

Case No. : <u>GTS20221226006-1-2</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2023.1.31</u>	Test Engineer: <u>Jenny zeng</u>

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	8.080	2408.000	2416.080	0.5	PASS
		2437	8.000	2433.040	2441.040	0.5	PASS
		2462	8.120	2457.960	2466.080	0.5	PASS
11G	Ant0	2412	15.680	2404.480	2420.160	0.5	PASS
		2437	15.680	2429.120	2444.800	0.5	PASS
		2462	15.000	2454.520	2469.520	0.5	PASS
11N20SISO	Ant0	2412	13.920	2405.680	2419.600	0.5	PASS
		2437	16.040	2429.480	2445.520	0.5	PASS
		2462	15.040	2454.520	2469.560	0.5	PASS
11N40SISO	Ant0	2422	33.840	2404.480	2438.320	0.5	PASS
		2437	35.120	2419.480	2454.600	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS
11AX20SISO	Ant0	2412	18.000	2403.240	2421.240	0.5	PASS
		2437	18.040	2428.280	2446.320	0.5	PASS
		2462	17.720	2452.960	2470.680	0.5	PASS
11AX40SISO	Ant0	2422	35.040	2404.480	2439.520	0.5	PASS
		2437	36.000	2419.560	2455.560	0.5	PASS
		2452	35.120	2434.480	2469.600	0.5	PASS

Test Graphs

11B_Ant0_2412



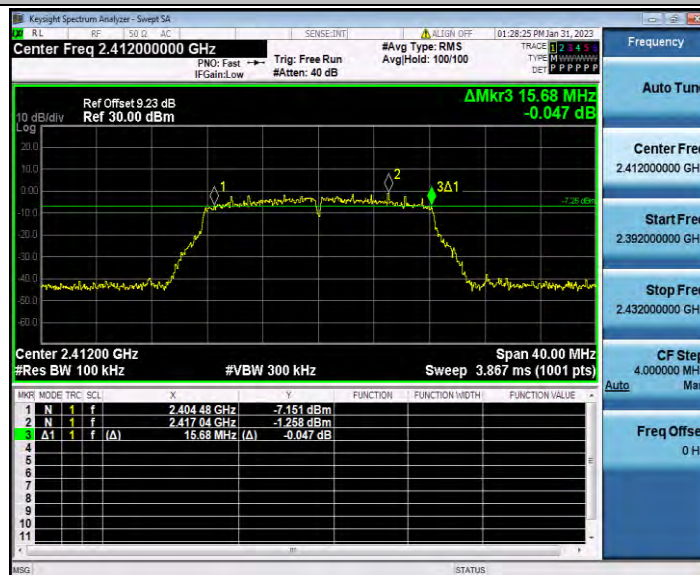
11B_Ant0_2437



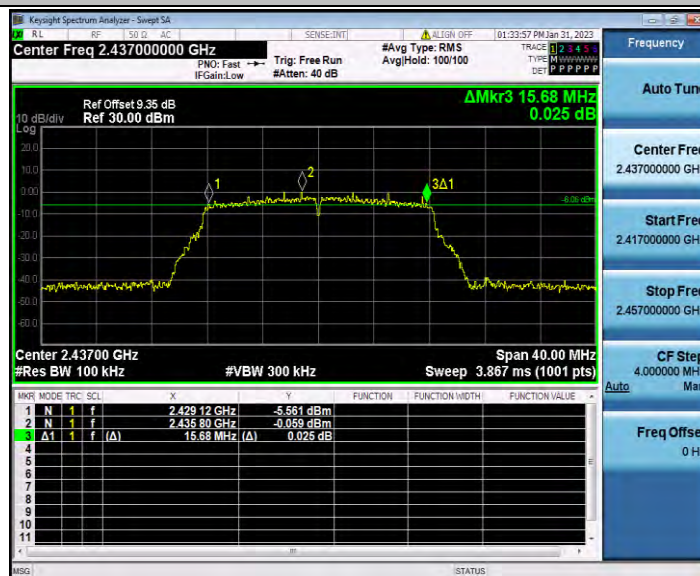
11B_Ant0_2462



11G_Ant0_2412



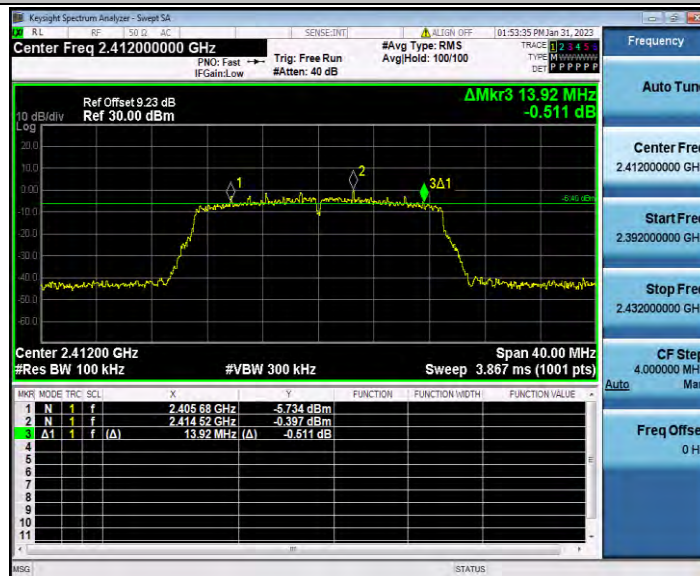
11G_Ant0_2437



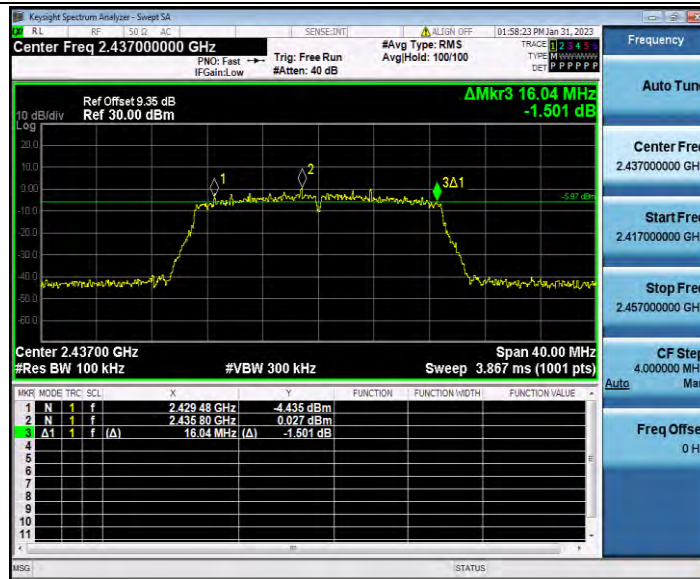
11G_Ant0_2462



11N20SISO_Ant0_2412



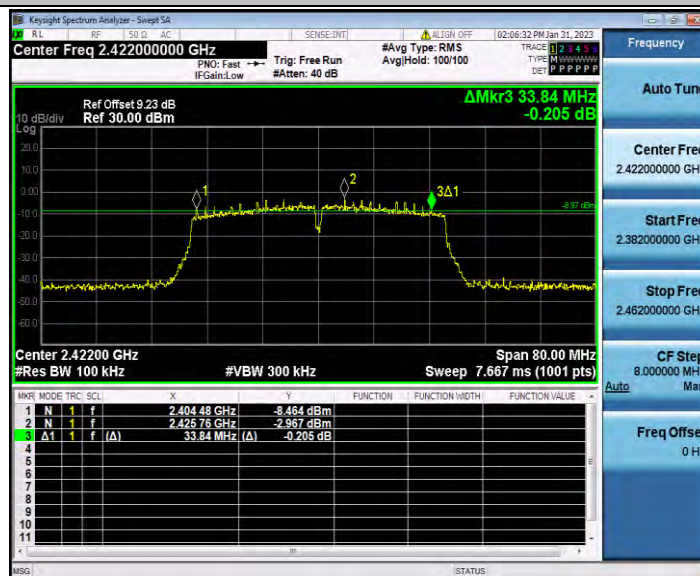
11N20SISO_Ant0_2437



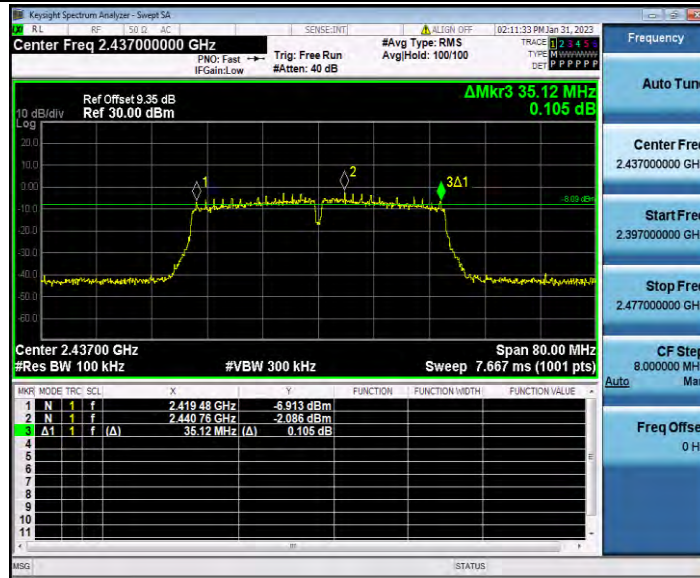
11N20SISO_Ant0_2462



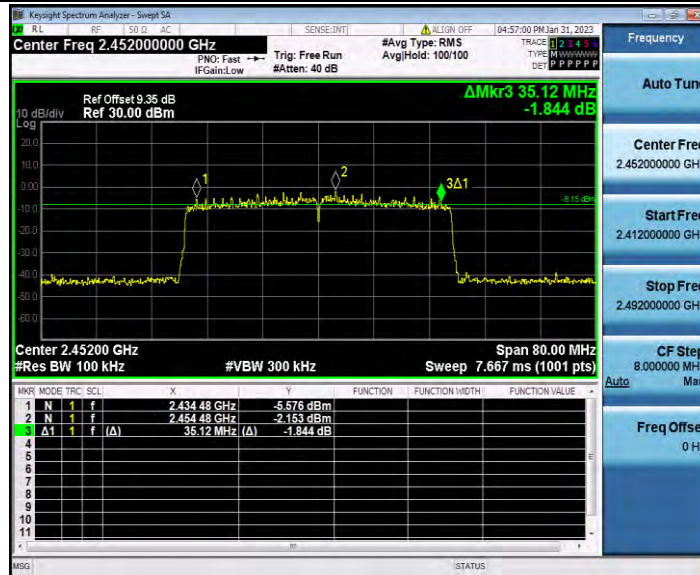
11N40SISO_Ant0_2422



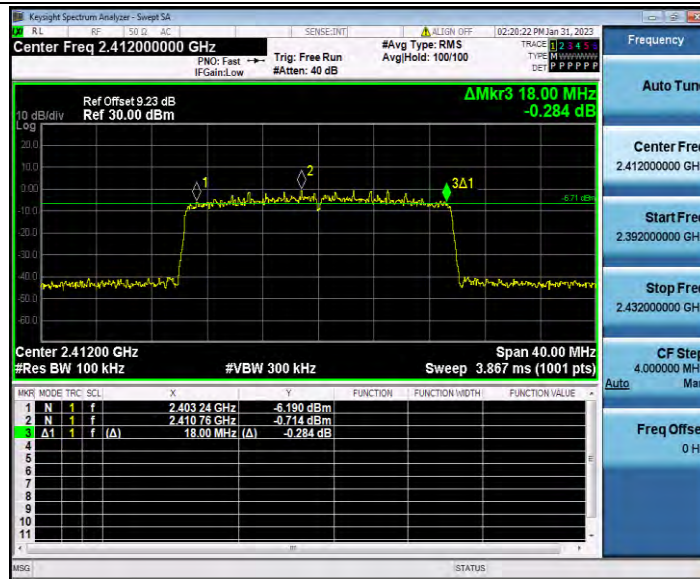
11N40SISO_Ant0_2437



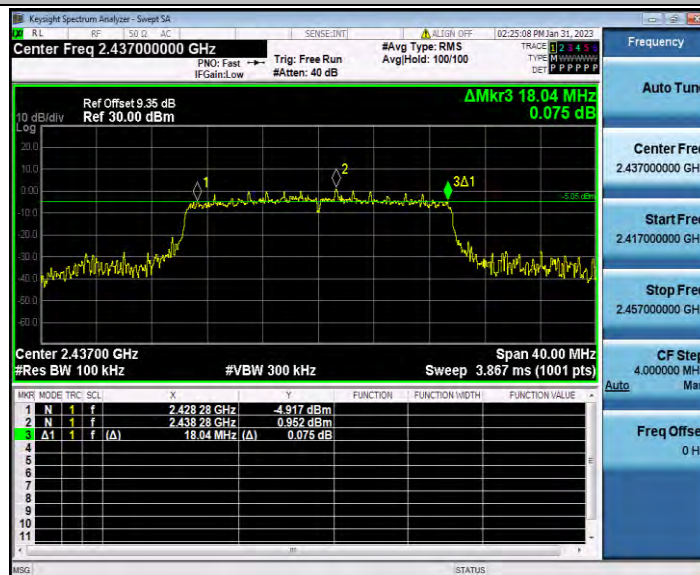
11N40SISO_Ant0_2452



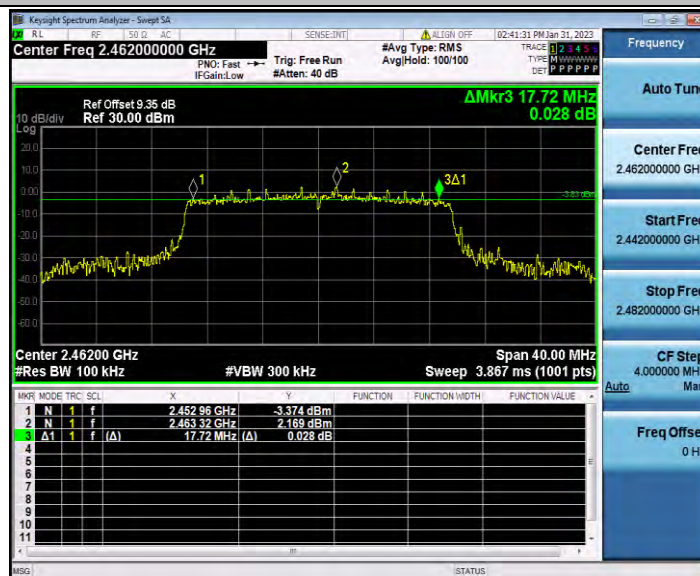
11AX20SISO_Ant0_2412



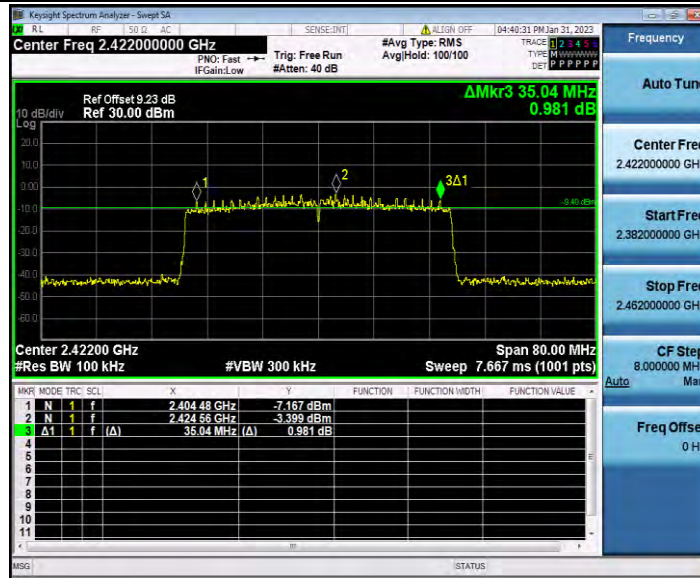
11AX20SISO_Ant0_2437



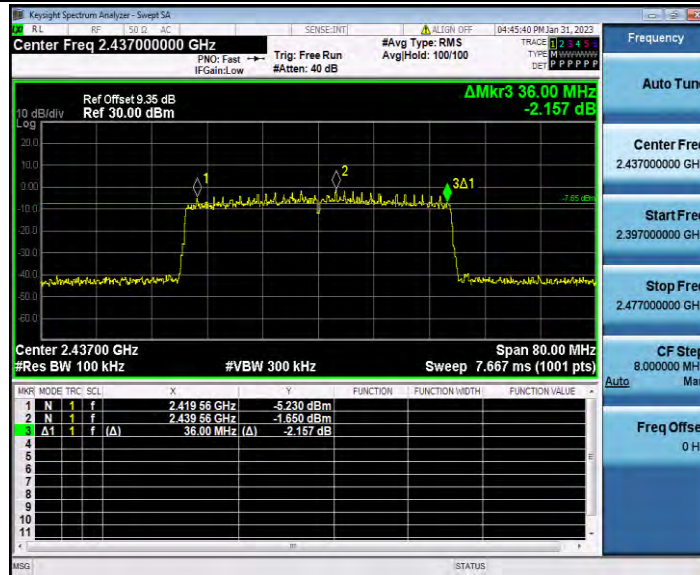
11AX20SISO_Ant0_2462



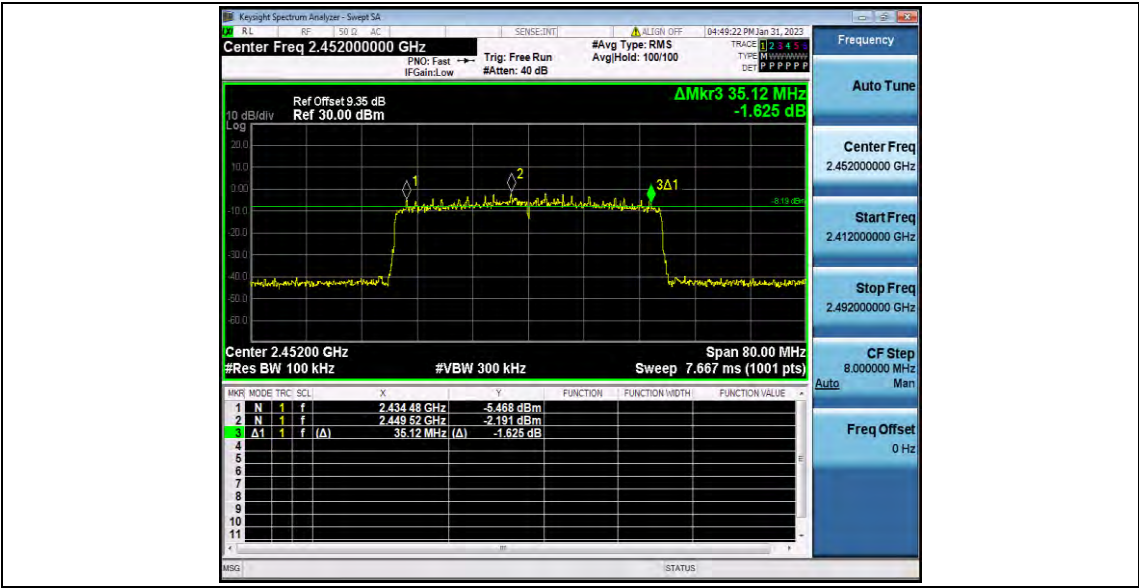
11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



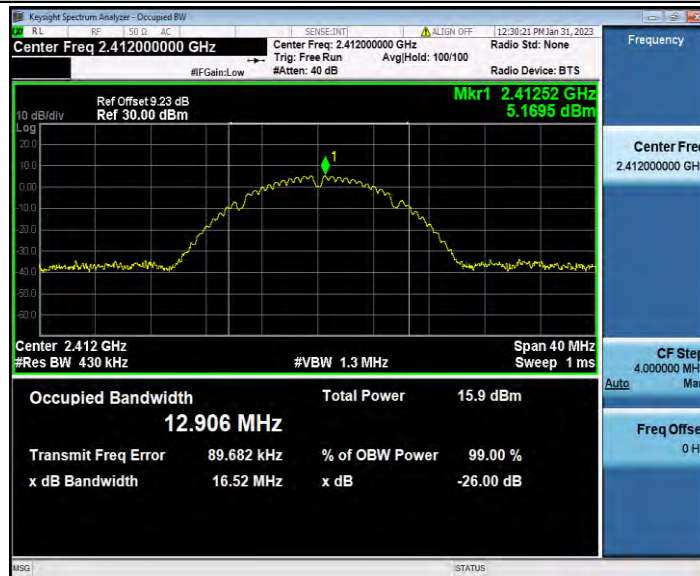
Appendix A.2: Occupied Channel Bandwidth

Test Result

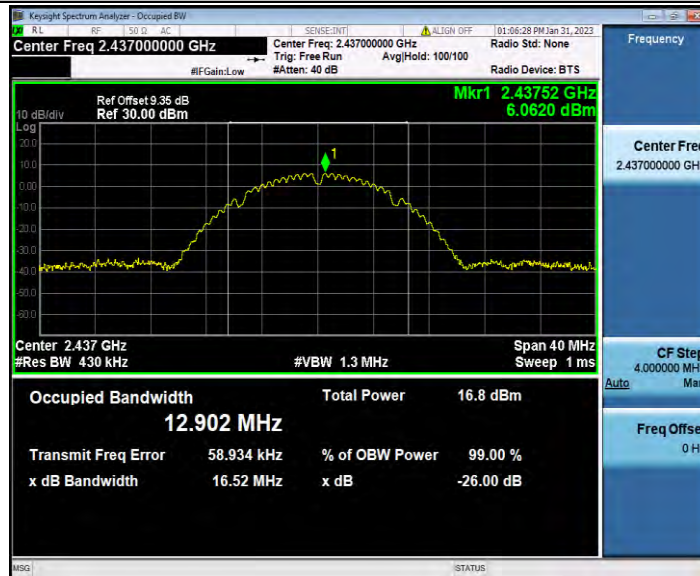
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant0	2412	12.906	2405.637	2418.543	---	---
		2437	12.902	2430.608	2443.510	---	---
		2462	12.821	2455.600	2468.421	---	---
11G	Ant0	2412	16.812	2403.634	2420.446	---	---
		2437	16.778	2428.666	2445.444	---	---
		2462	16.798	2453.614	2470.412	---	---
11N20SISO	Ant0	2412	17.781	2403.182	2420.963	---	---
		2437	17.775	2428.143	2445.918	---	---
		2462	17.817	2453.107	2470.924	---	---
11N40SISO	Ant0	2422	36.029	2404.061	2440.090	---	---
		2437	36.066	2419.076	2455.142	---	---
		2452	37.469	2433.329	2470.798	---	---
11AX20SISO	Ant0	2412	18.942	2402.577	2421.519	---	---
		2437	19.114	2427.487	2446.601	---	---
		2462	19.027	2452.525	2471.552	---	---
11AX40SISO	Ant0	2422	37.594	2403.254	2440.848	---	---
		2437	37.560	2418.315	2455.875	---	---
		2452	37.634	2433.225	2470.859	---	---

Test Graphs

11B_Ant0_2412



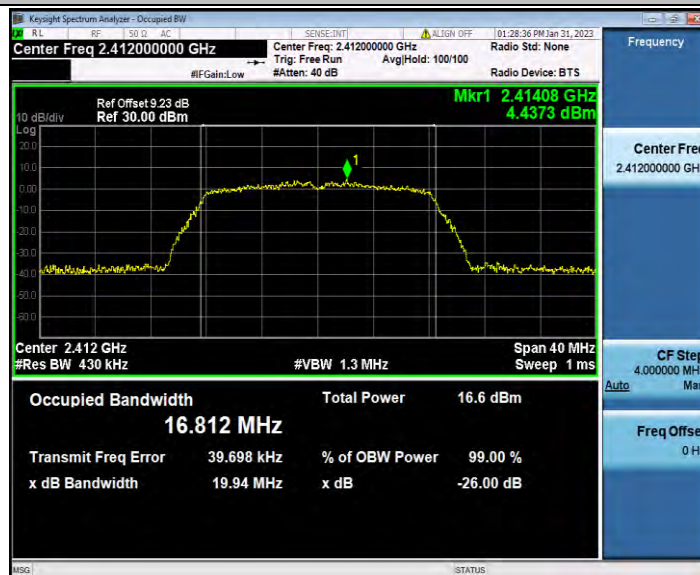
11B_Ant0_2437



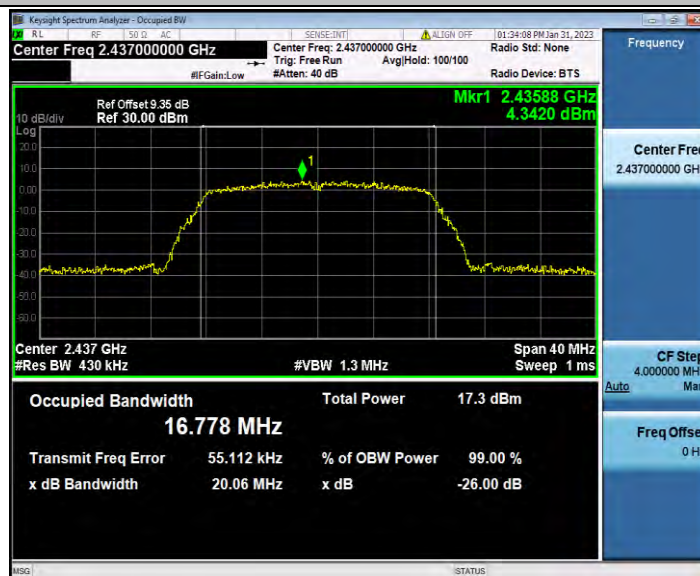
11B_Ant0_2462



11G_Ant0_2412



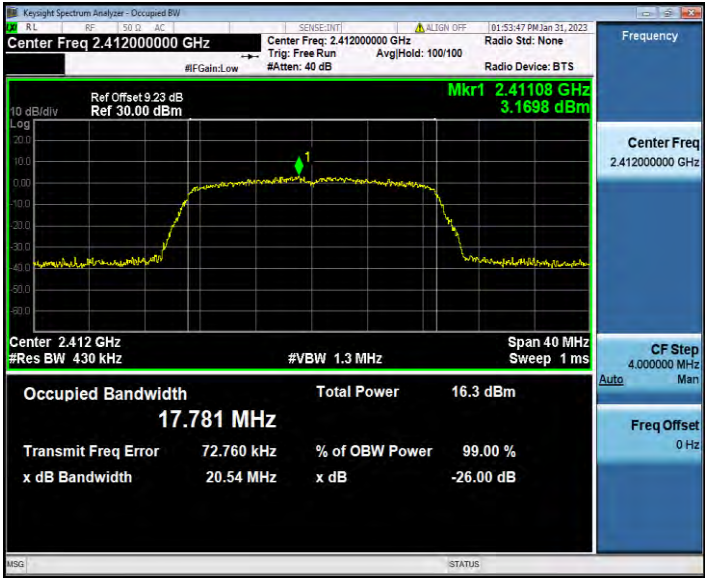
11G_Ant0_2437



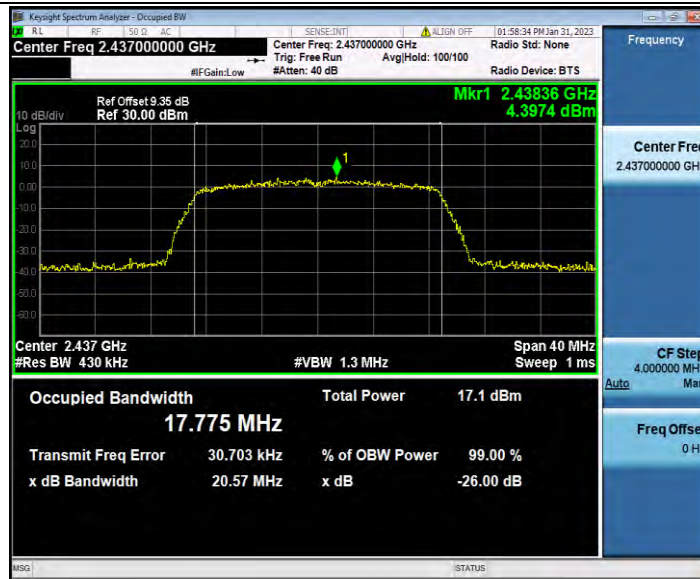
11G_Ant0_2462



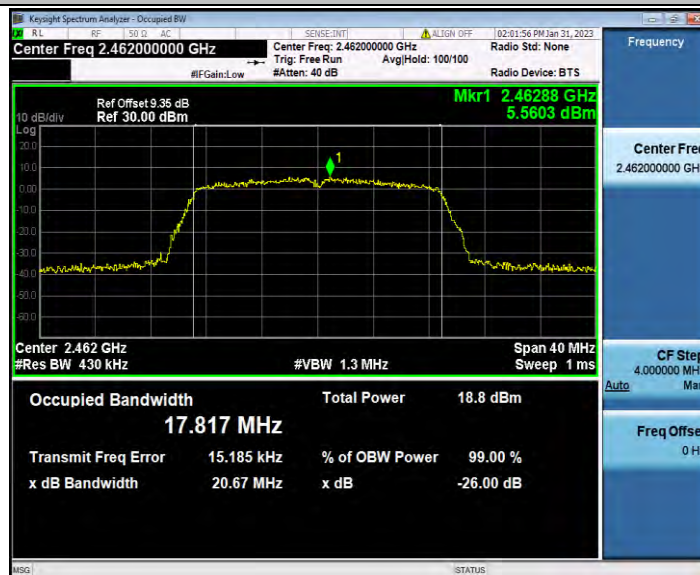
11N20SISO_Ant0_2412



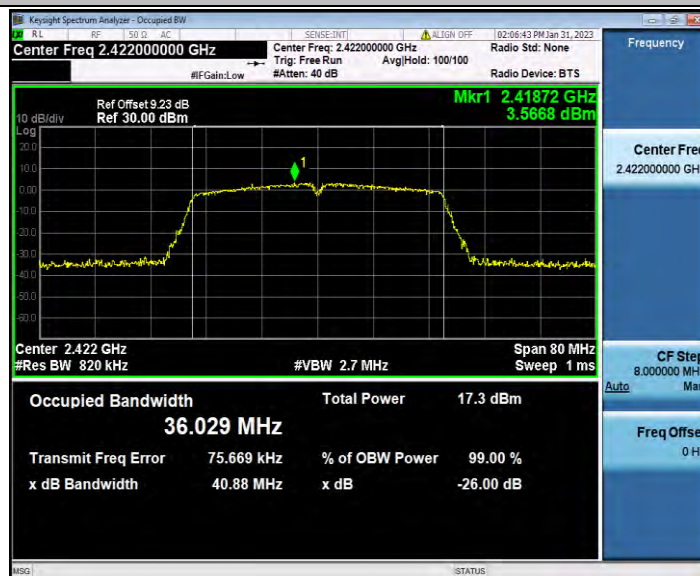
11N20SISO_Ant0_2437



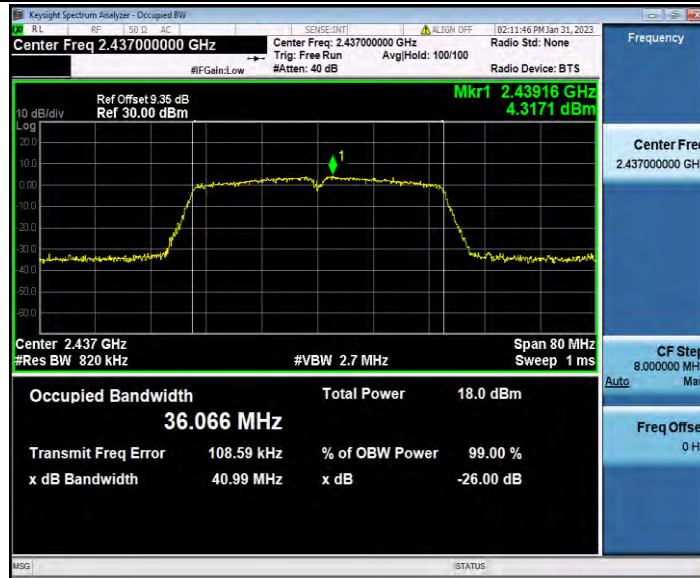
11N20SISO_Ant0_2462



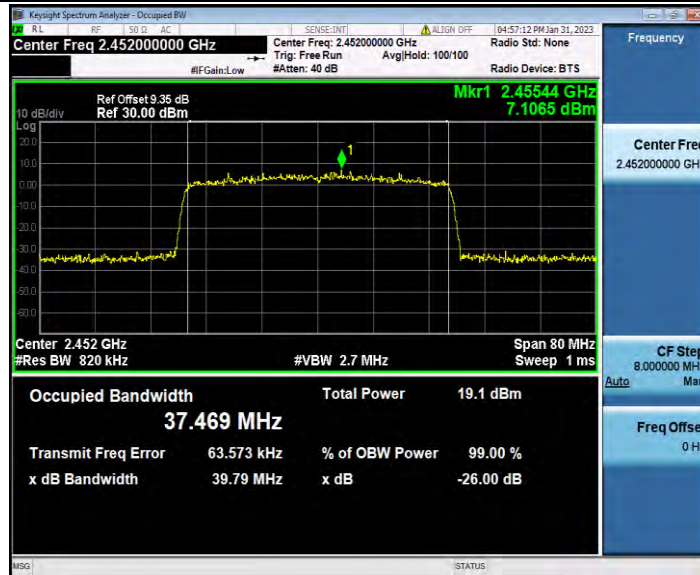
11N40SISO_Ant0_2422



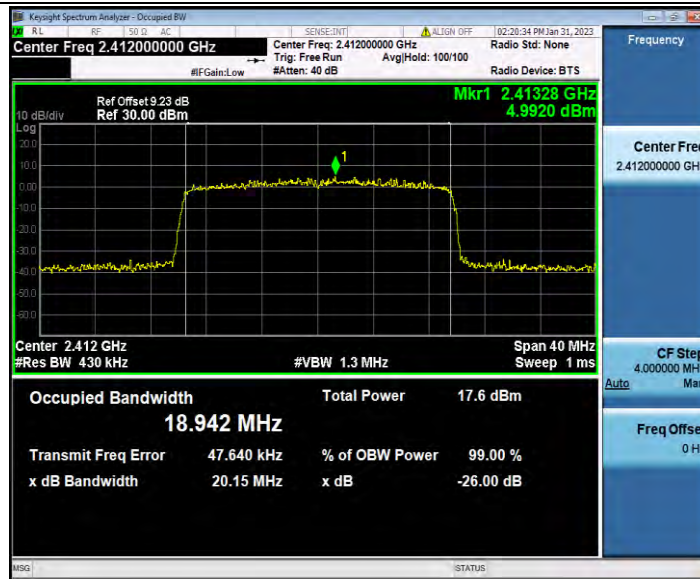
11N40SISO_Ant0_2437



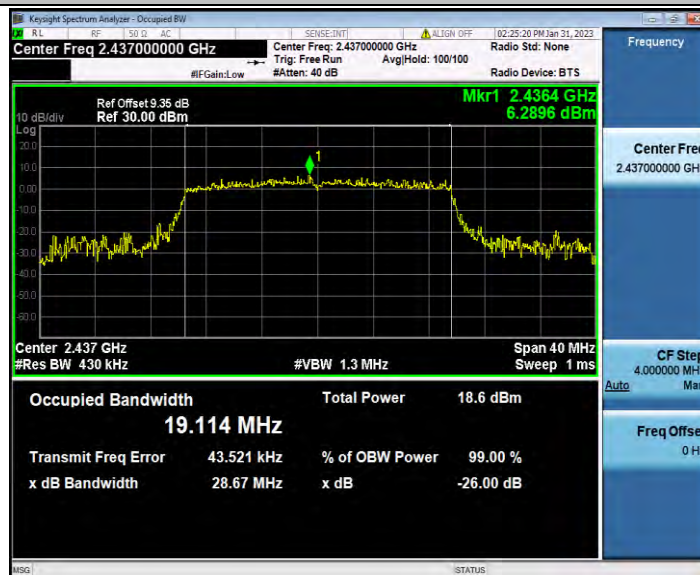
11N40SISO_Ant0_2452



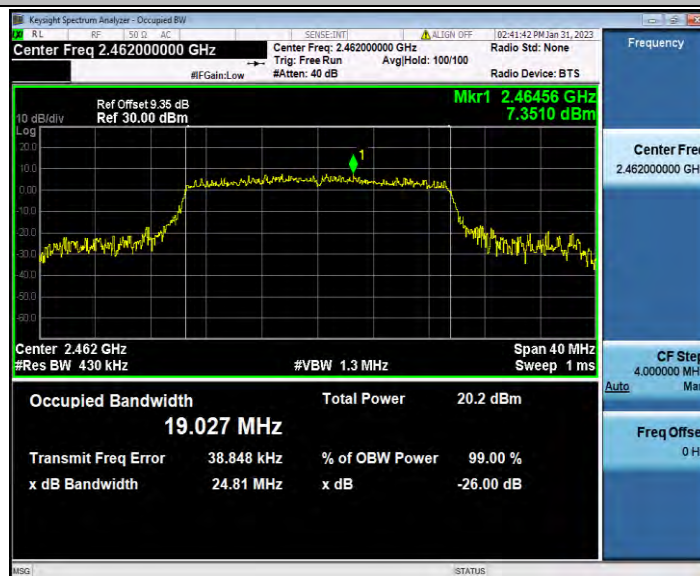
11AX20SISO_Ant0_2412



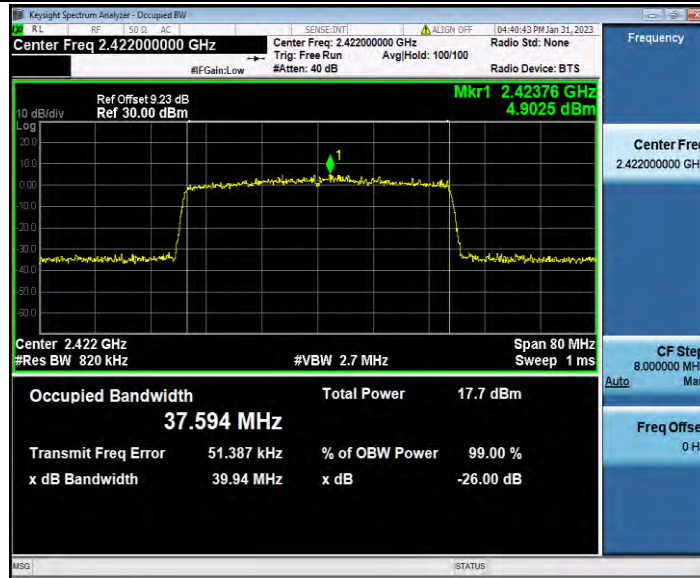
11AX20SISO_Ant0_2437



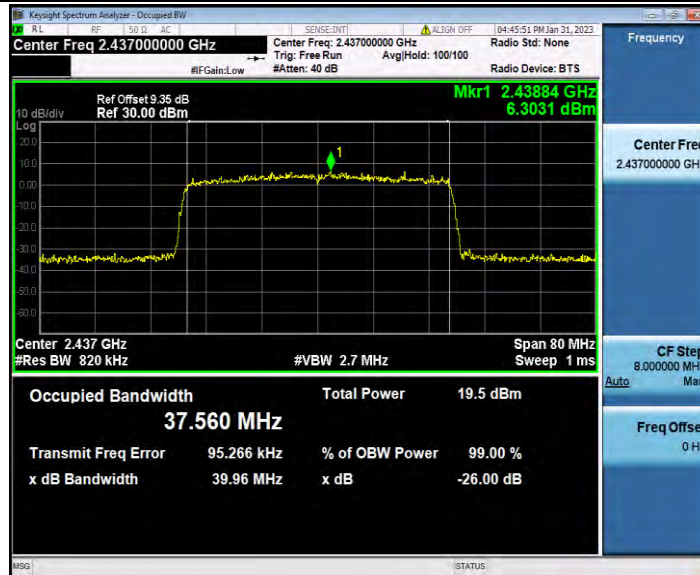
11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452



Appendix A.3: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant0	2412	15.90	≤30.00	PASS
		2437	16.90	≤30.00	PASS
		2462	18.66	≤30.00	PASS
11G	Ant0	2412	17.76	≤30.00	PASS
		2437	18.54	≤30.00	PASS
		2462	20.17	≤30.00	PASS
11N20SISO	Ant0	2412	17.50	≤30.00	PASS
		2437	18.40	≤30.00	PASS
		2462	20.01	≤30.00	PASS
11N40SISO	Ant0	2422	17.60	≤30.00	PASS
		2437	18.40	≤30.00	PASS
		2452	19.24	≤30.00	PASS
11AX20SISO	Ant0	2412	18.50	≤30.00	PASS
		2437	19.26	≤30.00	PASS
		2462	20.93	≤30.00	PASS
11AX40SISO	Ant0	2422	17.93	≤30.00	PASS
		2437	19.74	≤30.00	PASS
		2452	19.02	≤30.00	PASS

Appendix A.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant0	2412	-9.85	≤8.00	PASS
		2437	-8.8	≤8.00	PASS
		2462	-7.01	≤8.00	PASS
11G	Ant0	2412	-13.58	≤8.00	PASS
		2437	-12.27	≤8.00	PASS
		2462	-11.72	≤8.00	PASS
11N20SISO	Ant0	2412	-14.37	≤8.00	PASS
		2437	-13.09	≤8.00	PASS
		2462	-11.76	≤8.00	PASS
11N40SISO	Ant0	2422	-16.89	≤8.00	PASS
		2437	-16.04	≤8.00	PASS
		2452	-17.12	≤8.00	PASS
11AX20SISO	Ant0	2412	-14.99	≤8.00	PASS
		2437	-14.82	≤8.00	PASS
		2462	-13.02	≤8.00	PASS
11AX40SISO	Ant0	2422	-18.39	≤8.00	PASS
		2437	-16.65	≤8.00	PASS
		2452	-18.05	≤8.00	PASS

Test Graphs

11B_Ant0_2412



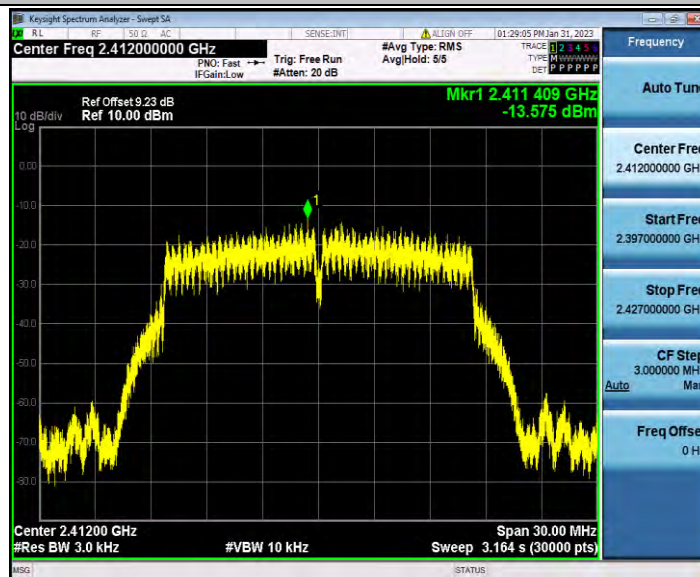
11B_Ant0_2437



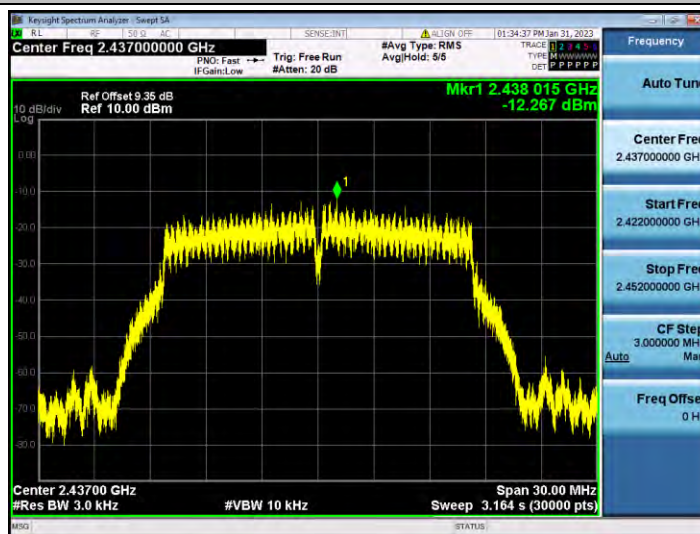
11B_Ant0_2462



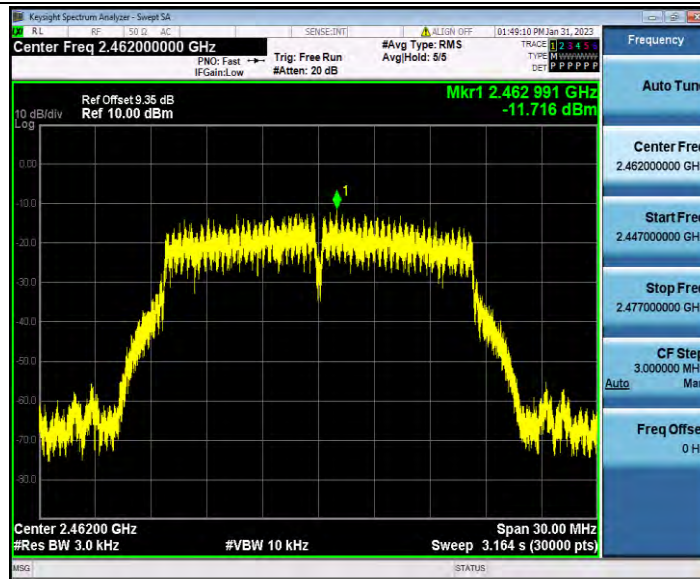
11G_Ant0_2412



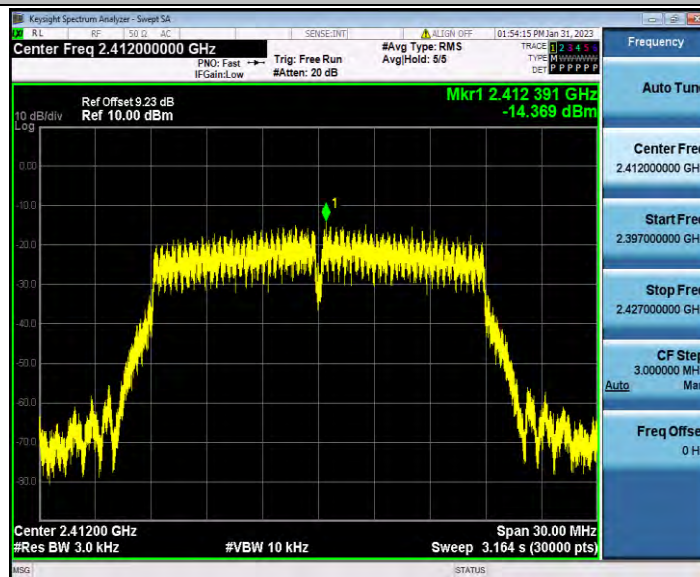
11G_Ant0_2437



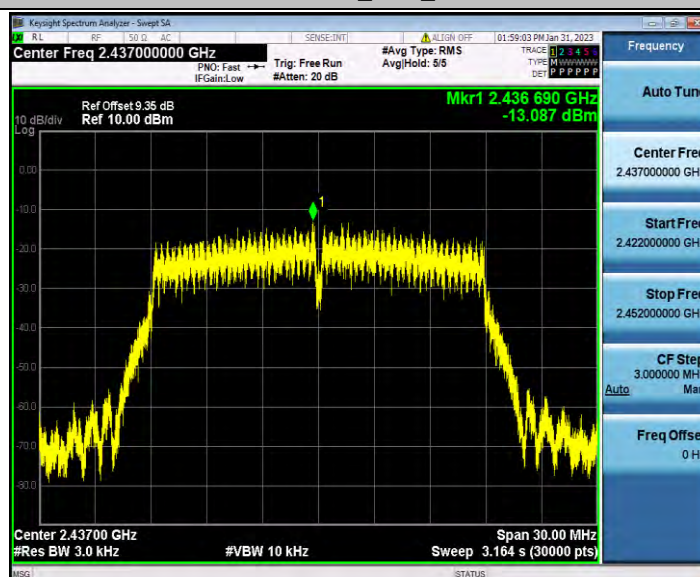
11G_Ant0_2462



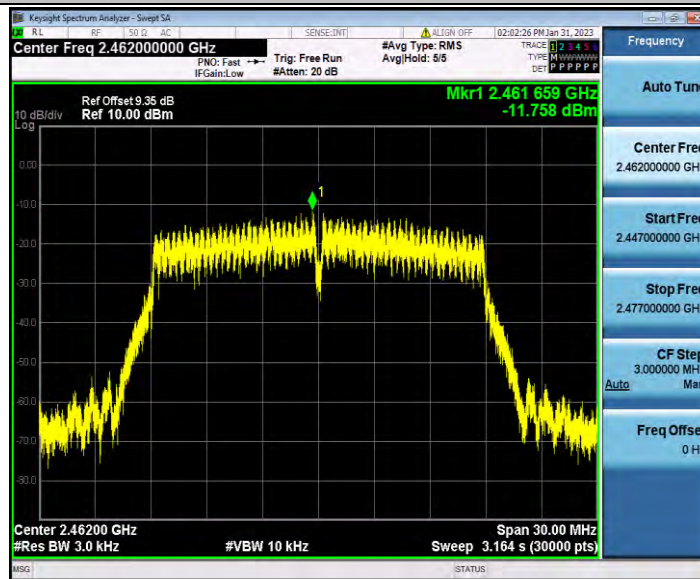
11N20SISO_Ant0_2412



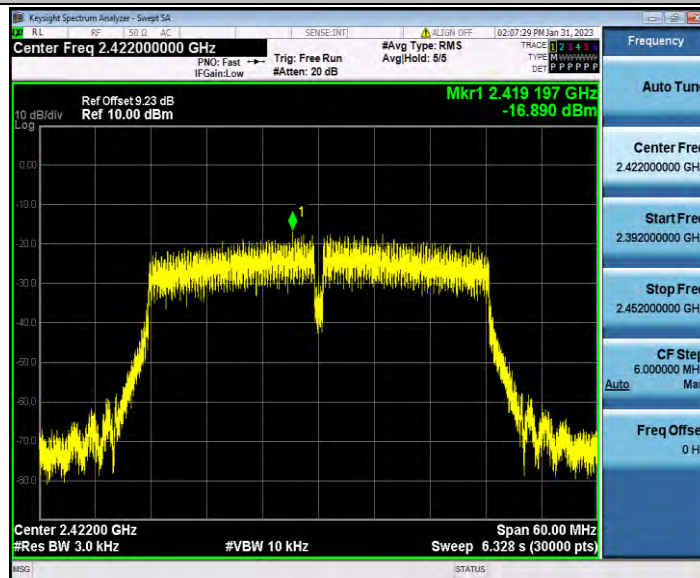
11N20SISO_Ant0_2437



11N20SISO_Ant0_2462



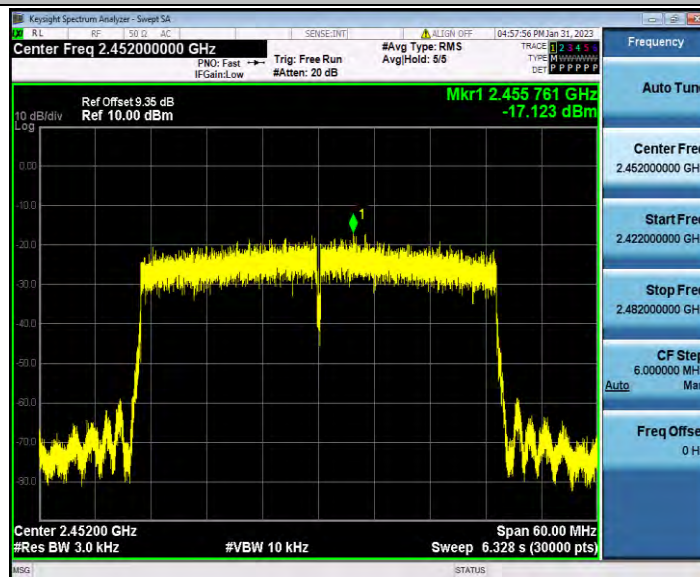
11N40SISO_Ant0_2422



11N40SISO_Ant0_2437



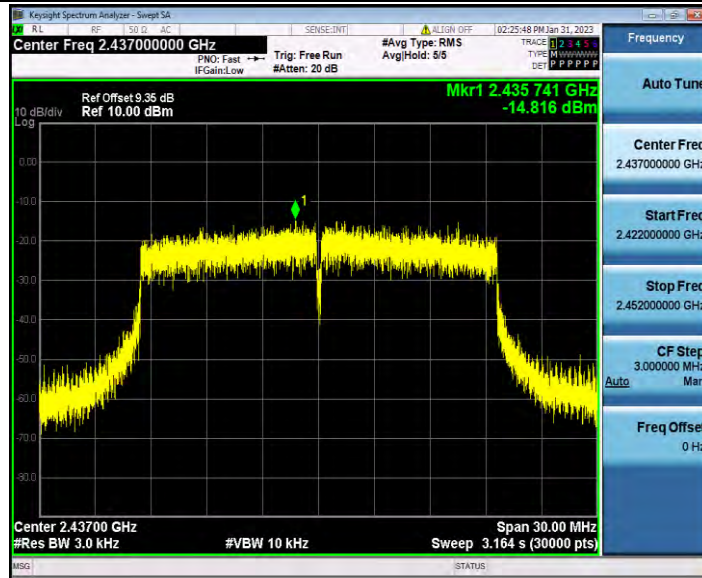
11N40SISO_Ant0_2452



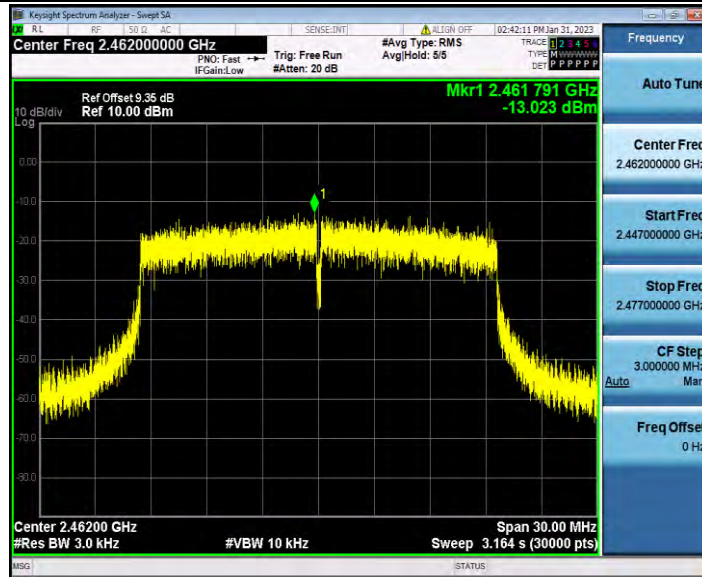
11AX20SISO_Ant0_2412



11AX20SISO_Ant0_2437



11AX20SISO_Ant0_2462



11AX40SISO_Ant0_2422



11AX40SISO_Ant0_2437



11AX40SISO_Ant0_2452

