

Case No. : <u>GTS202205100015-1-13</u>	
Ambient Condition: <u>26</u> °C, <u>46</u> %RH,	
Test Date: <u>2022.6.6</u>	Test Engineer: <u>Jenny zeng</u>

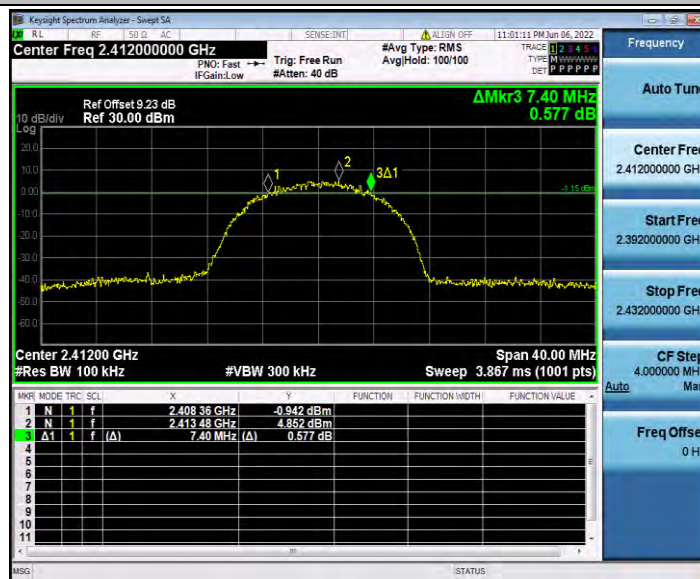
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	7.400	2408.360	2415.760	0.5	PASS
		2437	8.680	2432.960	2441.640	0.5	PASS
		2462	7.600	2458.080	2465.680	0.5	PASS
11G	Ant1	2412	16.360	2403.840	2420.200	0.5	PASS
		2437	16.040	2429.160	2445.200	0.5	PASS
		2462	16.360	2453.840	2470.200	0.5	PASS
11N20SISO	Ant1	2412	17.680	2403.200	2420.880	0.5	PASS
		2437	17.680	2428.200	2445.880	0.5	PASS
		2462	17.640	2453.160	2470.800	0.5	PASS

Test Graphs

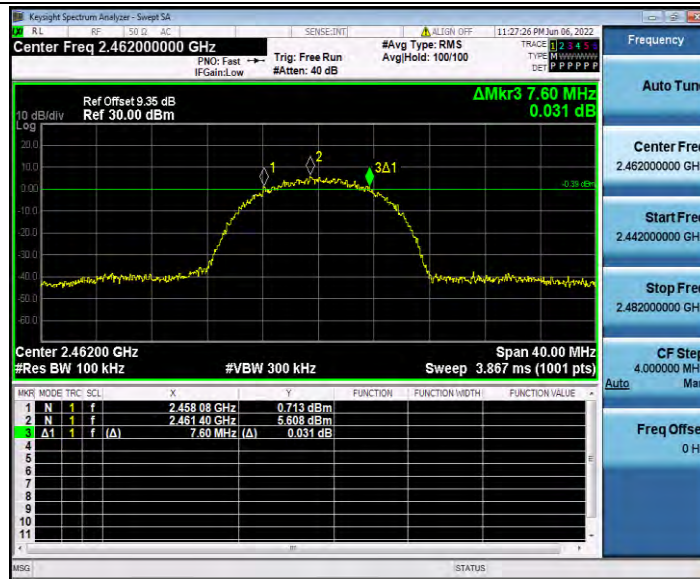
11B_Ant1_2412



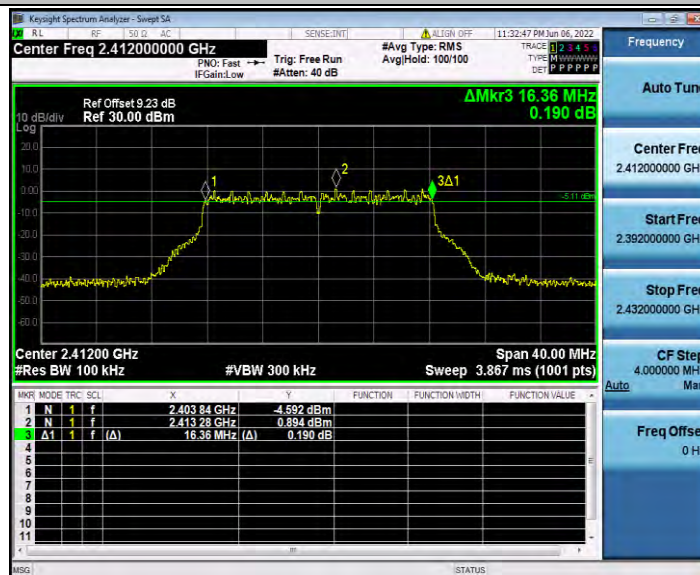
11B_Ant1_2437



11B_Ant1_2462



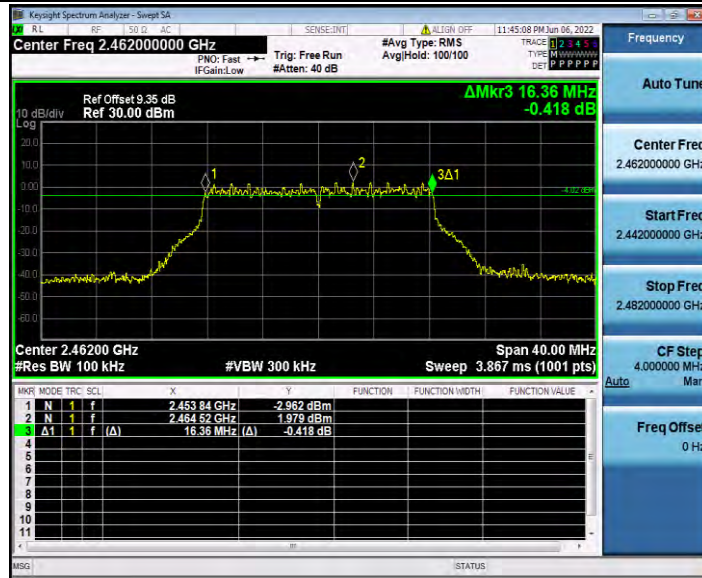
11G_Ant1_2412



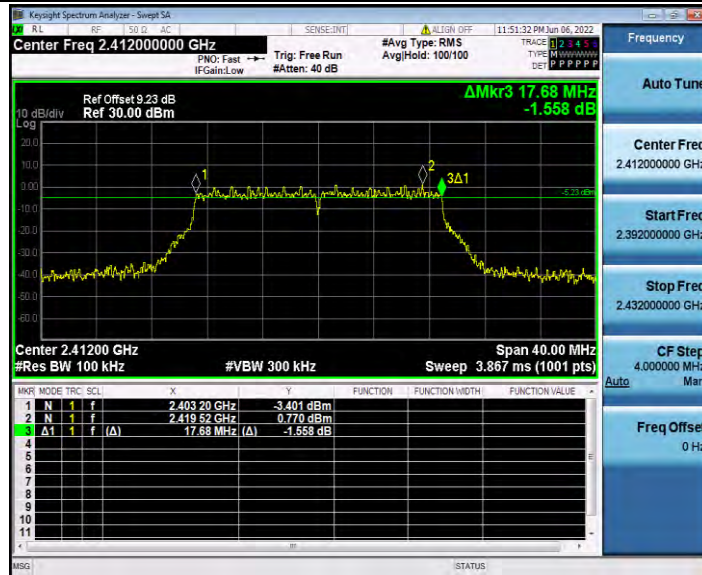
11G_Ant1_2437



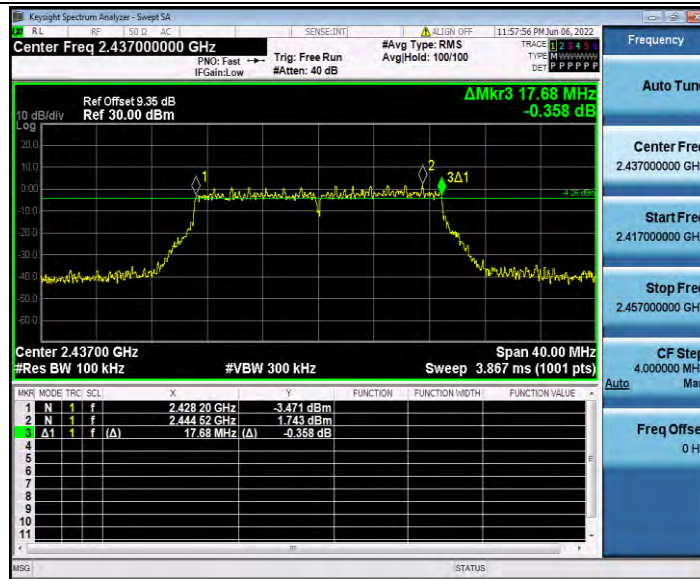
11G_Ant1_2462



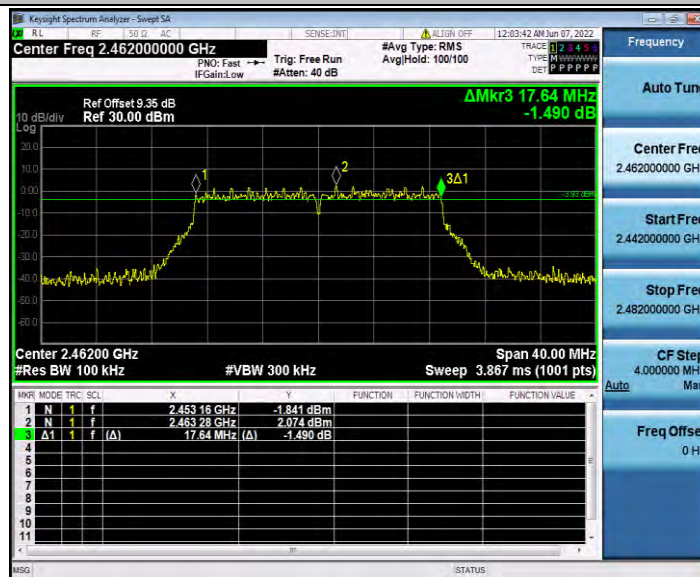
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



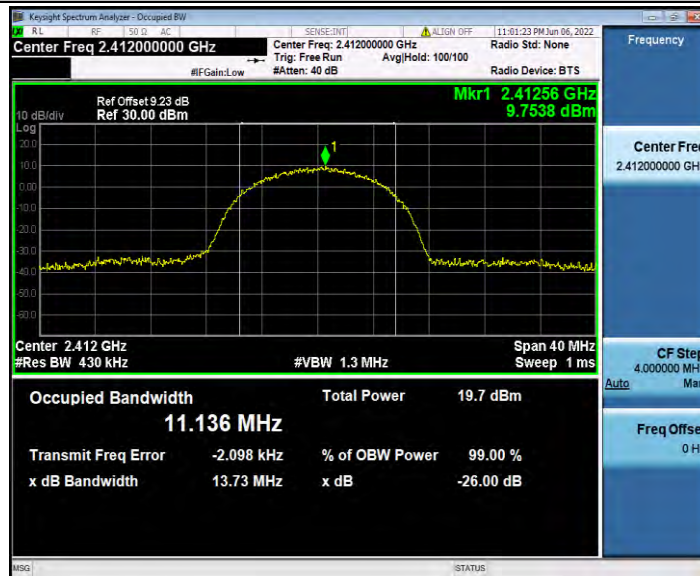
Appendix C.2: Occupied Channel Bandwidth

Test Result

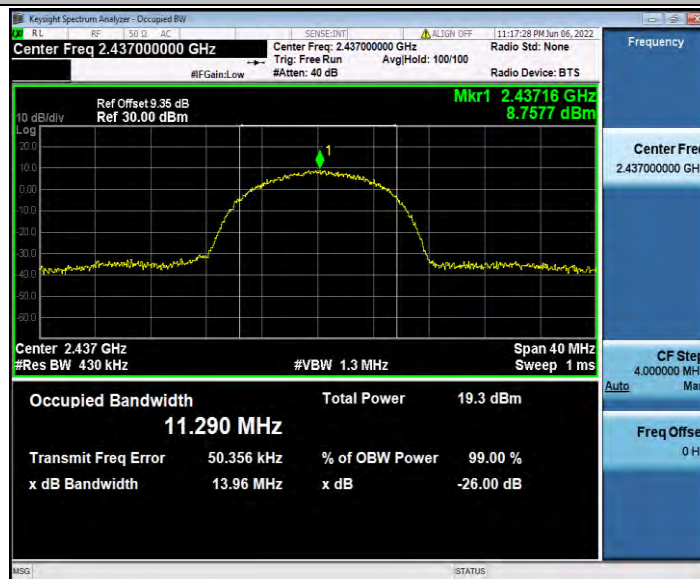
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	11.136	2406.430	2417.566	---	---
		2437	11.290	2431.405	2442.695	---	---
		2462	11.146	2456.473	2467.619	---	---
11G	Ant1	2412	16.919	2403.617	2420.536	---	---
		2437	16.972	2428.652	2445.624	---	---
		2462	16.903	2453.647	2470.550	---	---
11N20SISO	Ant1	2412	18.116	2402.976	2421.092	---	---
		2437	18.198	2427.991	2446.189	---	---
		2462	18.198	2452.964	2471.162	---	---

Test Graphs

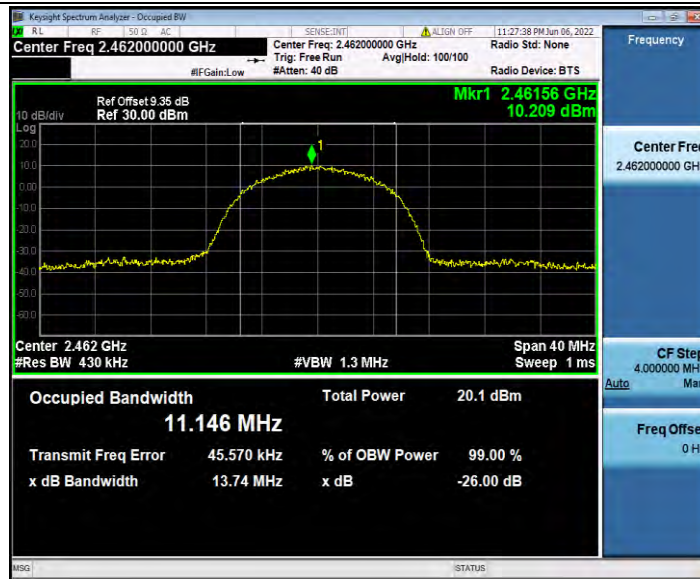
11B_Ant1_2412



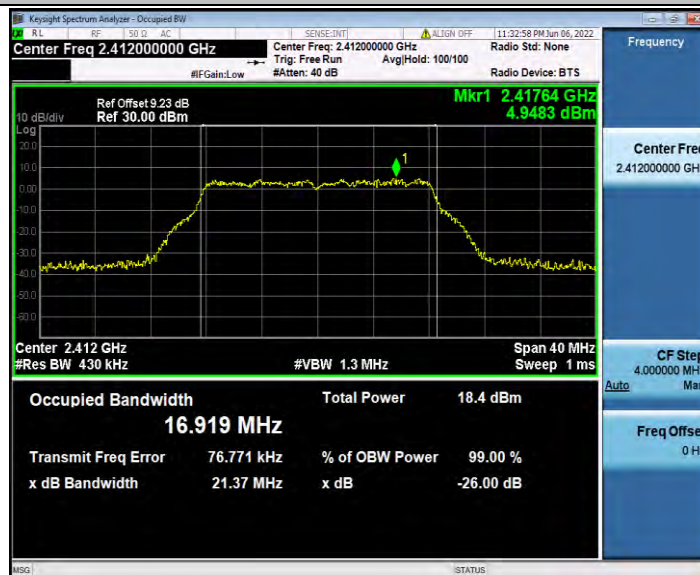
11B_Ant1_2437



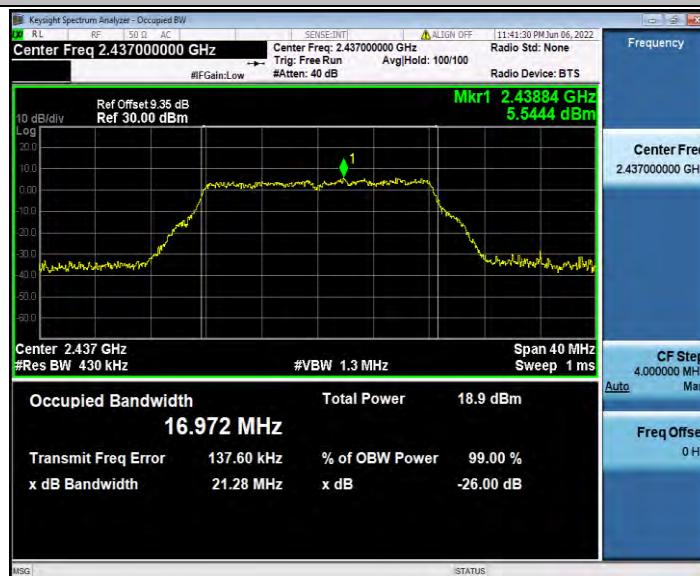
11B_Ant1_2462



11G_Ant1_2412



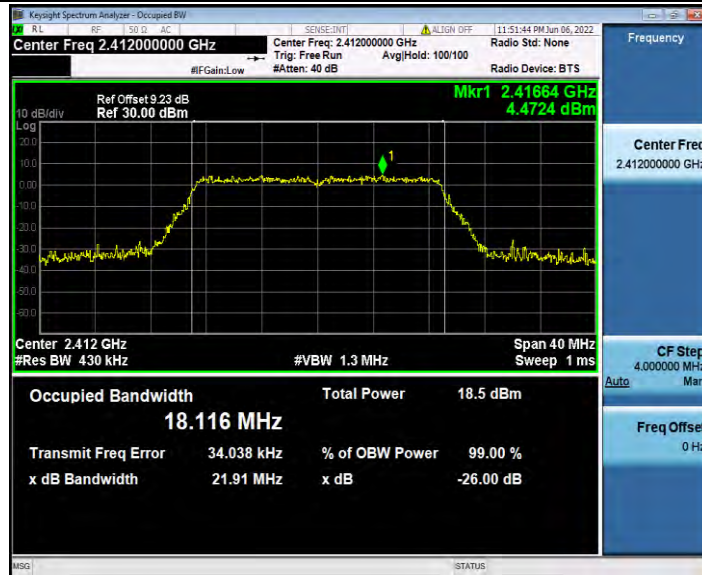
11G_Ant1_2437



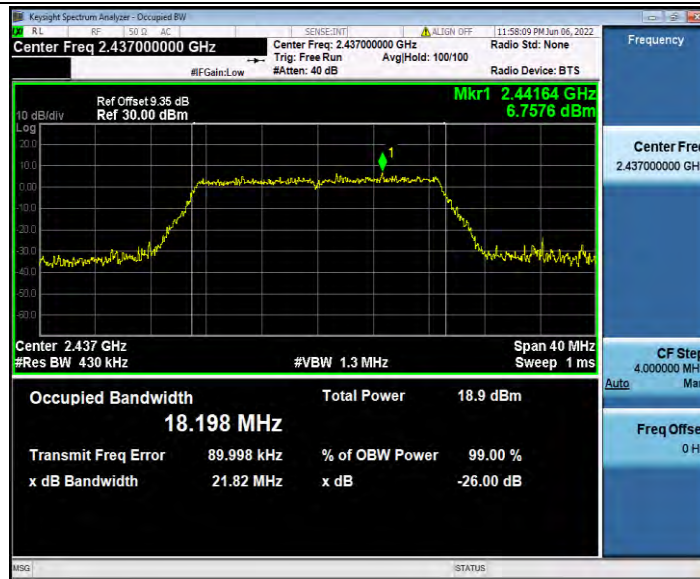
11G_Ant1_2462



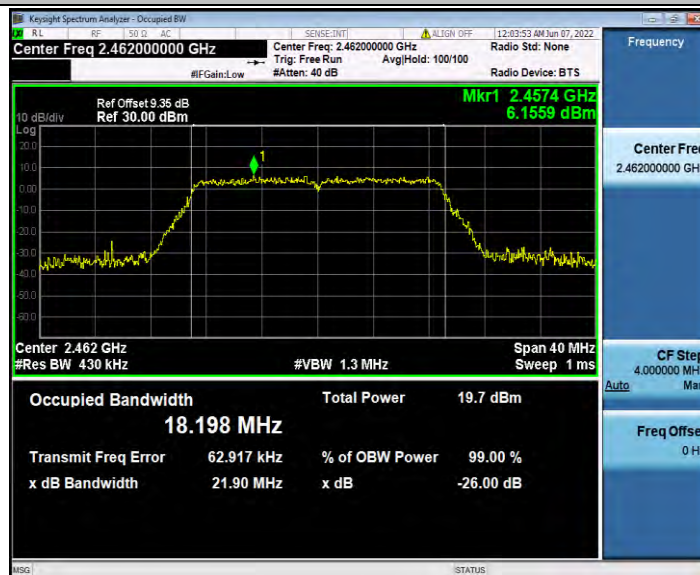
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



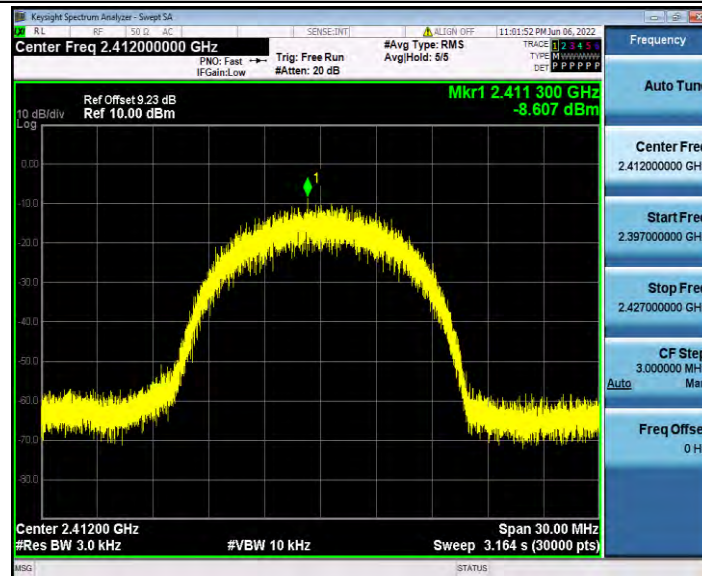
Appendix C.3: Maximum power spectral density

Test Result

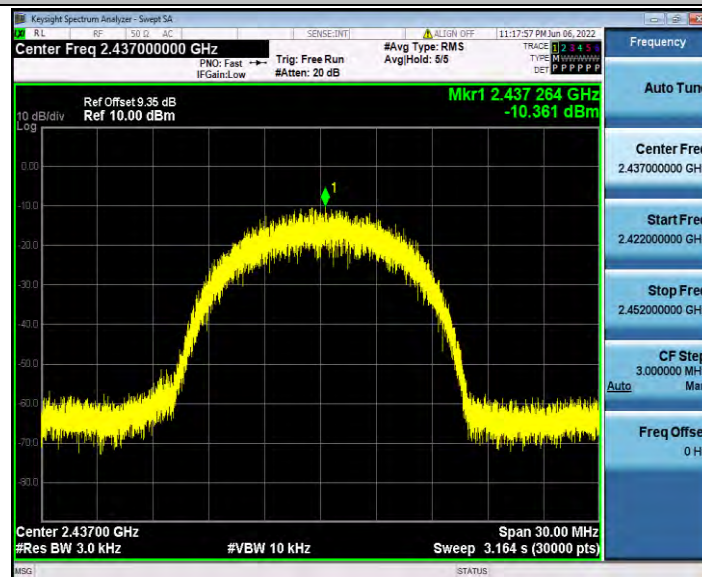
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-8.61	≤8.00	PASS
		2437	-10.36	≤8.00	PASS
		2462	-8.95	≤8.00	PASS
11G	Ant1	2412	-15.3	≤8.00	PASS
		2437	-14.8	≤8.00	PASS
		2462	-14.13	≤8.00	PASS
11N20SISO	Ant1	2412	-14.05	≤8.00	PASS
		2437	-12.89	≤8.00	PASS
		2462	-13.45	≤8.00	PASS

Test Graphs

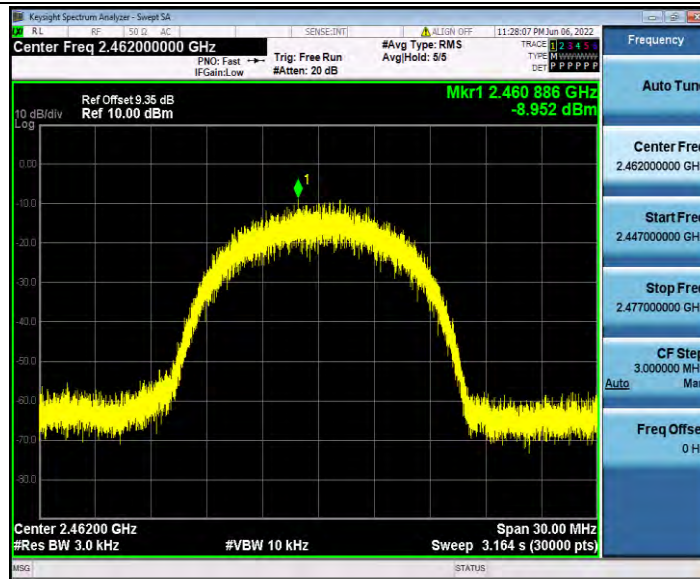
11B_Ant1_2412



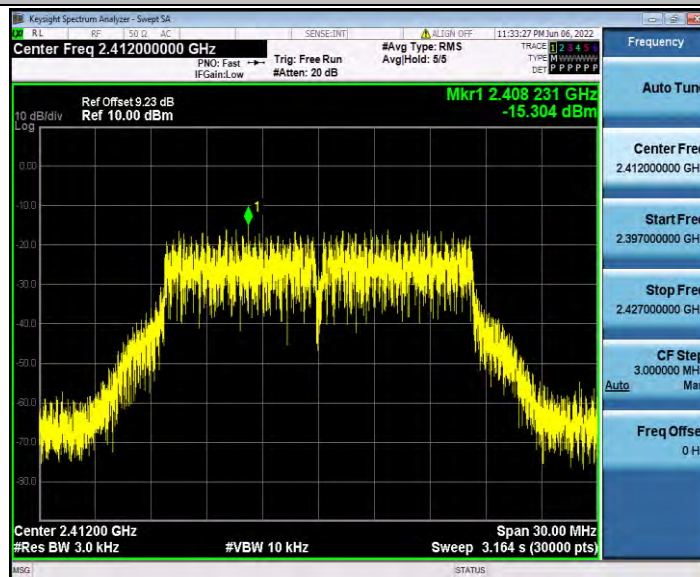
11B_Ant1_2437



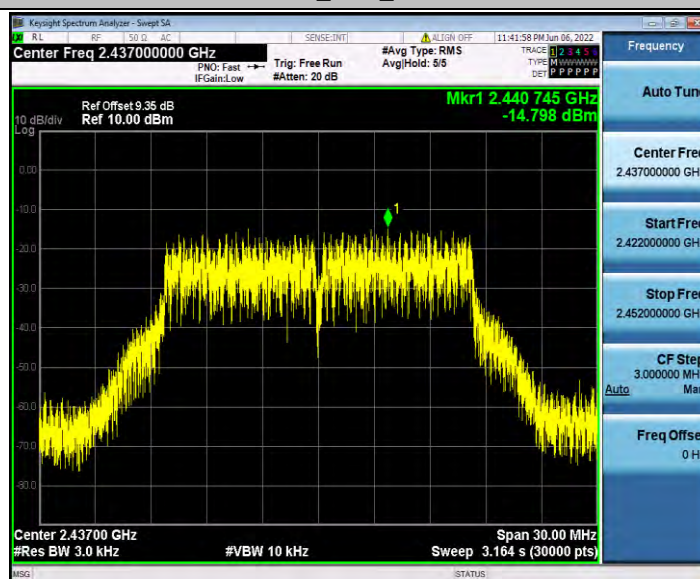
11B_Ant1_2462



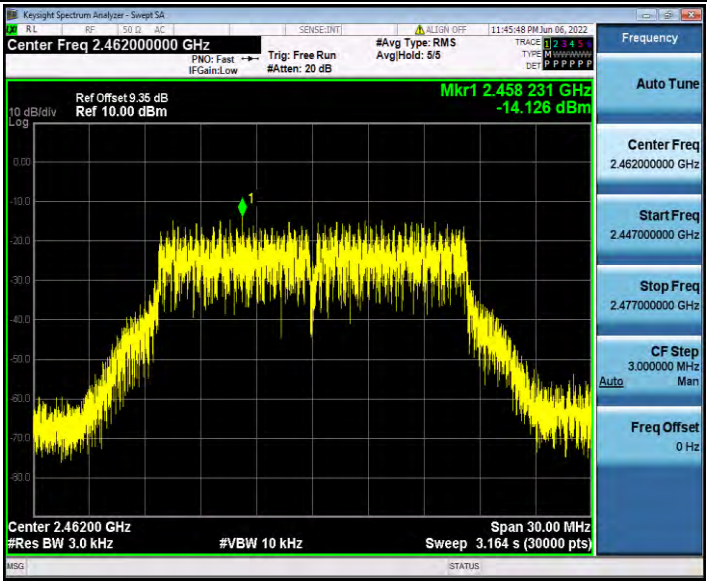
11G_Ant1_2412



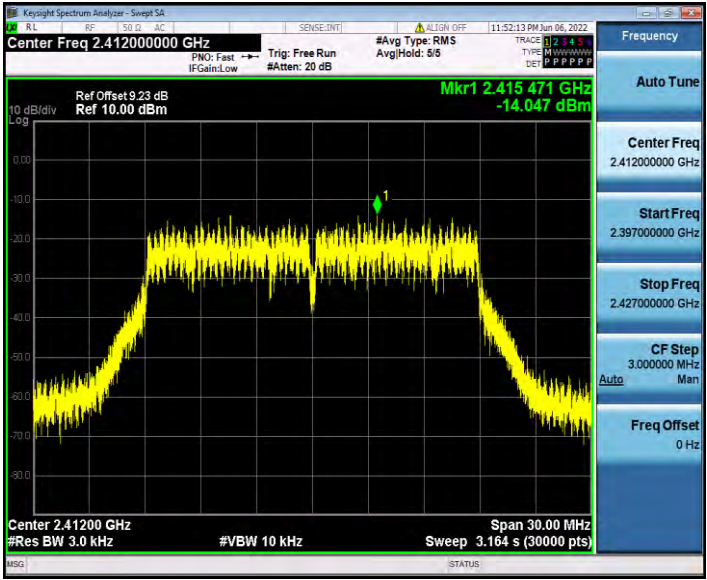
11G_Ant1_2437



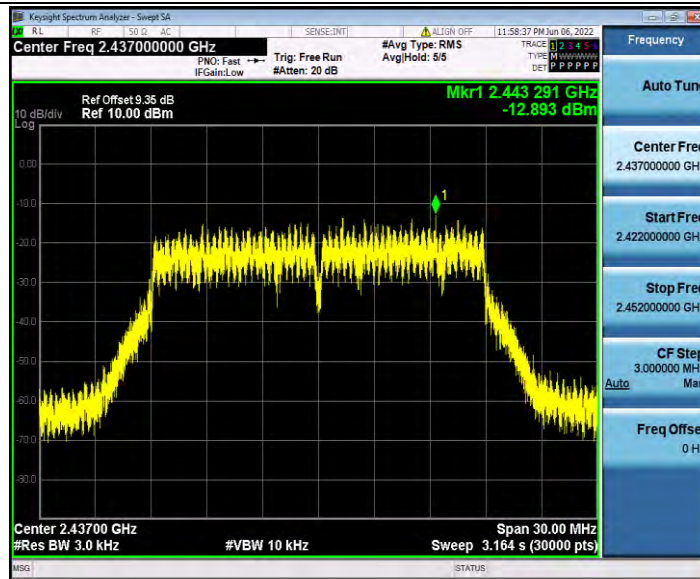
11G_Ant1_2462



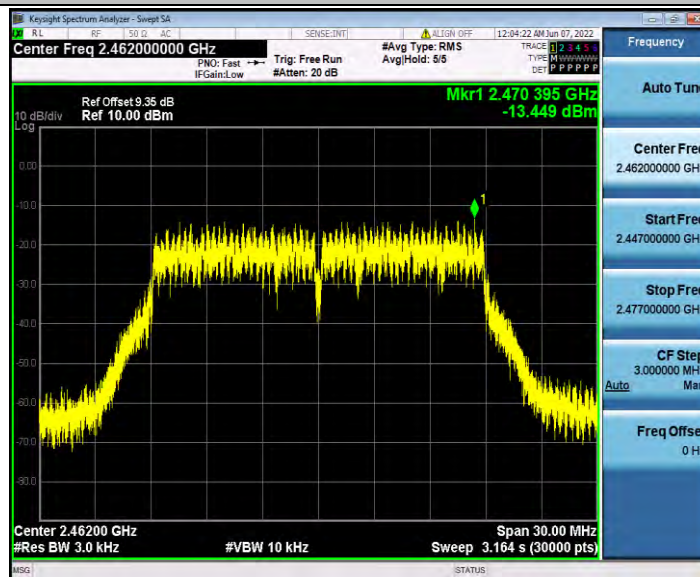
11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



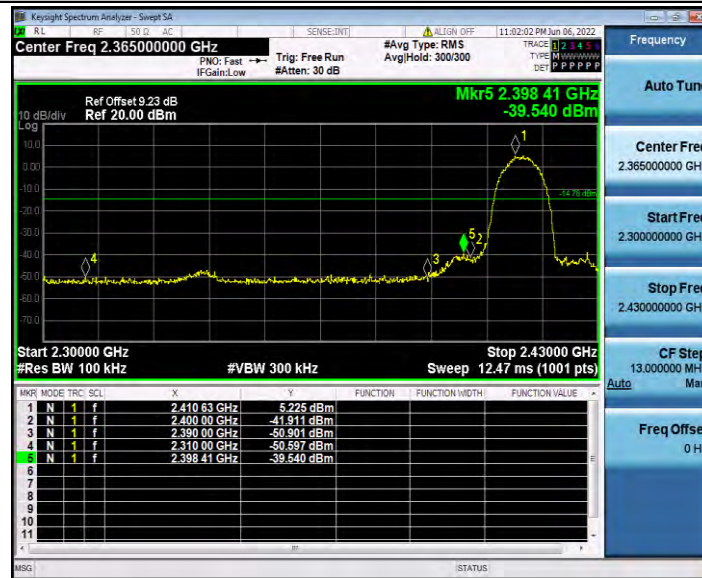
Appendix C.4: Band edge measurements

Test Result

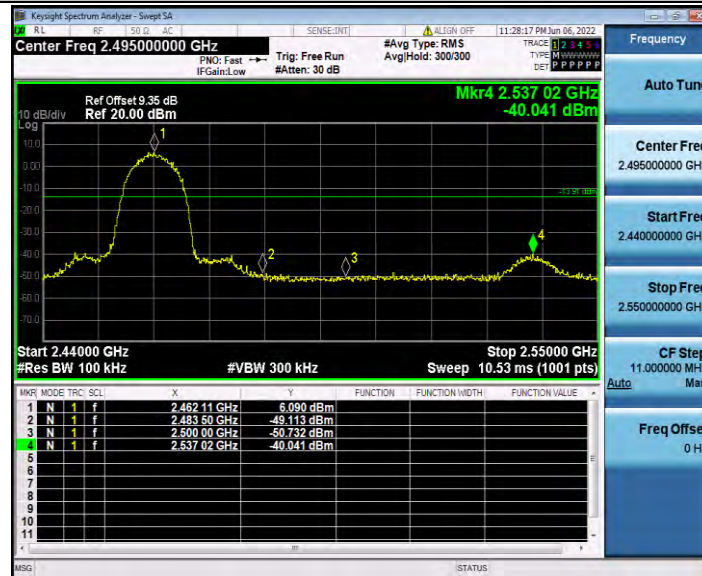
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.23	-39.54	≤ -14.78	PASS
		High	2462	6.09	-40.04	≤ -13.91	PASS
11G	Ant1	Low	2412	1.00	-38.77	≤ -19	PASS
		High	2462	2.19	-42.82	≤ -17.81	PASS
11N20SISO	Ant1	Low	2412	0.82	-34.34	≤ -19.18	PASS
		High	2462	2.20	-40.36	≤ -17.8	PASS

Test Graphs

11B_Ant1_Low_2412



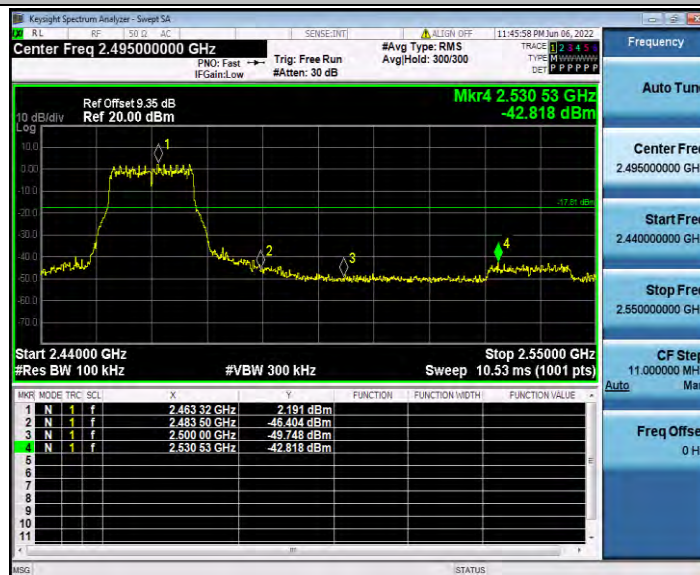
11B_Ant1_High_2462



11G_Ant1_Low_2412



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



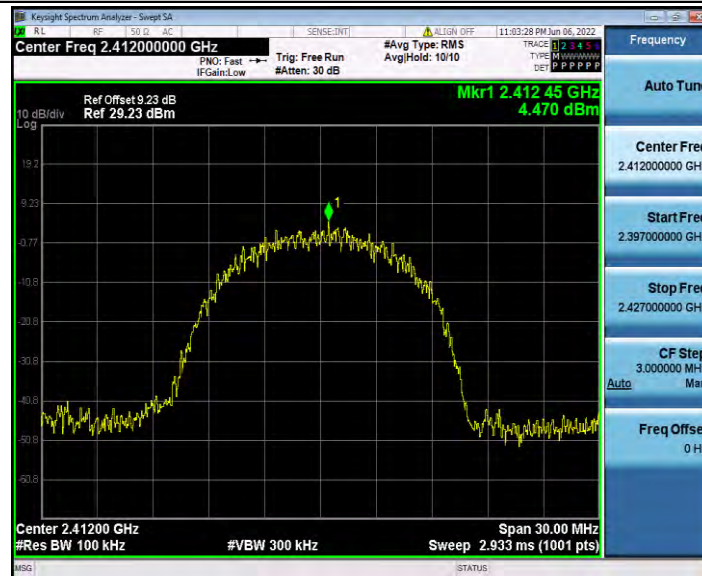
Appendix C.5: Conducted Spurious Emission

Test Result

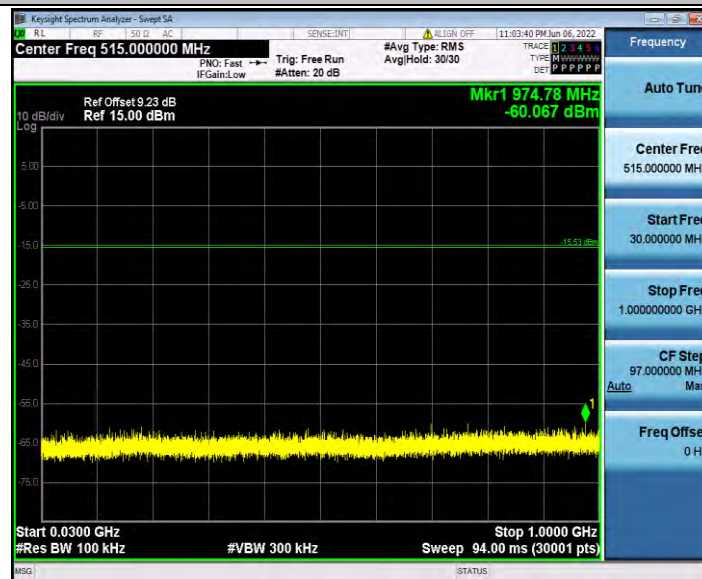
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.47	4.47	---	PASS
			30~1000	4.47	-60.07	≤ -15.53	PASS
			1000~26500	4.47	-47.6	≤ -15.53	PASS
		2437	Reference	2.78	2.78	---	PASS
			30~1000	2.78	-60.54	≤ -17.22	PASS
			1000~26500	2.78	-46.38	≤ -17.22	PASS
		2462	Reference	4.60	4.60	---	PASS
			30~1000	4.60	-60.39	≤ -15.4	PASS
			1000~26500	4.60	-47.28	≤ -15.4	PASS
11G	Ant1	2412	Reference	0.77	0.77	---	PASS
			30~1000	0.77	-60.51	≤ -19.23	PASS
			1000~26500	0.77	-44.91	≤ -19.23	PASS
		2437	Reference	0.75	0.75	---	PASS
			30~1000	0.75	-60.09	≤ -19.25	PASS
			1000~26500	0.75	-44.75	≤ -19.25	PASS
		2462	Reference	1.97	1.97	---	PASS
			30~1000	1.97	-59.68	≤ -18.03	PASS
			1000~26500	1.97	-44.02	≤ -18.03	PASS
11N20SISO	Ant1	2412	Reference	0.32	0.32	---	PASS
			30~1000	0.32	-60.57	≤ -19.68	PASS
			1000~26500	0.32	-46.08	≤ -19.68	PASS
		2437	Reference	1.20	1.20	---	PASS
			30~1000	1.20	-60.43	≤ -18.8	PASS
			1000~26500	1.20	-45.99	≤ -18.8	PASS
		2462	Reference	2.04	2.04	---	PASS
			30~1000	2.04	-60.54	≤ -17.96	PASS
			1000~26500	2.04	-45.12	≤ -17.96	PASS

Test Graphs

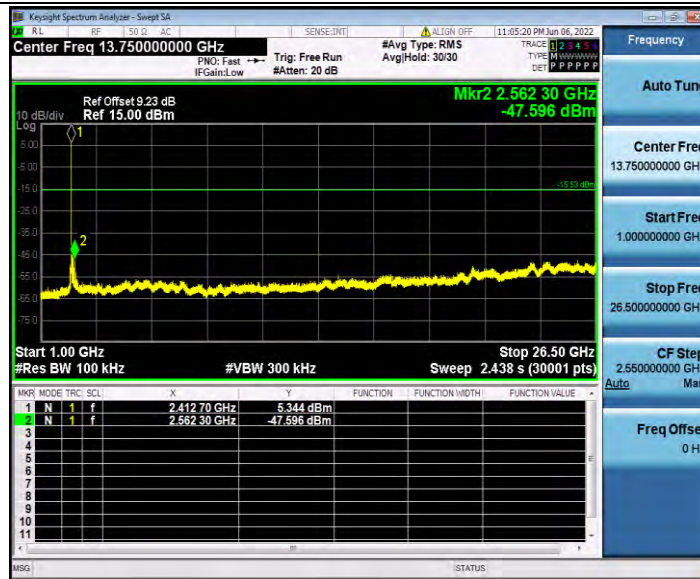
11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



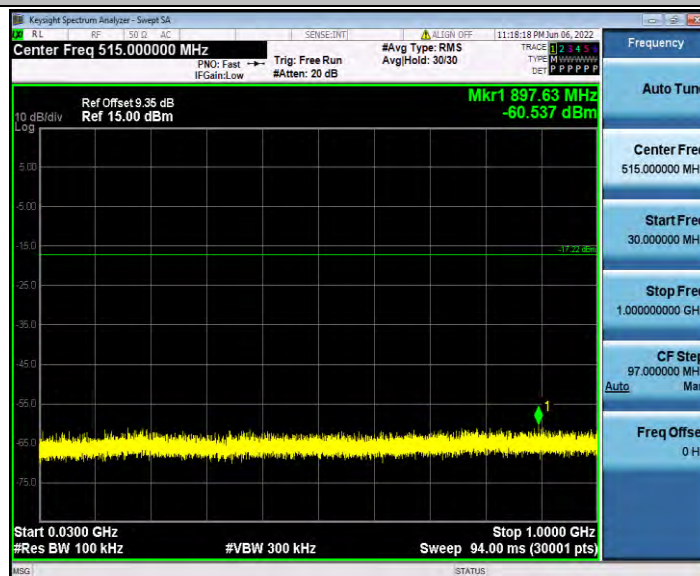
11B_Ant1_2412_1000~26500



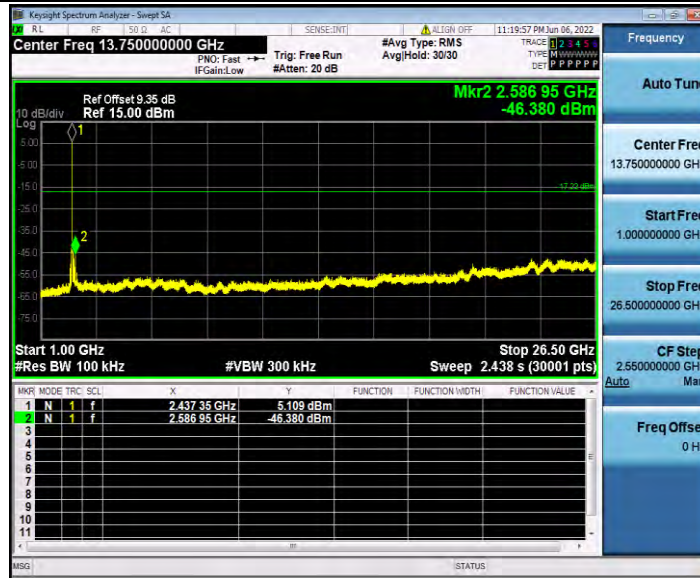
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



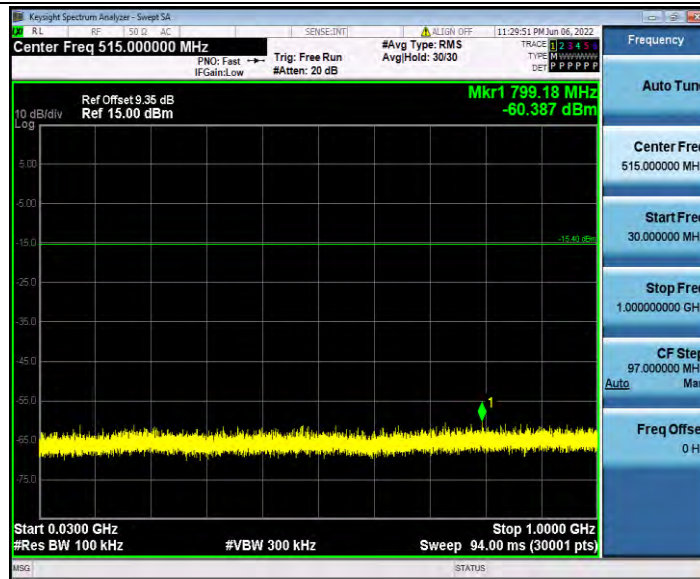
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



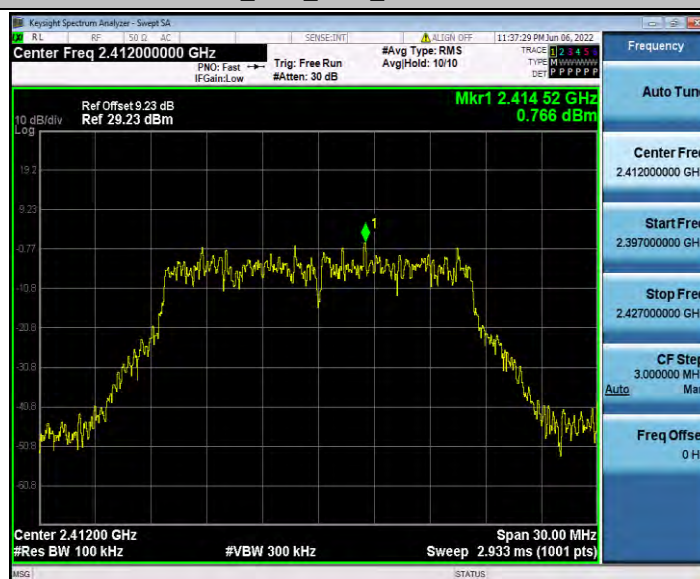
11B_Ant1_2462_30~1000



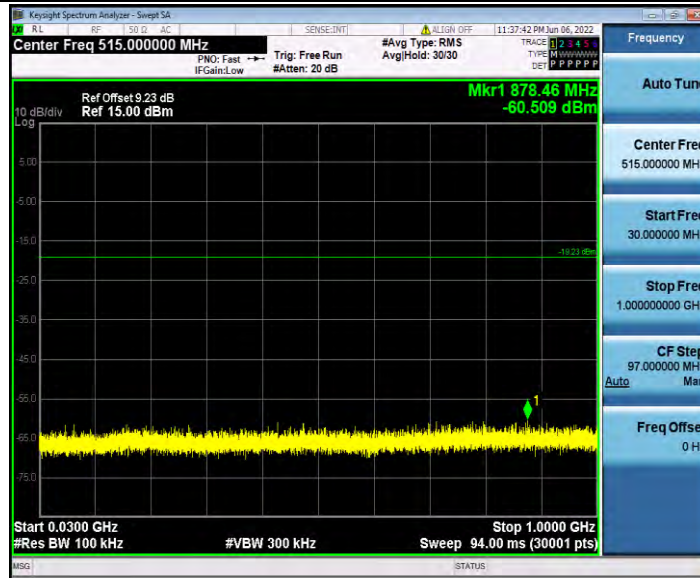
11B_Ant1_2462_1000~26500



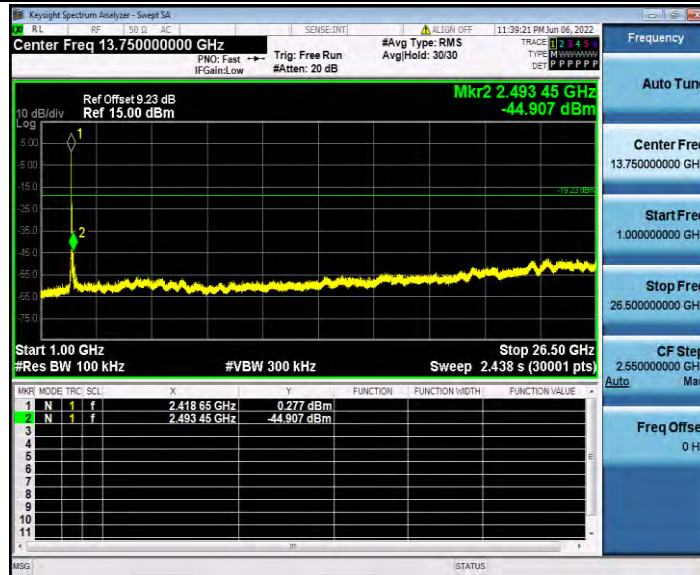
11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



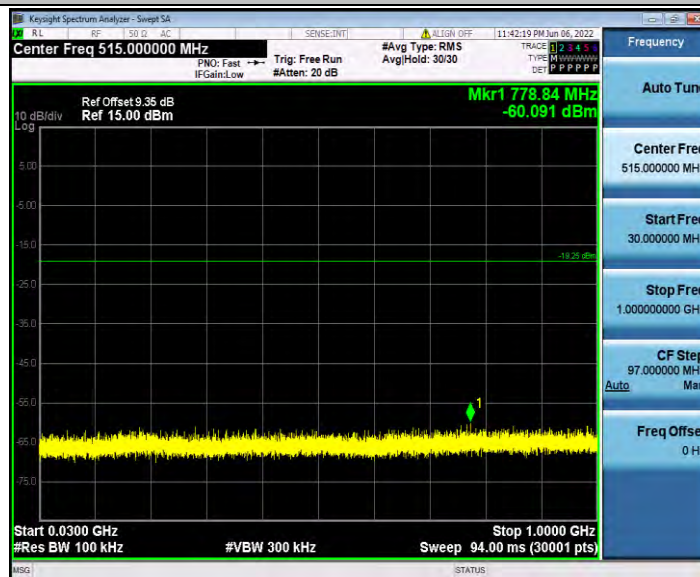
11G_Ant1_2412_1000~26500



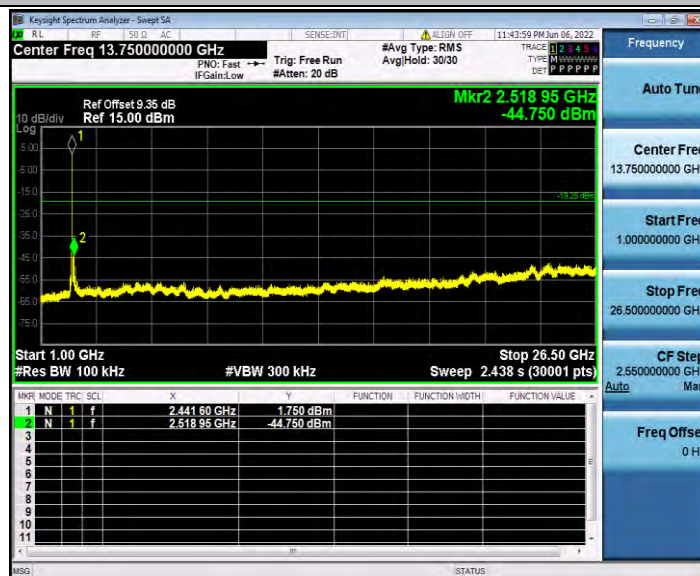
11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



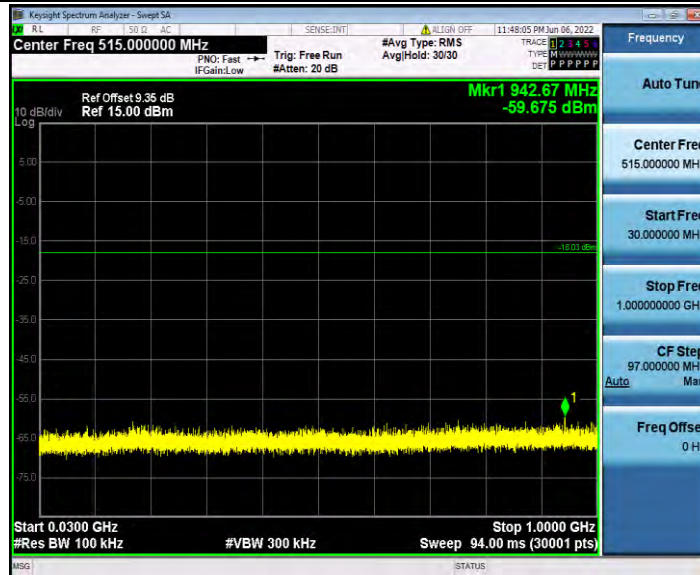
11G_Ant1_2437_1000~26500



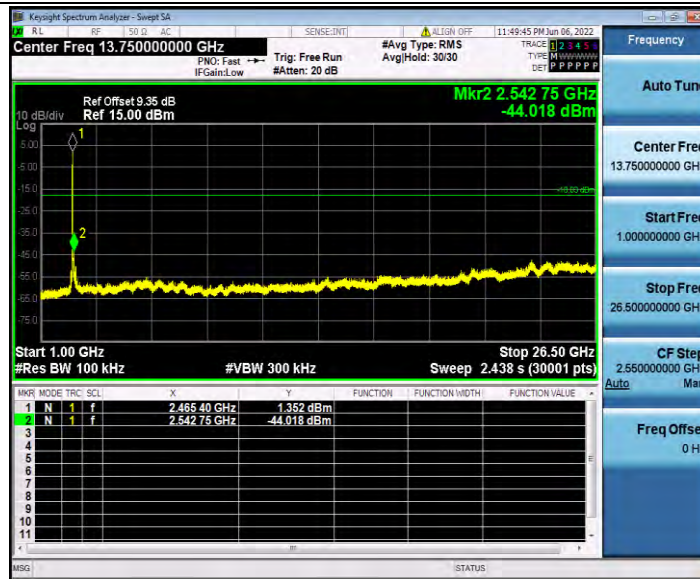
11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



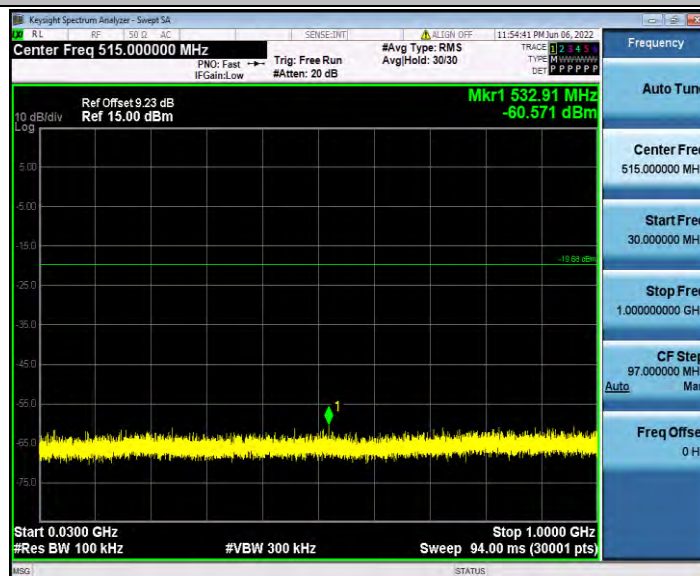
11G_Ant1_2462_1000~26500



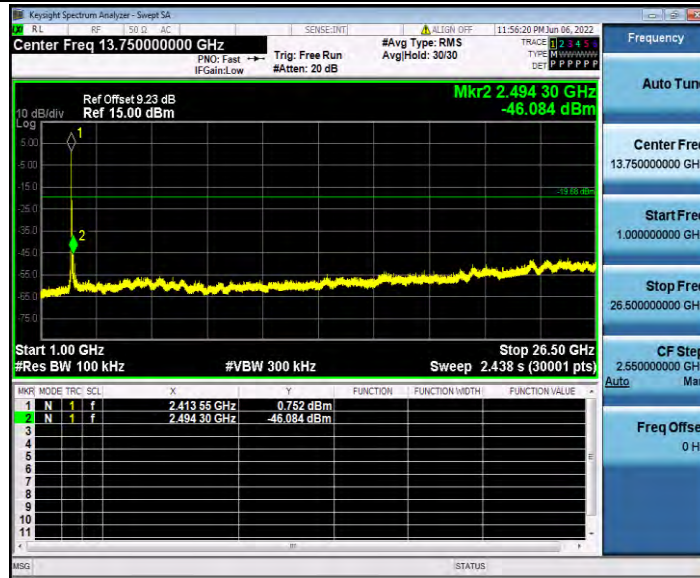
11N20SISO_Ant1_2412_0~Reference



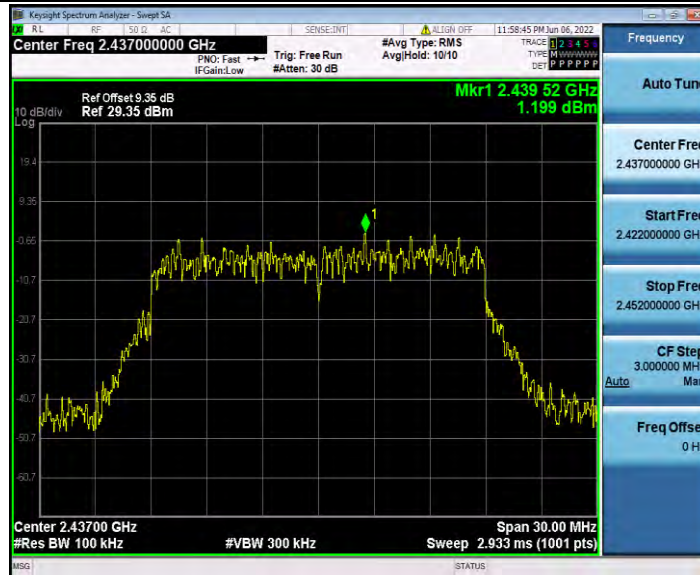
11N20SISO_Ant1_2412_30~1000



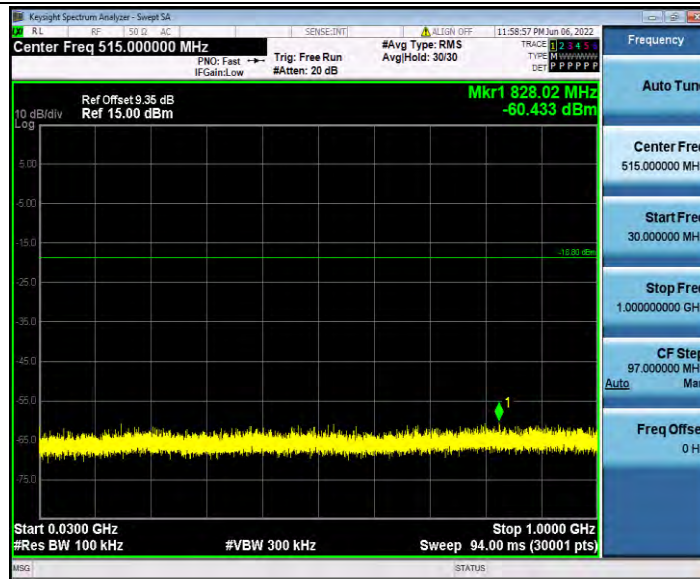
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



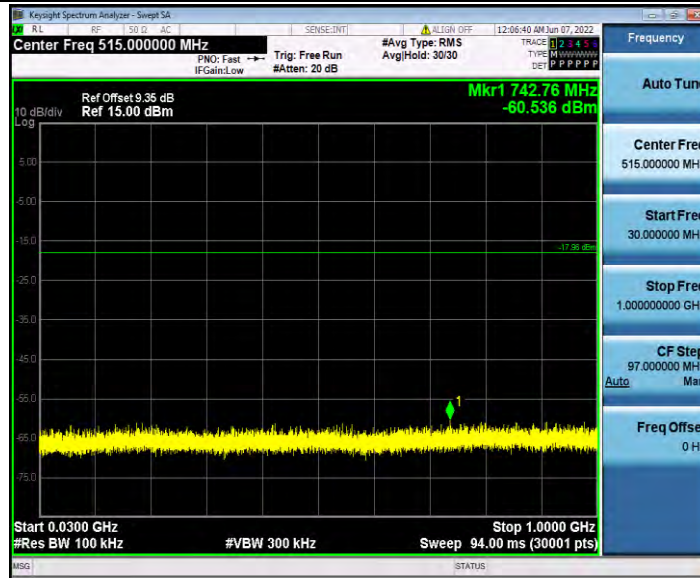
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

