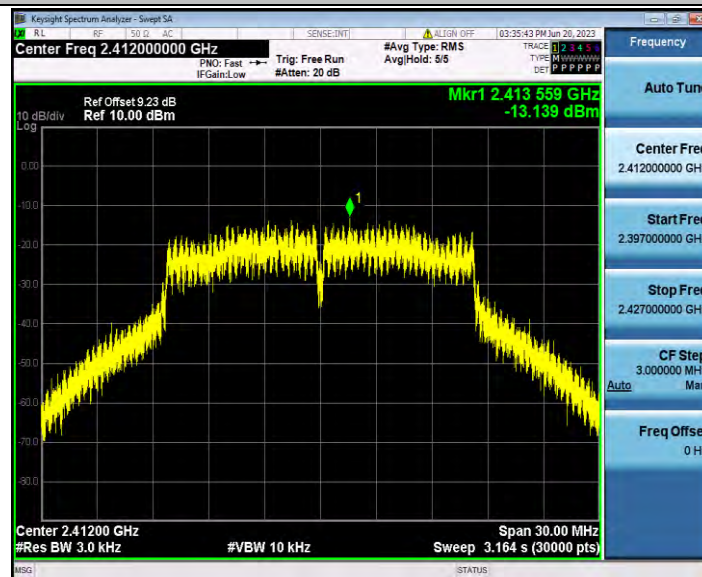
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-12.15	≤8.00	PASS
		2437	-12.09	≤8.00	PASS
		2462	-10.27	≤8.00	PASS
11G	Ant1	2412	-13.14	≤8.00	PASS
		2437	-12.79	≤8.00	PASS
		2462	-12.38	≤8.00	PASS
11N20SISO	Ant1	2412	-13.65	≤8.00	PASS
		2437	-13.05	≤8.00	PASS
		2462	-12.28	≤8.00	PASS
11N40SISO	Ant1	2422	-16.06	≤8.00	PASS
		2437	-16.12	≤8.00	PASS
		2452	-14.86	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.83	≤8.00	PASS
		2437	-14.55	≤8.00	PASS
		2462	-12.42	≤8.00	PASS
11AX40SISO	Ant1	2422	-16.63	≤8.00	PASS
		2437	-17.57	≤8.00	PASS
		2452	-15.91	≤8.00	PASS

Test Graphs

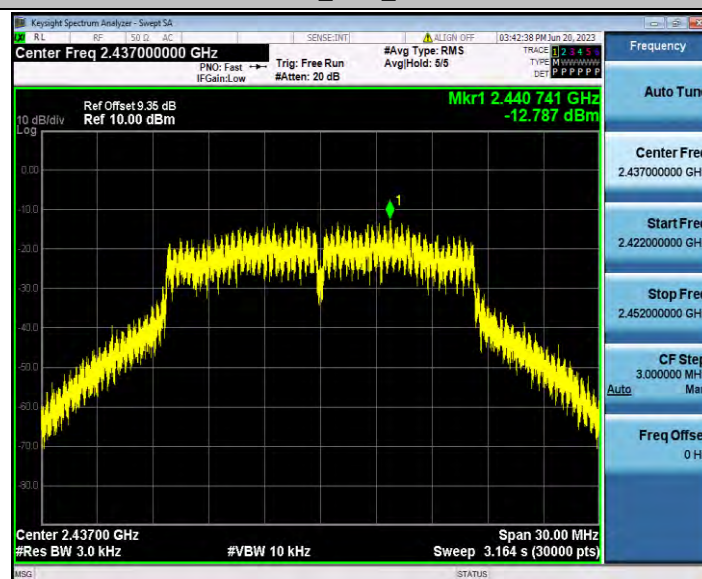




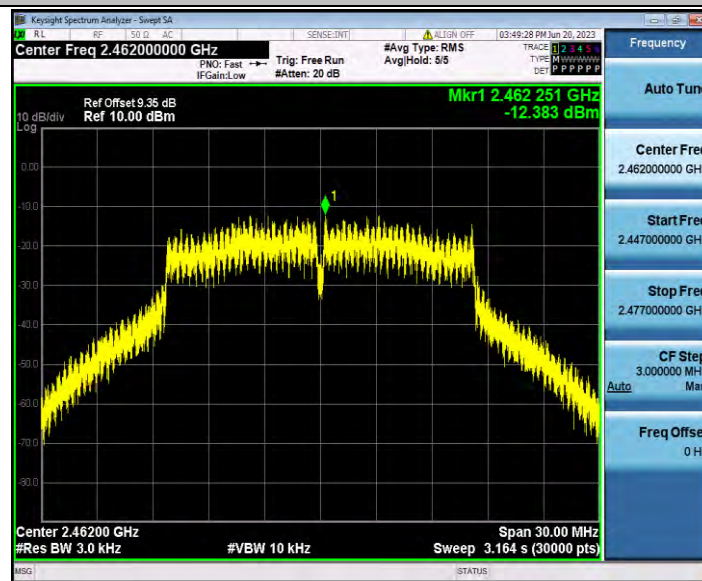
11B_Ant1_2462



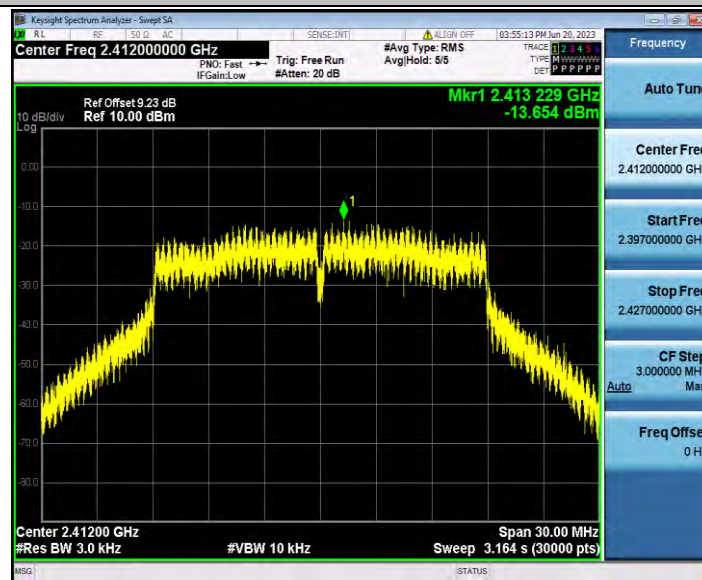
11G_Ant1_2412



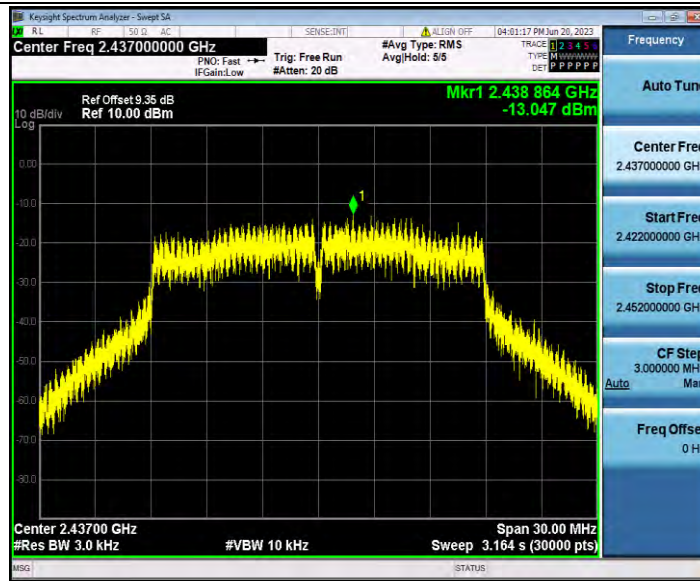
11G_Ant1_2437



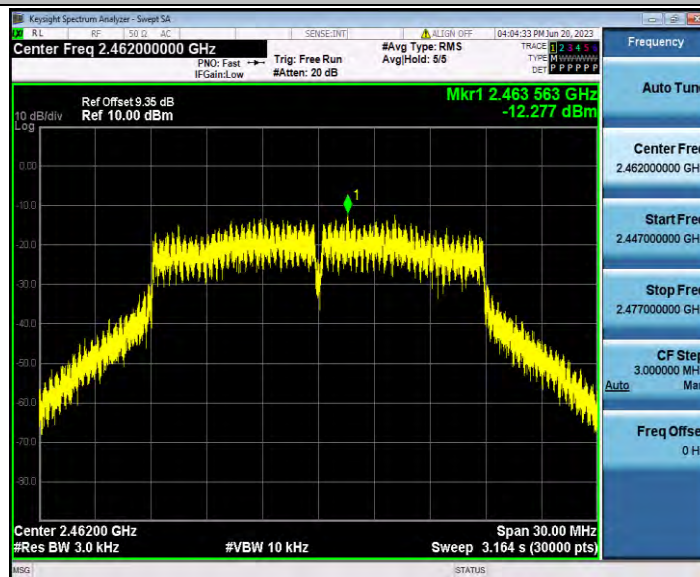
11G_Ant1_2462



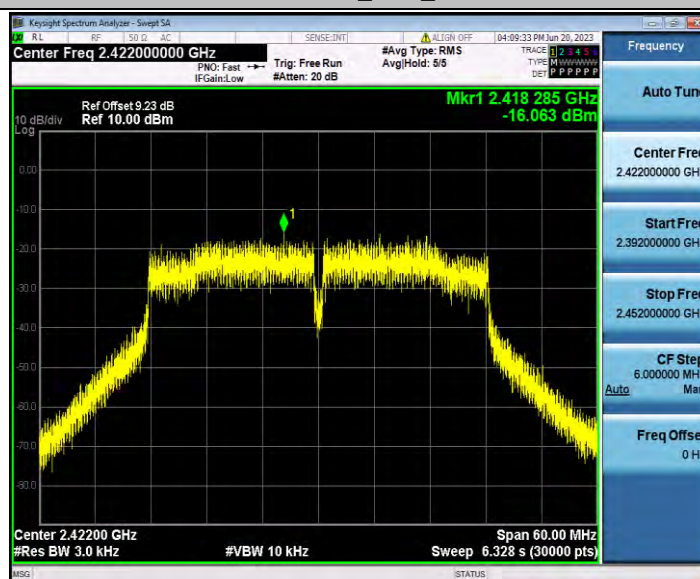
11N20SISO_Ant1_2412



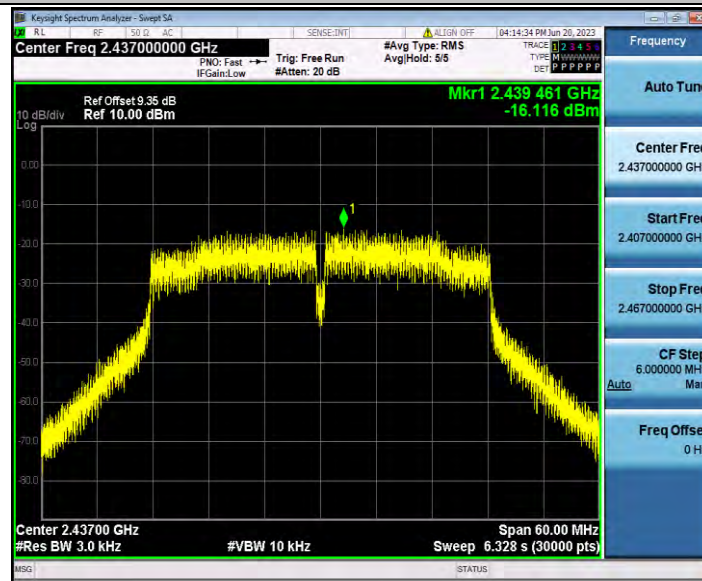
11N20SISO_Ant1_2437



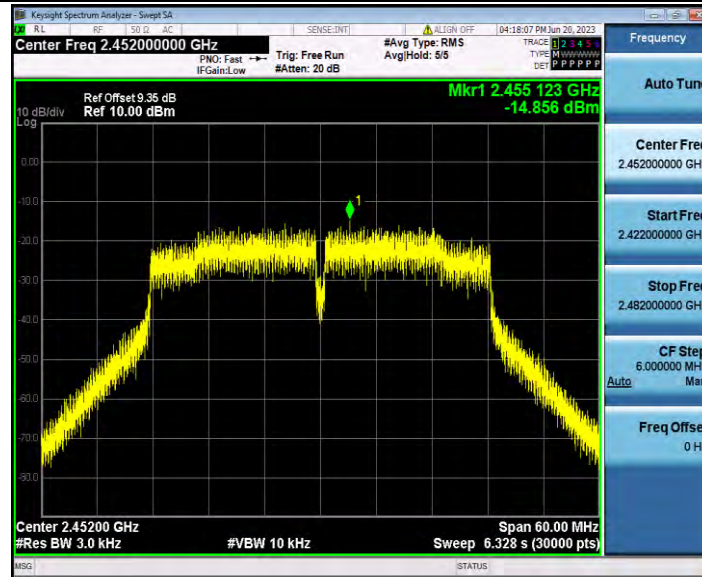
11N20SISO_Ant1_2462



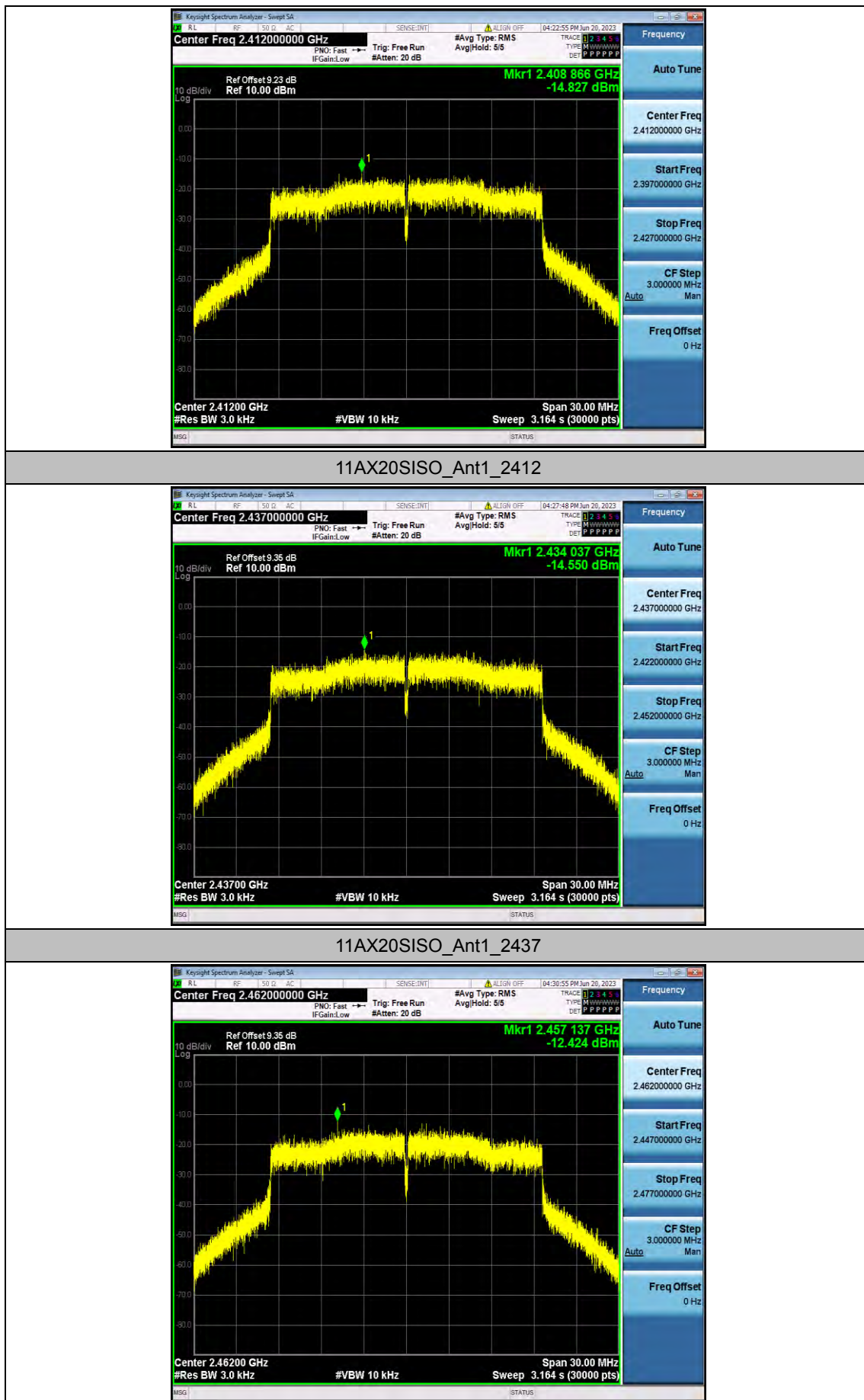
11N40SISO_Ant1_2422



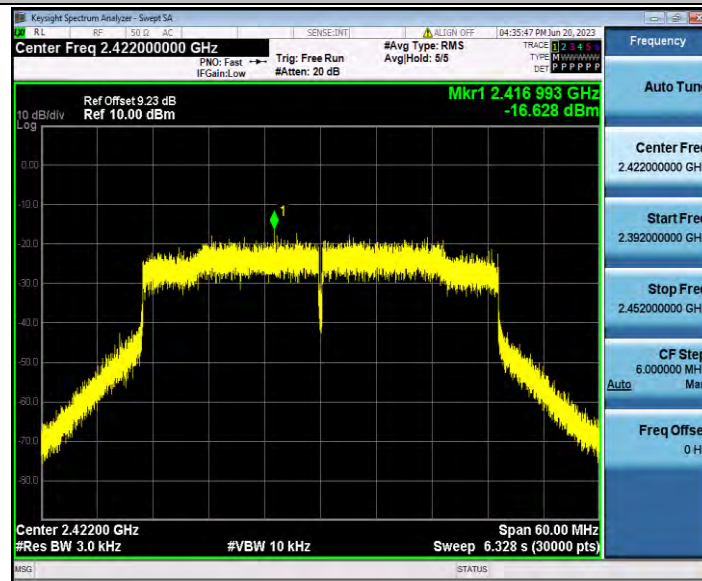
11N40SISO_Ant1_2437



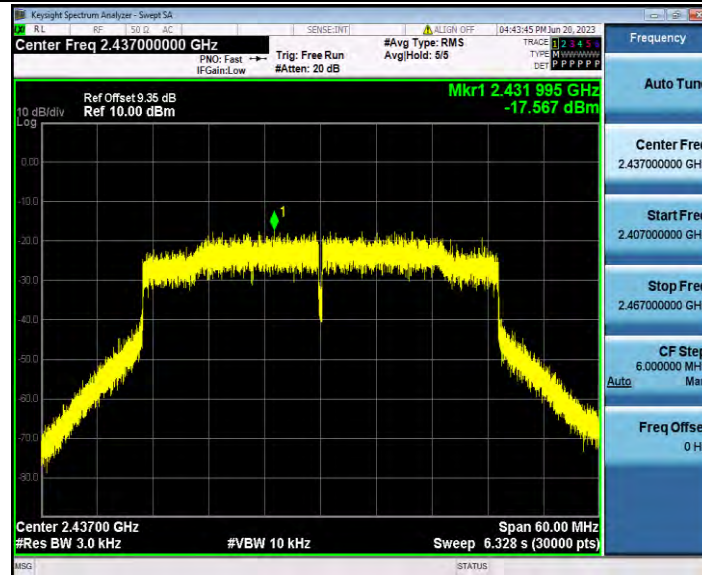
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437

