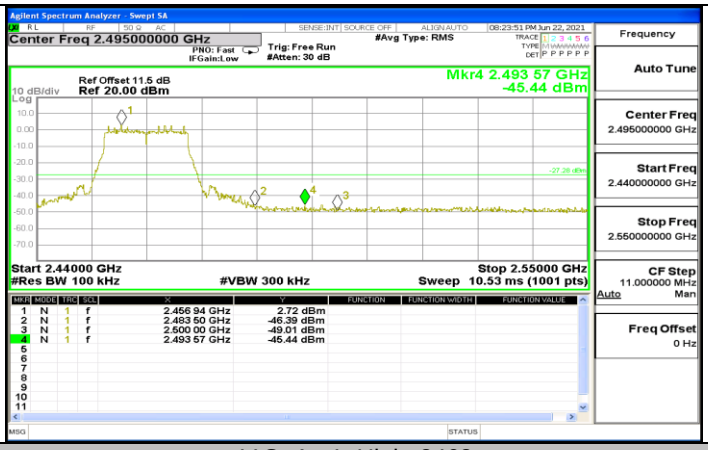
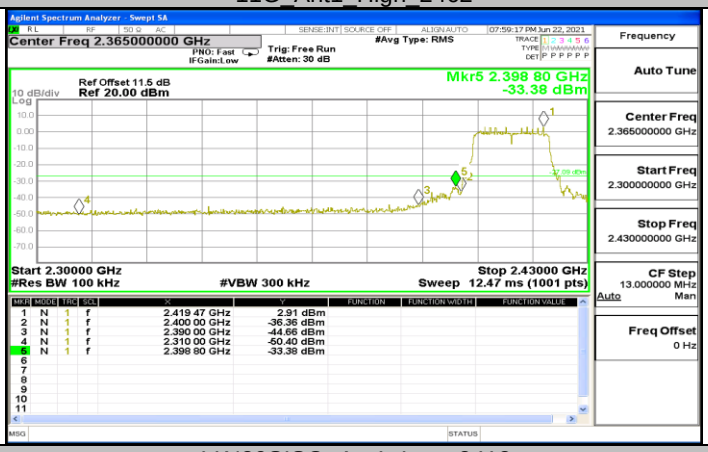
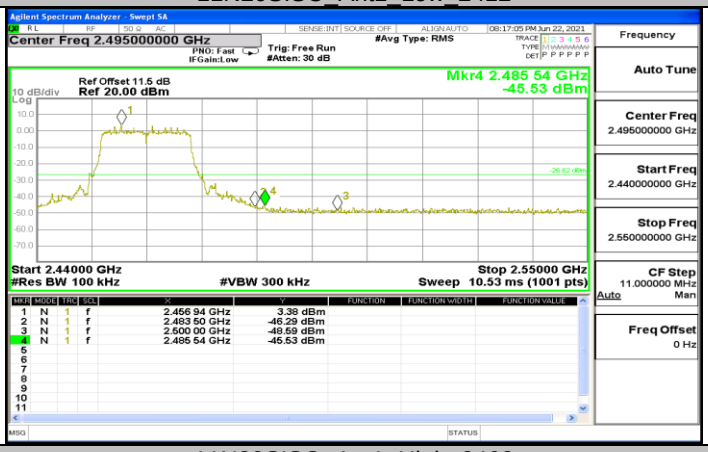


11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412



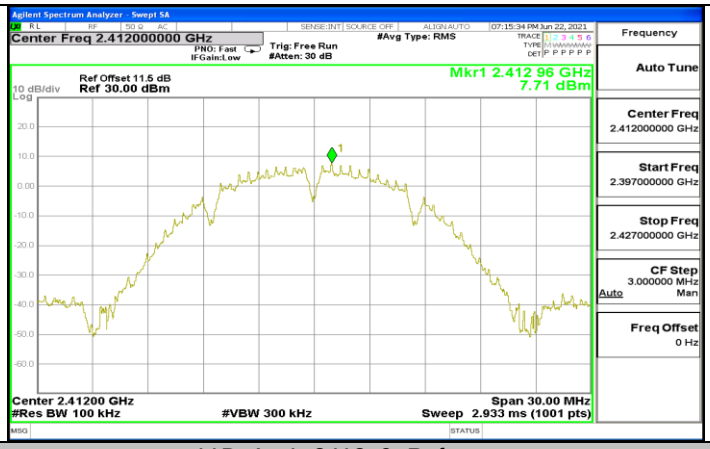
11N20SISO_Ant1_High_2462

9.6. Appendix F: Conducted Spurious Emission

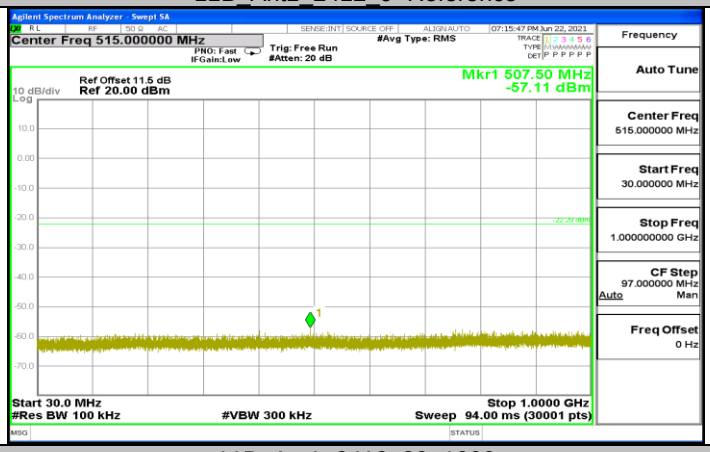
9.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	7.71	---	PASS
			30~1000	-57.11	<=-22.29	PASS
			1000~26500	-41.01	<=-22.29	PASS
		2437	Reference	7.36	---	PASS
			30~1000	-57.39	≤-22.64	PASS
			1000~26500	-42.44	≤-22.64	PASS
		2462	Reference	6.44	---	PASS
			30~1000	-57.28	≤-23.56	PASS
			1000~26500	-44.46	≤-23.56	PASS
11G	Ant1	2412	Reference	3.22	---	PASS
			30~1000	-57.77	≤-26.78	PASS
			1000~26500	-45.96	≤-26.78	PASS
		2437	Reference	3.19	---	PASS
			30~1000	-57.32	≤-26.81	PASS
			1000~26500	-46.44	≤-26.81	PASS
		2462	Reference	2.99	---	PASS
			30~1000	-57.8	≤-27.01	PASS
			1000~26500	-46.13	≤-27.01	PASS
11N20SISO	Ant1	2412	Reference	3.36	---	PASS
			30~1000	-57.69	≤-26.64	PASS
			1000~26500	-46.43	≤-26.64	PASS
		2437	Reference	2.31	---	PASS
			30~1000	-57.07	≤-27.69	PASS
			1000~26500	-46.2	≤-27.69	PASS
		2462	Reference	3.38	---	PASS
			30~1000	-57.42	≤-26.62	PASS
			1000~26500	-46.4	≤-26.62	PASS

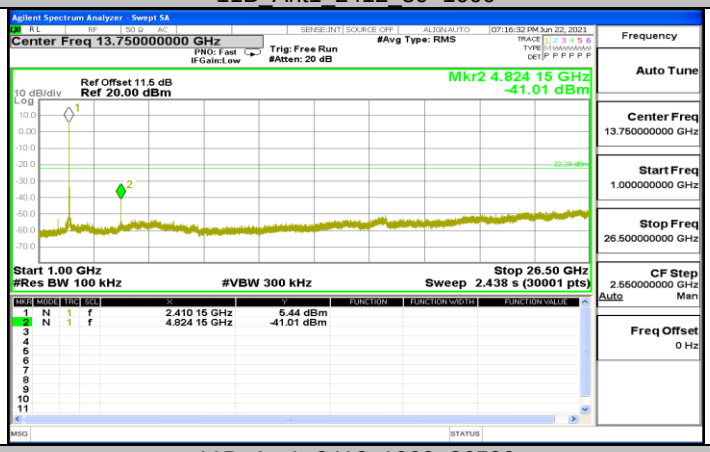
9.6.2. Test Graphs



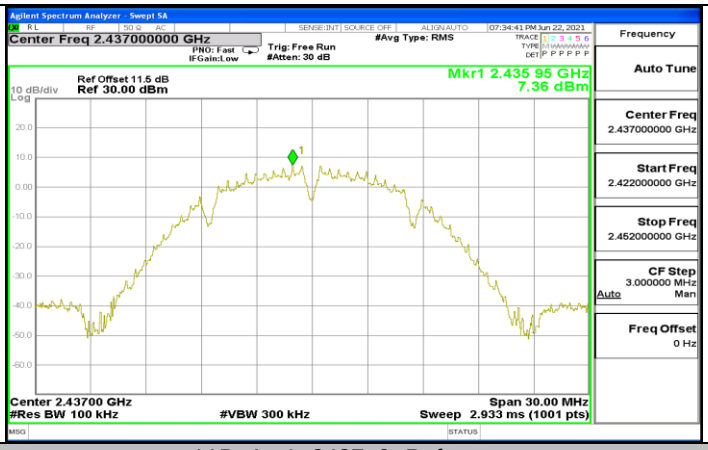
11B_Ant1_2412_0~Reference



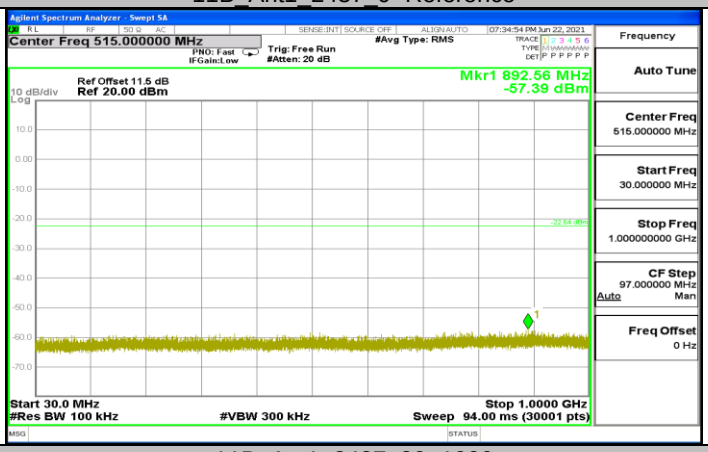
11B_Ant1_2412_30~1000



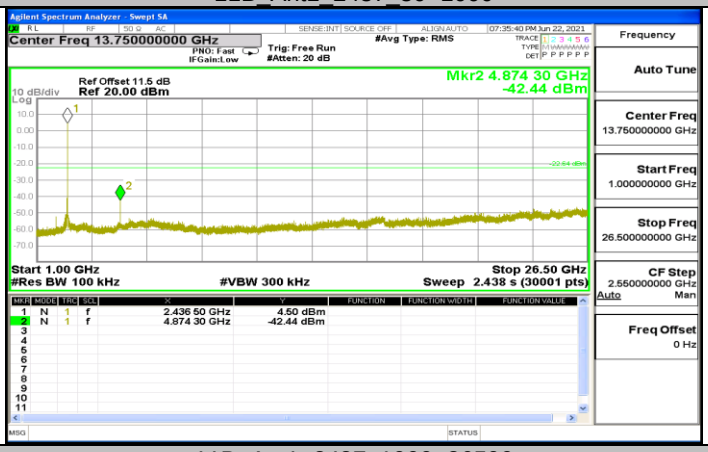
11B_Ant1_2412_1000~26500



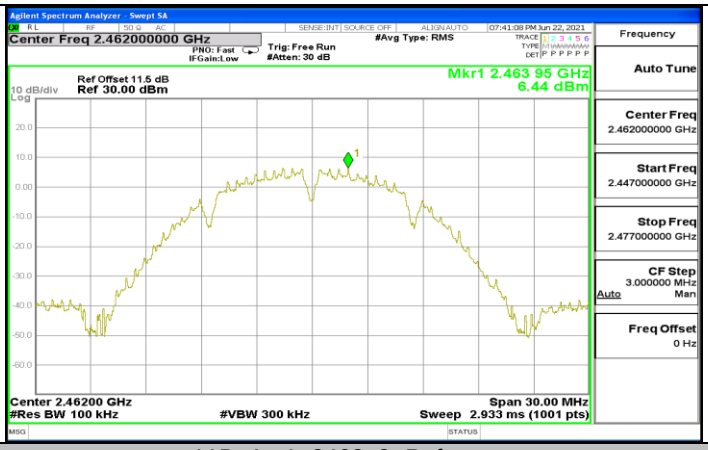
11B_Ant1_2437_0~Reference



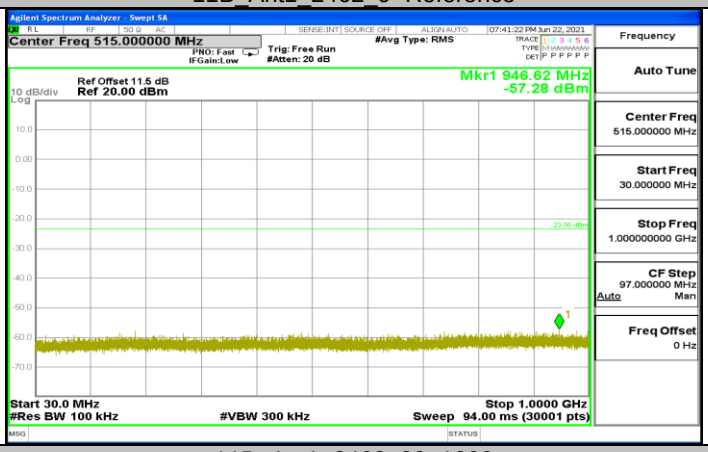
11B_Ant1_2437_30~1000



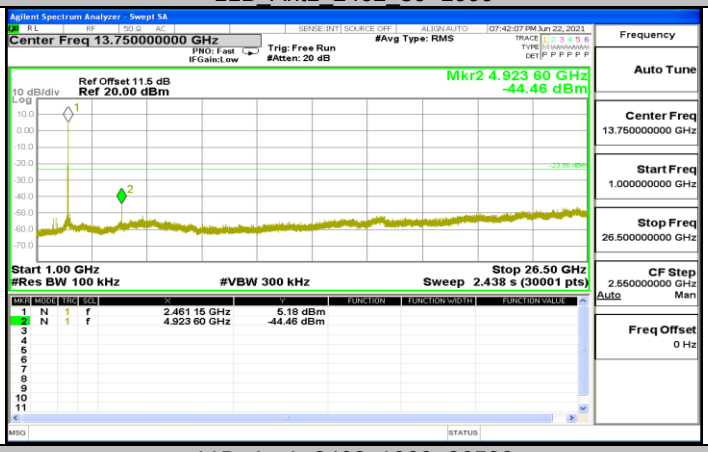
11B_Ant1_2437_1000~26500



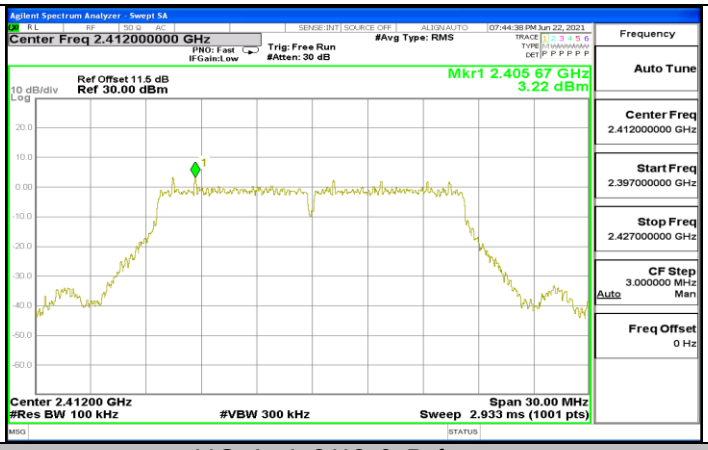
11B_Ant1_2462_0~Reference



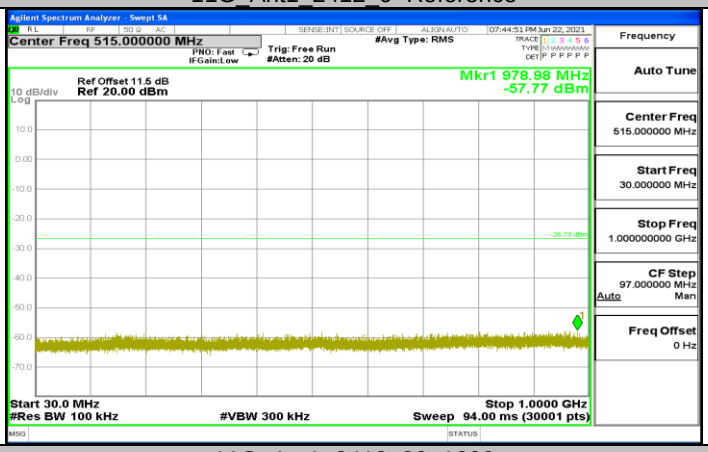
11B_Ant1_2462_30~1000



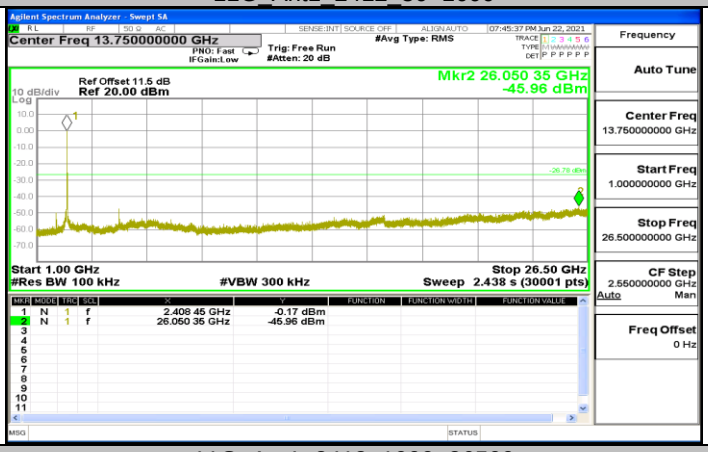
11B_Ant1_2462_1000~26500



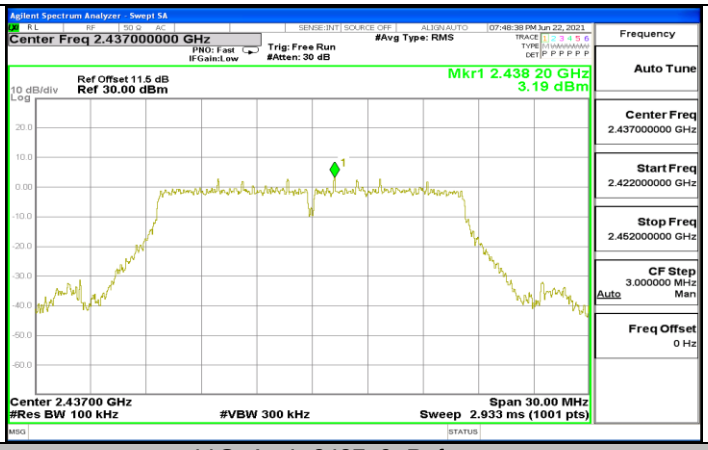
11G_Ant1_2412_0~Reference



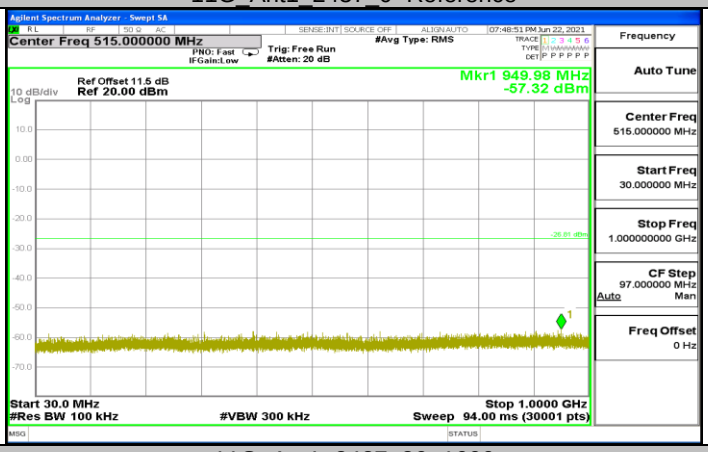
11G_Ant1_2412_30~1000



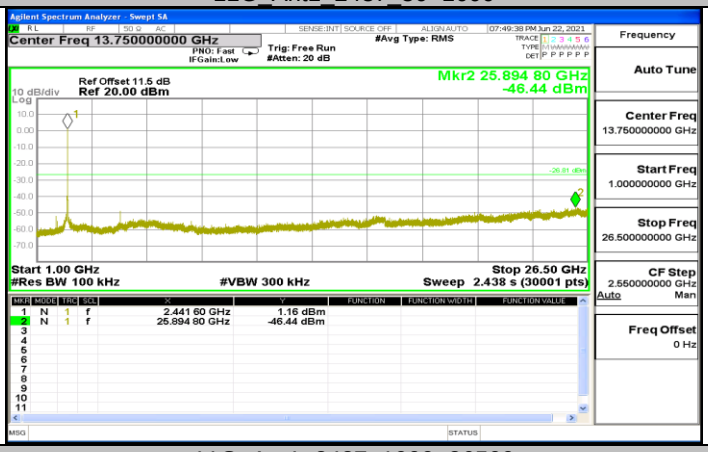
11G_Ant1_2412_1000~26500



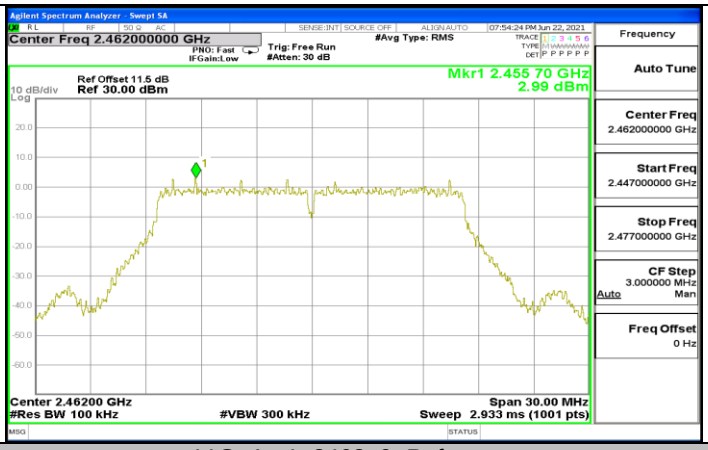
11G_Ant1_2437_0~Reference



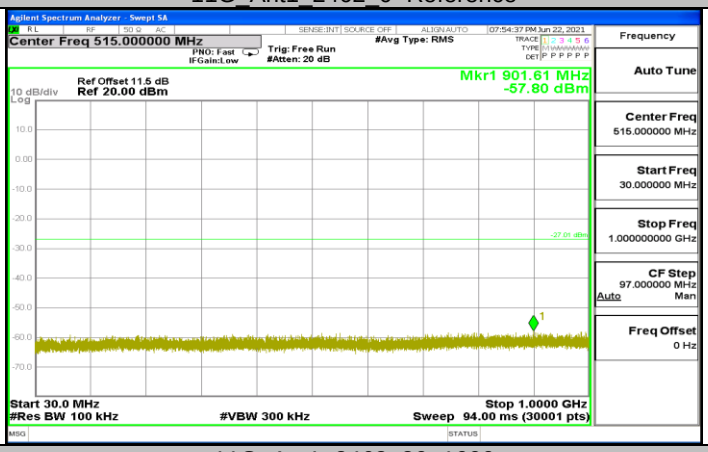
11G_Ant1_2437_30~1000



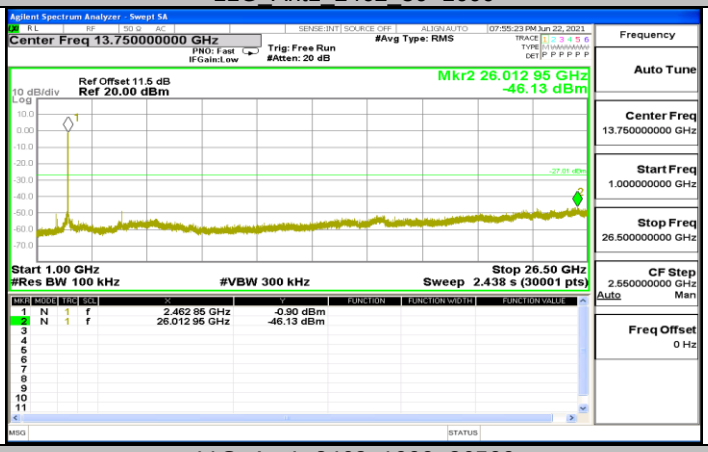
11G_Ant1_2437_1000~26500



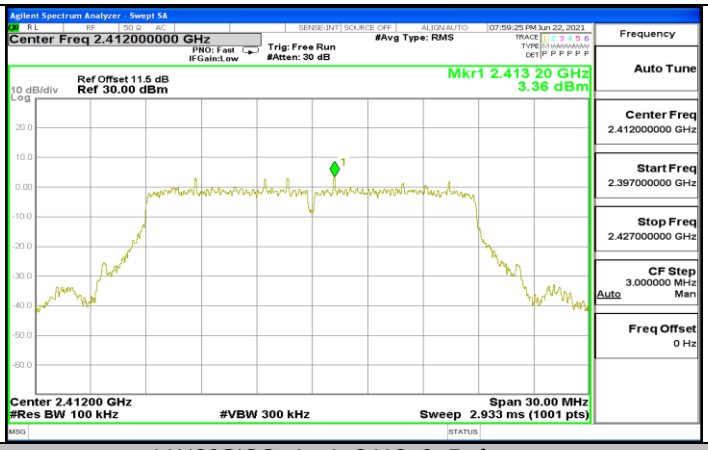
11G_Ant1_2462_0~Reference



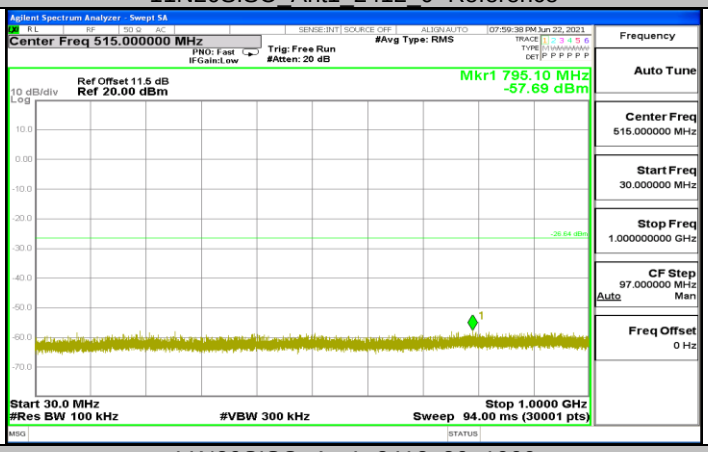
11G_Ant1_2462_30~1000



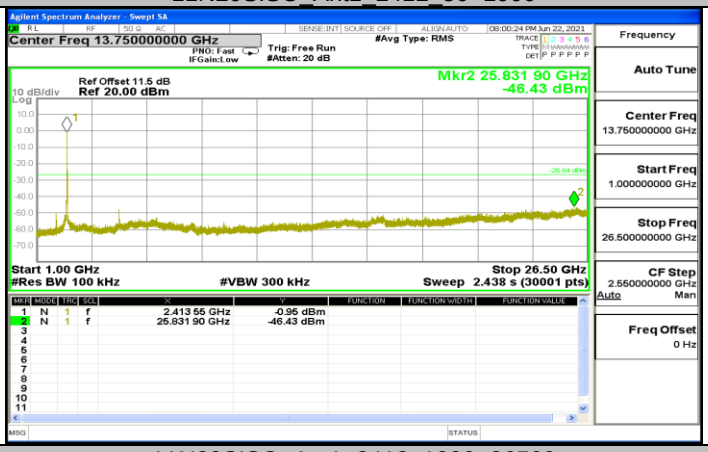
11G_Ant1_2462_1000~26500



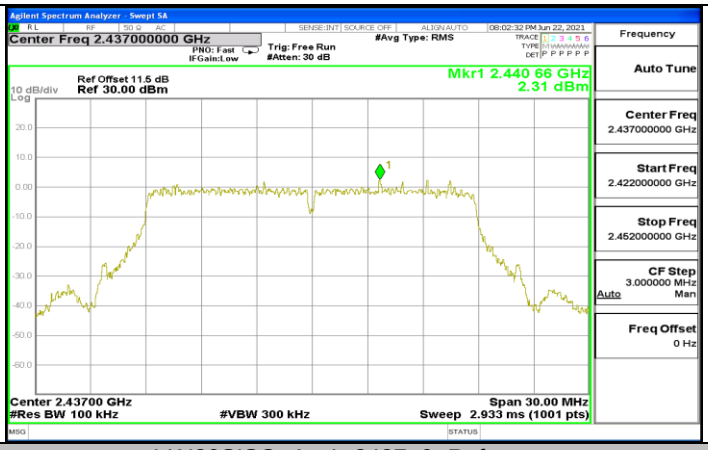
11N20SISO_Ant1_2412_0~Reference



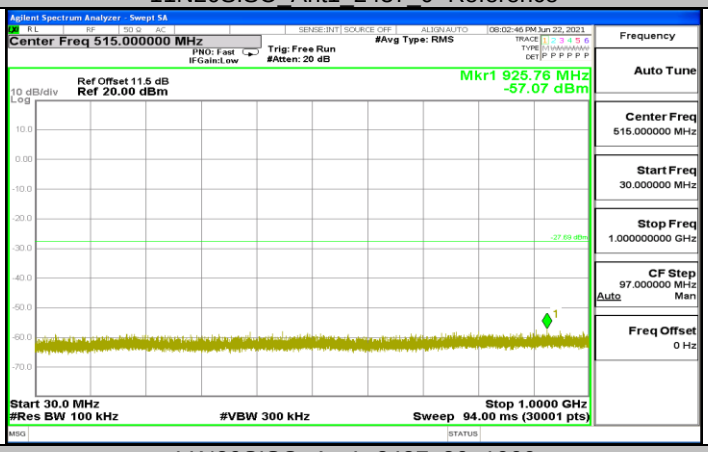
11N20SISO_Ant1_2412_30~1000



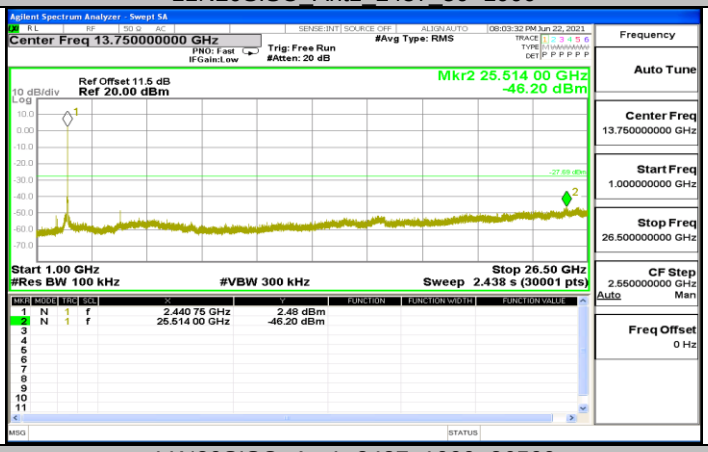
11N20SISO_Ant1_2412_1000~26500



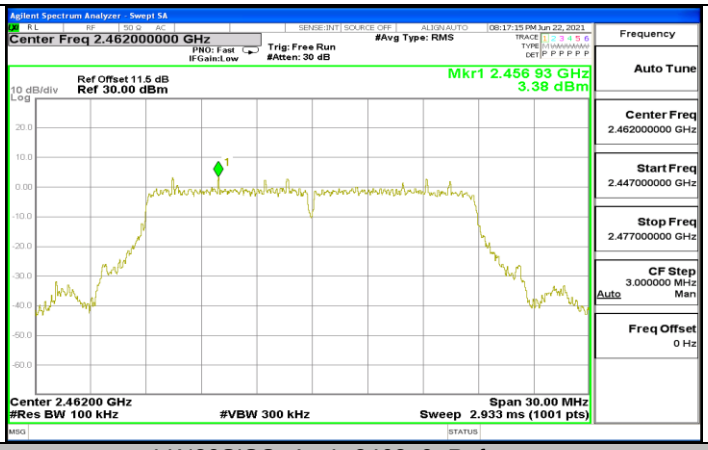
11N20SISO_Ant1_2437_0~Reference



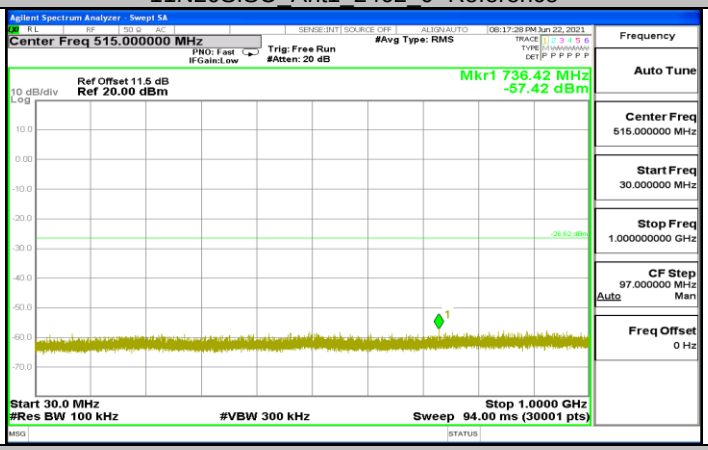
11N20SISO_Ant1_2437_30~1000



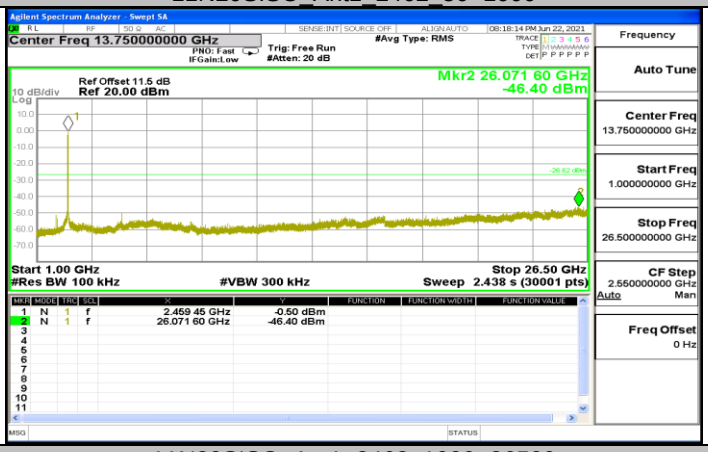
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

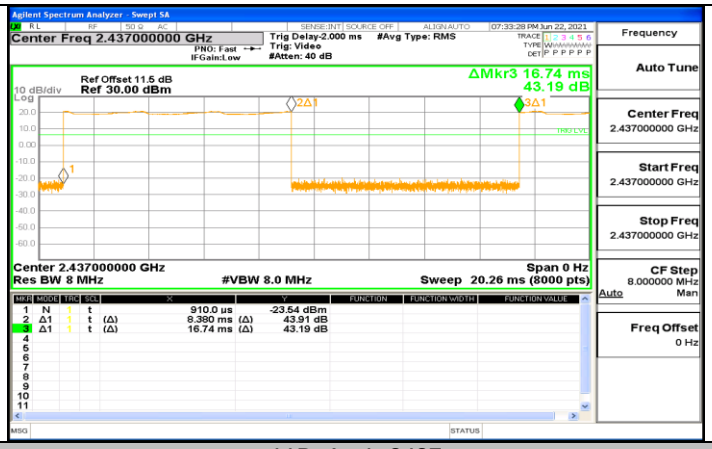
9.7. Appendix G: Duty Cycle

9.7.1. Test Result

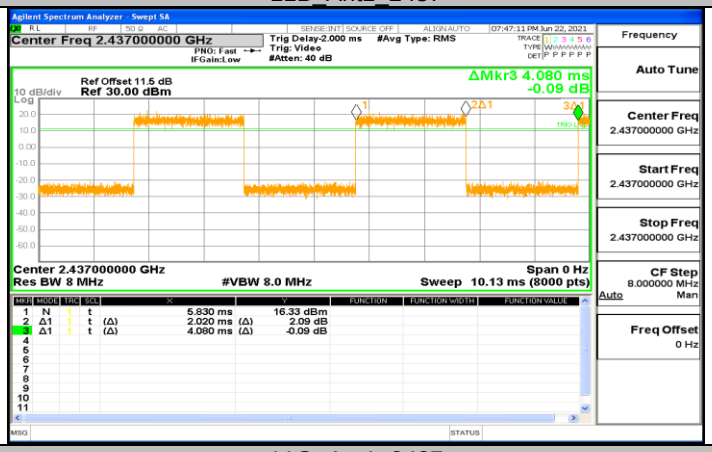
Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11B	8.38	16.74	0.5006	50.06	3.01	0.12	0.5
11G	2.02	4.08	0.4951	49.51	3.05	0.50	1
11N20SISO	1.89	4.03	0.4690	46.90	3.29	0.53	1

Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

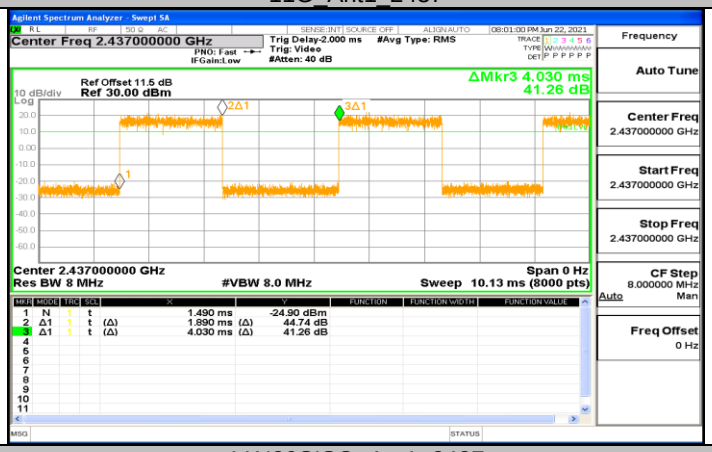
9.7.2. Test Graphs



11B_Ant1_2437



11G_Ant1_2437



11N20SISO_Ant1_2437

END OF REPORT