

Case No. : GTS20220704007-1-7	
Ambient Condition: 25 °C, 45 %RH,	
Test Date: 2022.7.8	Test Engineer: Jenny Zeng

Appendix A.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.080	2407.480	2416.560	0.5	PASS
		2437	9.120	2432.440	2441.560	0.5	PASS
		2462	9.080	2457.440	2466.520	0.5	PASS
11G	Ant1	2412	16.320	2403.880	2420.200	0.5	PASS
		2437	16.320	2428.840	2445.160	0.5	PASS
		2462	16.320	2453.840	2470.160	0.5	PASS
11N20SISO	Ant1	2412	16.960	2403.600	2420.560	0.5	PASS
		2437	16.680	2428.480	2445.160	0.5	PASS
		2462	16.960	2453.480	2470.440	0.5	PASS
11N40SISO	Ant1	2422	35.360	2404.400	2439.760	0.5	PASS
		2437	35.120	2419.400	2454.520	0.5	PASS
		2452	35.520	2434.080	2469.600	0.5	PASS

Test Graphs

11B_Ant1_2412



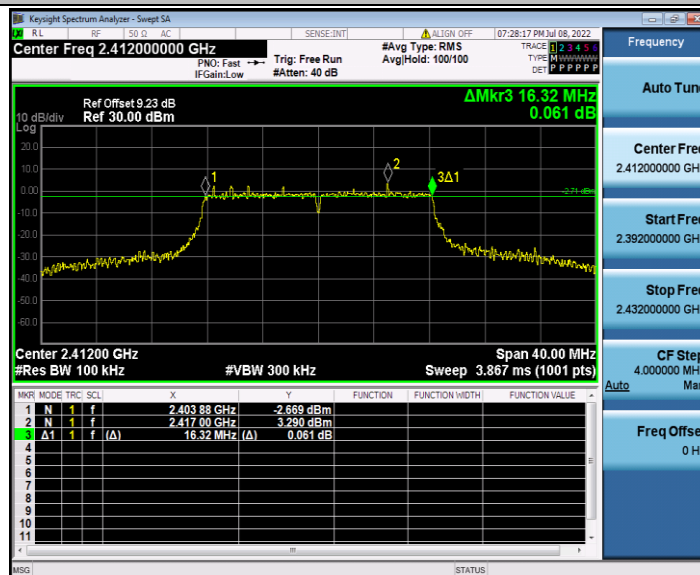
11B_Ant1_2437



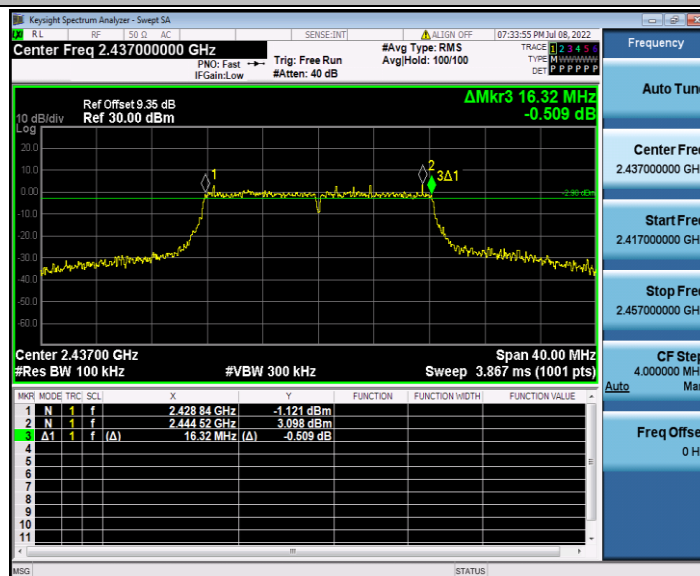
11B_Ant1_2462



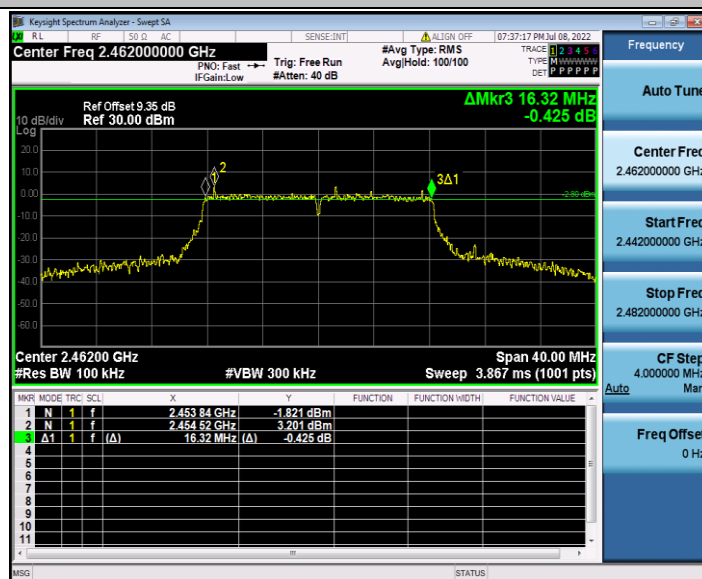
11G_Ant1_2412



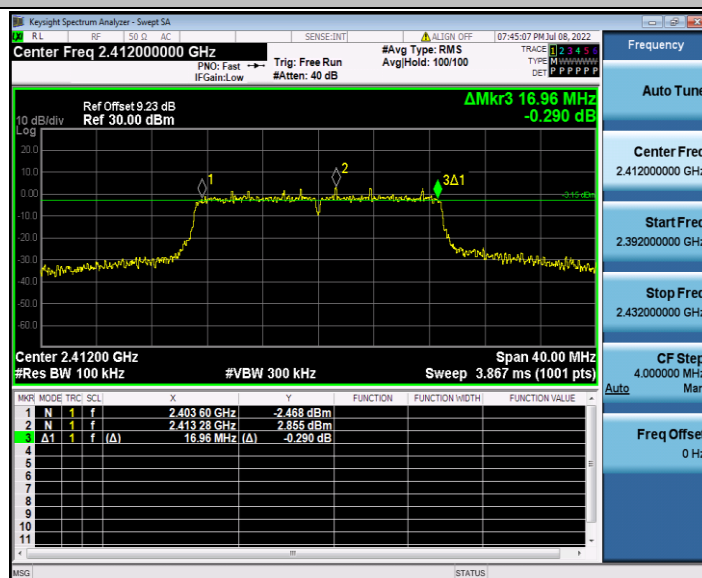
11G_Ant1_2437



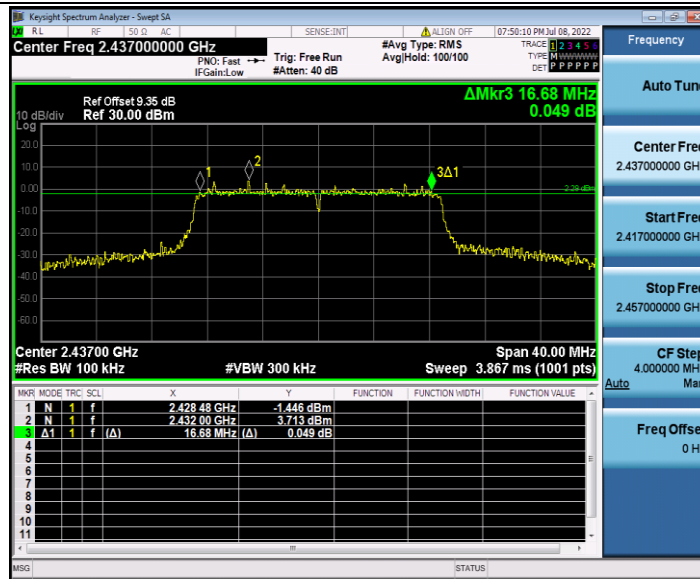
11G_Ant1_2462



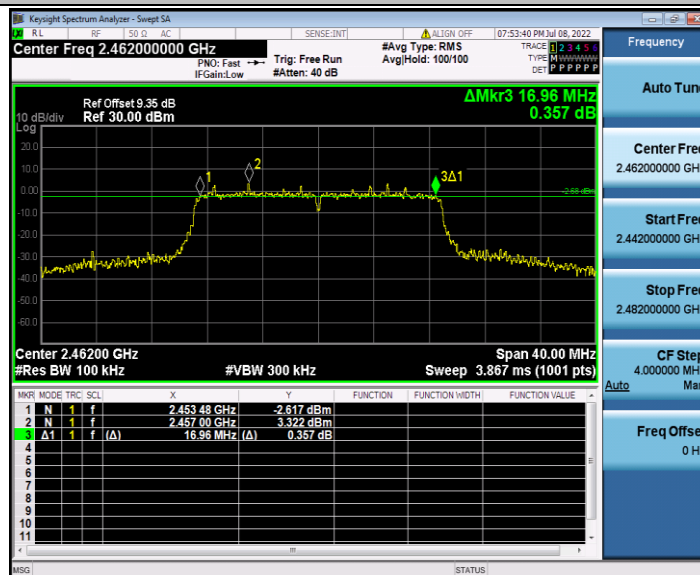
11N20SISO_Ant1_2412



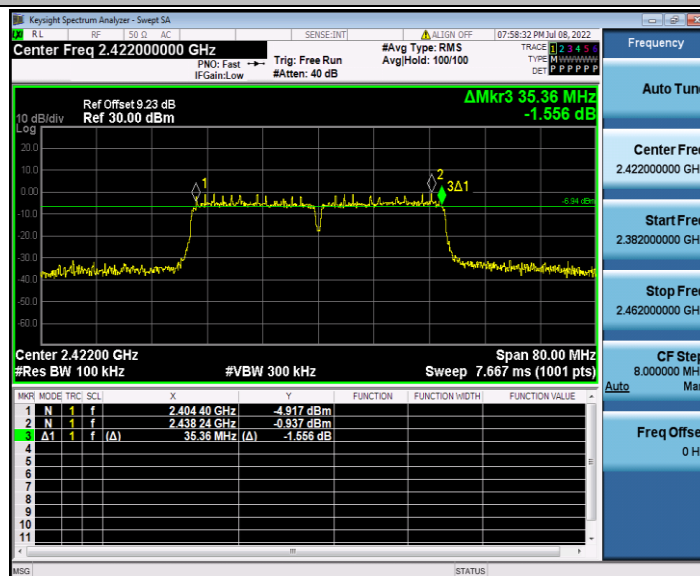
11N20SISO_Ant1_2437



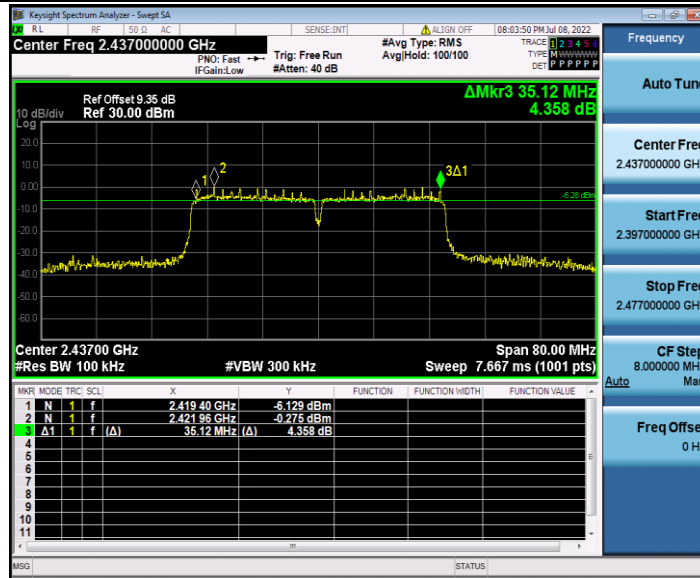
11N20SISO_Ant1_2462



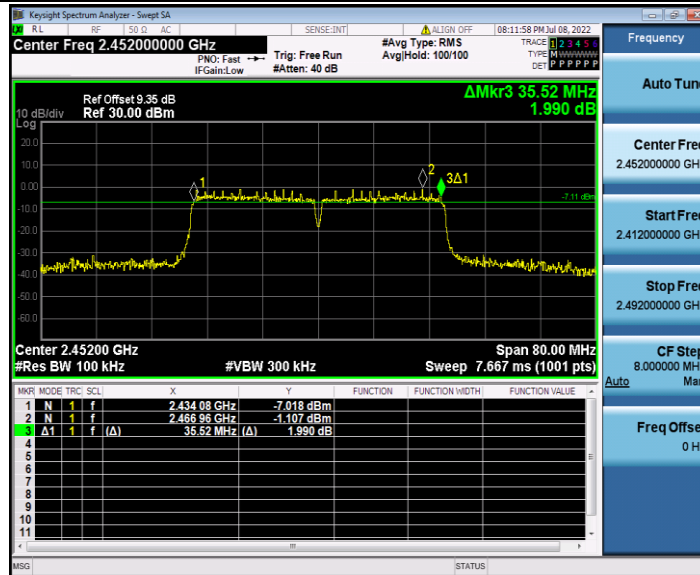
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



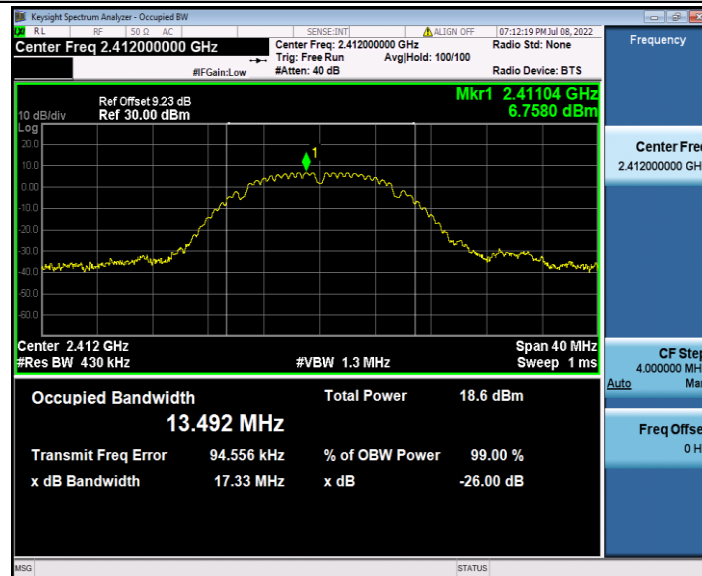
Appendix A.2: Occupied Channel Bandwidth

Test Result

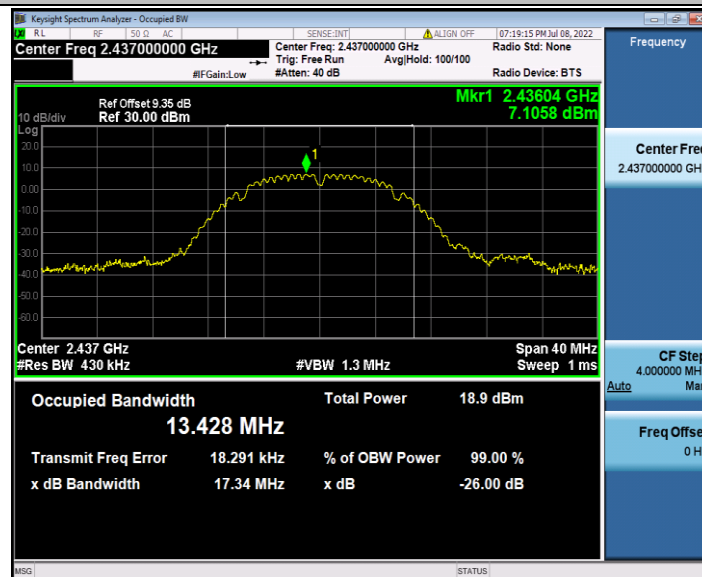
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	13.492	2405.349	2418.841	---	---
		2437	13.428	2430.304	2443.732	---	---
		2462	13.356	2455.328	2468.684	---	---
11G	Ant1	2412	16.979	2403.546	2420.525	---	---
		2437	16.949	2428.540	2445.489	---	---
		2462	16.901	2453.550	2470.451	---	---
11N20SISO	Ant1	2412	17.784	2403.158	2420.942	---	---
		2437	17.786	2428.105	2445.891	---	---
		2462	17.730	2453.131	2470.861	---	---
11N40SISO	Ant1	2422	36.198	2403.962	2440.160	---	---
		2437	36.160	2418.948	2455.108	---	---
		2452	36.223	2433.861	2470.084	---	---

Test Graphs

11B_Ant1_2412



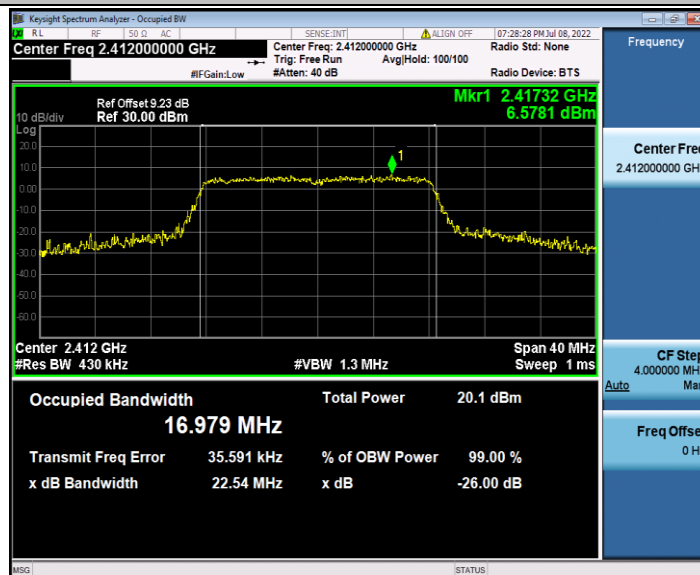
11B_Ant1_2437



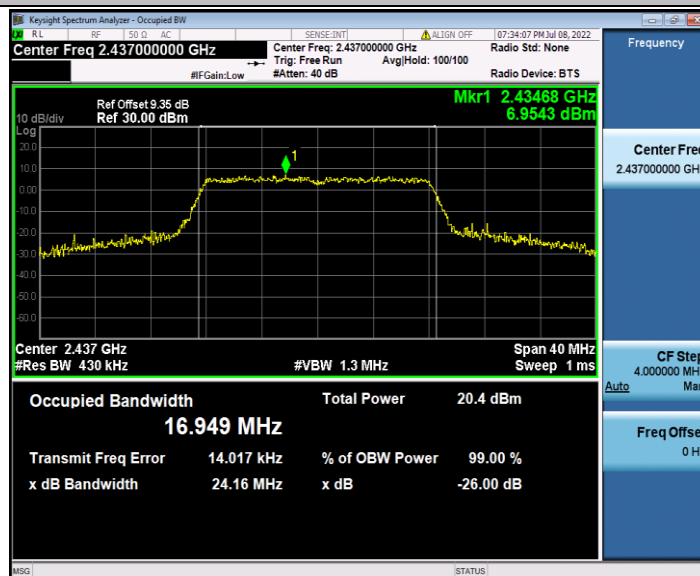
11B_Ant1_2462



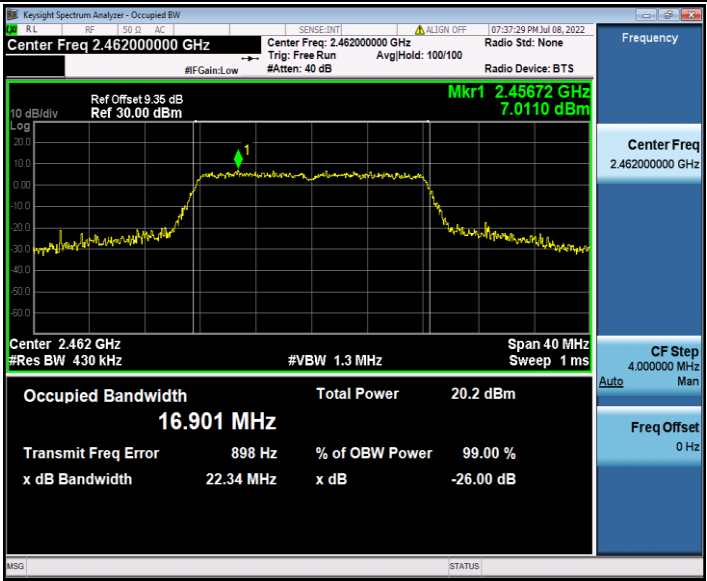
11G_Ant1_2412



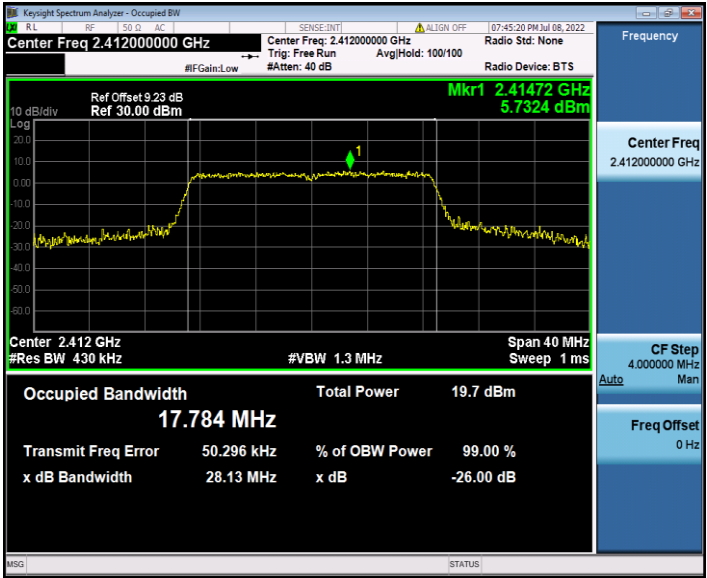
11G_Ant1_2437



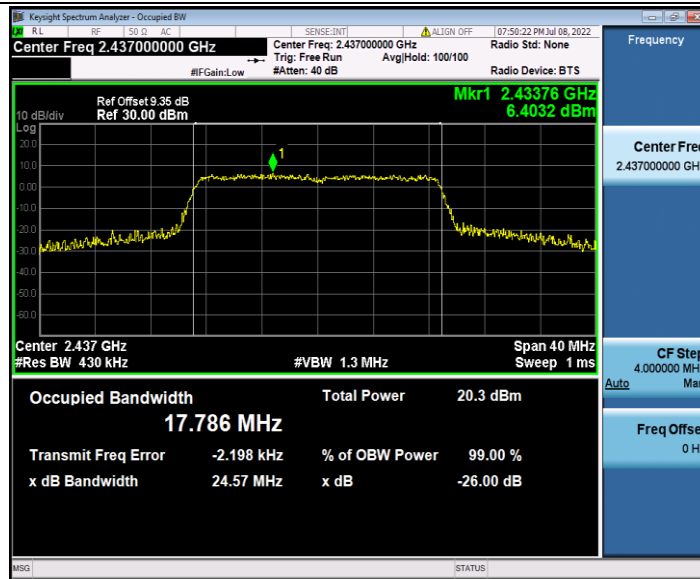
11G_Ant1_2462



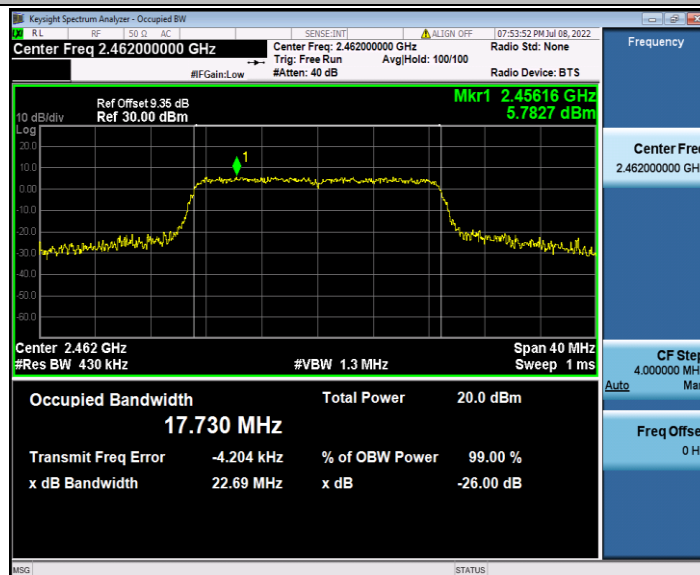
11N20SISO_Ant1_2412



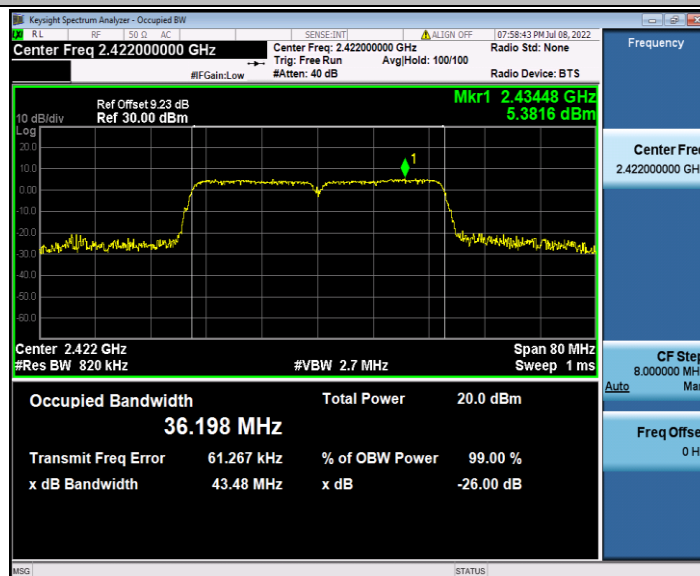
11N20SISO_Ant1_2437



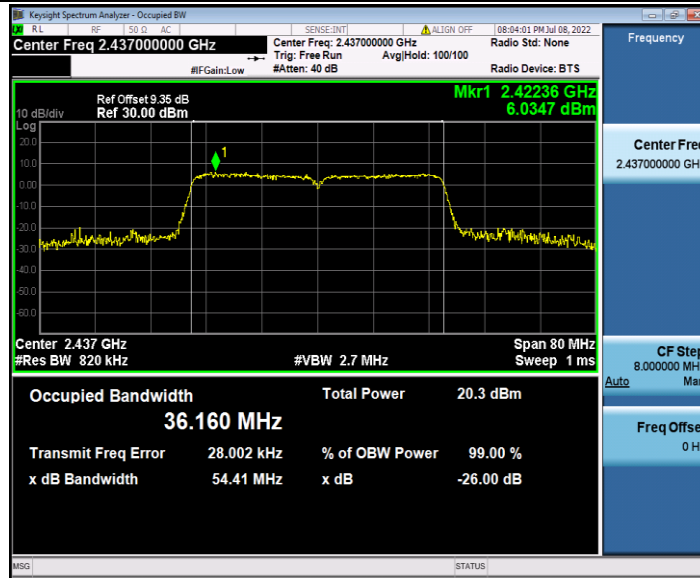
11N20SISO_Ant1_2462



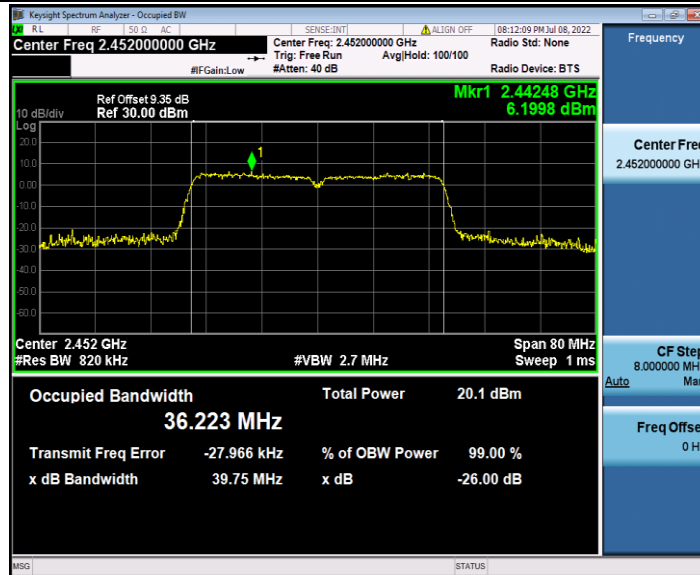
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



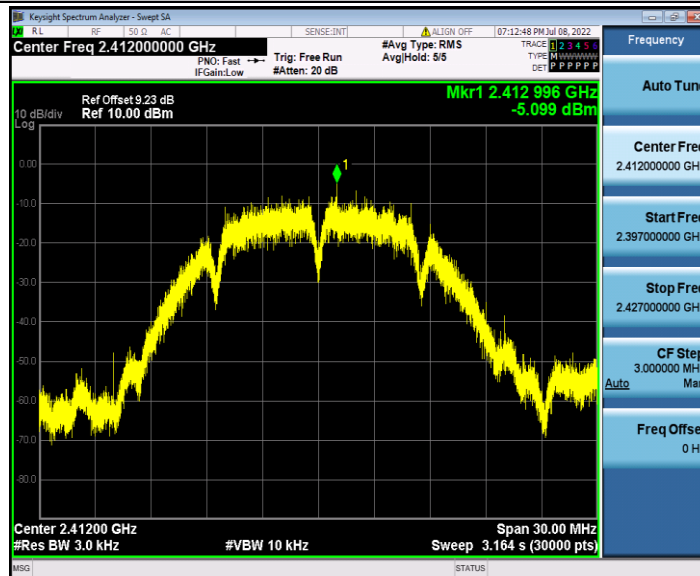
Appendix A.3: Maximum power spectral density

Test Result

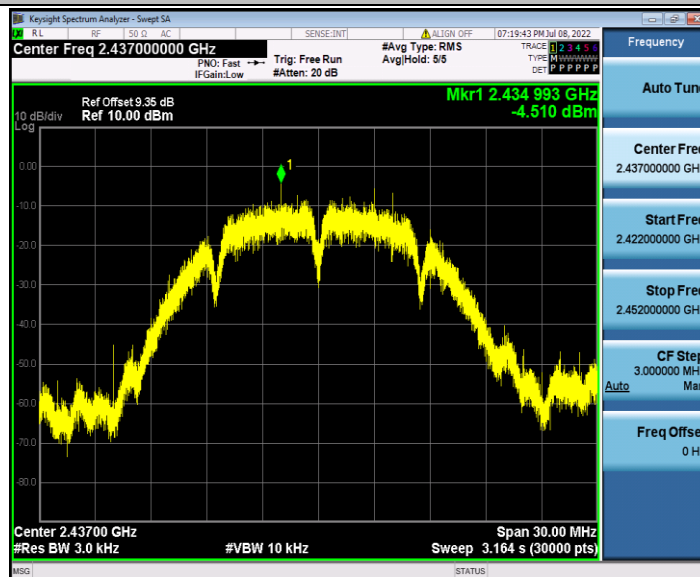
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-5.10	≤8.00	PASS
		2437	-4.51	≤8.00	PASS
		2462	-4.83	≤8.00	PASS
11G	Ant1	2412	-11.02	≤8.00	PASS
		2437	-10.96	≤8.00	PASS
		2462	-11.59	≤8.00	PASS
11N20SISO	Ant1	2412	-11.35	≤8.00	PASS
		2437	-10.94	≤8.00	PASS
		2462	-11.09	≤8.00	PASS
11N40SISO	Ant1	2422	-15.25	≤8.00	PASS
		2437	-14.30	≤8.00	PASS
		2452	-14.83	≤8.00	PASS

Test Graphs

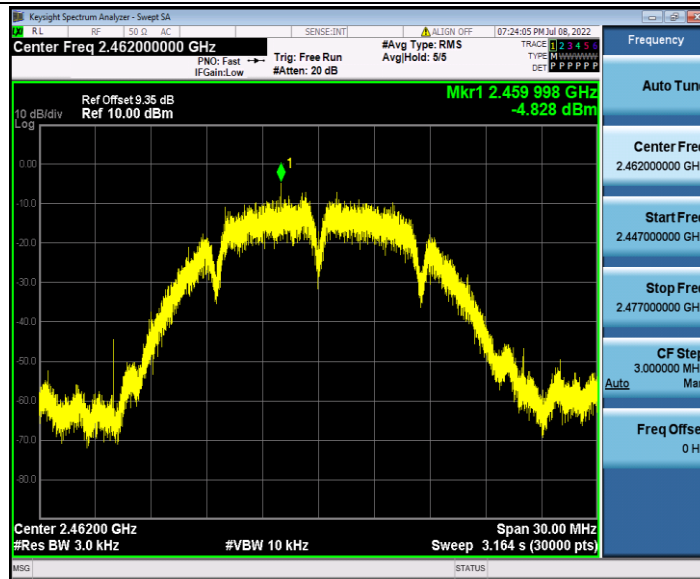
11B_Ant1_2412



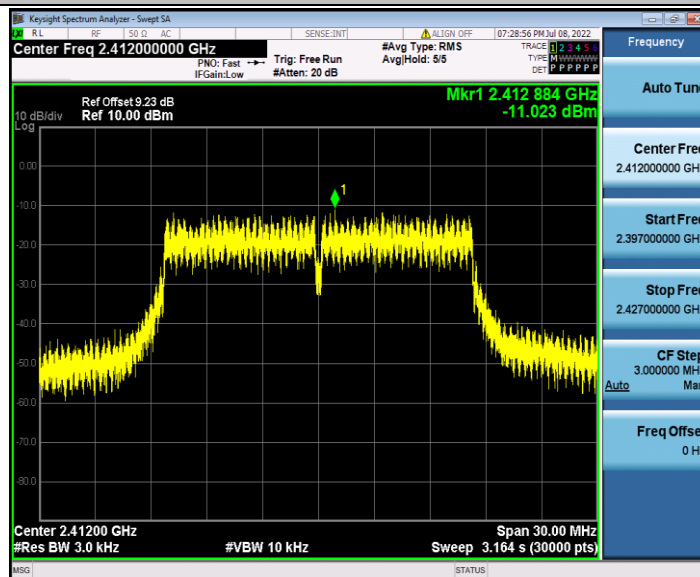
11B_Ant1_2437



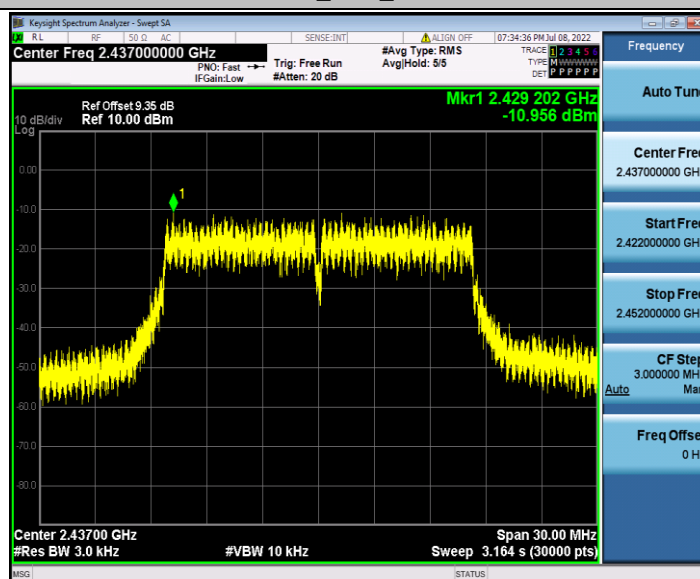
11B_Ant1_2462



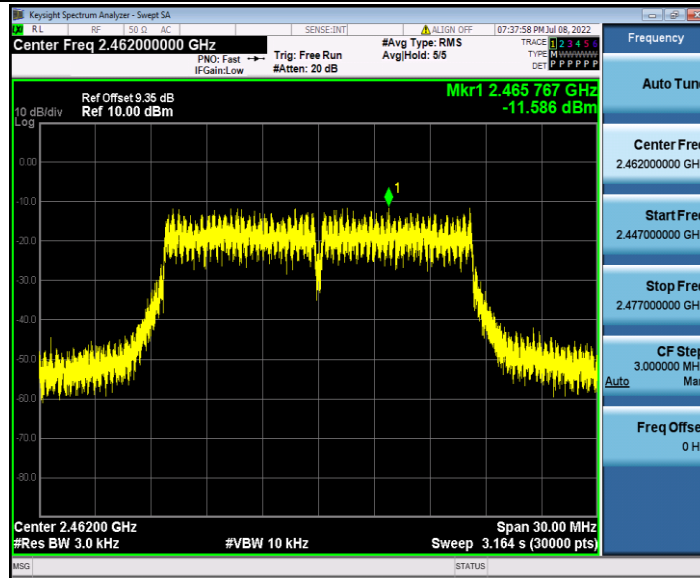
11G_Ant1_2412



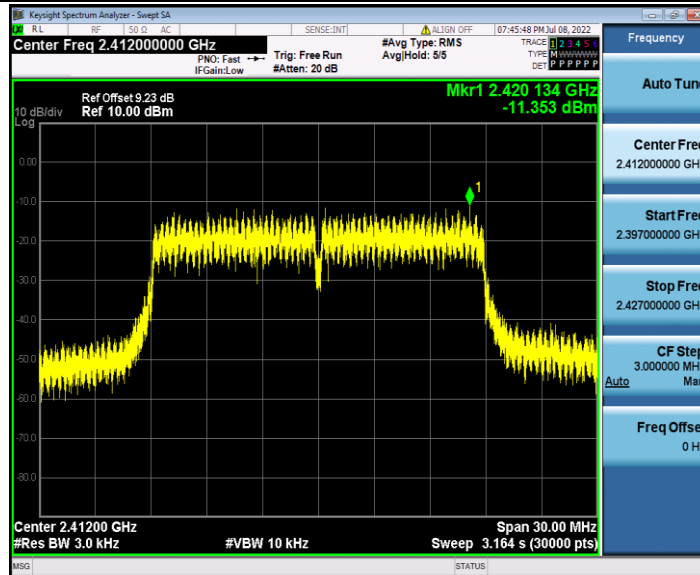
11G_Ant1_2437



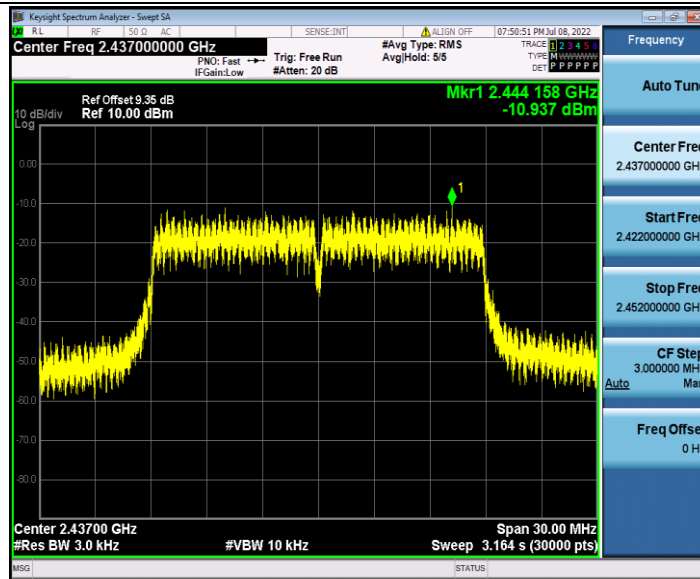
11G_Ant1_2462



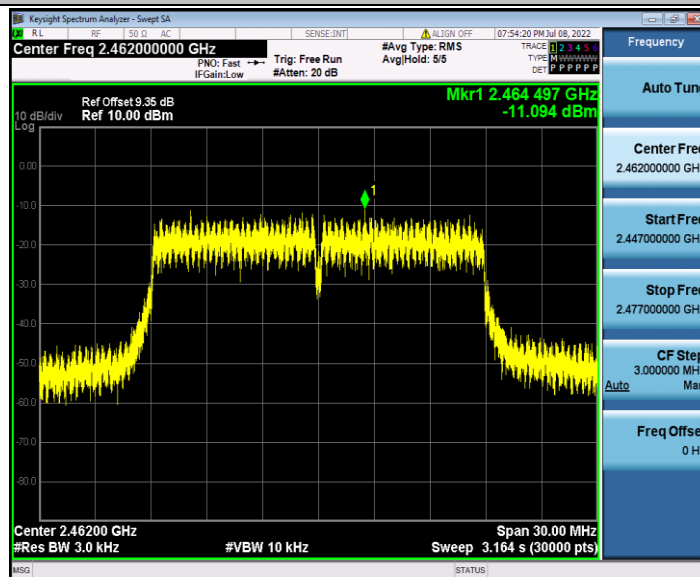
11N20SISO_Ant1_2412



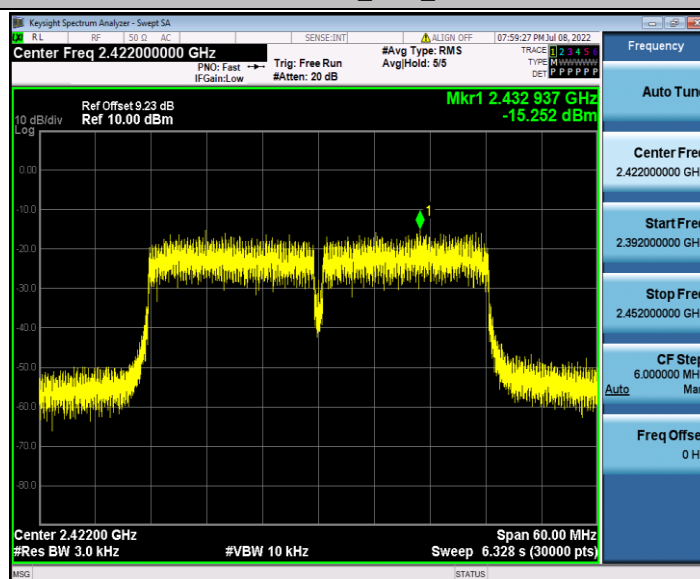
11N20SISO_Ant1_2437



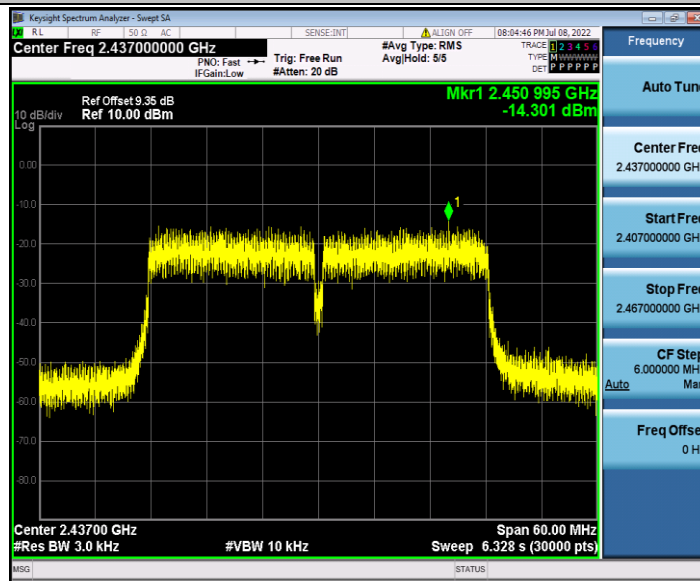
11N20SISO_Ant1_2462



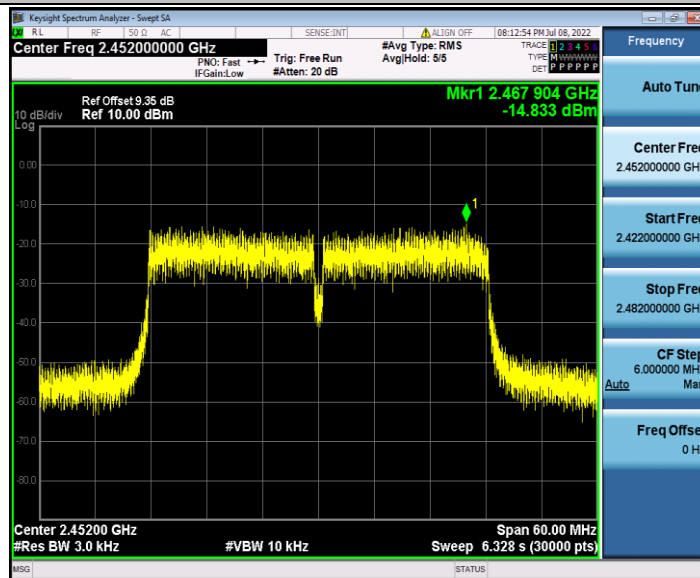
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



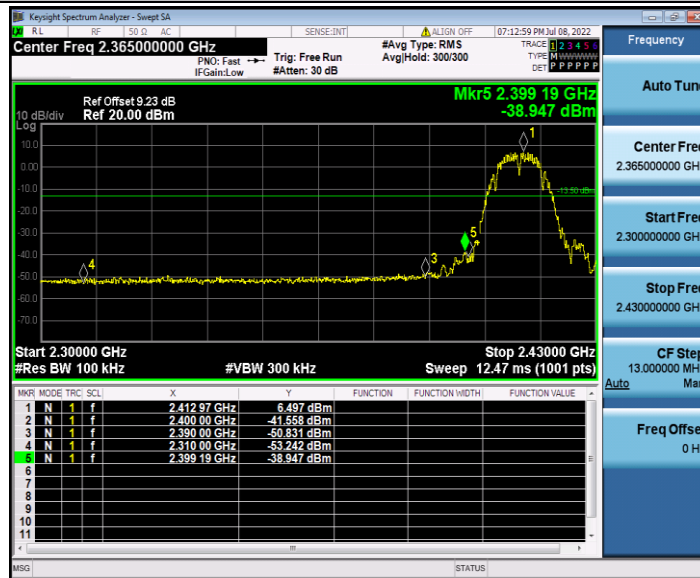
Appendix A.4: Band edge measurements

Test Result

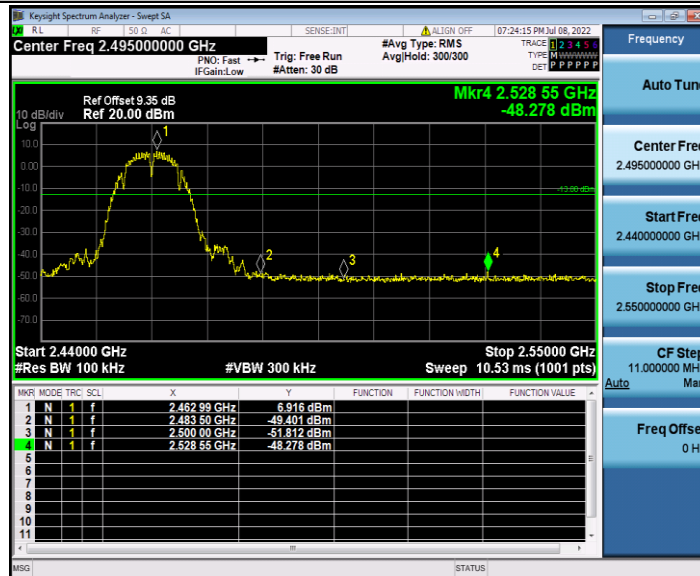
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	6.50	-38.95	≤-13.5	PASS
		High	2462	6.92	-48.28	≤-13.08	PASS
11G	Ant1	Low	2412	2.97	-26.74	≤-17.03	PASS
		High	2462	3.42	-38.42	≤-16.58	PASS
11N20SISO	Ant1	Low	2412	3.18	-27.4	≤-16.82	PASS
		High	2462	3.64	-37.5	≤-16.36	PASS
11N40SISO	Ant1	Low	2422	-0.93	-31.88	≤-20.93	PASS
		High	2452	-0.68	-34.29	≤-20.68	PASS

Test Graphs

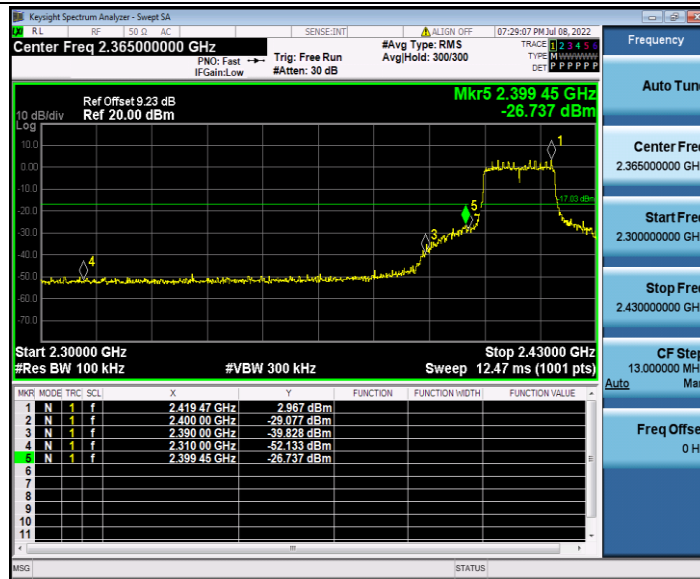
11B_Ant1_Low_2412



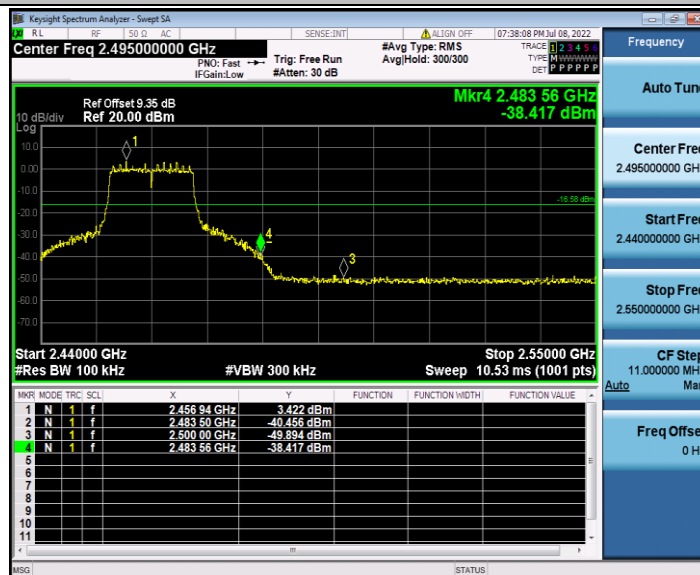
11B_Ant1_High_2462



11G_Ant1_Low_2412



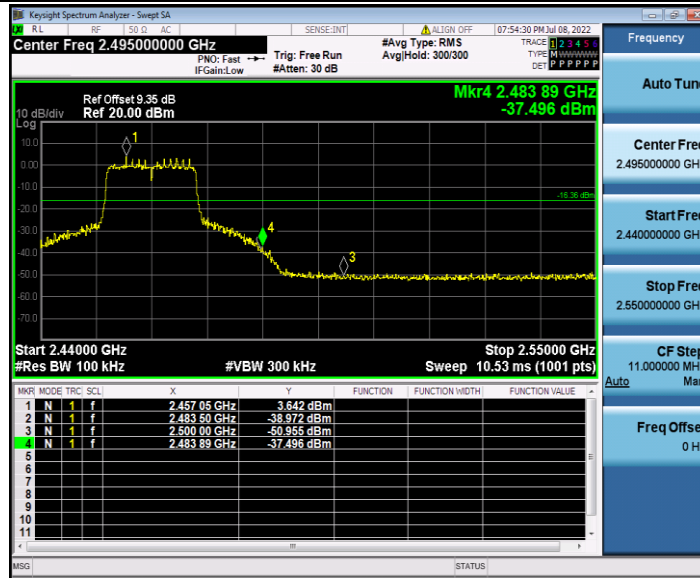
11G_Ant1_High_2462



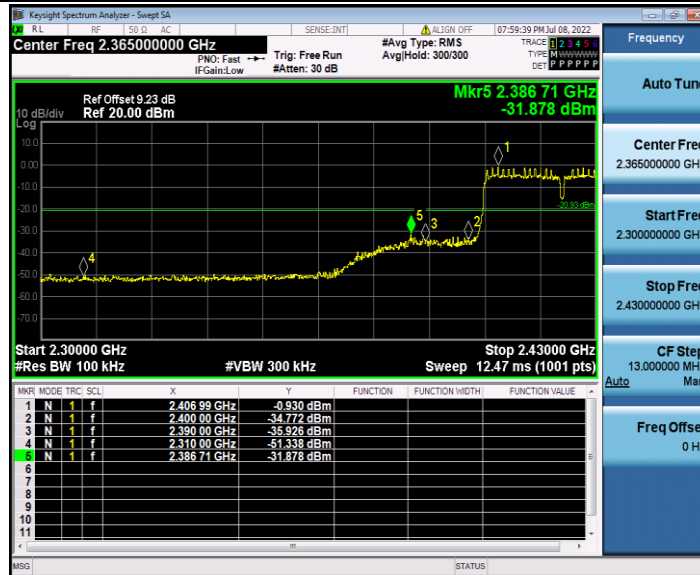
11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452

