

Case No. : GTS20220510015-1-8	
Ambient Condition: 24 °C, 42 %RH,	
Test Date: 2022/6/6	Test Engineer: Jenny Zeng

Appendix C.1: DTS Bandwidth

Test Result

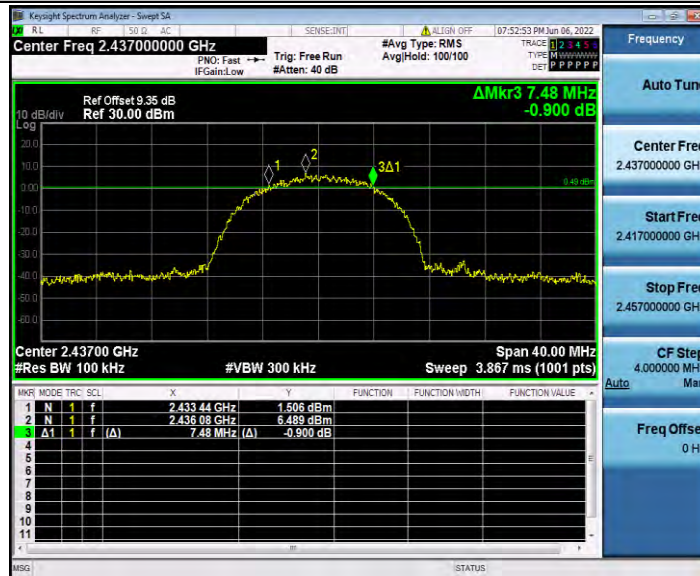
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.400	2408.400	2415.800	0.5	PASS
		2437	7.480	2433.440	2440.920	0.5	PASS
		2462	7.680	2458.080	2465.760	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.360	2428.840	2445.200	0.5	PASS
		2462	16.400	2453.800	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.720	2403.160	2420.880	0.5	PASS
		2437	17.720	2428.160	2445.880	0.5	PASS
		2462	17.720	2453.160	2470.880	0.5	PASS

Test Graphs

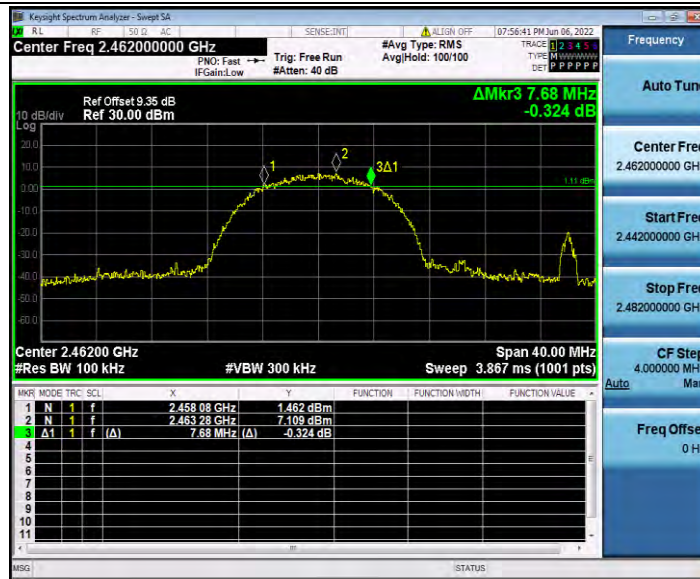
11B_Ant1_2412



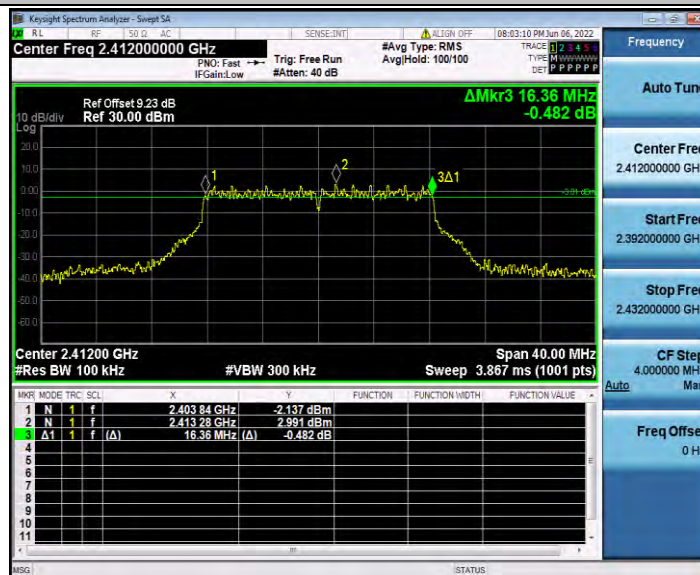
11B_Ant1_2437



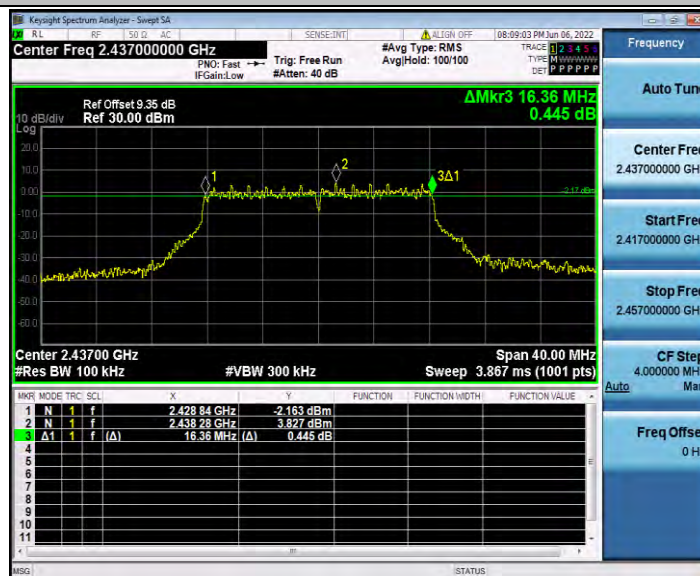
11B_Ant1_2462



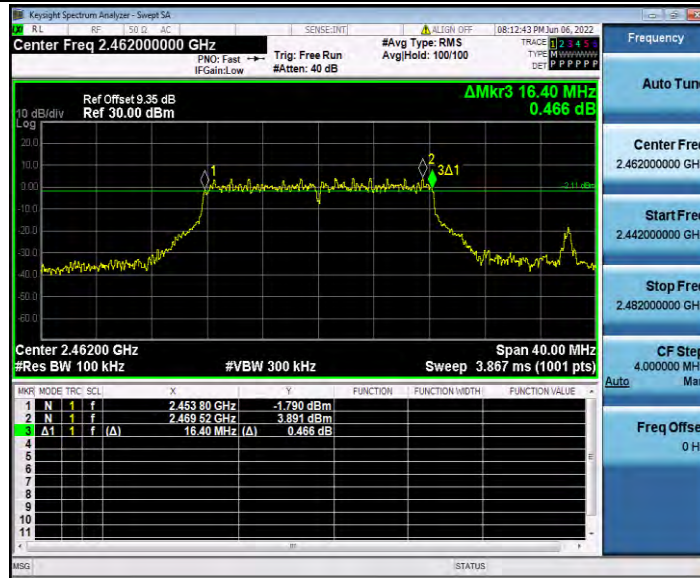
11G_Ant1_2412



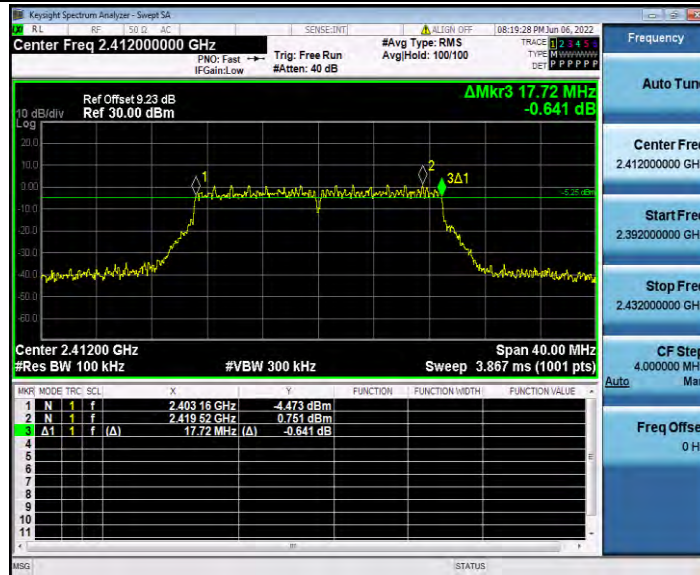
11G_Ant1_2437



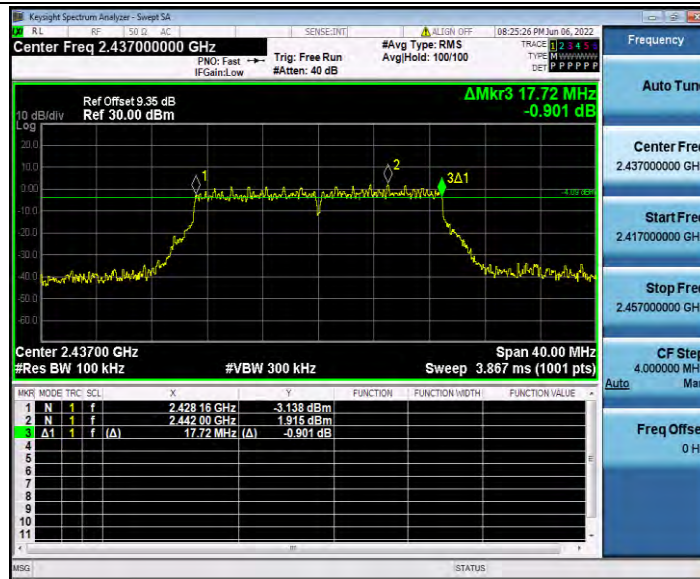
11G_Ant1_2462



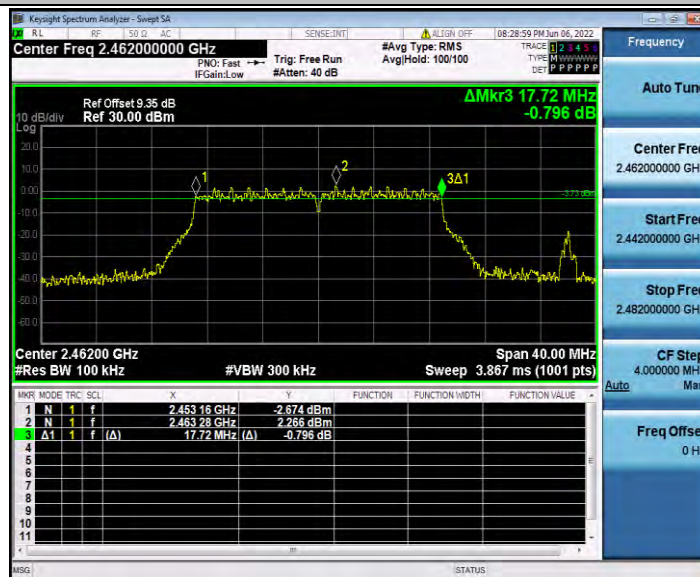
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



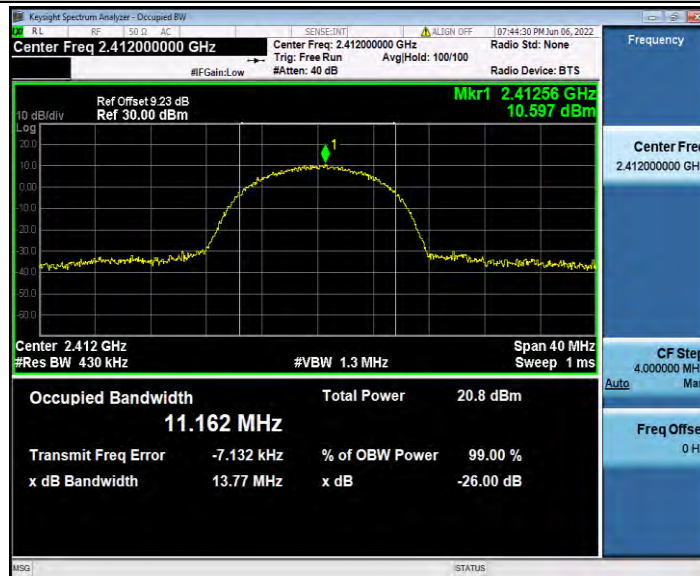
Appendix C.2: Occupied Channel Bandwidth

Test Result

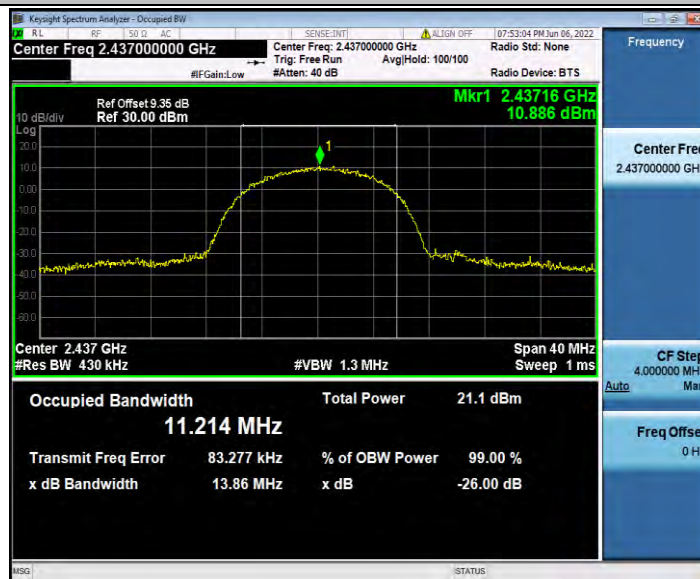
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.162	2406.412	2417.574	---	---
		2437	11.214	2431.476	2442.690	---	---
		2462	11.213	2456.429	2467.642	---	---
11G	Ant1	2412	16.928	2403.597	2420.525	---	---
		2437	16.956	2428.646	2445.602	---	---
		2462	17.017	2453.594	2470.611	---	---
11N20SISO	Ant1	2412	18.108	2402.957	2421.065	---	---
		2437	18.205	2428.006	2446.211	---	---
		2462	18.150	2453.004	2471.154	---	---

Test Graphs

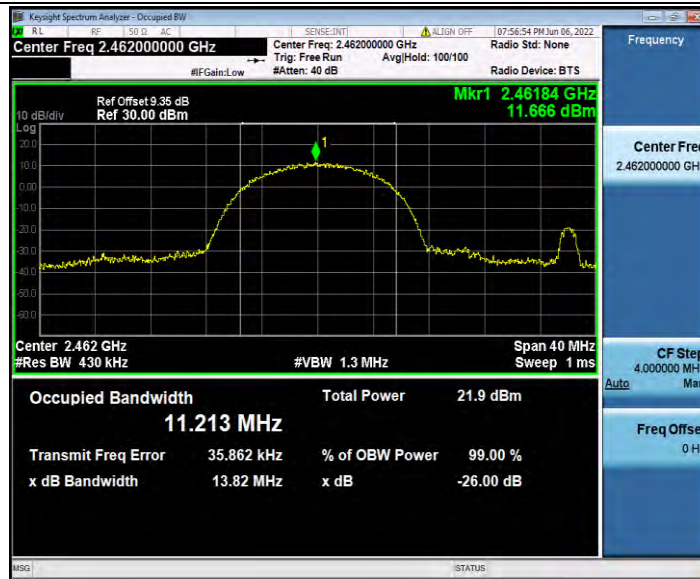
11B_Ant1_2412



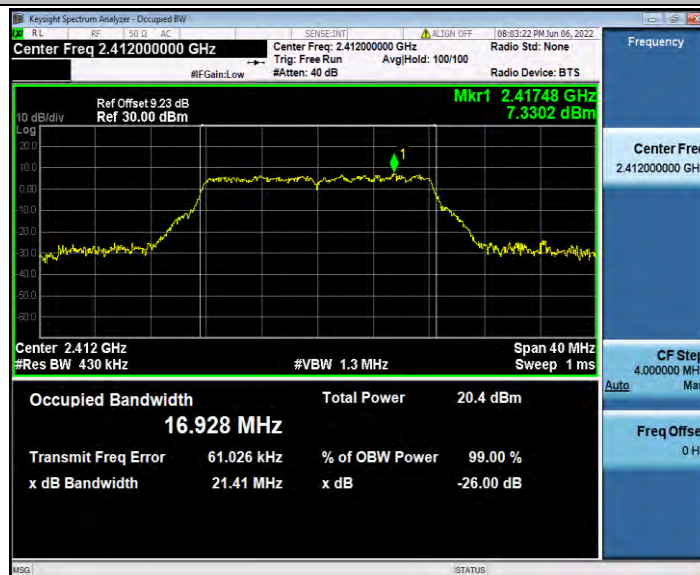
11B_Ant1_2437



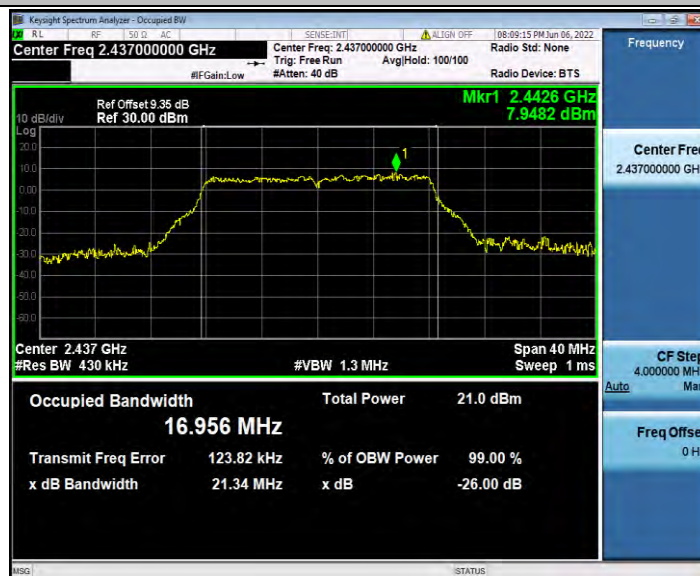
11B_Ant1_2462



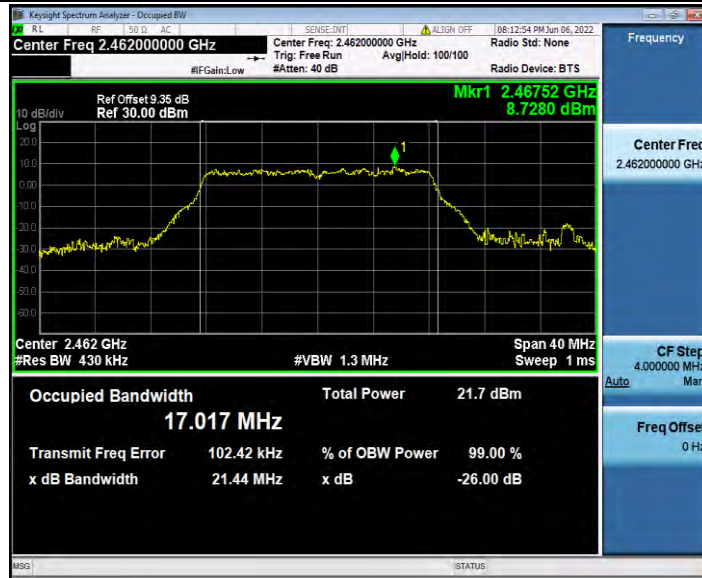
11G_Ant1_2412



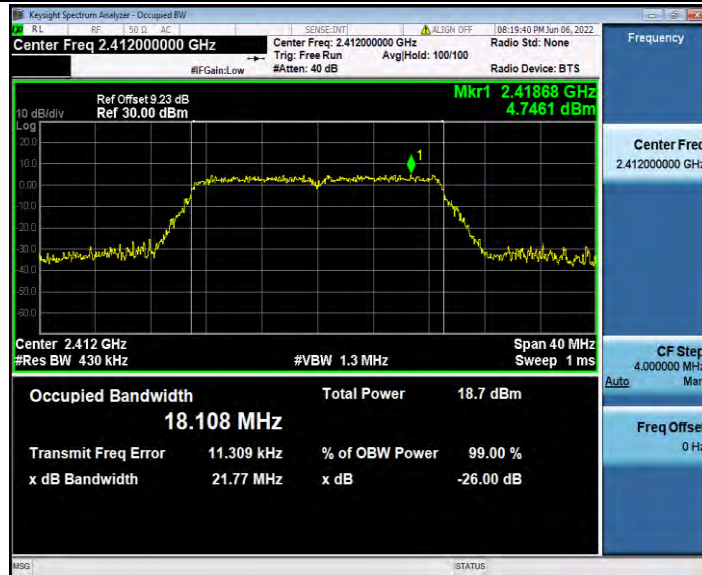
11G_Ant1_2437



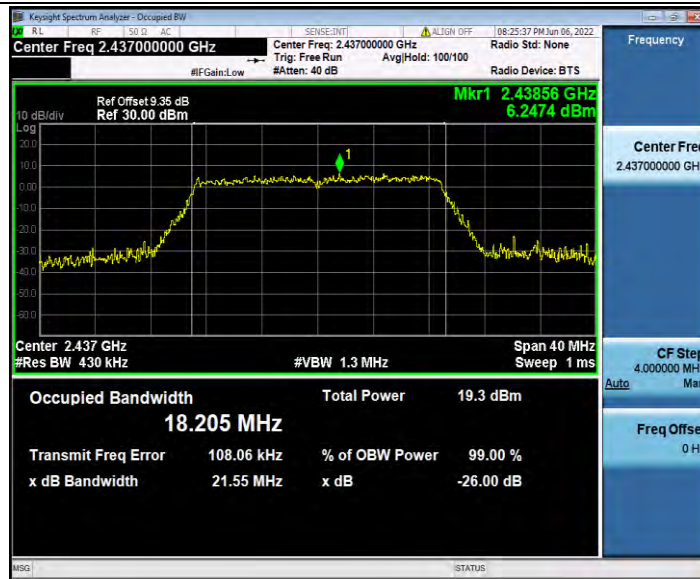
11G_Ant1_2462



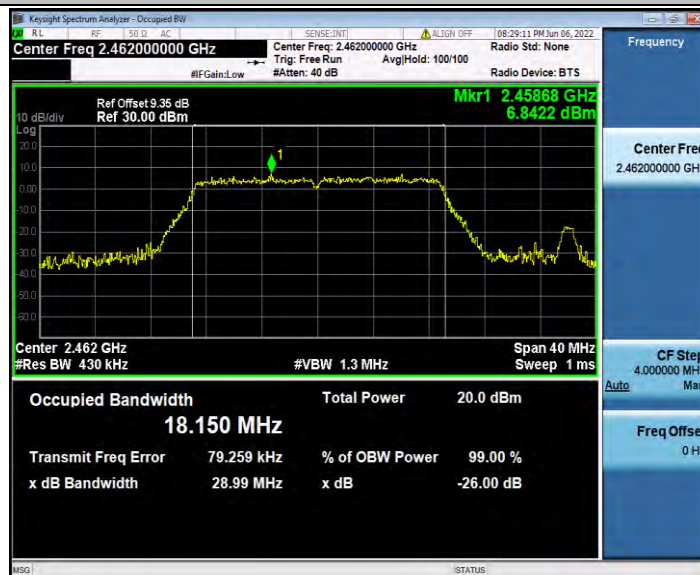
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



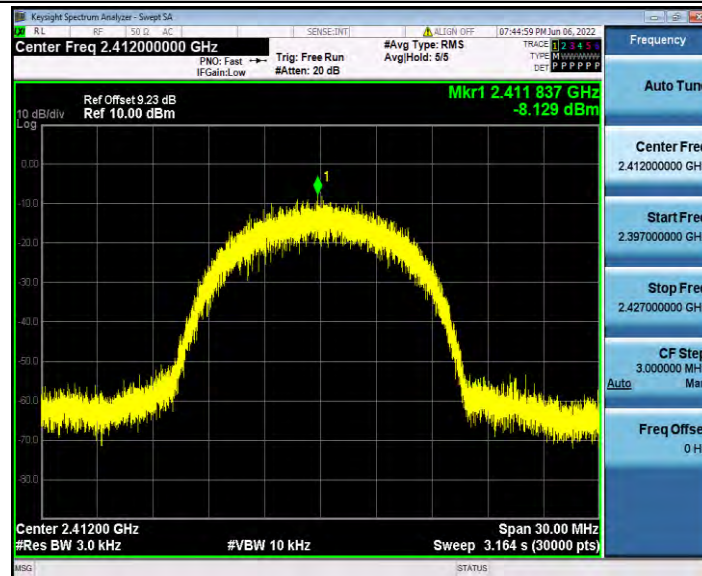
Appendix C.3: Maximum power spectral density

Test Result

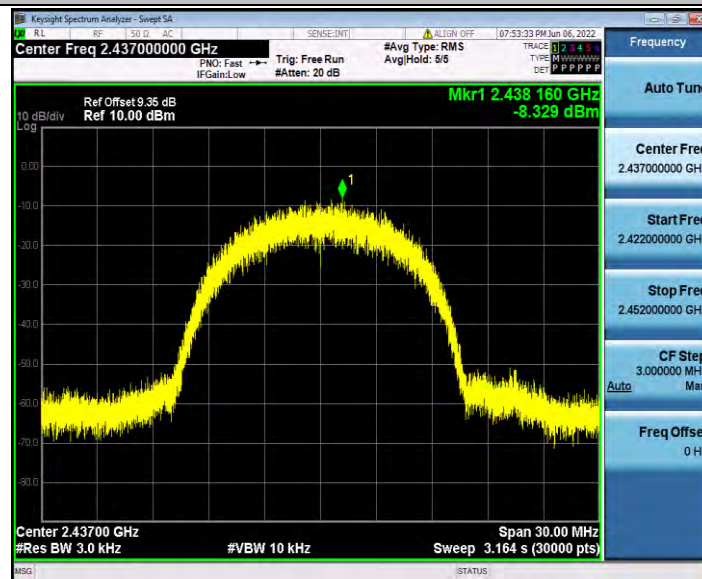
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.13	≤8.00	PASS
		2437	-8.33	≤8.00	PASS
		2462	-7.57	≤8.00	PASS
11G	Ant1	2412	-13.29	≤8.00	PASS
		2437	-13.35	≤8.00	PASS
		2462	-12.05	≤8.00	PASS
11N20SISO	Ant1	2412	-13.43	≤8.00	PASS
		2437	-12.69	≤8.00	PASS
		2462	-12.82	≤8.00	PASS

Test Graphs

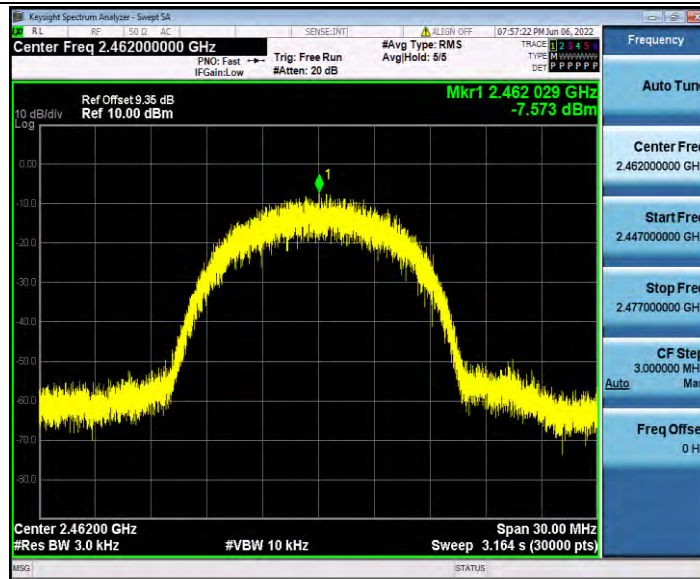
11B_Ant1_2412



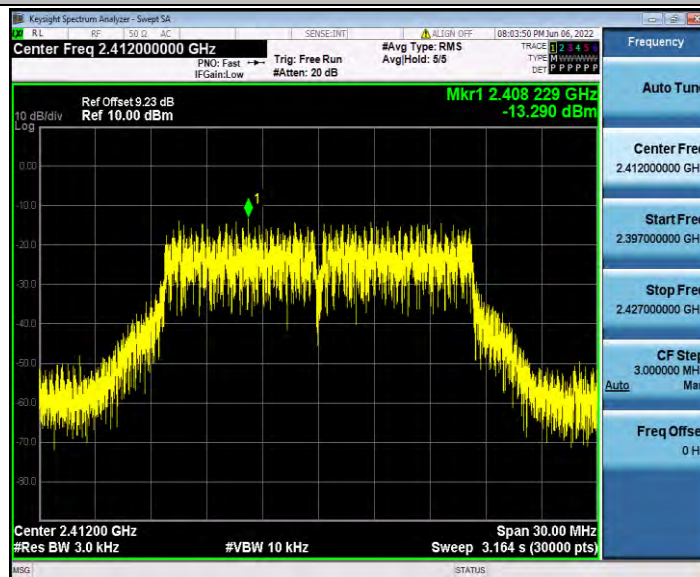
11B_Ant1_2437



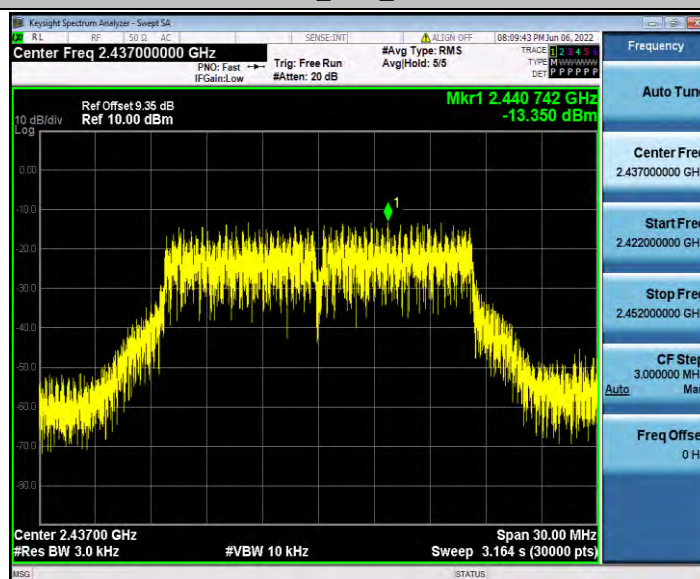
11B_Ant1_2462



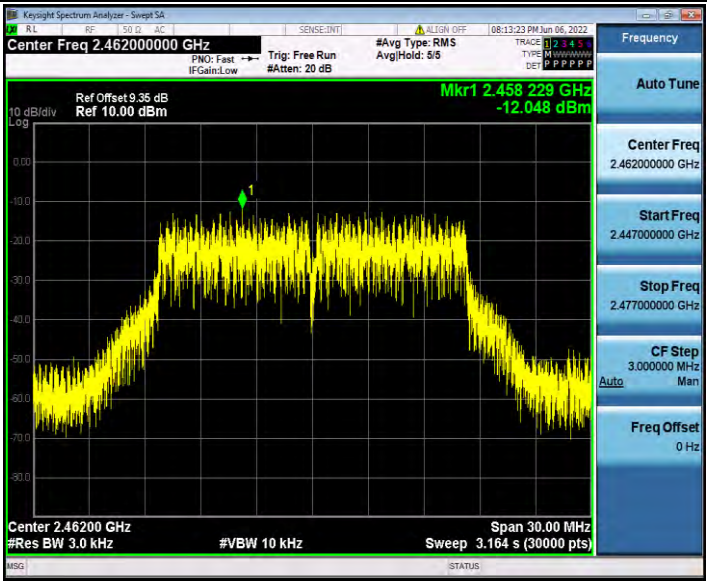
11G_Ant1_2412



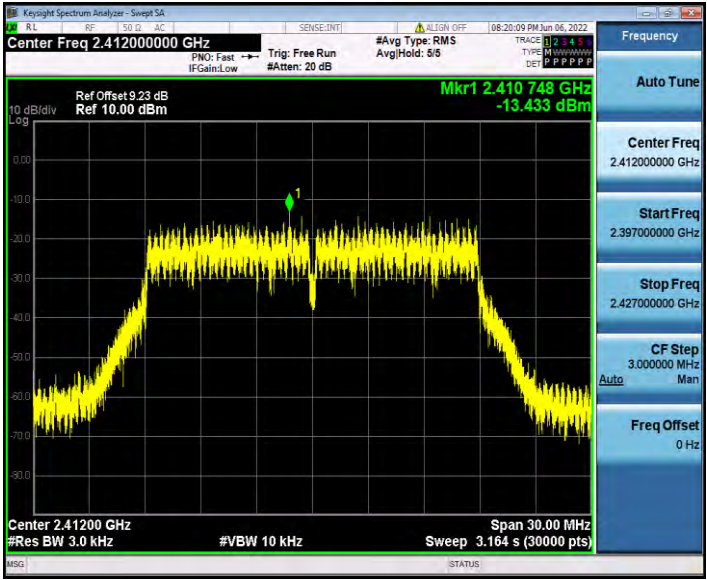
11G_Ant1_2437



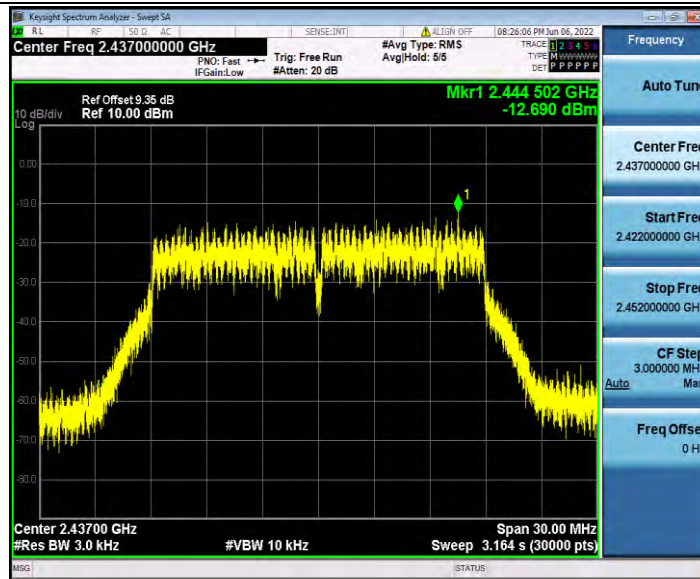
11G_Ant1_2462



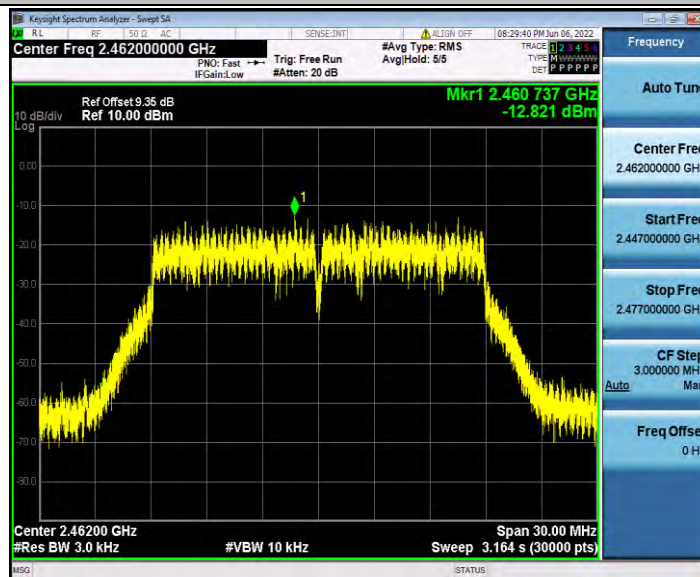
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



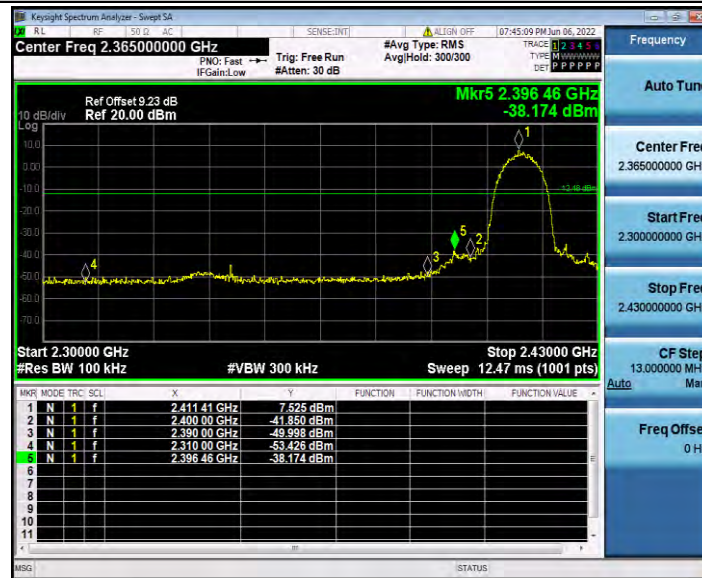
Appendix C.4: Band edge measurements

Test Result

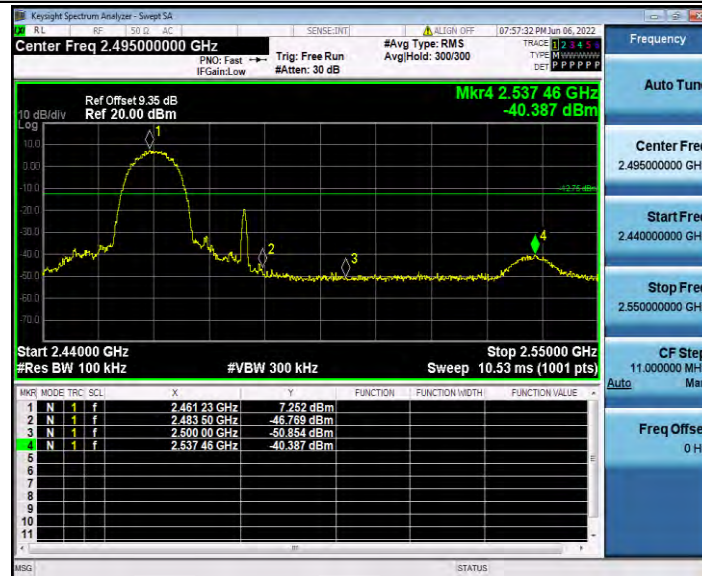
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	7.53	-38.17	≤-12.48	PASS
		High	2462	7.25	-40.39	≤-12.75	PASS
11G	Ant1	Low	2412	2.96	-32.09	≤-17.04	PASS
		High	2462	4.52	-36.72	≤-15.48	PASS
11N20SISO	Ant1	Low	2412	1.00	-33.86	≤-19.01	PASS
		High	2462	2.13	-38.45	≤-17.87	PASS

Test Graphs

11B_Ant1_Low_2412



11B_Ant1_High_2462



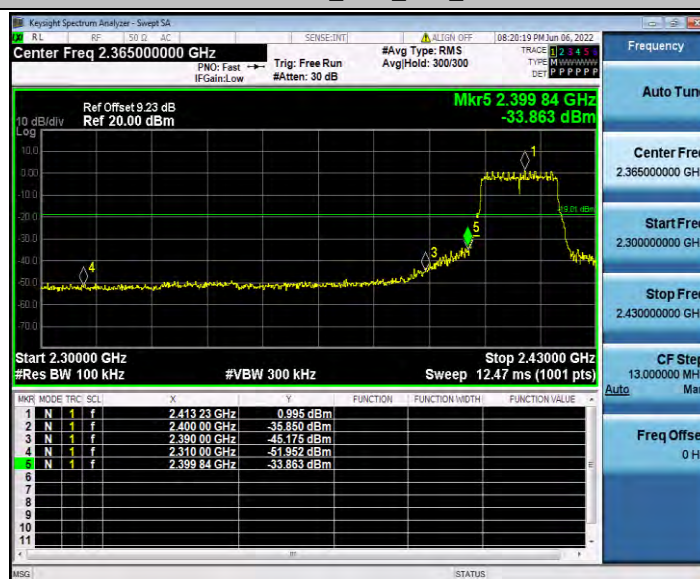
11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



Appendix C.5: Conducted Spurious Emission

Test Result

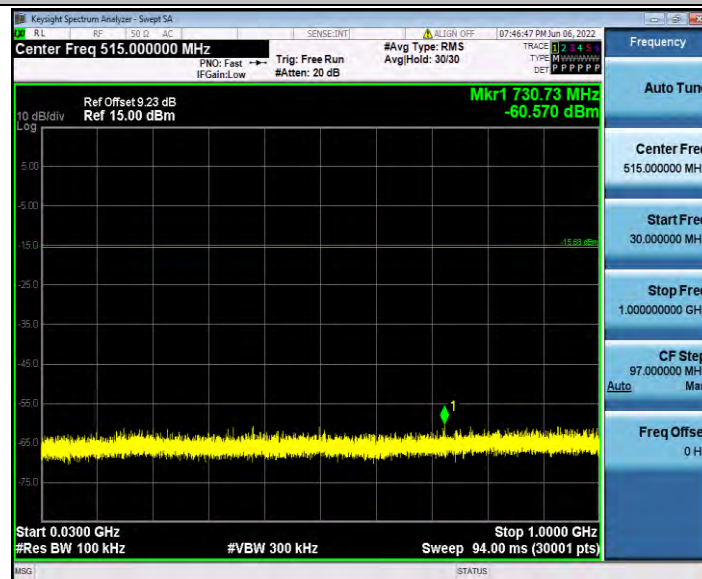
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.32	4.32	---	PASS
			30~1000	4.32	-60.57	≤-15.68	PASS
			1000~26500	4.32	-46.82	≤-15.68	PASS
		2437	Reference	5.09	5.09	---	PASS
			30~1000	5.09	-60.16	≤-14.91	PASS
			1000~26500	5.09	-45.61	≤-14.91	PASS
		2462	Reference	5.77	5.77	---	PASS
			30~1000	5.77	-60.06	≤-14.23	PASS
			1000~26500	5.77	-46.04	≤-14.23	PASS
11G	Ant1	2412	Reference	2.18	2.18	---	PASS
			30~1000	2.18	-60.18	≤-17.82	PASS
			1000~26500	2.18	-45.58	≤-17.82	PASS
		2437	Reference	3.32	3.32	---	PASS
			30~1000	3.32	-60.51	≤-16.68	PASS
			1000~26500	3.32	-45.34	≤-16.68	PASS
		2462	Reference	3.90	3.90	---	PASS
			30~1000	3.90	-60.6	≤-16.1	PASS
			1000~26500	3.90	-45.8	≤-16.1	PASS
11N20SISO	Ant1	2412	Reference	0.31	0.31	---	PASS
			30~1000	0.31	-60.73	≤-19.69	PASS
			1000~26500	0.31	-46.59	≤-19.69	PASS
		2437	Reference	1.35	1.35	---	PASS
			30~1000	1.35	-59.39	≤-18.65	PASS
			1000~26500	1.35	-46	≤-18.65	PASS
		2462	Reference	1.92	1.92	---	PASS
			30~1000	1.92	-60.19	≤-18.08	PASS
			1000~26500	1.92	-45.5	≤-18.08	PASS

Test Graphs

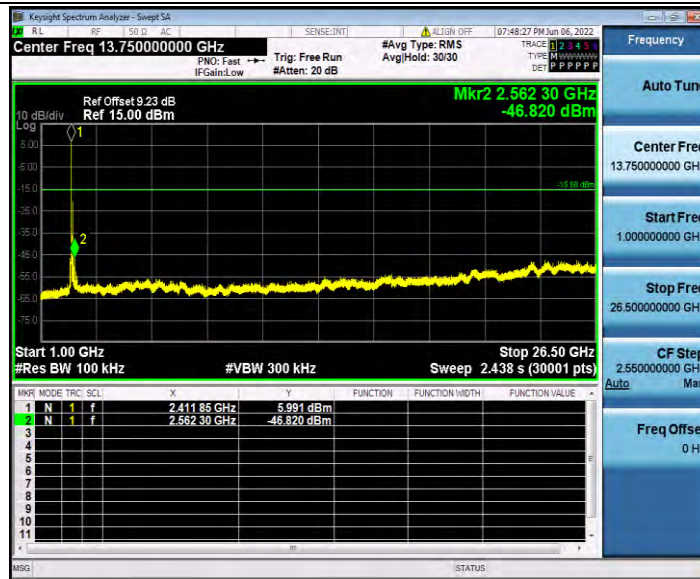
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



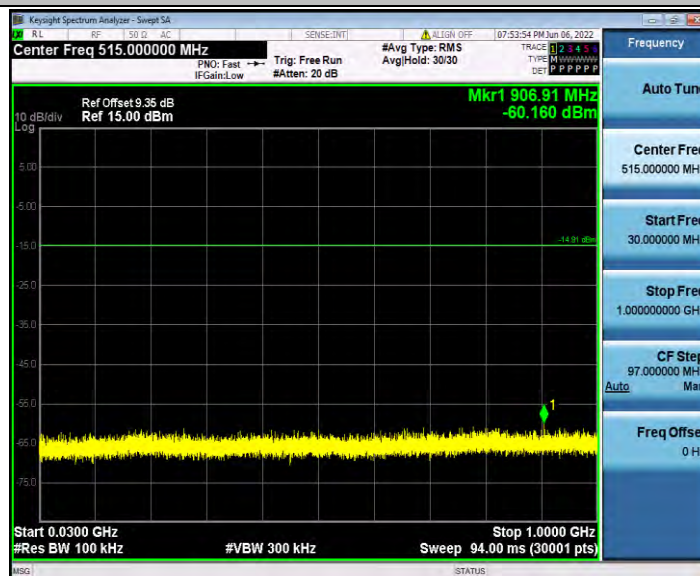
11B_Ant1_2412_1000~26500



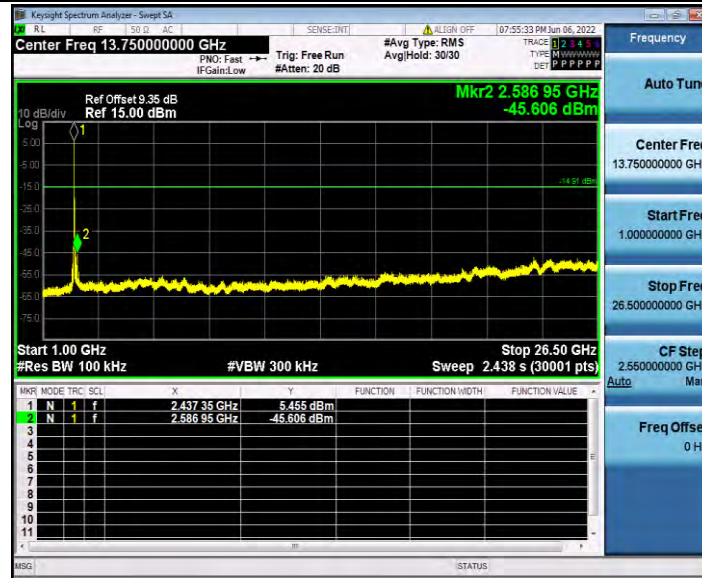
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



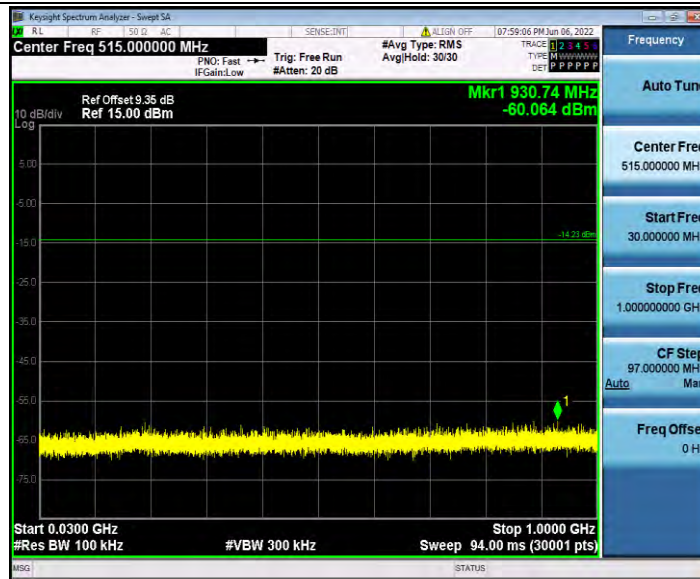
11B_Ant1_2437_1000~26500



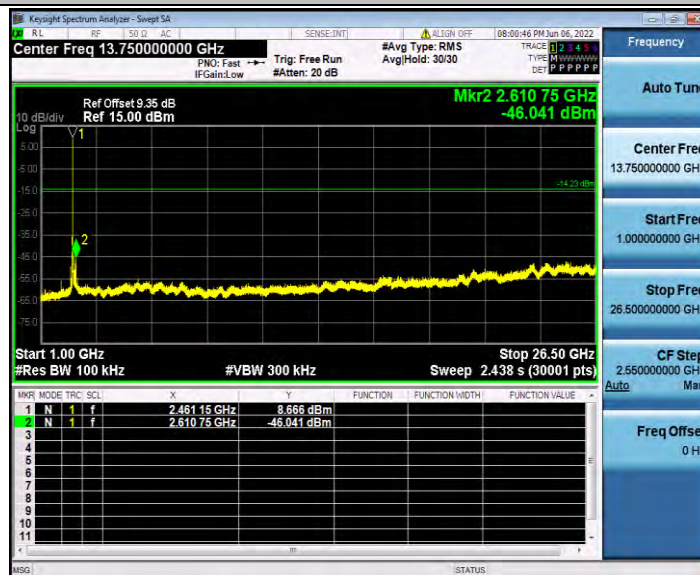
11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



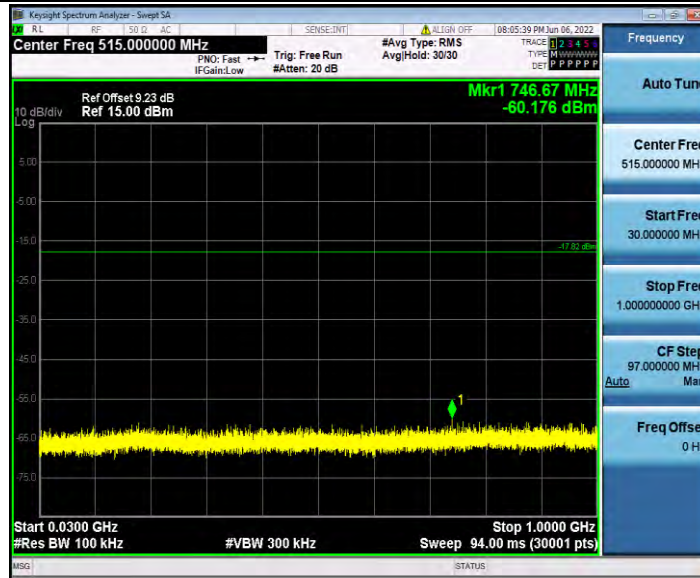
11B_Ant1_2462_1000~26500



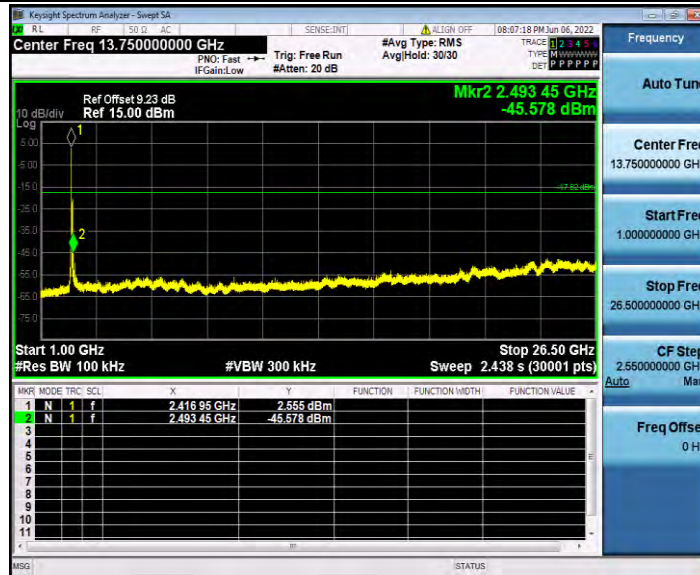
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



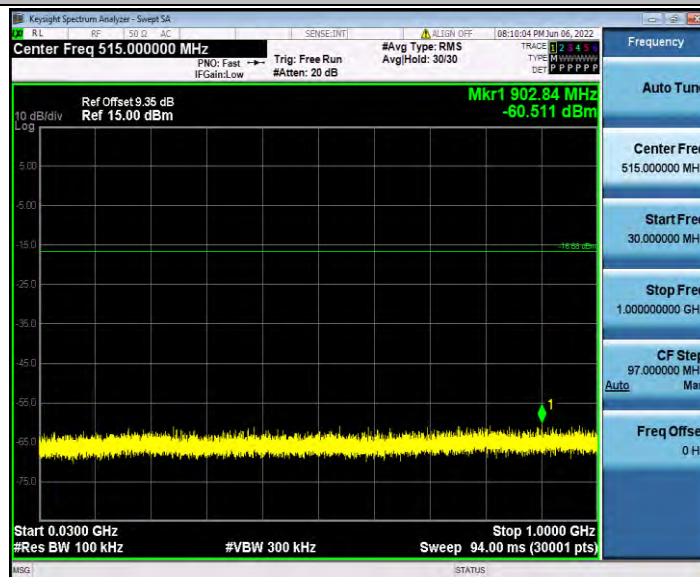
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



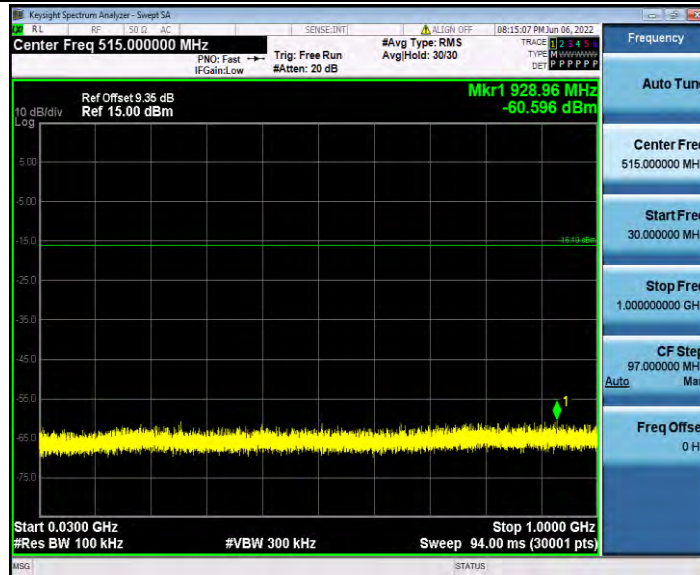
11G_Ant1_2437_1000~26500



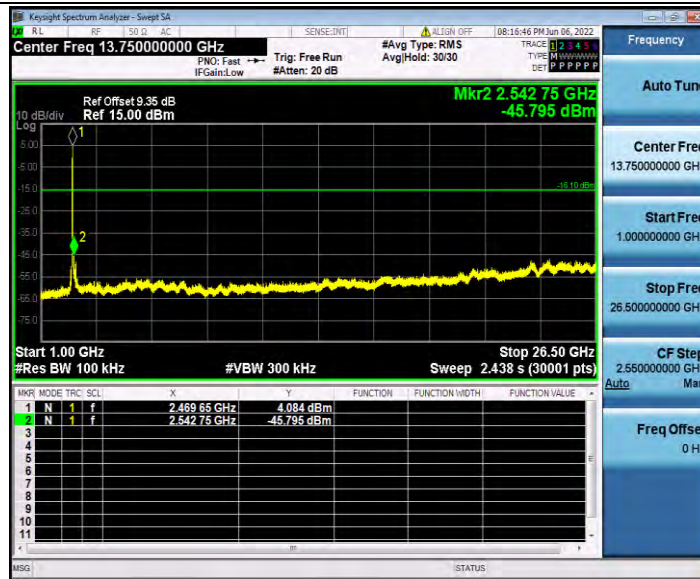
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



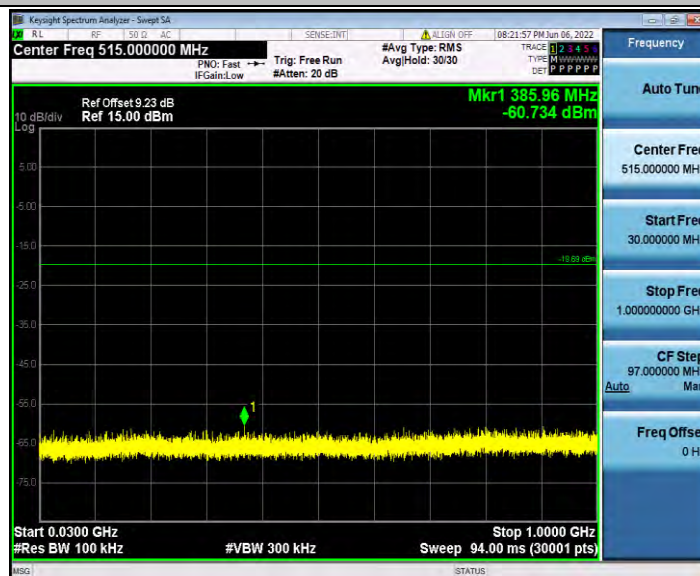
11G_Ant1_2462_1000~26500



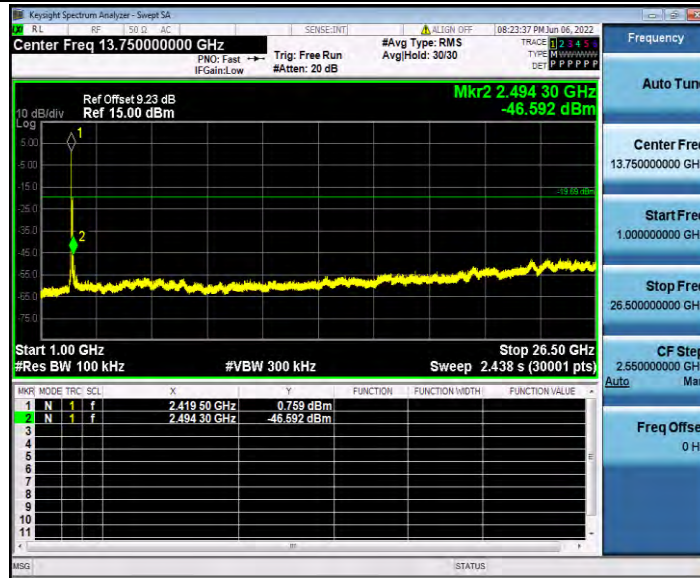
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



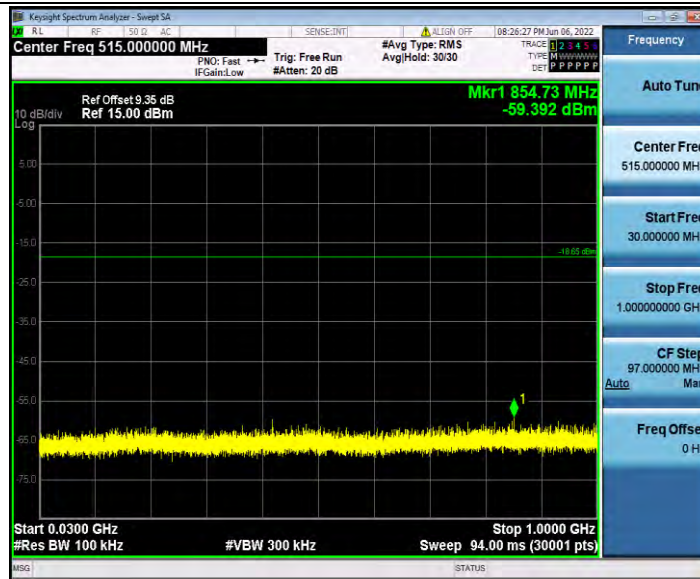
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



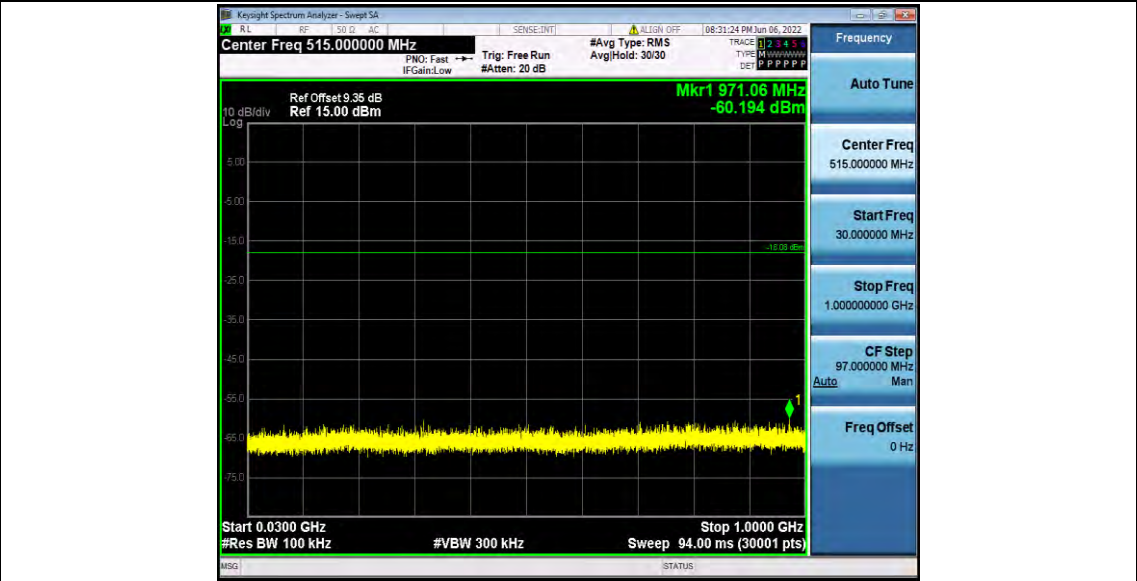
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

