

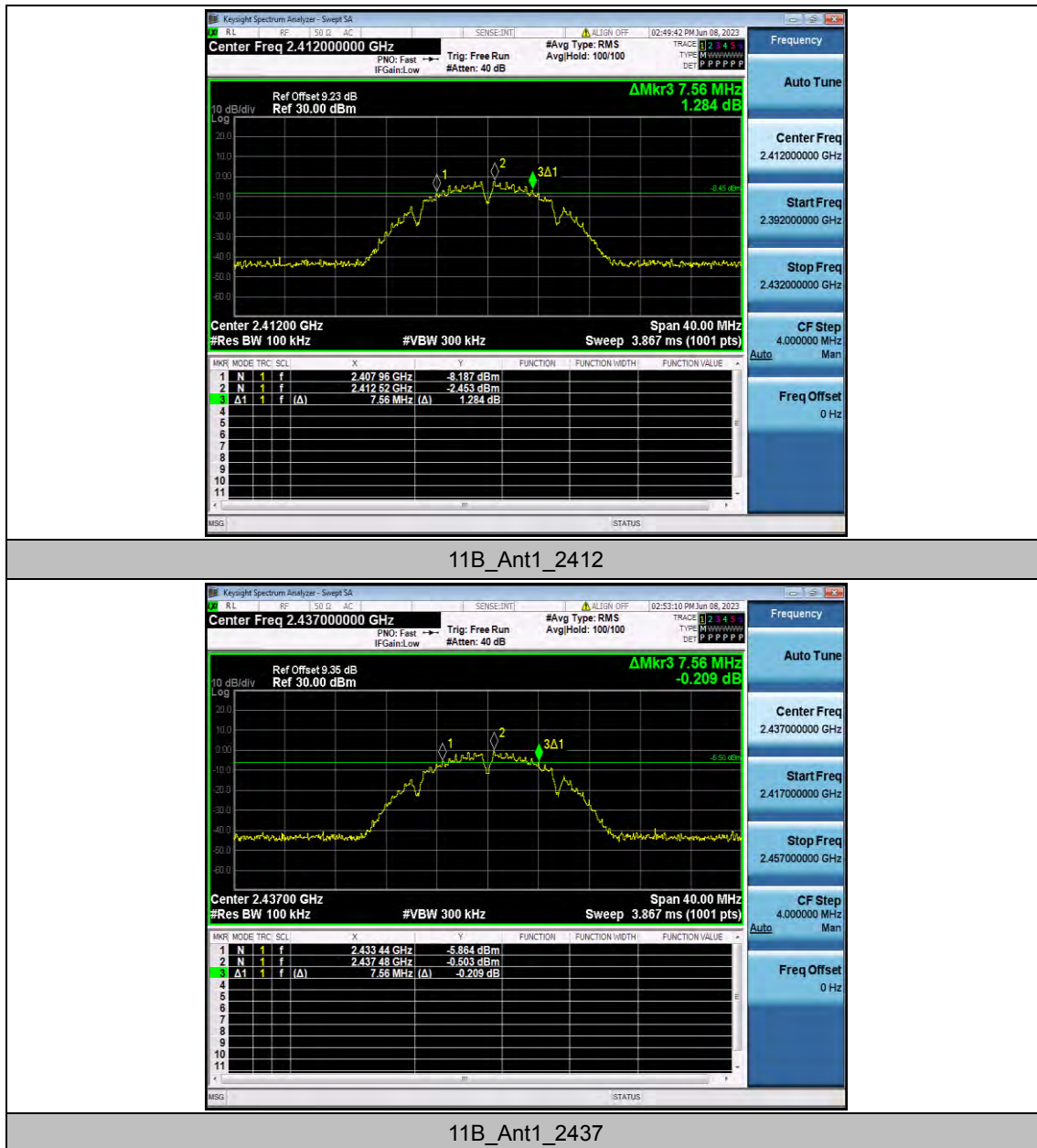
Case No. : <u>GTS20230302010-1-11</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.4.18</u>	Test Engineer: <u>Jenny zeng</u>

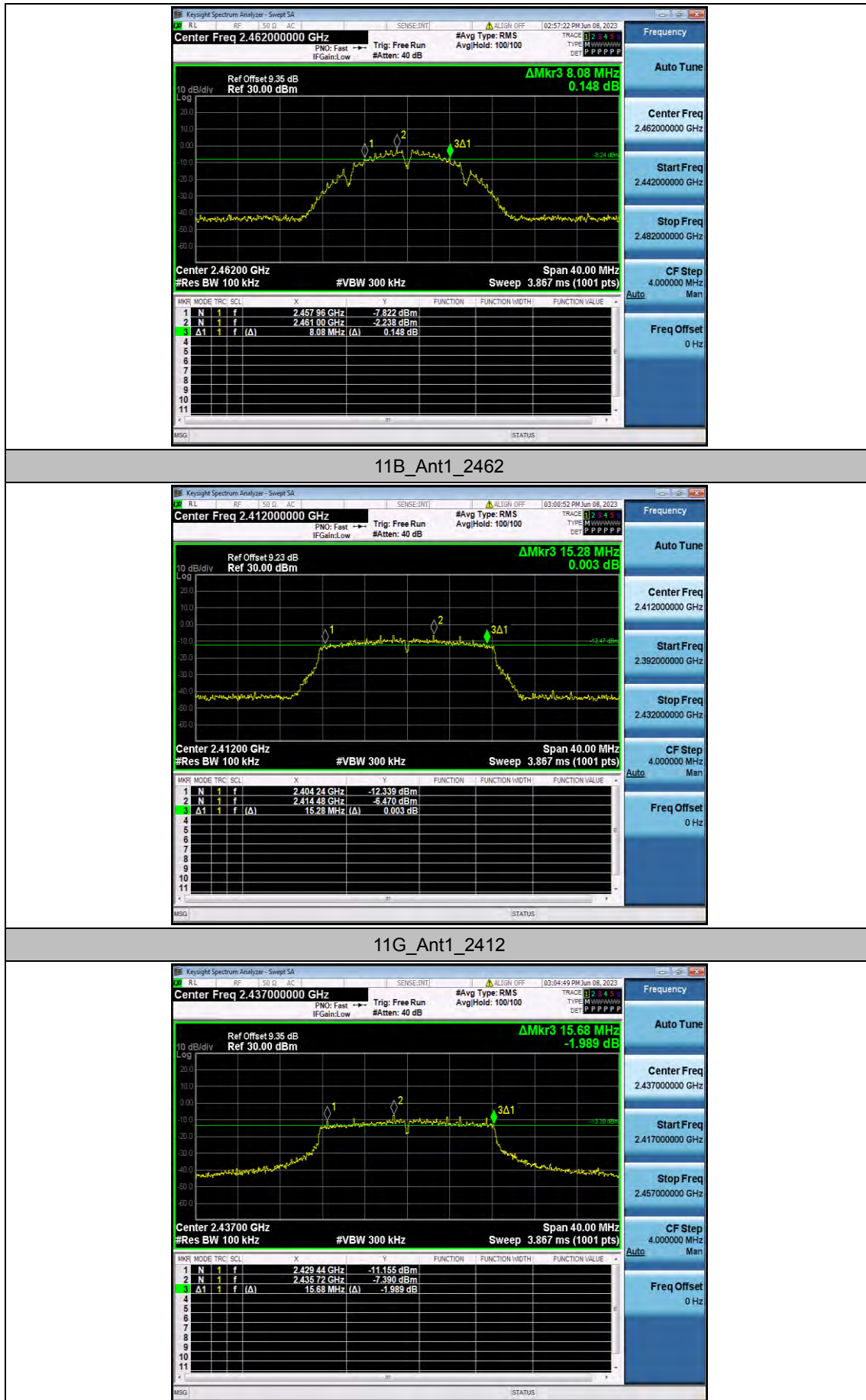
Appendix C.1: DTS Bandwidth

Test Result

Test Mode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.560	2407.960	2415.520	0.5	PASS
		2437	7.560	2433.440	2441.000	0.5	PASS
		2462	8.080	2457.960	2466.040	0.5	PASS
11G	Ant1	2412	15.280	2404.240	2419.520	0.5	PASS
		2437	15.680	2429.440	2445.120	0.5	PASS
		2462	16.280	2453.840	2470.120	0.5	PASS
11N20SISO	Ant1	2412	15.600	2404.520	2420.120	0.5	PASS
		2437	15.280	2429.440	2444.720	0.5	PASS
		2462	15.440	2454.080	2469.520	0.5	PASS
11N40SISO	Ant1	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	35.040	2419.480	2454.520	0.5	PASS
		2452	32.640	2435.680	2468.320	0.5	PASS
11AX20SISO	Ant1	2412	17.760	2403.240	2421.000	0.5	PASS
		2437	16.520	2429.440	2445.960	0.5	PASS
		2462	15.800	2454.400	2470.200	0.5	PASS
11AX40SISO	Ant1	2422	36.240	2404.400	2440.640	0.5	PASS
		2437	35.520	2419.480	2455.000	0.5	PASS
		2452	33.920	2435.680	2469.600	0.5	PASS

Test Graphs

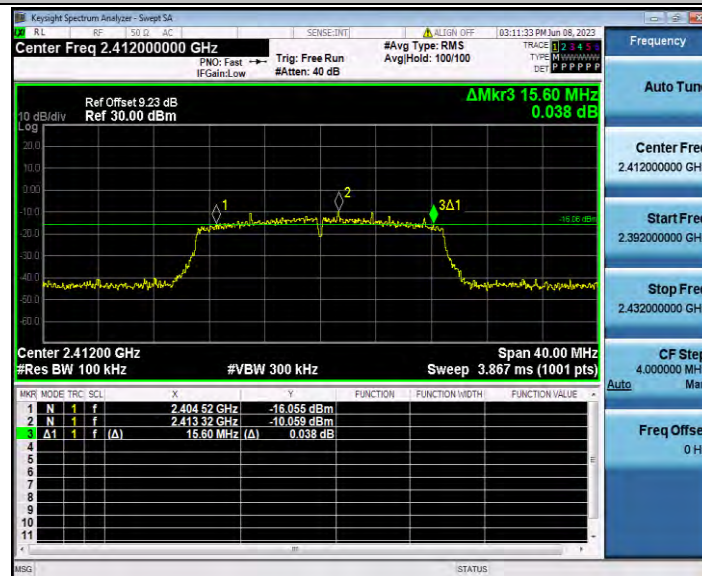




11G_Ant1_2437



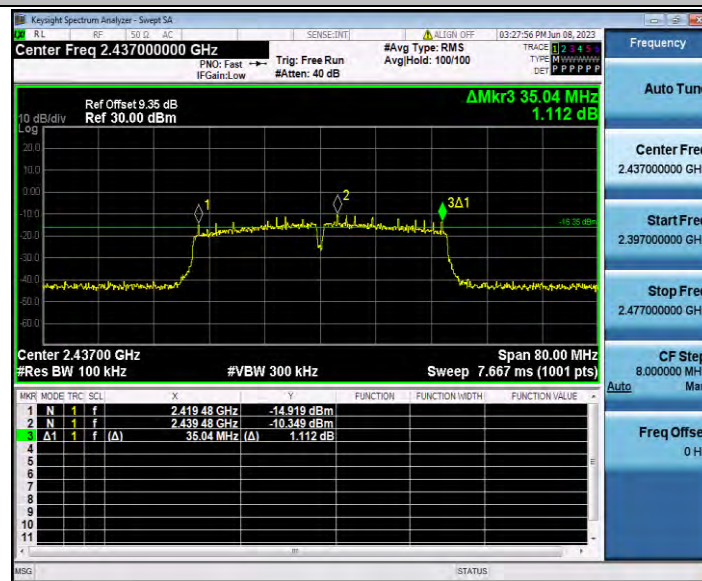
11G_Ant1_2462



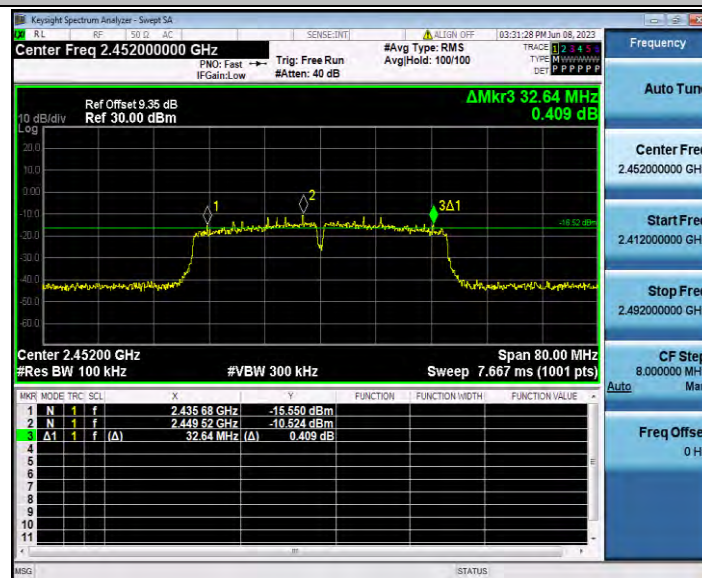
11N20SISO_Ant1_2412



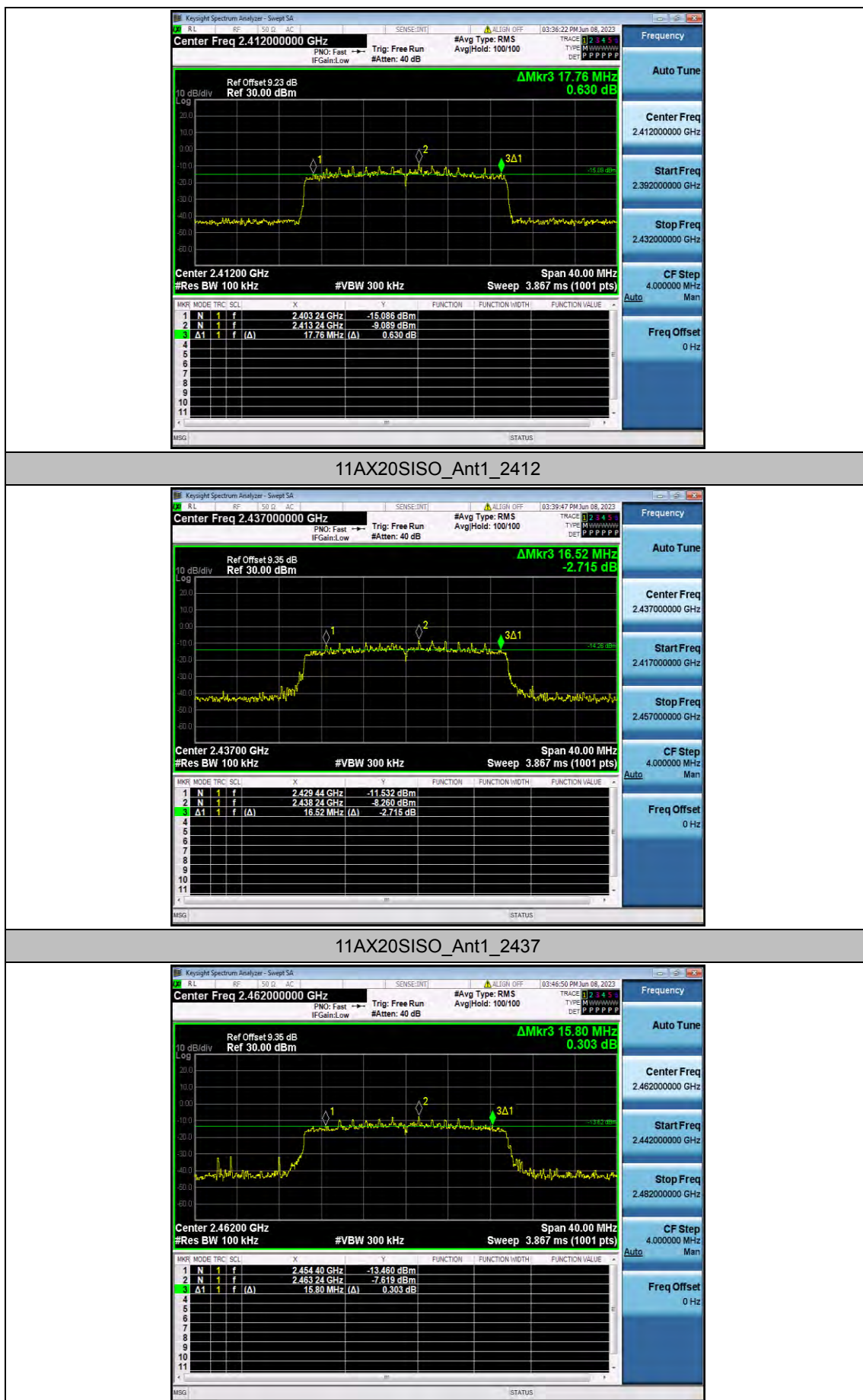
11N40SISO_Ant1_2422



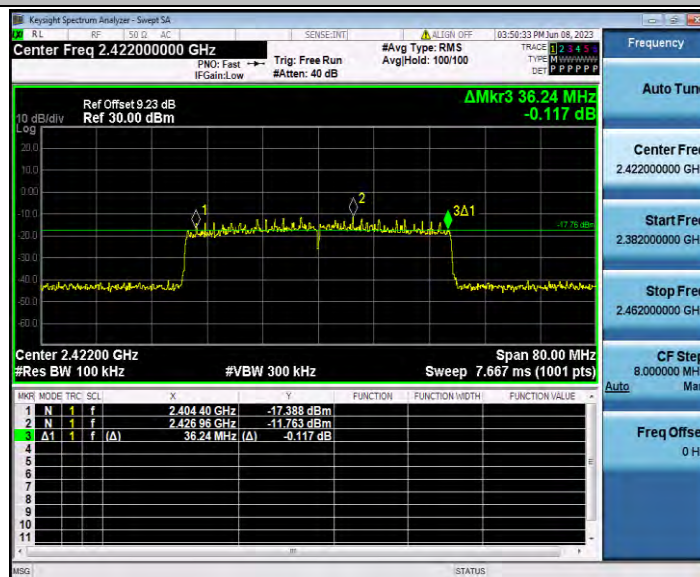
11N40SISO_Ant1_2437



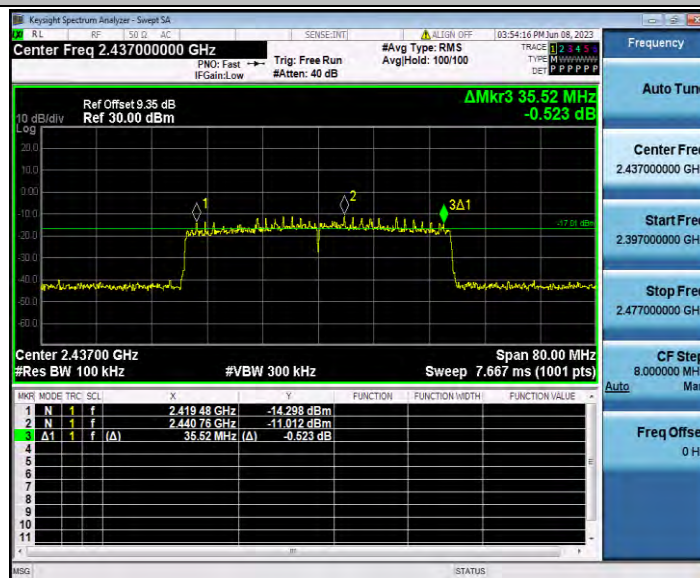
11N40SISO_Ant1_2452



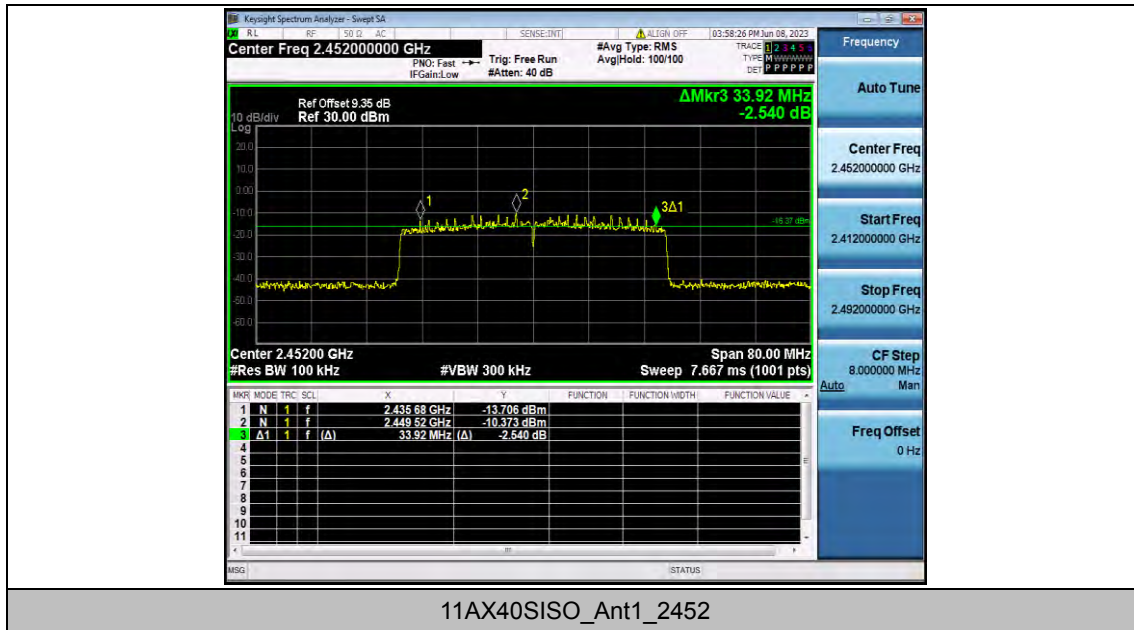
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.2: Occupied Channel Bandwidth

Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.866	2405.584	2418.450	---	---
		2437	12.735	2430.712	2443.447	---	---
		2462	12.865	2455.570	2468.435	---	---
11G	Ant1	2412	16.853	2403.581	2420.434	---	---
		2437	17.584	2428.335	2445.919	---	---
		2462	17.743	2453.100	2470.843	---	---
11N20SISO	Ant1	2412	17.830	2403.116	2420.946	---	---
		2437	18.959	2427.625	2446.584	---	---
		2462	18.774	2452.609	2471.383	---	---
11N40SISO	Ant1	2422	36.299	2403.891	2440.190	---	---
		2437	36.198	2418.967	2455.165	---	---
		2452	36.152	2433.963	2470.115	---	---
11AX20SISO	Ant1	2412	18.904	2402.524	2421.428	---	---
		2437	18.997	2427.523	2446.520	---	---
		2462	18.986	2452.493	2471.479	---	---
11AX40SISO	Ant1	2422	37.781	2403.184	2440.965	---	---
		2437	37.789	2418.155	2455.944	---	---
		2452	37.753	2433.124	2470.877	---	---

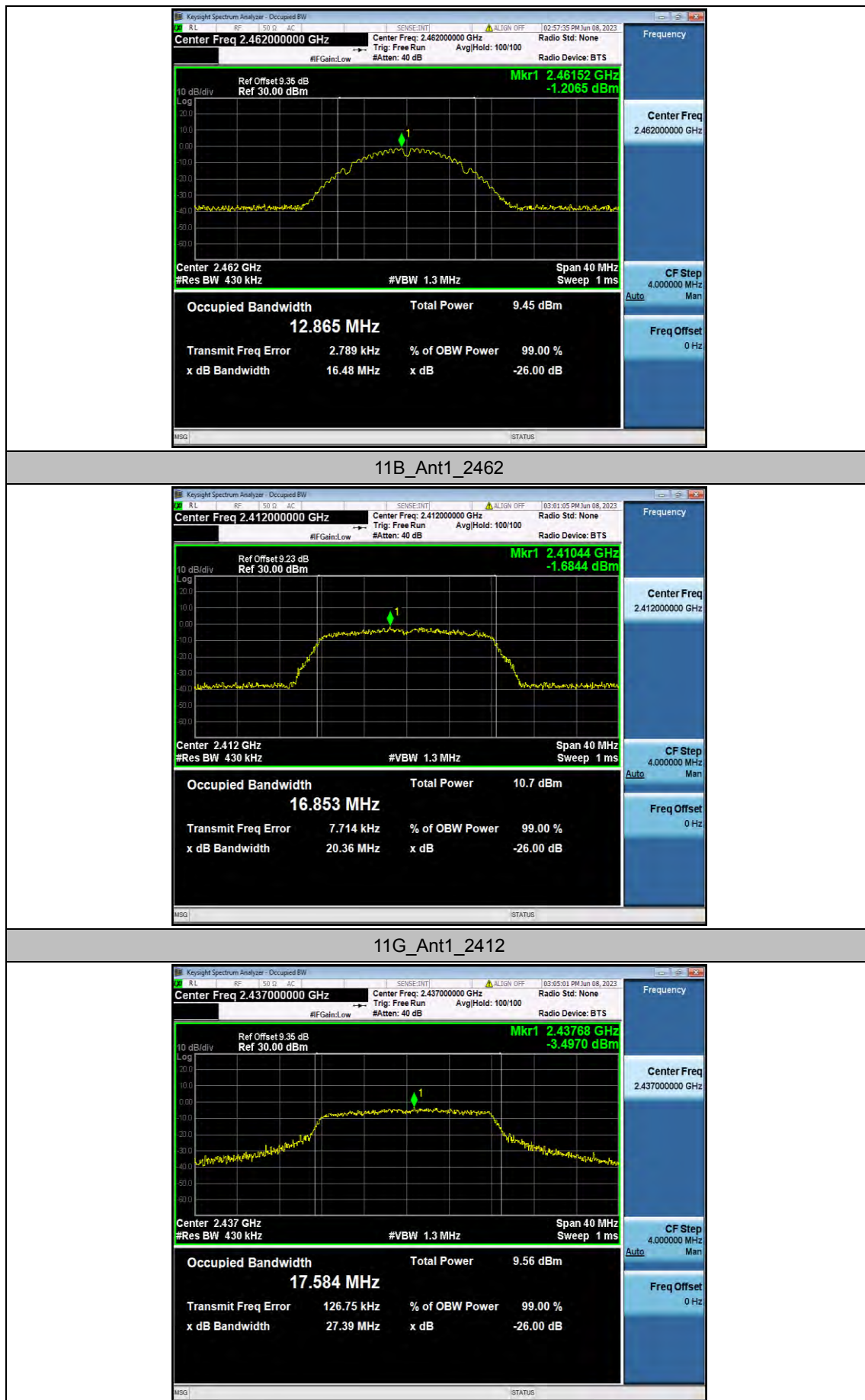
Test Graphs



11B_Ant1_2412



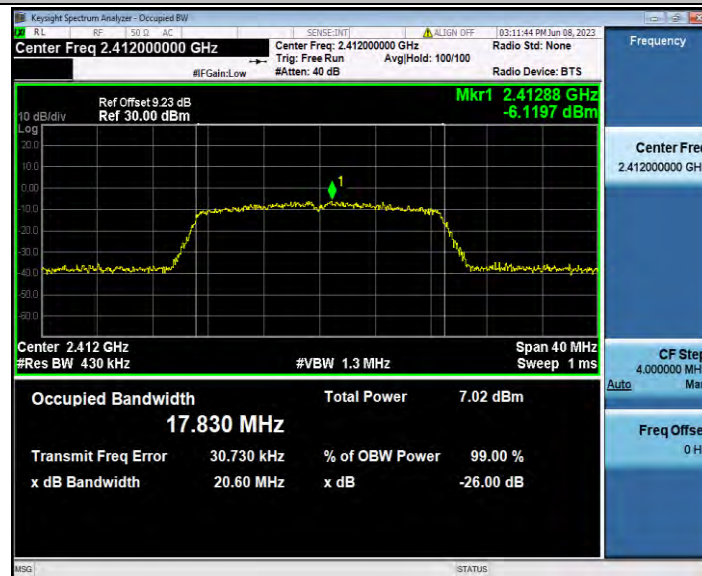
11B_Ant1_2437



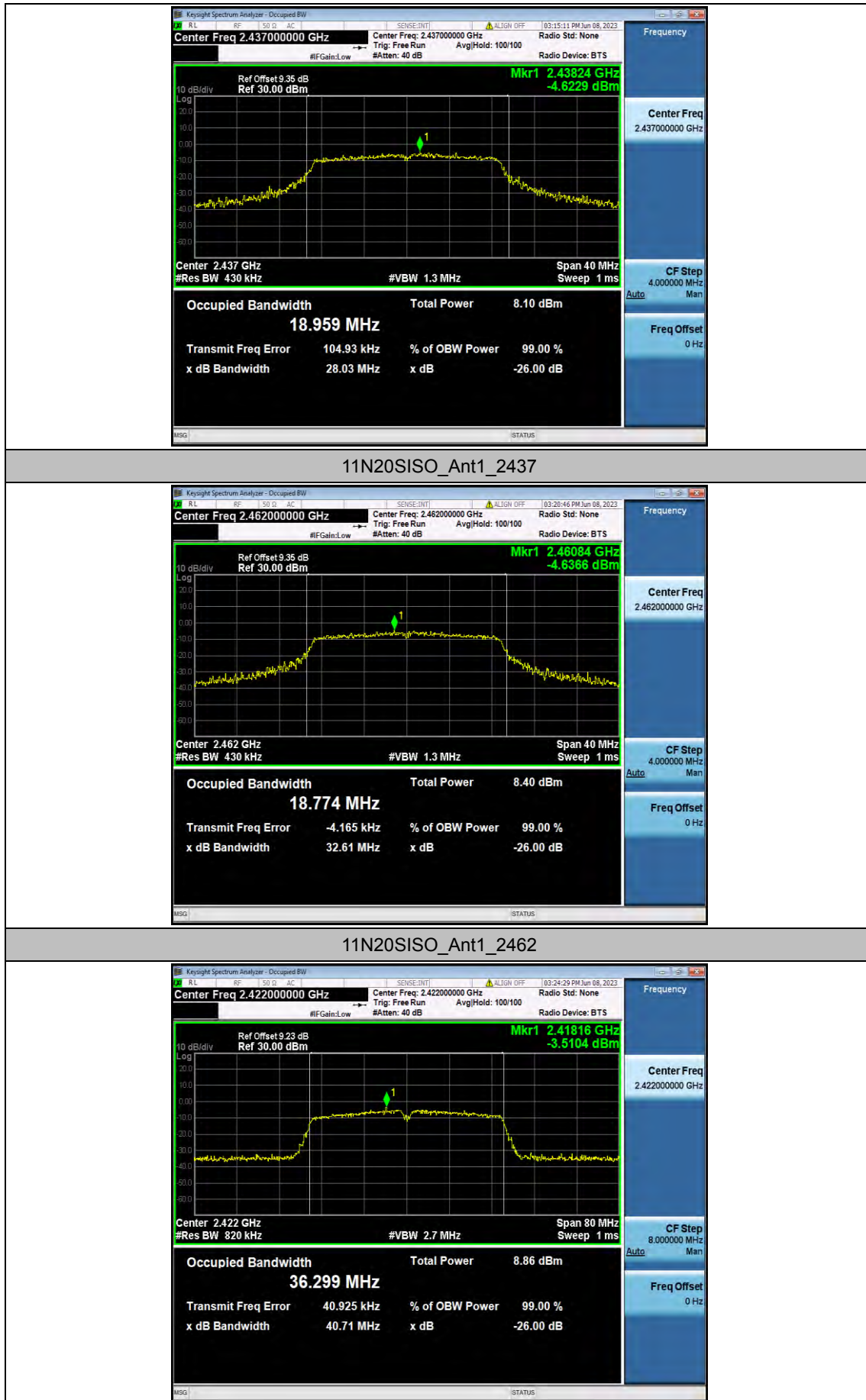
11G_Ant1_2437



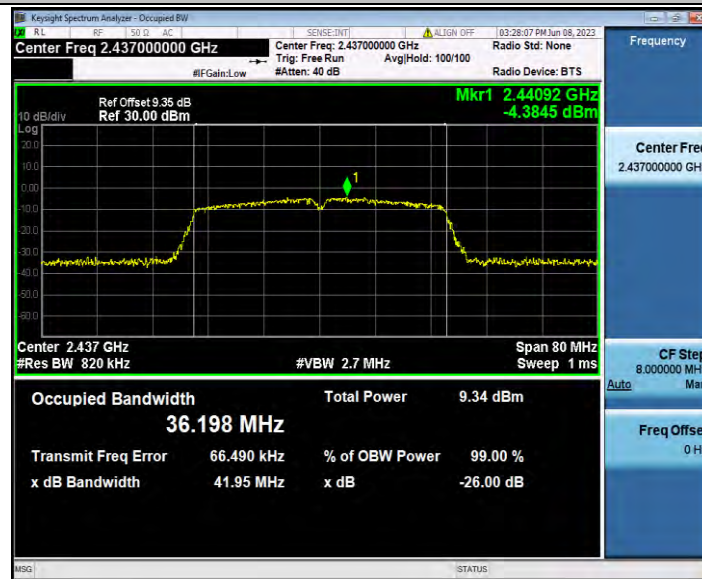
11G_Ant1_2462



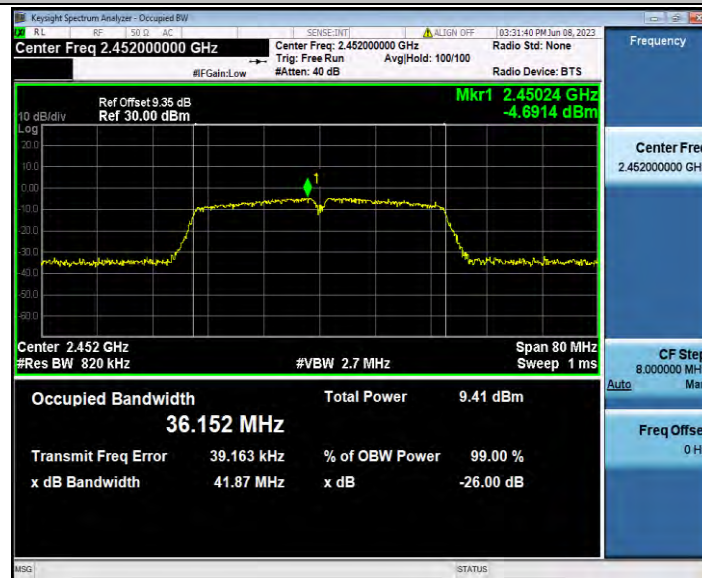
11N20SISO_Ant1_2412



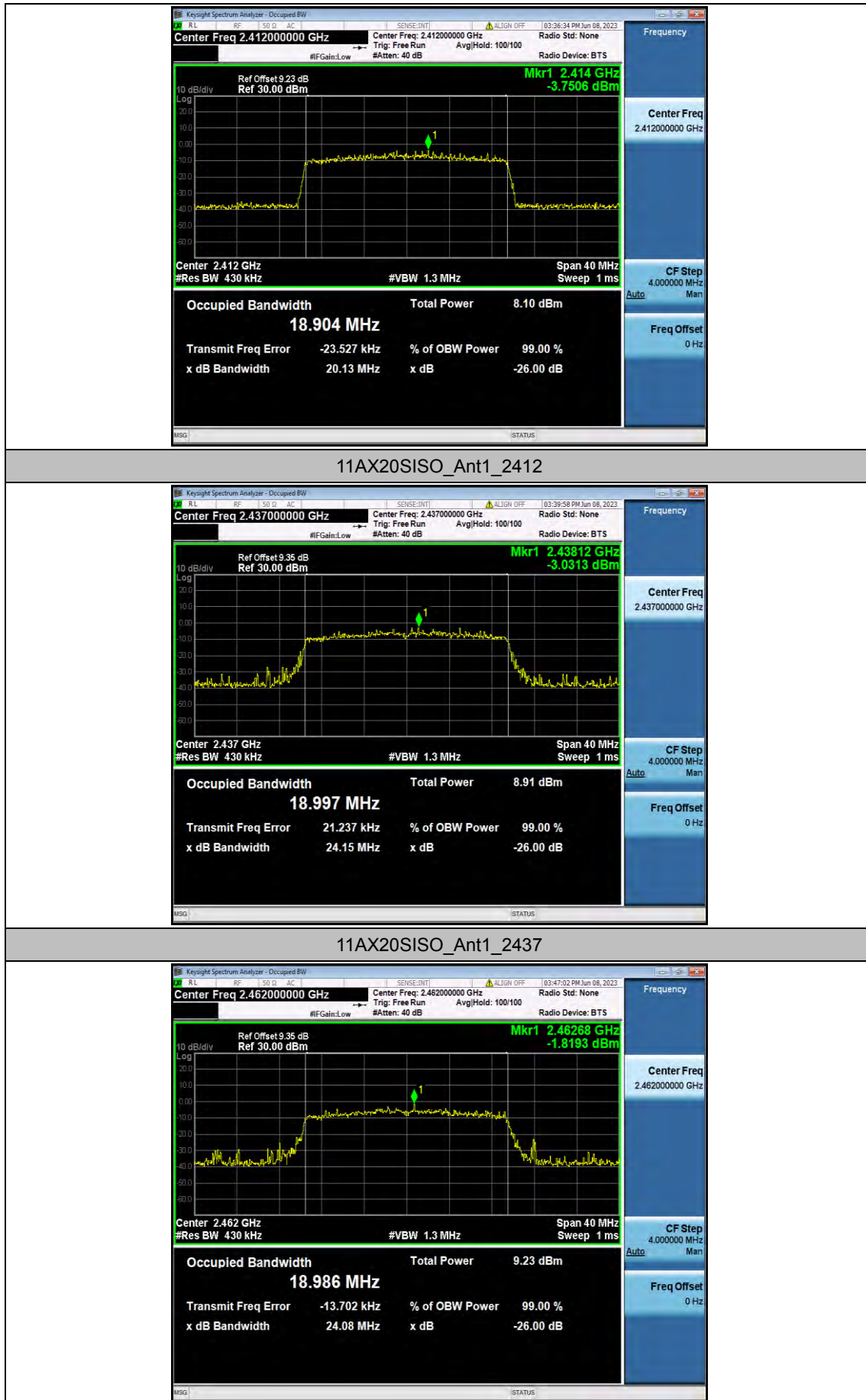
11N40SISO_Ant1_2422



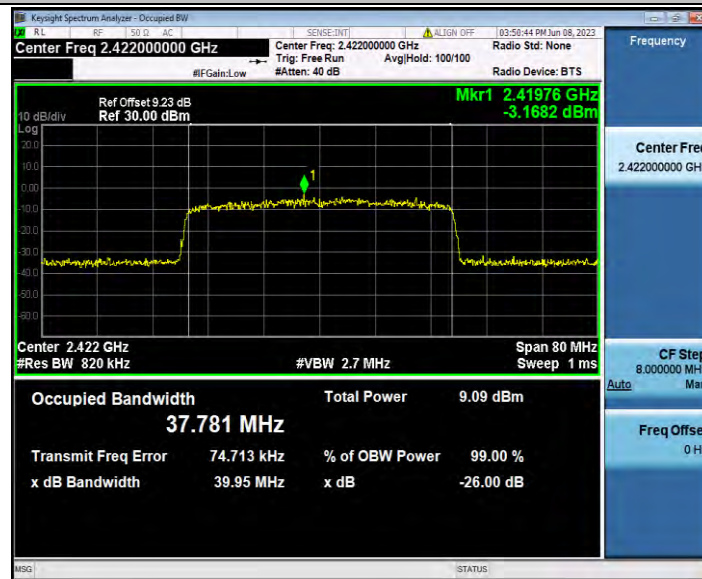
11N40SISO_Ant1_2437



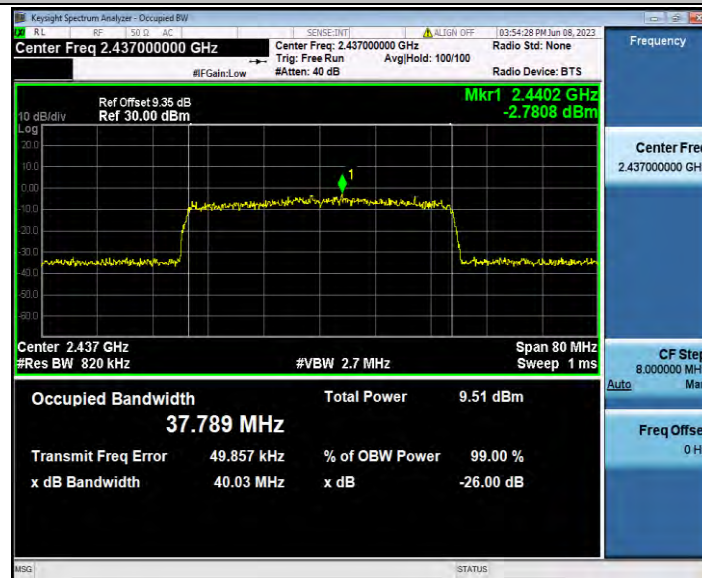
11N40SISO_Ant1_2452



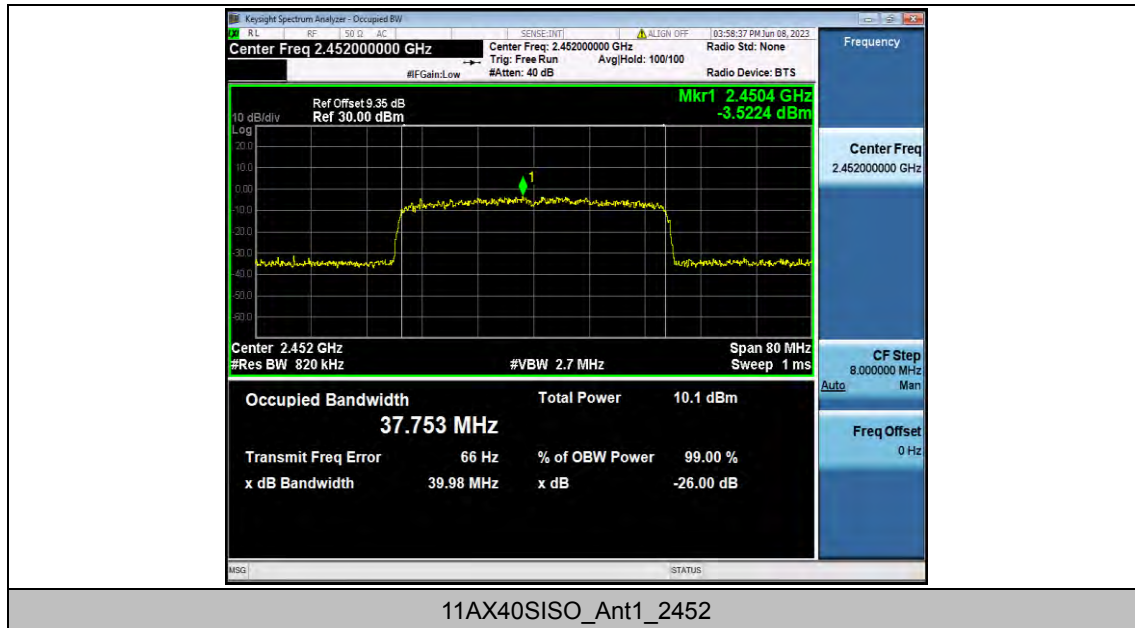
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

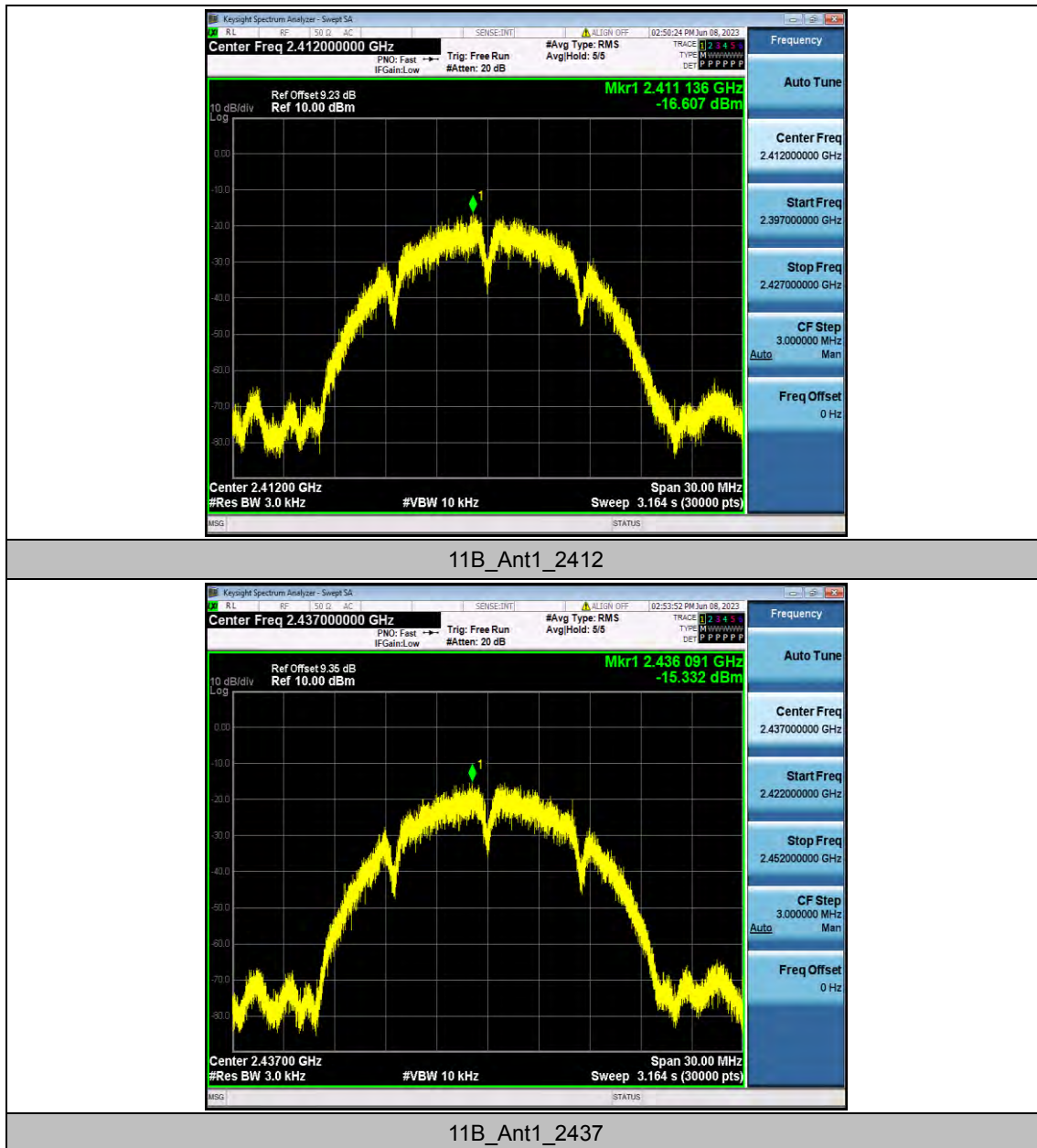
TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	8.66	≤30.00	PASS
		2437	8.21	≤30.00	PASS
		2462	8.20	≤30.00	PASS
11G	Ant1	2412	8.95	≤30.00	PASS
		2437	8.02	≤30.00	PASS
		2462	8.65	≤30.00	PASS
11N20SISO	Ant1	2412	8.02	≤30.00	PASS
		2437	8.28	≤30.00	PASS
		2462	8.67	≤30.00	PASS
11N40SISO	Ant1	2422	8.61	≤30.00	PASS
		2437	8.32	≤30.00	PASS
		2452	8.64	≤30.00	PASS
11AX20SISO	Ant1	2412	8.71	≤30.00	PASS
		2437	8.95	≤30.00	PASS
		2462	8.28	≤30.00	PASS
11AX40SISO	Ant1	2422	8.36	≤30.00	PASS
		2437	8.07	≤30.00	PASS
		2452	8.35	≤30.00	PASS

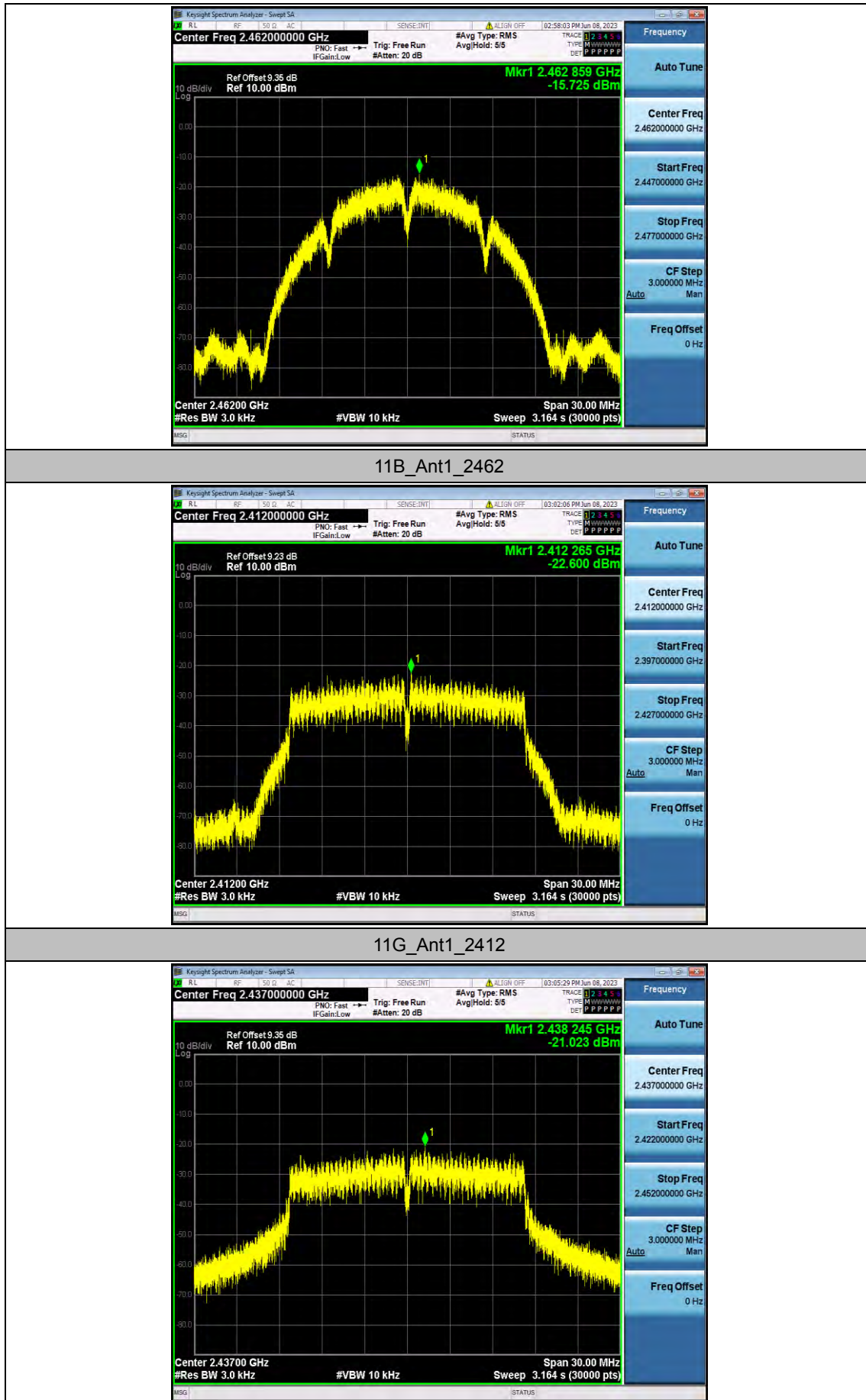
Appendix C.4: Maximum power spectral density

Test Result

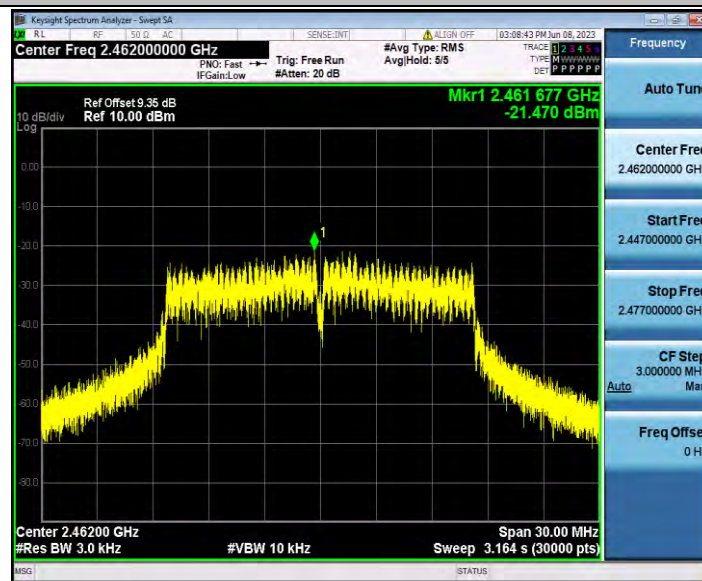
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-16.61	≤8.00	PASS
		2437	-15.33	≤8.00	PASS
		2462	-15.73	≤8.00	PASS
11G	Ant1	2412	-22.6	≤8.00	PASS
		2437	-21.02	≤8.00	PASS
		2462	-21.47	≤8.00	PASS
11N20SISO	Ant1	2412	-22.78	≤8.00	PASS
		2437	-22.42	≤8.00	PASS
		2462	-23.1	≤8.00	PASS
11N40SISO	Ant1	2422	-25.73	≤8.00	PASS
		2437	-25.7	≤8.00	PASS
		2452	-25.12	≤8.00	PASS
11AX20SISO	Ant1	2412	-25.96	≤8.00	PASS
		2437	-24.01	≤8.00	PASS
		2462	-23.89	≤8.00	PASS
11AX40SISO	Ant1	2422	-27.56	≤8.00	PASS
		2437	-27.12	≤8.00	PASS
		2452	-24.73	≤8.00	PASS

Test Graphs

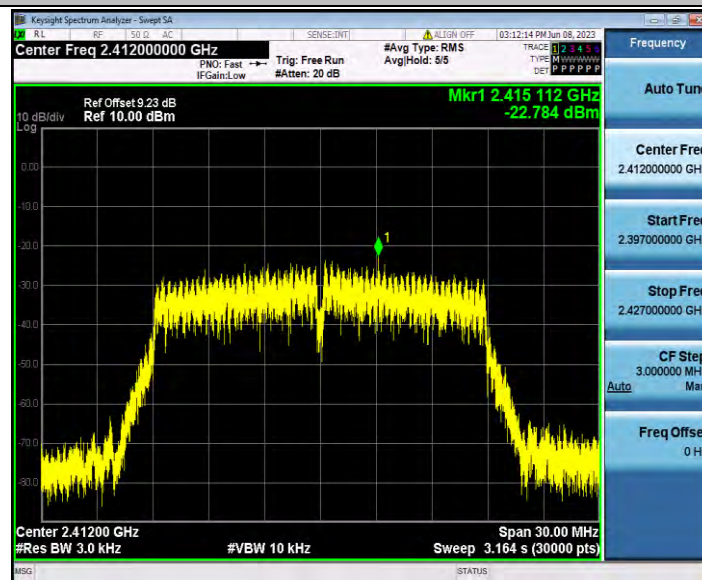




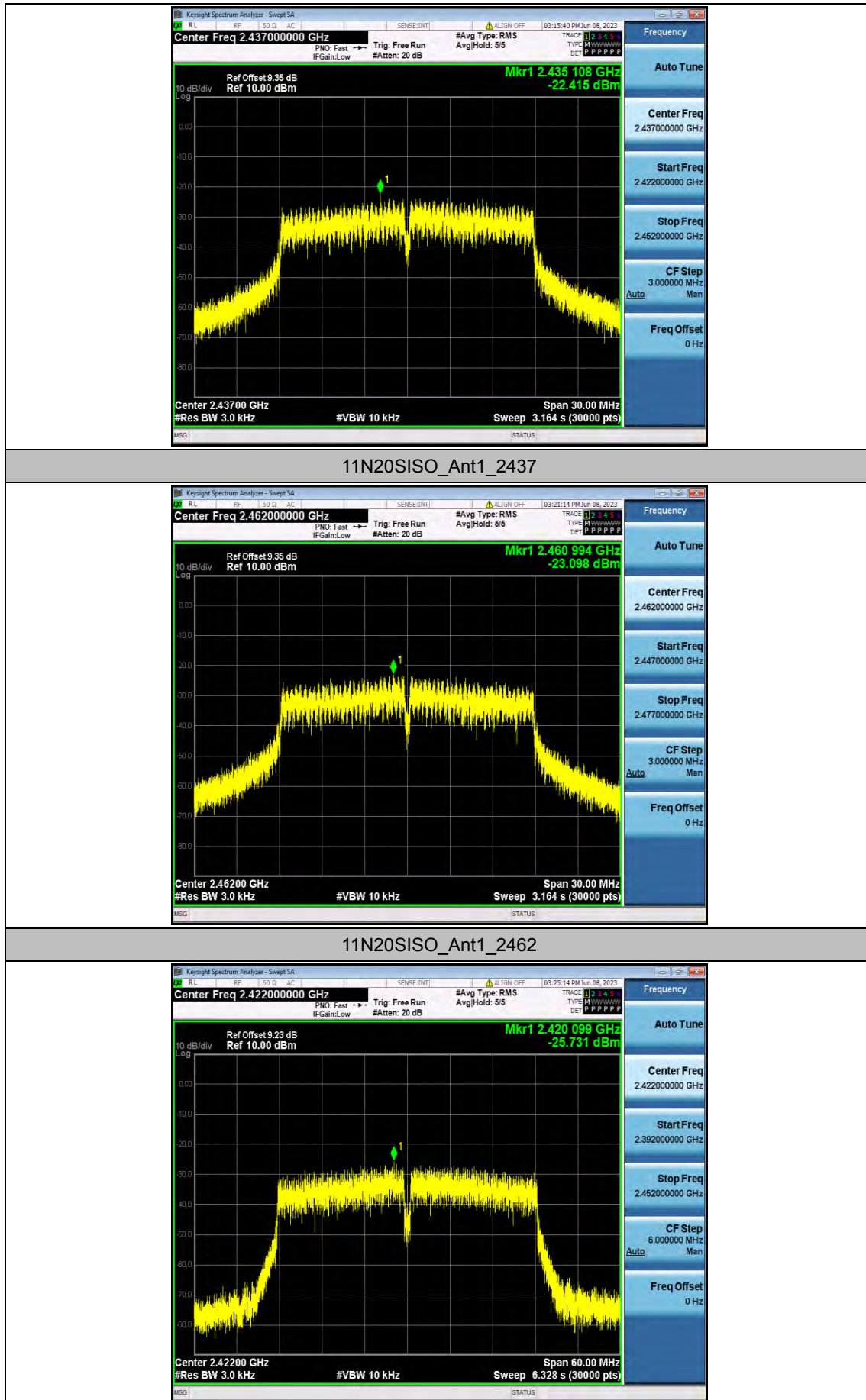
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



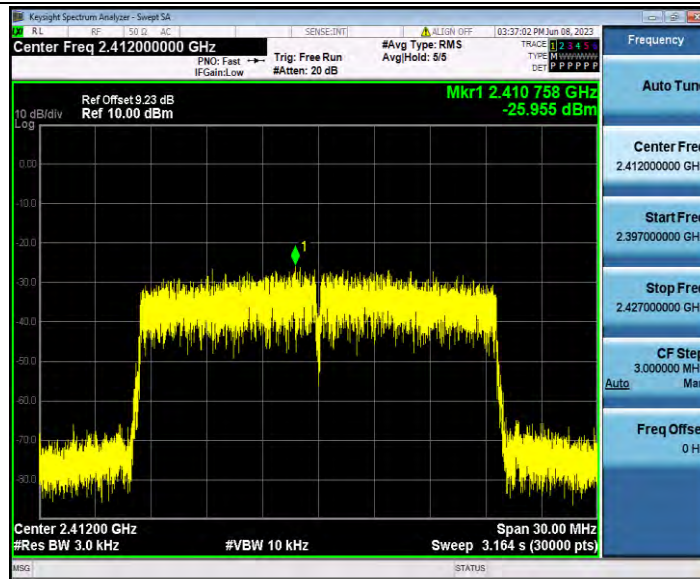
11N40SISO_Ant1_2422



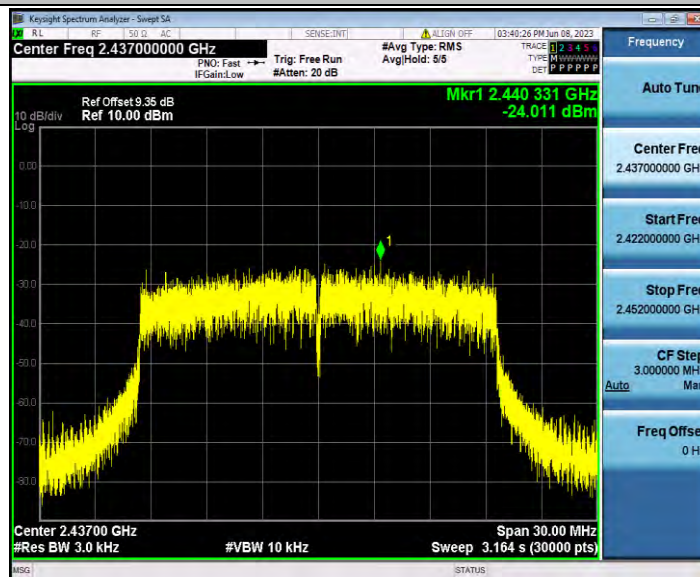
11N40SISO_Ant1_2437



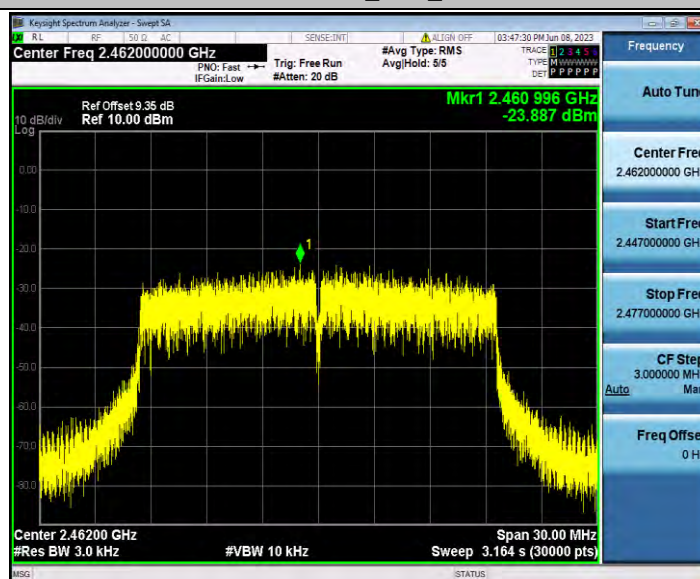
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437

