

Case No. : GTS20221207004-1-10	
Ambient Condition: 25 °C, 45 %RH, Atmos100.1Kpa,	
Test Date: 2023.1.9	Test Engineer: Jenny zeng

Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.520	2408.000	2415.520	0.5	PASS
		2437	7.560	2433.480	2441.040	0.5	PASS
		2462	6.560	2458.920	2465.480	0.5	PASS
11G	Ant1	2412	16.320	2403.840	2420.160	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.400	2453.760	2470.160	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	17.640	2428.160	2445.800	0.5	PASS
		2462	17.560	2453.200	2470.760	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	18.680	2402.800	2421.480	0.5	PASS
		2437	19.040	2427.440	2446.480	0.5	PASS
		2462	18.920	2452.520	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	37.840	2403.040	2440.880	0.5	PASS
		2437	38.080	2417.960	2456.040	0.5	PASS
		2452	37.760	2433.040	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



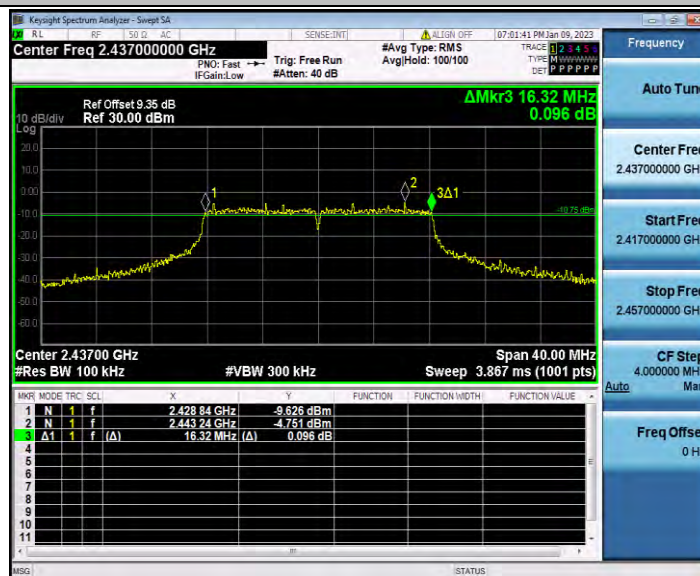
11B_Ant1_2462



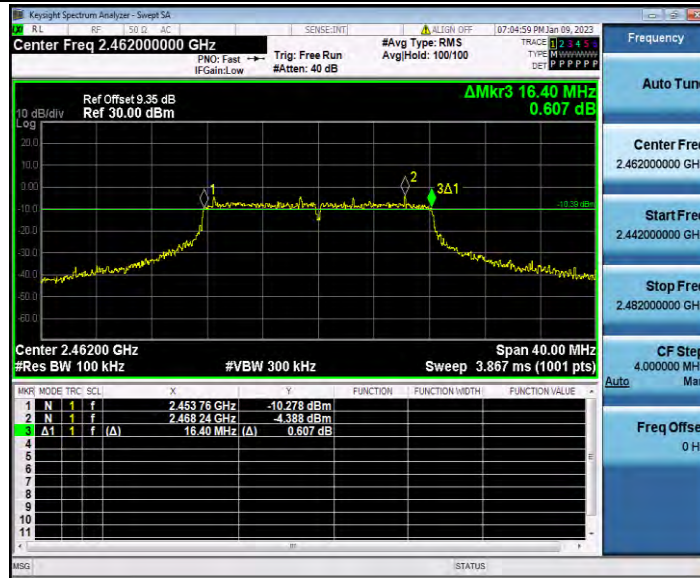
11G_Ant1_2412



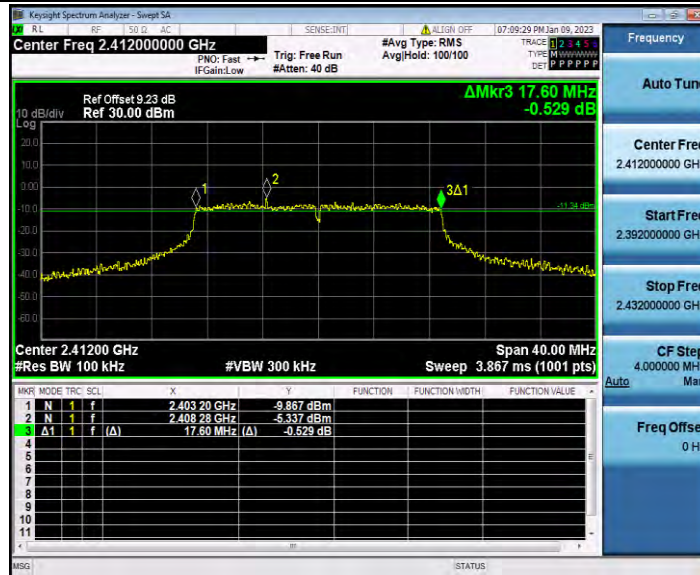
11G_Ant1_2437



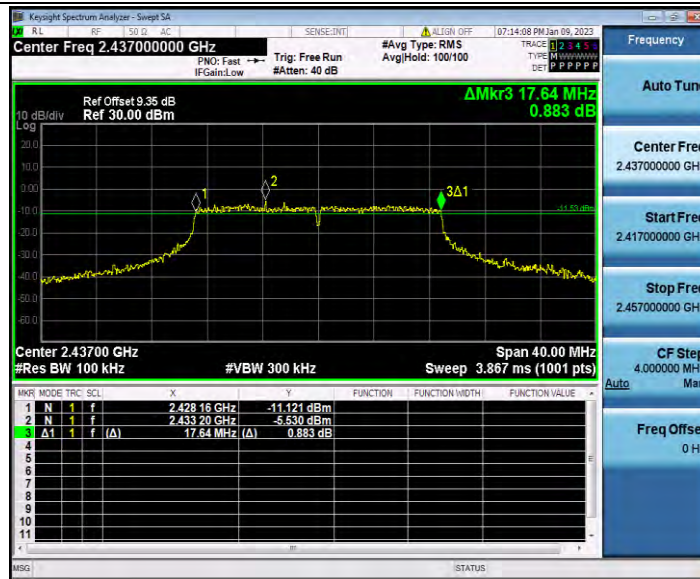
11G_Ant1_2462



11N20SISO_Ant1_2412



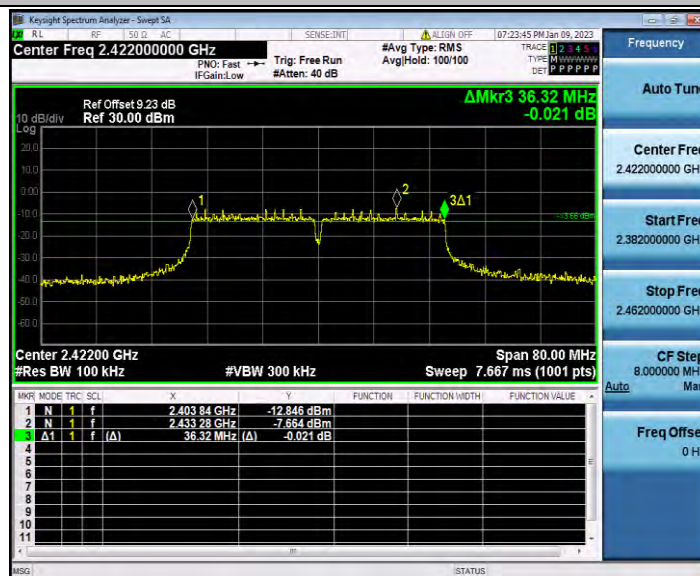
11N20SISO_Ant1_2437



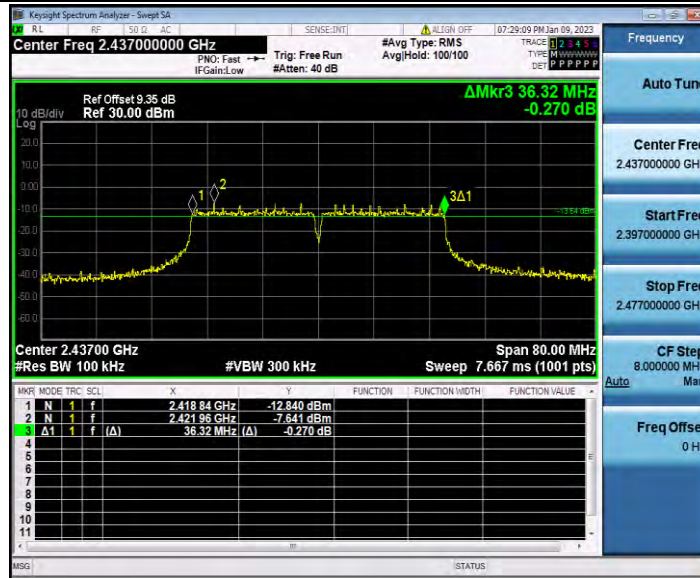
11N20SISO_Ant1_2462



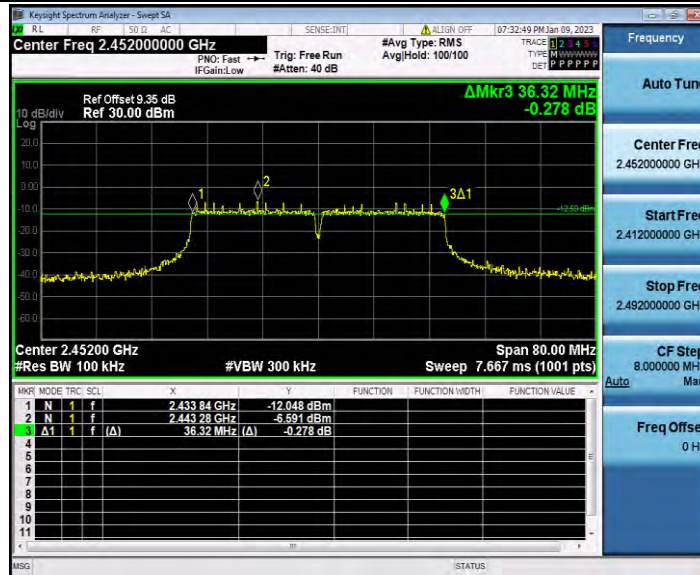
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



11AX20SISO_Ant1_2412



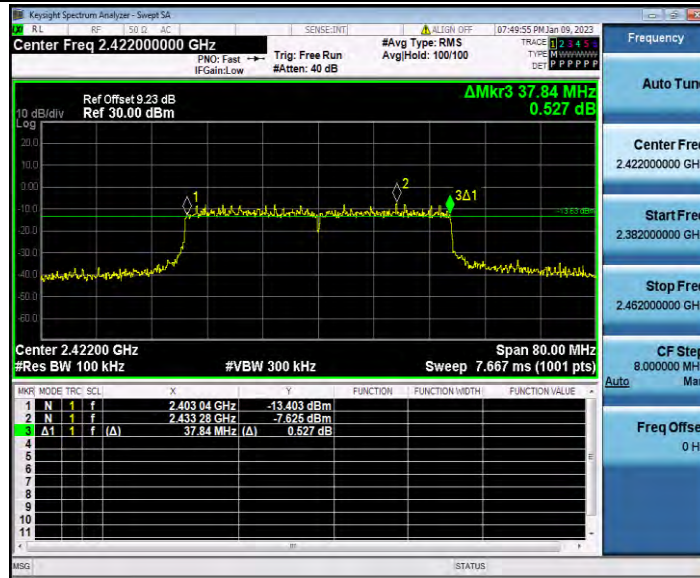
11AX20SISO_Ant1_2437



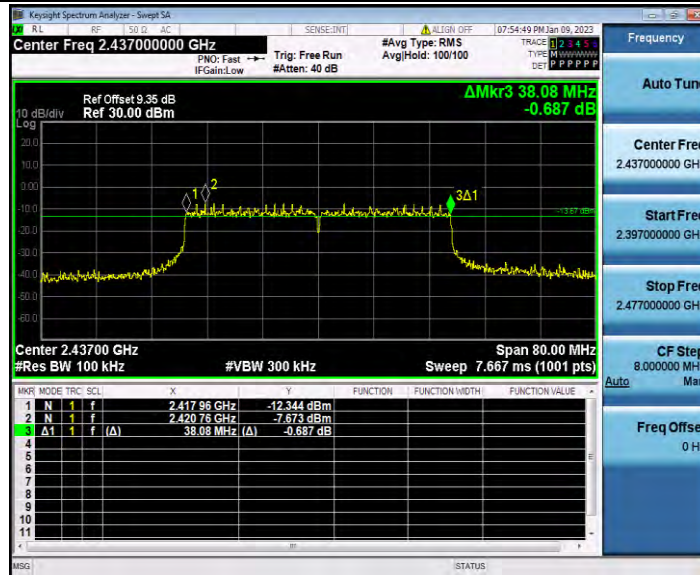
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

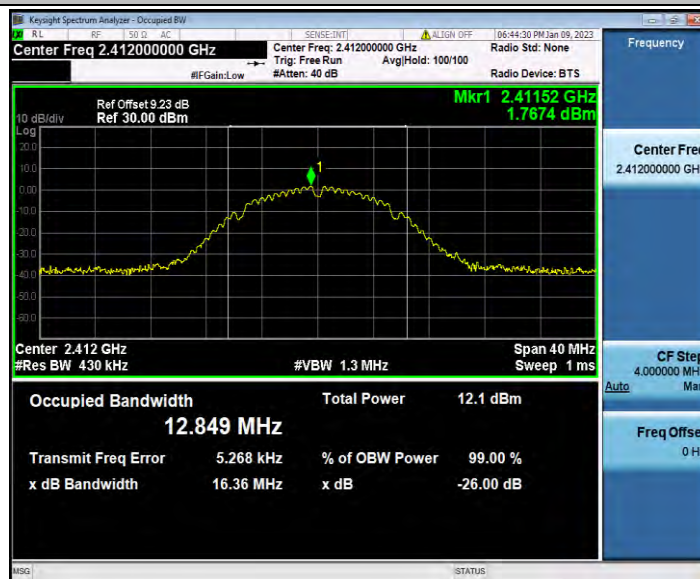
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.849	2405.581	2418.430	---	---
		2437	12.698	2430.665	2443.363	---	---
		2462	12.635	2455.670	2468.305	---	---
11G	Ant1	2412	17.873	2403.074	2420.947	---	---
		2437	17.700	2428.079	2445.779	---	---
		2462	17.758	2453.009	2470.767	---	---
11N20SISO	Ant1	2412	19.067	2402.519	2421.586	---	---
		2437	19.025	2427.506	2446.531	---	---
		2462	19.065	2452.395	2471.460	---	---
11N40SISO	Ant1	2422	37.527	2403.254	2440.781	---	---
		2437	37.375	2418.297	2455.672	---	---
		2452	37.306	2433.281	2470.587	---	---
11AX20SISO	Ant1	2412	19.612	2402.263	2421.875	---	---
		2437	19.707	2427.190	2446.897	---	---
		2462	19.596	2452.208	2471.804	---	---
11AX40SISO	Ant1	2422	38.444	2402.823	2441.267	---	---
		2437	38.385	2417.826	2456.211	---	---
		2452	38.325	2432.803	2471.128	---	---

Test Graphs

11B_Ant1_2412



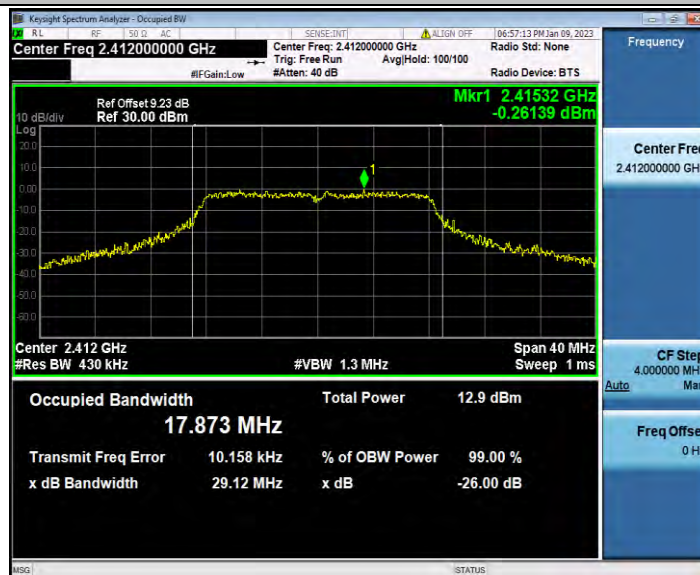
11B_Ant1_2437



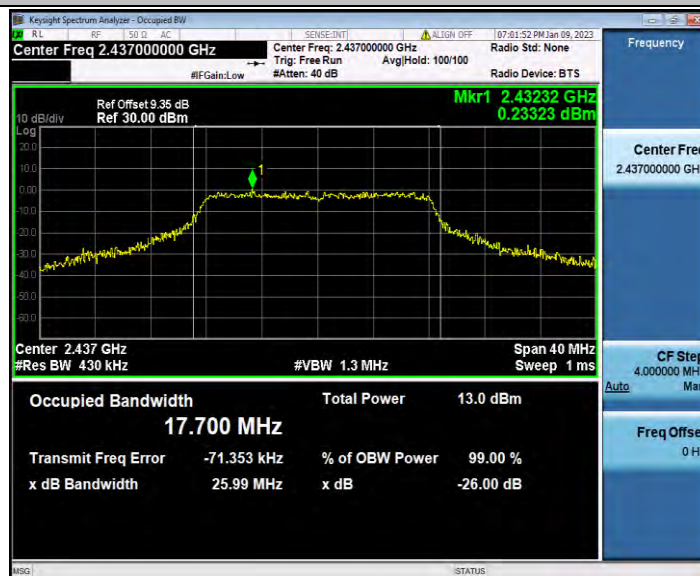
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



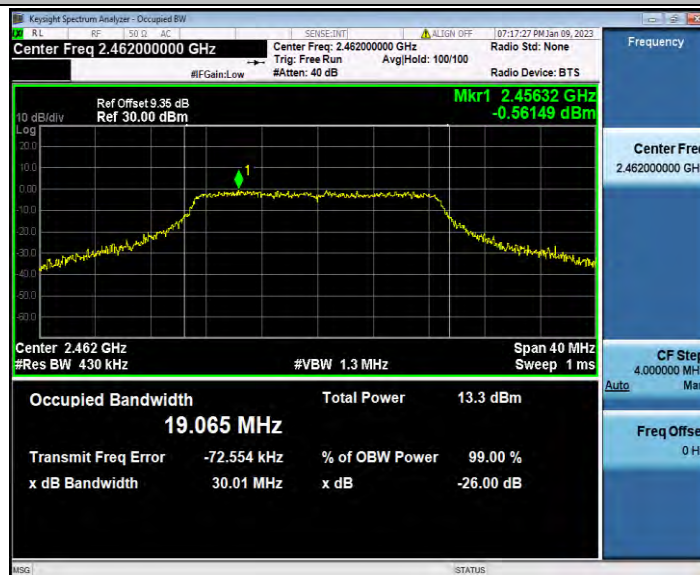
11N20SISO_Ant1_2412



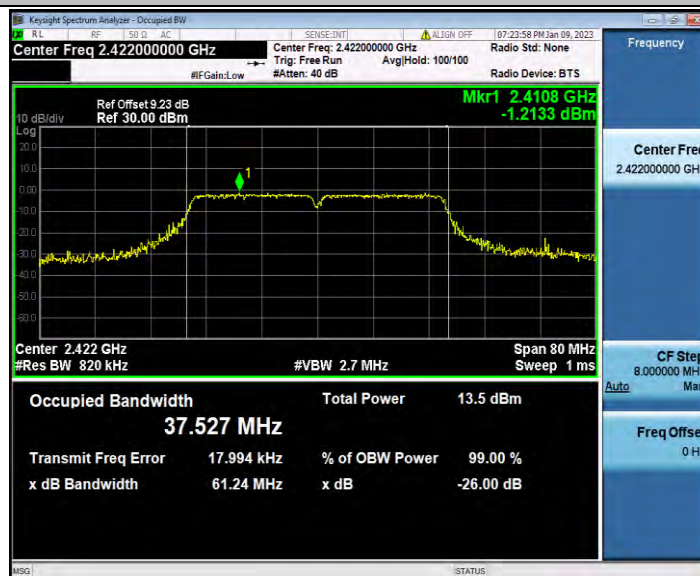
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



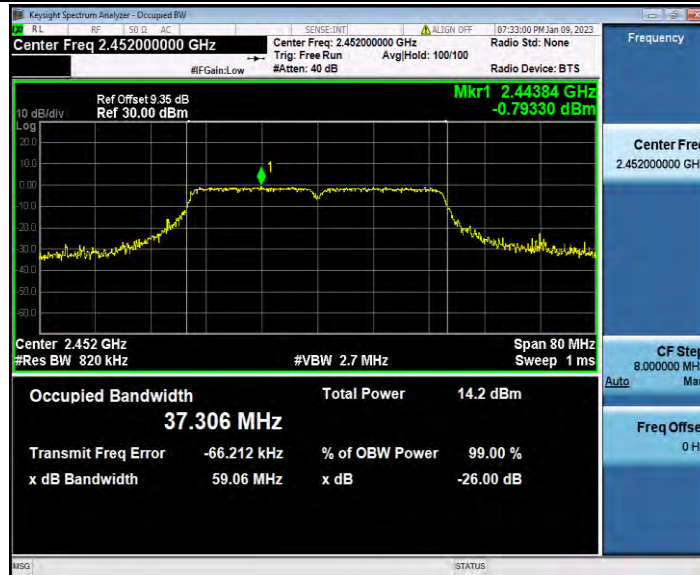
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



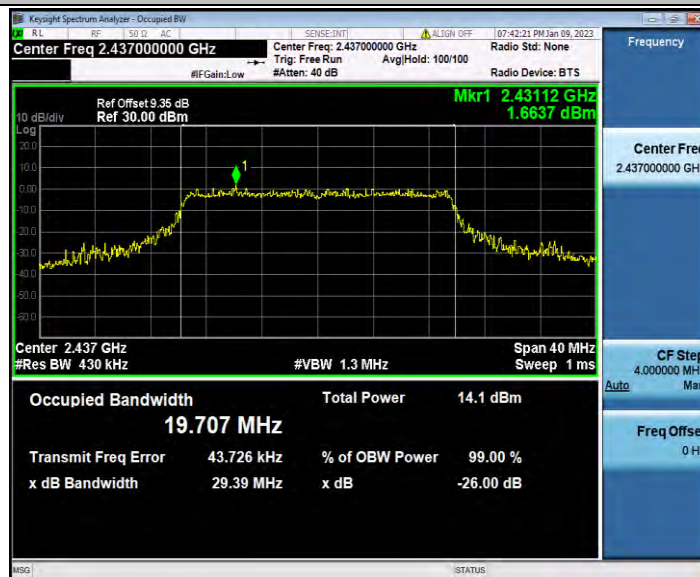
11N40SISO_Ant1_2452



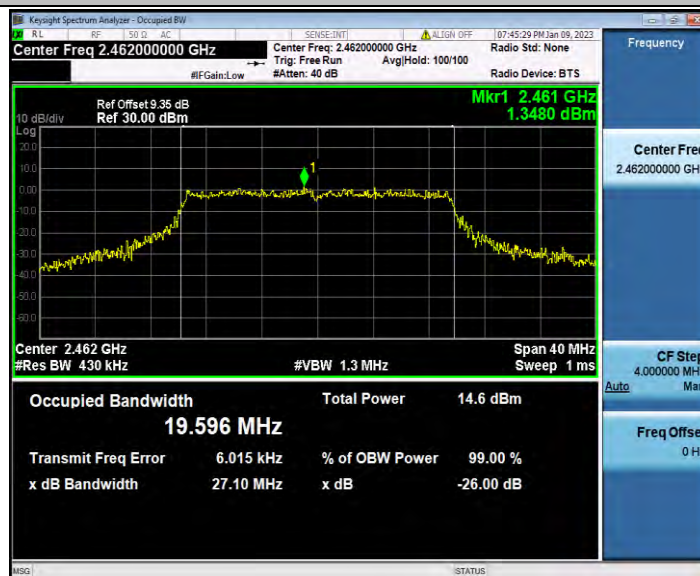
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



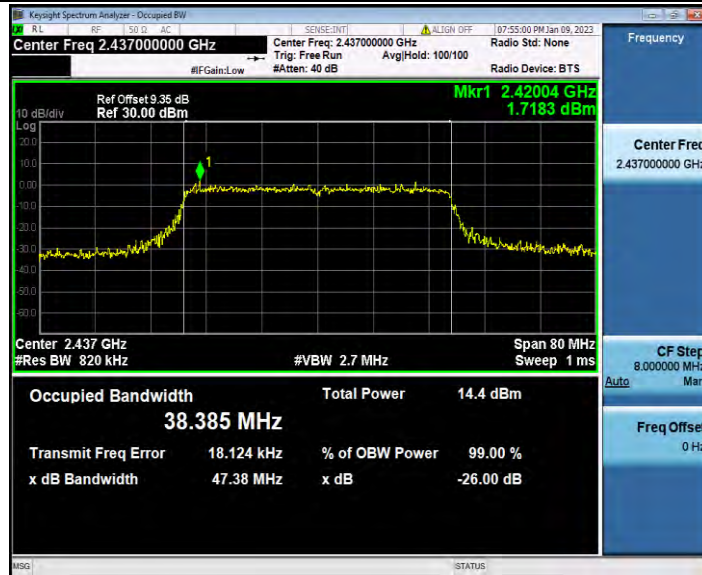
11AX20SISO_Ant1_2462



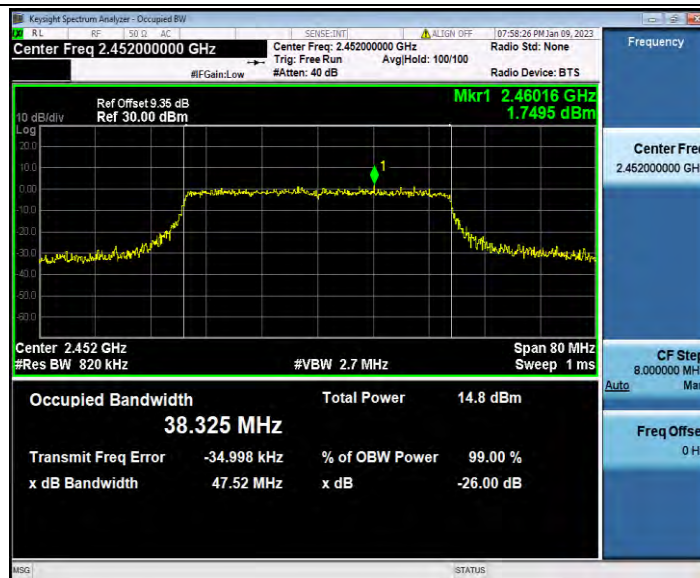
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix C.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	12.21	≤30.00	PASS
		2437	12.38	≤30.00	PASS
		2462	12.80	≤30.00	PASS
11G	Ant1	2412	13.91	≤30.00	PASS
		2437	14.11	≤30.00	PASS
		2462	14.58	≤30.00	PASS
11N20SISO	Ant1	2412	14.01	≤30.00	PASS
		2437	14.10	≤30.00	PASS
		2462	14.45	≤30.00	PASS
11N40SISO	Ant1	2422	13.80	≤30.00	PASS
		2437	13.99	≤30.00	PASS
		2452	14.48	≤30.00	PASS
11AX20SISO	Ant1	2412	14.71	≤30.00	PASS
		2437	14.72	≤30.00	PASS
		2462	15.17	≤30.00	PASS
11AX40SISO	Ant1	2422	14.39	≤30.00	PASS
		2437	14.49	≤30.00	PASS
		2452	15.01	≤30.00	PASS

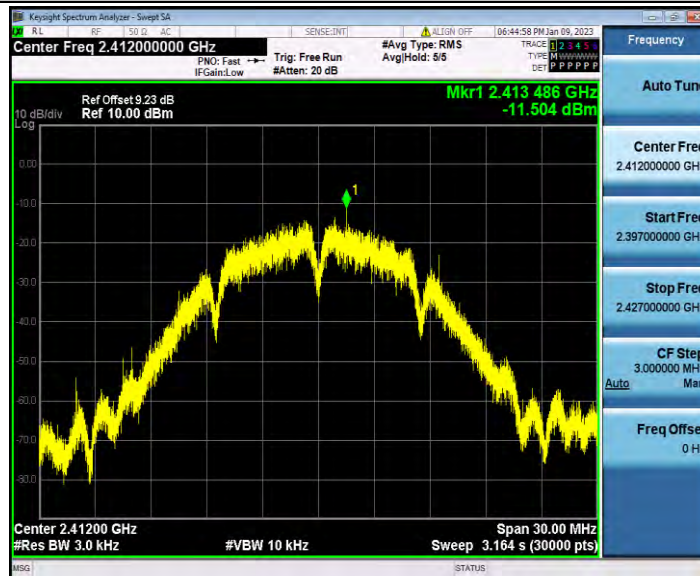
Appendix C.4: Maximum power spectral density

Test Result

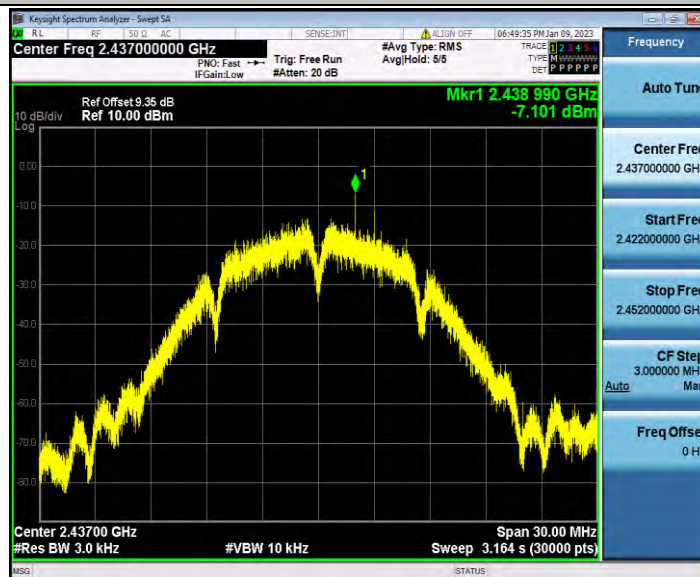
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.5	≤8.00	PASS
		2437	-7.1	≤8.00	PASS
		2462	-12.1	≤8.00	PASS
11G	Ant1	2412	-18.31	≤8.00	PASS
		2437	-18.58	≤8.00	PASS
		2462	-17.95	≤8.00	PASS
11N20SISO	Ant1	2412	-18.84	≤8.00	PASS
		2437	-17.9	≤8.00	PASS
		2462	-18.29	≤8.00	PASS
11N40SISO	Ant1	2422	-21.08	≤8.00	PASS
		2437	-20.74	≤8.00	PASS
		2452	-21.4	≤8.00	PASS
11AX20SISO	Ant1	2412	-20.41	≤8.00	PASS
		2437	-20	≤8.00	PASS
		2462	-19.88	≤8.00	PASS
11AX40SISO	Ant1	2422	-23.04	≤8.00	PASS
		2437	-22.33	≤8.00	PASS
		2452	-21.74	≤8.00	PASS

Test Graphs

11B_Ant1_2412



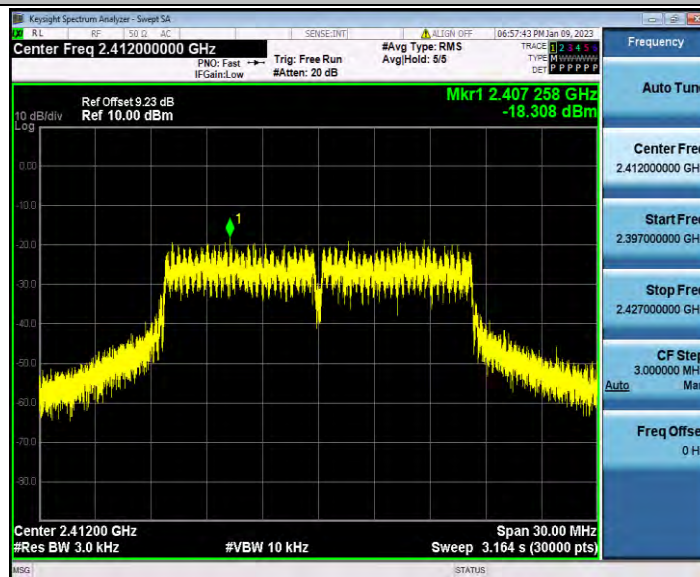
11B_Ant1_2437



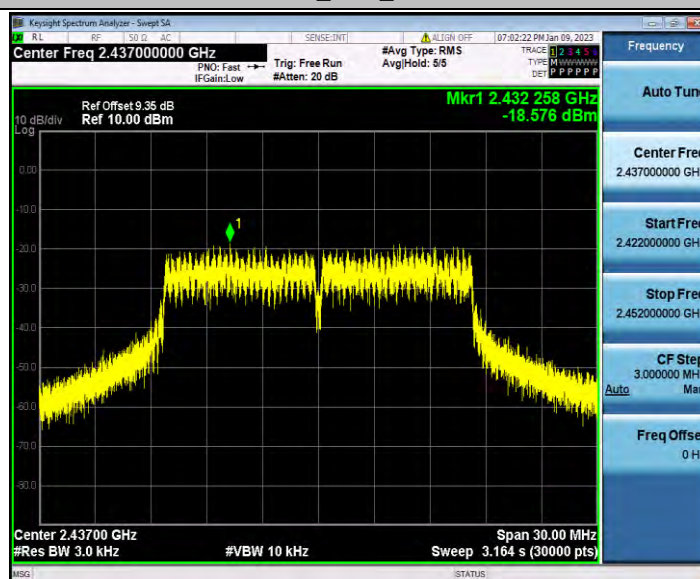
11B_Ant1_2462



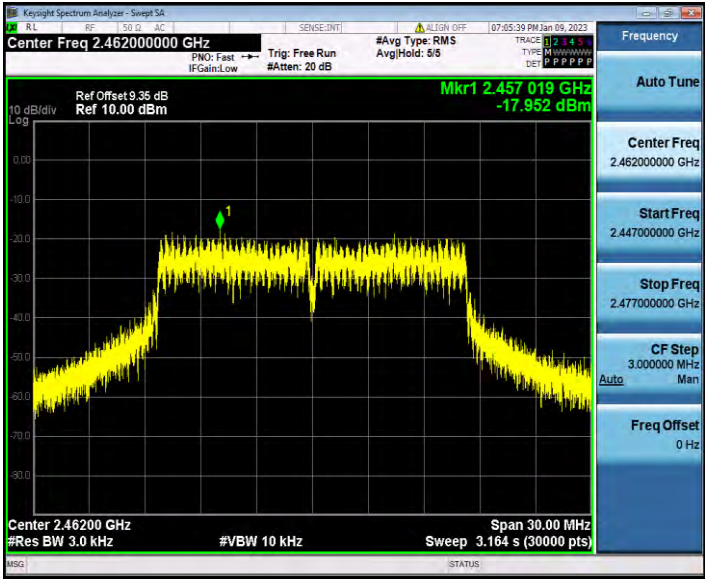
11G_Ant1_2412



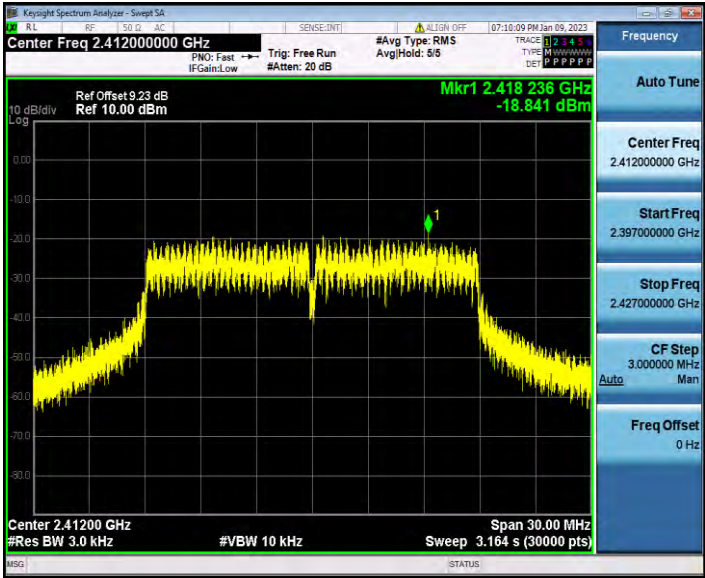
11G_Ant1_2437



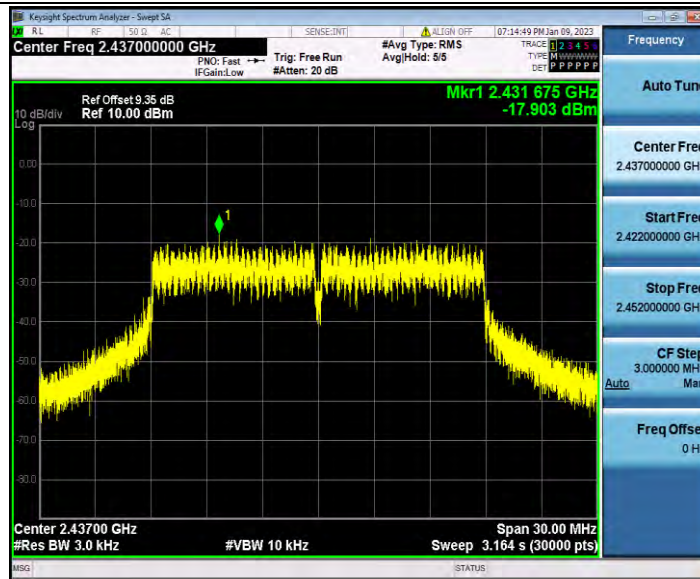
11G_Ant1_2462



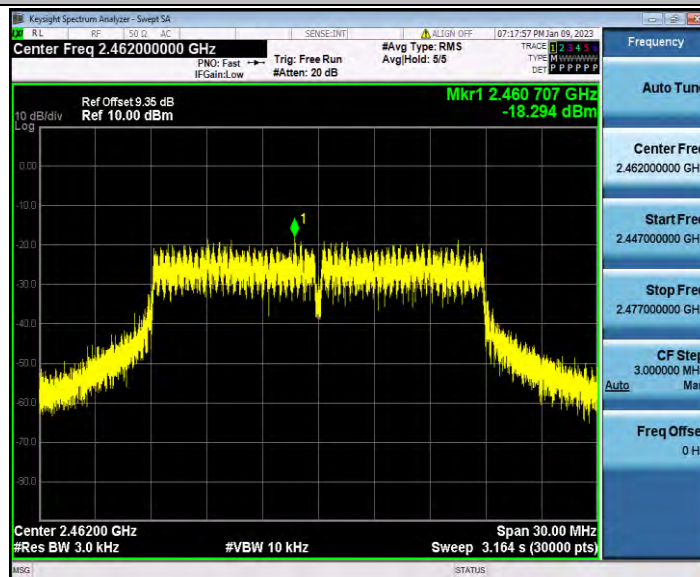
11N20SISO_Ant1_2412



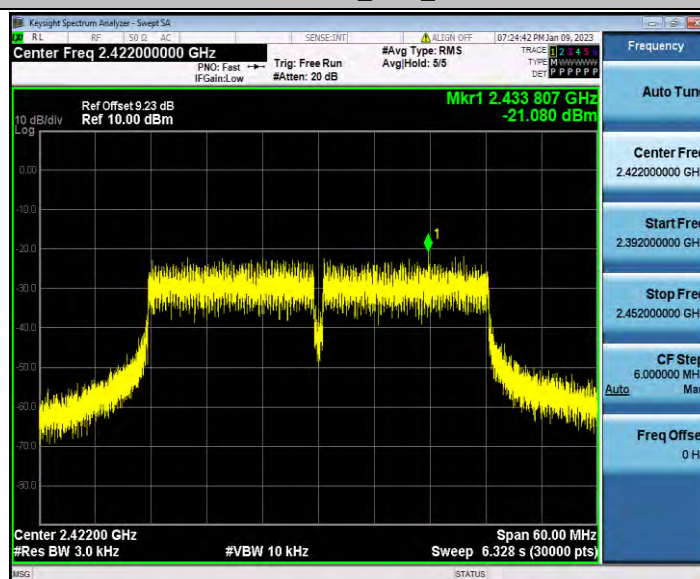
11N20SISO_Ant1_2437



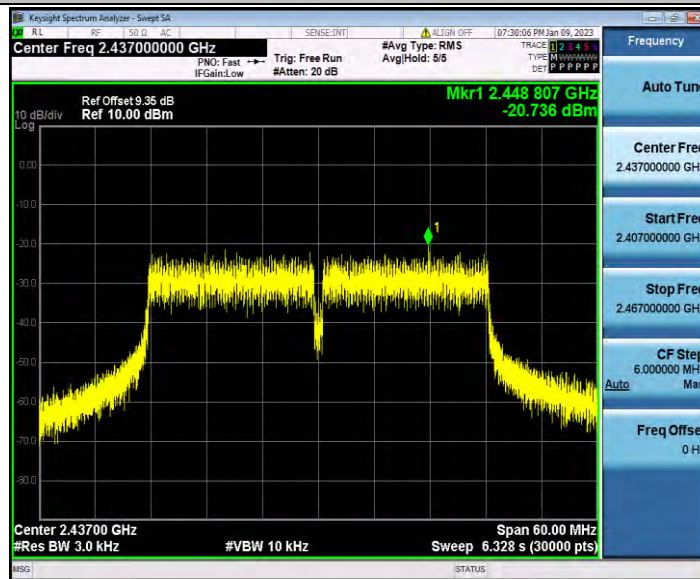
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



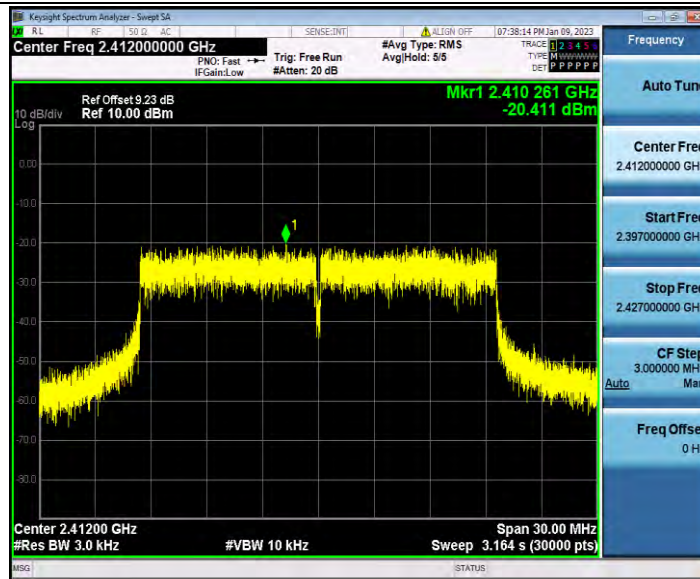
11N40SISO_Ant1_2437



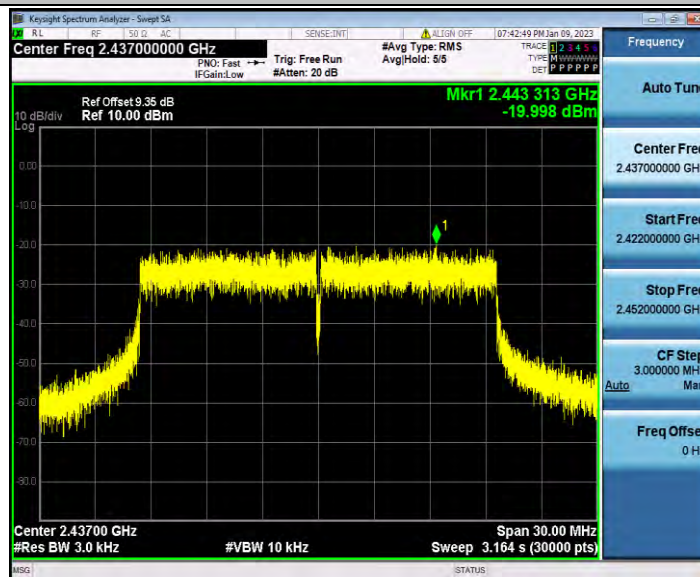
11N40SISO_Ant1_2452



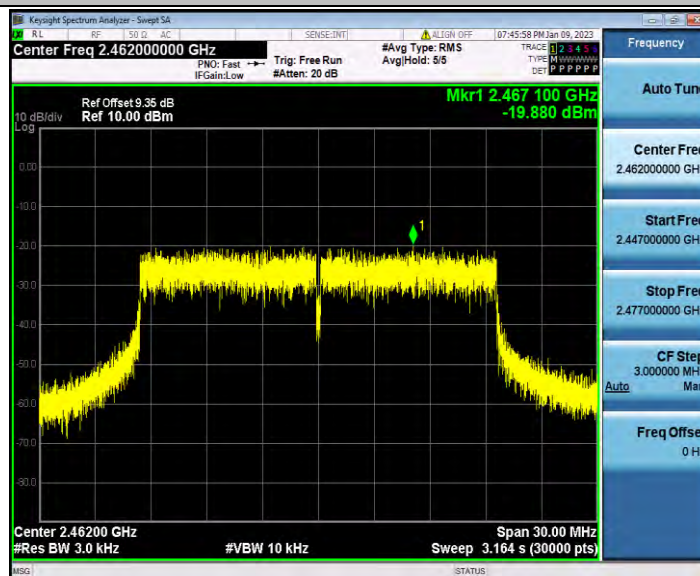
11AX20SISO_Ant1_2412



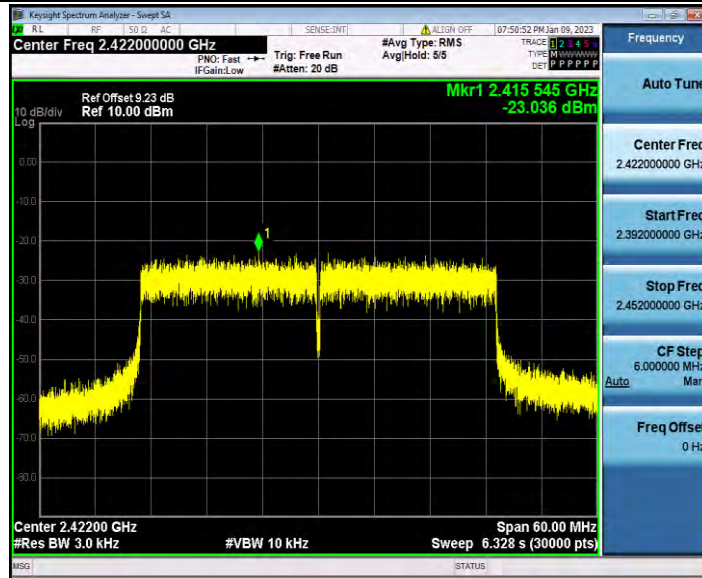
11AX20SISO_Ant1_2437



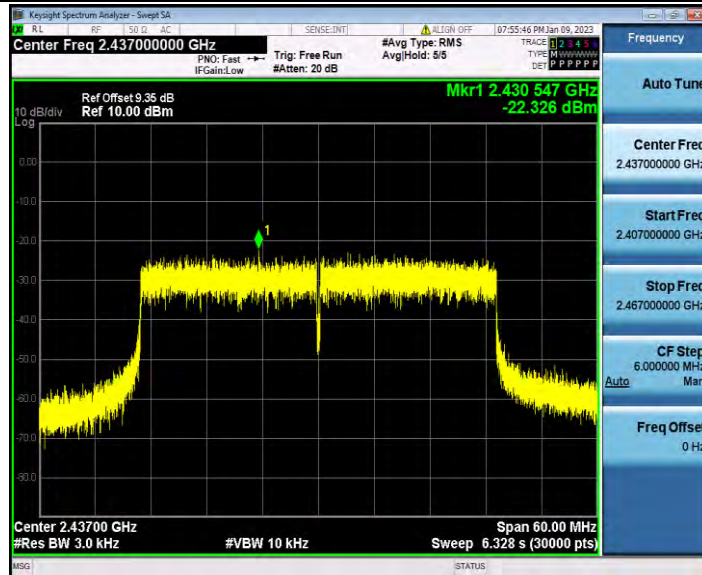
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

