

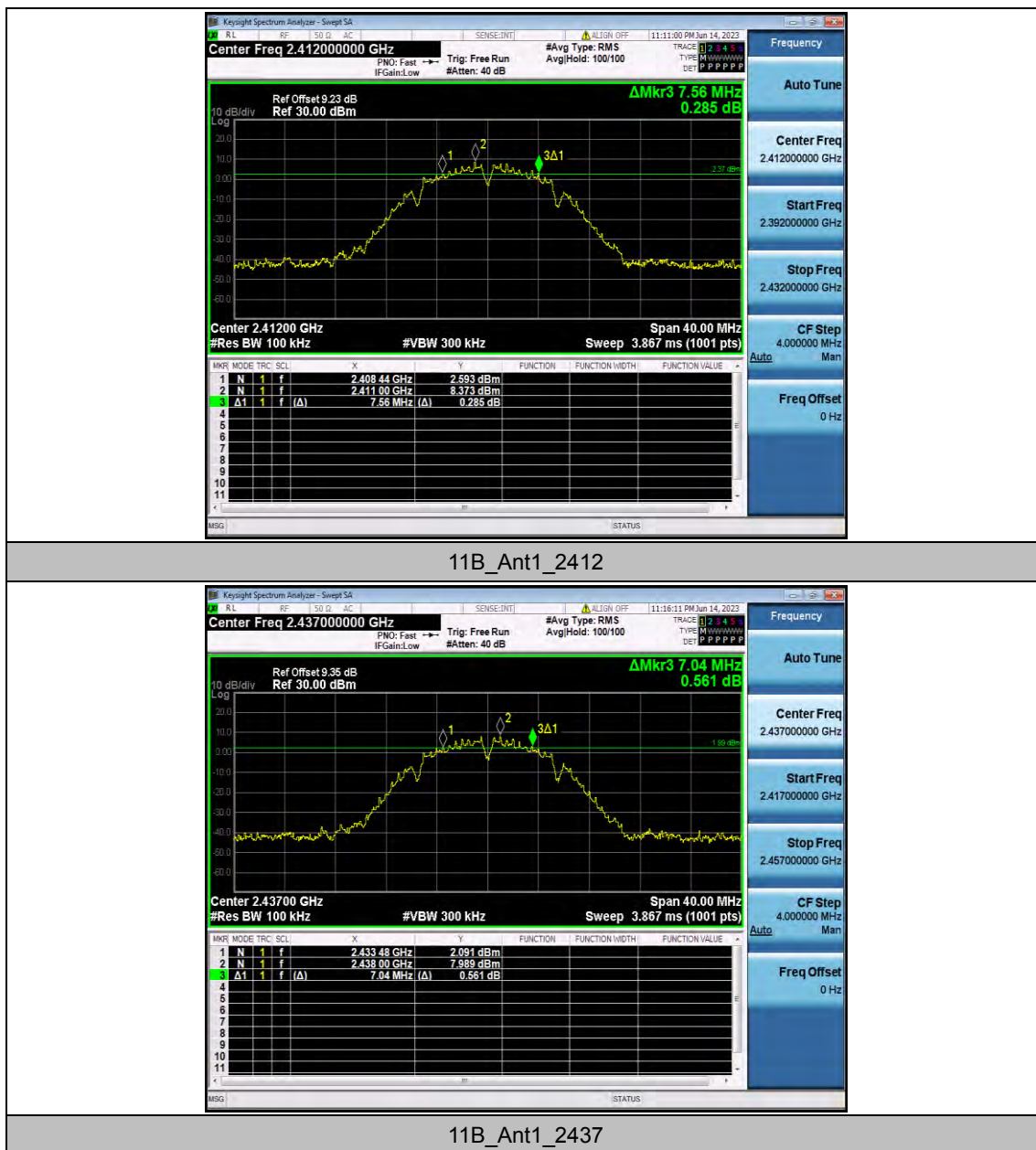
Case No. : <u>GTS20230523010-1-13</u>	
Ambient Condition: <u>23</u> °C, <u>49</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.6.14</u>	Test Engineer: <u>Jenny zeng</u>

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	2408.440	2416.000	0.5	PASS
		2437	7.040	2433.480	2440.520	0.5	PASS
		2462	7.080	2458.440	2465.520	0.5	PASS
11G	Ant1	2412	16.360	2403.800	2420.160	0.5	PASS
		2437	16.360	2428.800	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.320	2403.840	2440.160	0.5	PASS
		2437	36.320	2418.840	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS
11AX20SISO	Ant1	2412	18.880	2402.600	2421.480	0.5	PASS
		2437	18.960	2427.560	2446.520	0.5	PASS
		2462	18.880	2452.520	2471.400	0.5	PASS
11AX40SISO	Ant1	2422	38.080	2402.960	2441.040	0.5	PASS
		2437	37.840	2417.960	2455.800	0.5	PASS
		2452	38.000	2432.960	2470.960	0.5	PASS

Test Graphs





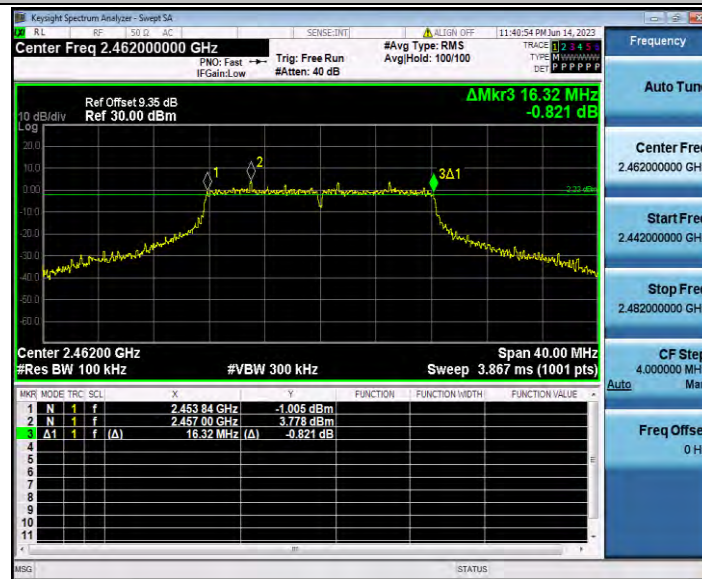
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



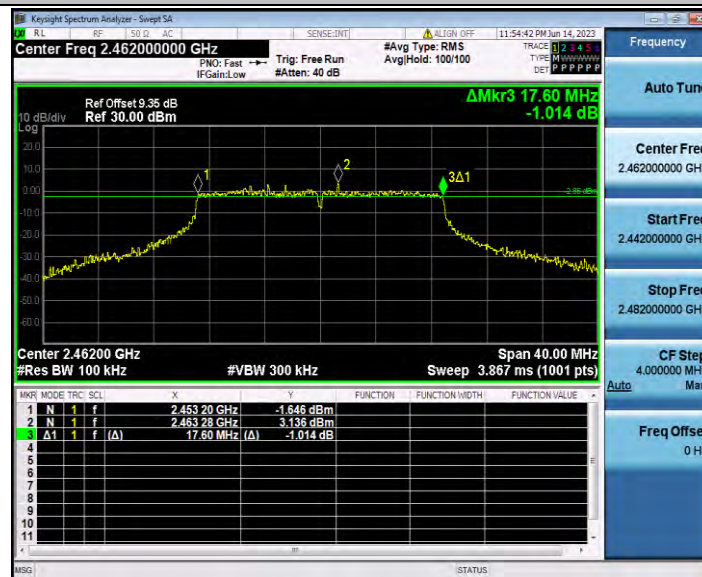
11G_Ant1_2462



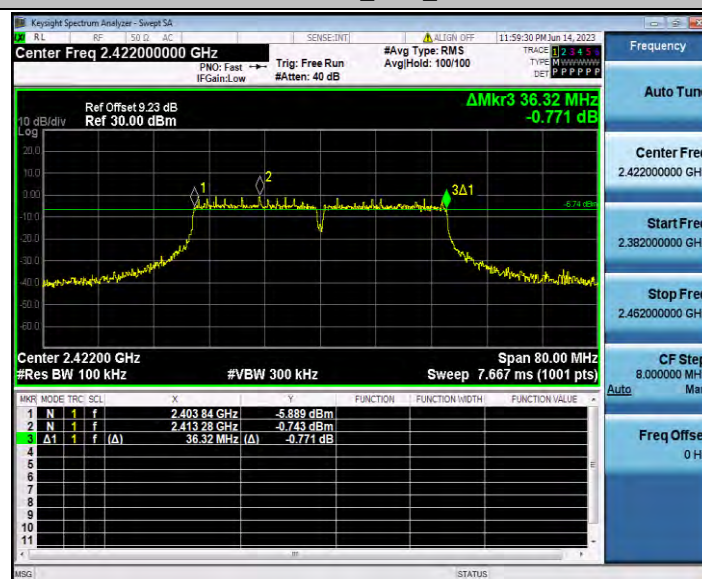
11N20SISO_Ant1_2412



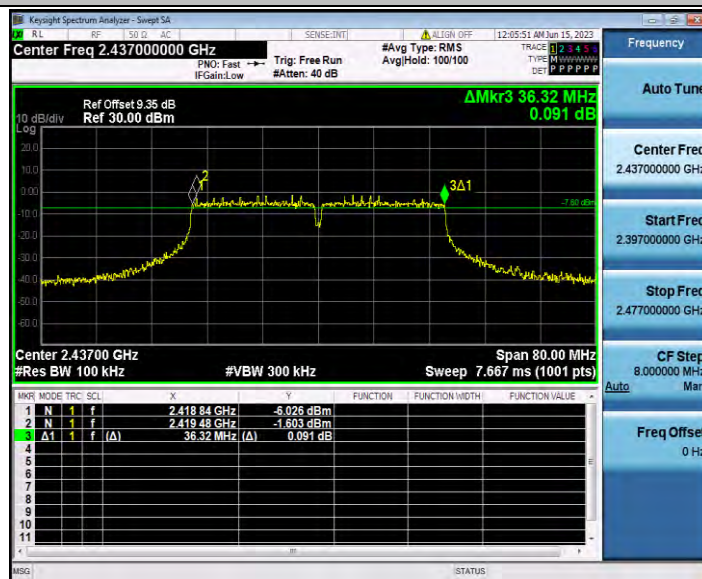
11N20SISO_Ant1_2437



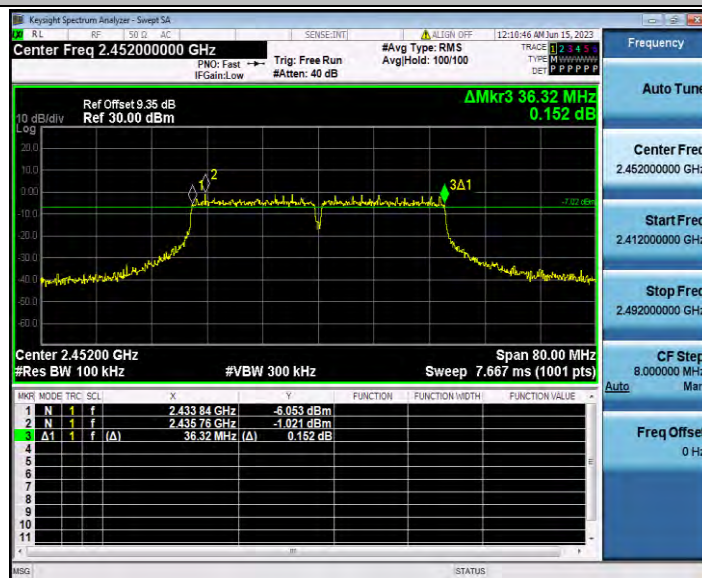
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



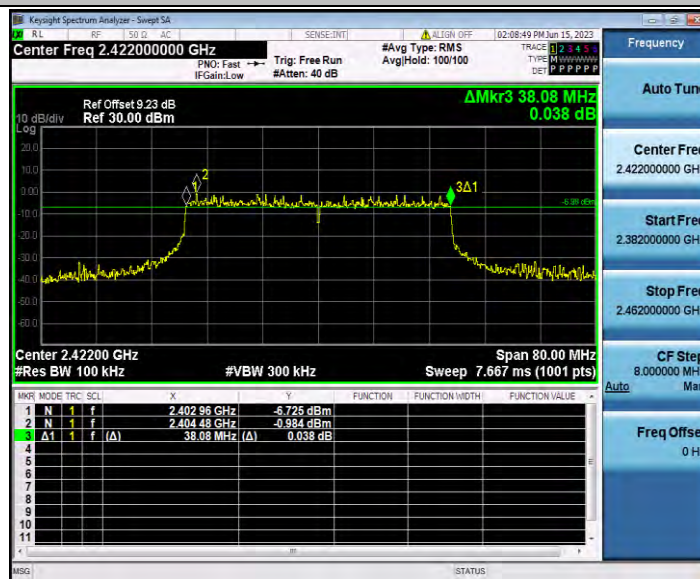
11N40SISO_Ant1_2437



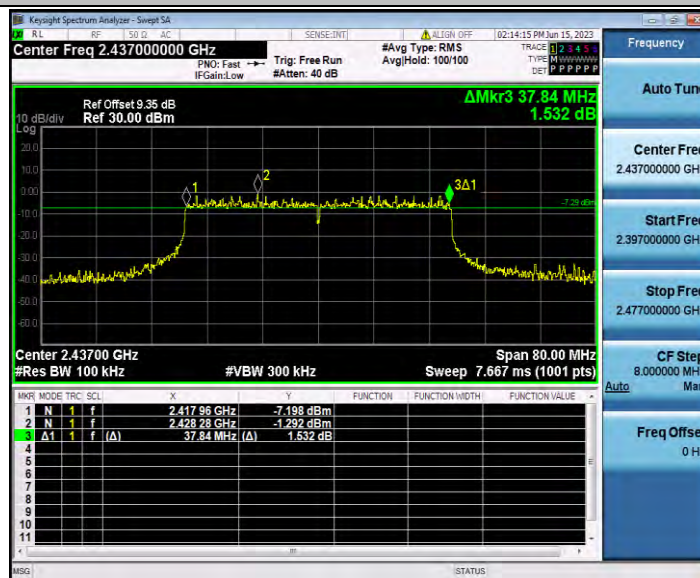
11N40SISO_Ant1_2452



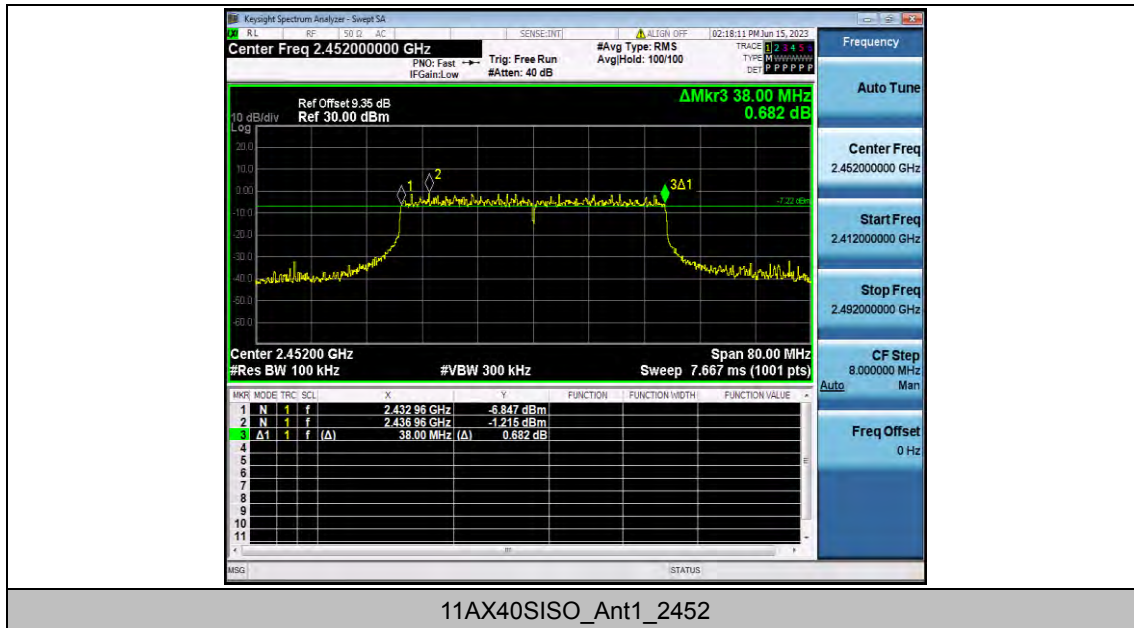
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.2: Occupied Channel Bandwidth

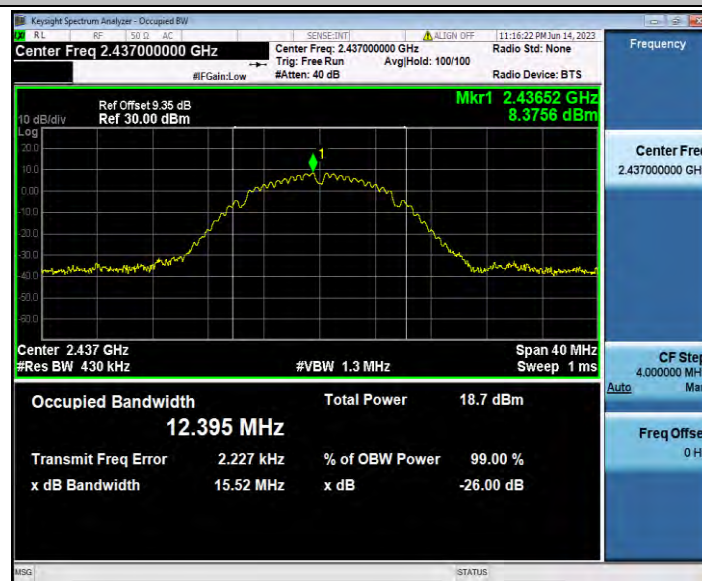
Test Result

Test Mode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.410	2405.752	2418.162	---	---
		2437	12.395	2430.805	2443.200	---	---
		2462	12.369	2455.800	2468.169	---	---
11G	Ant1	2412	17.778	2402.900	2420.678	---	---
		2437	17.765	2428.050	2445.815	---	---
		2462	17.673	2453.039	2470.712	---	---
11N20SISO	Ant1	2412	19.035	2402.405	2421.440	---	---
		2437	19.000	2427.505	2446.505	---	---
		2462	18.878	2452.554	2471.432	---	---
11N40SISO	Ant1	2422	37.284	2403.284	2440.568	---	---
		2437	37.385	2418.263	2455.648	---	---
		2452	37.165	2433.393	2470.558	---	---
11AX20SISO	Ant1	2412	19.599	2402.122	2421.721	---	---
		2437	19.614	2427.238	2446.852	---	---
		2462	19.555	2452.225	2471.780	---	---
11AX40SISO	Ant1	2422	38.255	2402.828	2441.083	---	---
		2437	38.222	2417.904	2456.126	---	---
		2452	38.293	2432.820	2471.113	---	---

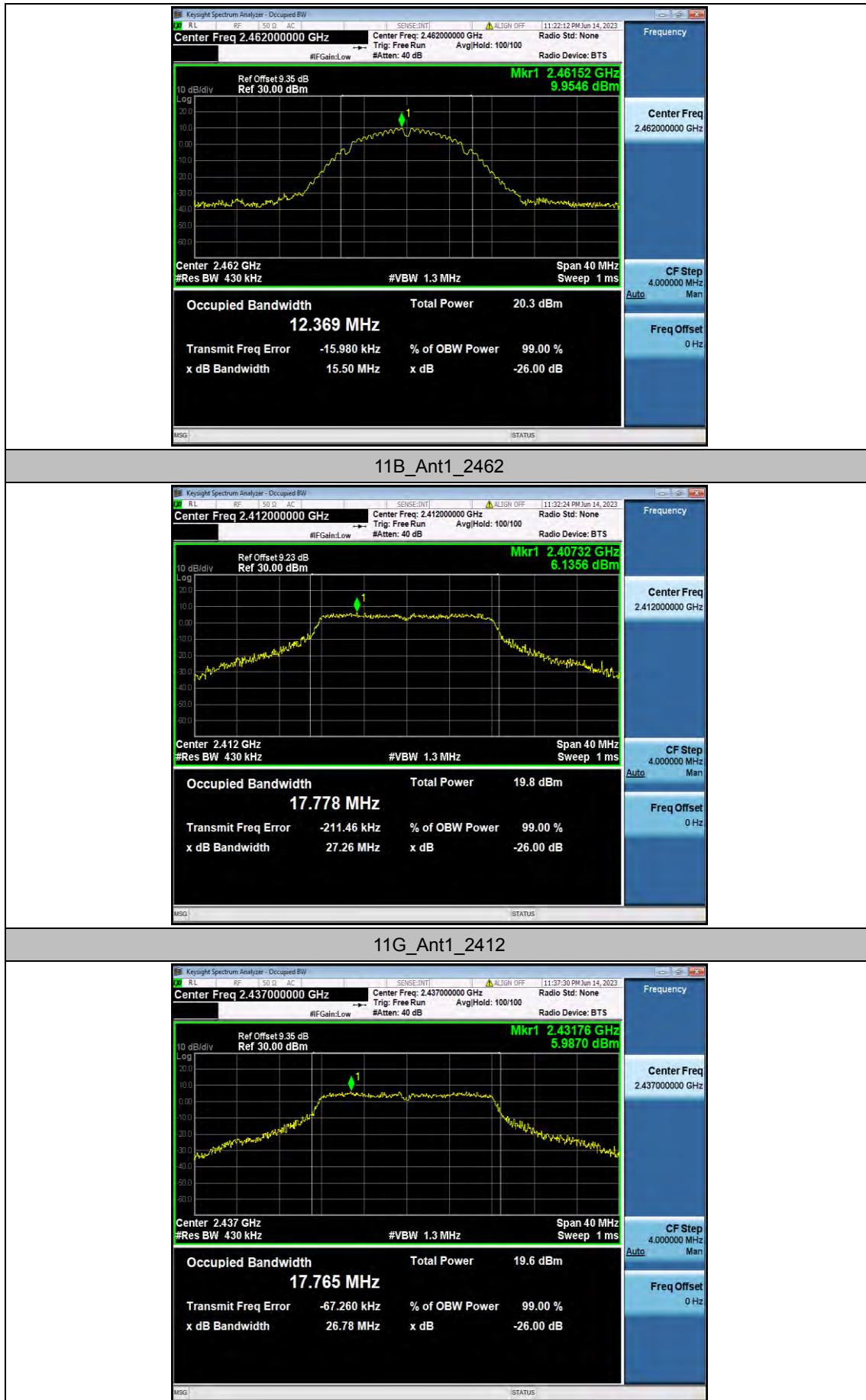
Test Graphs



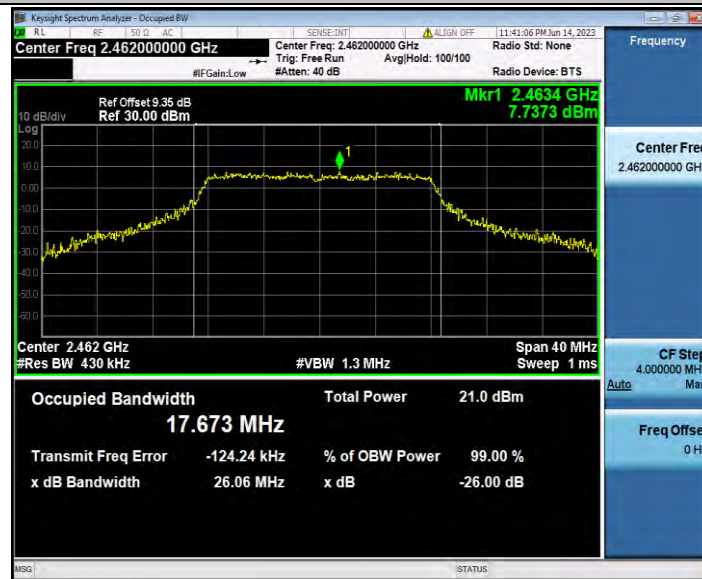
11B_Ant1_2412



11B_Ant1_2437



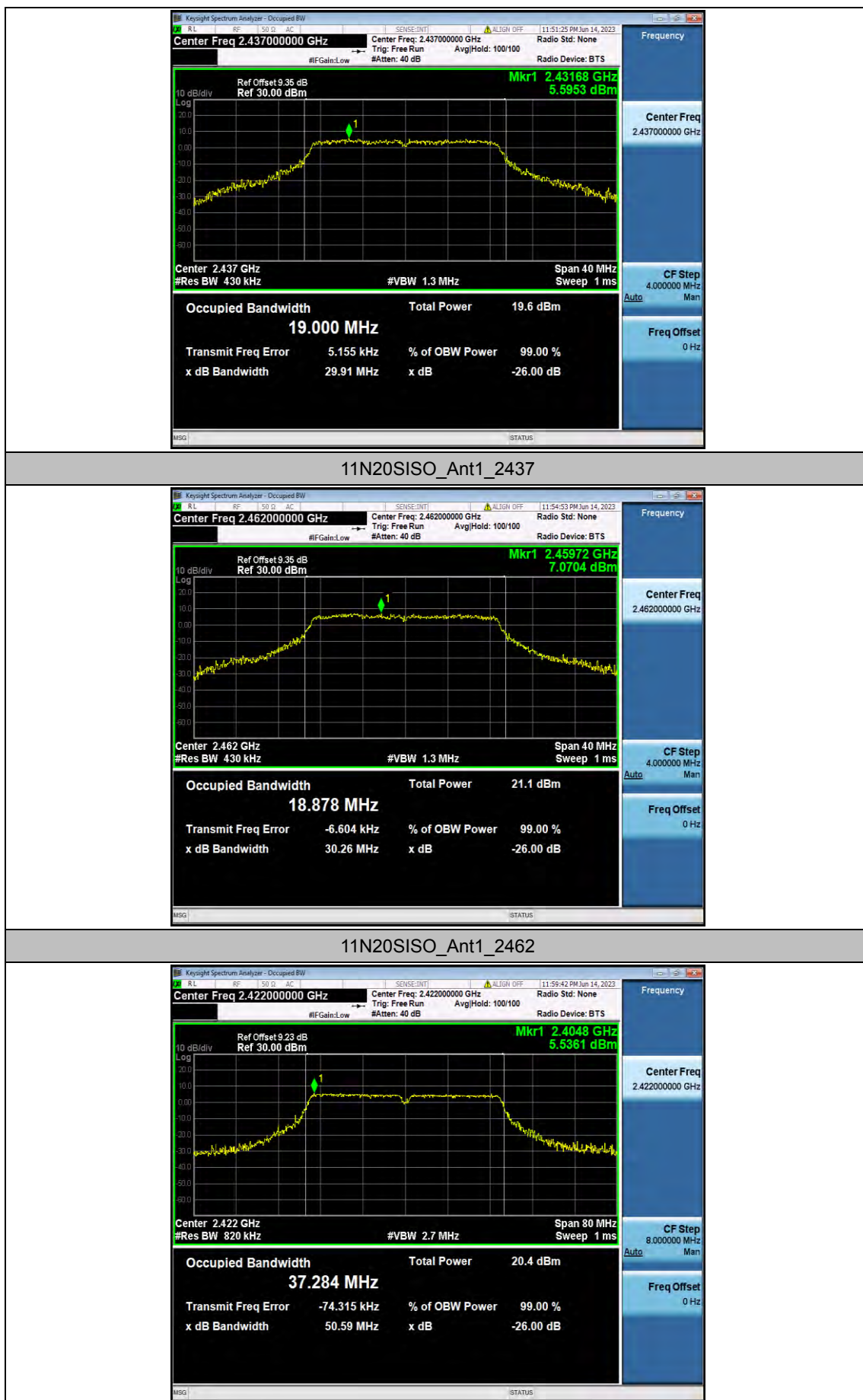
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



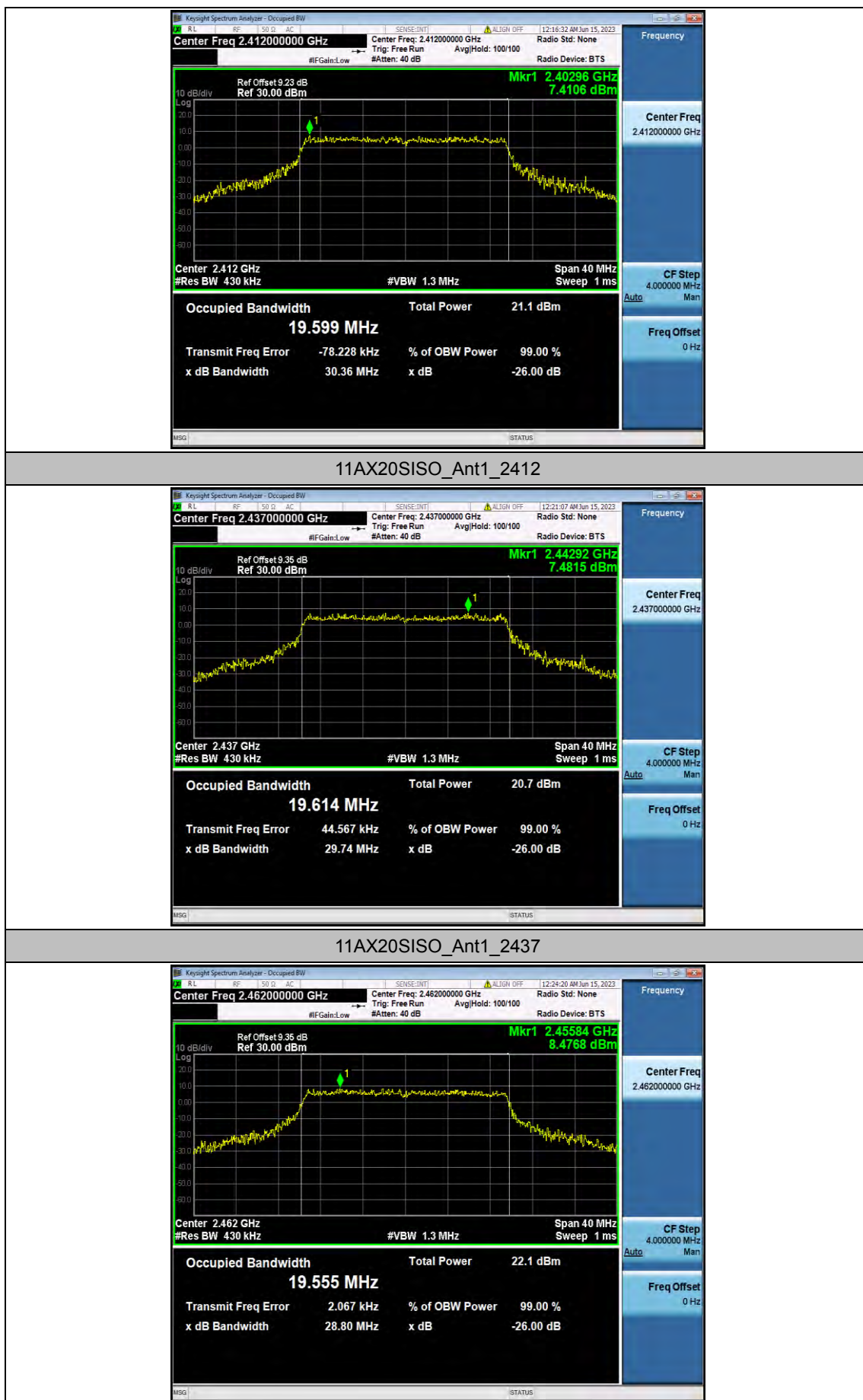
11N40SISO_Ant1_2422



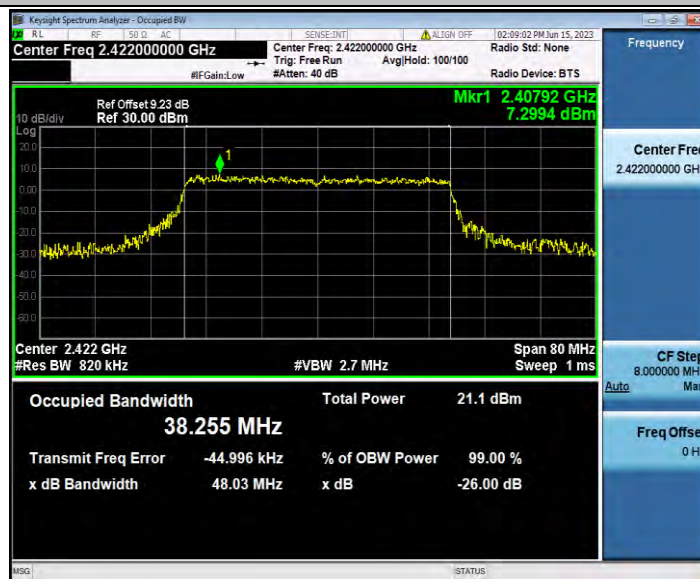
11N40SISO_Ant1_2437



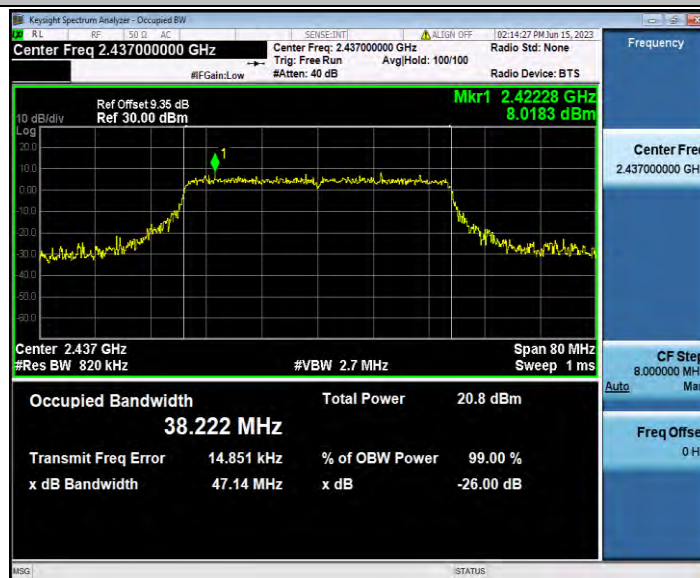
11N40SISO_Ant1_2452



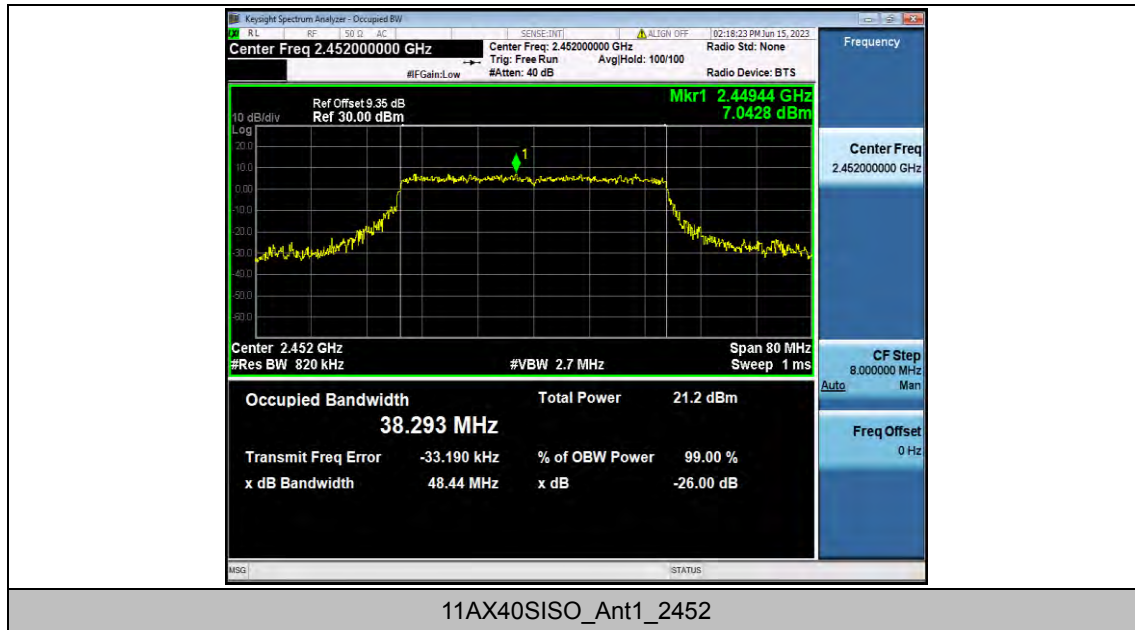
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



Appendix C.3: Maximum conducted output power

Test Result Peak

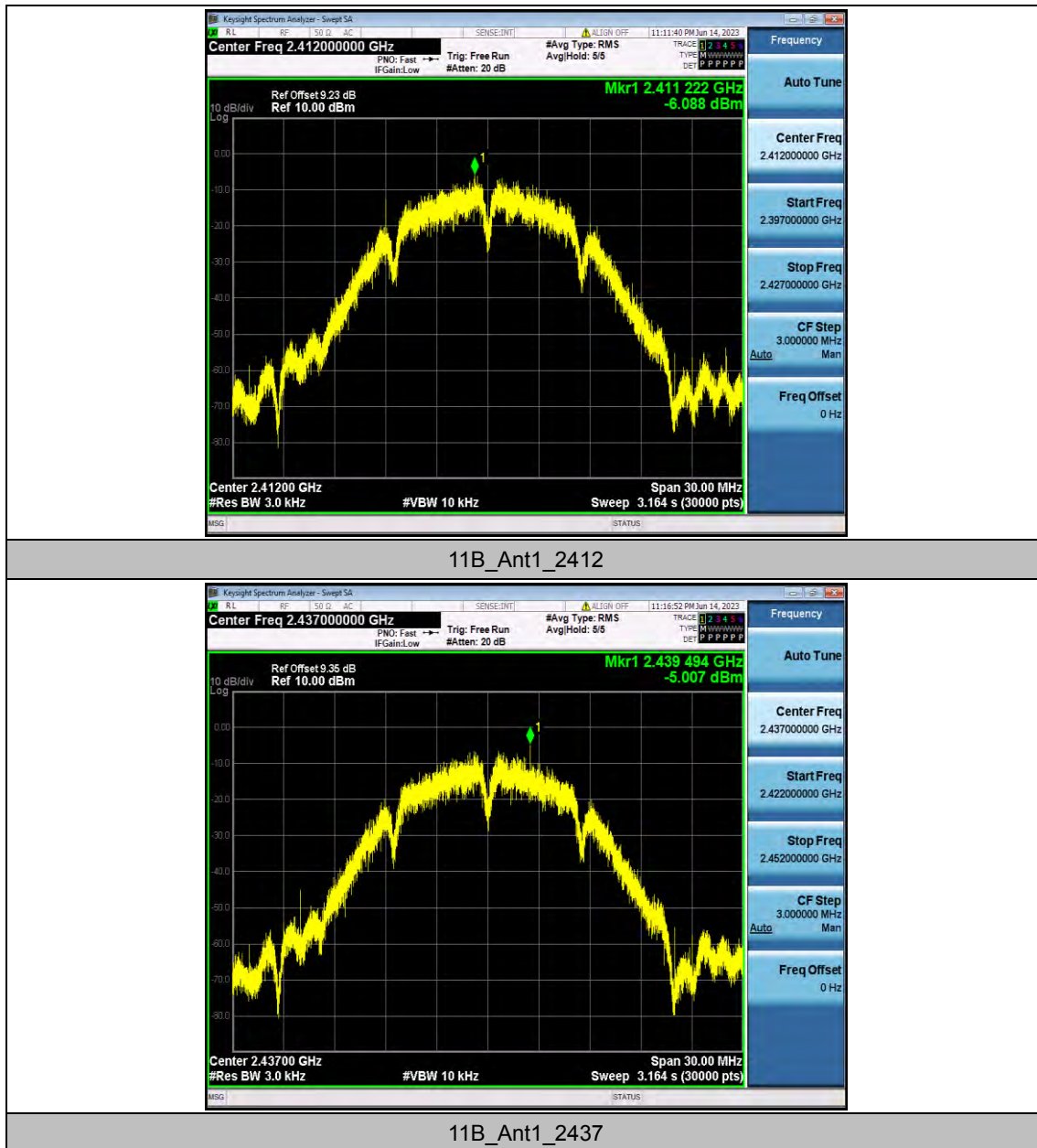
Test Mode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	19.13	≤30.00	PASS
		2437	18.76	≤30.00	PASS
		2462	20.33	≤30.00	PASS
11G	Ant1	2412	21.13	≤30.00	PASS
		2437	20.72	≤30.00	PASS
		2462	22.17	≤30.00	PASS
11N20SISO	Ant1	2412	21.11	≤30.00	PASS
		2437	20.69	≤30.00	PASS
		2462	22.15	≤30.00	PASS
11N40SISO	Ant1	2422	20.71	≤30.00	PASS
		2437	20.64	≤30.00	PASS
		2452	21.06	≤30.00	PASS
11AX20SISO	Ant1	2412	21.72	≤30.00	PASS
		2437	21.34	≤30.00	PASS
		2462	22.68	≤30.00	PASS
11AX40SISO	Ant1	2422	21.17	≤30.00	PASS
		2437	20.88	≤30.00	PASS
		2452	21.26	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

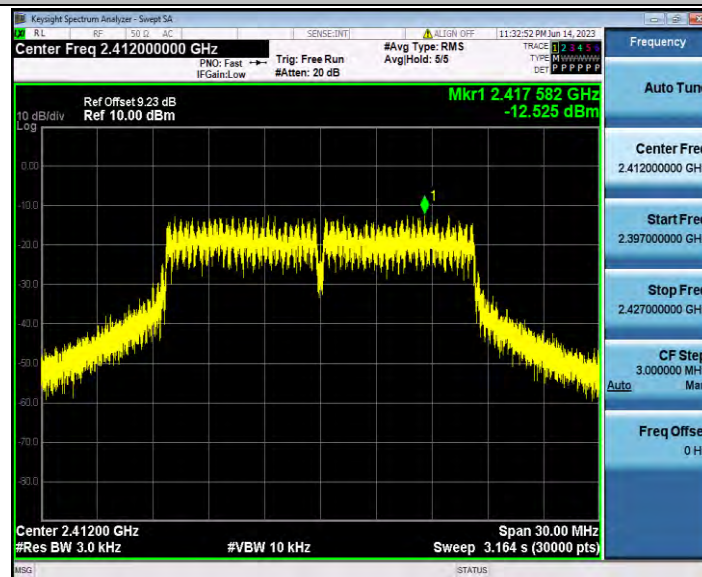
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-6.09	≤8.00	PASS
		2437	-5.01	≤8.00	PASS
		2462	-5.05	≤8.00	PASS
11G	Ant1	2412	-12.53	≤8.00	PASS
		2437	-12.26	≤8.00	PASS
		2462	-10.34	≤8.00	PASS
11N20SISO	Ant1	2412	-11.36	≤8.00	PASS
		2437	-11.66	≤8.00	PASS
		2462	-10.48	≤8.00	PASS
11N40SISO	Ant1	2422	-15.06	≤8.00	PASS
		2437	-15.32	≤8.00	PASS
		2452	-13.44	≤8.00	PASS
11AX20SISO	Ant1	2412	-11.59	≤8.00	PASS
		2437	-13.56	≤8.00	PASS
		2462	-10.58	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.8	≤8.00	PASS
		2437	-14.85	≤8.00	PASS
		2452	-15.63	≤8.00	PASS

Test Graphs

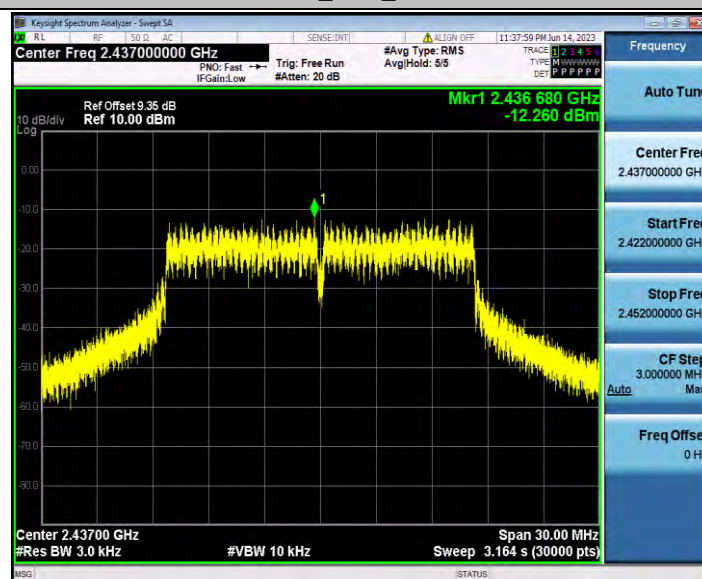




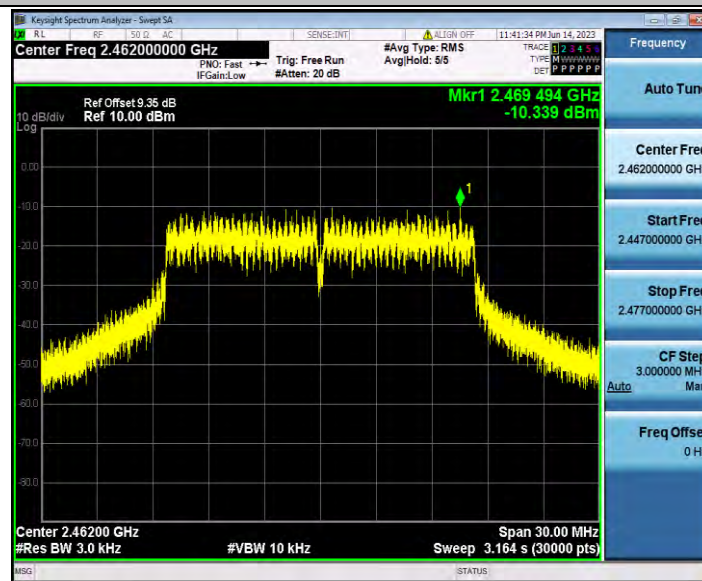
11B_Ant1_2462



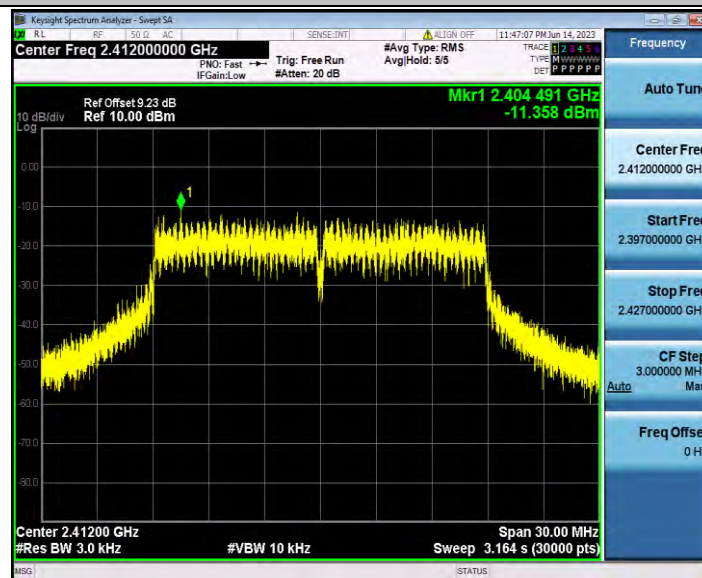
11G_Ant1_2412



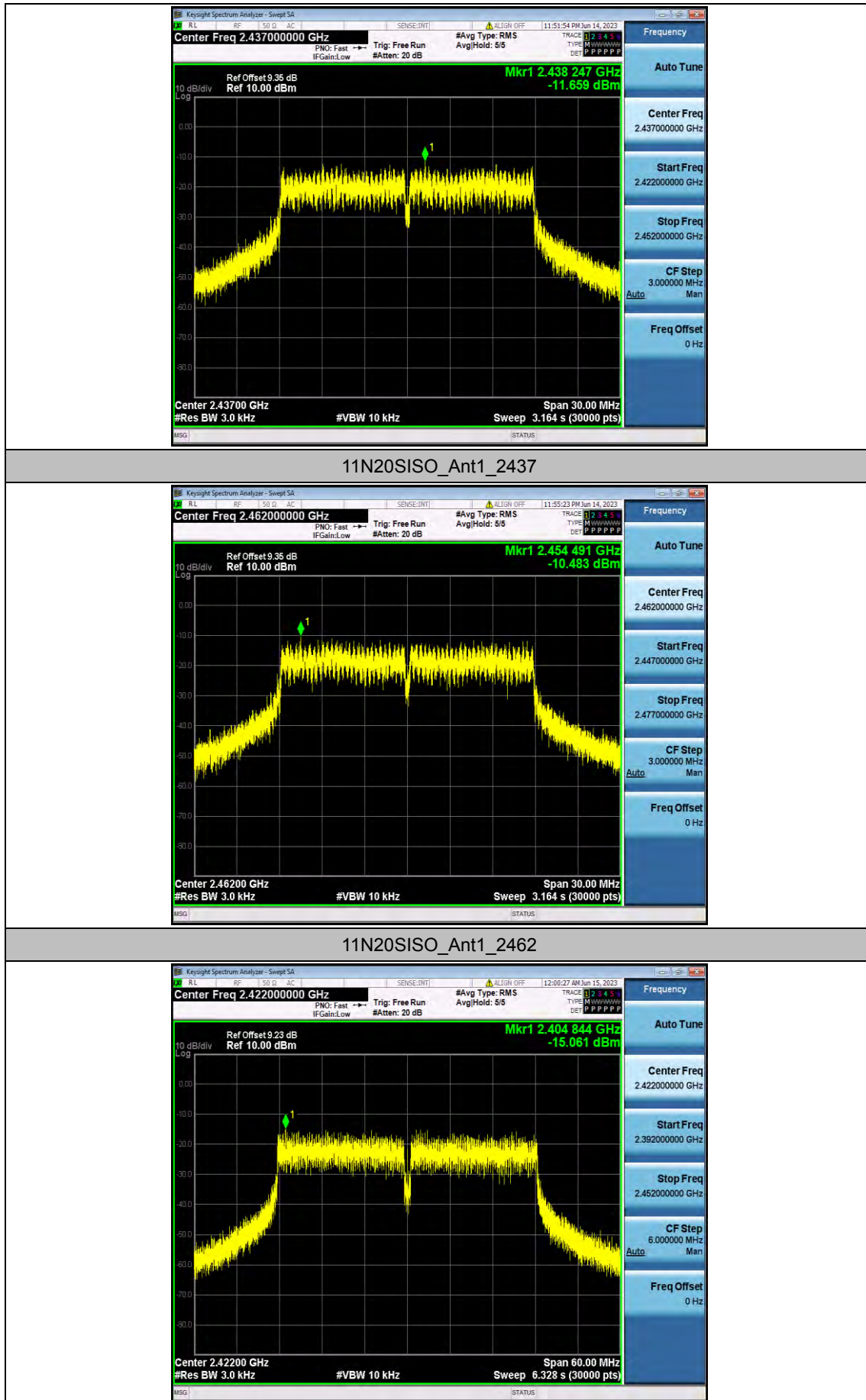
11G_Ant1_2437



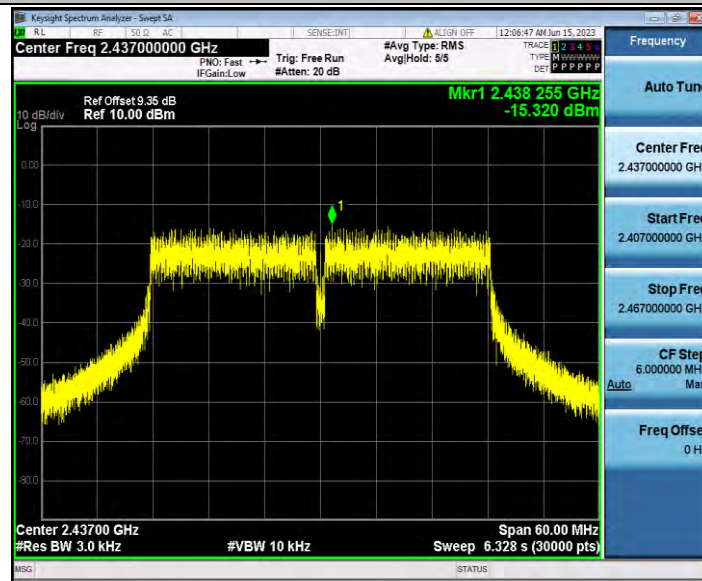
11G_Ant1_2462



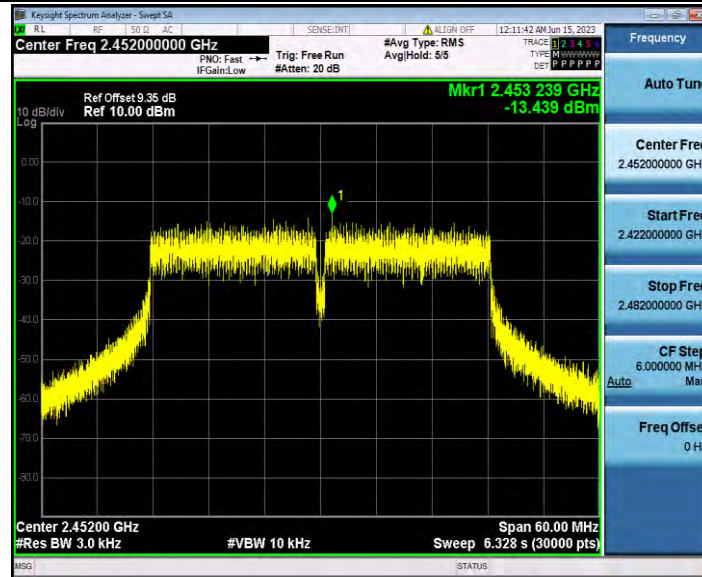
11N20SISO_Ant1_2412



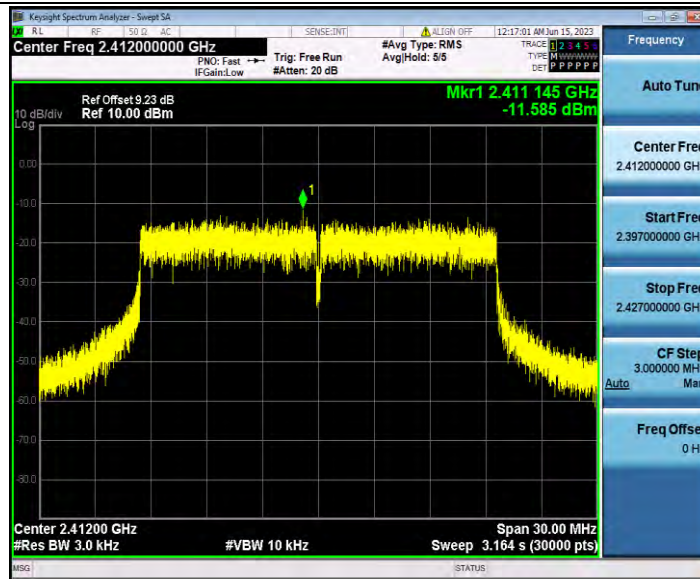
11N40SISO_Ant1_2422



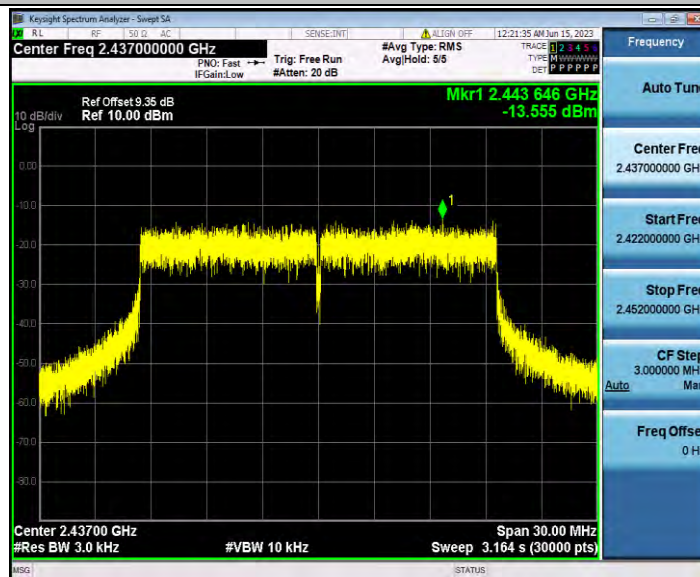
11N40SISO_Ant1_2437



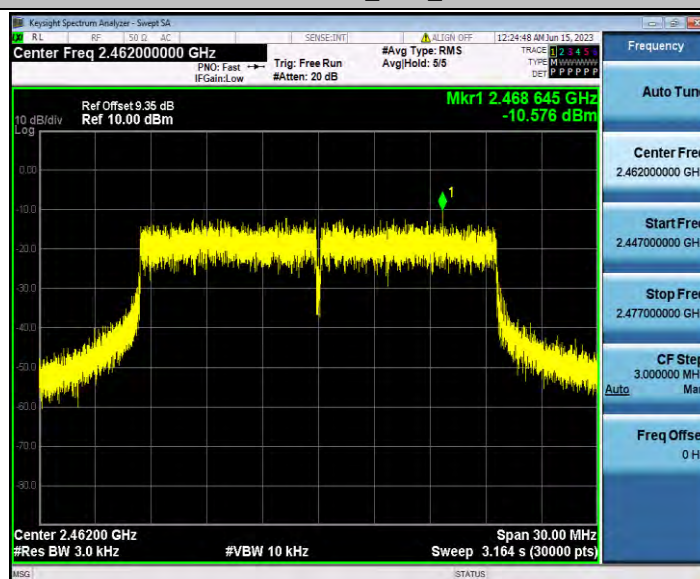
11N40SISO_Ant1_2452



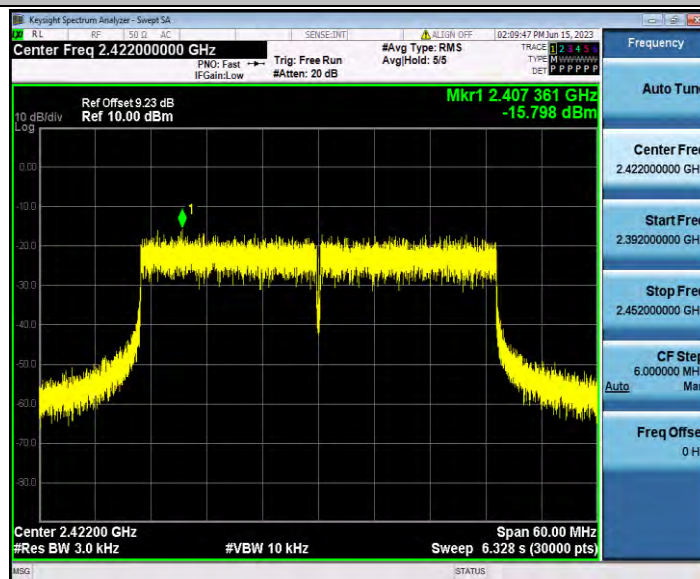
11AX20SISO_Ant1_2412



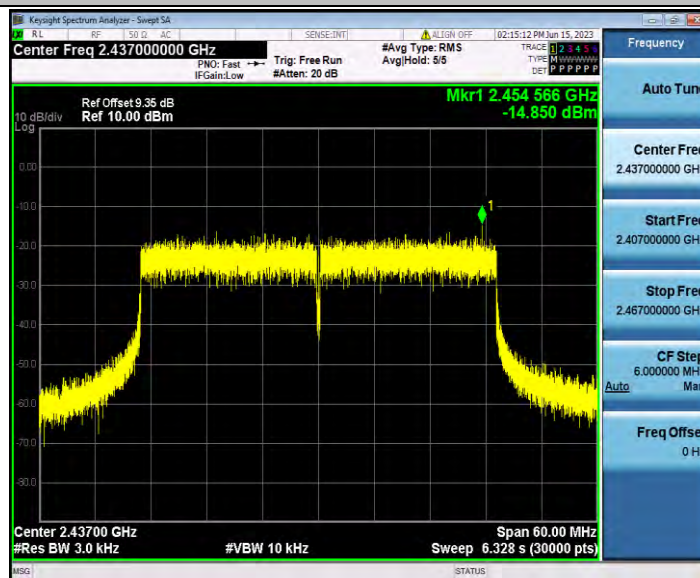
11AX20SISO_Ant1_2437



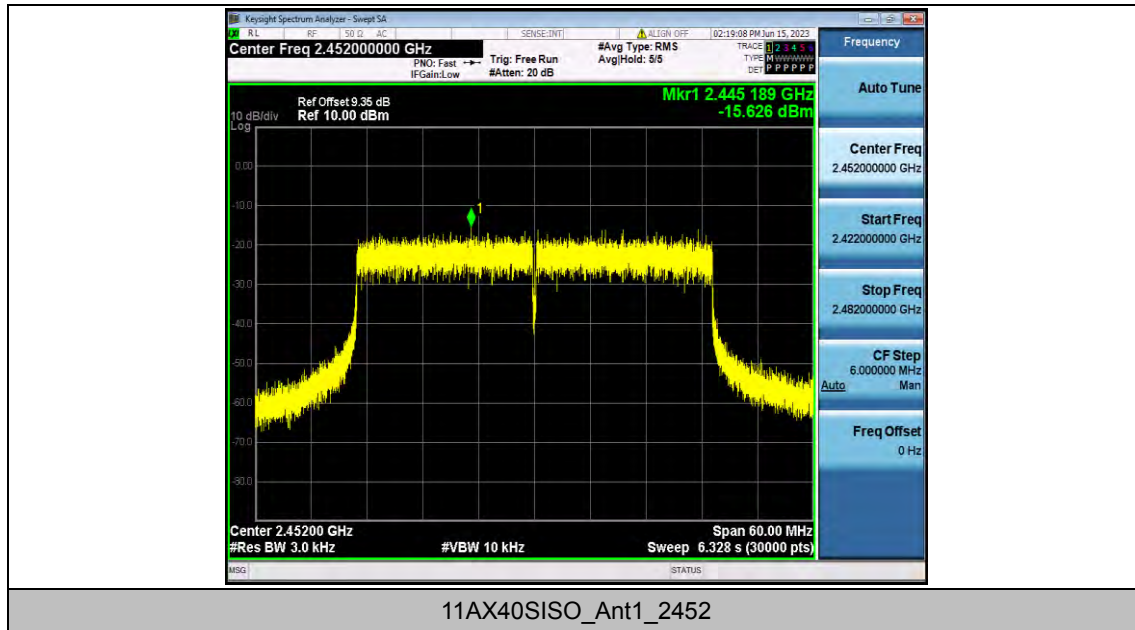
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437

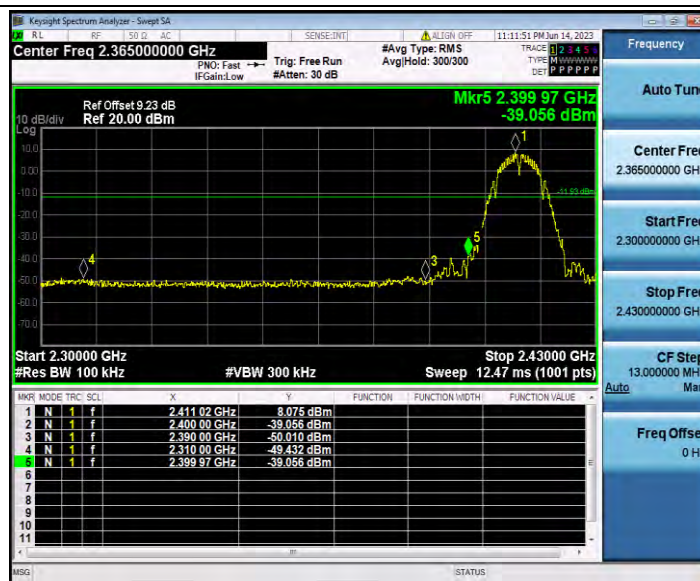


Appendix C.5: Band edge measurements

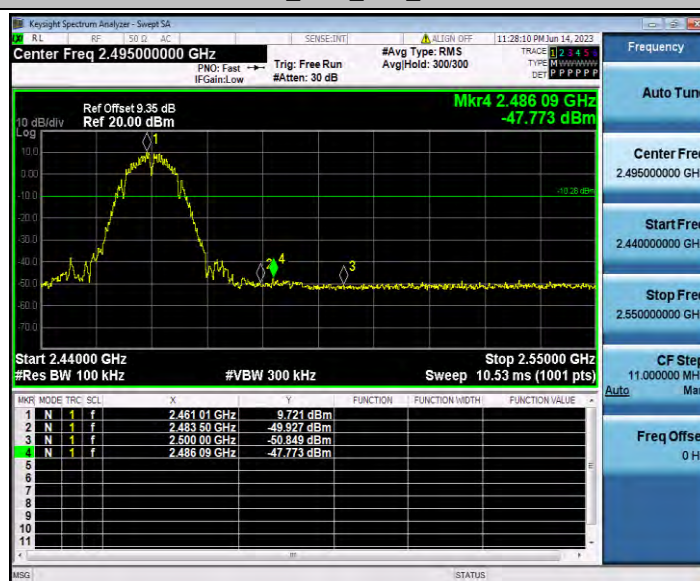
Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	8.08	-39.06	≤ -11.93	PASS
		High	2462	9.72	-47.77	≤ -10.28	PASS
11G	Ant1	Low	2412	2.32	-26.34	≤ -17.68	PASS
		High	2462	3.71	-38.45	≤ -16.29	PASS
11N20SISO	Ant1	Low	2412	2.34	-24.56	≤ -17.66	PASS
		High	2462	3.54	-34.59	≤ -16.46	PASS
11N40SISO	Ant1	Low	2422	-0.73	-27.16	≤ -20.73	PASS
		High	2452	-0.44	-36.03	≤ -20.44	PASS
11AX20SISO	Ant1	Low	2412	2.82	-24.83	≤ -17.18	PASS
		High	2462	3.61	-34.2	≤ -16.39	PASS
11AX40SISO	Ant1	Low	2422	-0.95	-29.73	≤ -20.95	PASS
		High	2452	-0.89	-32.2	≤ -20.89	PASS

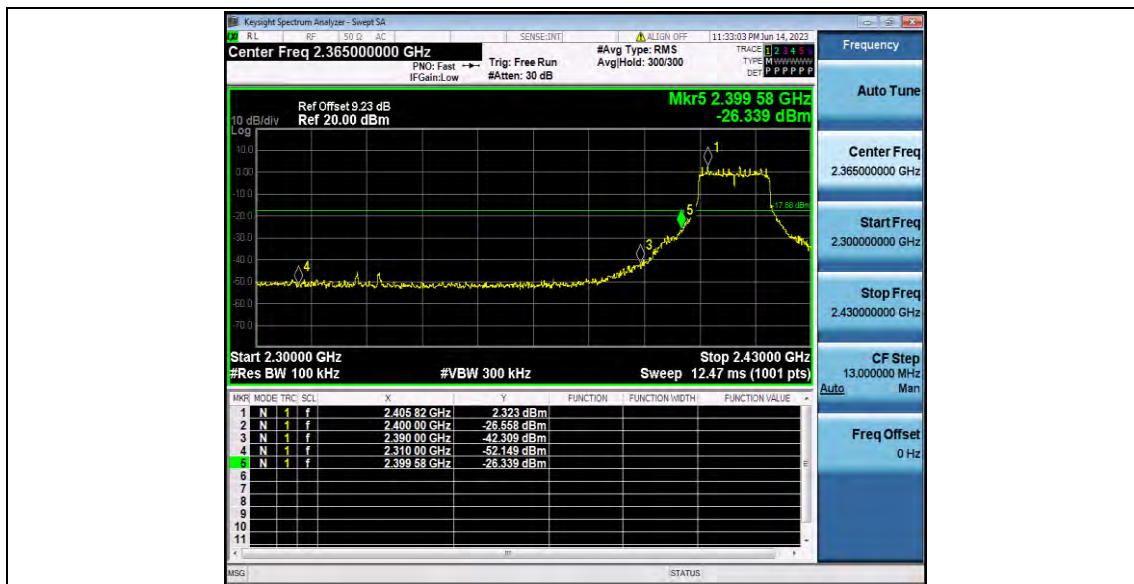
Test Graphs



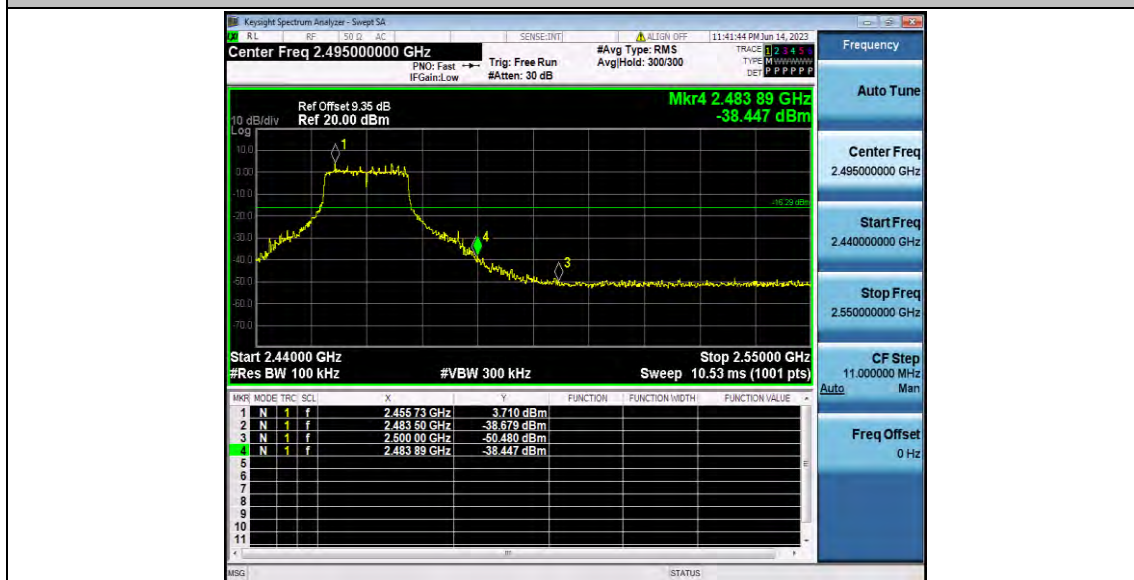
11B_Ant1_Low_2412



11B_Ant1_High_2462



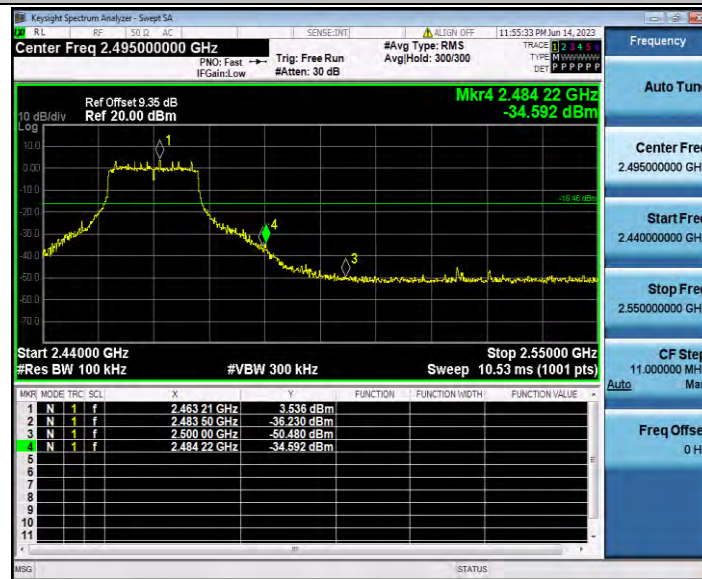
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422

11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422



11AX40SISO_Ant1_High_2452