

Case No. : GTS20220323004-1-3	
Ambient Condition: 23.4 °C, 52.7 %RH,	
Test Date: 2022-5-30	Test Engineer: Jenny Zeng

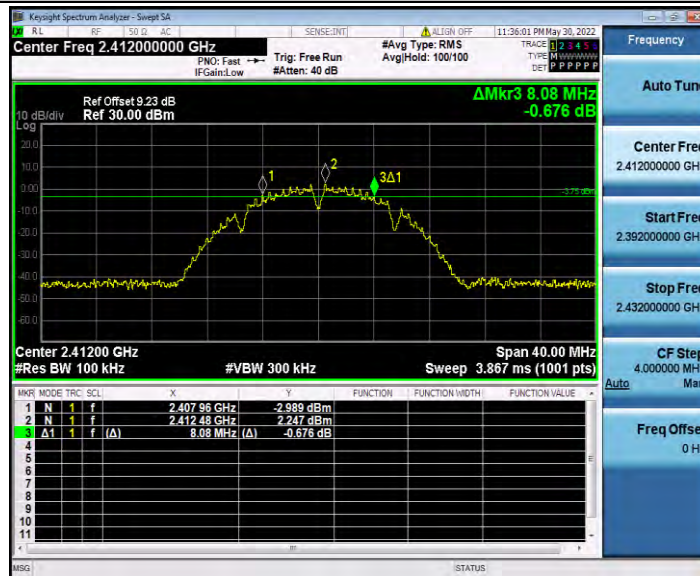
Appendix C.1: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.080	2407.960	2416.040	0.5	PASS
		2437	7.520	2433.000	2440.520	0.5	PASS
		2462	8.040	2458.000	2466.040	0.5	PASS
11G	Ant1	2412	16.360	2403.840	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	17.640	2403.200	2420.840	0.5	PASS
		2437	17.600	2428.200	2445.800	0.5	PASS
		2462	17.600	2453.200	2470.800	0.5	PASS
11N40SISO	Ant1	2422	35.040	2405.120	2440.160	0.5	PASS
		2437	35.680	2419.480	2455.160	0.5	PASS
		2452	36.320	2433.840	2470.160	0.5	PASS

Test Graphs

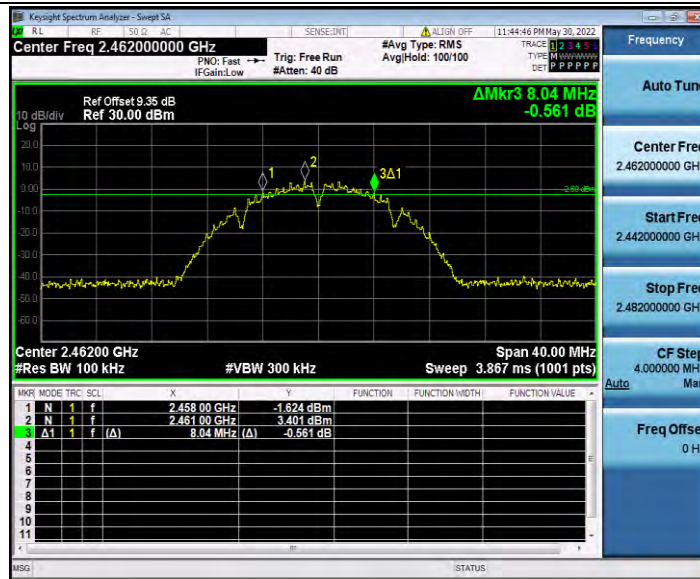
11B_Ant1_2412



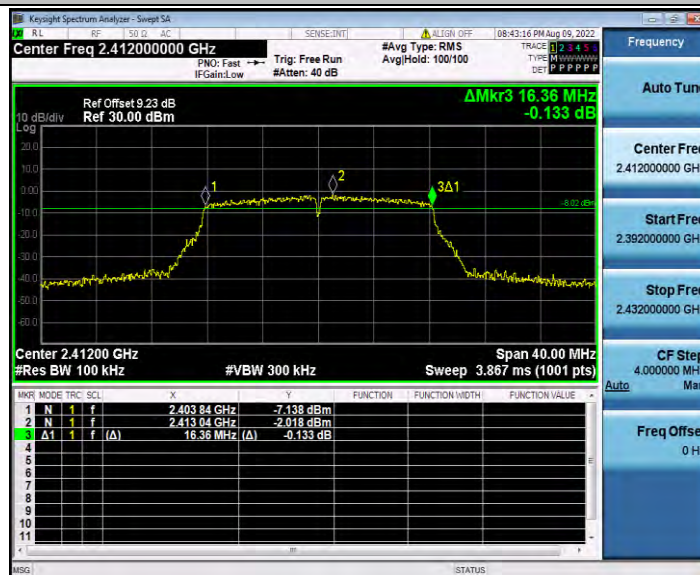
11B_Ant1_2437



11B_Ant1_2462



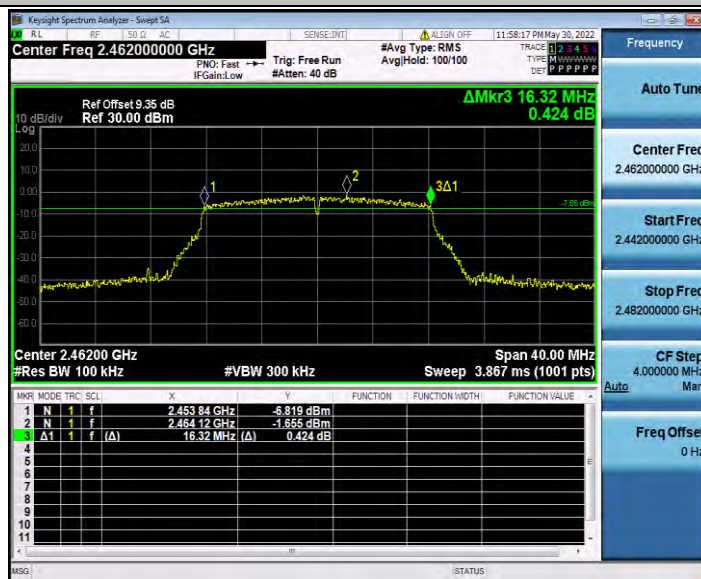
11G_Ant1_2412



11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



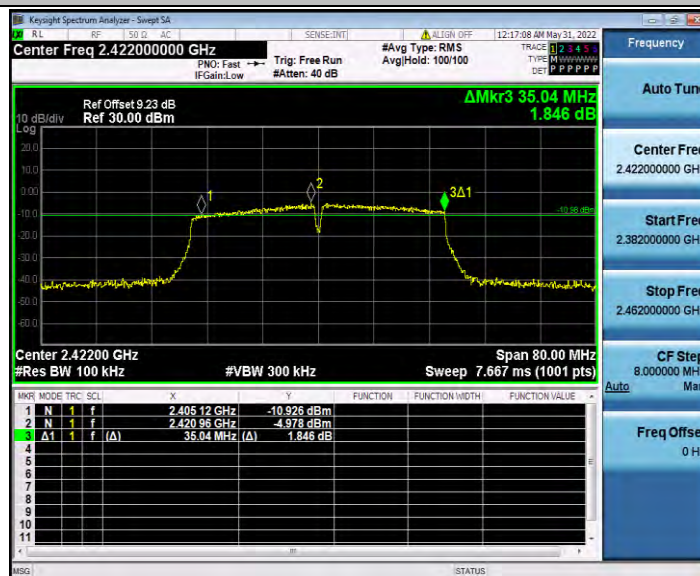
11N20SISO_Ant1_2437



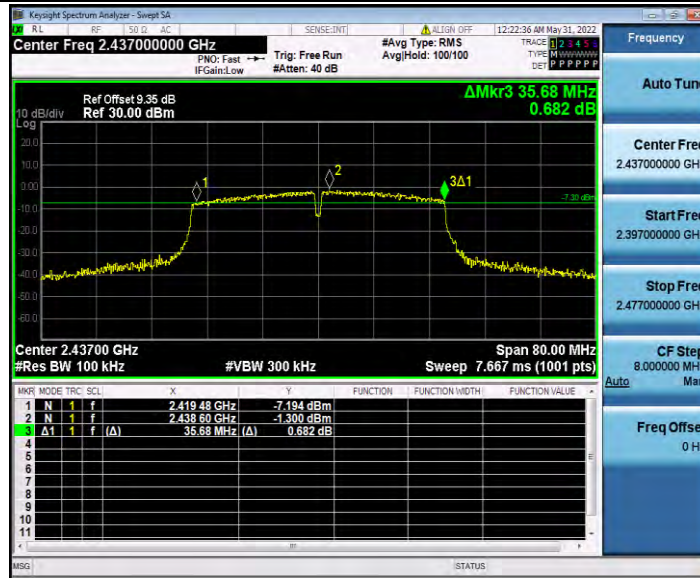
11N20SISO_Ant1_2462



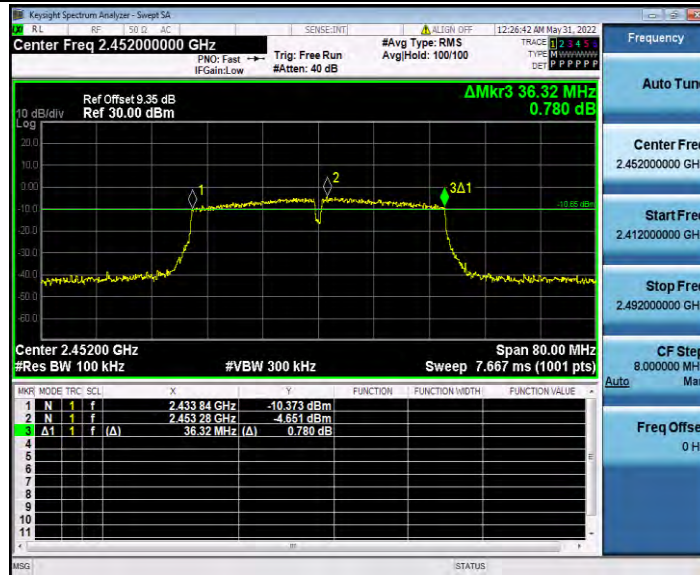
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



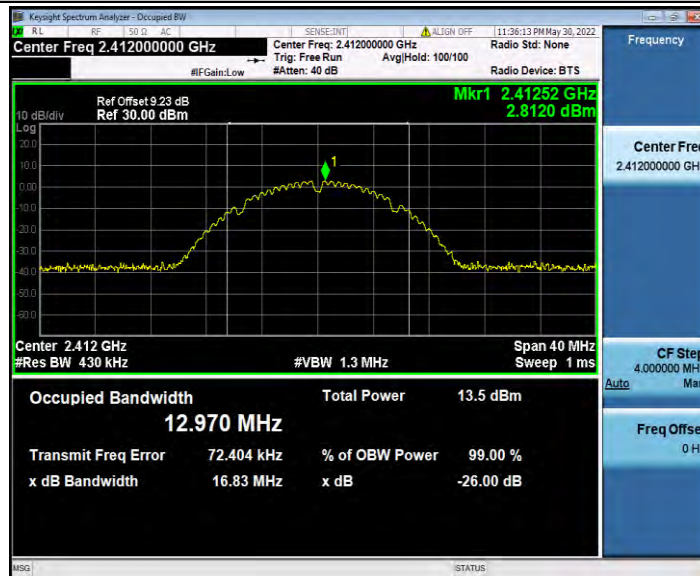
Appendix C.2: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.970	2405.587	2418.557	---	---
		2437	13.286	2430.413	2443.699	---	---
		2462	12.880	2455.577	2468.457	---	---
11G	Ant1	2412	16.923	2403.623	2420.546	---	---
		2437	16.934	2428.555	2445.489	---	---
		2462	16.804	2453.606	2470.410	---	---
11N20SISO	Ant1	2412	17.895	2403.133	2421.028	---	---
		2437	17.839	2428.103	2445.942	---	---
		2462	17.842	2453.083	2470.925	---	---
11N40SISO	Ant1	2422	36.115	2404.081	2440.196	---	---
		2437	36.202	2419.003	2455.205	---	---
		2452	36.150	2433.995	2470.145	---	---

Test Graphs

11B_Ant1_2412



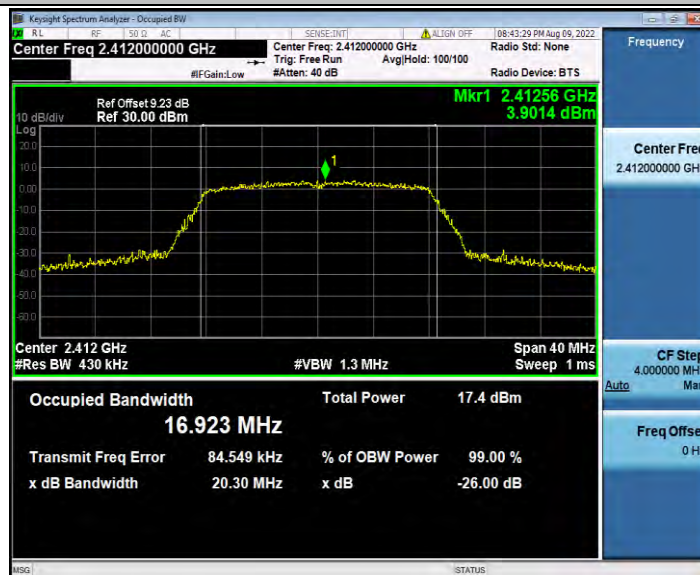
11B_Ant1_2437



11B_Ant1_2462



11G_Ant1_2412



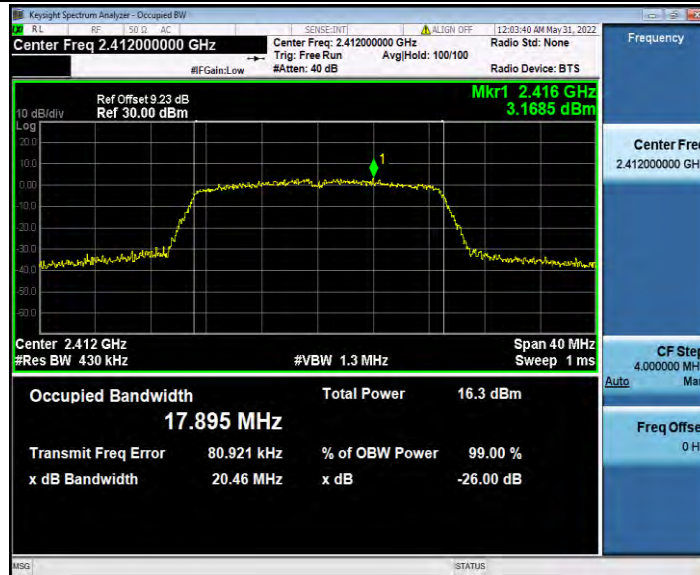
11G_Ant1_2437



11G_Ant1_2462



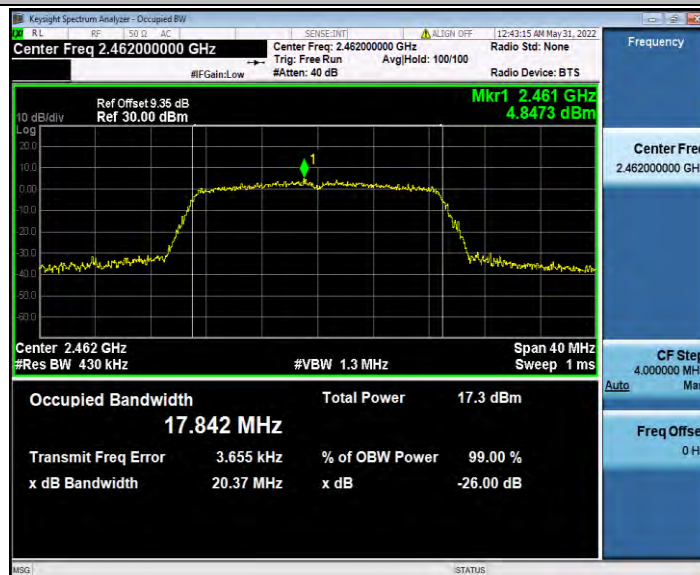
11N20SISO_Ant1_2412



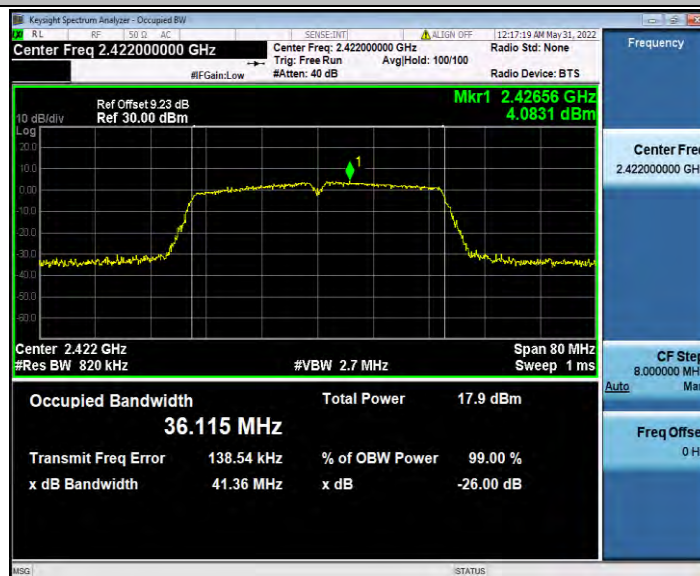
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



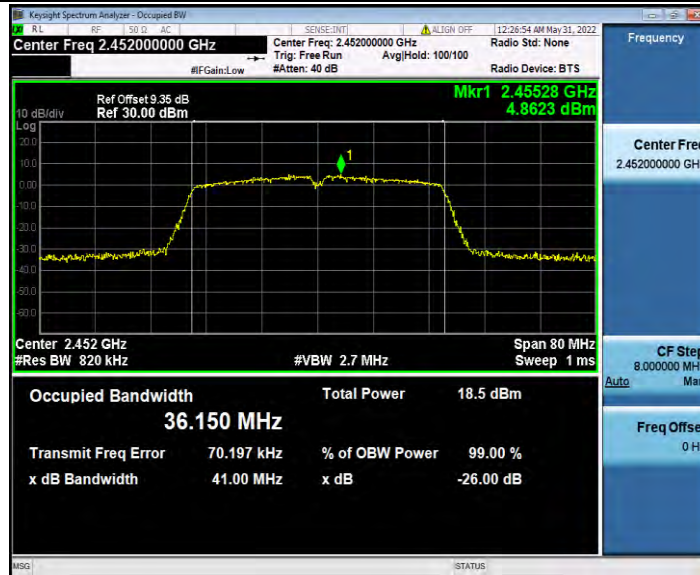
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



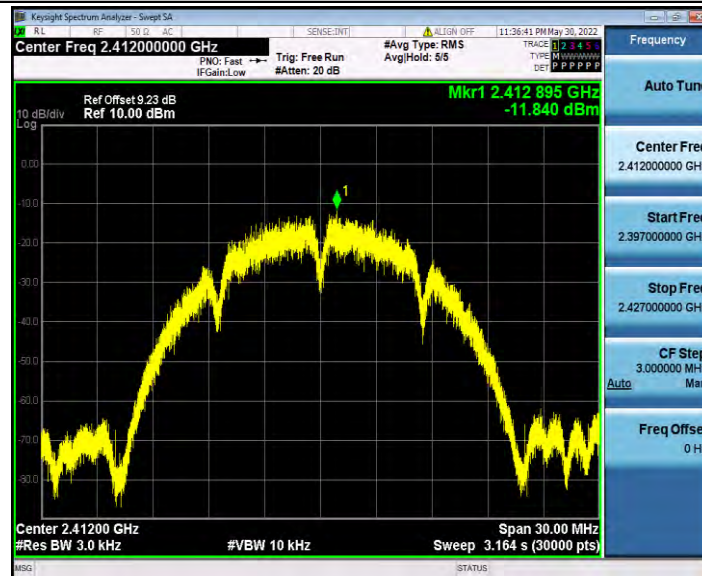
Appendix C.3: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.84	≤8.00	PASS
		2437	-3.65	≤8.00	PASS
		2462	-9.91	≤8.00	PASS
11G	Ant1	2412	-13.99	≤8.00	PASS
		2437	-7.35	≤8.00	PASS
		2462	-13.77	≤8.00	PASS
11N20SISO	Ant1	2412	-13.9	≤8.00	PASS
		2437	-13.42	≤8.00	PASS
		2462	-13.66	≤8.00	PASS
11N40SISO	Ant1	2422	-16.15	≤8.00	PASS
		2437	-12.03	≤8.00	PASS
		2452	-15.14	≤8.00	PASS

Test Graphs

11B_Ant1_2412



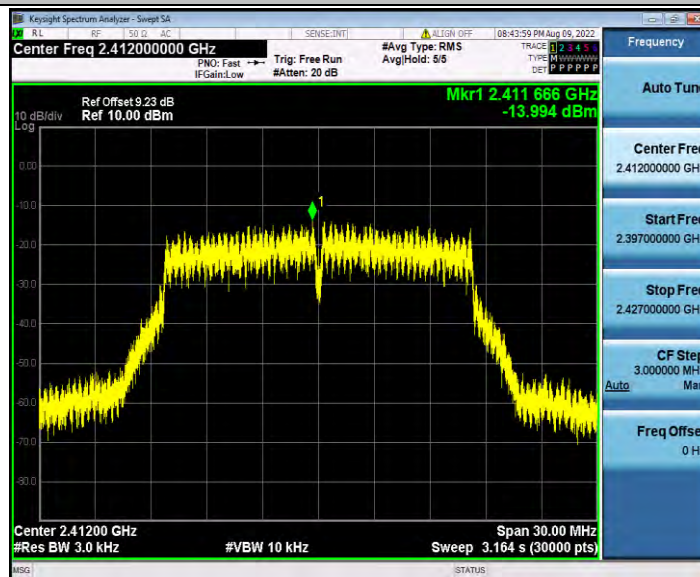
11B_Ant1_2437



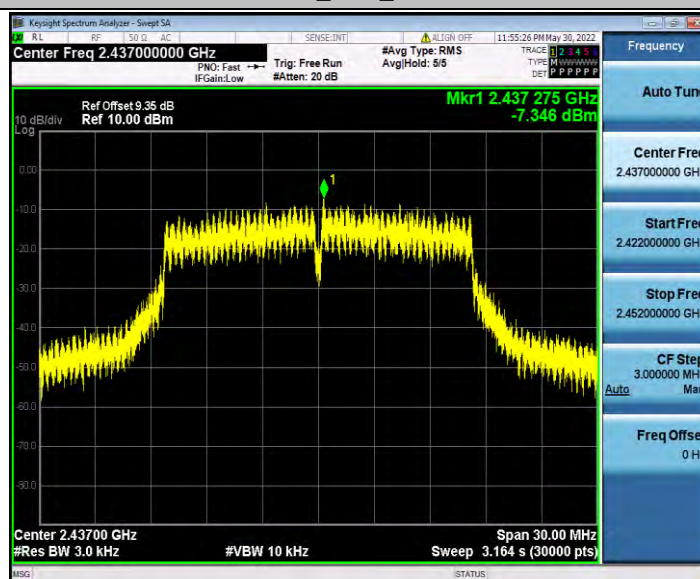
11B_Ant1_2462



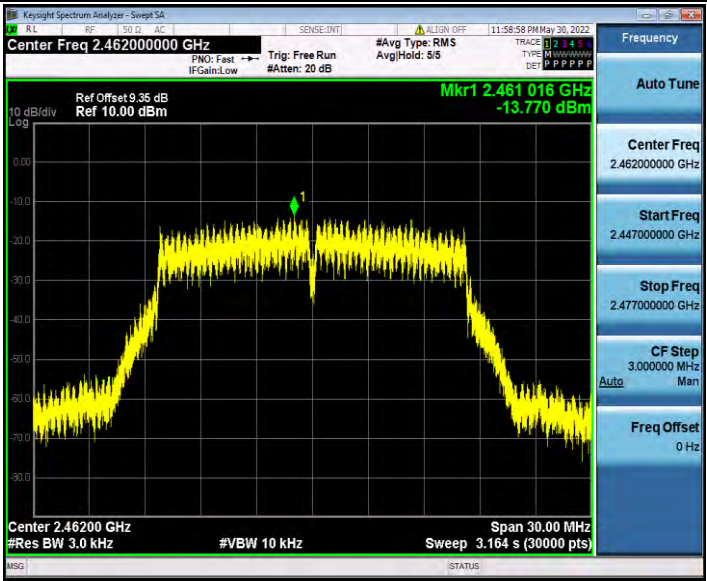
11G_Ant1_2412



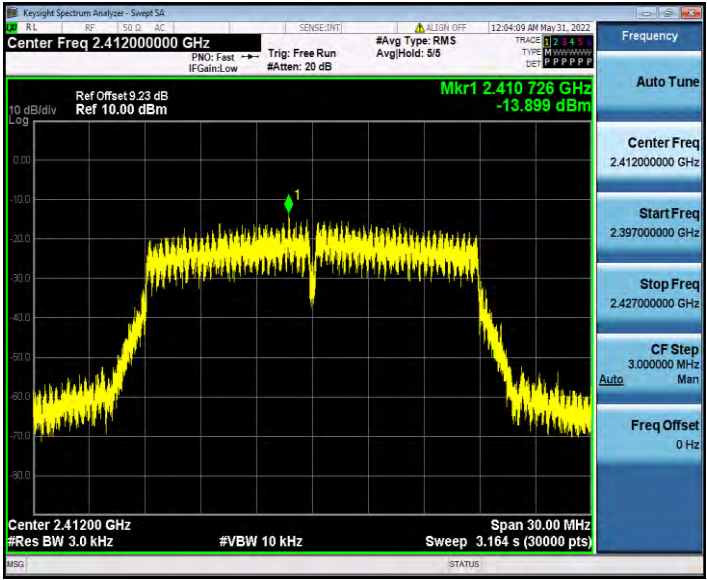
11G_Ant1_2437



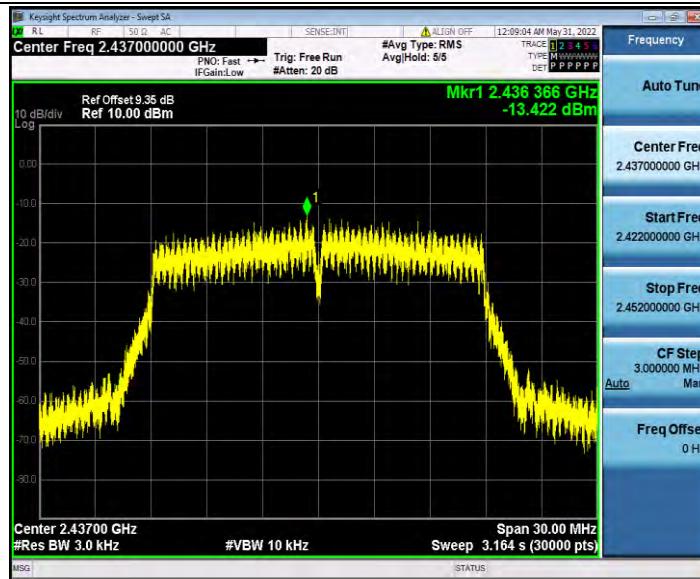
11G_Ant1_2462



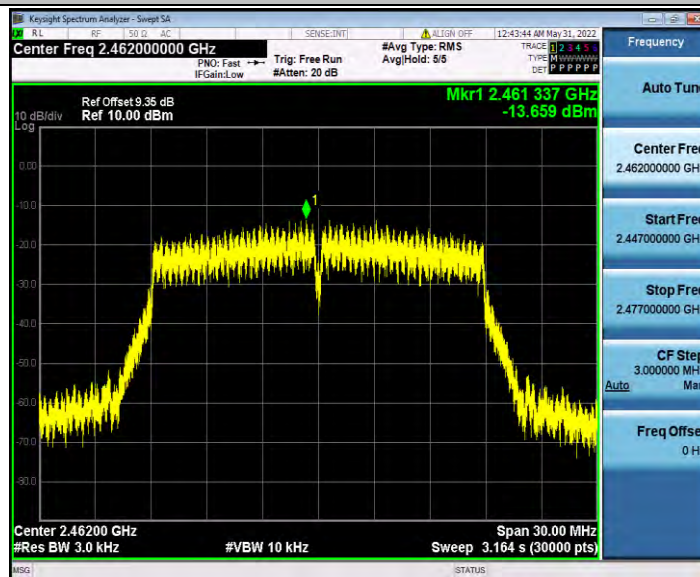
11N20SISO_Ant1_2412



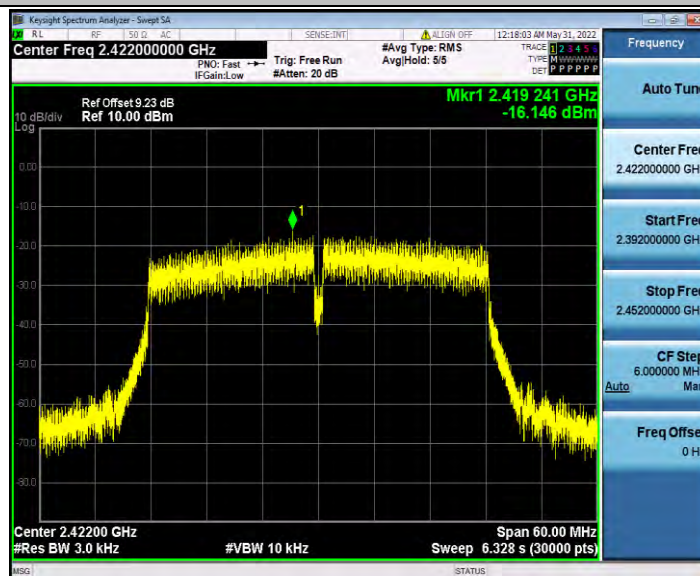
11N20SISO_Ant1_2437



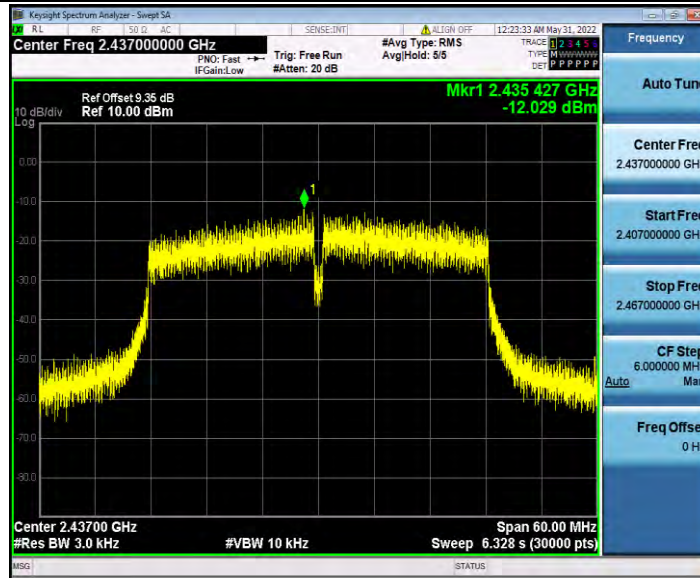
11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



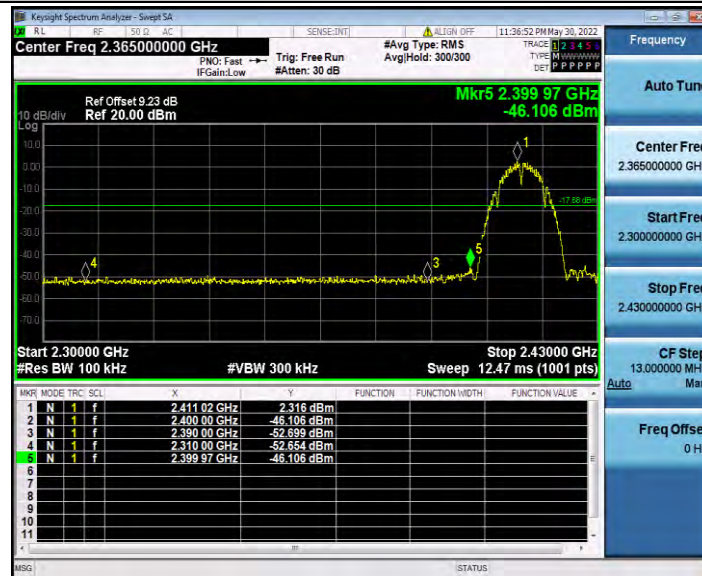
Appendix C.4: Band edge measurements

Test Result

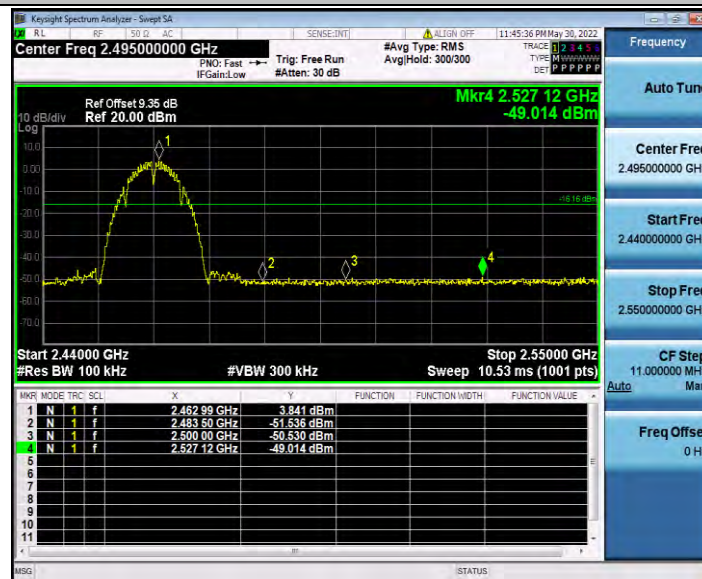
TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	2.32	-46.11	≤ -17.68	PASS
		High	2462	3.84	-49.01	≤ -16.16	PASS
11G	Ant1	Low	2412	-1.90	-36.34	≤ -21.9	PASS
		High	2462	-1.61	-47.49	≤ -21.61	PASS
11N20SISO	Ant1	Low	2412	-3.22	-38.19	≤ -23.22	PASS
		High	2462	-1.93	-48.46	≤ -21.93	PASS
11N40SISO	Ant1	Low	2422	-5.34	-39.82	≤ -25.34	PASS
		High	2452	-4.73	-46.49	≤ -24.73	PASS

Test Graphs

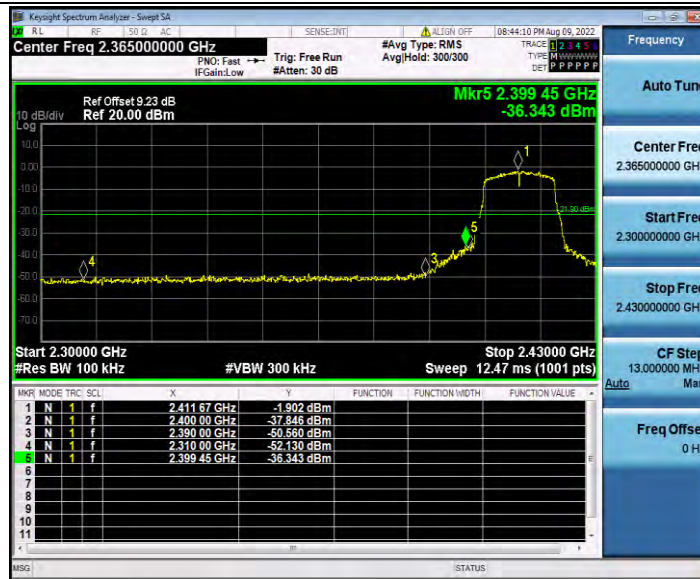
11B_Ant1_Low_2412



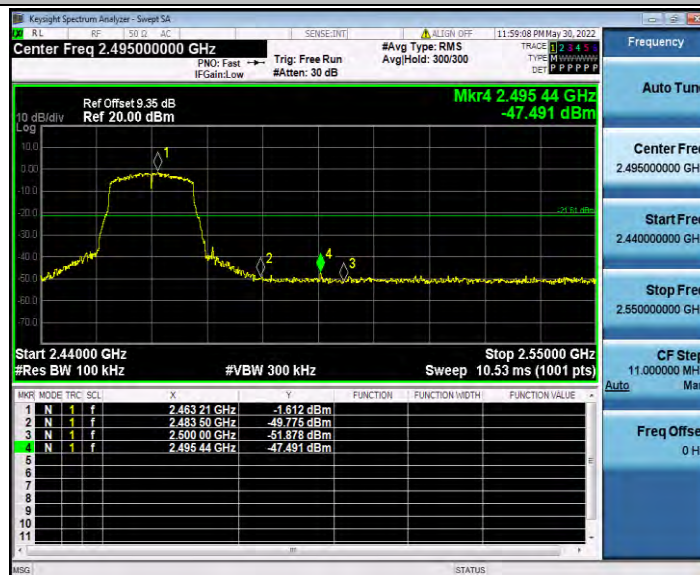
11B_Ant1_High_2462



11G_Ant1_Low_2412



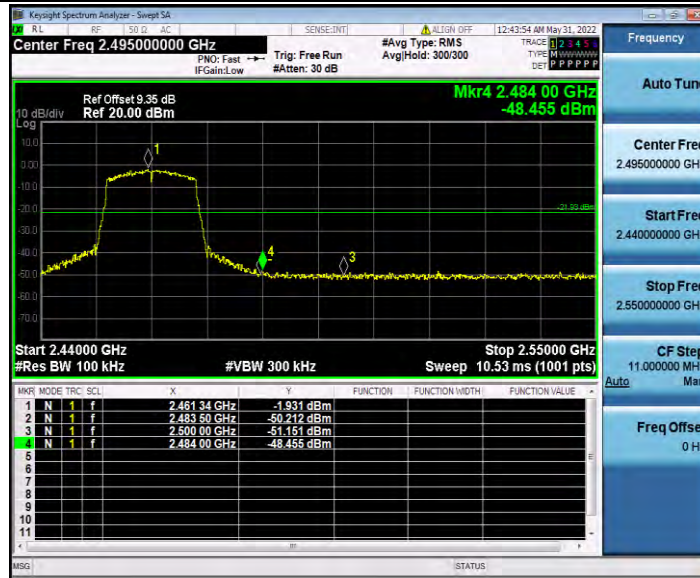
11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



Appendix C.5: Conducted Spurious Emission

Test Result

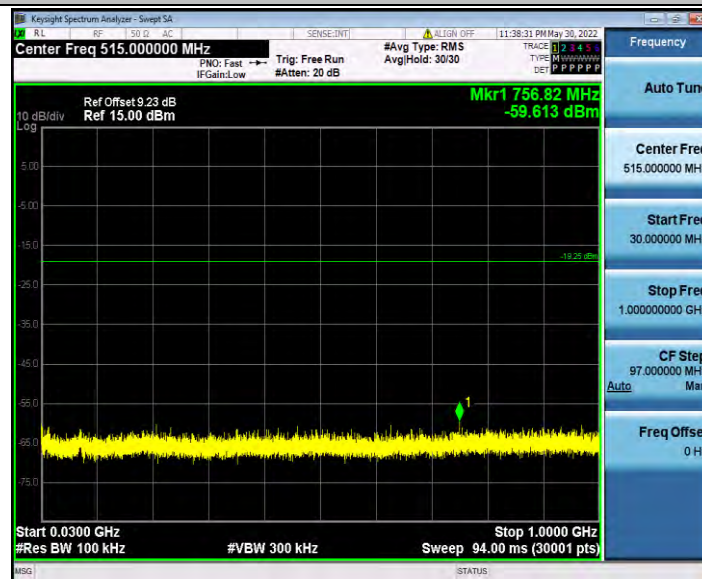
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	0.75	0.75	---	PASS
			30~1000	0.75	-59.61	≤ -19.25	PASS
			1000~26500	0.75	-47.39	≤ -19.25	PASS
		2437	Reference	8.91	8.91	---	PASS
			30~1000	8.91	-58.81	≤ -11.09	PASS
			1000~26500	8.91	-41.31	≤ -11.09	PASS
		2462	Reference	1.99	1.99	---	PASS
			30~1000	1.99	-58.99	≤ -18.01	PASS
			1000~26500	1.99	-47.46	≤ -18.01	PASS
11G	Ant1	2412	Reference	-2.36	-2.36	---	PASS
			30~1000	-2.36	-59.38	≤ -22.36	PASS
			1000~26500	-2.36	-47.51	≤ -22.36	PASS
		2437	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-59.44	≤ -16.62	PASS
			1000~26500	3.38	-47.58	≤ -16.62	PASS
		2462	Reference	-2.29	-2.29	---	PASS
			30~1000	-2.29	-58.67	≤ -22.29	PASS
			1000~26500	-2.29	-47.65	≤ -22.29	PASS
11N20SISO	Ant1	2412	Reference	-3.99	-3.99	---	PASS
			30~1000	-3.99	-59.22	≤ -23.99	PASS
			1000~26500	-3.99	-47.73	≤ -23.99	PASS
		2437	Reference	-3.50	-3.50	---	PASS
			30~1000	-3.50	-59.98	≤ -23.5	PASS
			1000~26500	-3.50	-47.88	≤ -23.5	PASS
		2462	Reference	-3.04	-3.04	---	PASS
			30~1000	-3.04	-60.49	≤ -23.04	PASS
			1000~26500	-3.04	-47.47	≤ -23.04	PASS
11N40SISO	Ant1	2422	Reference	-5.78	-5.78	---	PASS
			30~1000	-5.78	-59.81	≤ -25.78	PASS
			1000~26500	-5.78	-47.53	≤ -25.78	PASS
		2437	Reference	-1.86	-1.86	---	PASS
			30~1000	-1.86	-51.75	≤ -21.86	PASS
			1000~26500	-1.86	-46.95	≤ -21.86	PASS
		2452	Reference	-5.39	-5.39	---	PASS
			30~1000	-5.39	-60.05	≤ -25.39	PASS
			1000~26500	-5.39	-47.43	≤ -25.39	PASS

Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



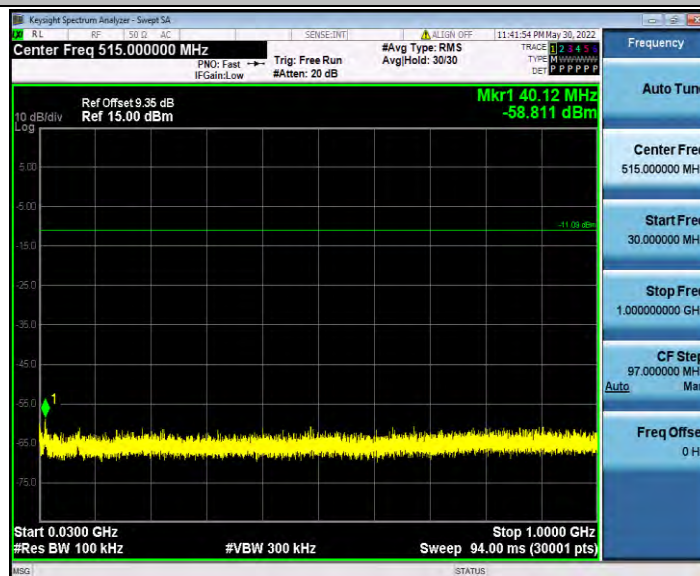
11B_Ant1_2412_1000~26500



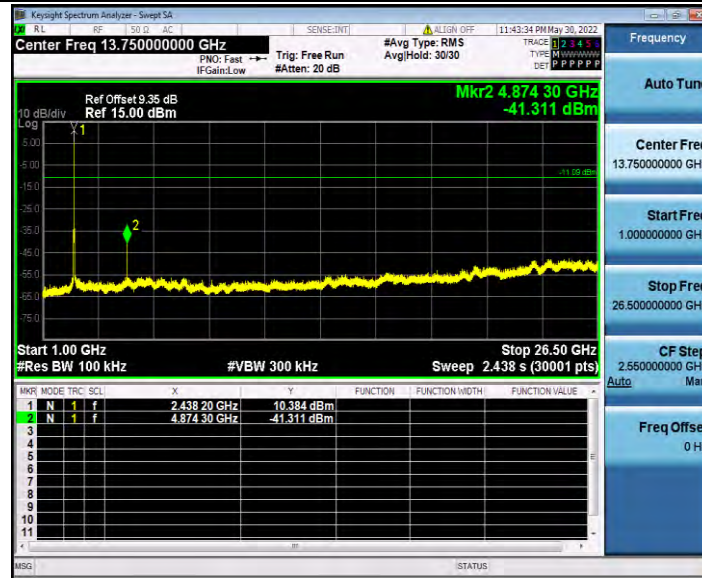
11B_Ant1_2437_0~Reference



11B_Ant1_2437_30~1000



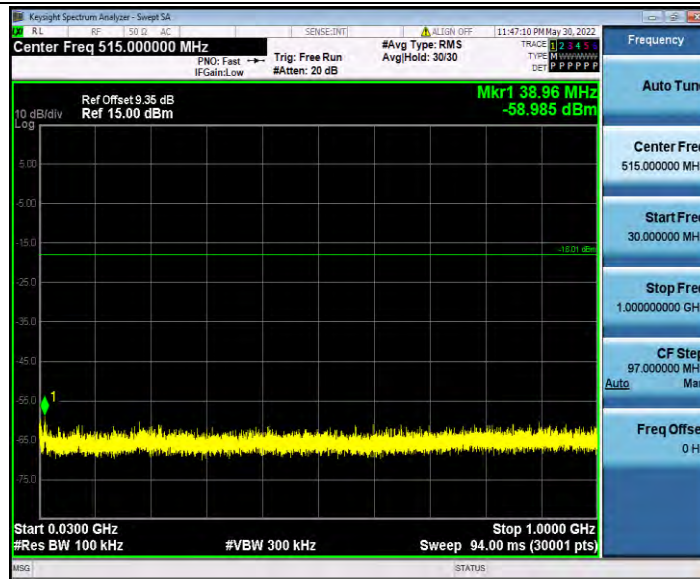
11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



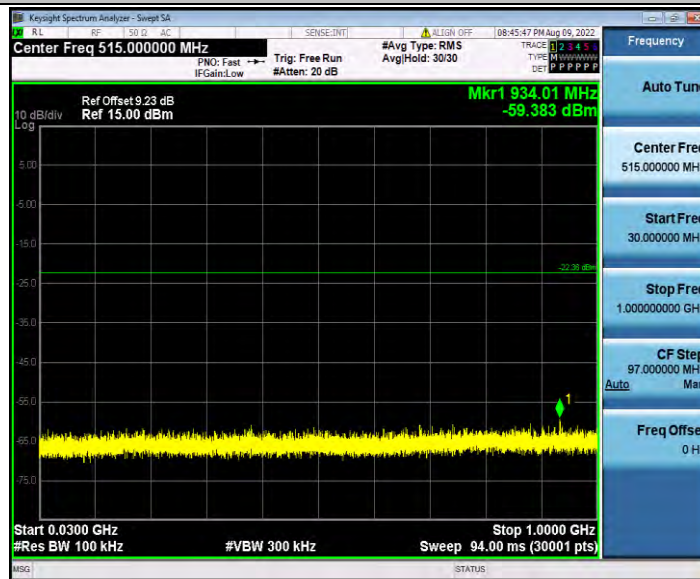
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



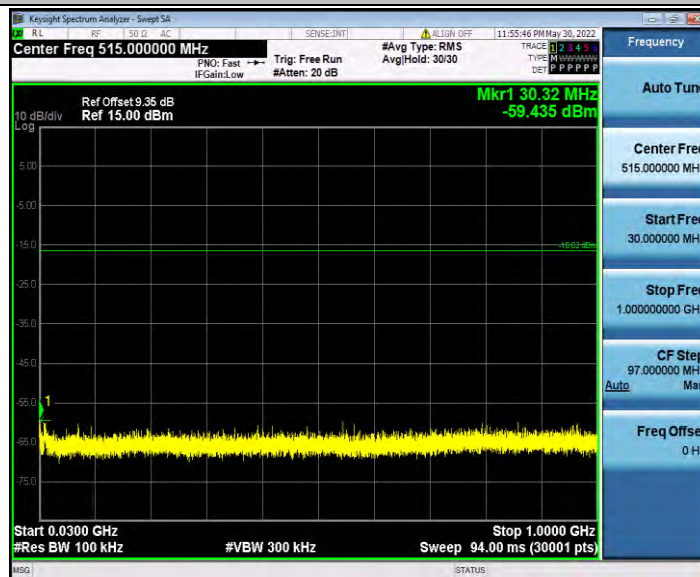
11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



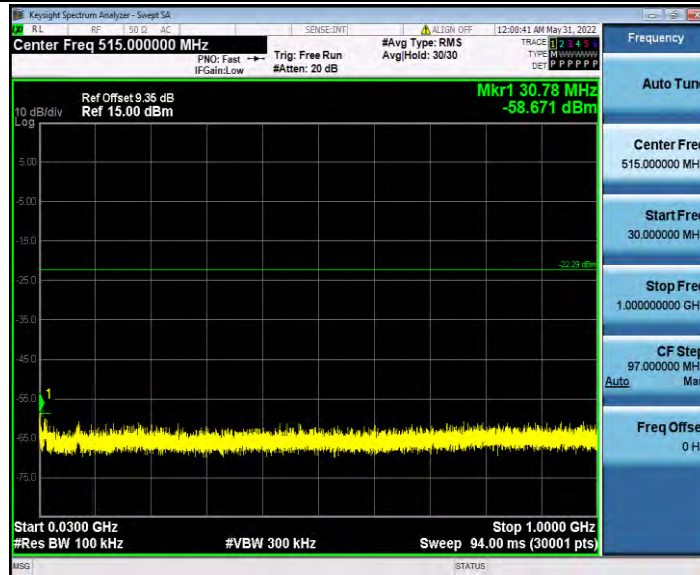
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



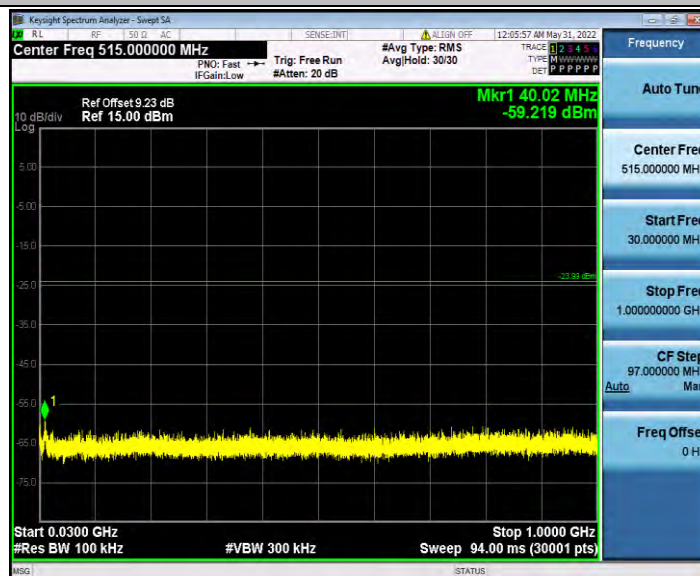
11G_Ant1_2462_1000~26500



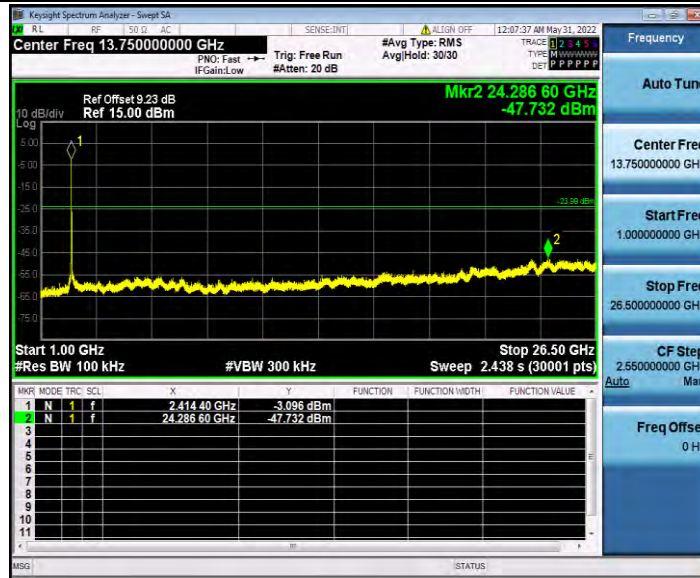
11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



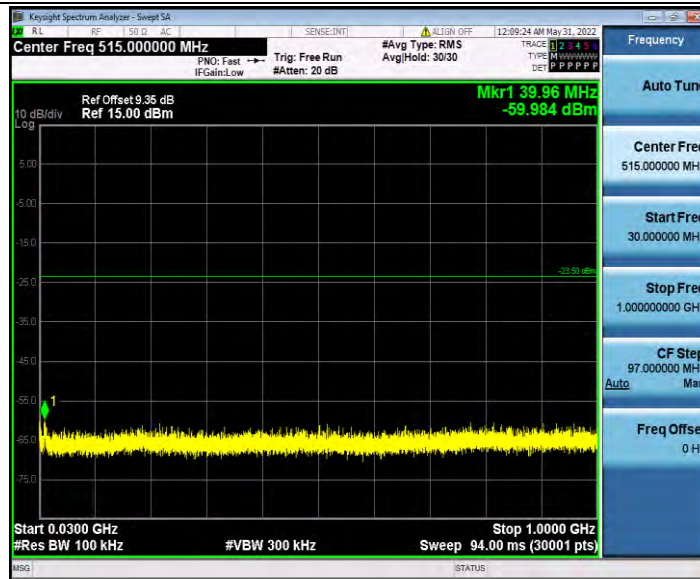
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



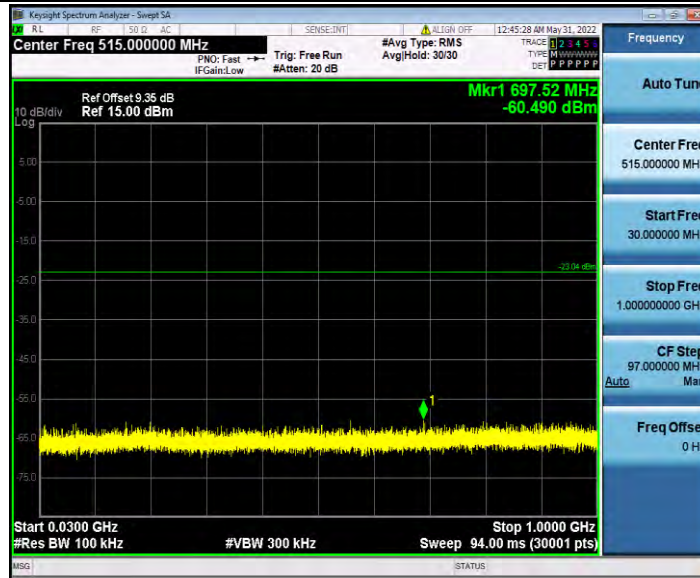
11N20SISO_Ant1_2437_1000~26500



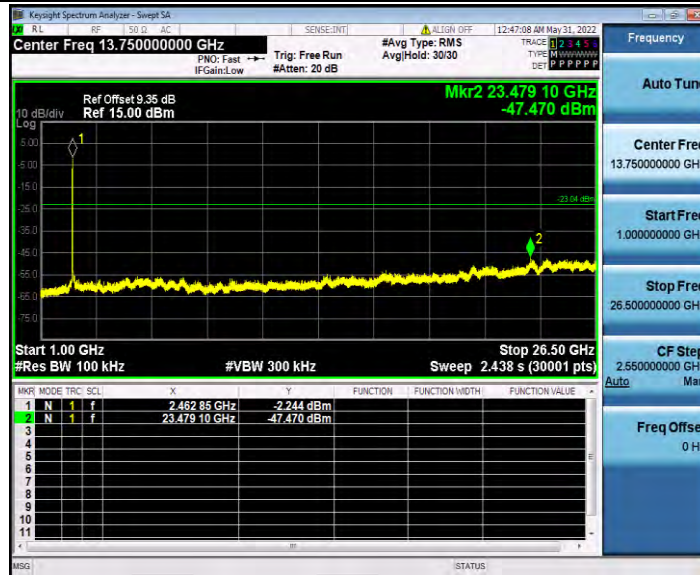
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



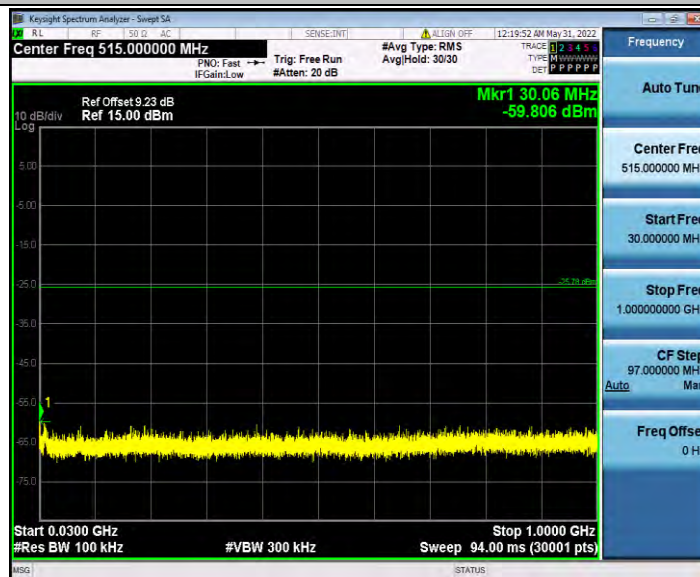
11N20SISO_Ant1_2462_1000~26500



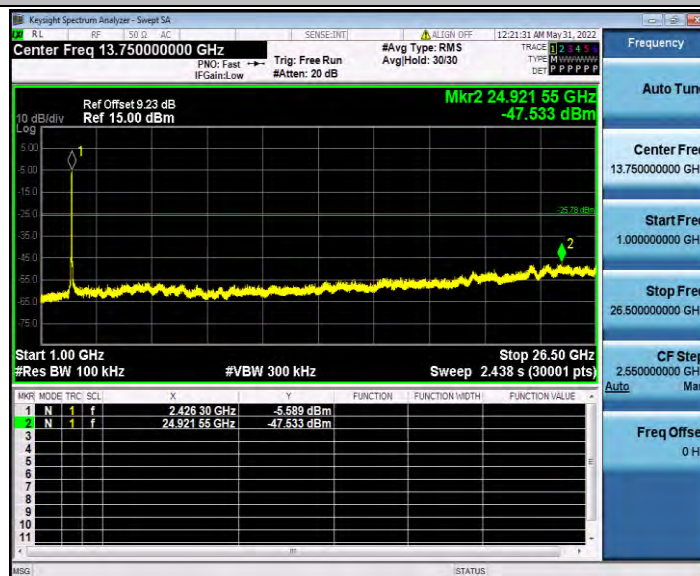
11N40SISO_Ant1_2422_0~Reference



11N40SISO_Ant1_2422_30~1000



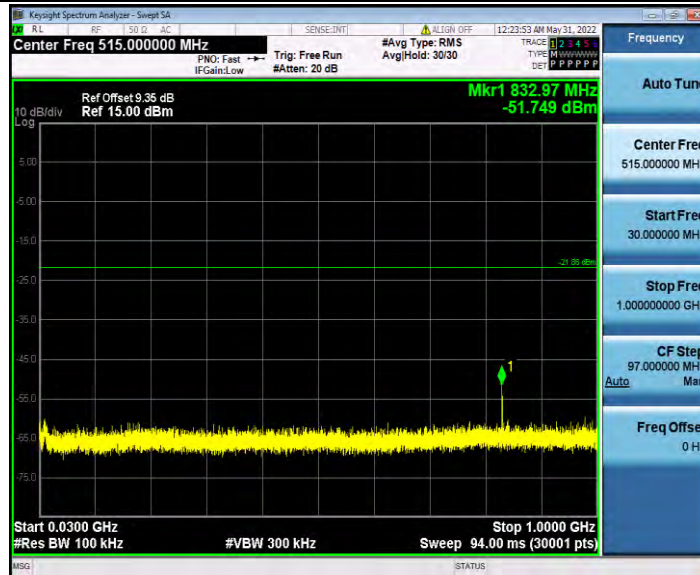
11N40SISO_Ant1_2422_1000~26500



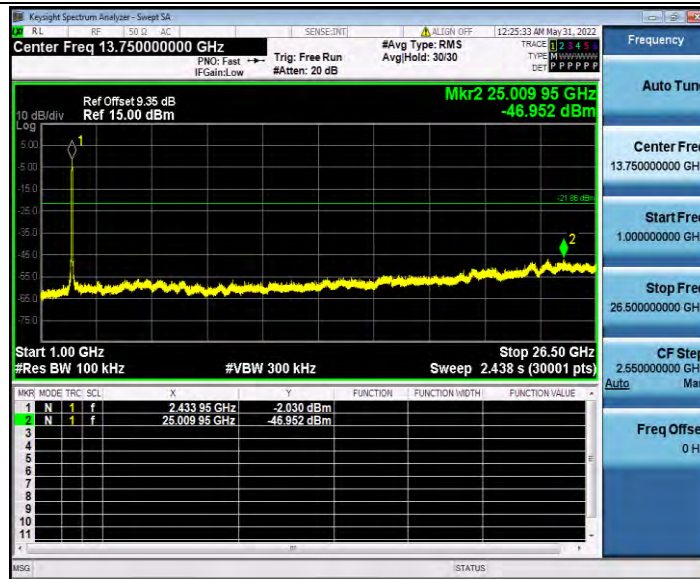
11N40SISO_Ant1_2437_0~Reference



11N40SISO_Ant1_2437_30~1000



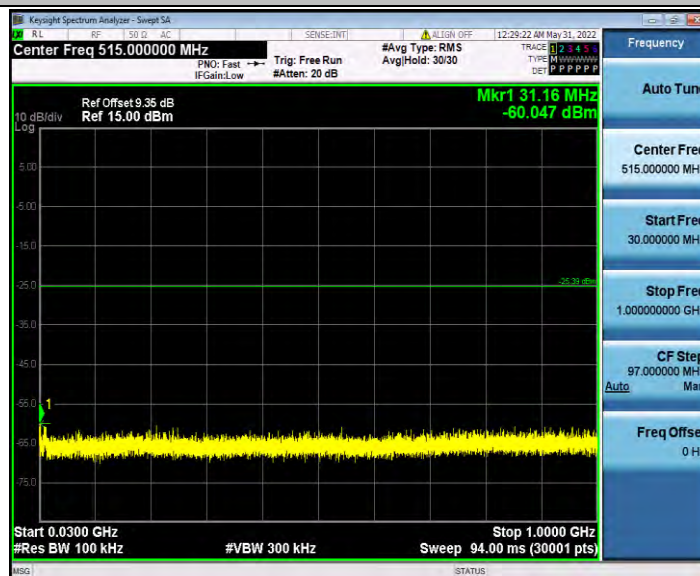
11N40SISO_Ant1_2437_1000~26500



11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500

