

Case No. : GTS20220629010-1-3	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.7.12	Test Engineer: Jenny zeng

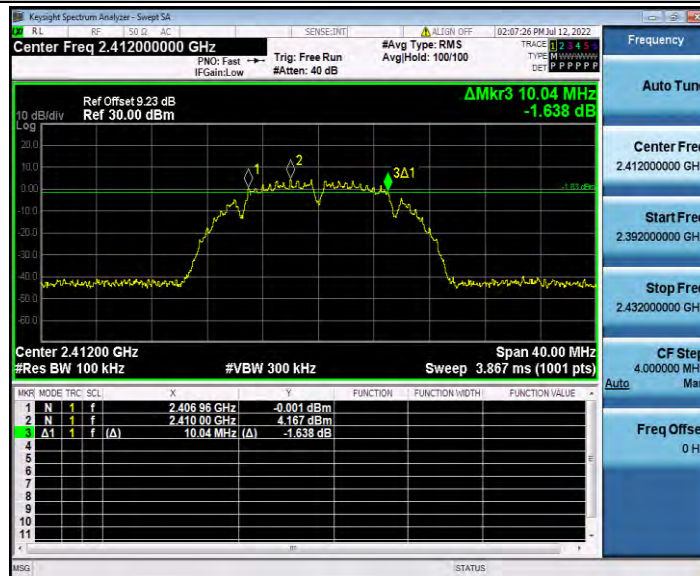
Appendix C.1: DTS Bandwidth

Test Result

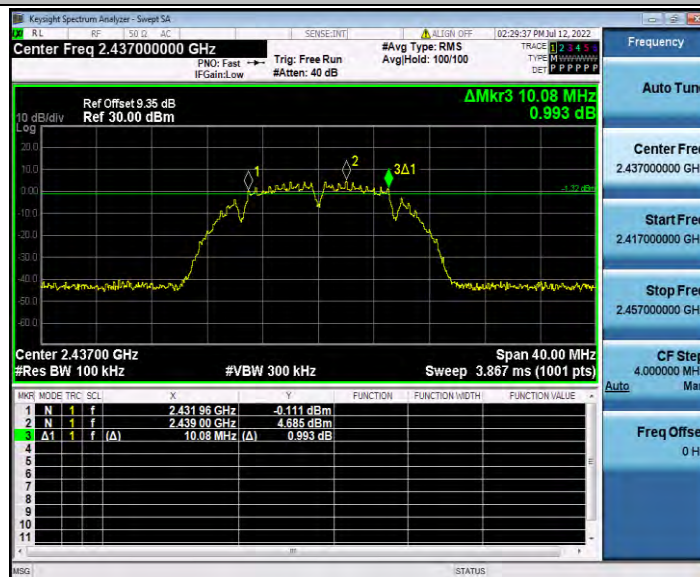
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.040	2406.960	2417.000	0.5	PASS
		2437	10.080	2431.960	2442.040	0.5	PASS
		2462	10.120	2456.960	2467.080	0.5	PASS
11G	Ant1	2412	15.240	2404.240	2419.480	0.5	PASS
		2437	12.840	2430.680	2443.520	0.5	PASS
		2462	11.440	2456.000	2467.440	0.5	PASS
11N20SISO	Ant1	2412	17.600	2403.200	2420.800	0.5	PASS
		2437	13.880	2431.000	2444.880	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	27.360	2408.640	2436.000	0.5	PASS
		2437	35.280	2419.480	2454.760	0.5	PASS
		2452	30.000	2436.960	2466.960	0.5	PASS
11AX20SISO	Ant1	2412	18.760	2402.640	2421.400	0.5	PASS
		2437	15.080	2429.480	2444.560	0.5	PASS
		2462	18.840	2452.600	2471.440	0.5	PASS
11AX40SISO	Ant1	2422	33.520	2405.760	2439.280	0.5	PASS
		2437	36.000	2419.160	2455.160	0.5	PASS
		2452	36.480	2434.320	2470.800	0.5	PASS

Test Graphs

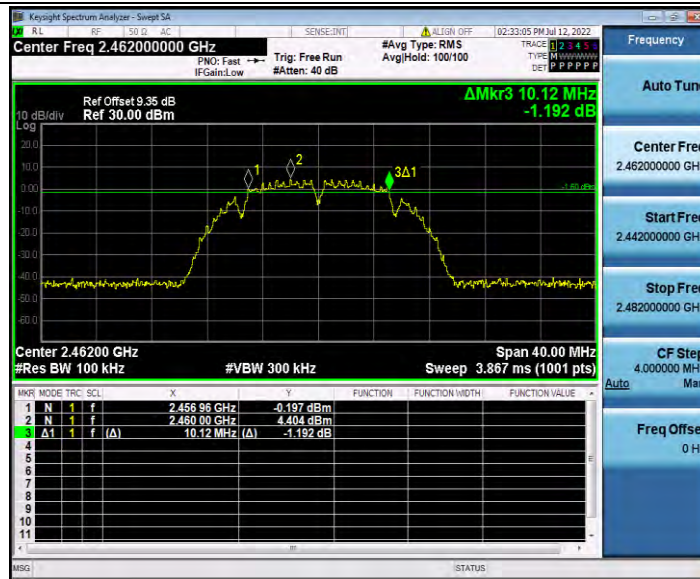
11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



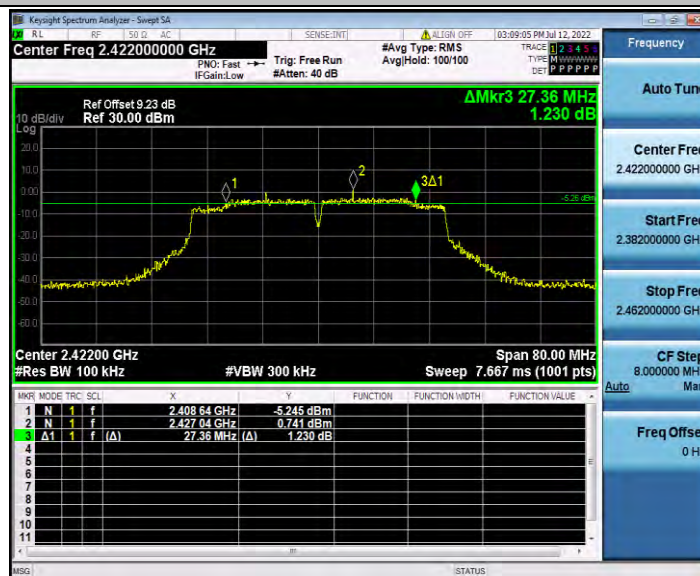
11N20SISO_Ant1_2437



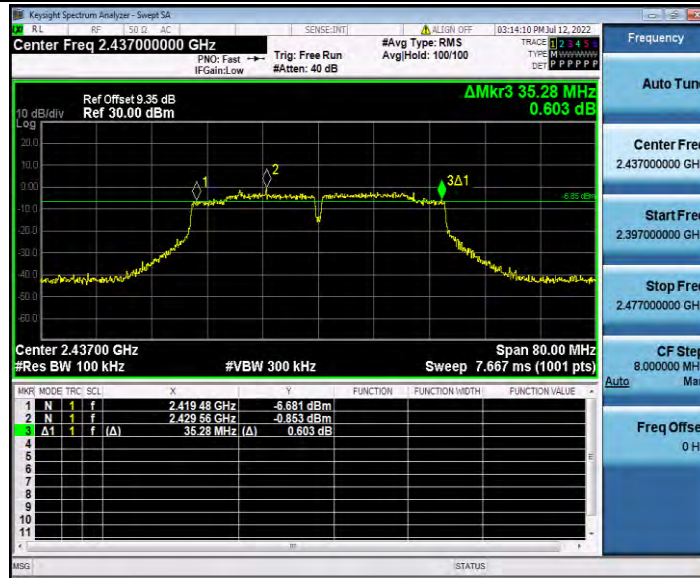
11N20SISO_Ant1_2462



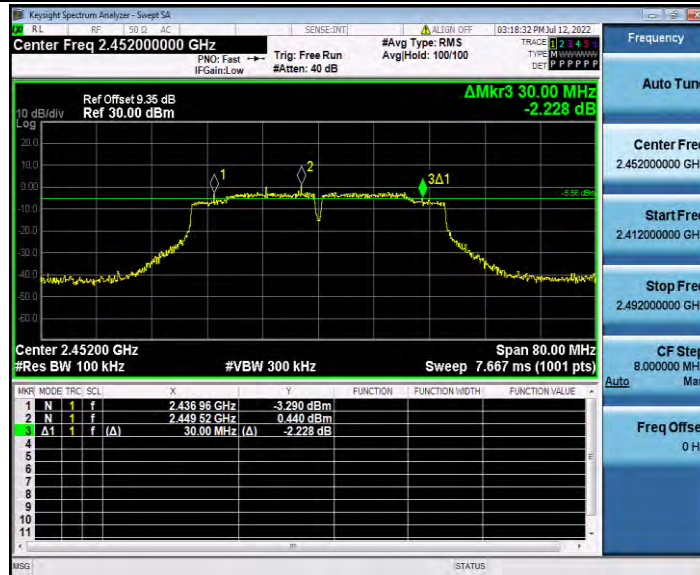
11N40SISO_Ant1_2422



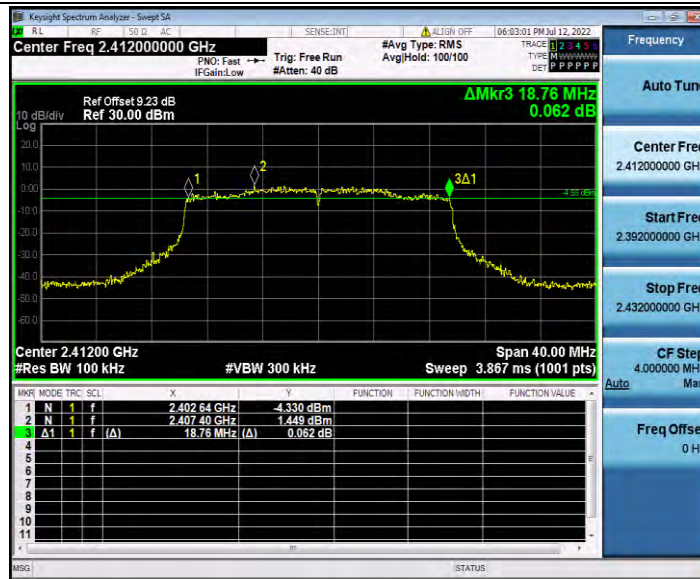
11N40SISO_Ant1_2437



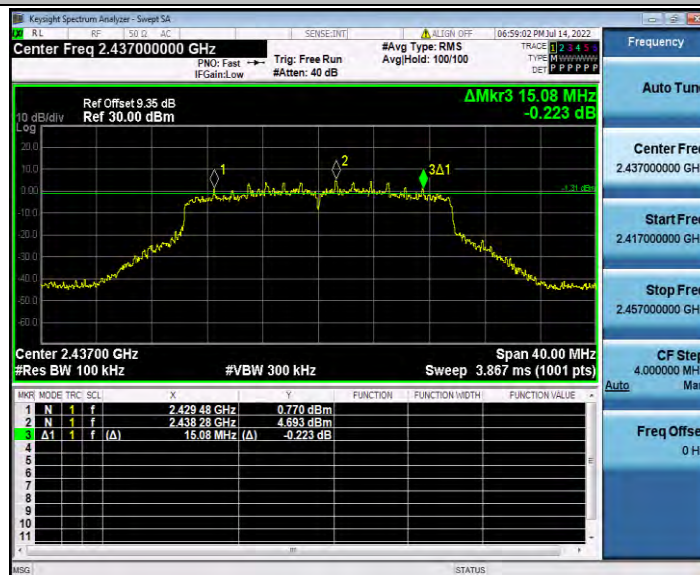
11N40SISO_Ant1_2452



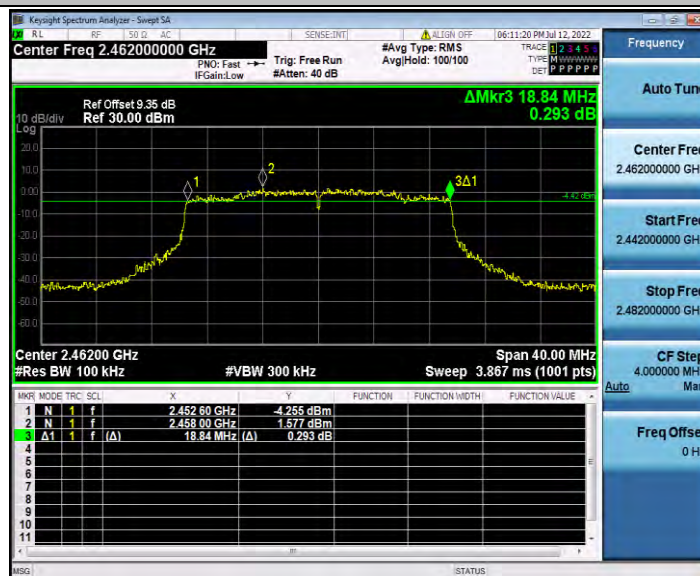
11AX20SISO_Ant1_2412



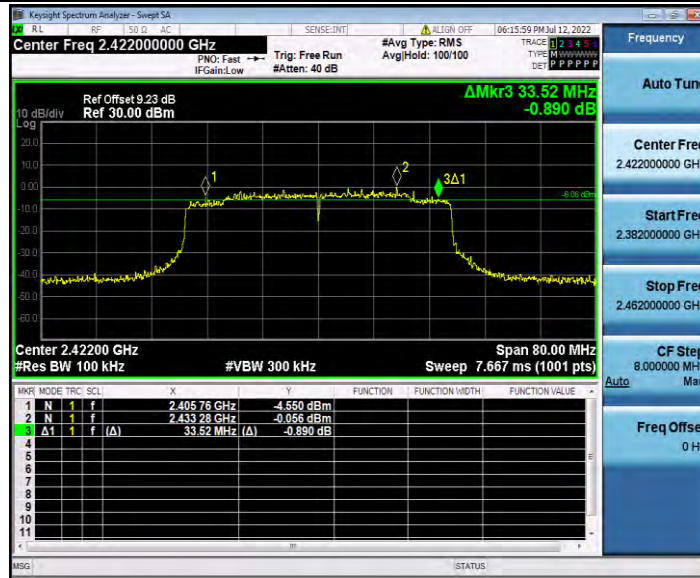
11AX20SISO_Ant1_2437



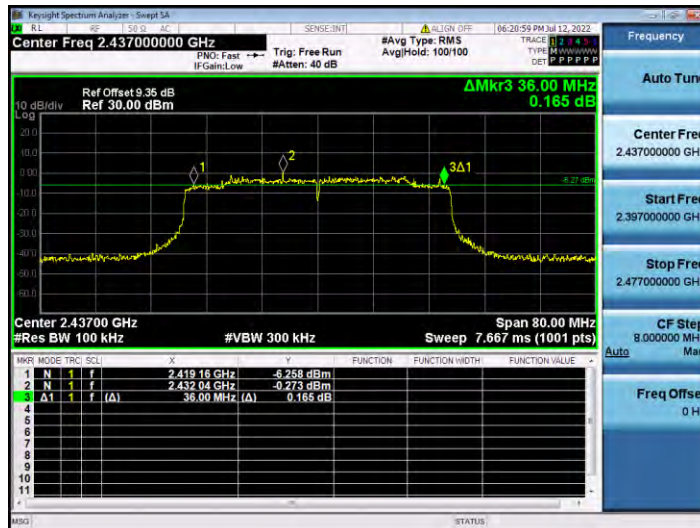
11AX20SISO_Ant1_2462



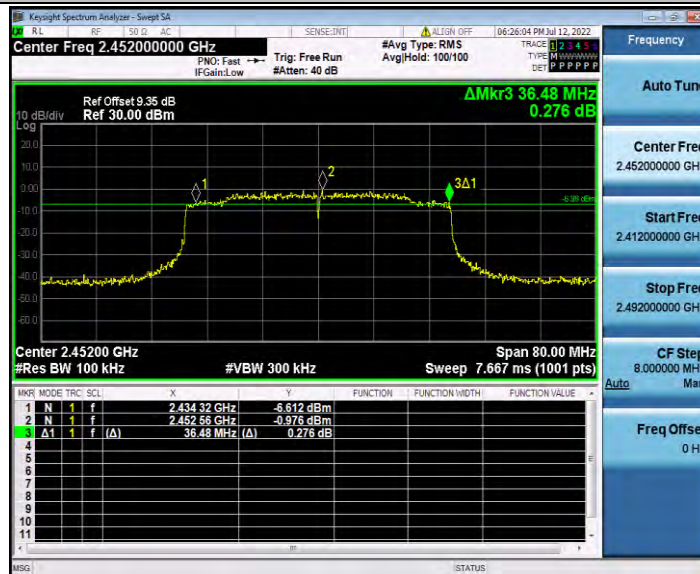
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



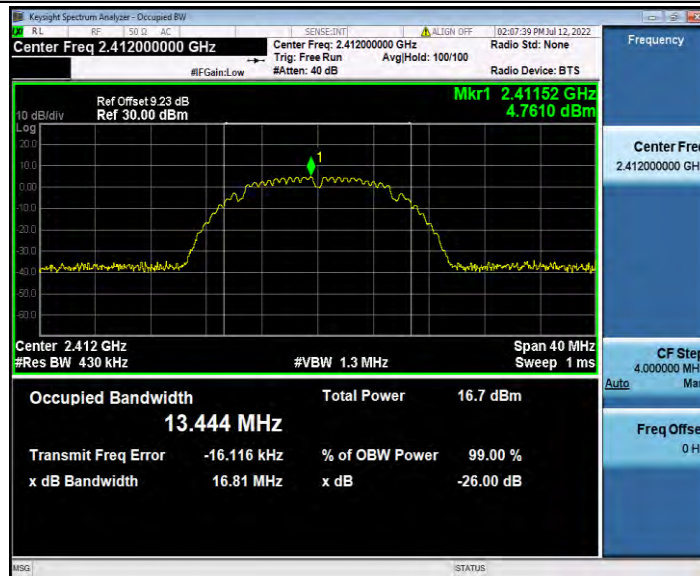
Appendix C.2: Occupied Channel Bandwidth

Test Result

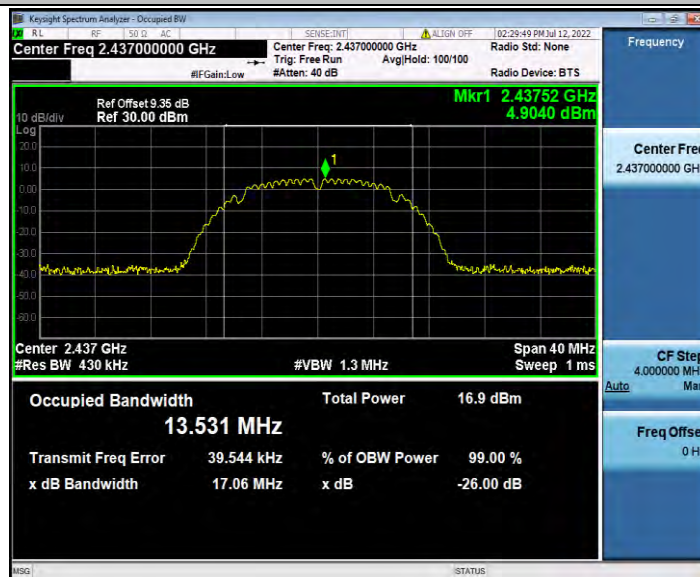
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.444	2405.262	2418.706	---	---
		2437	13.531	2430.274	2443.805	---	---
		2462	13.460	2455.285	2468.745	---	---
11G	Ant1	2412	16.944	2403.528	2420.472	---	---
		2437	16.957	2428.555	2445.512	---	---
		2462	16.847	2453.604	2470.451	---	---
11N20SISO	Ant1	2412	17.896	2403.046	2420.942	---	---
		2437	18.003	2428.016	2446.019	---	---
		2462	17.981	2453.003	2470.984	---	---
11N40SISO	Ant1	2422	36.148	2404.088	2440.236	---	---
		2437	36.173	2418.998	2455.171	---	---
		2452	36.070	2433.987	2470.057	---	---
11AX20SISO	Ant1	2412	18.899	2402.559	2421.458	---	---
		2437	18.969	2427.547	2446.516	---	---
		2462	18.862	2452.579	2471.441	---	---
11AX40SISO	Ant1	2422	37.481	2403.397	2440.878	---	---
		2437	37.572	2418.279	2455.851	---	---
		2452	37.464	2433.284	2470.748	---	---

Test Graphs

11B_Ant1_2412



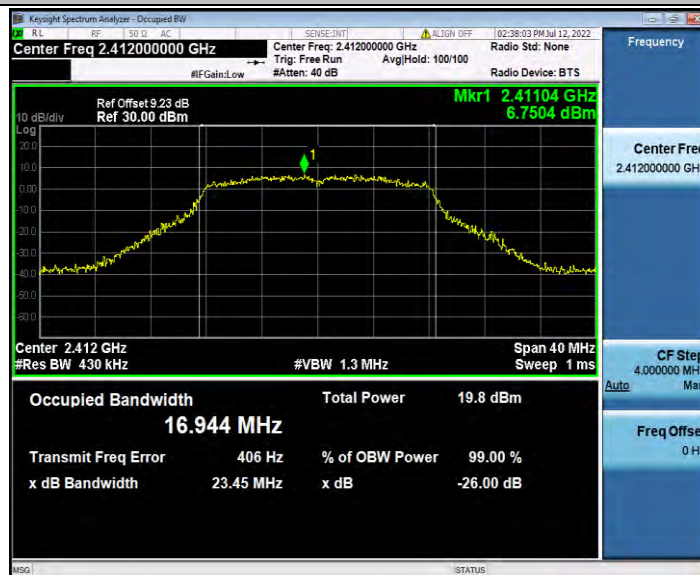
11B_Ant1_2437



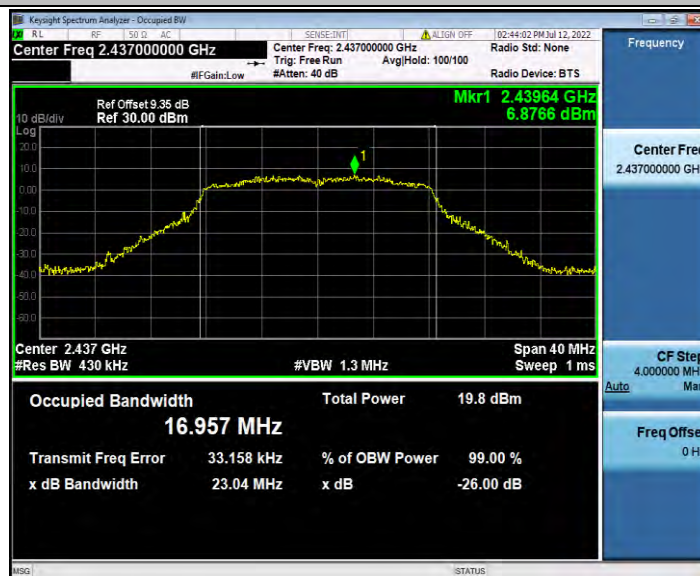
11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



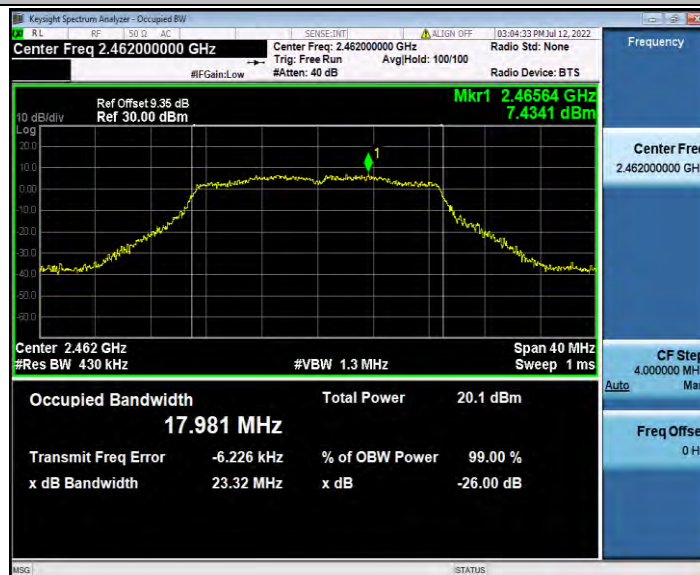
11N20SISO_Ant1_2412



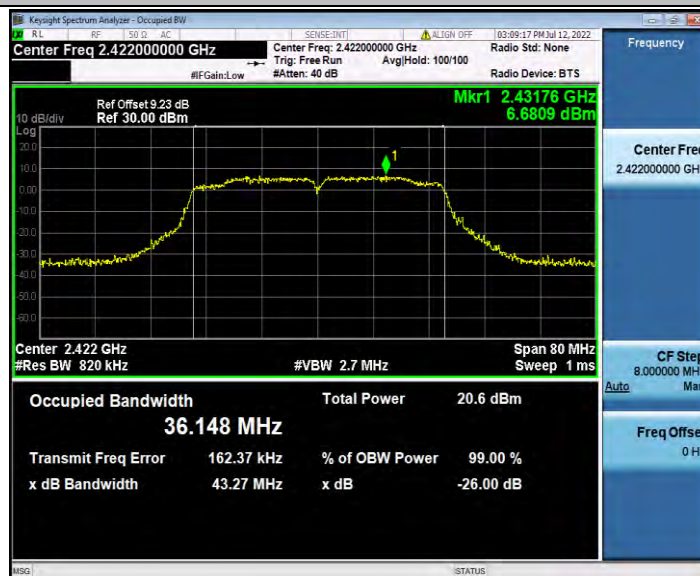
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



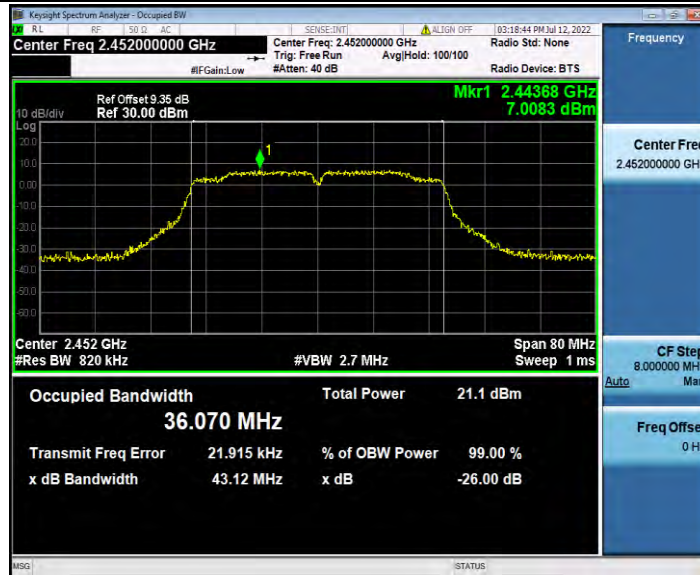
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



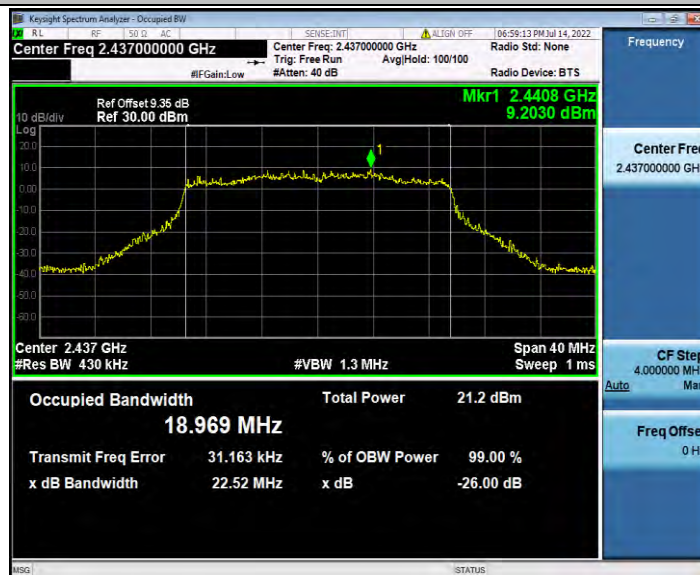
11N40SISO_Ant1_2452



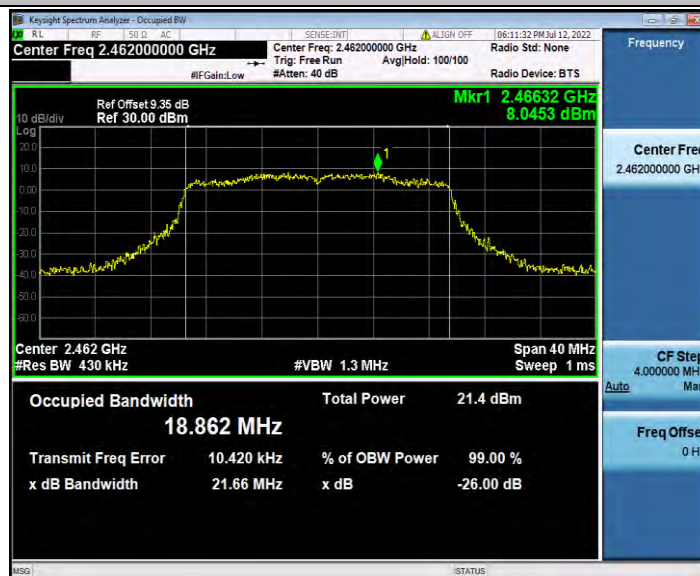
11AX20SISO_Ant1_2412



11AX20SISO_Ant1_2437



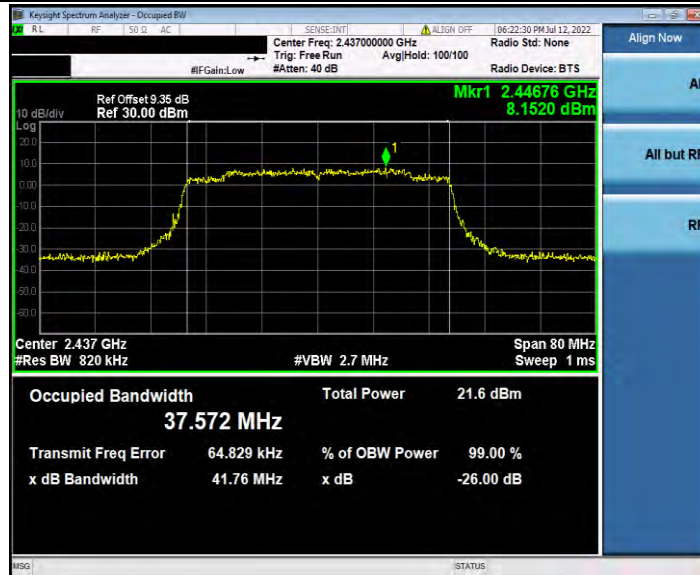
11AX20SISO_Ant1_2462



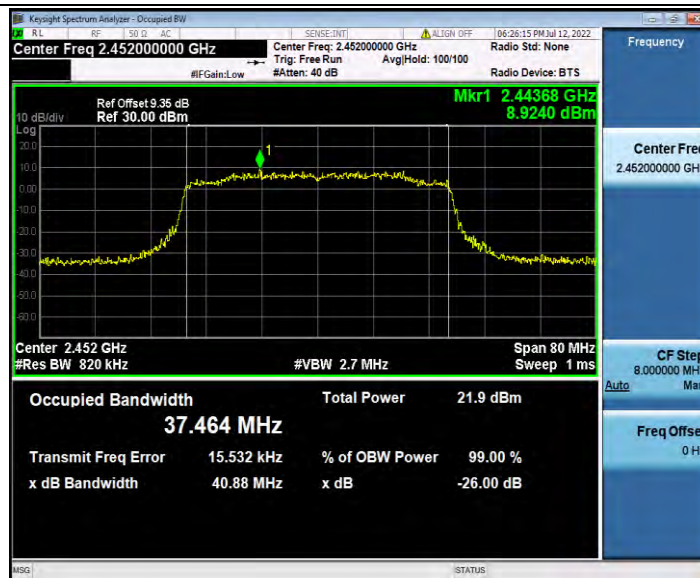
11AX40SISO_Ant1_2422



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	16.85	≤30.00	PASS
		2437	16.96	≤30.00	PASS
		2462	17.26	≤30.00	PASS
11G	Ant1	2412	20.73	≤30.00	PASS
		2437	20.93	≤30.00	PASS
		2462	21.37	≤30.00	PASS
11N20SISO	Ant1	2412	20.48	≤30.00	PASS
		2437	20.60	≤30.00	PASS
		2462	21.16	≤30.00	PASS
11N40SISO	Ant1	2422	20.91	≤30.00	PASS
		2437	21.12	≤30.00	PASS
		2452	21.31	≤30.00	PASS
11AX20SISO	Ant1	2412	21.48	≤30.00	PASS
		2437	21.93	≤30.00	PASS
		2462	21.98	≤30.00	PASS
11AX40SISO	Ant1	2422	21.39	≤30.00	PASS
		2437	21.71	≤30.00	PASS
		2452	22.15	≤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	-9.78	≤8.00	PASS
		2437	-9.98	≤8.00	PASS
		2462	-8.84	≤8.00	PASS
11G	Ant1	2412	-10.68	≤8.00	PASS
		2437	-10.28	≤8.00	PASS
		2462	-8.28	≤8.00	PASS
11N20SISO	Ant1	2412	-11.17	≤8.00	PASS
		2437	-12.14	≤8.00	PASS
		2462	-9.07	≤8.00	PASS
11N40SISO	Ant1	2422	-13.38	≤8.00	PASS
		2437	-12.94	≤8.00	PASS
		2452	-12.74	≤8.00	PASS
11AX20SISO	Ant1	2412	-12.31	≤8.00	PASS
		2437	-11.86	≤8.00	PASS
		2462	-11.93	≤8.00	PASS
11AX40SISO	Ant1	2422	-15.09	≤8.00	PASS
		2437	-14.89	≤8.00	PASS
		2452	-14.43	≤8.00	PASS

Test Graphs

11B_Ant1_2412



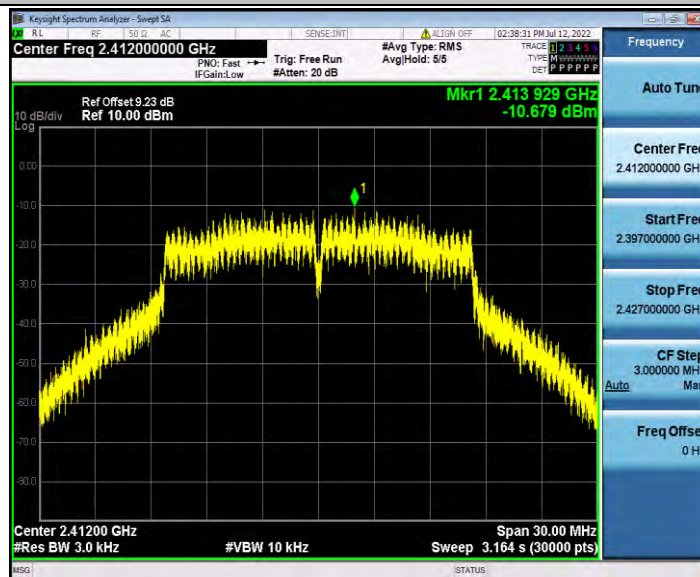
11B_Ant1_2437



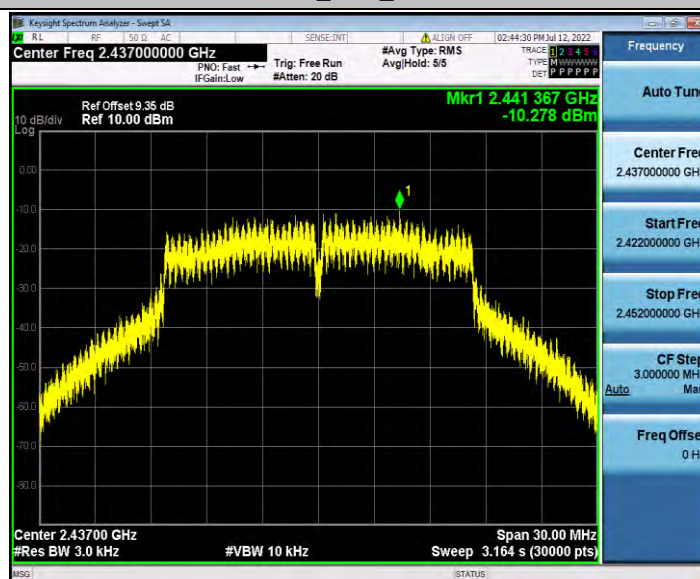
11B_Ant1_2462



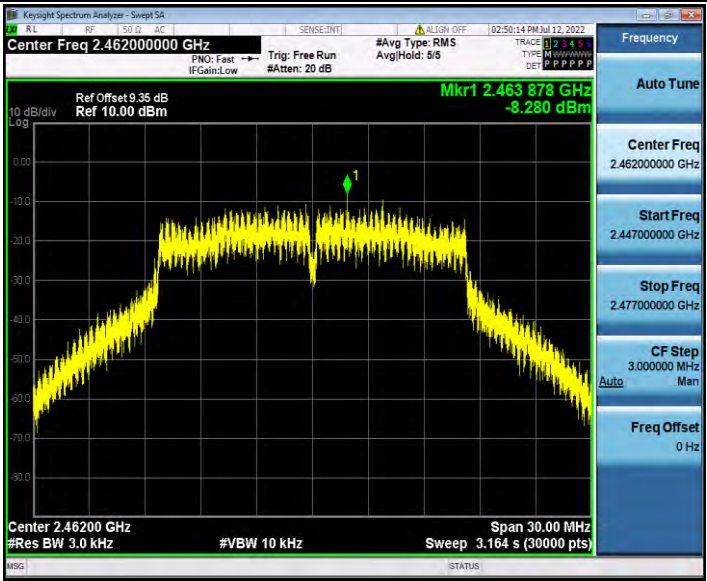
11G_Ant1_2412



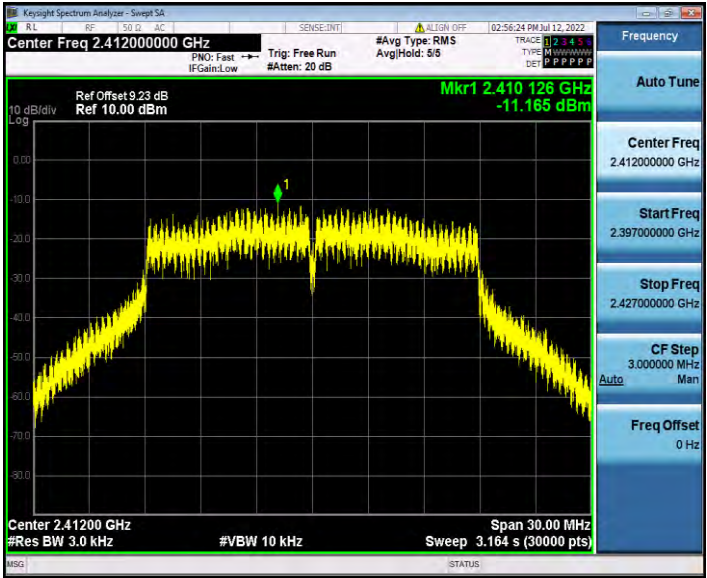
11G_Ant1_2437



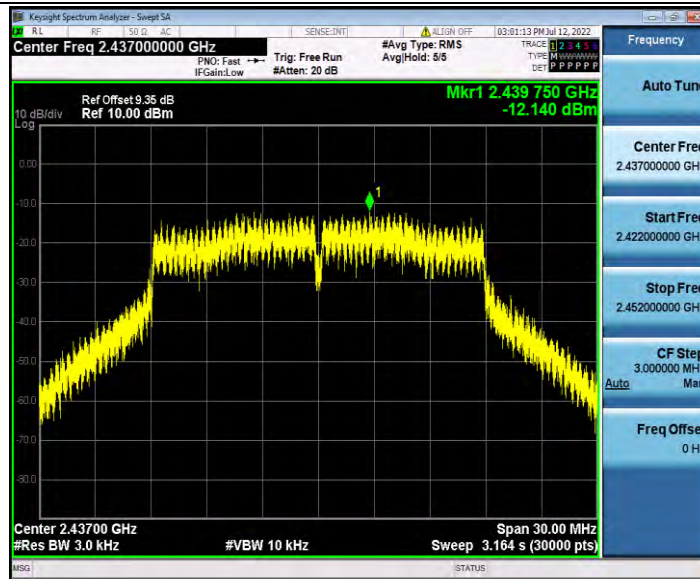
11G_Ant1_2462



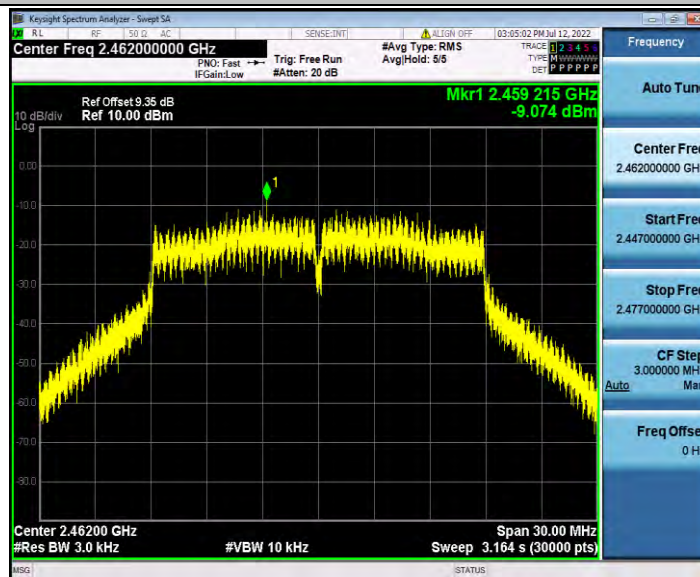
11N20SISO_Ant1_2412



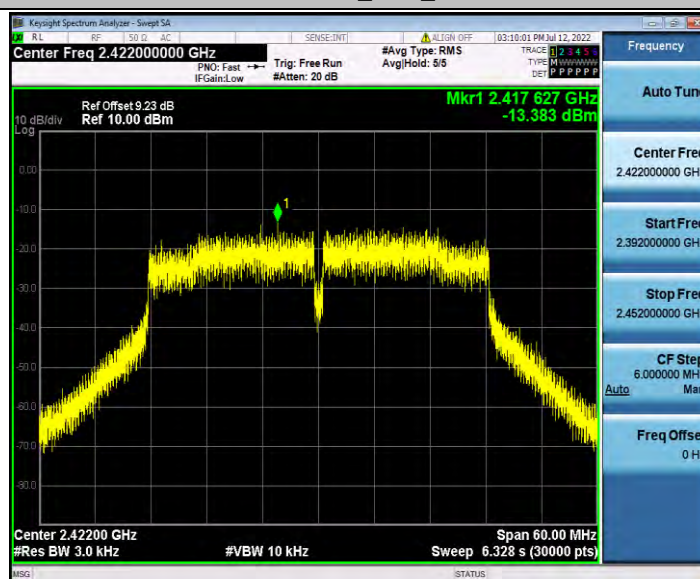
11N20SISO_Ant1_2437



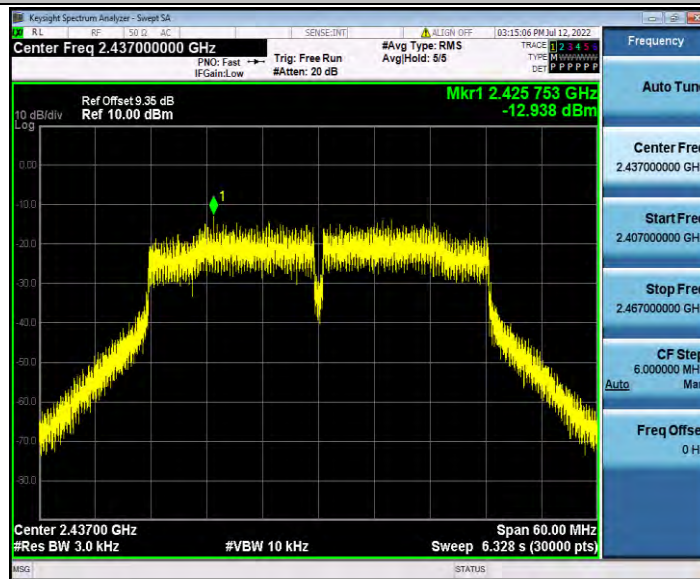
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



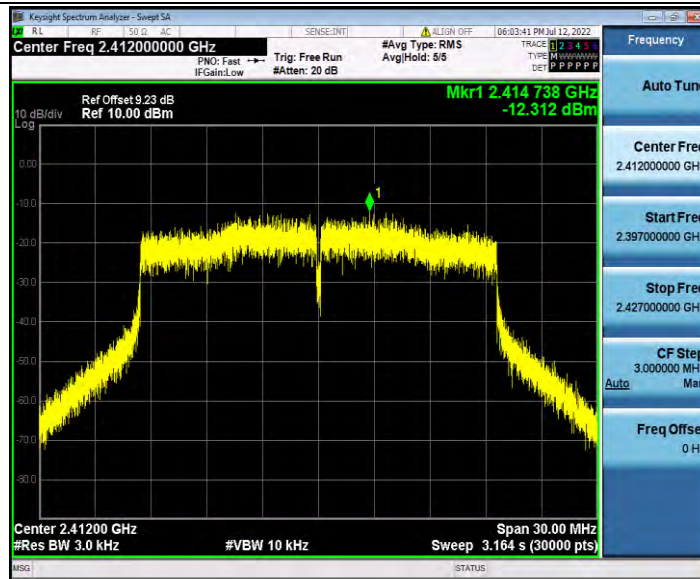
11N40SISO_Ant1_2437



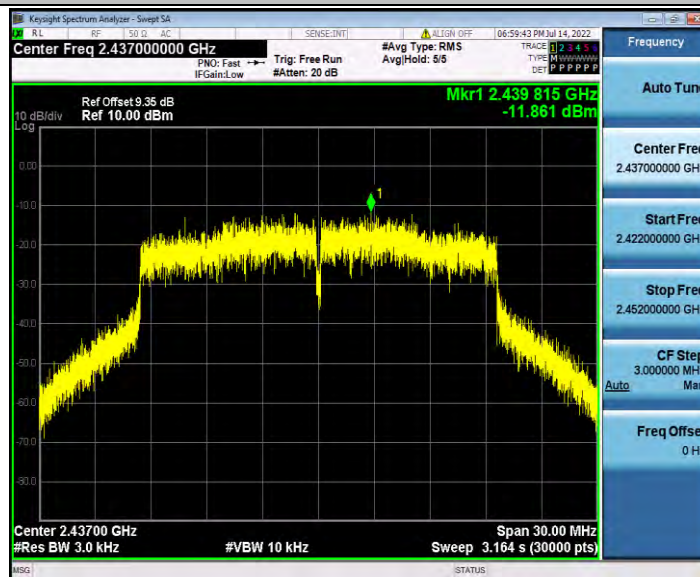
11N40SISO_Ant1_2452



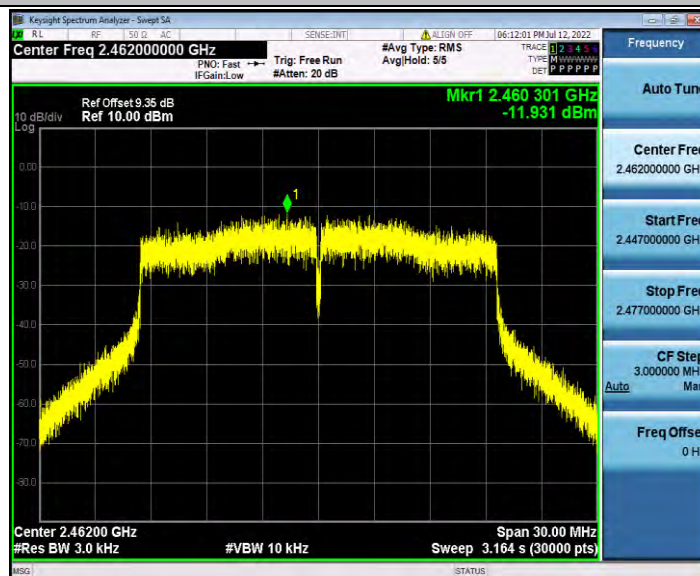
11AX20SISO_Ant1_2412



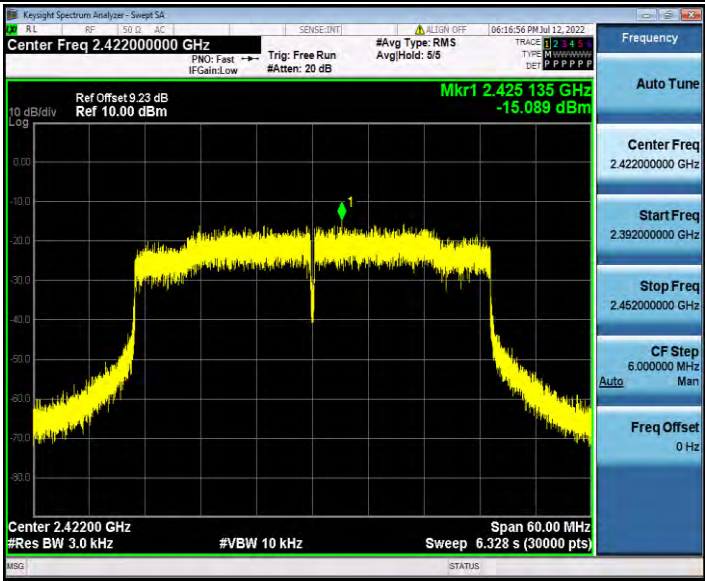
11AX20ISO_Ant1_2437



11AX20ISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

