

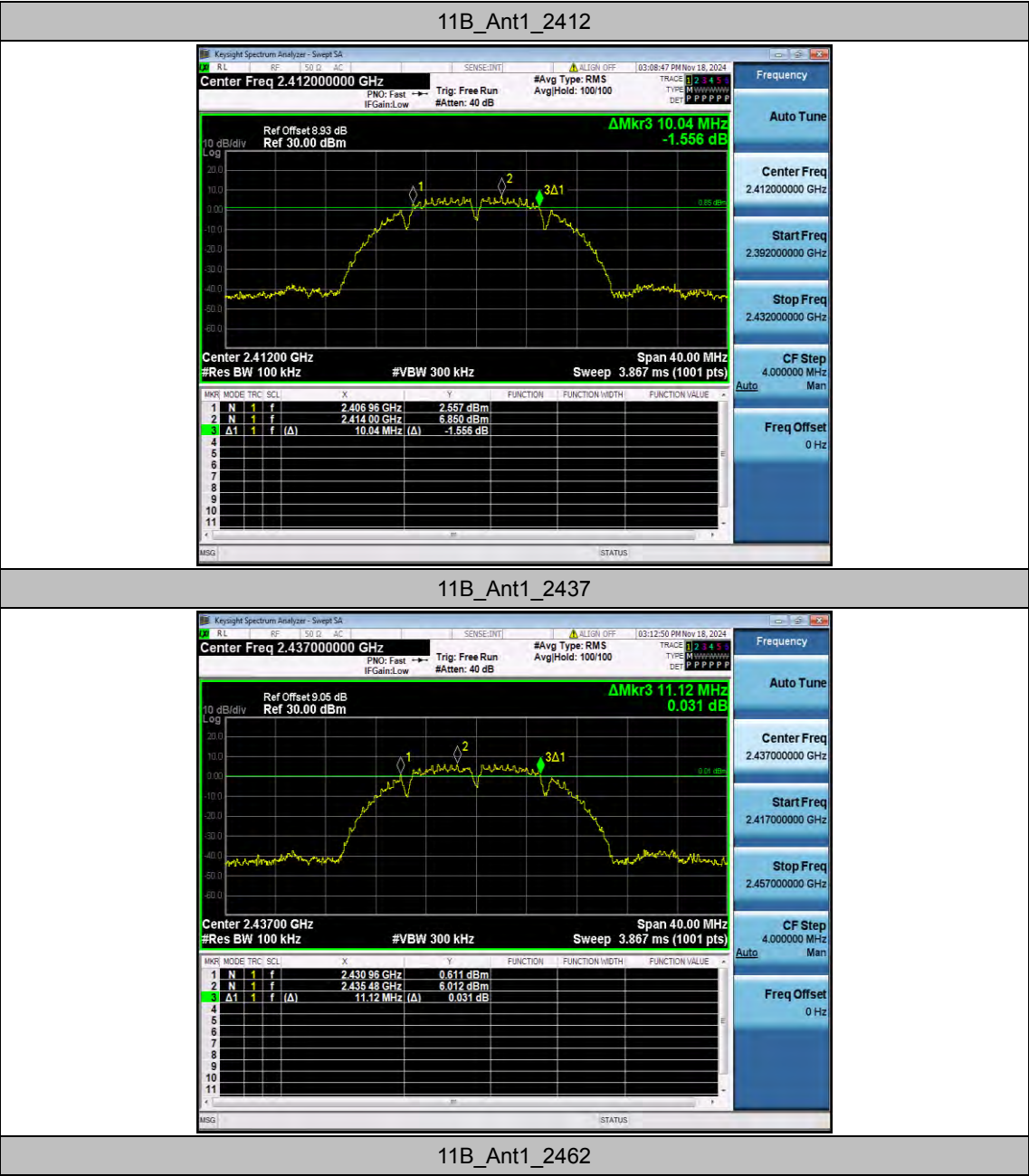
Case No. : <u>GTS20241014025-3-03</u>	
Ambient Condition: <u>23</u> °C, <u>52</u> %RH, According Standard: ■Part15C	
Test Date: <u>2024.11.15</u>	Test Engineer: <u>Evan ouyang</u>

Appendix C.1: DTS Bandwidth

Test Result

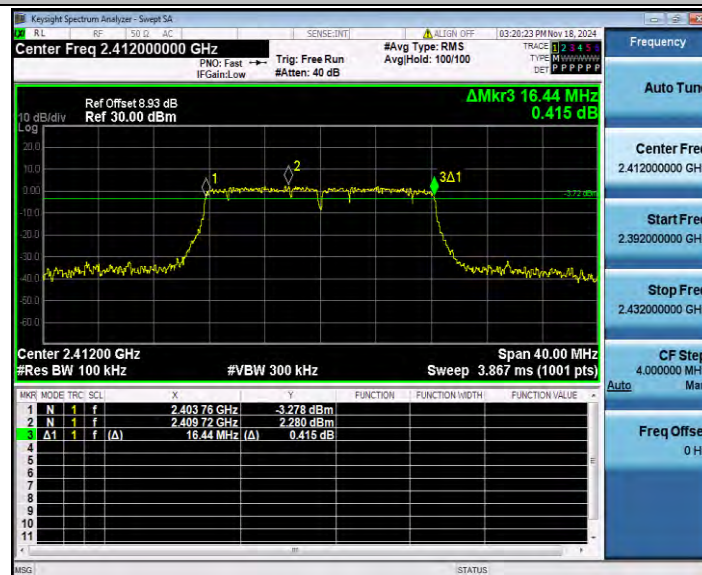
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	11.120	2430.960	2442.080	0.5	PASS
		2462	11.040	2455.960	2467.000	0.5	PASS
11G	Ant1	2412	16.440	2403.760	2420.200	0.5	PASS
		2437	16.440	2428.800	2445.240	0.5	PASS
		2462	16.480	2453.760	2470.240	0.5	PASS
11N20SISO	Ant1	2412	17.640	2403.160	2420.800	0.5	PASS
		2437	17.680	2428.160	2445.840	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS
11N40SISO	Ant1	2422	36.480	2403.760	2440.240	0.5	PASS
		2437	36.480	2418.760	2455.240	0.5	PASS
		2452	36.480	2433.760	2470.240	0.5	PASS
11AX20SISO	Ant1	2412	19.000	2402.480	2421.480	0.5	PASS
		2437	19.000	2427.520	2446.520	0.5	PASS
		2462	18.960	2452.520	2471.480	0.5	PASS
11AX40SISO	Ant1	2422	38.240	2402.880	2441.120	0.5	PASS
		2437	38.160	2417.960	2456.120	0.5	PASS
		2452	38.160	2432.880	2471.040	0.5	PASS

Test Graphs

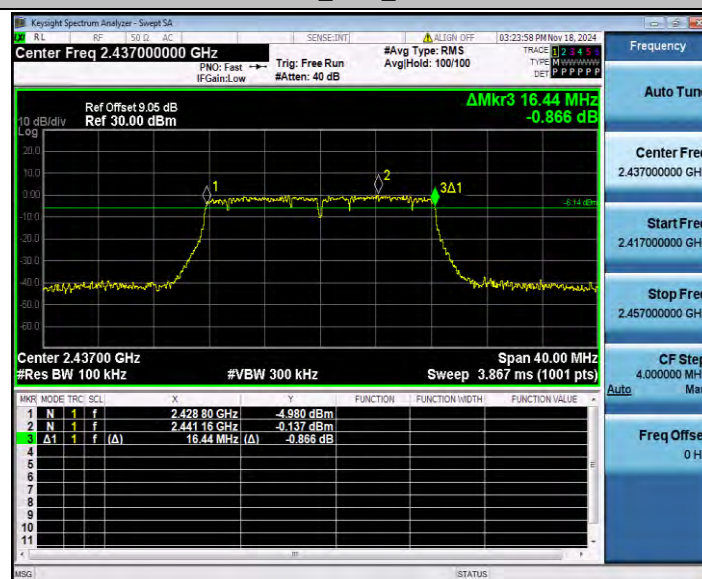




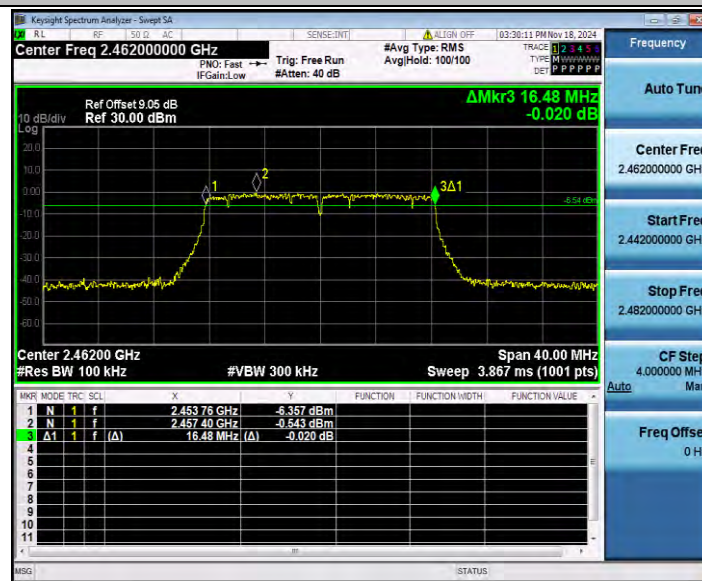
11G_Ant1_2412



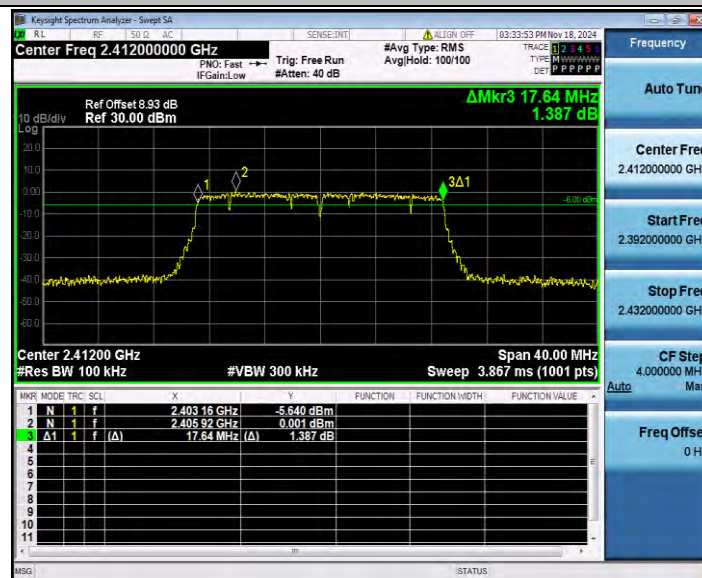
11G_Ant1_2437



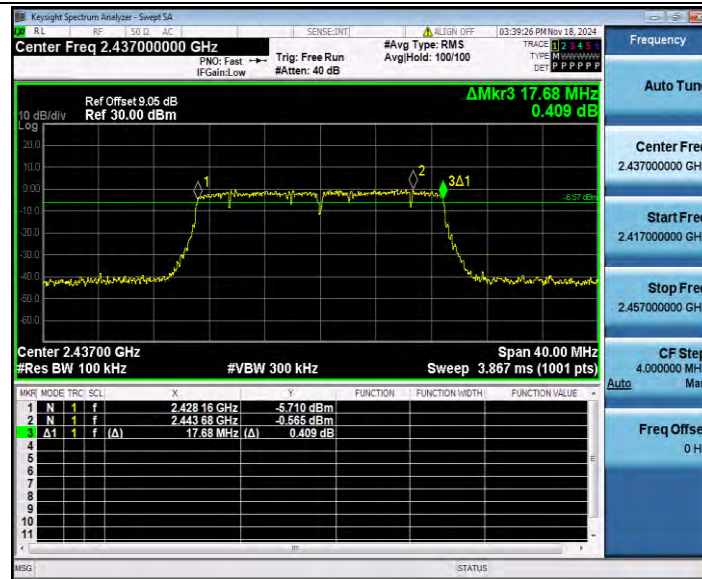
11G_Ant1_2462



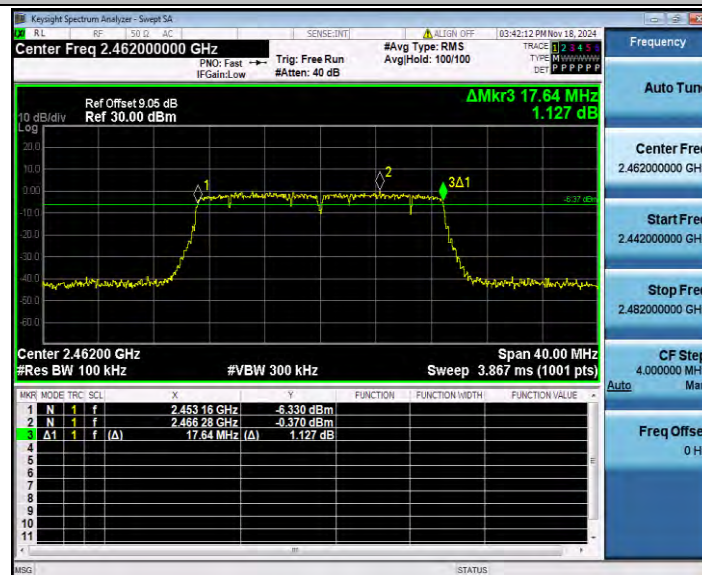
11N20SISO_Ant1_2412



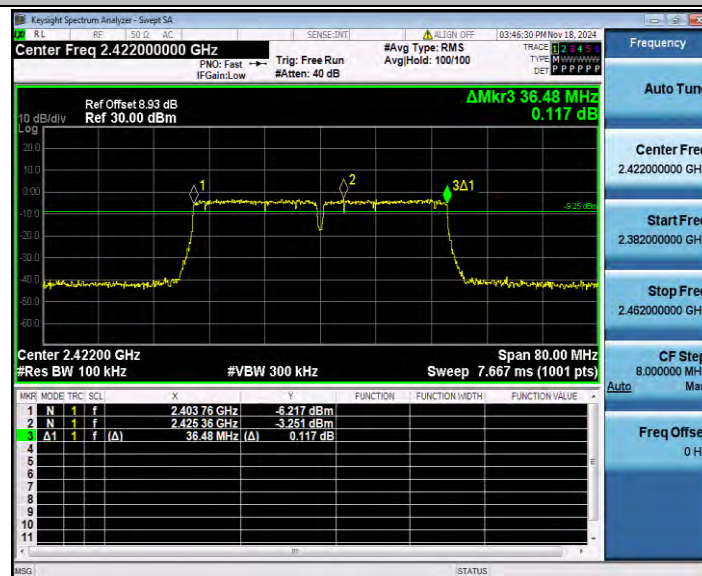
11N20SISO_Ant1_2437



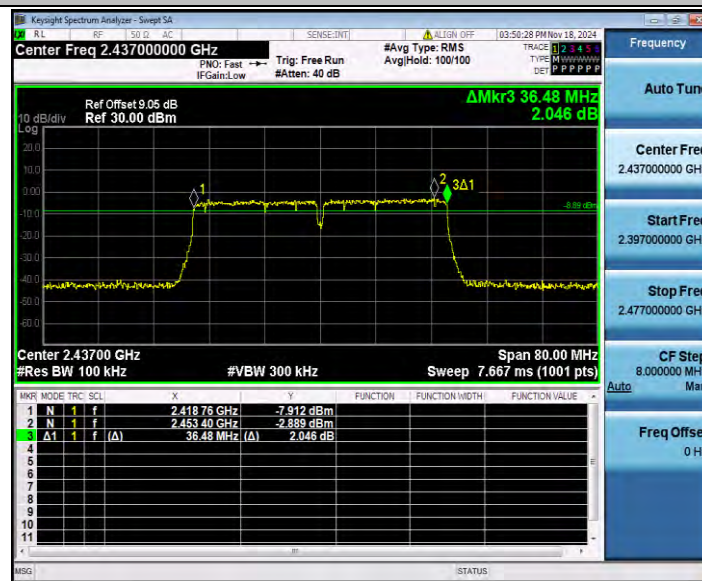
11N20SISO_Ant1_2462



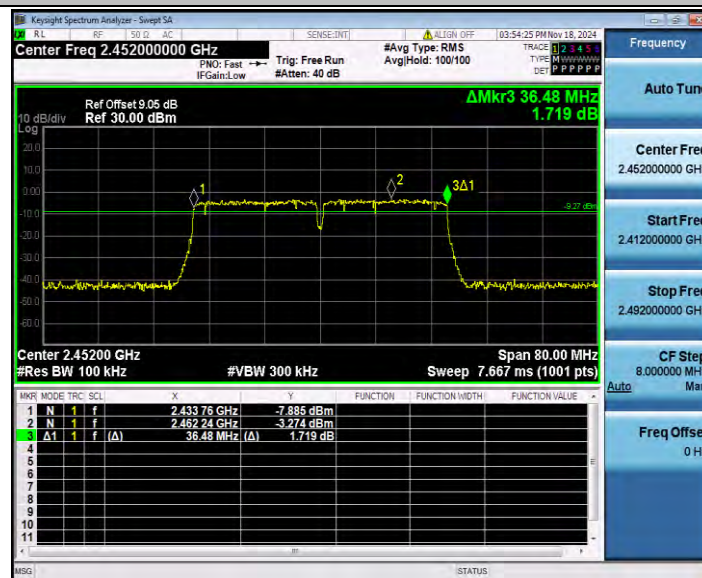
11N40SISO_Ant1_2422



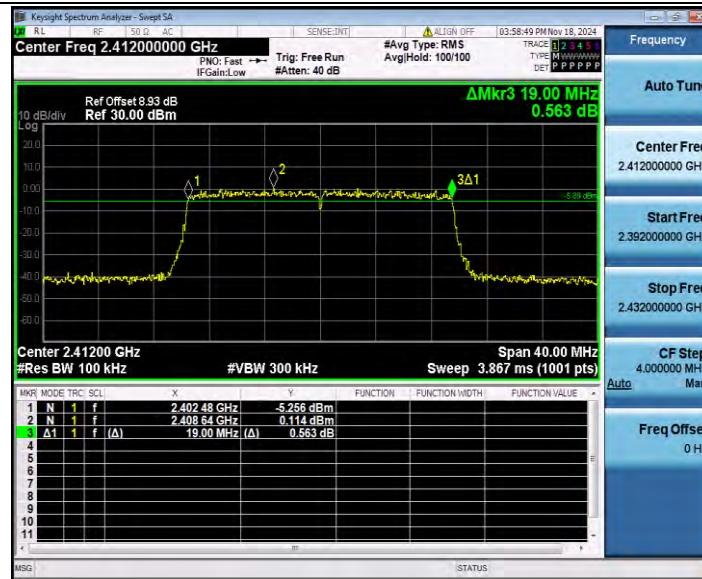
11N40SISO_Ant1_2437



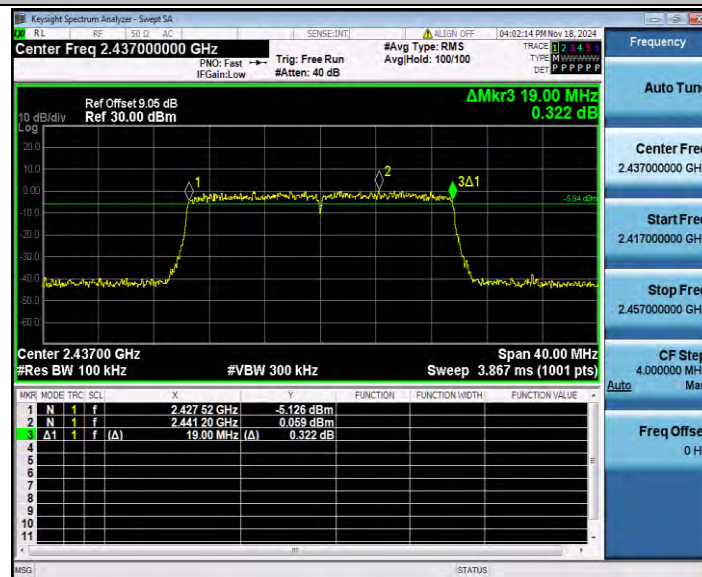
11N40SISO_Ant1_2452



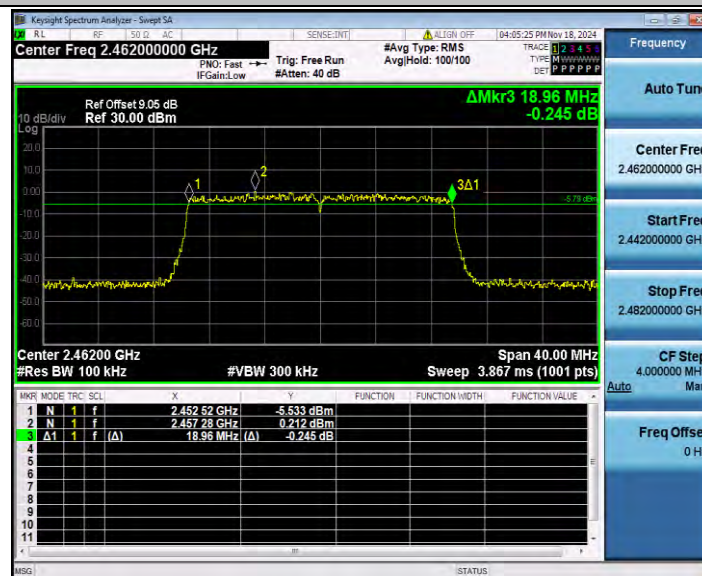
11AX20SISO_Ant1_2412



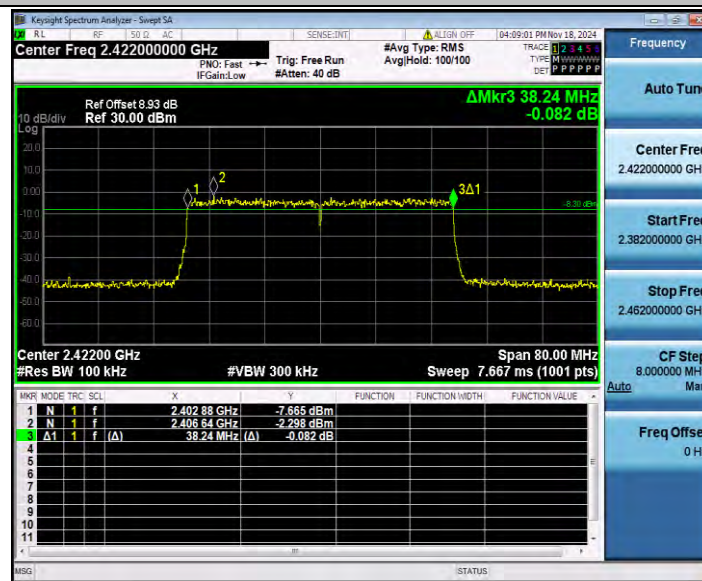
11AX20SISO_Ant1_2437



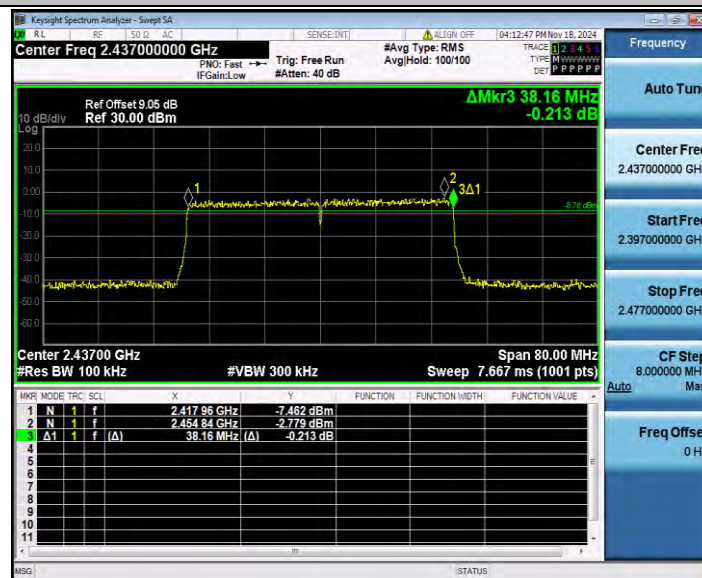
11AX20SISO_Ant1_2462



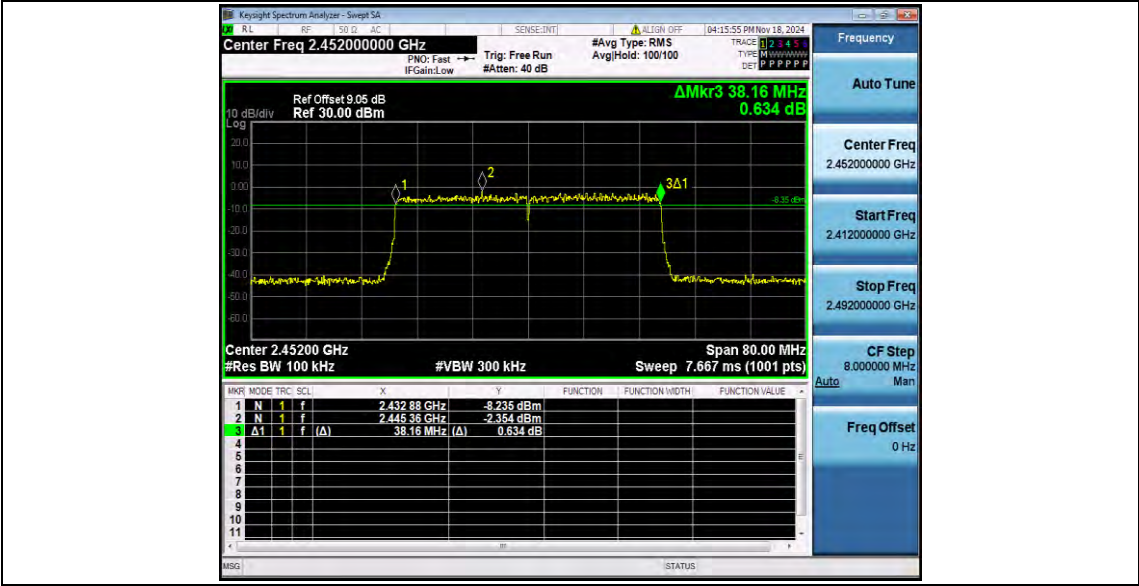
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



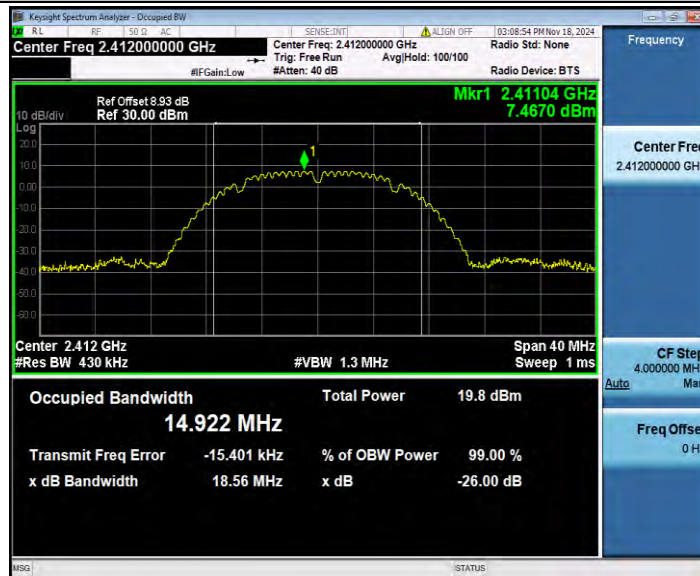
Appendix C.2: Occupied Channel Bandwidth

Test Result

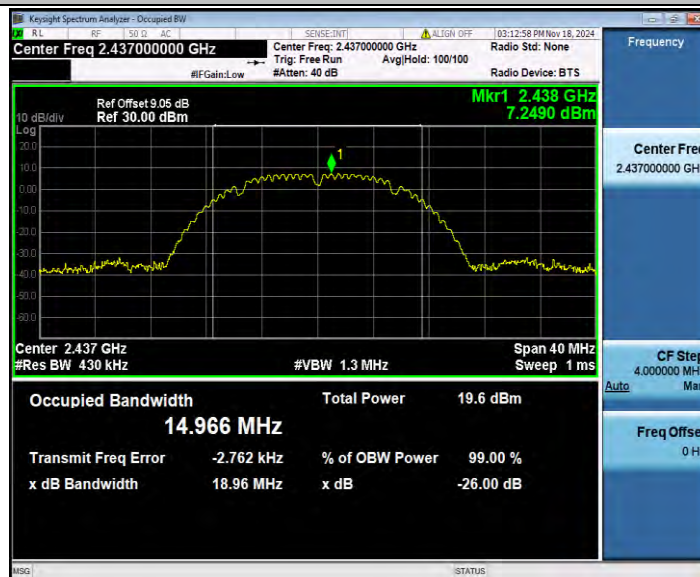
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	14.922	2404.5236	2419.4456	---	---
		2437	14.966	2429.5142	2444.4802	---	---
		2462	14.888	2454.5314	2469.4194	---	---
11G	Ant1	2412	16.498	2403.7156	2420.2136	---	---
		2437	16.509	2428.7581	2445.2671	---	---
		2462	16.484	2453.7473	2470.2313	---	---
11N20SISO	Ant1	2412	17.611	2403.1842	2420.7952	---	---
		2437	17.638	2428.2056	2445.8436	---	---
		2462	17.625	2453.1840	2470.8090	---	---
11N40SISO	Ant1	2422	36.252	2403.8924	2440.1444	---	---
		2437	36.253	2418.9557	2455.2087	---	---
		2452	36.185	2433.9557	2470.1407	---	---
11AX20SISO	Ant1	2412	18.949	2402.5171	2421.4661	---	---
		2437	19.002	2427.5171	2446.5191	---	---
		2462	18.979	2452.5112	2471.4902	---	---
11AX40SISO	Ant1	2422	37.936	2403.0437	2440.9797	---	---
		2437	37.922	2418.1096	2456.0316	---	---
		2452	37.783	2433.1644	2470.9474	---	---

Test Graphs

11B_Ant1_2412



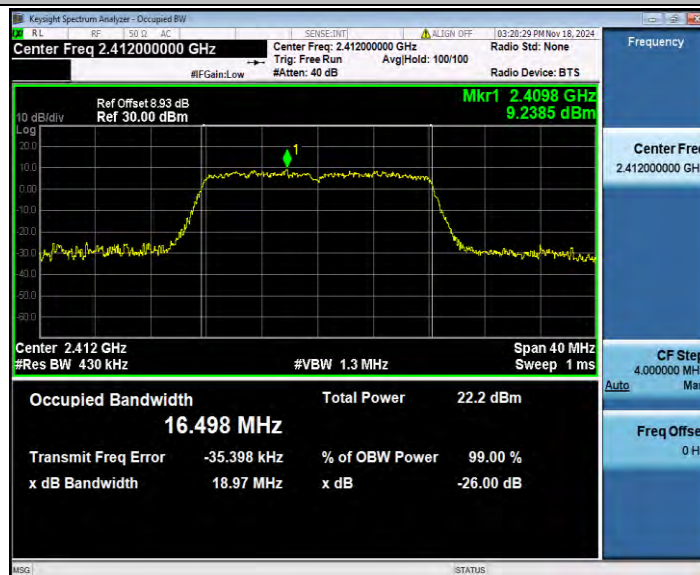
11B_Ant1_2437



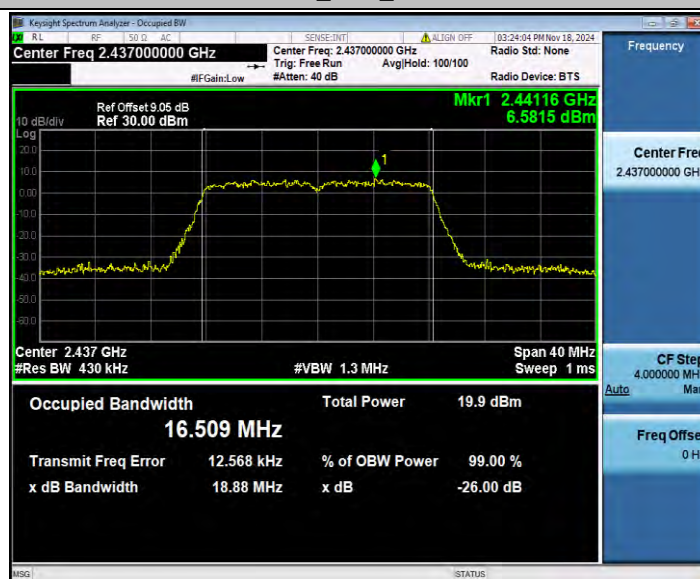
11B_Ant1_2462



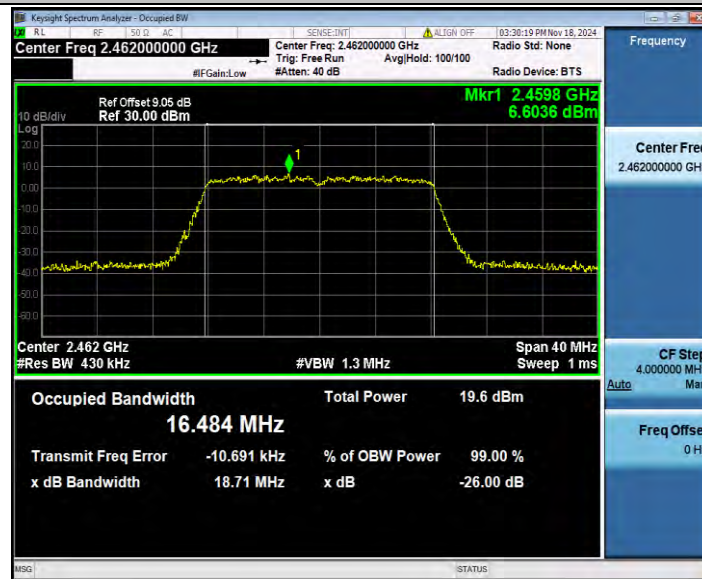
11G_Ant1_2412



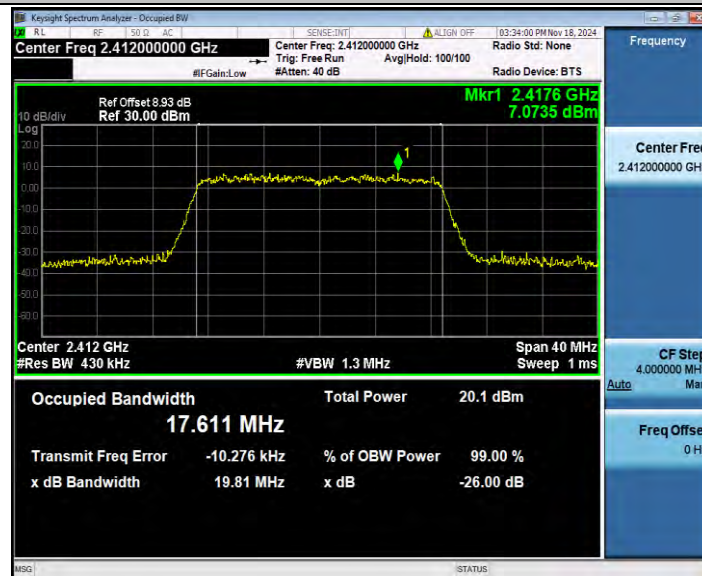
11G_Ant1_2437



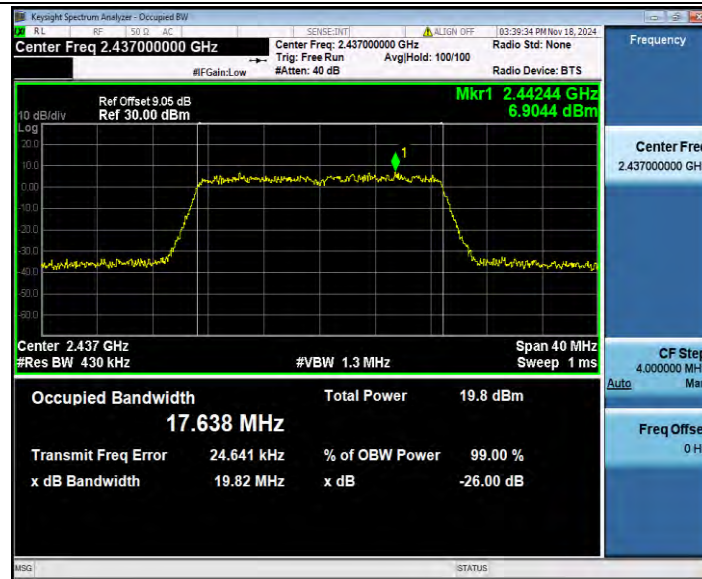
11G_Ant1_2462



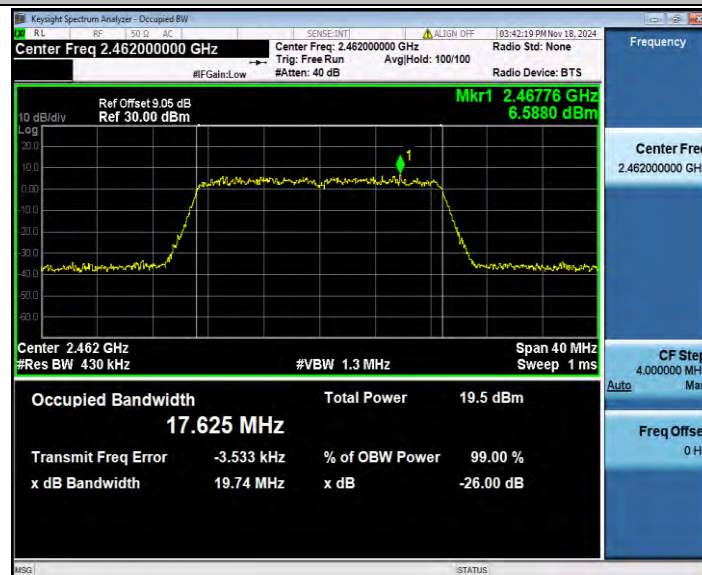
11N20SISO_Ant1_2412



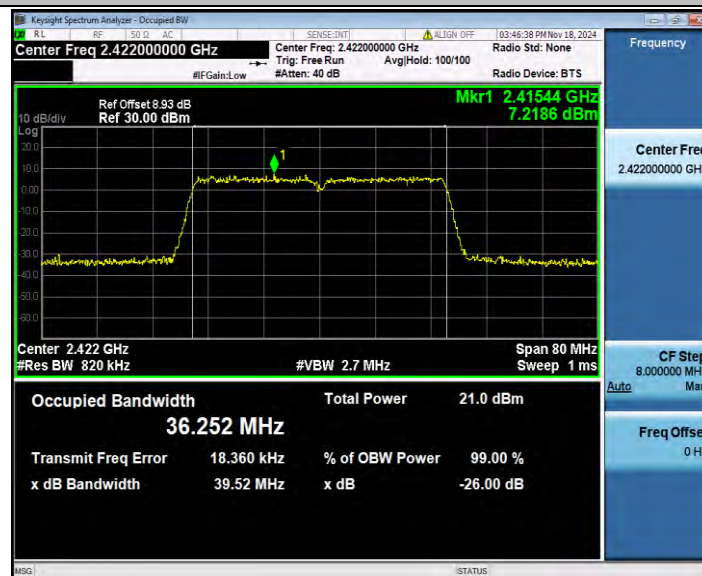
11N20SISO_Ant1_2437



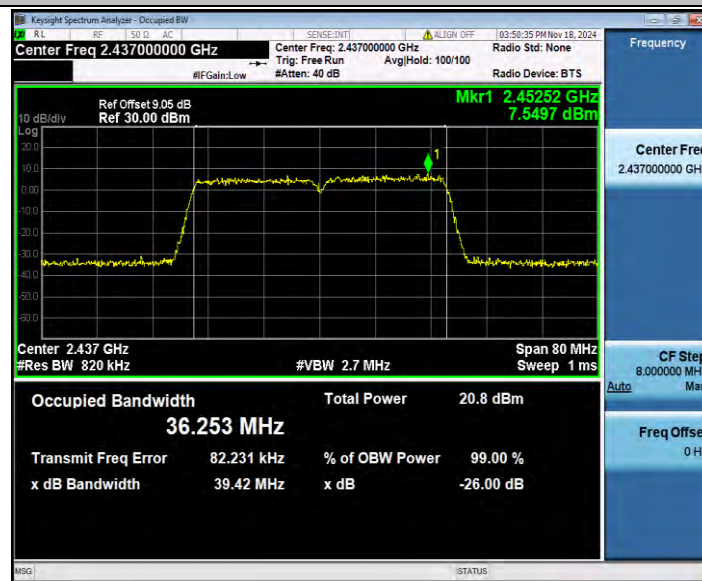
11N20SISO_Ant1_2462



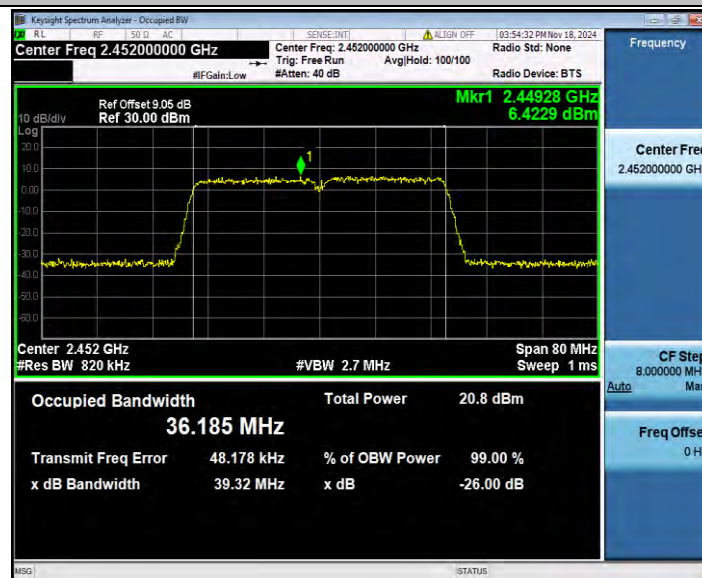
11N40SISO_Ant1_2422



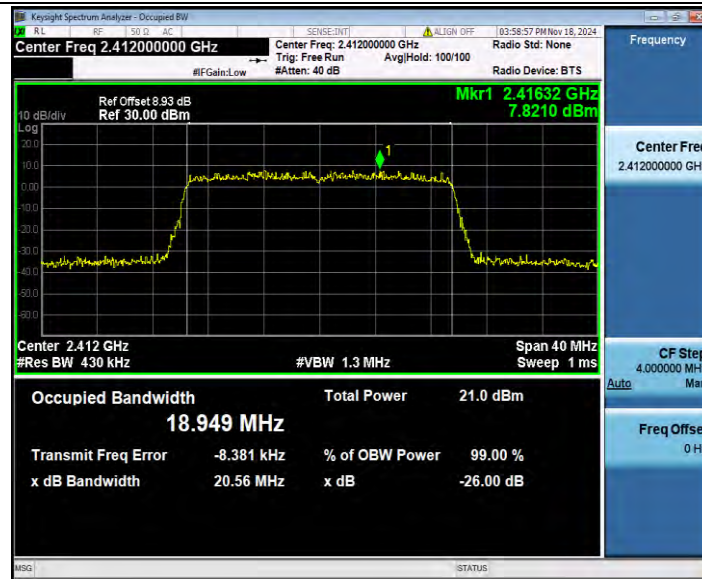
11N40SISO_Ant1_2437



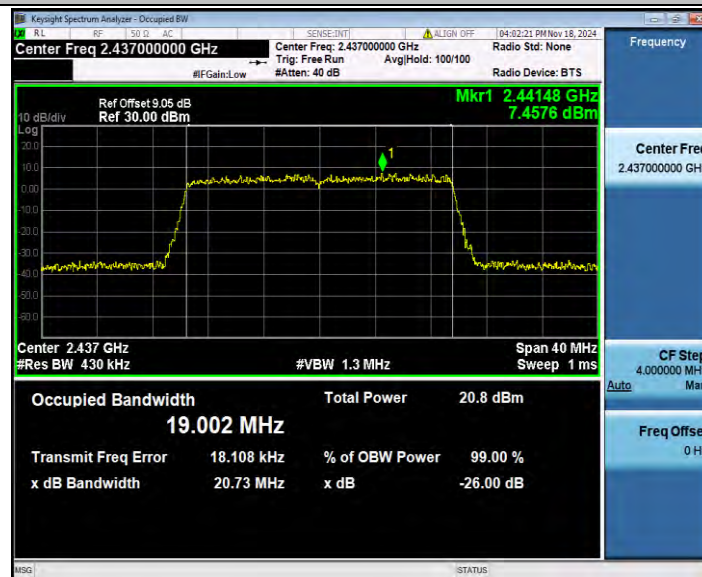
11N40SISO_Ant1_2452



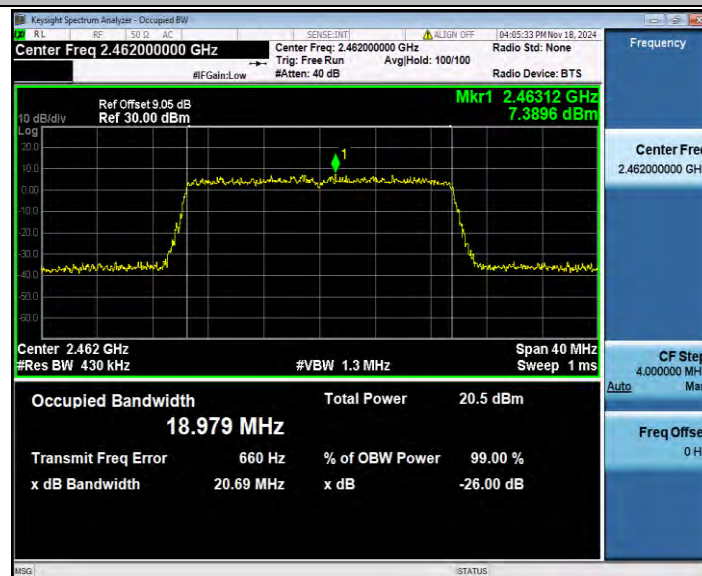
11AX20SISO_Ant1_2412



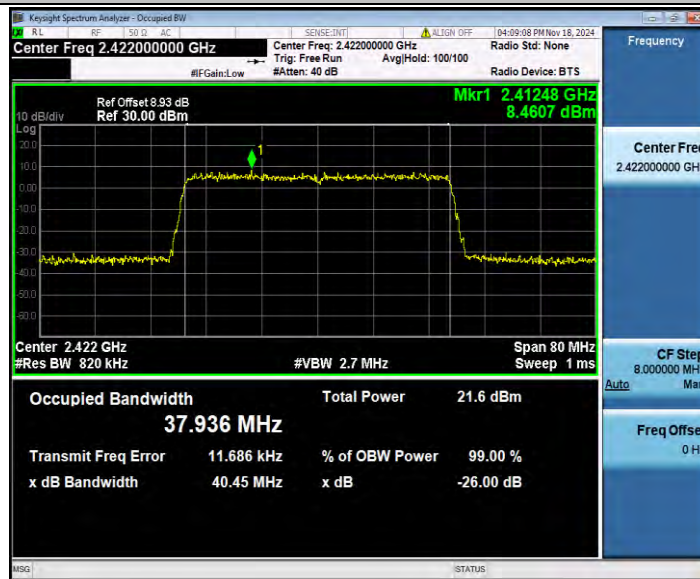
11AX20SISO_Ant1_2437



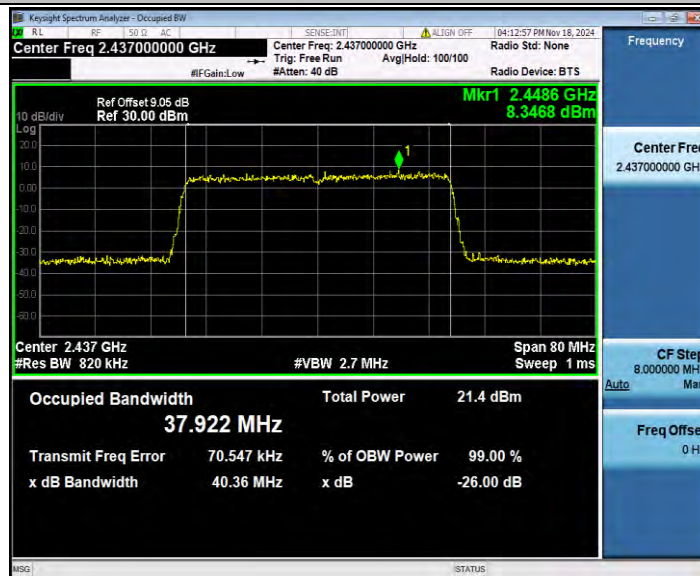
11AX20SISO_Ant1_2462



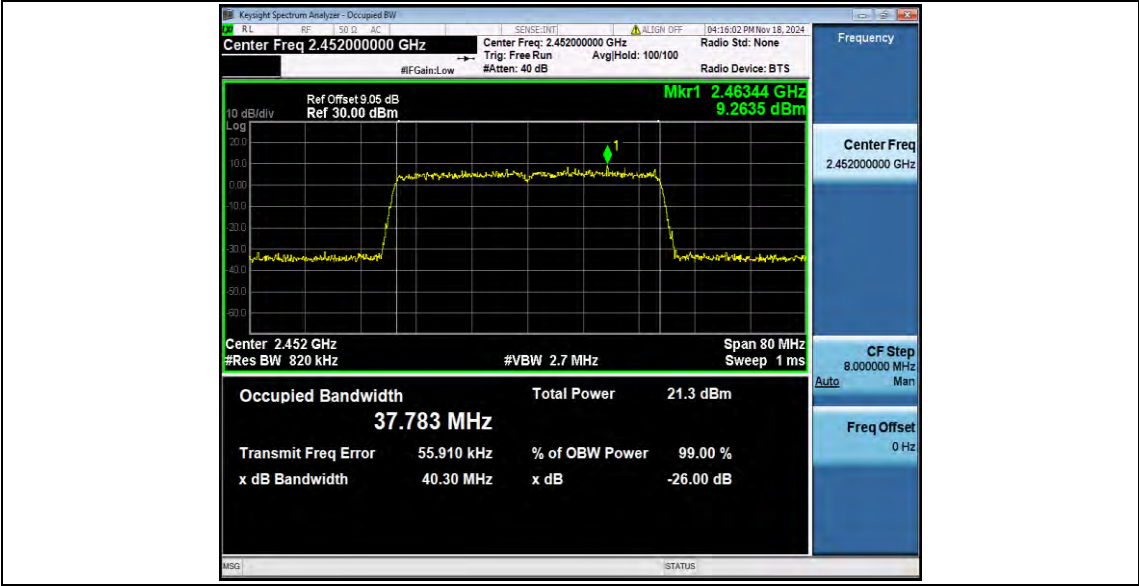
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Mode	Antenna	Frequency[MHz]	Peak power [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	19.86	≤30.00	PASS
		2437	19.74	≤30.00	PASS
		2462	19.85	≤30.00	PASS
11G	Ant1	2412	20.33	≤30.00	PASS
		2437	21.00	≤30.00	PASS
		2462	20.76	≤30.00	PASS
11N20SISO	Ant1	2412	21.21	≤30.00	PASS
		2437	20.99	≤30.00	PASS
		2462	20.68	≤30.00	PASS
11N40SISO	Ant1	2422	21.18	≤30.00	PASS
		2437	21.12	≤30.00	PASS
		2452	20.97	≤30.00	PASS
11AX20SISO	Ant1	2412	21.39	≤30.00	PASS
		2437	21.35	≤30.00	PASS
		2462	21.01	≤30.00	PASS
11AX40SISO	Ant1	2422	21.62	≤30.00	PASS
		2437	21.64	≤30.00	PASS
		2452	21.32	≤30.00	PASS

Appendix C.4: Maximum power spectral density

Test Result

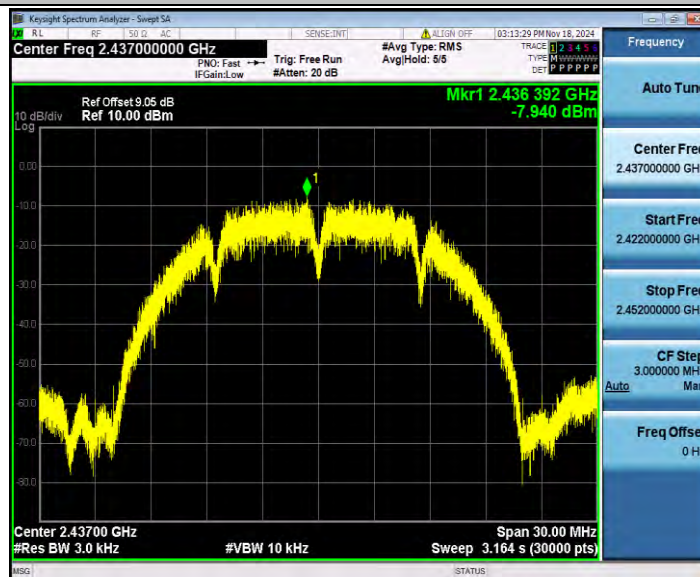
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-7.20	≤8.00	PASS
		2437	-7.94	≤8.00	PASS
		2462	-7.36	≤8.00	PASS
11G	Ant1	2412	-1.40	≤8.00	PASS
		2437	-3.74	≤8.00	PASS
		2462	-3.93	≤8.00	PASS
11N20SISO	Ant1	2412	-3.26	≤8.00	PASS
		2437	-3.49	≤8.00	PASS
		2462	-3.91	≤8.00	PASS
11N40SISO	Ant1	2422	-6.77	≤8.00	PASS
		2437	-6.66	≤8.00	PASS
		2452	-6.72	≤8.00	PASS
11AX20SISO	Ant1	2412	-9.61	≤8.00	PASS
		2437	-9.46	≤8.00	PASS
		2462	-9.85	≤8.00	PASS
11AX40SISO	Ant1	2422	-12.54	≤8.00	PASS
		2437	-11.97	≤8.00	PASS
		2452	-12.46	≤8.00	PASS

Test Graphs

11B_Ant1_2412



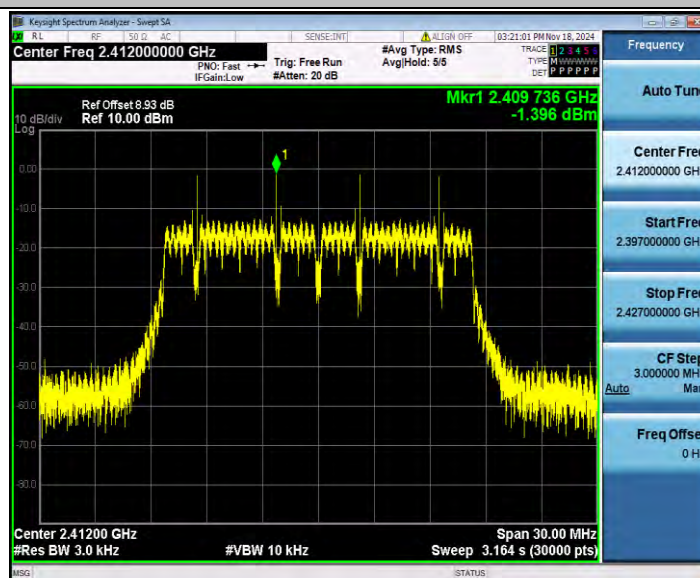
11B_Ant1_2437



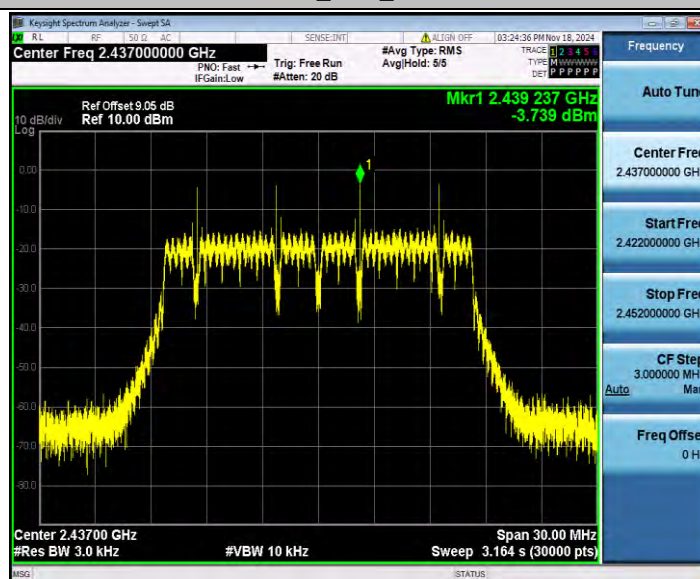
11B_Ant1_2462



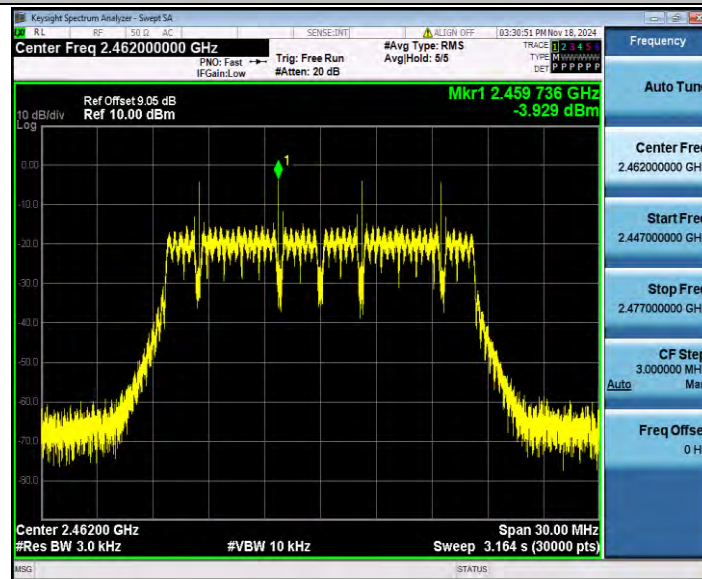
11G_Ant1_2412



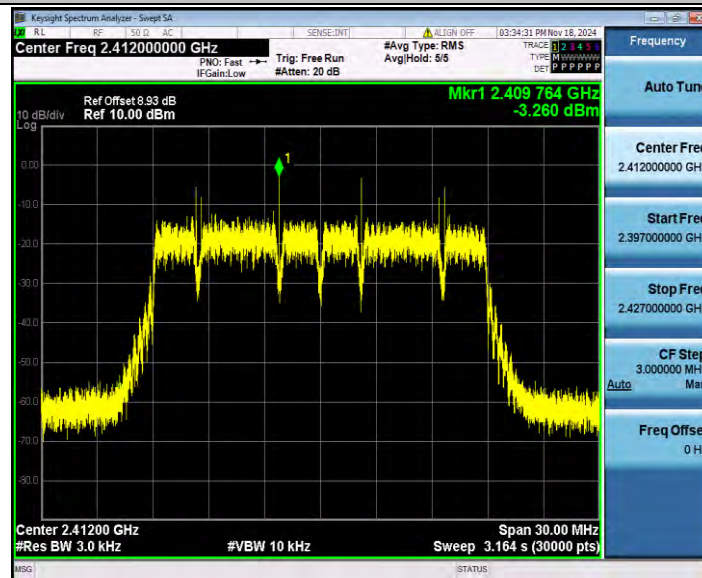
11G_Ant1_2437



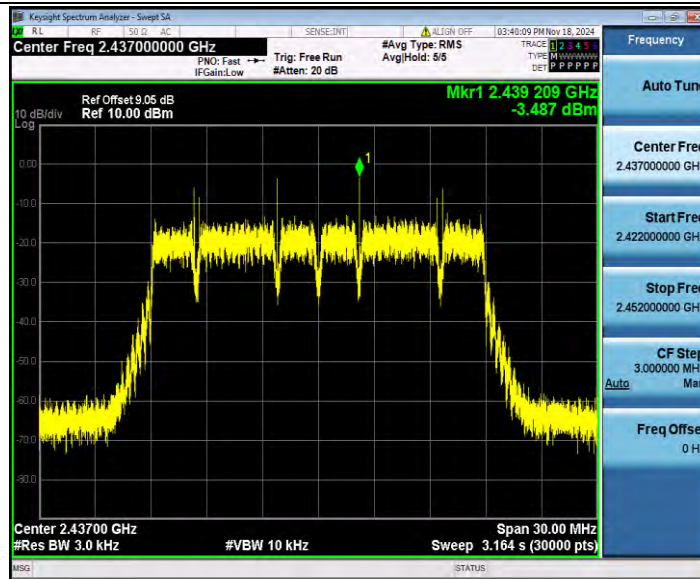
11G_Ant1_2462



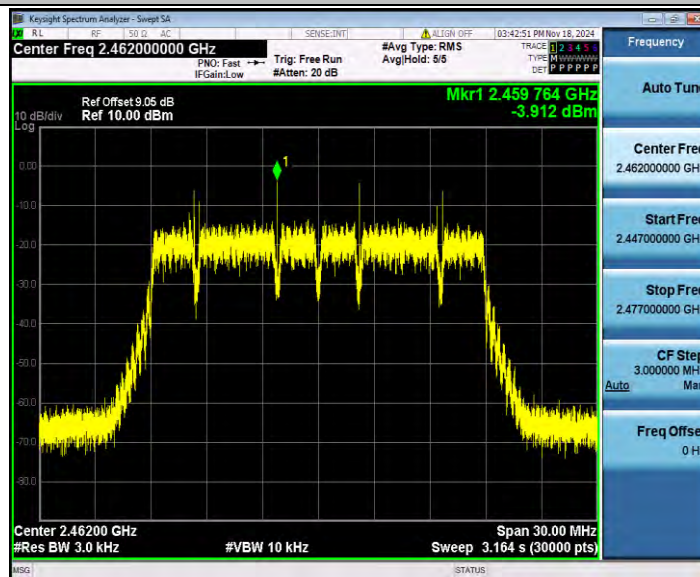
11N20SISO_Ant1_2412



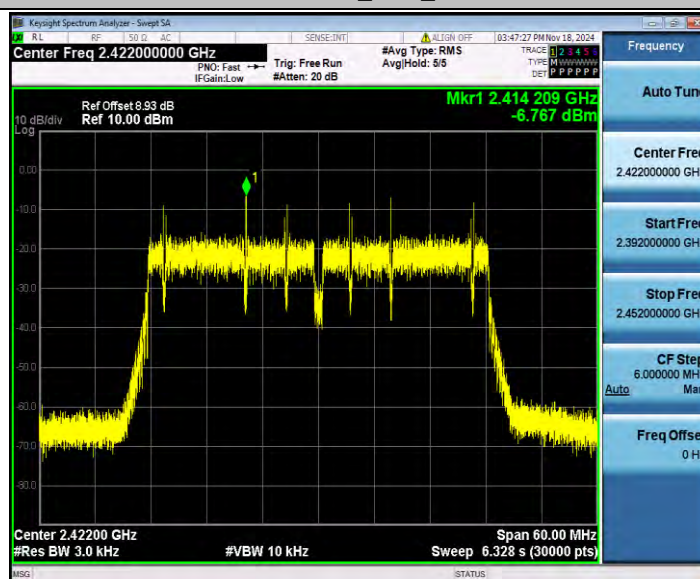
11N20SISO_Ant1_2437



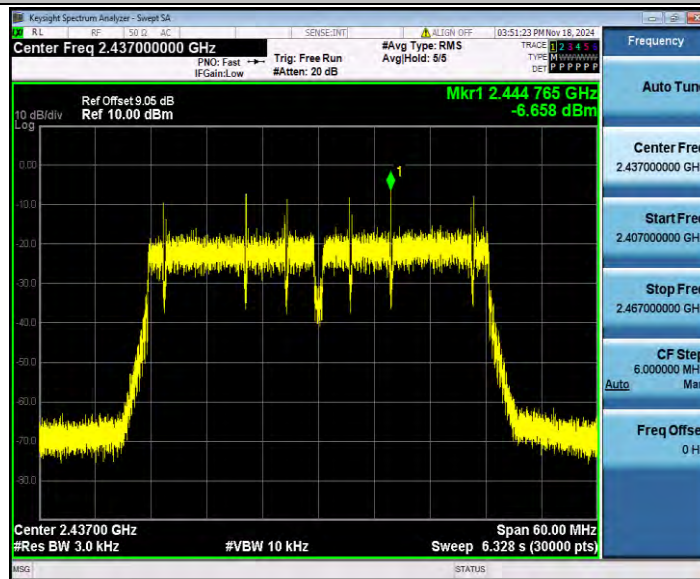
11N20SISO_Ant1_2462



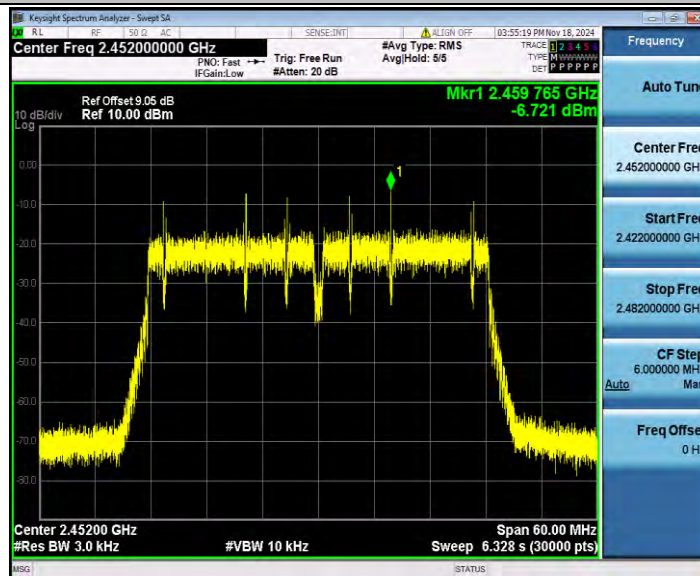
11N40SISO_Ant1_2422



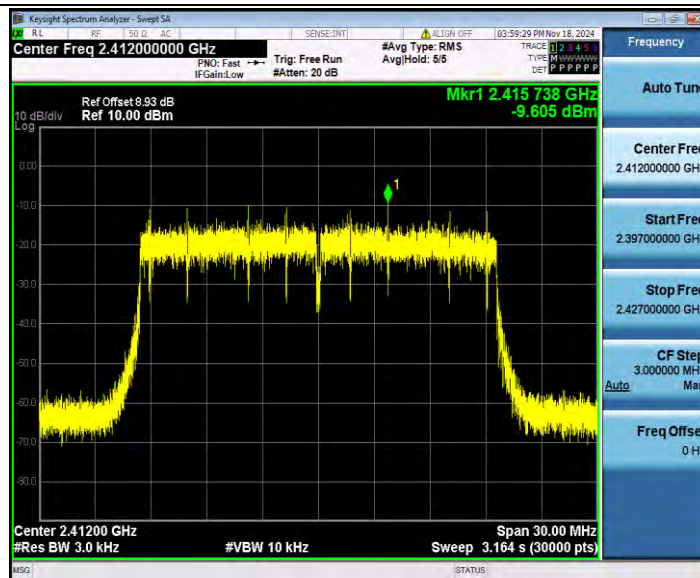
11N40SISO_Ant1_2437



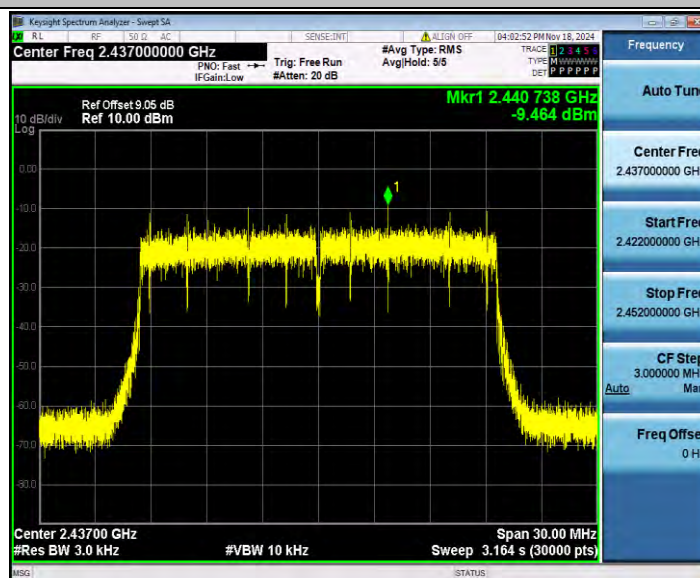
11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



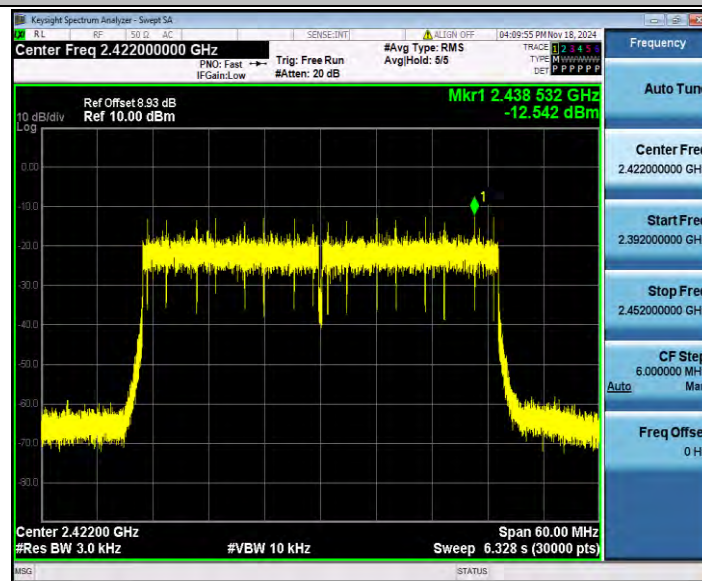
11AX20SISO_Ant1_2437



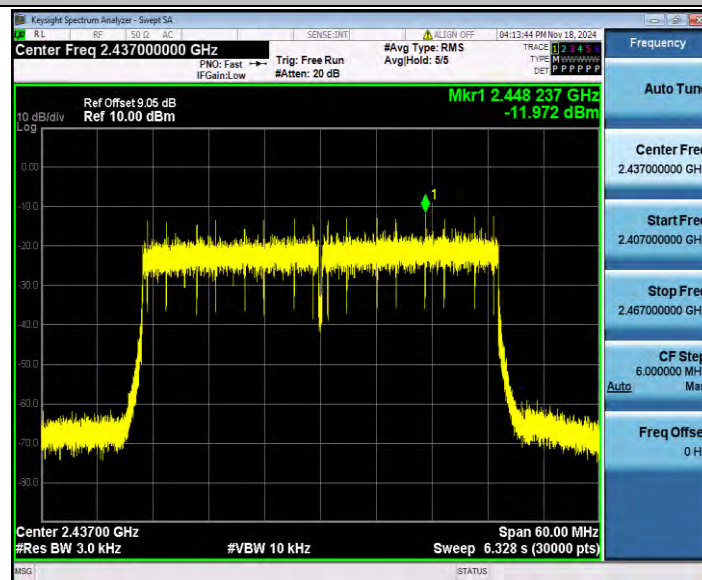
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

