

Case No. : GTS20220224018-2-12	
Ambient Condition: 22 °C, 47 %RH,	
Test Date: 2022.5.12	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	7.600	2408.480	2416.080	0.5	PASS
		2437	7.080	2433.480	2440.560	0.5	PASS
		2462	7.600	2458.440	2466.040	0.5	PASS
11G	Ant1	2412	16.400	2403.840	2420.240	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.080	2454.120	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.280	2403.520	2420.800	0.5	PASS
		2437	17.560	2428.240	2445.800	0.5	PASS
		2462	17.280	2453.520	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.920	2404.240	2440.160	0.5	PASS
		2437	36.080	2419.160	2455.240	0.5	PASS
		2452	36.320	2433.920	2470.240	0.5	PASS

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



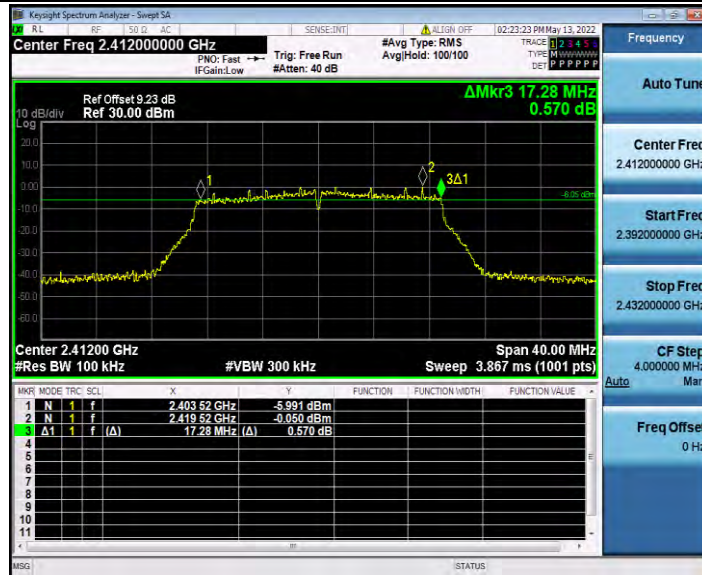
11G_Ant1_2437



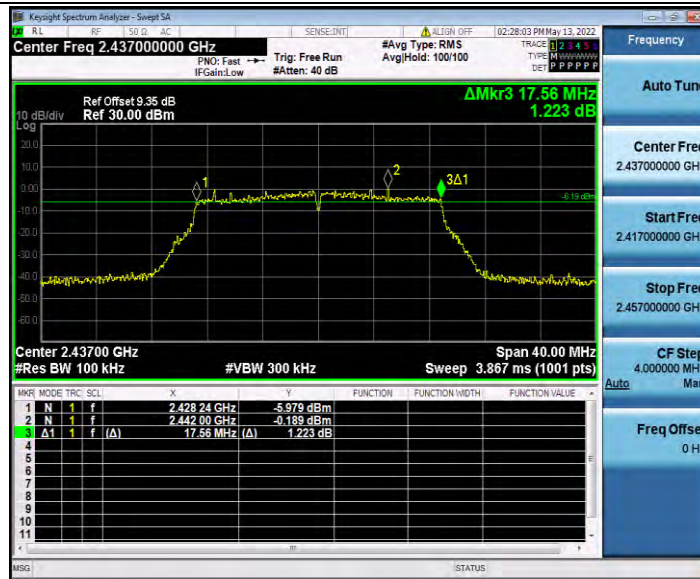
11G_Ant1_2462



11N20SISO_Ant1_2412



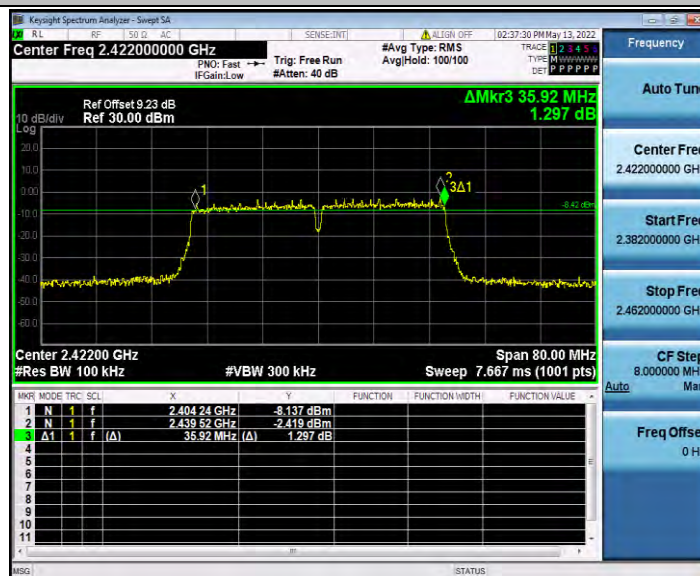
11N20SISO_Ant1_2437



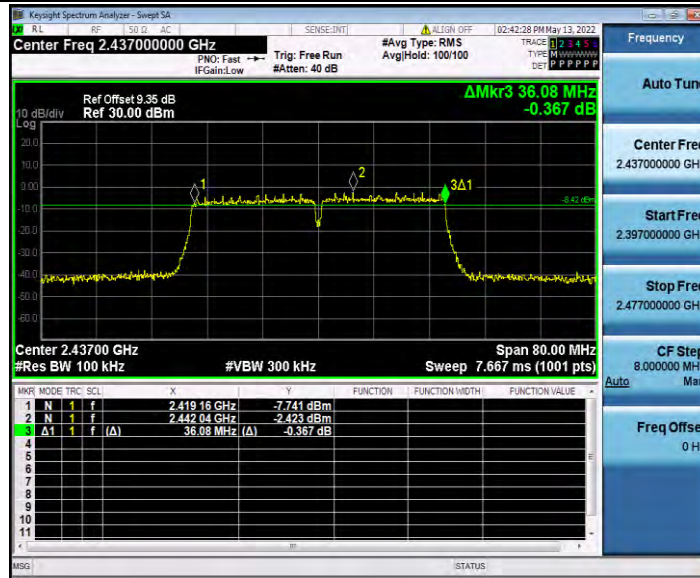
11N20SISO_Ant1_2462



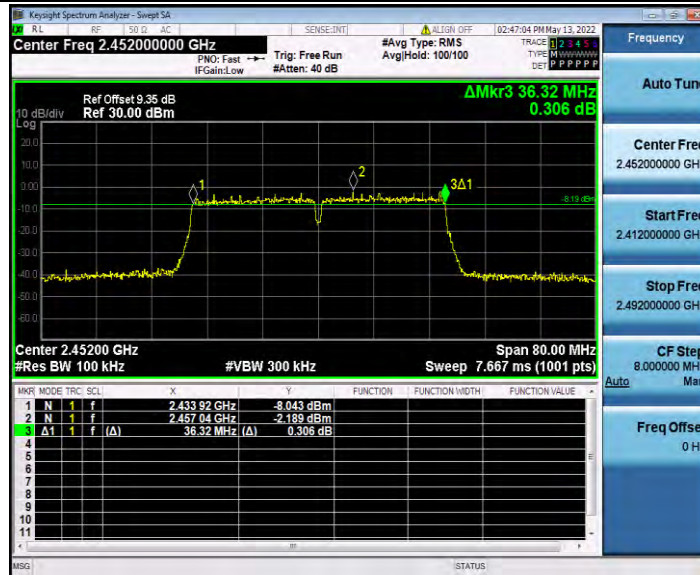
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



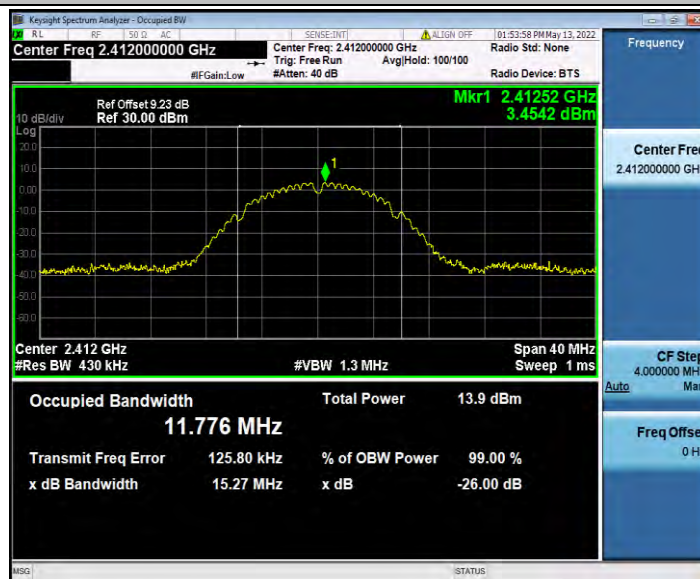
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.776	2406.238	2418.014	---	---
		2437	11.813	2431.166	2442.979	---	---
		2462	11.816	2456.172	2467.988	---	---
11G	Ant1	2412	17.200	2403.502	2420.702	---	---
		2437	17.212	2428.475	2445.687	---	---
		2462	17.141	2453.510	2470.651	---	---
11N20SISO	Ant1	2412	18.231	2402.973	2421.204	---	---
		2437	18.236	2427.913	2446.149	---	---
		2462	18.229	2452.923	2471.152	---	---
11N40SISO	Ant1	2422	36.498	2403.906	2440.404	---	---
		2437	36.562	2418.889	2455.451	---	---
		2452	36.503	2433.865	2470.368	---	---

Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



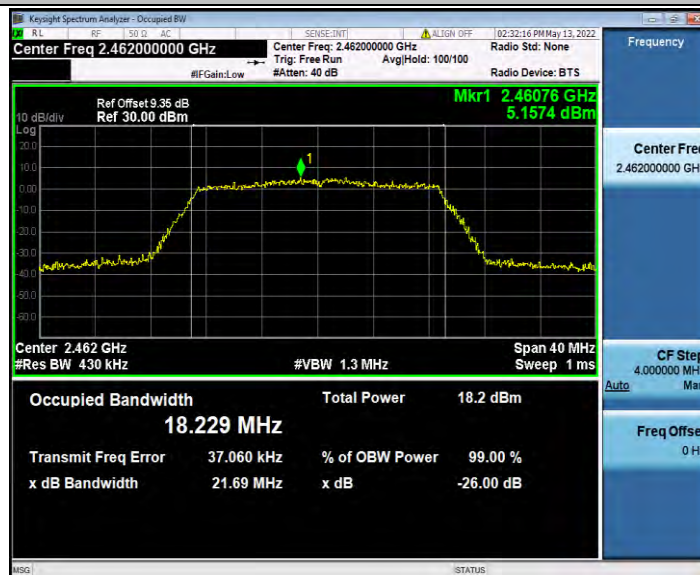
11N20SISO_Ant1_2412



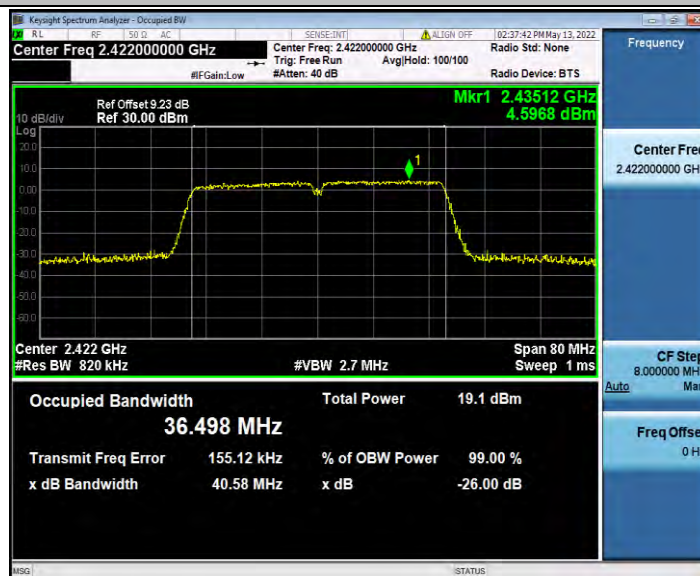
11N20SISO_Ant1_2437



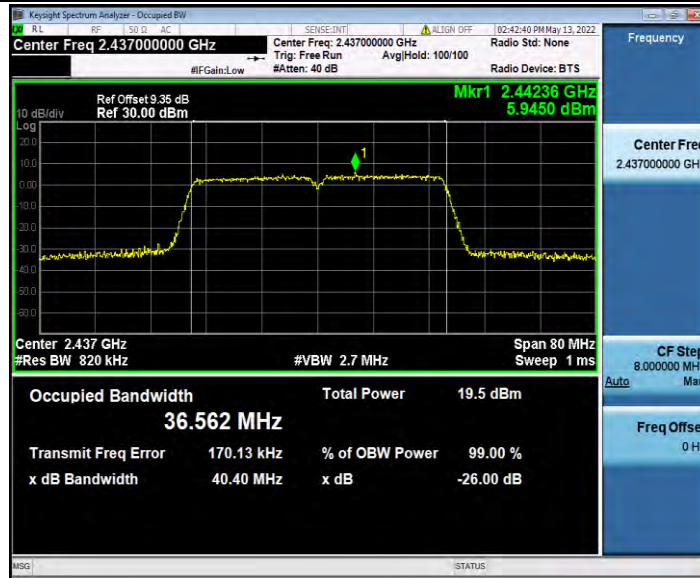
11N20SISO_Ant1_2462



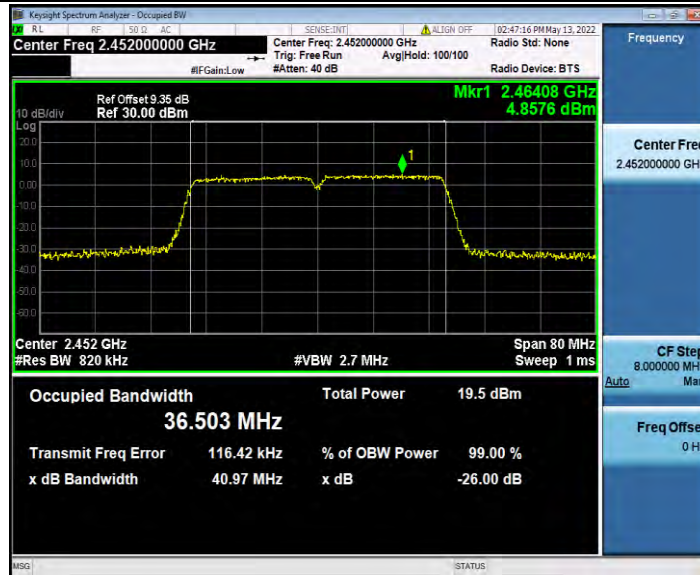
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix C.4: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.53	≤8.00	PASS
		2437	-11.04	≤8.00	PASS
		2462	-11.39	≤8.00	PASS
11G	Ant1	2412	-13.63	≤8.00	PASS
		2437	-13.05	≤8.00	PASS
		2462	-13.03	≤8.00	PASS
11N20SISO	Ant1	2412	-12.86	≤8.00	PASS
		2437	-12.04	≤8.00	PASS
		2462	-12.51	≤8.00	PASS
11N40SISO	Ant1	2422	-15.26	≤8.00	PASS
		2437	-14.66	≤8.00	PASS
		2452	-13.70	≤8.00	PASS

Test Graphs

11B_Ant1_2412



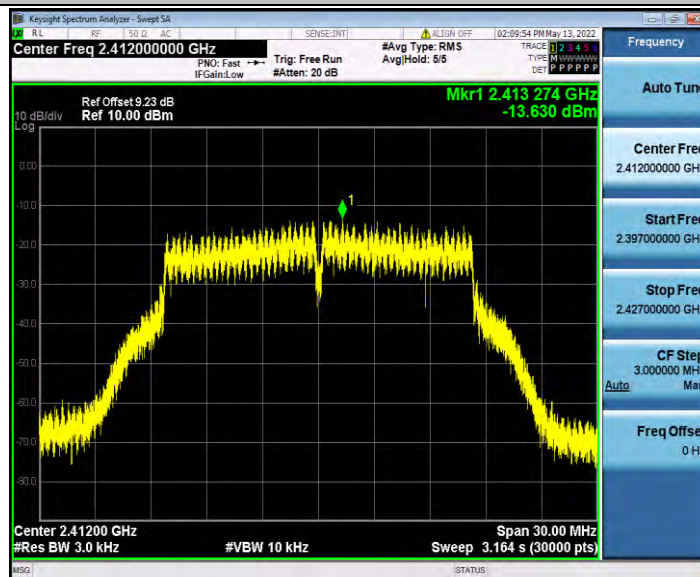
11B_Ant1_2437



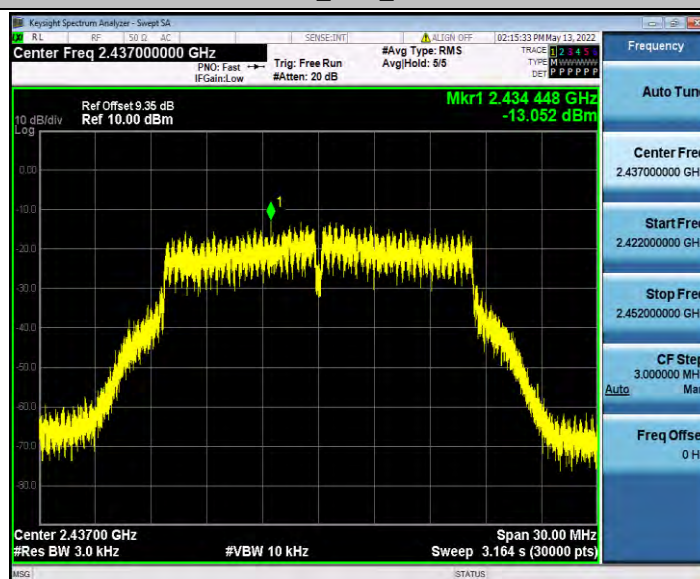
11B_Ant1_2462



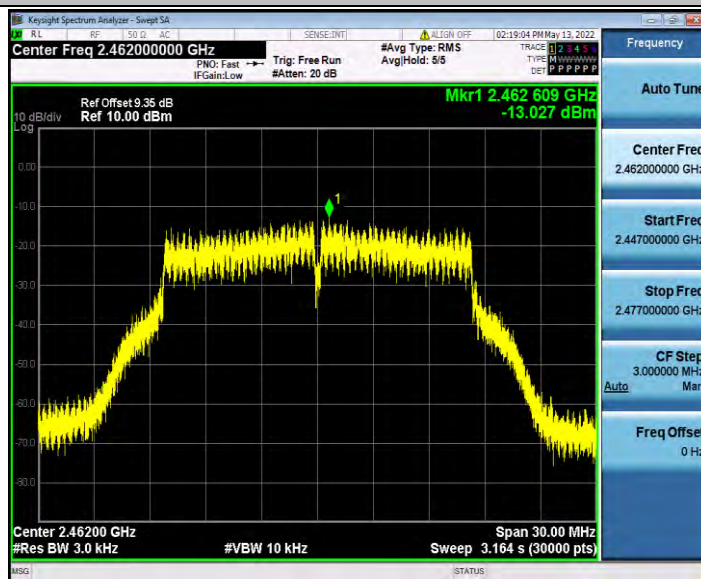
11G_Ant1_2412



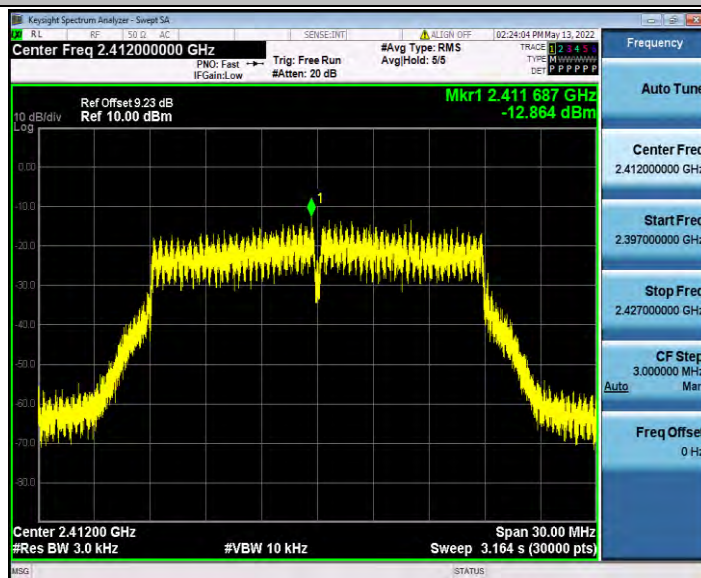
11G_Ant1_2437



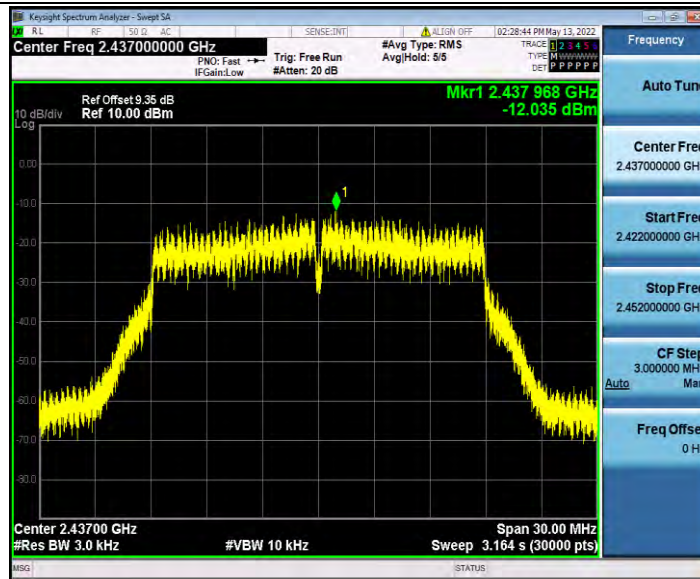
11G_Ant1_2462



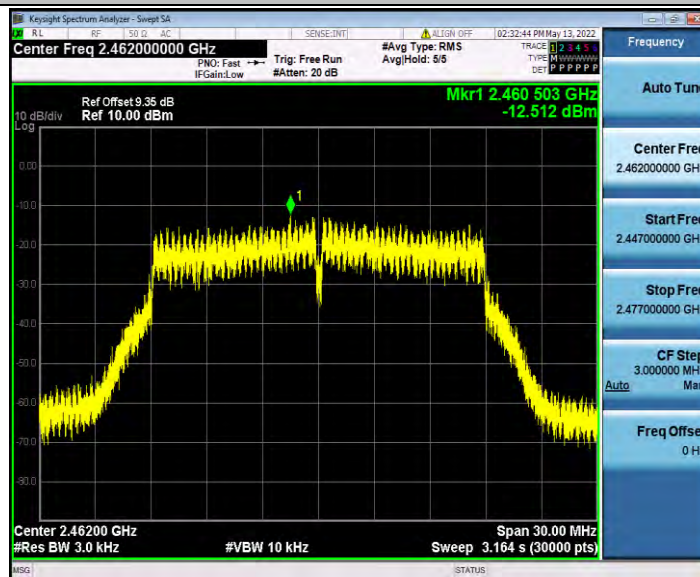
11N20SISO_Ant1_2412



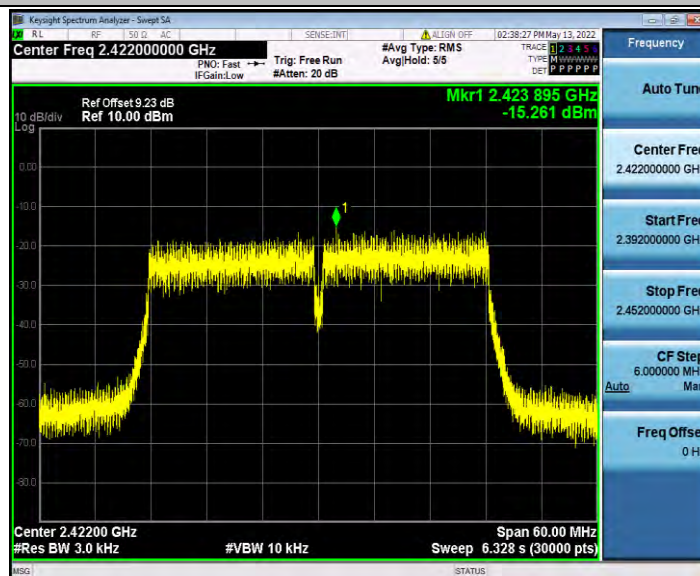
11N20SISO_Ant1_2437



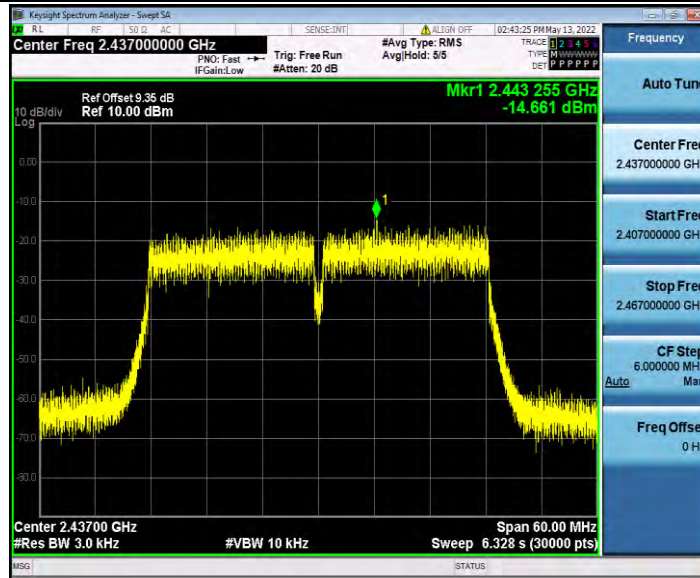
11N20SISO_Ant1_2462



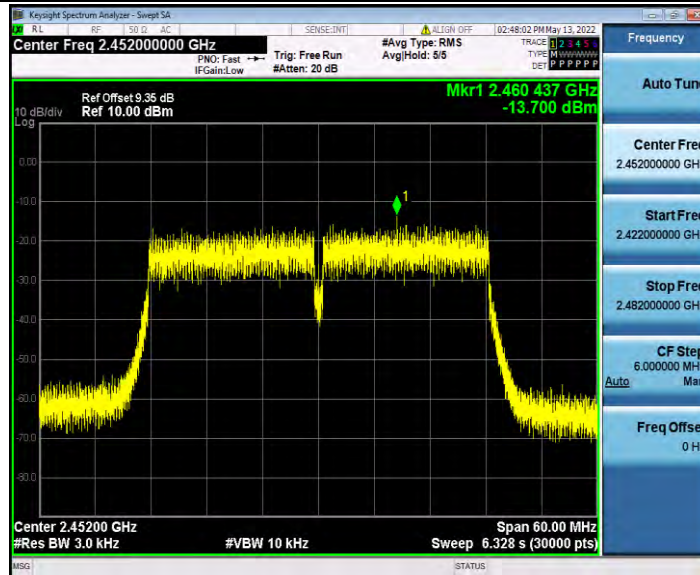
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



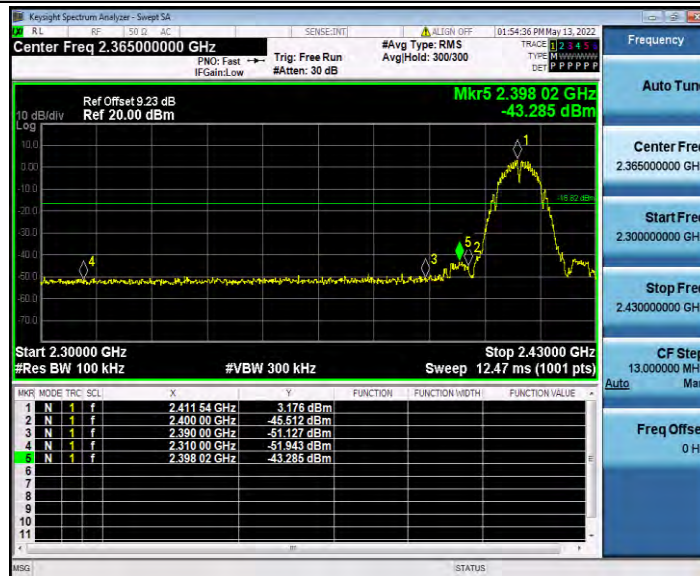
Appendix C.5: Band edge measurements

Test Result

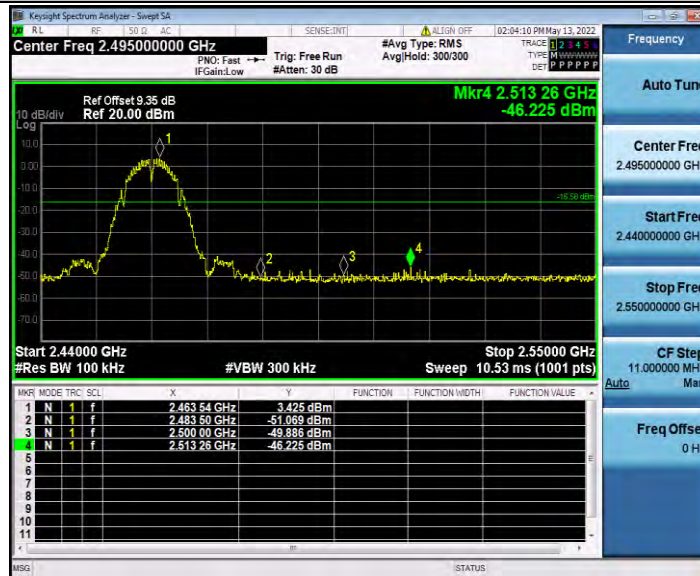
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	3.18	-43.29	≤-16.82	PASS
		High	2462	3.43	-46.23	≤-16.58	PASS
11G	Ant1	Low	2412	-0.18	-42.18	≤-20.18	PASS
		High	2462	0.16	-47.86	≤-19.85	PASS
11N20SISO	Ant1	Low	2412	0.01	-37.72	≤-19.99	PASS
		High	2462	0.71	-47.73	≤-19.29	PASS
11N40SISO	Ant1	Low	2422	-2.61	-38.06	≤-22.61	PASS
		High	2452	-2.03	-41.3	≤-22.03	PASS

Test Graphs

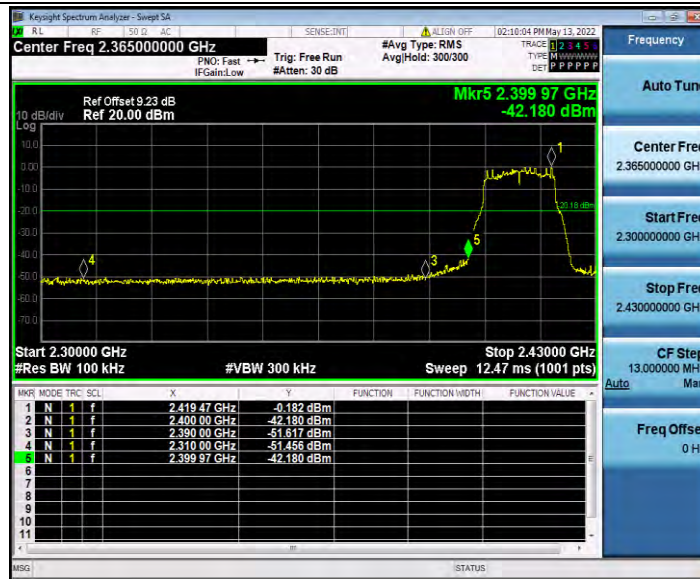
11B_Ant1_Low_2412



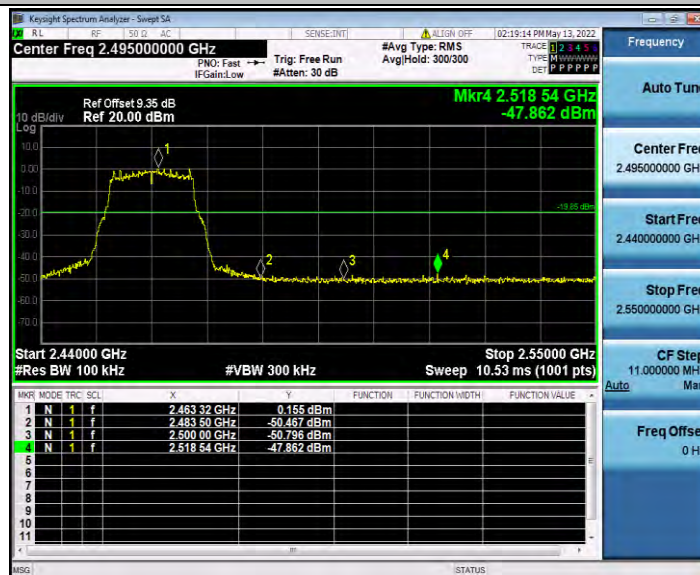
11B_Ant1_High_2462



11G_Ant1_Low_2412



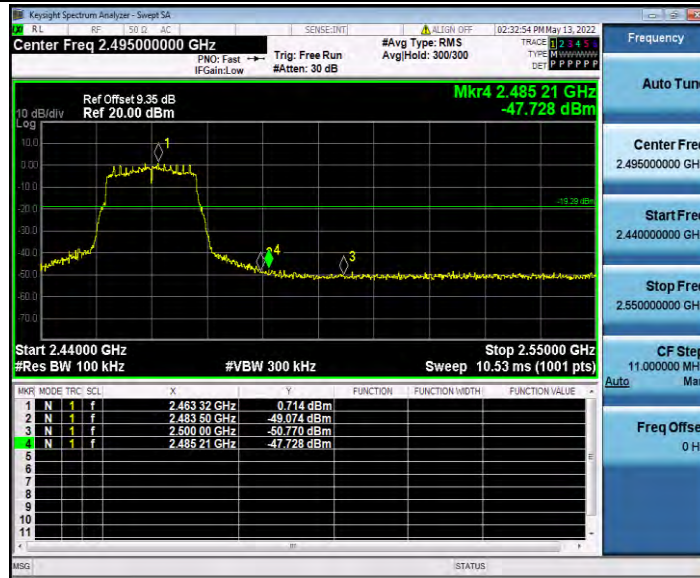
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.6: Conducted Spurious Emission

Test Result

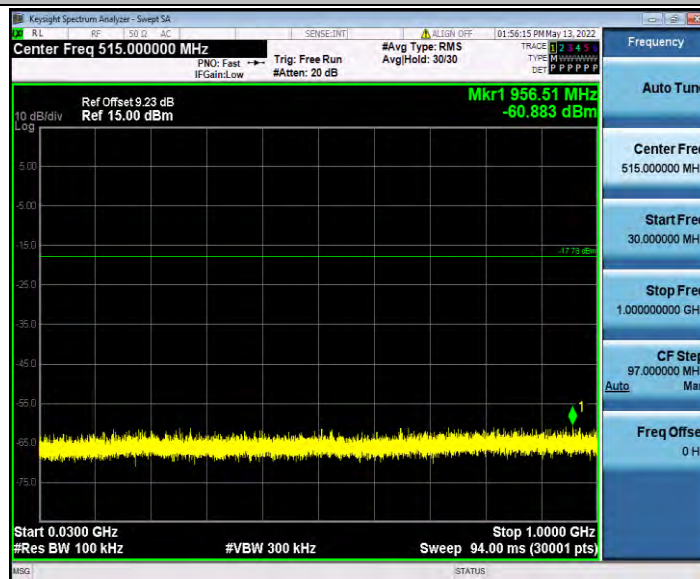
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	2.22	2.22	---	PASS
			30~1000	2.22	-60.88	≤ -17.78	PASS
			1000~26500	2.22	-47.92	≤ -17.78	PASS
		2437	Reference	2.82	2.82	---	PASS
			30~1000	2.82	-60.07	≤ -17.18	PASS
			1000~26500	2.82	-47.58	≤ -17.18	PASS
		2462	Reference	2.73	2.73	---	PASS
			30~1000	2.73	-60.24	≤ -17.27	PASS
			1000~26500	2.73	-47.64	≤ -17.27	PASS
11G	Ant1	2412	Reference	-1.87	-1.87	---	PASS
			30~1000	-1.87	-59.97	≤ -21.87	PASS
			1000~26500	-1.87	-47.65	≤ -21.87	PASS
		2437	Reference	-1.38	-1.38	---	PASS
			30~1000	-1.38	-59.81	≤ -21.38	PASS
			1000~26500	-1.38	-47.83	≤ -21.38	PASS
		2462	Reference	-1.79	-1.79	---	PASS
			30~1000	-1.79	-60.11	≤ -21.79	PASS
			1000~26500	-1.79	-47.68	≤ -21.79	PASS
11N20SISO	Ant1	2412	Reference	-1.56	-1.56	---	PASS
			30~1000	-1.56	-60.22	≤ -21.56	PASS
			1000~26500	-1.56	-47.85	≤ -21.56	PASS
		2437	Reference	0.13	0.13	---	PASS
			30~1000	0.13	-60.26	≤ -19.87	PASS
			1000~26500	0.13	-47.12	≤ -19.87	PASS
		2462	Reference	-1.90	-1.90	---	PASS
			30~1000	-1.90	-59.5	≤ -21.9	PASS
			1000~26500	-1.90	-48.02	≤ -21.9	PASS
11N40SISO	Ant1	2422	Reference	-2.62	-2.62	---	PASS
			30~1000	-2.62	-59.75	≤ -22.62	PASS
			1000~26500	-2.62	-47.2	≤ -22.62	PASS
		2437	Reference	-2.01	-2.01	---	PASS
			30~1000	-2.01	-59.82	≤ -22.01	PASS
			1000~26500	-2.01	-46.87	≤ -22.01	PASS
		2452	Reference	-2.26	-2.26	---	PASS
			30~1000	-2.26	-58.84	≤ -22.26	PASS
			1000~26500	-2.26	-47.22	≤ -22.26	PASS

Test Graphs

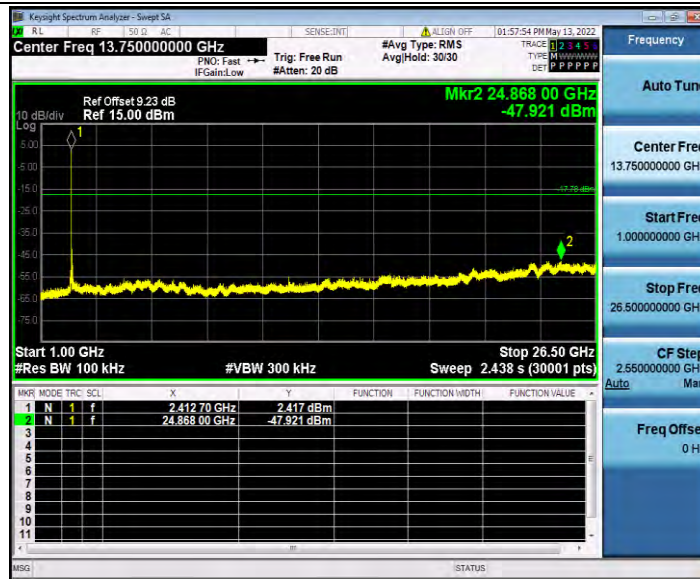
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



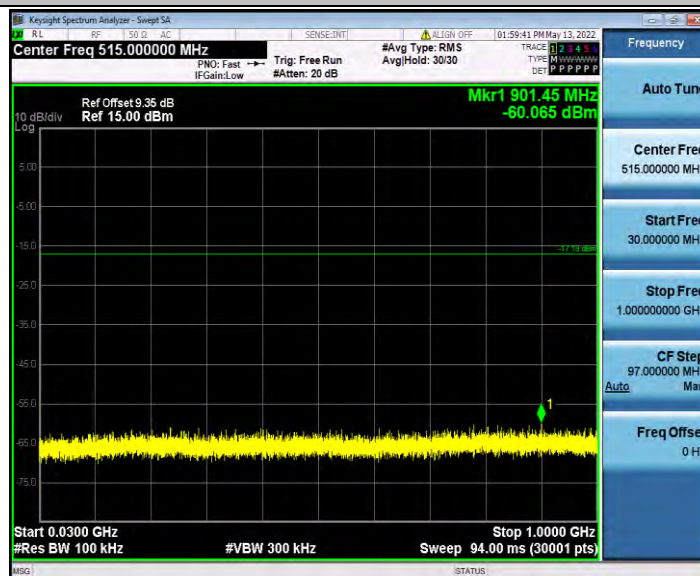
11B_Ant1_2412_1000~26500



11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



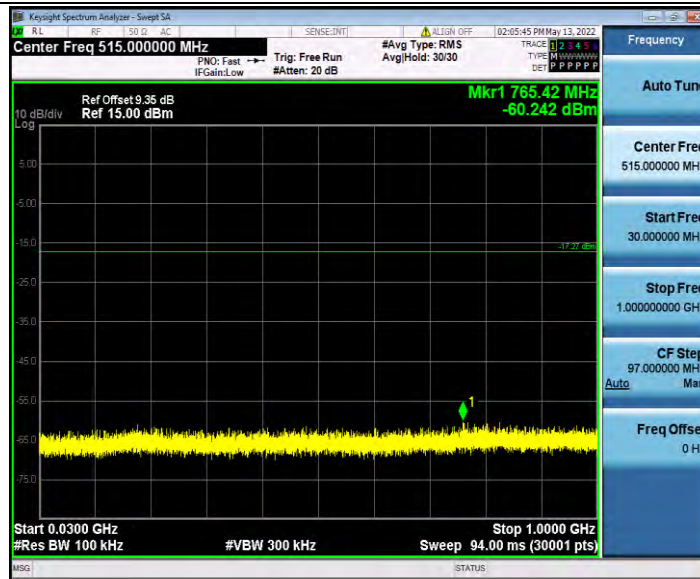
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



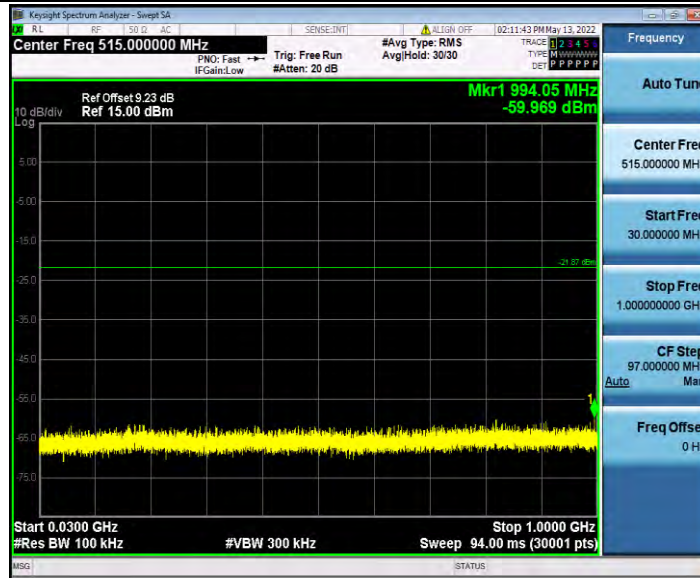
11B_Ant1_2462_1000~26500



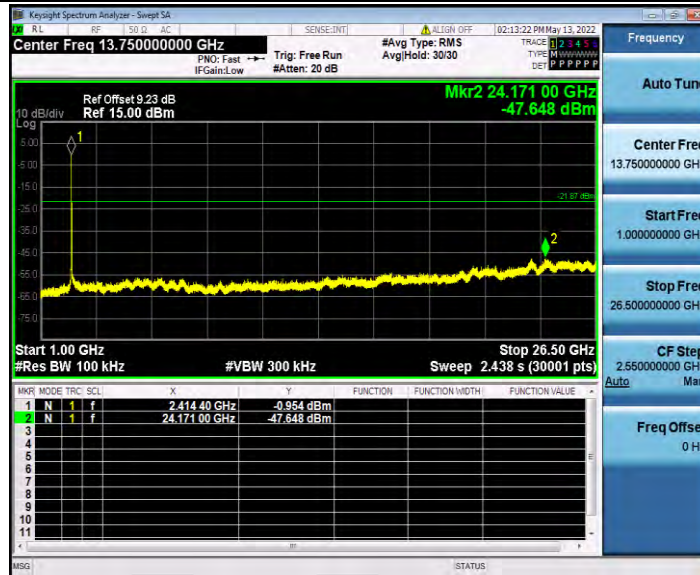
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



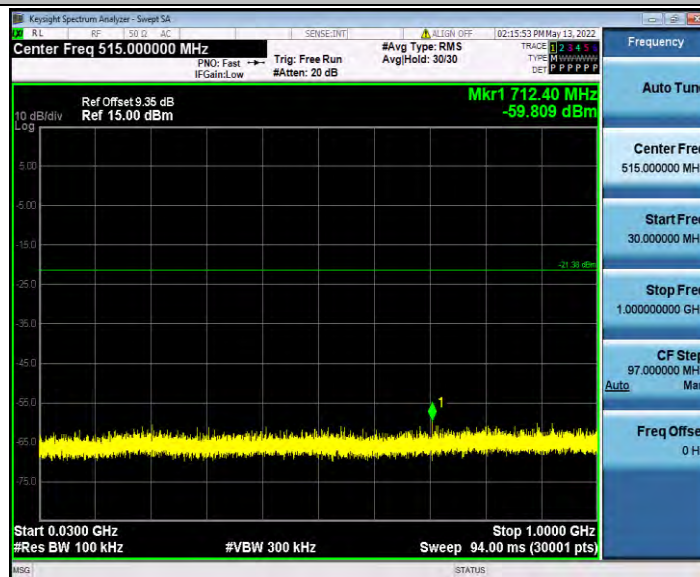
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



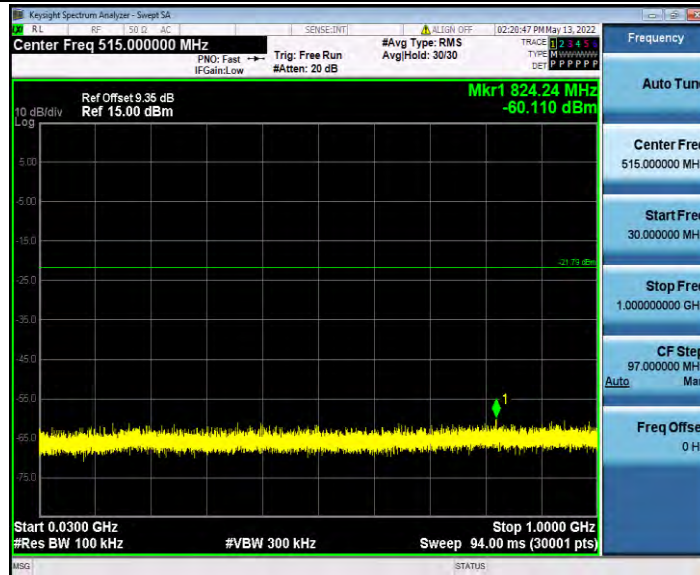
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



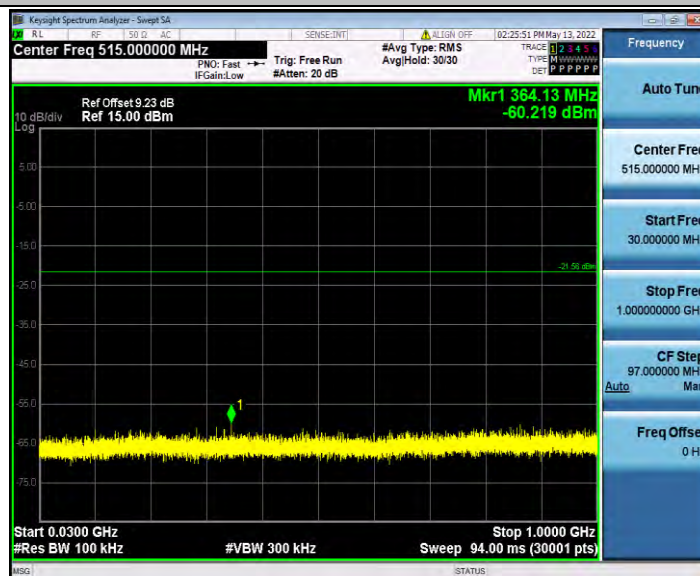
11G_Ant1_2462_1000~26500



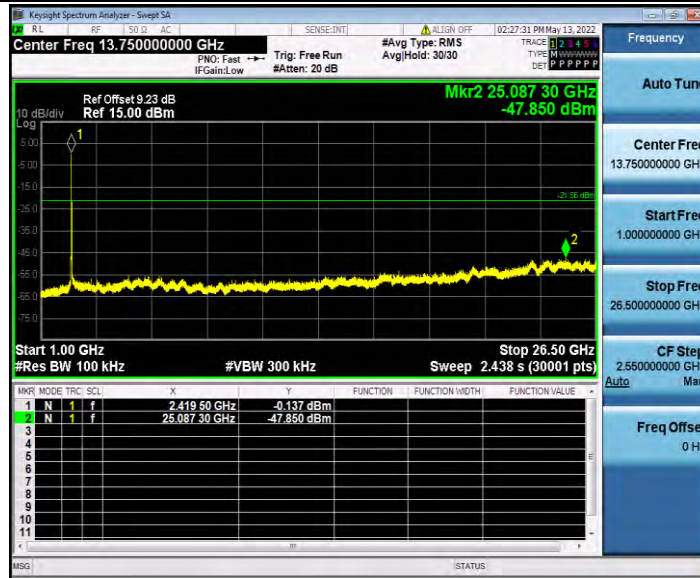
11N20SISO_Ant1_2412_0~Reference



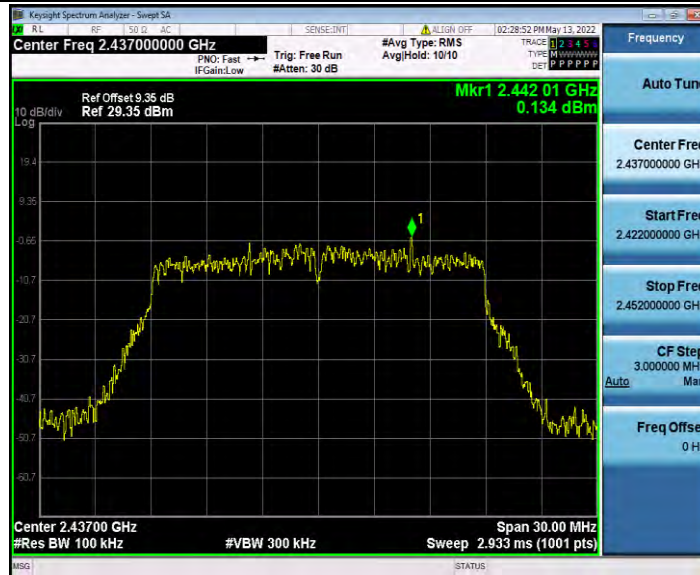
11N20SISO_Ant1_2412_30~1000



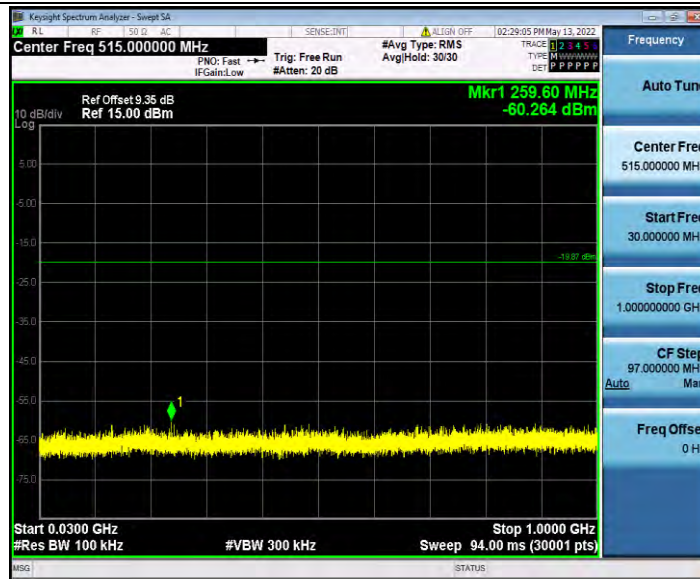
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



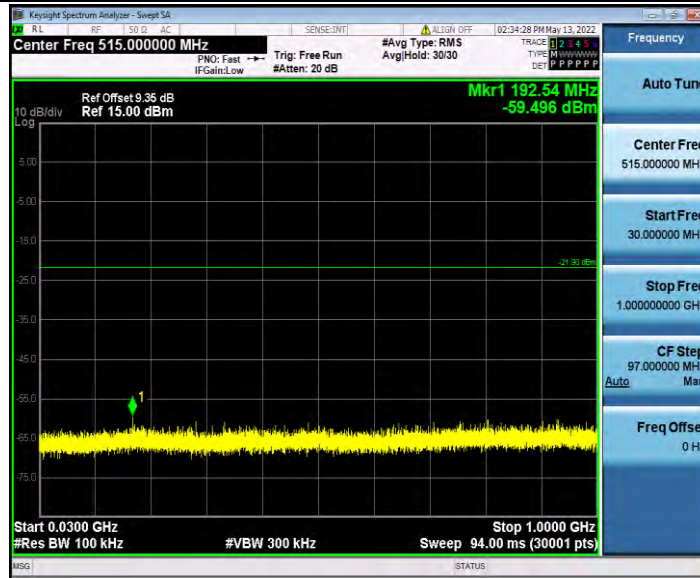
11N20SISO_Ant1_2437_1000~26500



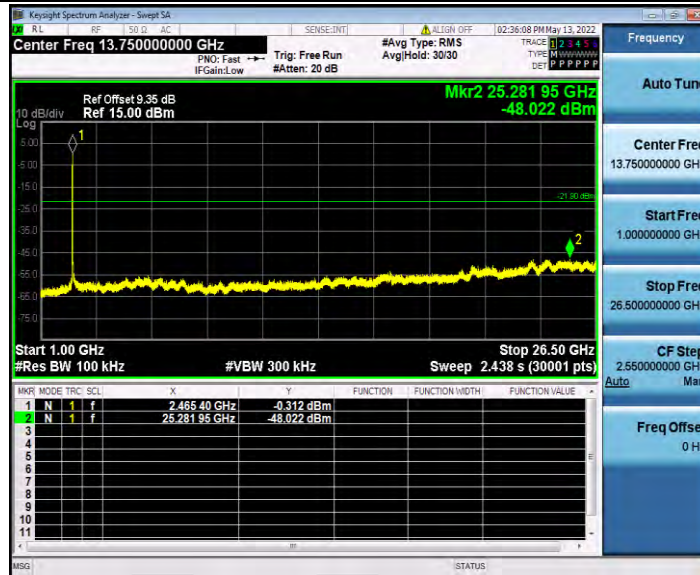
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



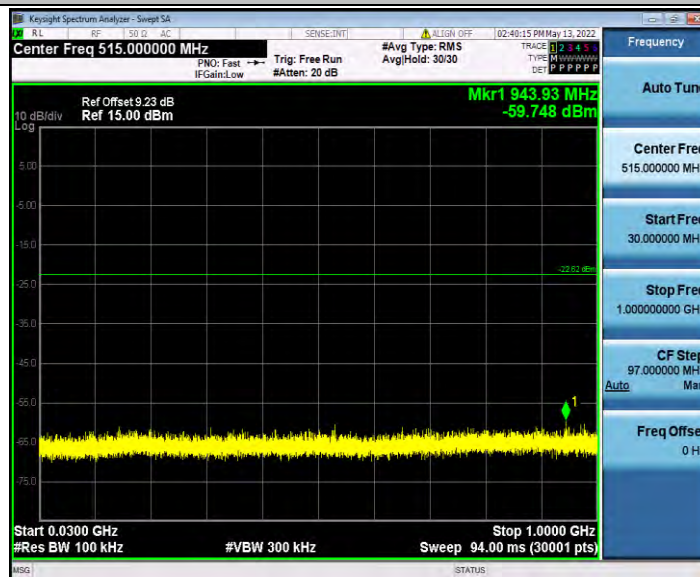
11N20SISO_Ant1_2462_1000~26500



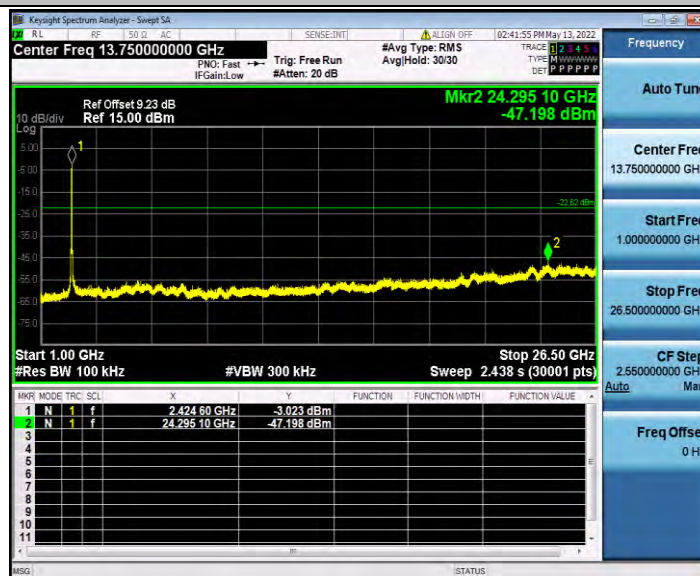
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



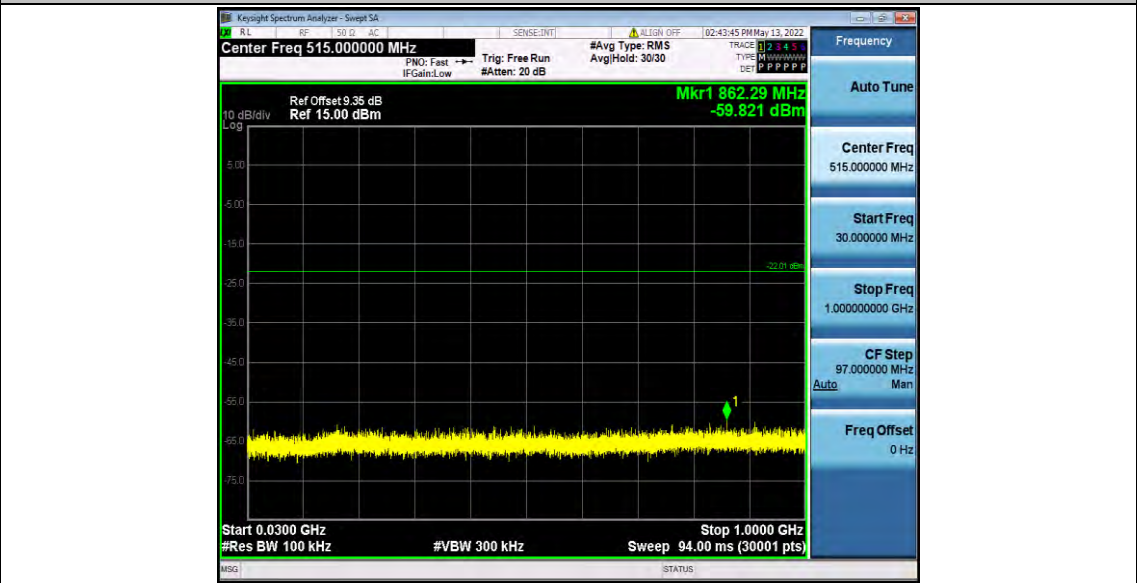
11N40SISO_Ant1_2422_1000~26500



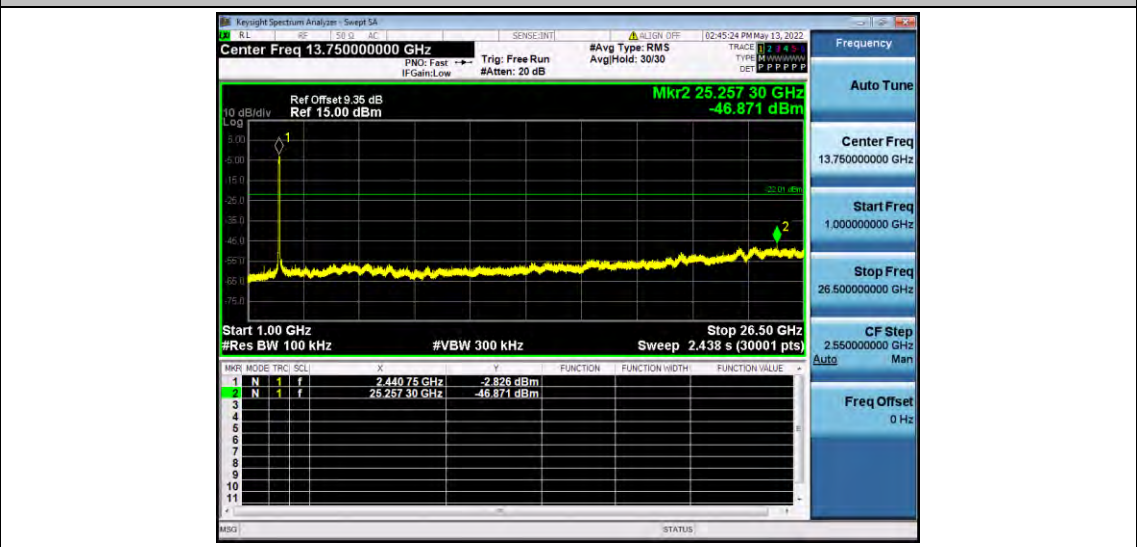
11N40SISO_Ant1_2437_0~Reference



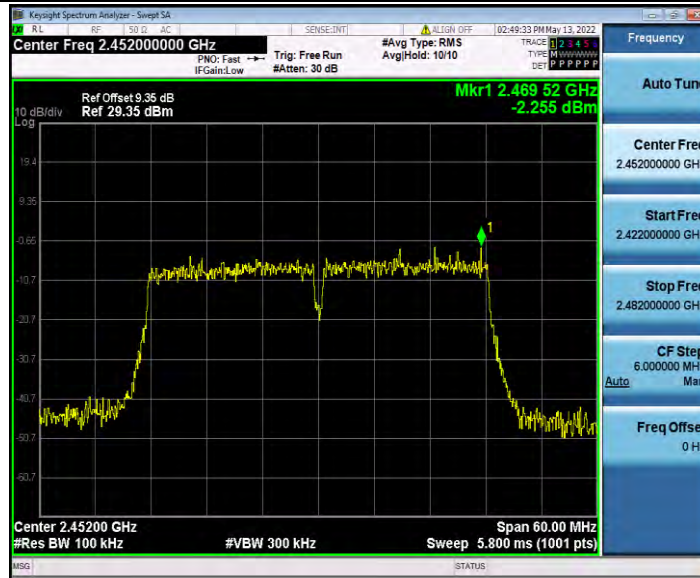
11N40SISO_Ant1_2437_30~1000



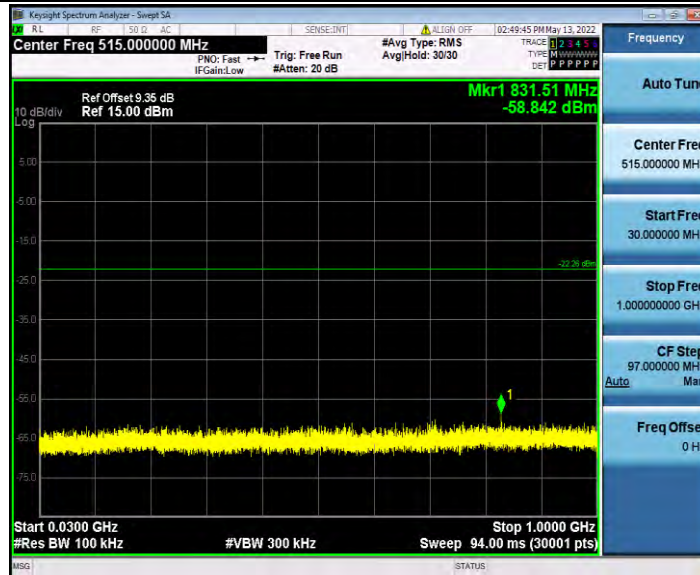
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

