

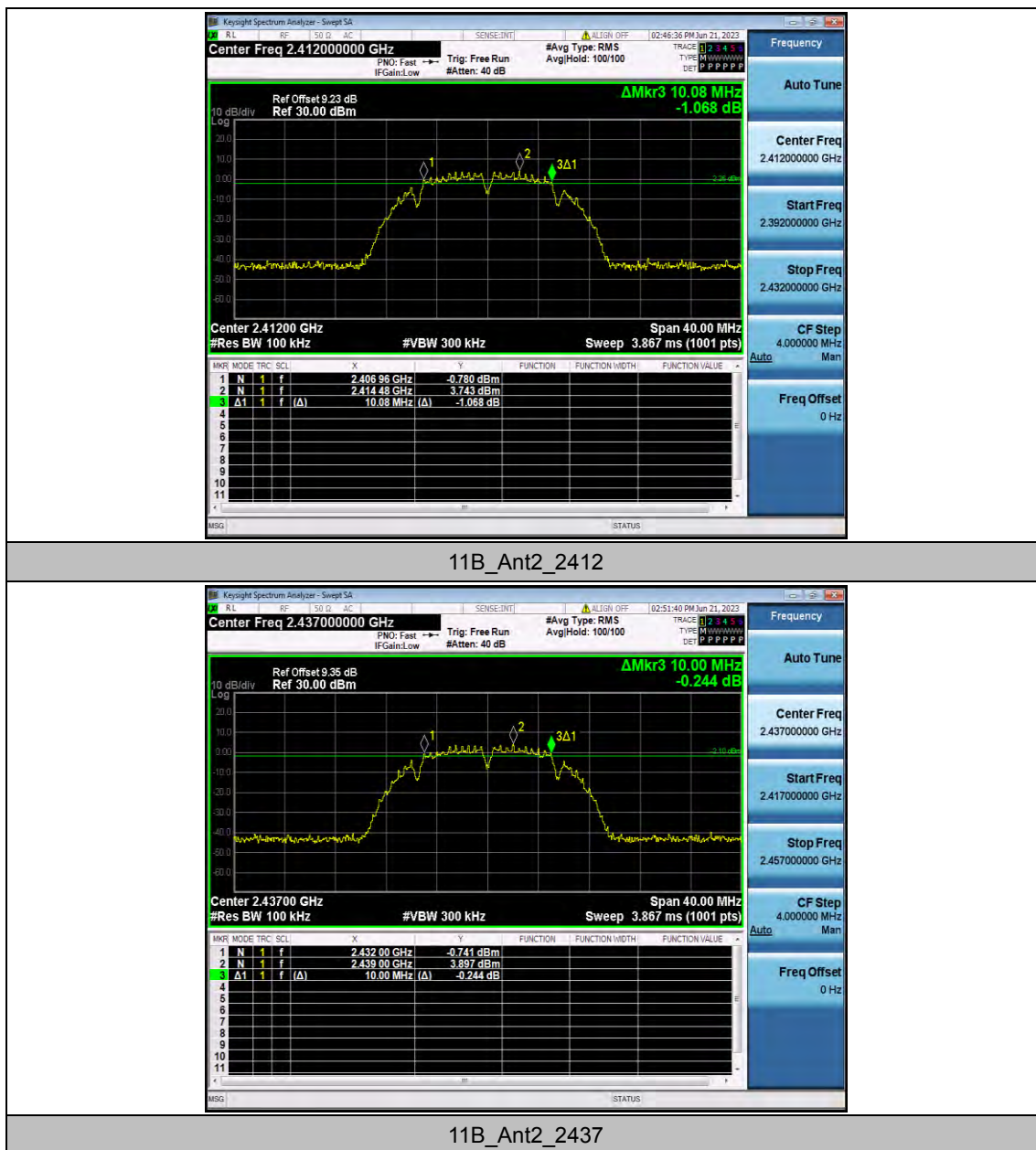
Case No. : <u>GTS20230520008-1-3</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.21</u>	Test Engineer: <u>Evan Ouyang</u>

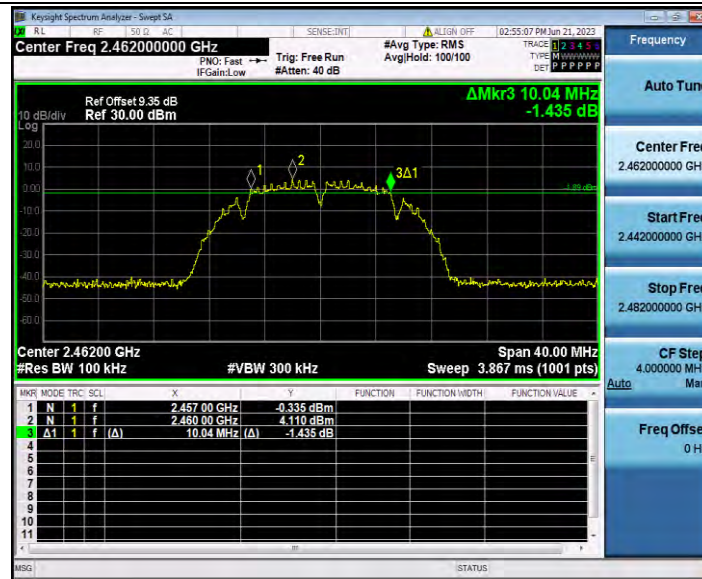
Appendix C.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	10.080	2406.960	2417.040	0.5	PASS
		2437	10.000	2432.000	2442.000	0.5	PASS
		2462	10.040	2457.000	2467.040	0.5	PASS
11G	Ant2	2412	13.200	2406.360	2419.560	0.5	PASS
		2437	12.640	2430.680	2443.320	0.5	PASS
		2462	15.000	2454.560	2469.560	0.5	PASS
11N20SISO	Ant2	2412	13.160	2406.360	2419.520	0.5	PASS
		2437	13.160	2430.720	2443.880	0.5	PASS
		2462	15.040	2454.440	2469.480	0.5	PASS
11N40SISO	Ant2	2422	35.680	2404.480	2440.160	0.5	PASS
		2437	31.920	2421.960	2453.880	0.5	PASS
		2452	29.360	2438.880	2468.240	0.5	PASS
11AX20SISO	Ant2	2412	18.440	2402.640	2421.080	0.5	PASS
		2437	17.160	2428.400	2445.560	0.5	PASS
		2462	16.720	2453.400	2470.120	0.5	PASS
11AX40SISO	Ant2	2422	37.440	2403.520	2440.960	0.5	PASS
		2437	35.280	2419.880	2455.160	0.5	PASS
		2452	30.480	2438.800	2469.280	0.5	PASS

Test Graphs





11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



11G_Ant2_2462



11N20SISO_Ant2_2412



11N20SISO_Ant2_2437



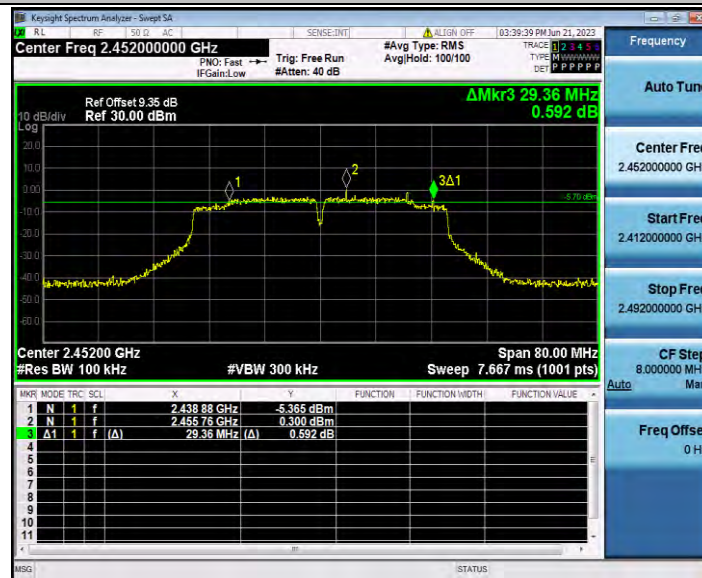
11N20SISO_Ant2_2462



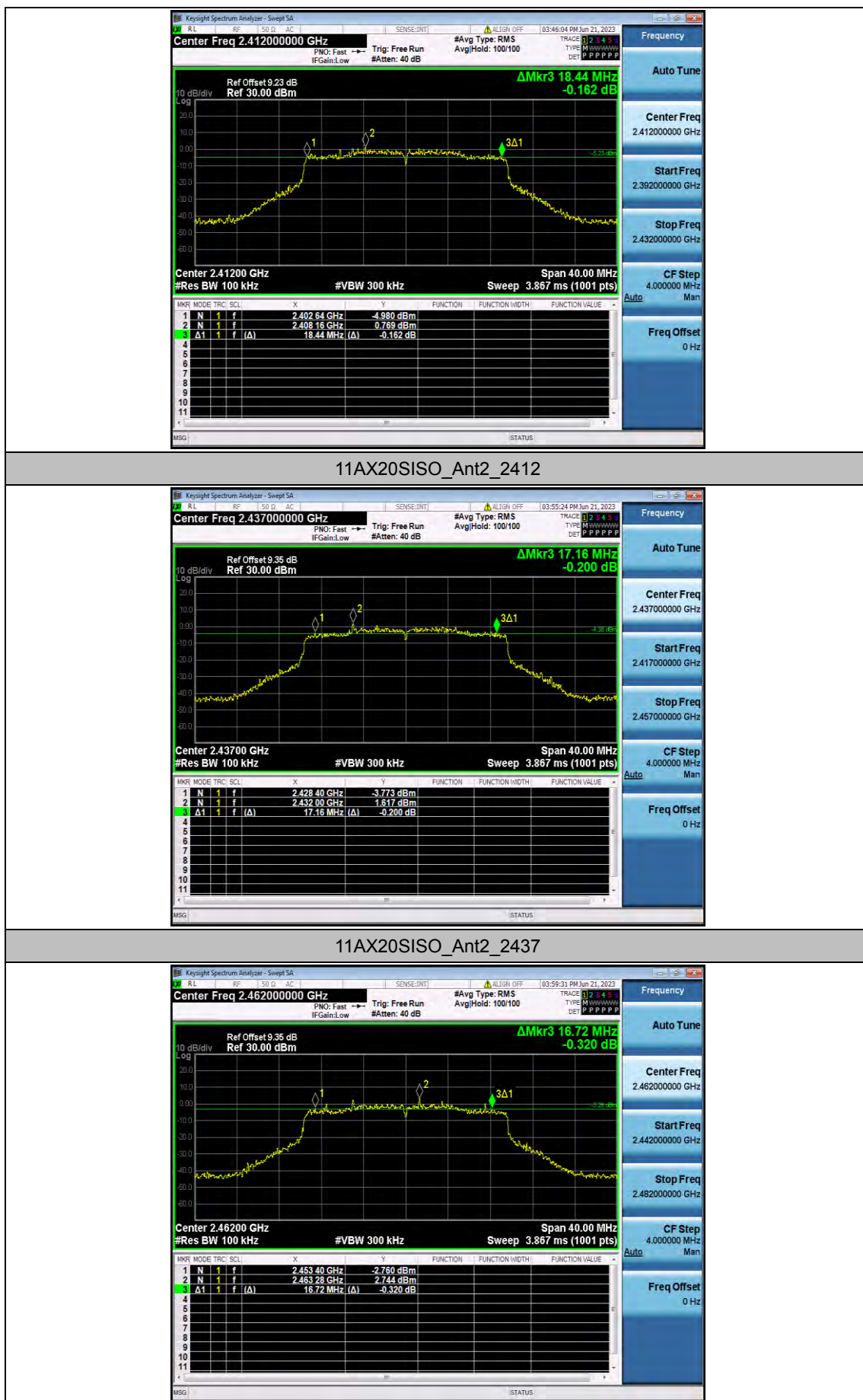
11N40SISO_Ant2_2422



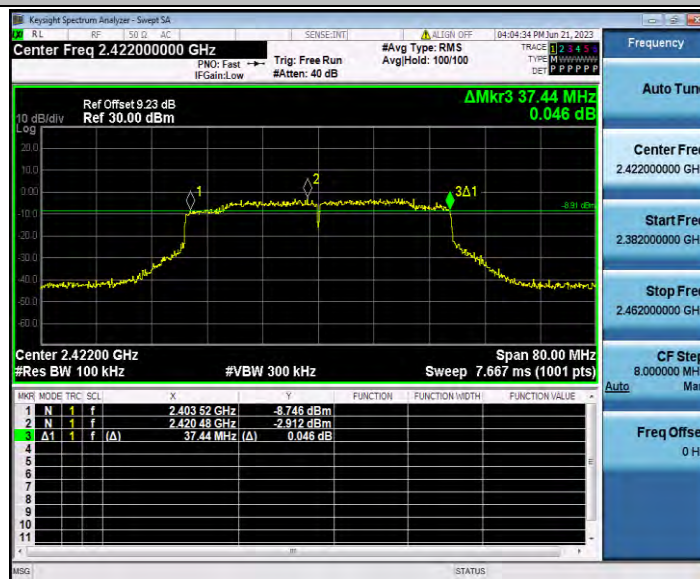
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



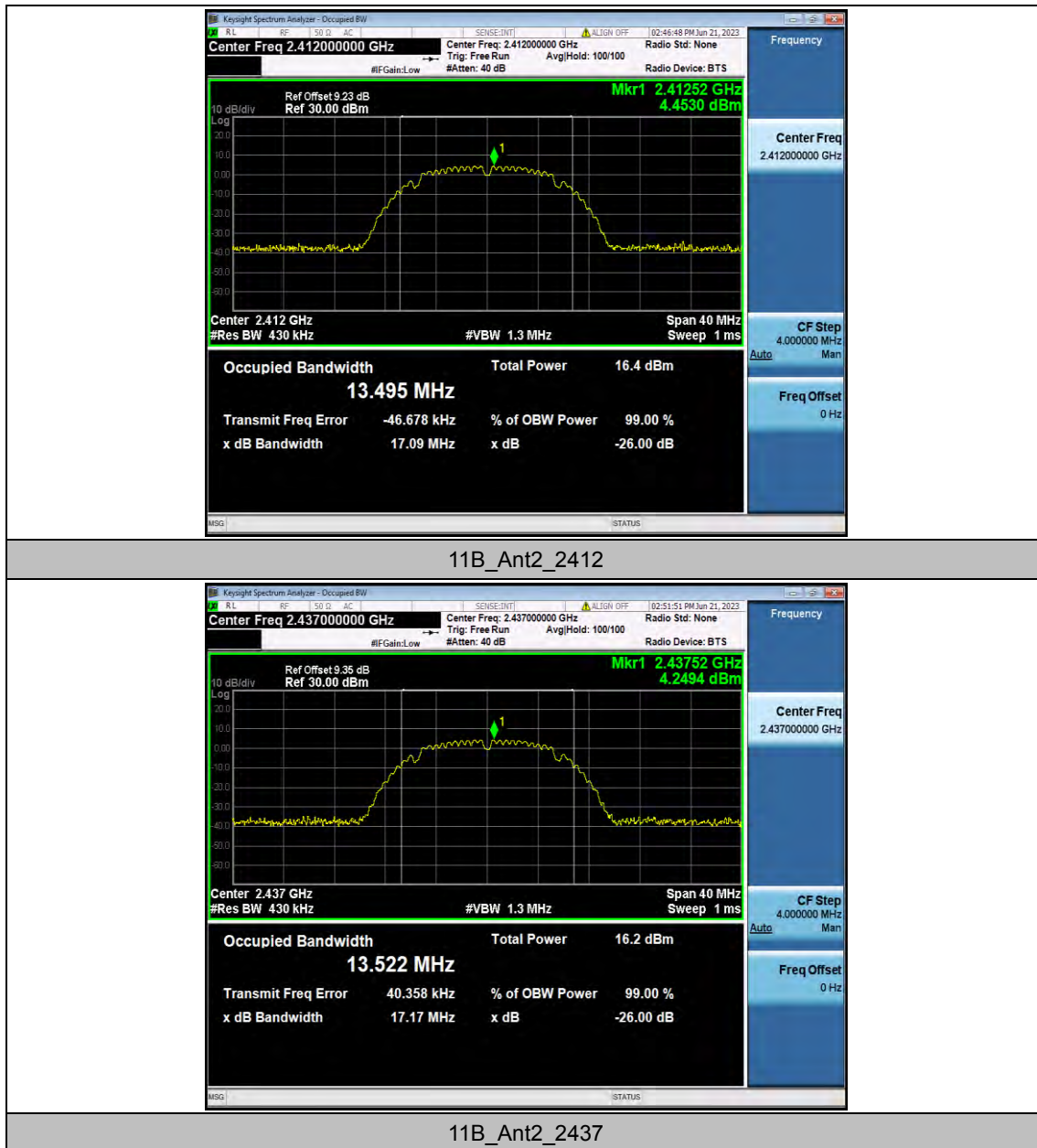
11AX40SISO_Ant2_2437

Appendix C.2: Occupied Channel Bandwidth

Test Result

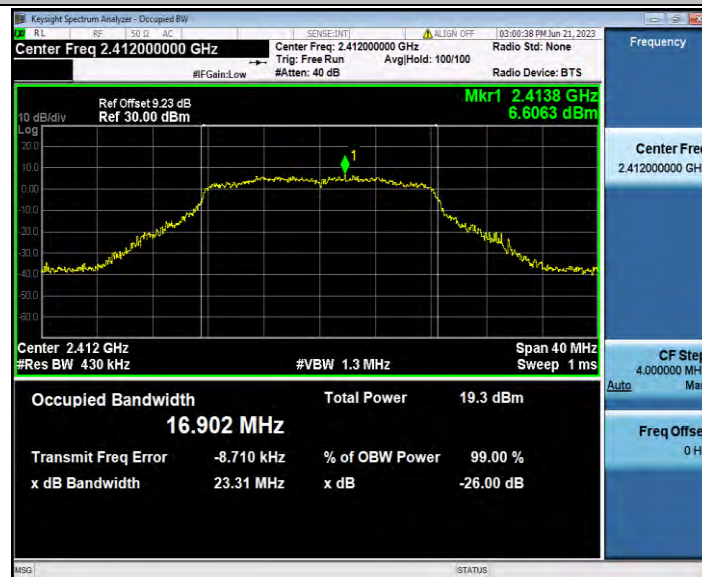
Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant2	2412	13.495	2405.206	2418.701	---	---
		2437	13.522	2430.279	2443.801	---	---
		2462	13.465	2455.268	2468.733	---	---
11G	Ant2	2412	16.902	2403.540	2420.442	---	---
		2437	16.879	2428.582	2445.461	---	---
		2462	16.896	2453.583	2470.479	---	---
11N20SISO	Ant2	2412	17.928	2403.030	2420.958	---	---
		2437	17.952	2428.105	2446.057	---	---
		2462	17.955	2453.034	2470.989	---	---
11N40SISO	Ant2	2422	36.104	2404.073	2440.177	---	---
		2437	36.115	2419.022	2455.137	---	---
		2452	35.994	2434.029	2470.023	---	---
11AX20SISO	Ant2	2412	19.000	2402.499	2421.499	---	---
		2437	18.948	2427.547	2446.495	---	---
		2462	18.936	2452.532	2471.468	---	---
11AX40SISO	Ant2	2422	37.511	2403.388	2440.899	---	---
		2437	37.598	2418.301	2455.899	---	---
		2452	37.482	2433.275	2470.757	---	---

Test Graphs

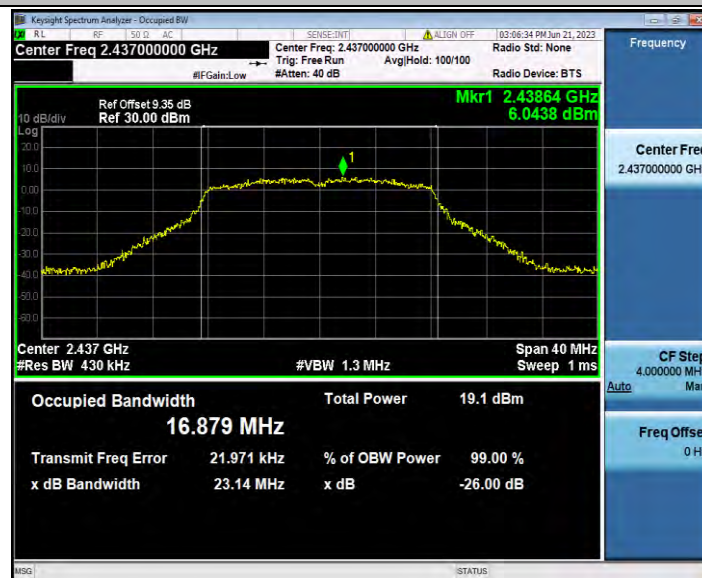




11B_Ant2_2462



11G_Ant2_2412



11G_Ant2_2437



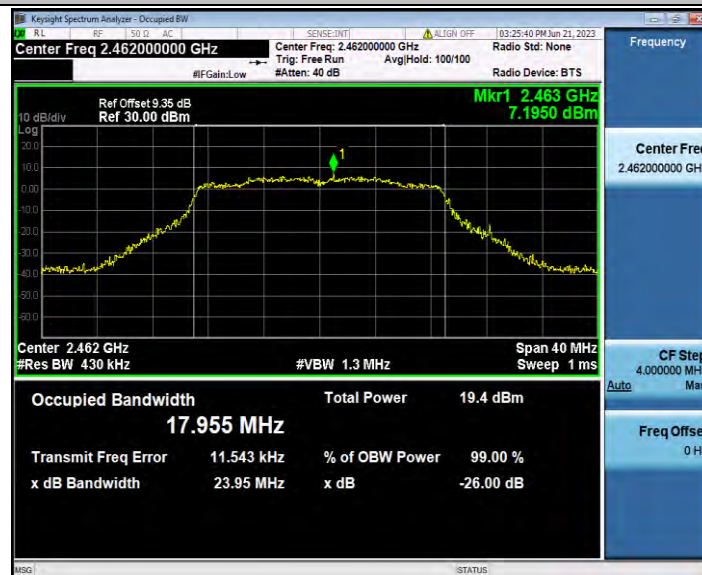
11G_Ant2_2462



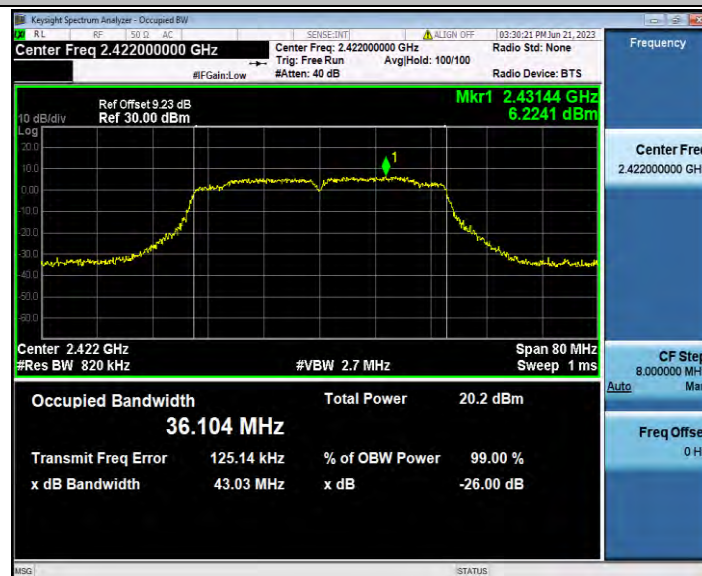
11N20SISO_Ant2_2412



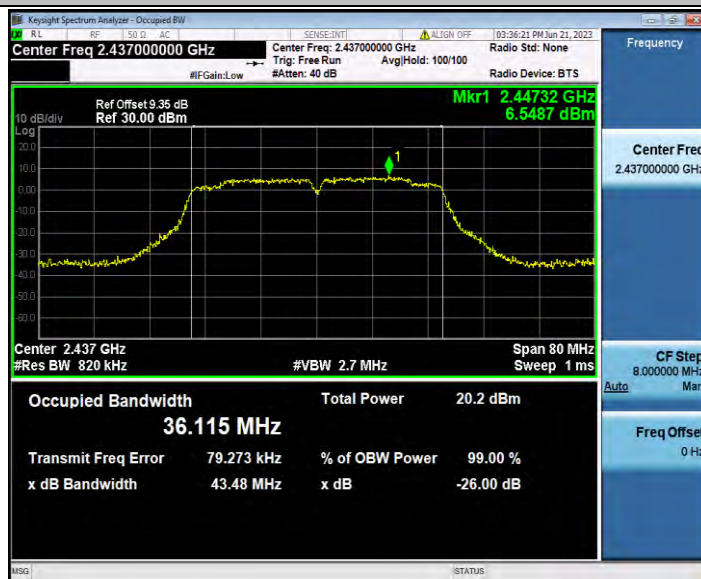
11N20SISO_Ant2_2437



11N20SISO_Ant2_2462



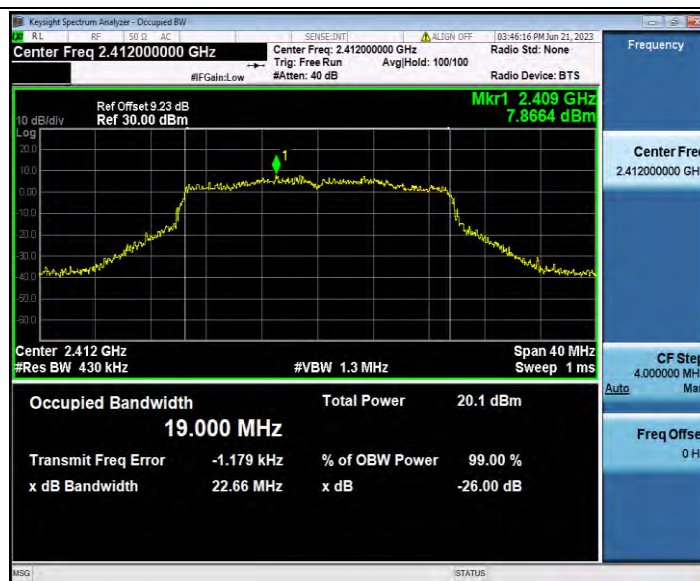
11N40SISO_Ant2_2422



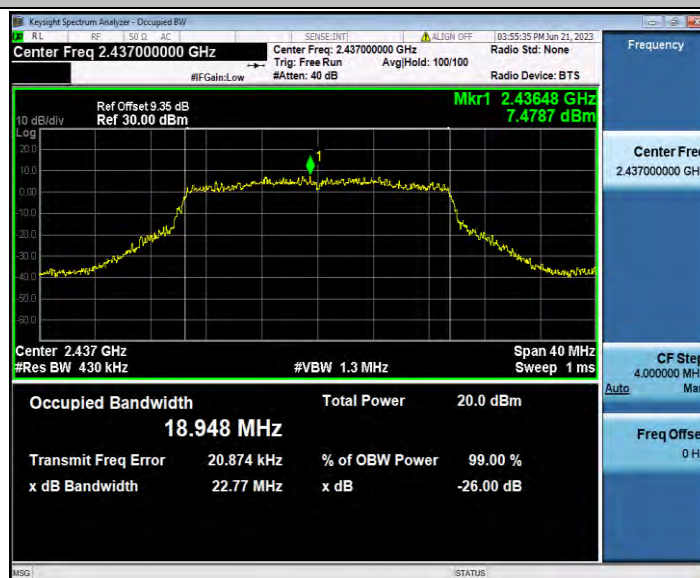
11N40SISO_Ant2_2437



11N40SISO_Ant2_2452



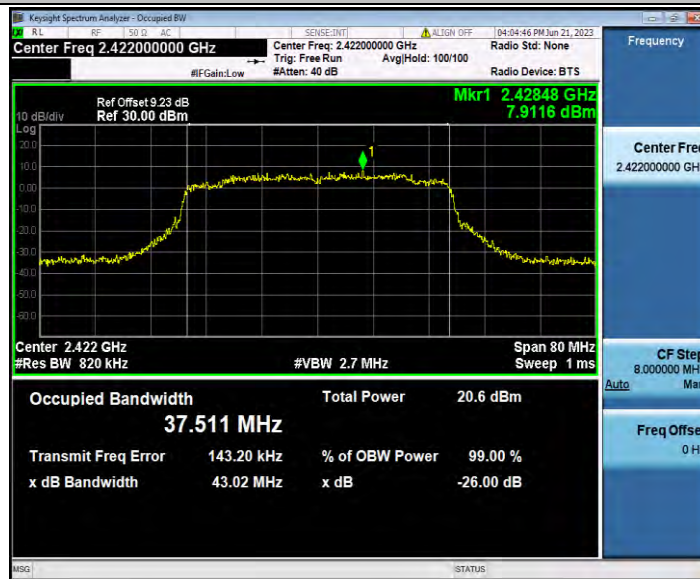
11AX20SISO_Ant2_2412



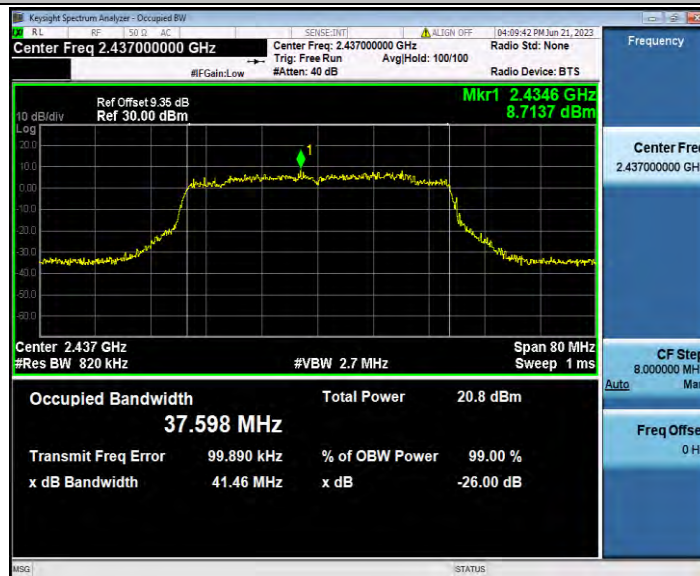
11AX20SISO_Ant2_2437



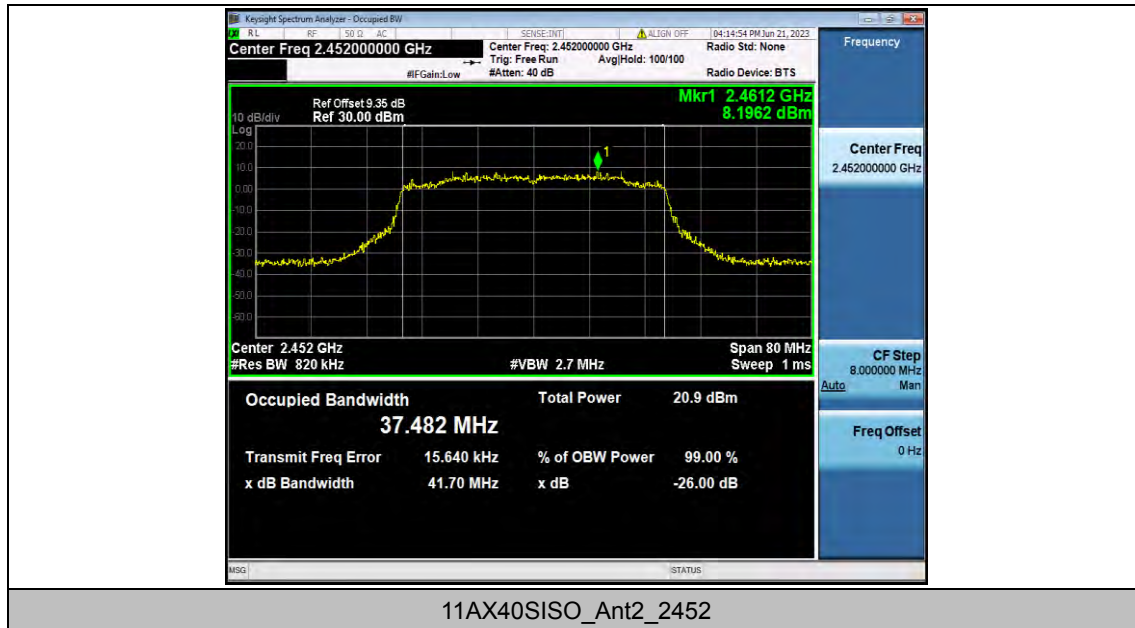
11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

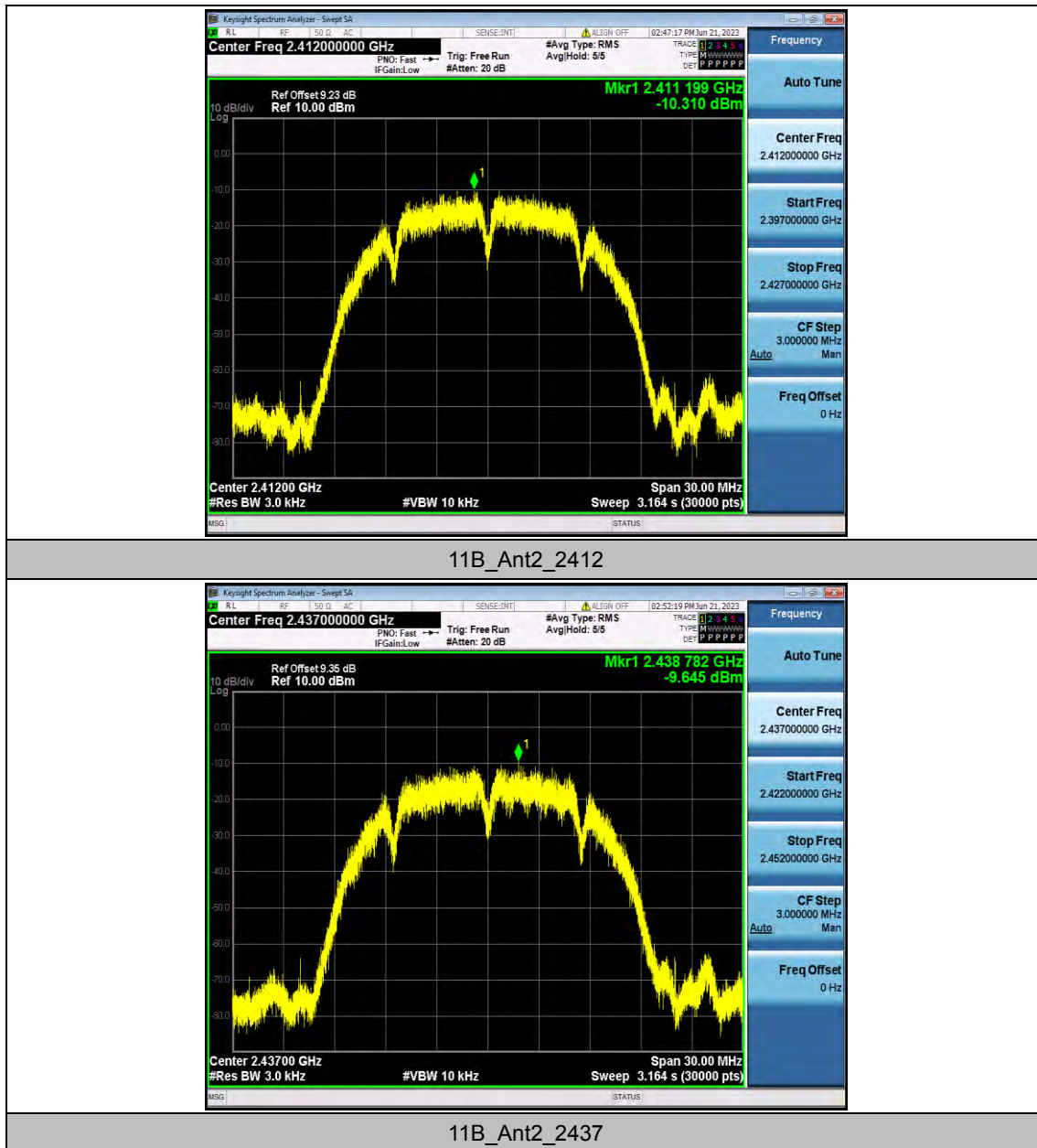
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant2	2412	16.48	≤30.00	PASS
		2437	16.28	≤30.00	PASS
		2462	16.66	≤30.00	PASS
11G	Ant2	2412	20.41	≤30.00	PASS
		2437	20.18	≤30.00	PASS
		2462	20.51	≤30.00	PASS
11N20SISO	Ant2	2412	20.42	≤30.00	PASS
		2437	20.15	≤30.00	PASS
		2462	20.43	≤30.00	PASS
11N40SISO	Ant2	2422	20.46	≤30.00	PASS
		2437	20.53	≤30.00	PASS
		2452	20.70	≤30.00	PASS
11AX20SISO	Ant2	2412	20.67	≤30.00	PASS
		2437	20.64	≤30.00	PASS
		2462	20.88	≤30.00	PASS
11AX40SISO	Ant2	2422	20.70	≤30.00	PASS
		2437	20.90	≤30.00	PASS
		2452	20.94	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

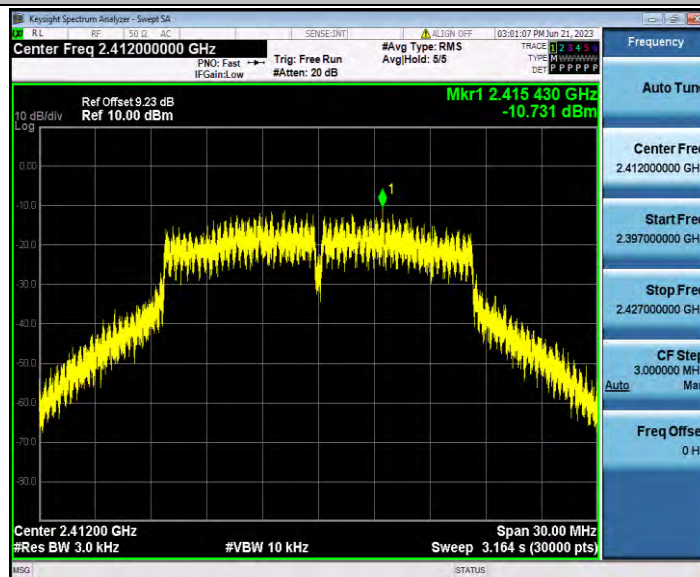
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant2	2412	-10.31	≤8.00	PASS
		2437	-9.65	≤8.00	PASS
		2462	-9.98	≤8.00	PASS
11G	Ant2	2412	-10.73	≤8.00	PASS
		2437	-11.34	≤8.00	PASS
		2462	-11.41	≤8.00	PASS
11N20SISO	Ant2	2412	-11.31	≤8.00	PASS
		2437	-11.77	≤8.00	PASS
		2462	-10.9	≤8.00	PASS
11N40SISO	Ant2	2422	-13.87	≤8.00	PASS
		2437	-14.75	≤8.00	PASS
		2452	-14.63	≤8.00	PASS
11AX20SISO	Ant2	2412	-12.67	≤8.00	PASS
		2437	-13.15	≤8.00	PASS
		2462	-12.64	≤8.00	PASS
11AX40SISO	Ant2	2422	-14.89	≤8.00	PASS
		2437	-14.94	≤8.00	PASS
		2452	-15.6	≤8.00	PASS

Test Graphs

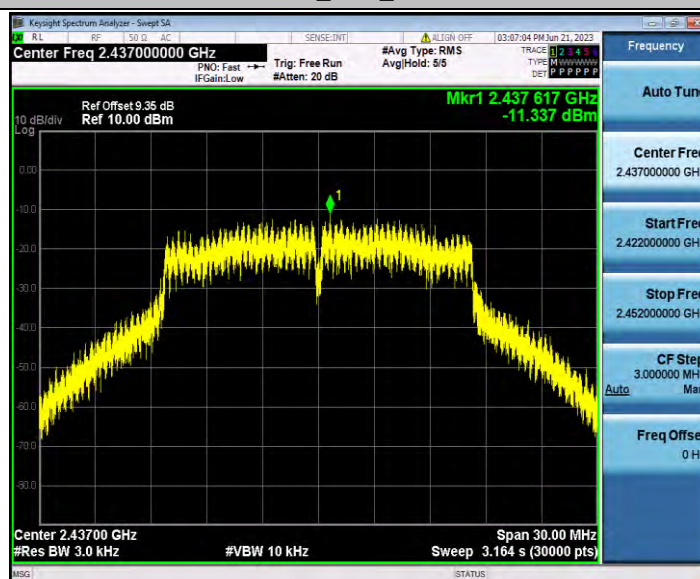




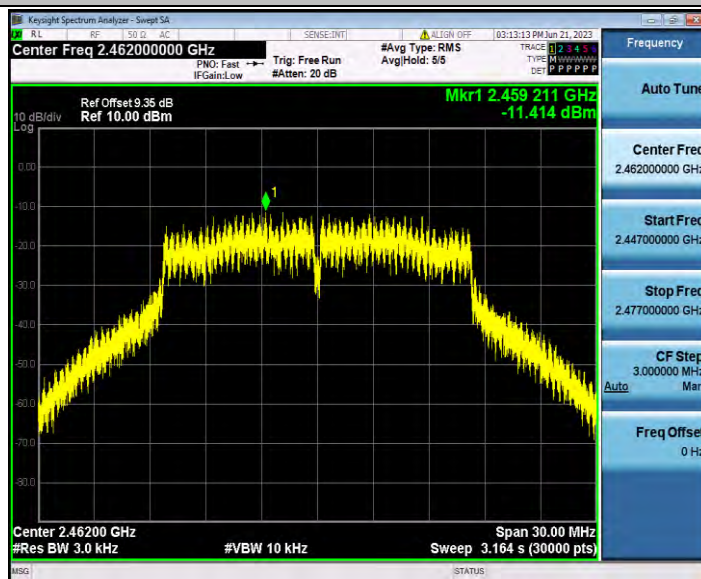
11B_Ant2_2462



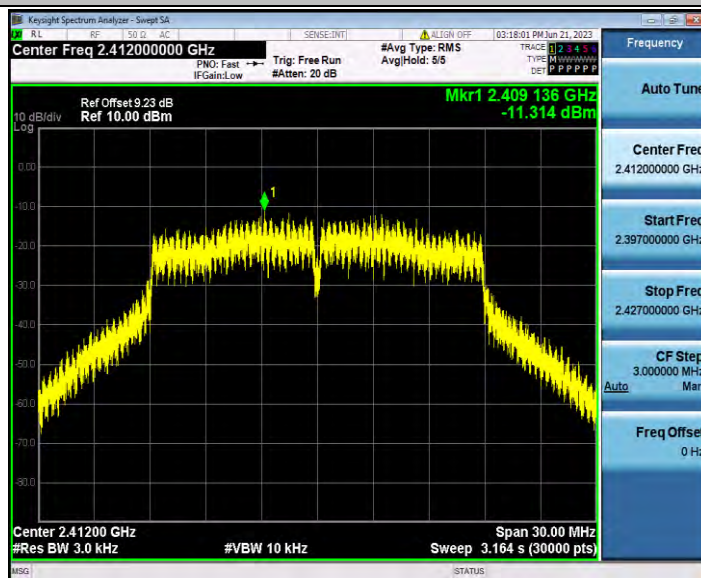
11G_Ant2_2412



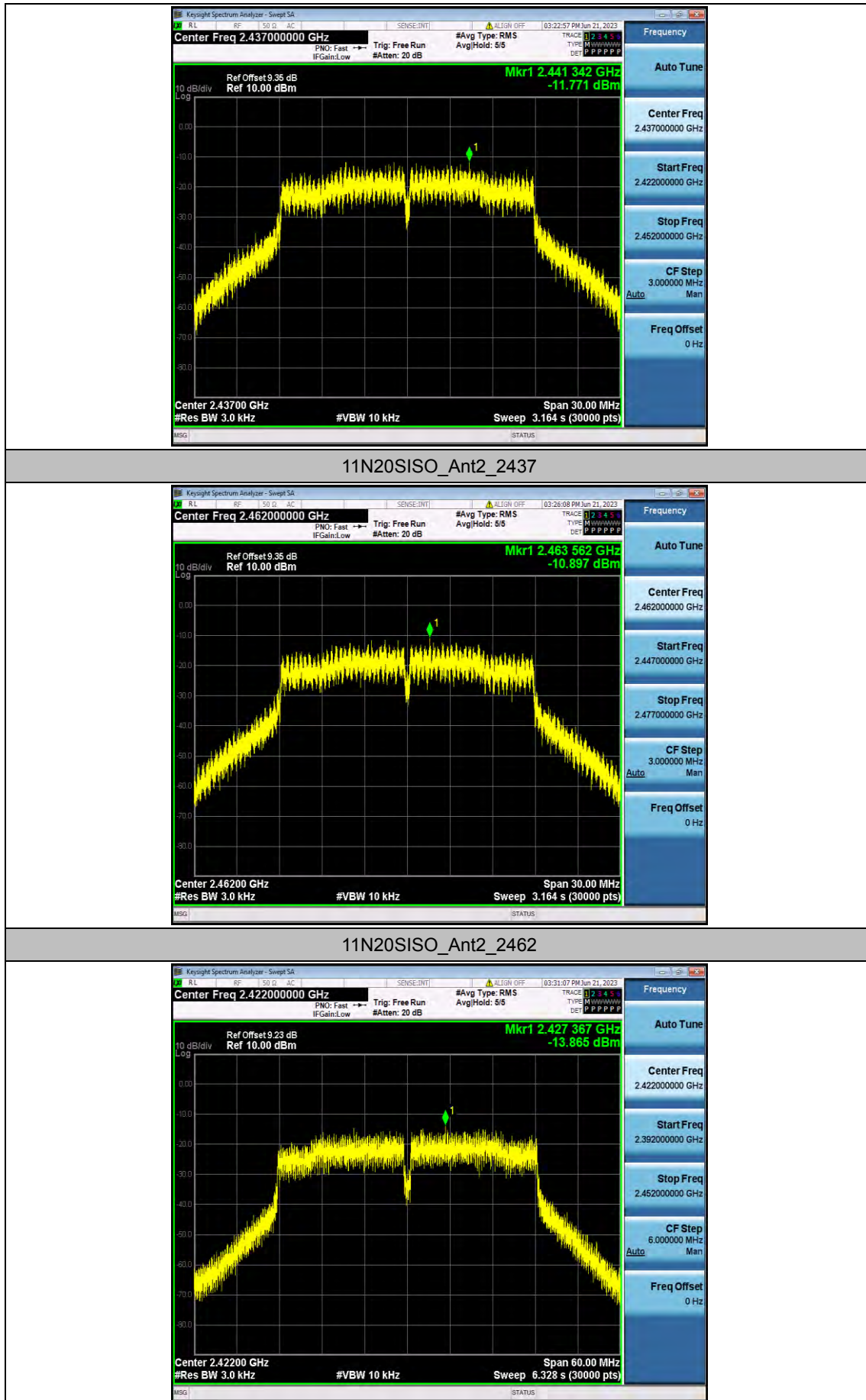
11G_Ant2_2437



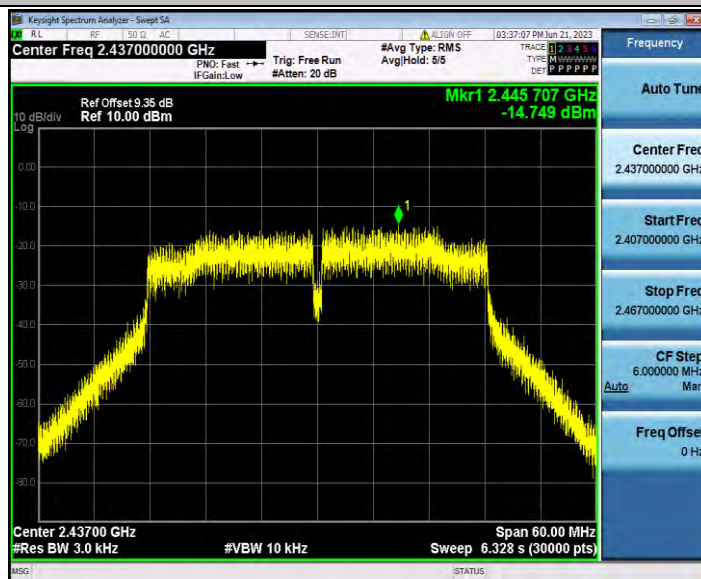
11G_Ant2_2462



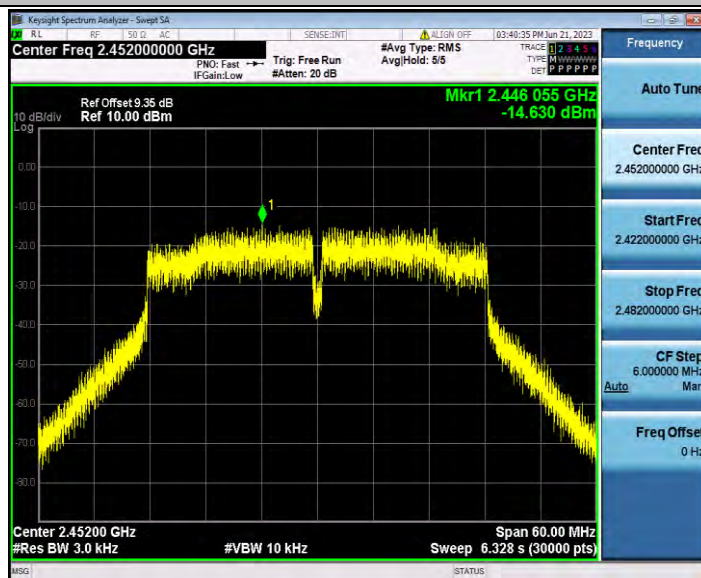
11N20SISO_Ant2_2412



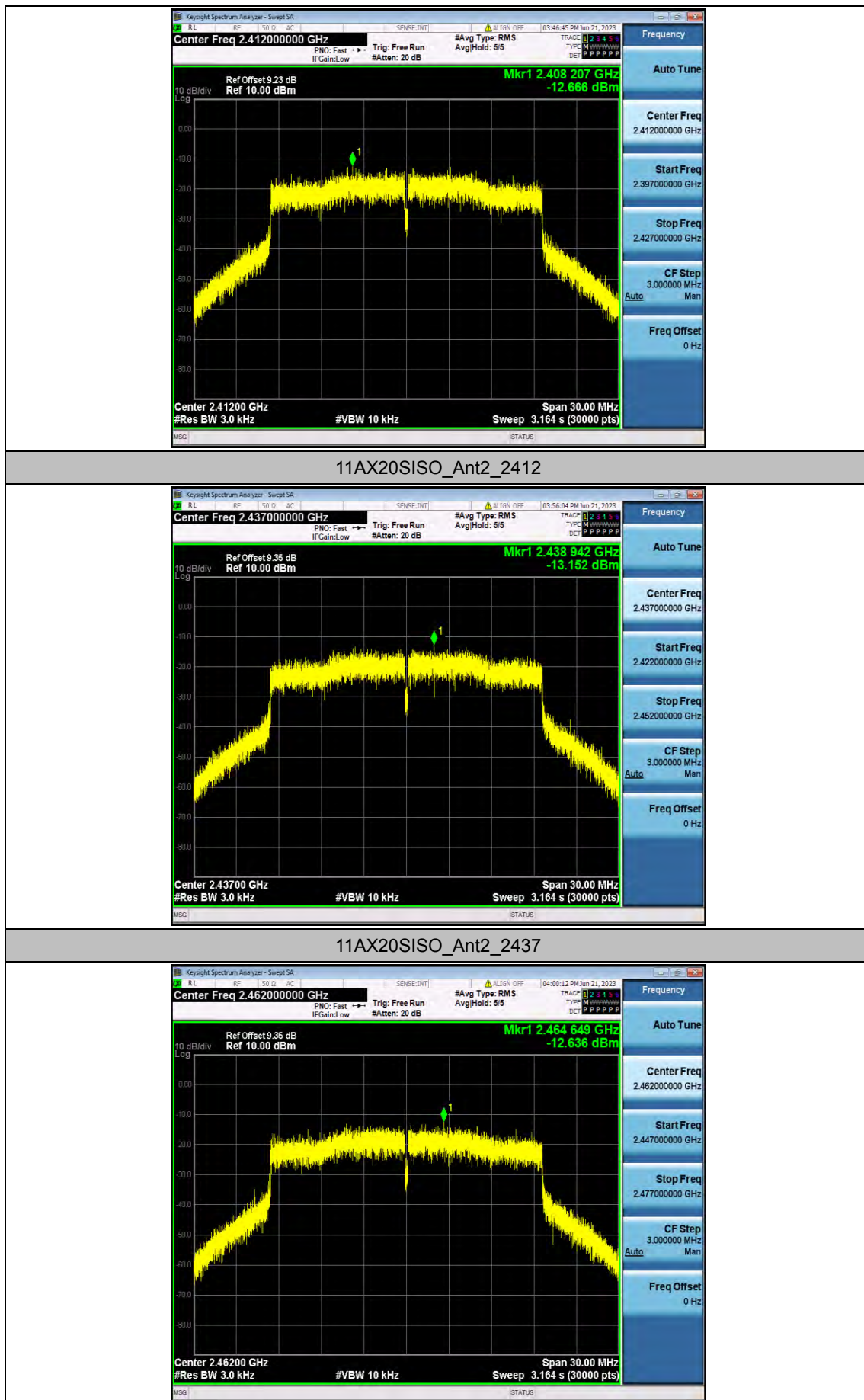
11N40SISO_Ant2_2422



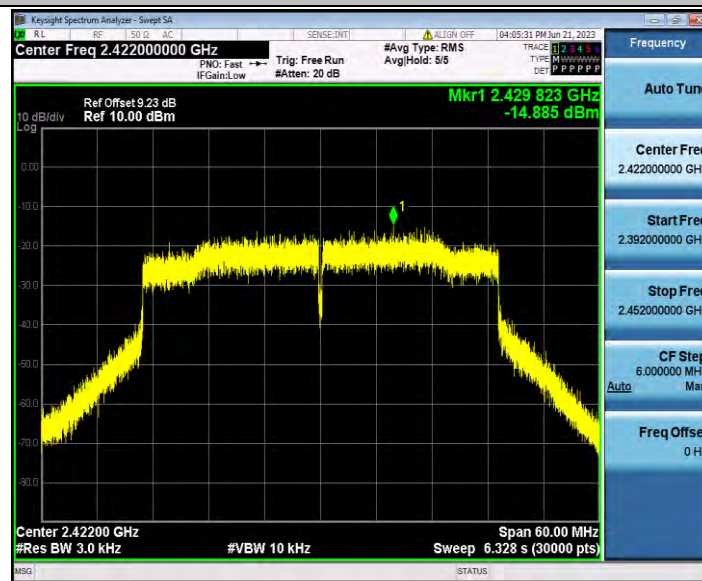
11N40SISO_Ant2_2437



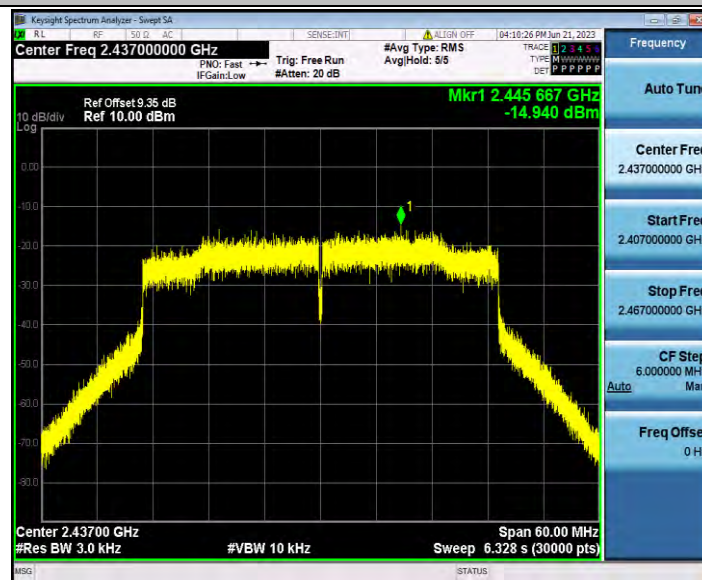
11N40SISO_Ant2_2452



11AX20SISO_Ant2_2462



11AX40SISO_Ant2_2422



11AX40SISO_Ant2_2437

