

Case No. : <u>GTS20221010004-1-4</u>	
Ambient Condition: <u>25</u> °C, <u>45</u> %RH, Atmos100.1Kpa,	
Test Date: <u>2022.10.24</u>	Test Engineer: <u>Jenny zeng</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	7.560	2408.440	2416.000	0.5	PASS
		2437	8.040	2432.960	2441.000	0.5	PASS
		2462	7.600	2457.960	2465.560	0.5	PASS
11G	Ant1	2412	15.000	2404.480	2419.480	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.000	2454.120	2470.120	0.5	PASS
11N20SISO	Ant1	2412	15.360	2404.160	2419.520	0.5	PASS
		2437	17.320	2428.440	2445.760	0.5	PASS
		2462	13.800	2455.680	2469.480	0.5	PASS
11N40SISO	Ant1	2422	34.880	2404.560	2439.440	0.5	PASS
		2437	33.840	2419.480	2453.320	0.5	PASS
		2452	32.640	2435.680	2468.320	0.5	PASS
11AX20SISO	Ant1	2412	16.440	2404.160	2420.600	0.5	PASS
		2437	18.400	2427.840	2446.240	0.5	PASS
		2462	16.200	2453.360	2469.560	0.5	PASS
11AX40SISO	Ant1	2422	35.920	2404.480	2440.400	0.5	PASS
		2437	36.320	2419.480	2455.800	0.5	PASS
		2452	36.400	2434.400	2470.800	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



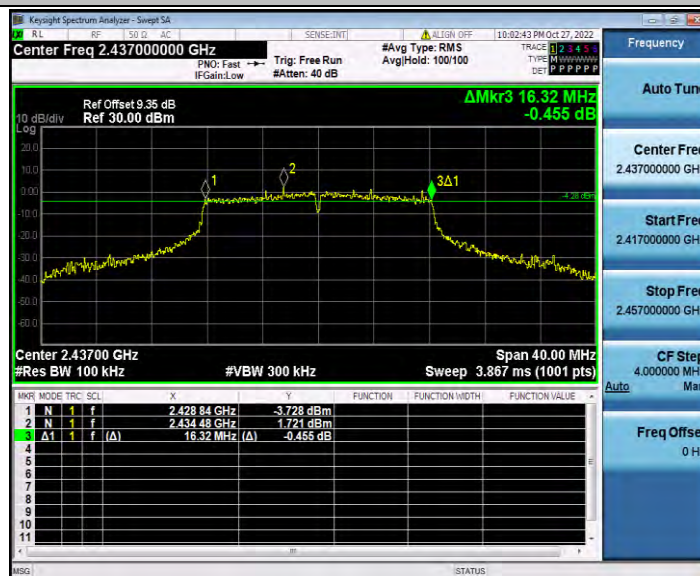
11B_Ant1_2462



11G_Ant1_2412



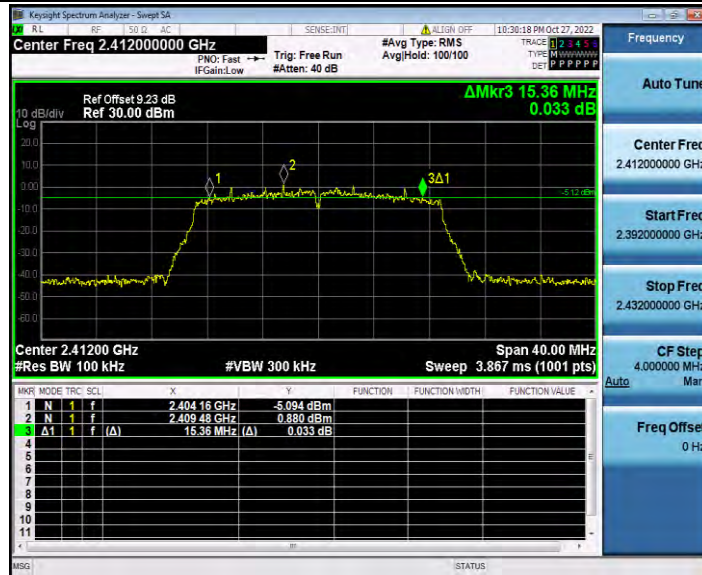
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



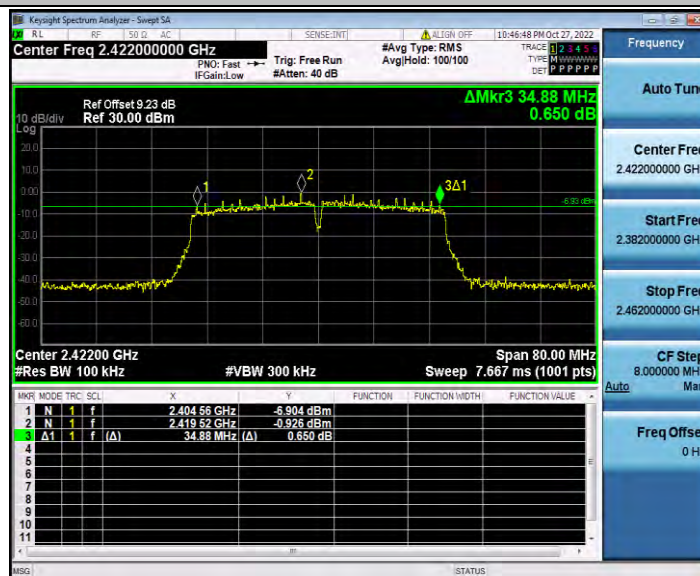
11N20SISO_Ant1_2437



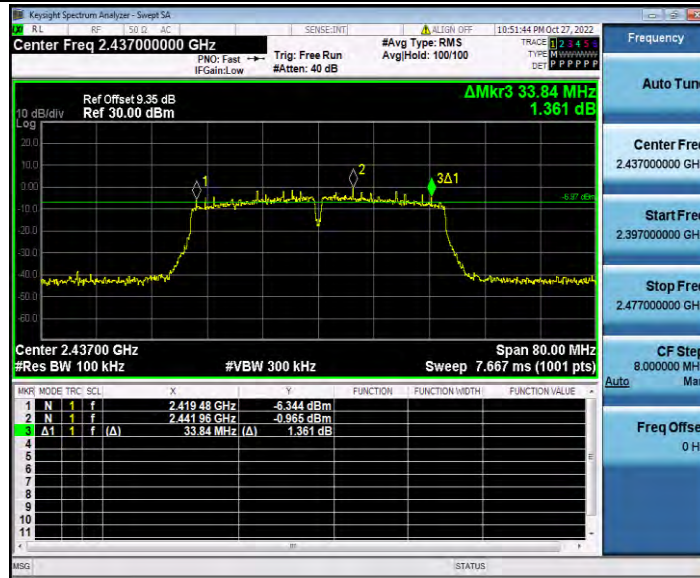
11N20SISO_Ant1_2462



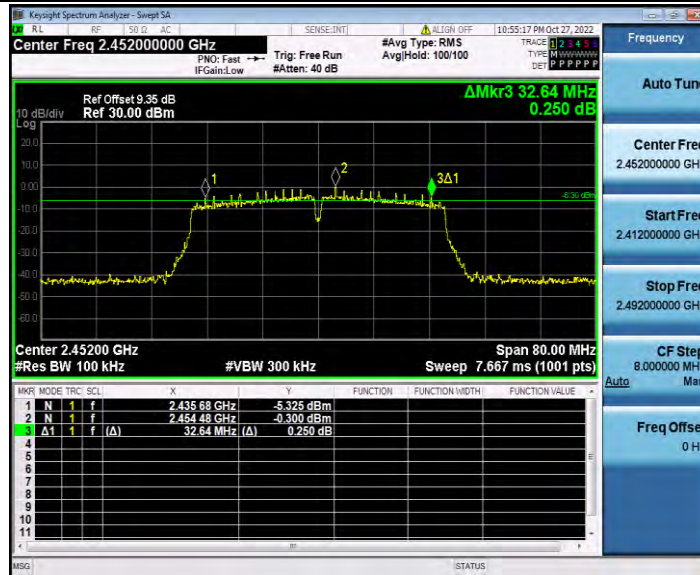
11N40SISO_Ant1_2422



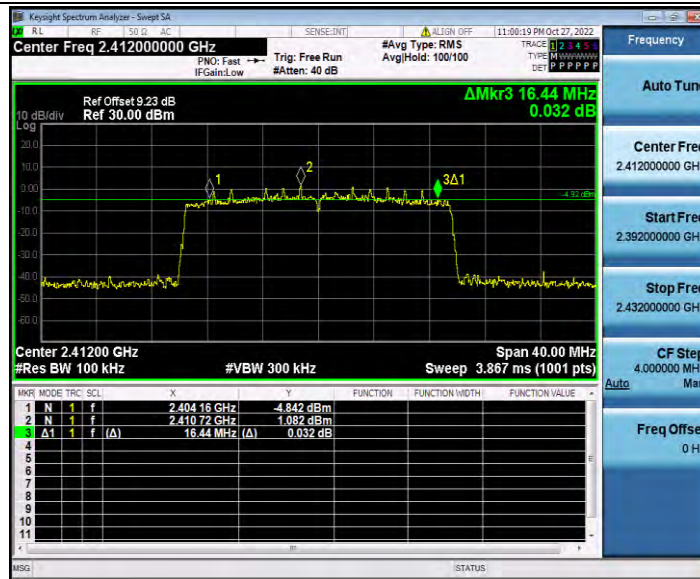
11N40SISO_Ant1_2437



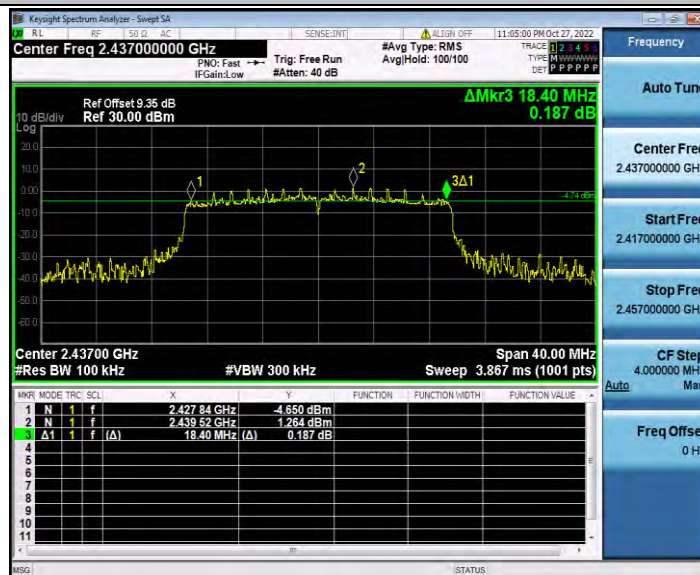
11N40SISO_Ant1_2452



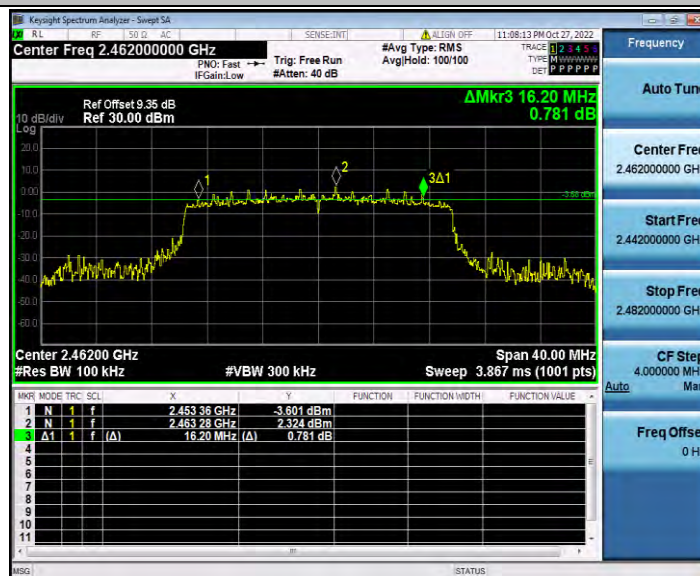
11AX20SISO_Ant1_2412



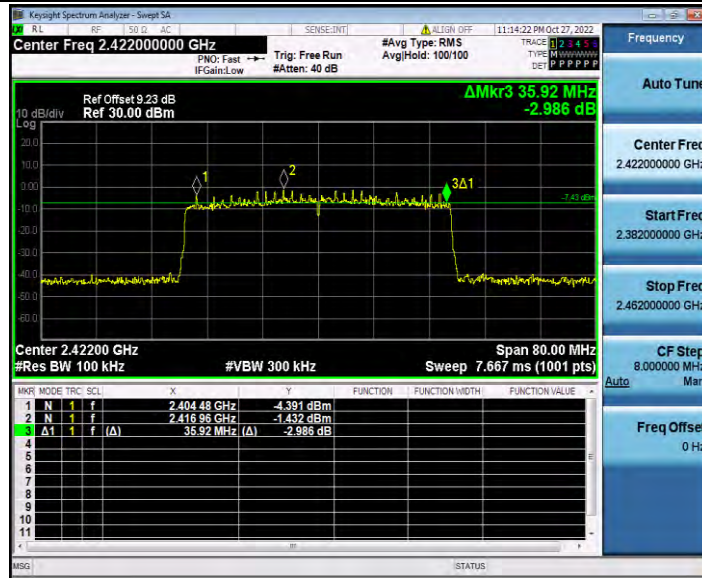
11AX20SISO_Ant1_2437



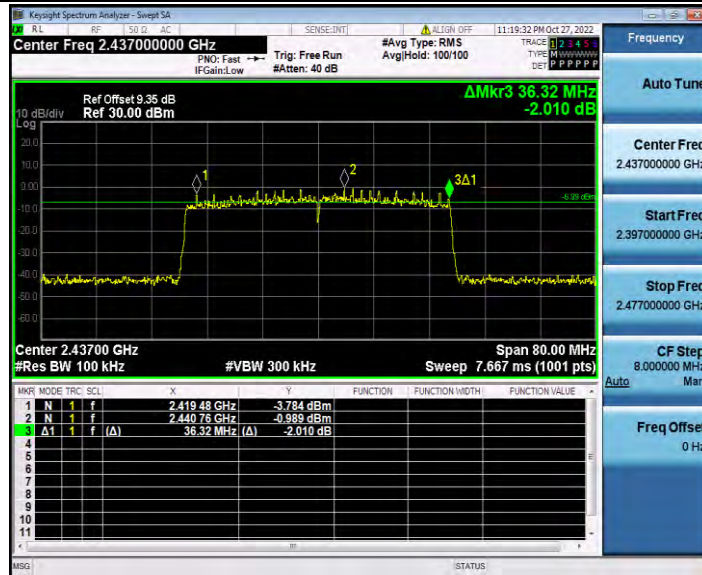
11AX20SISO_Ant1_2462



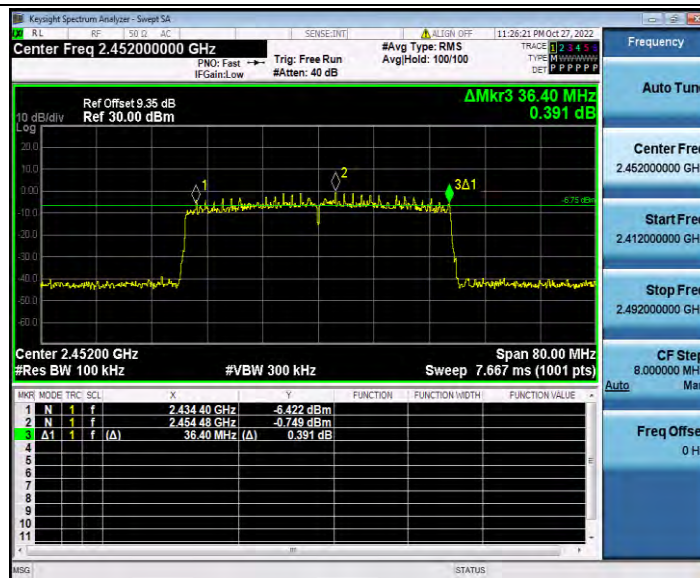
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



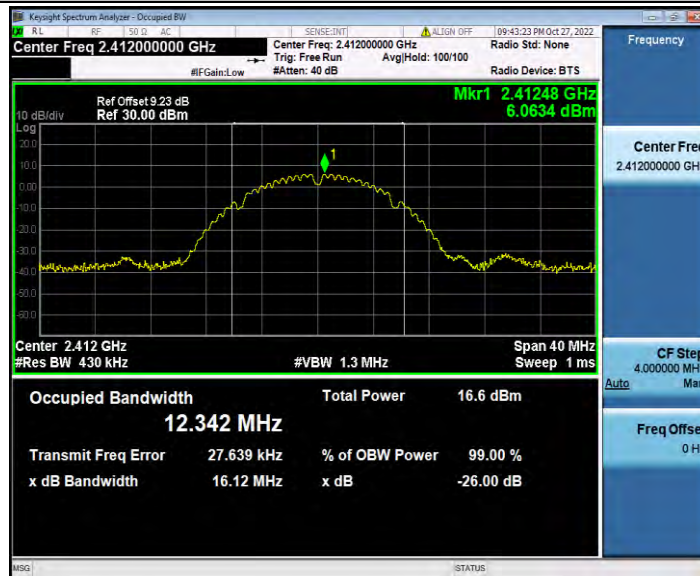
Appendix C.2: Occupied Channel Bandwidth

Test Result

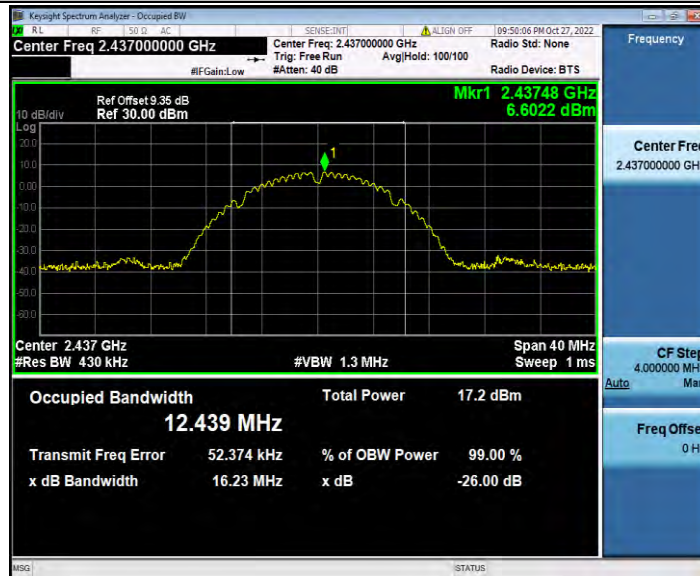
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.342	2405.857	2418.199	---	---
		2437	12.439	2430.833	2443.272	---	---
		2462	12.398	2455.812	2468.210	---	---
11G	Ant1	2412	16.740	2403.639	2420.379	---	---
		2437	17.454	2428.320	2445.774	---	---
		2462	17.573	2453.202	2470.775	---	---
11N20SISO	Ant1	2412	17.716	2403.163	2420.879	---	---
		2437	18.608	2427.751	2446.359	---	---
		2462	18.644	2452.629	2471.273	---	---
11N40SISO	Ant1	2422	36.040	2404.039	2440.079	---	---
		2437	36.101	2418.998	2455.099	---	---
		2452	35.969	2434.061	2470.030	---	---
11AX20SISO	Ant1	2412	18.812	2402.598	2421.410	---	---
		2437	19.068	2427.471	2446.539	---	---
		2462	18.949	2452.517	2471.466	---	---
11AX40SISO	Ant1	2422	37.647	2403.202	2440.849	---	---
		2437	37.701	2418.196	2455.897	---	---
		2452	37.599	2433.214	2470.813	---	---

Test Graphs

11B_Ant1_2412



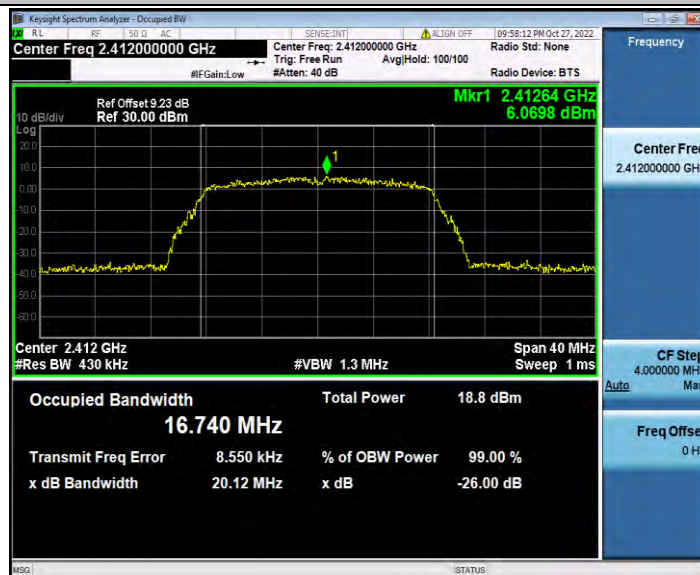
11B_Ant1_2437



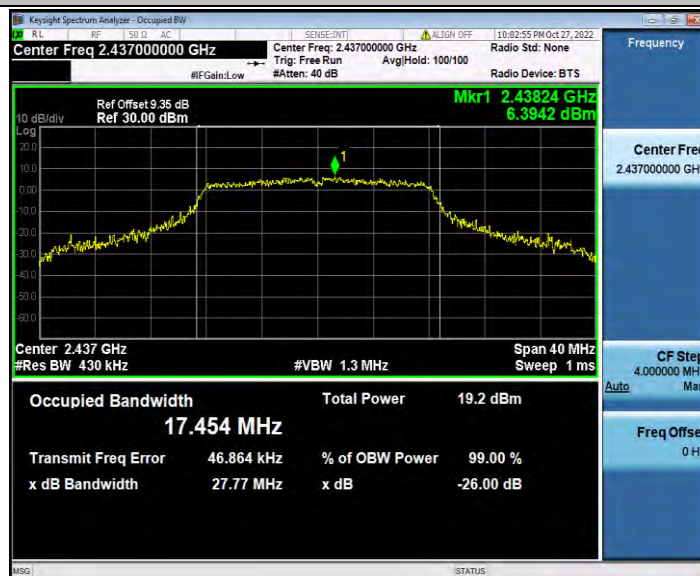
11B_Ant1_2462



11G_Ant1_2412



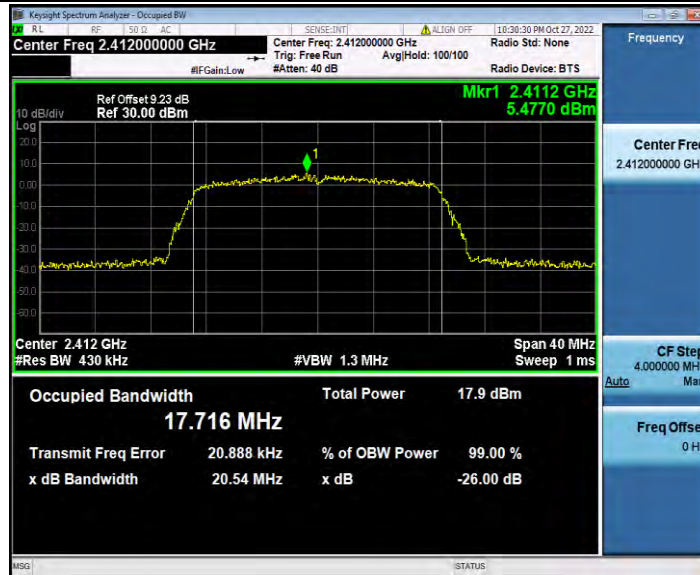
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



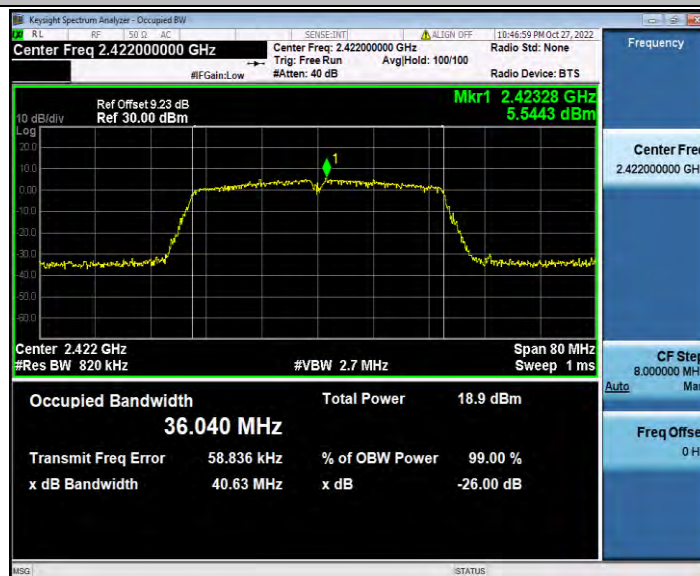
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



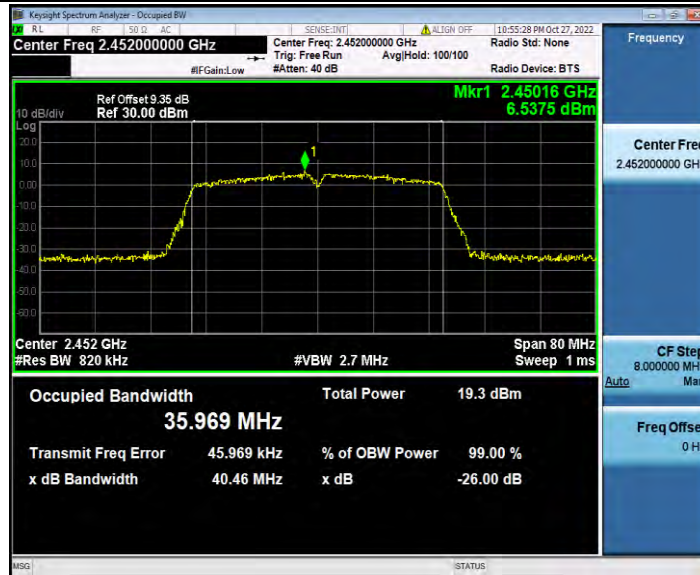
11N40SISO_Ant1_2422



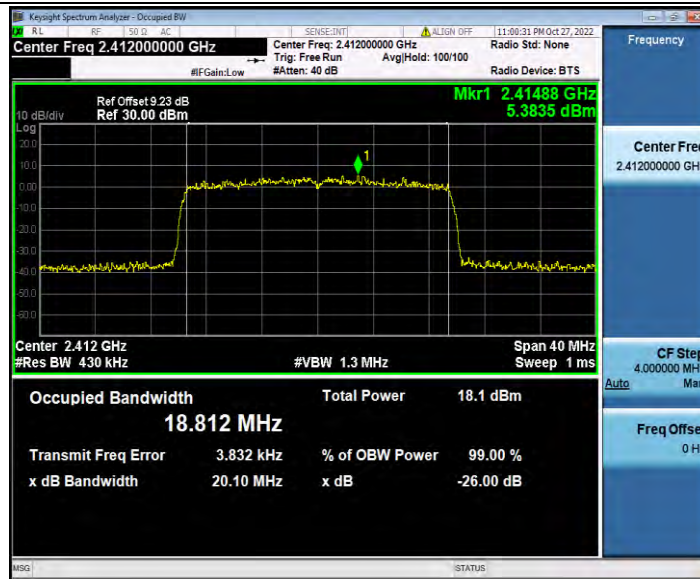
11N40SISO_Ant1_2437



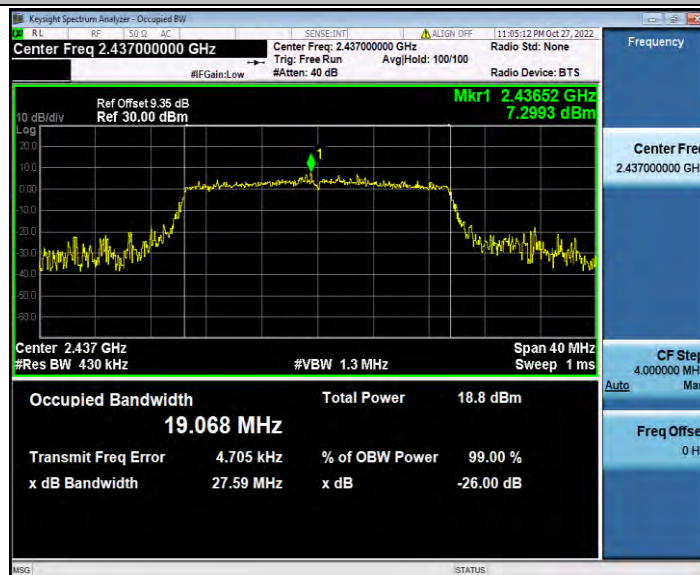
11N40SISO_Ant1_2452



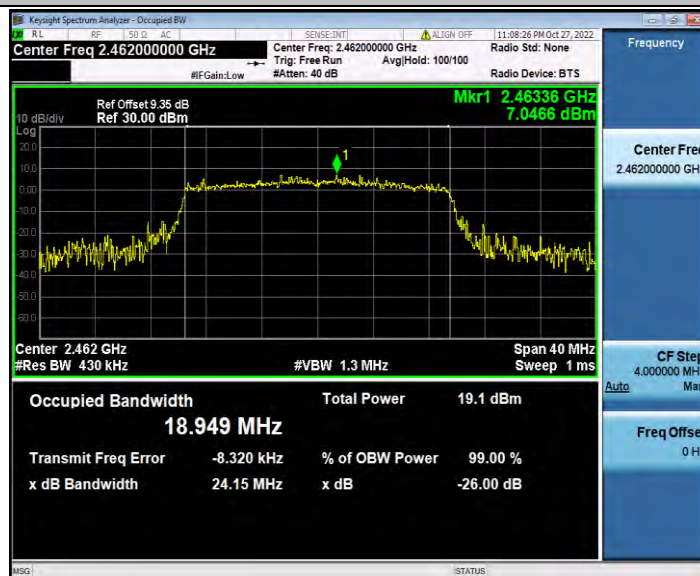
11AX20SISO_Ant1_2412



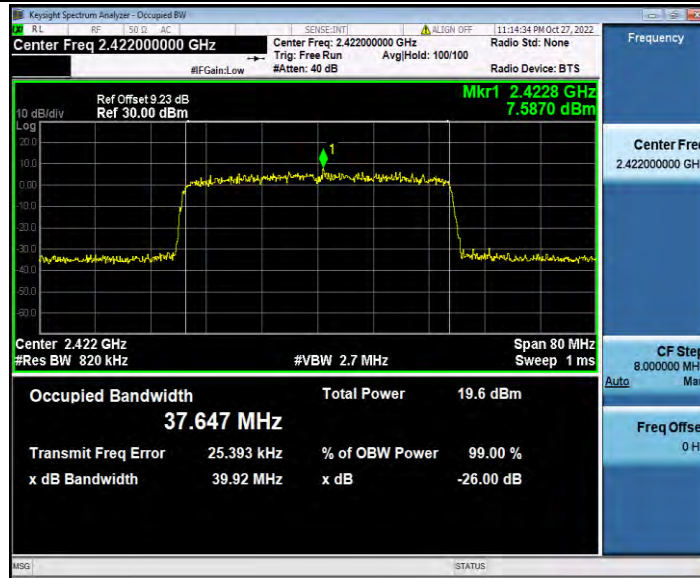
11AX20SISO_Ant1_2437



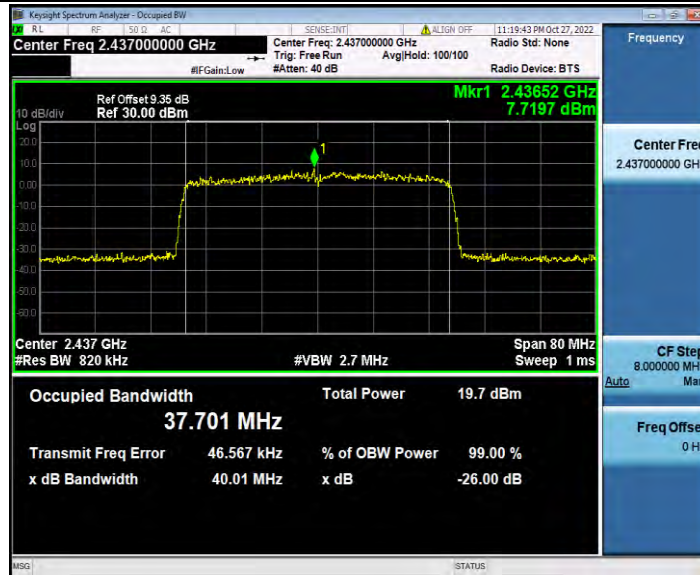
11AX20SISO_Ant1_2462



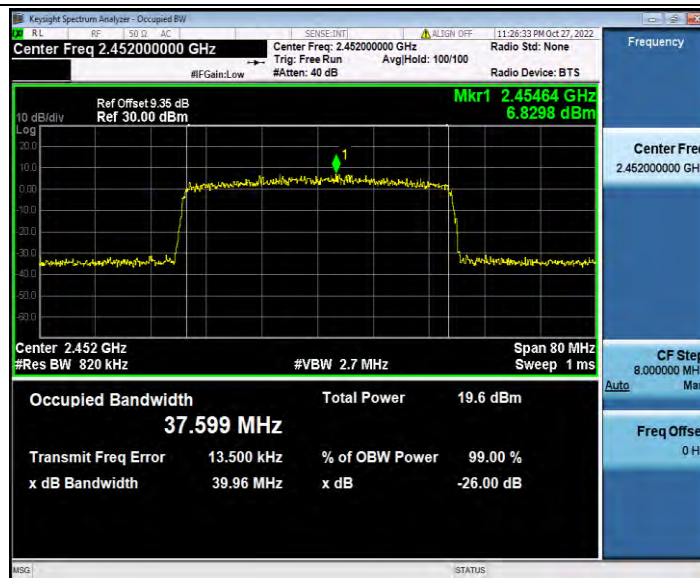
11AX40SISO_Ant1_2422



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	16.69	≤30.00	PASS
		2437	17.23	≤30.00	PASS
		2462	17.30	≤30.00	PASS
11G	Ant1	2412	20.03	≤30.00	PASS
		2437	20.39	≤30.00	PASS
		2462	20.59	≤30.00	PASS
11N20SISO	Ant1	2412	19.04	≤30.00	PASS
		2437	19.42	≤30.00	PASS
		2462	19.38	≤30.00	PASS
11N40SISO	Ant1	2422	19.26	≤30.00	PASS
		2437	19.35	≤30.00	PASS
		2452	19.48	≤30.00	PASS
11AX20SISO	Ant1	2412	19.19	≤30.00	PASS
		2437	19.79	≤30.00	PASS
		2462	19.89	≤30.00	PASS
11AX40SISO	Ant1	2422	19.66	≤30.00	PASS
		2437	19.98	≤30.00	PASS
		2452	19.65	≤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	-8.52	≤8.00	PASS
		2437	-8.13	≤8.00	PASS
		2462	-7.94	≤8.00	PASS
11G	Ant1	2412	-11.61	≤8.00	PASS
		2437	-11.96	≤8.00	PASS
		2462	-11.37	≤8.00	PASS
11N20SISO	Ant1	2412	-11.72	≤8.00	PASS
		2437	-11.72	≤8.00	PASS
		2462	-12.25	≤8.00	PASS
11N40SISO	Ant1	2422	-15.27	≤8.00	PASS
		2437	-14.56	≤8.00	PASS
		2452	-15.09	≤8.00	PASS
11AX20SISO	Ant1	2412	-14.41	≤8.00	PASS
		2437	-14.97	≤8.00	PASS
		2462	-14.38	≤8.00	PASS
11AX40SISO	Ant1	2422	-17.02	≤8.00	PASS
		2437	-17.15	≤8.00	PASS
		2452	-16.23	≤8.00	PASS

Test Graphs

11B_Ant1_2412



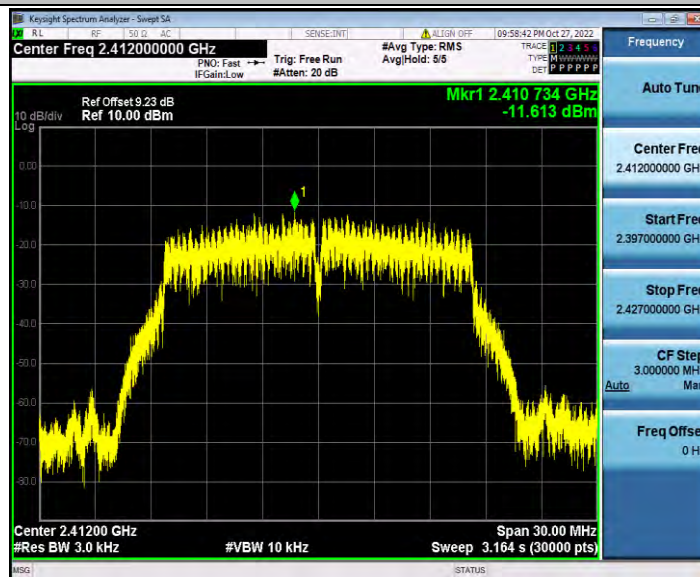
11B_Ant1_2437



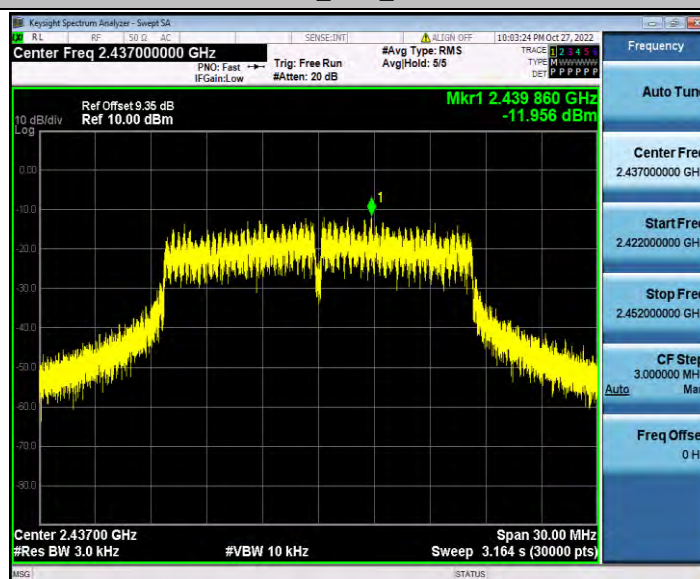
11B_Ant1_2462



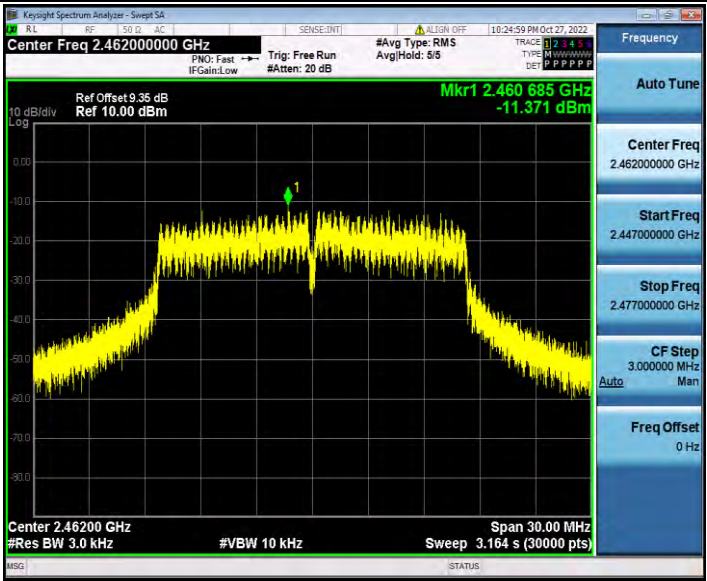
11G_Ant1_2412



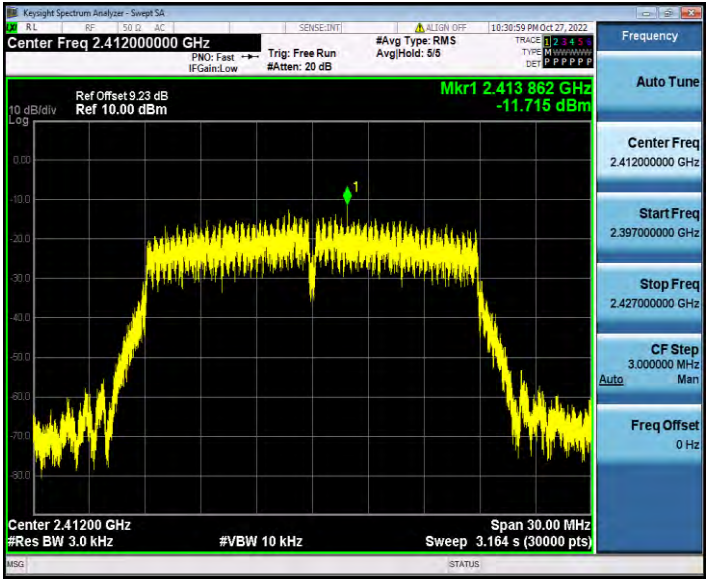
11G_Ant1_2437



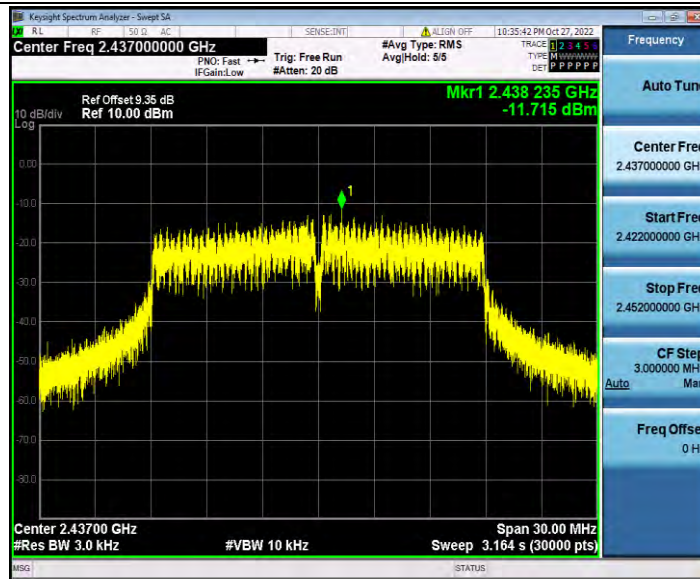
11G_Ant1_2462



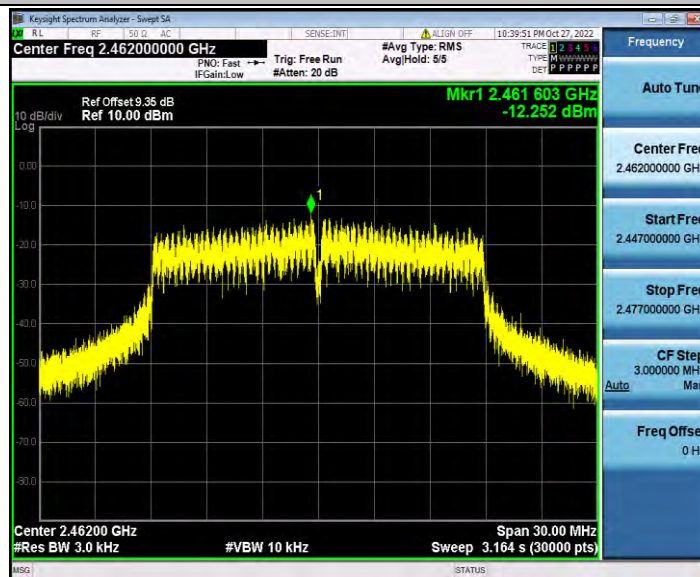
11N20SISO_Ant1_2412



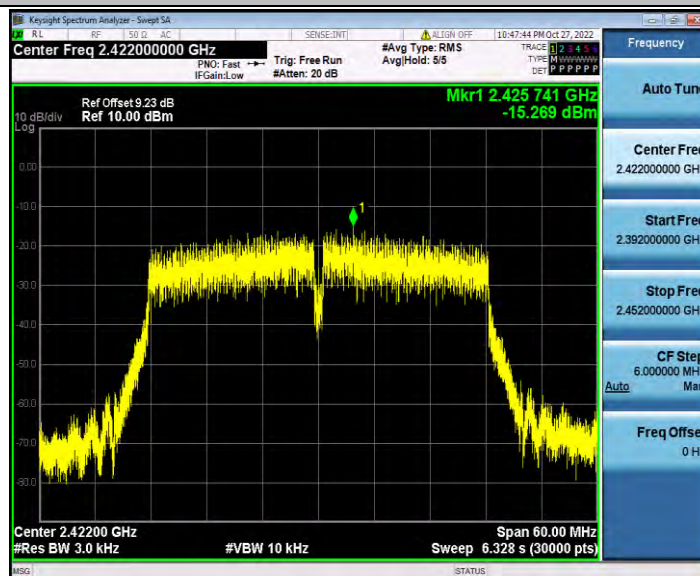
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



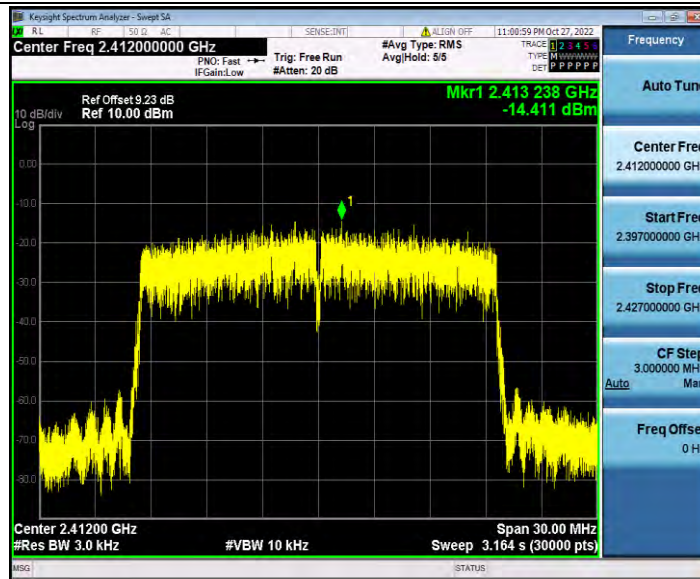
11N40SISO_Ant1_2437



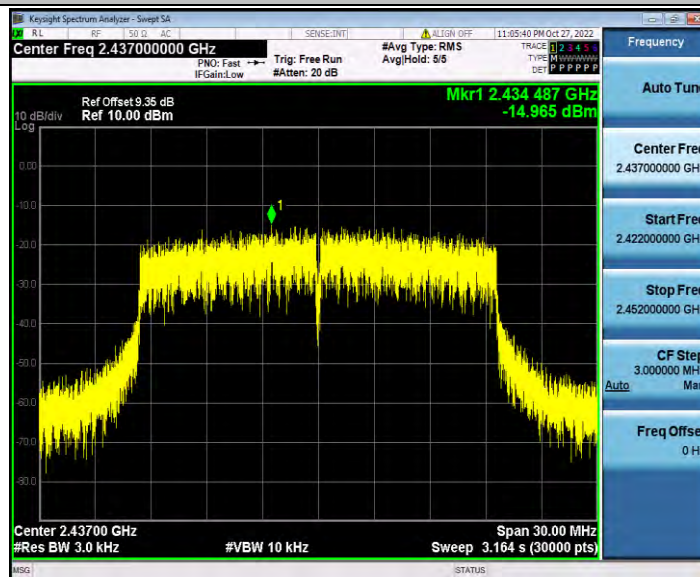
11N40SISO_Ant1_2452



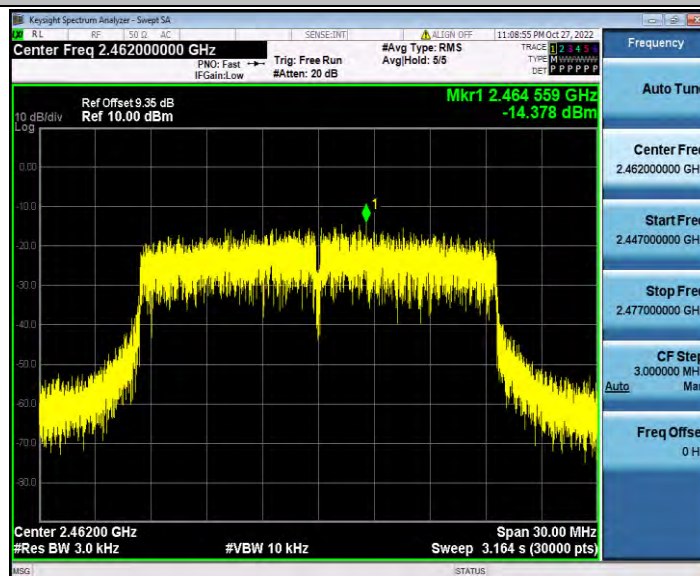
11AX20SISO_Ant1_2412



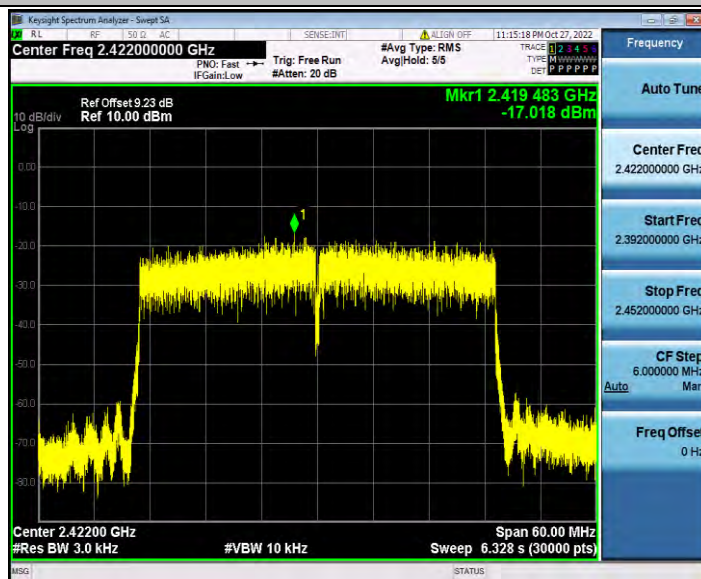
11AX20SISO_Ant1_2437



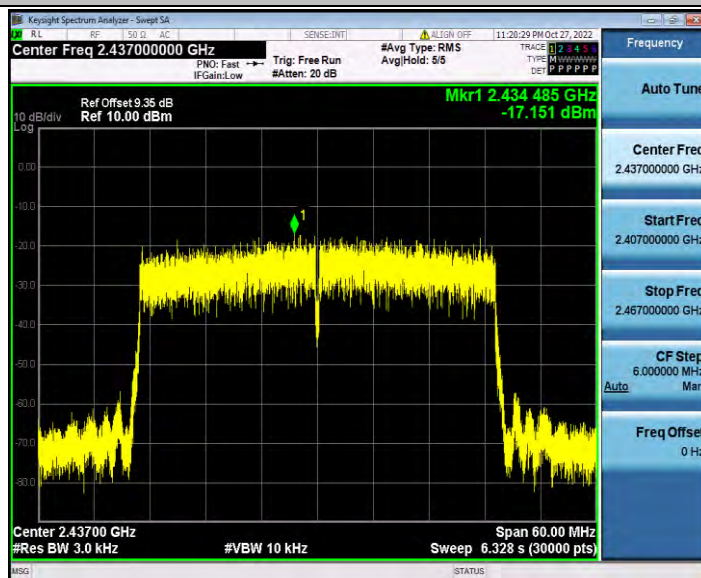
11AX20SISO_Ant1_2462



11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452

