

11.3. APPENDIX C: MAXIMUM CONDUCTED OUTPUT POWER

11.3.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	19.95	≤30.00	PASS
		2417	22.29	≤30.00	PASS
		2437	22.24	≤30.00	PASS
		2457	22.47	≤30.00	PASS
		2462	22.21	≤30.00	PASS
11G	Ant1	2412	17.75	≤30.00	PASS
		2417	19.10	≤30.00	PASS
		2437	21.80	≤30.00	PASS
		2457	19.33	≤30.00	PASS
		2462	17.79	≤30.00	PASS
11N20SISO	Ant1	2412	17.61	≤30.00	PASS
		2417	19.32	≤30.00	PASS
		2437	20.65	≤30.00	PASS
		2457	20.88	≤30.00	PASS
		2462	16.95	≤30.00	PASS

Note: 1. Conducted Power=Meas. Level+ Correction Factor

2. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

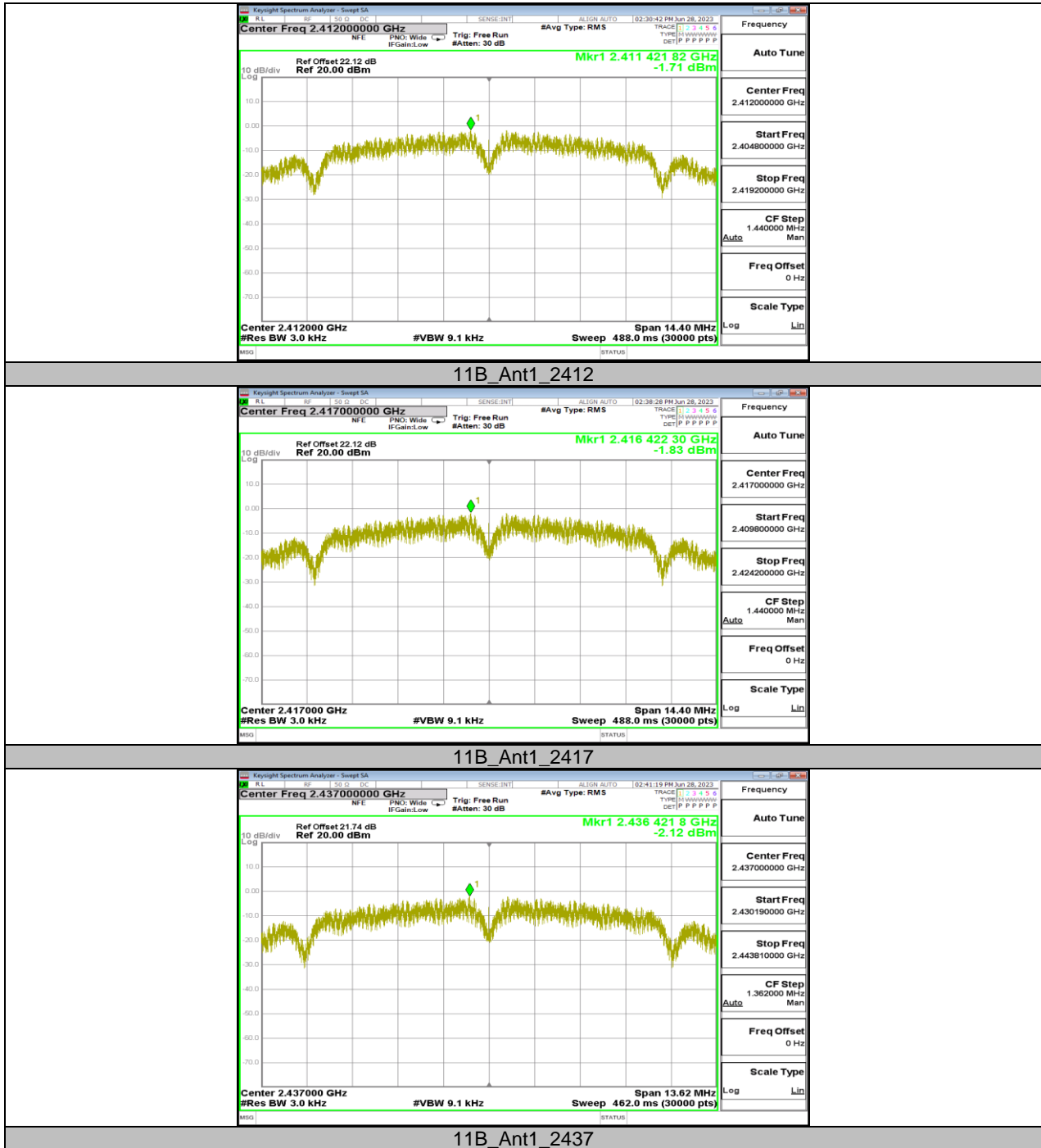
11.4. APPENDIX D: MAXIMUM POWER SPECTRAL DENSITY

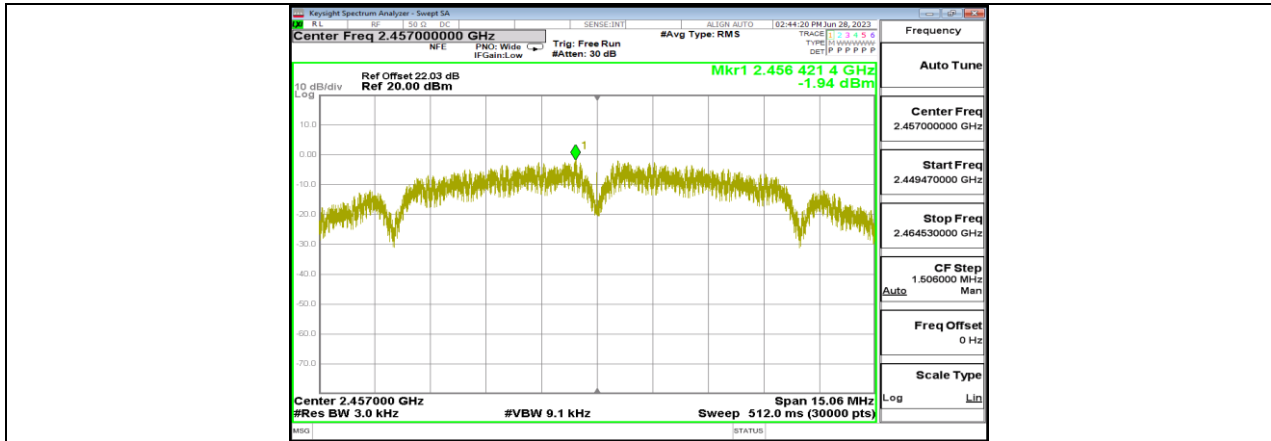
11.4.1. Test Result

Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-1.71	≤8.00	PASS
		2417	-1.83	≤8.00	PASS
		2437	-2.12	≤8.00	PASS
		2457	-1.94	≤8.00	PASS
		2462	-2.24	≤8.00	PASS
11G	Ant1	2412	-5.87	≤8.00	PASS
		2417	-5.83	≤8.00	PASS
		2437	-4.62	≤8.00	PASS
		2457	-4.4	≤8.00	PASS
		2462	-4.69	≤8.00	PASS
11N20SISO	Ant1	2412	-5.92	≤8.00	PASS
		2417	-6.12	≤8.00	PASS
		2437	-4.82	≤8.00	PASS
		2457	-4.53	≤8.00	PASS
		2462	-4.83	≤8.00	PASS

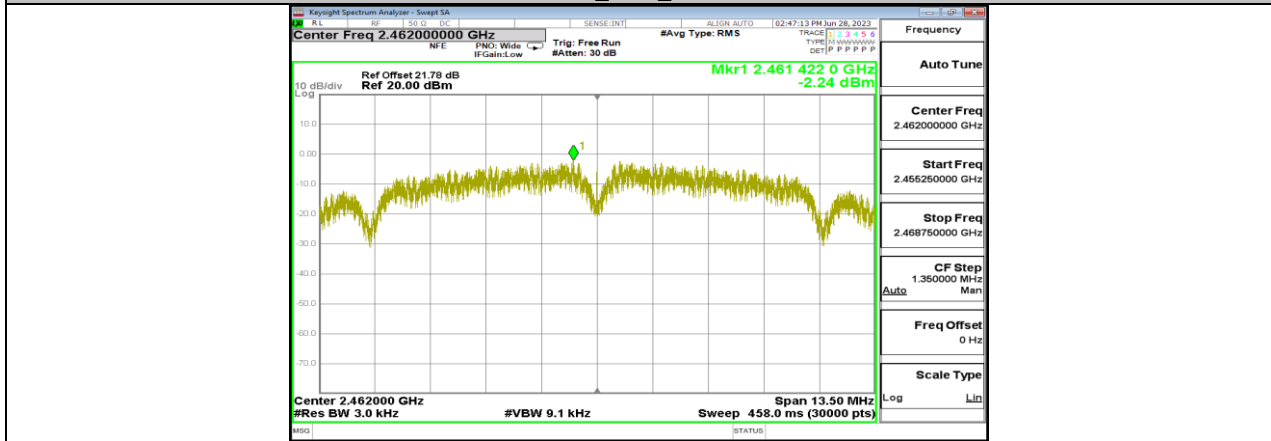
Note: 1. The Duty Cycle Factor (refer to section 7.5) had already compensated to the test data.

11.4.2. Test Graphs

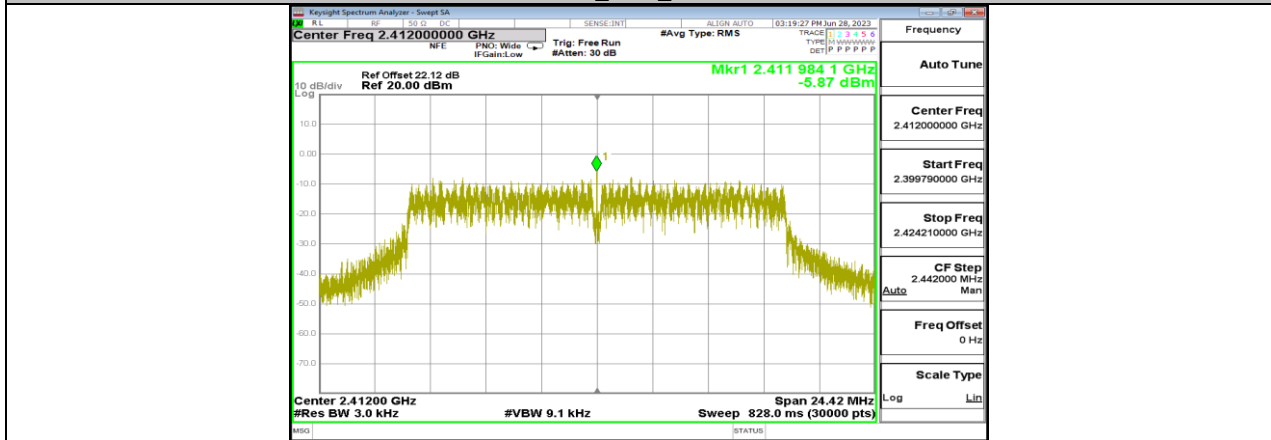




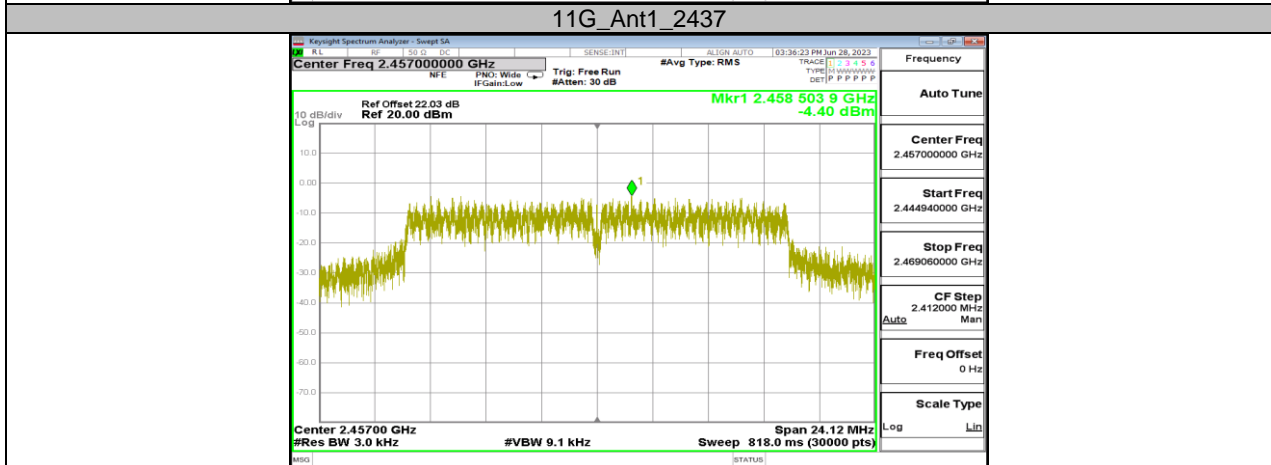
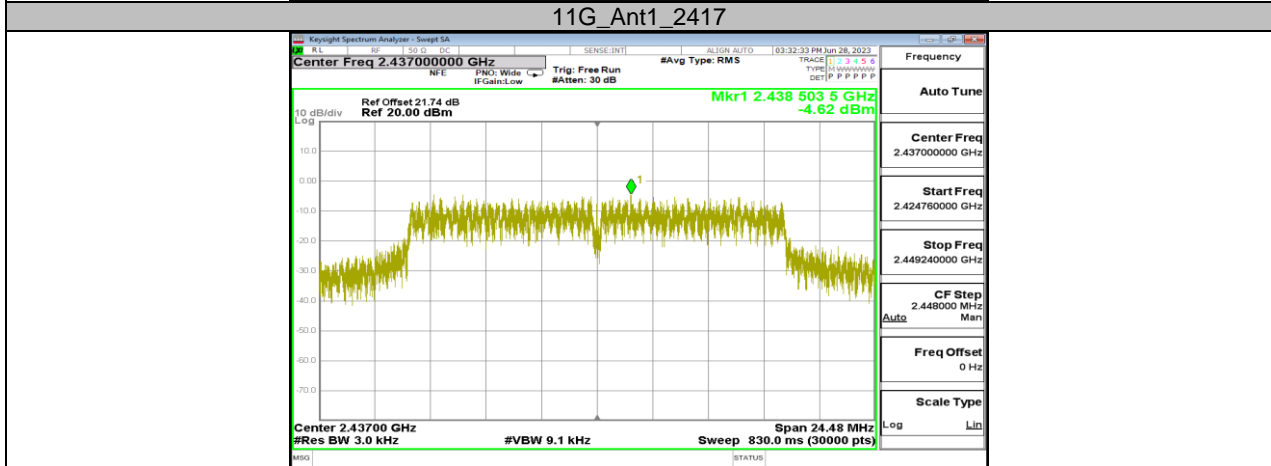
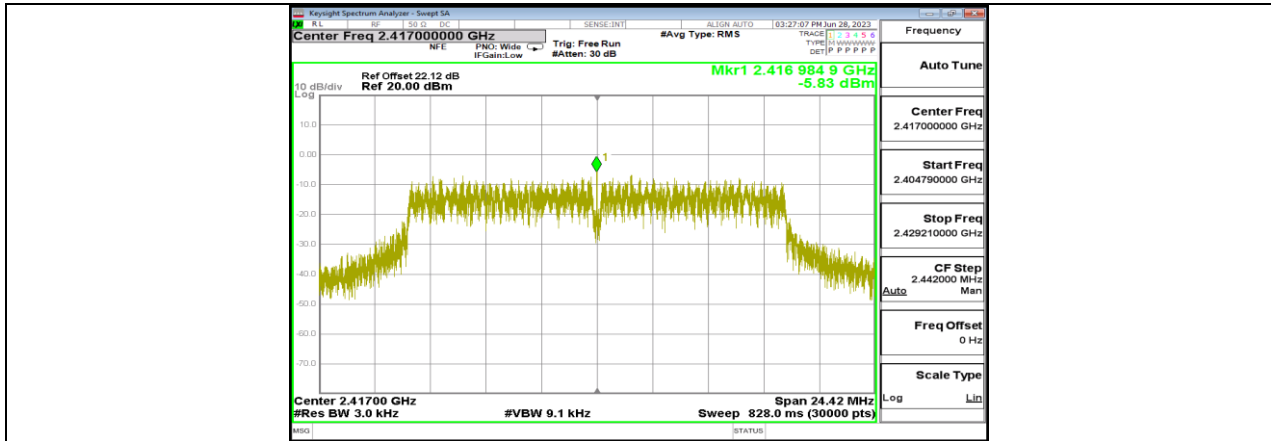
11B_Ant1_2457



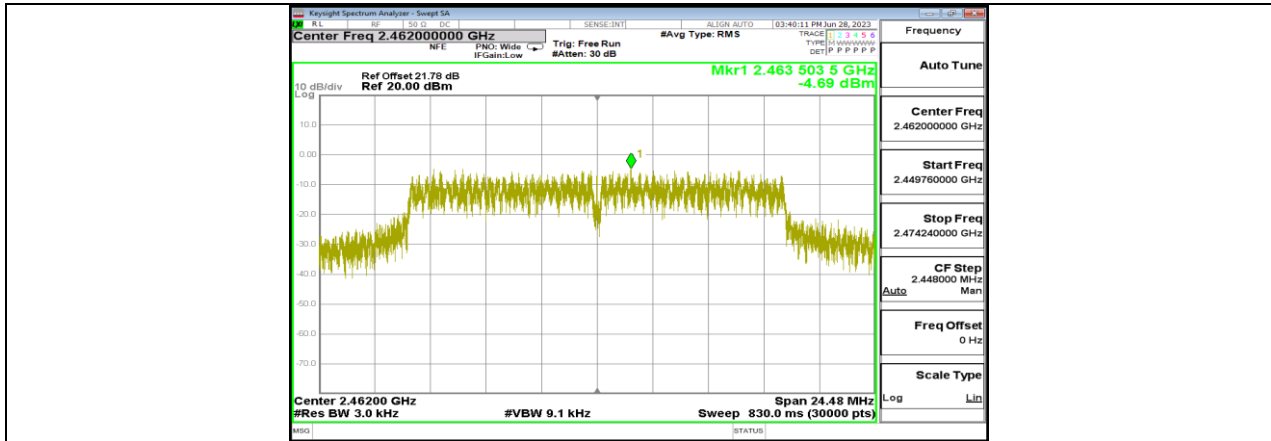
11B_Ant1_2462



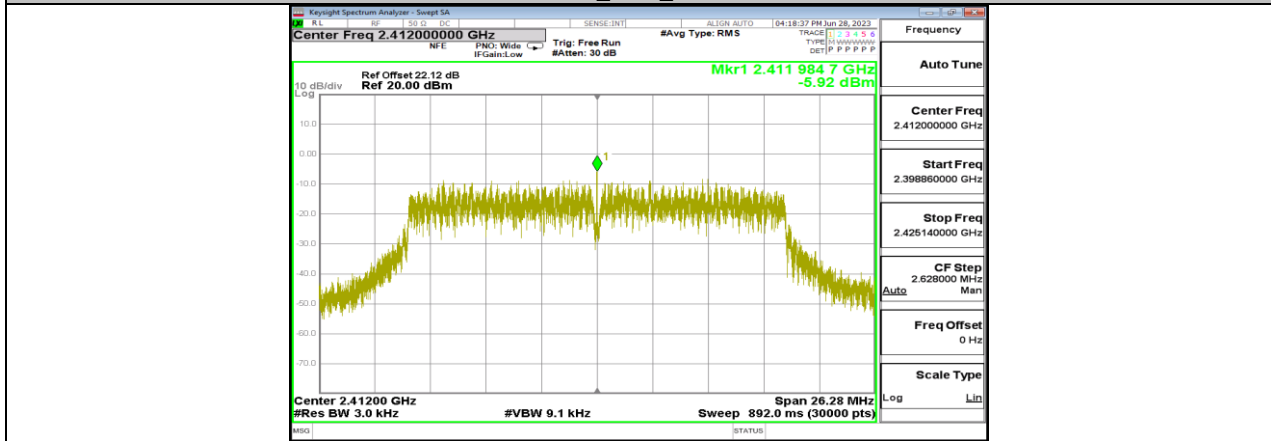
11G_Ant1_2412



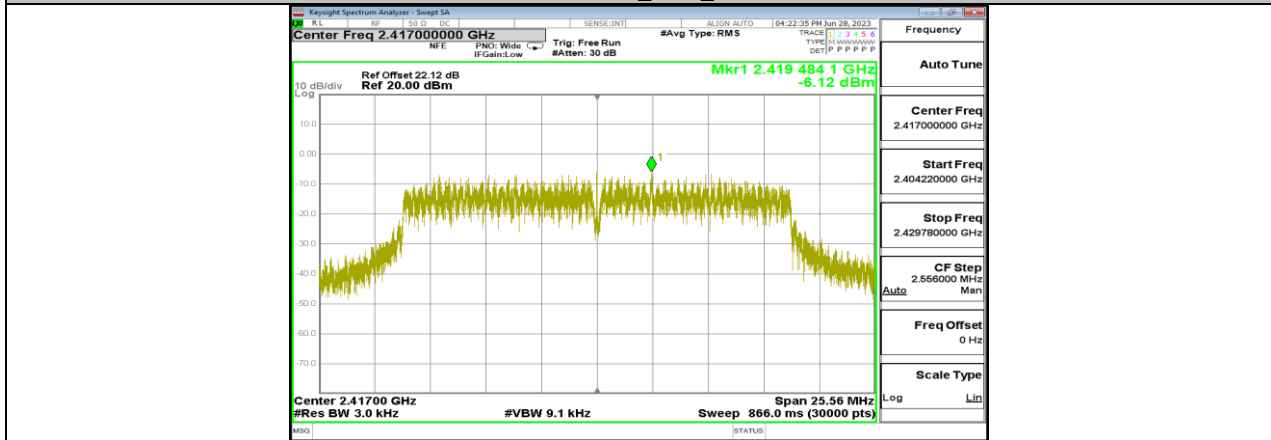
11G_Ant1_2457



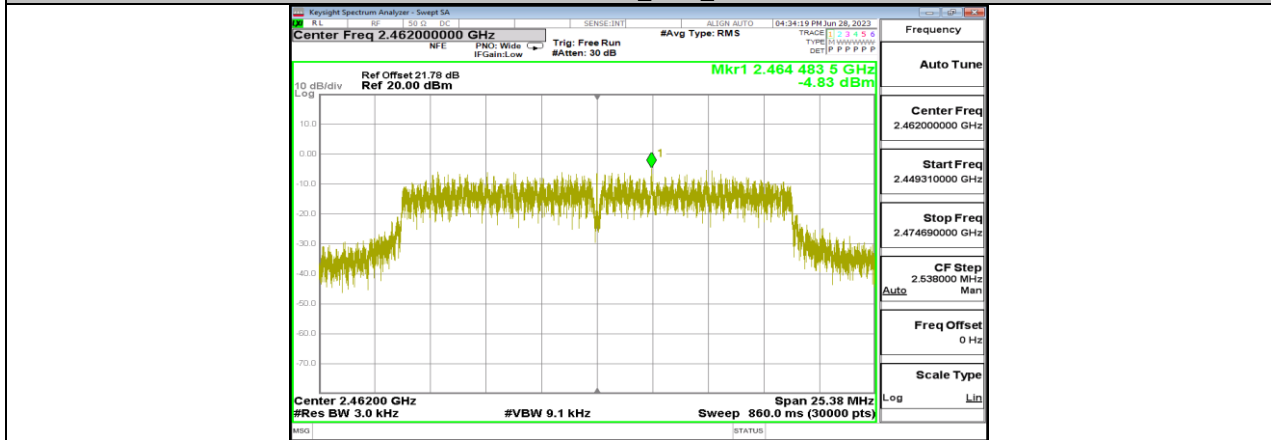
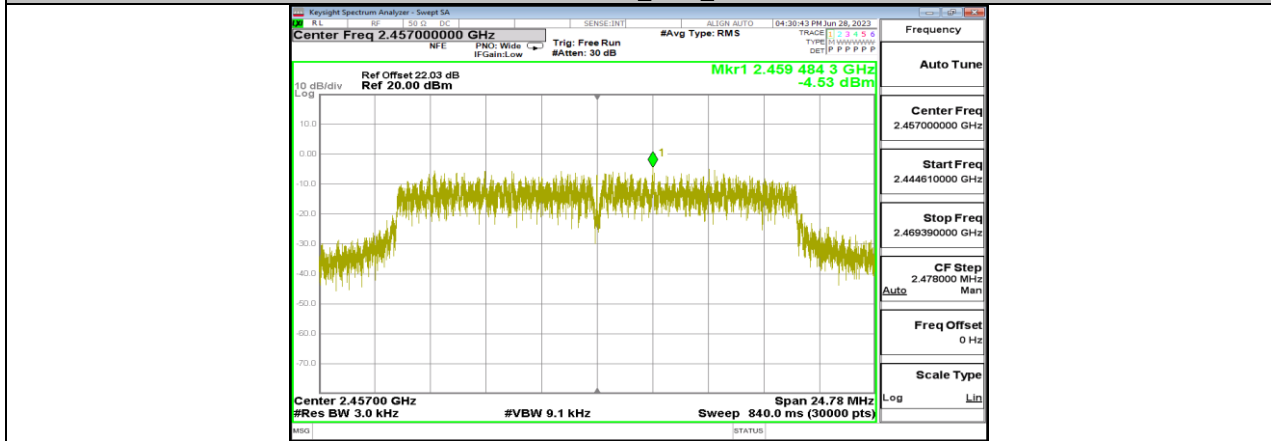
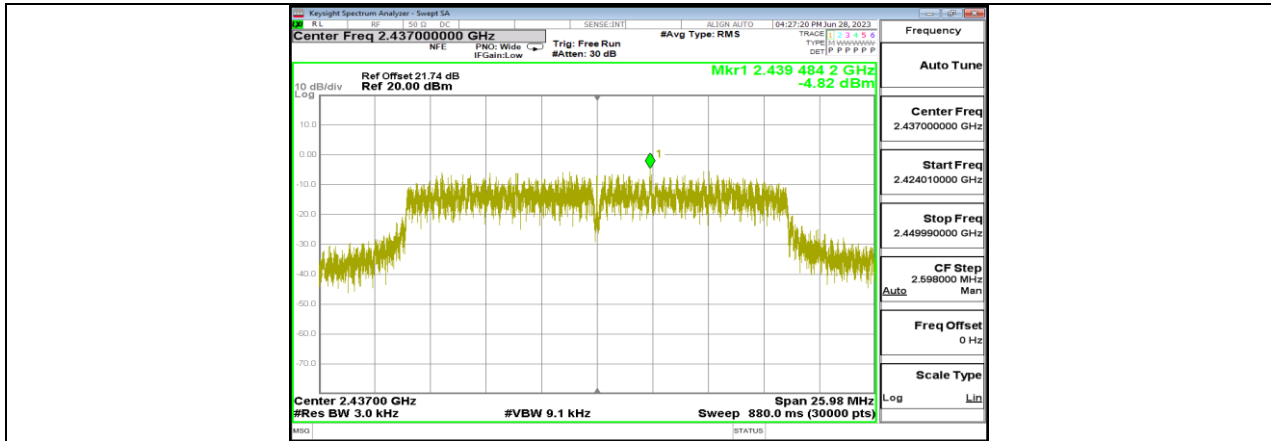
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2417

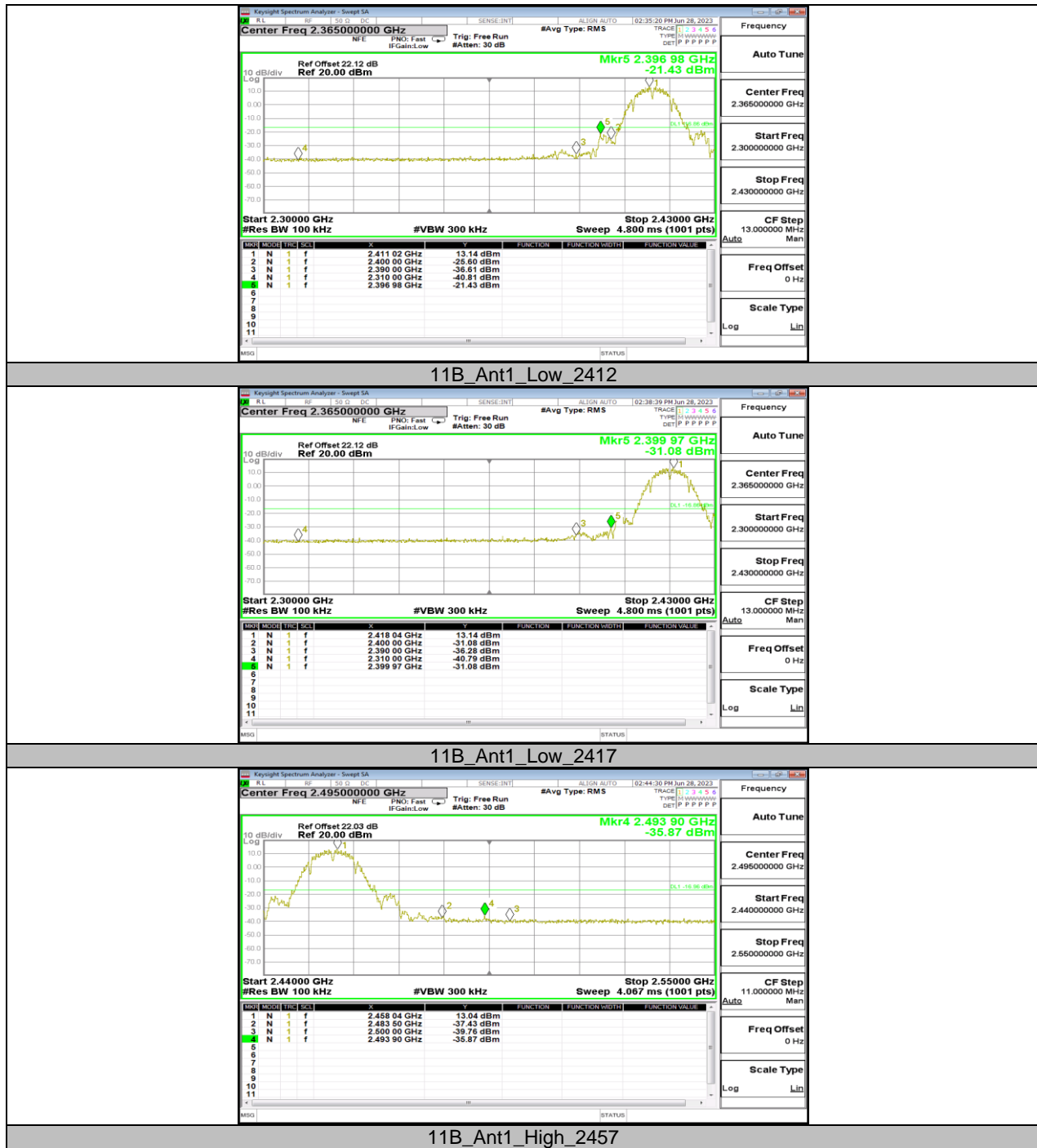


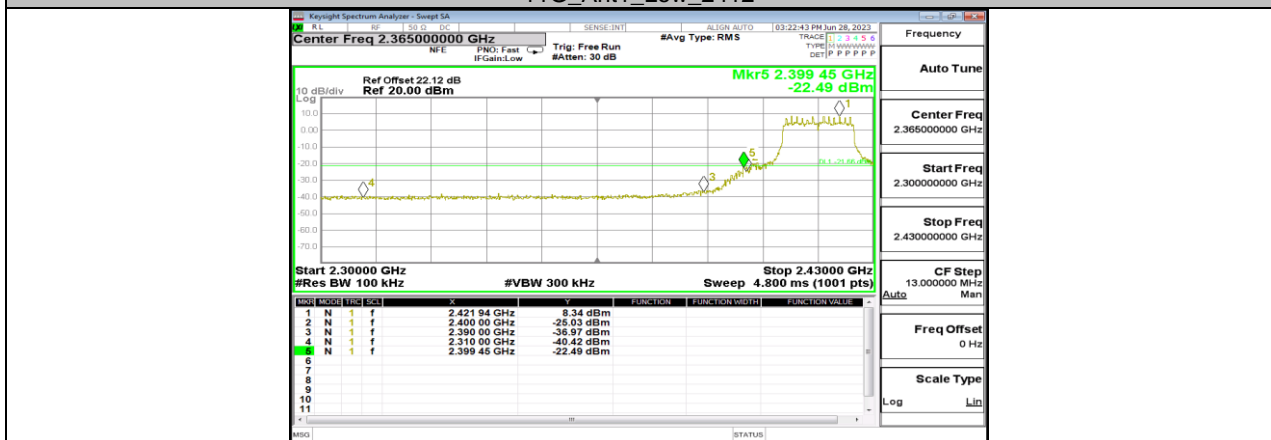
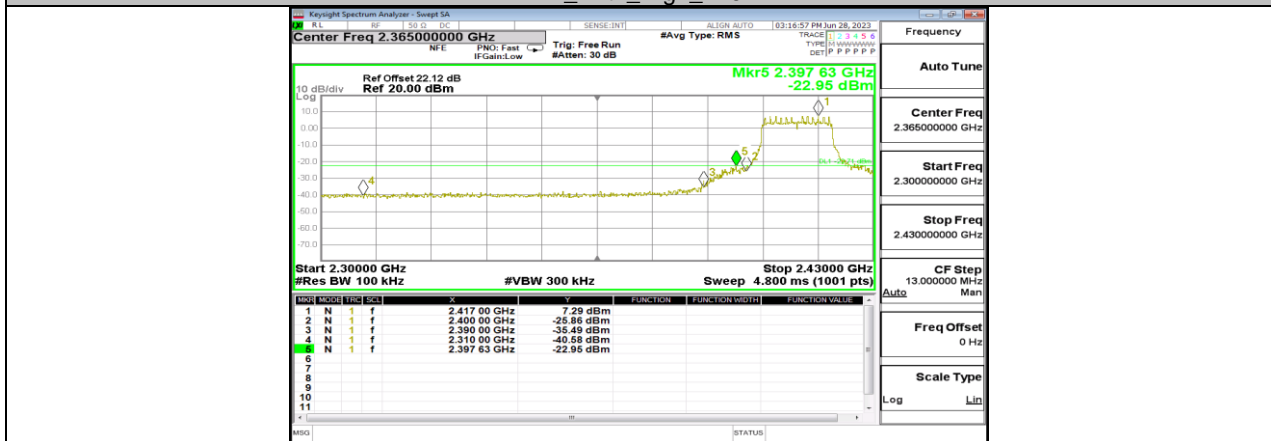
11.5. APPENDIX E: BAND EDGE MEASUREMENTS

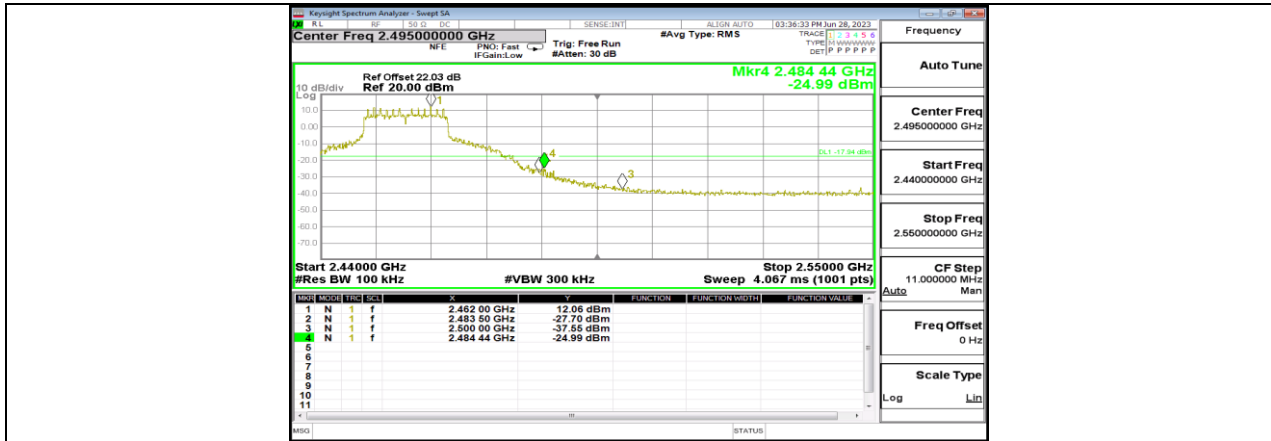
11.5.1. Test Result

Test Mode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	13.14	-21.43	≤-16.86	PASS
			2417	13.15	-31.08	≤-16.86	PASS
		High	2457	13.04	-35.87	≤-16.96	PASS
			2462	12.64	-36.21	≤-17.36	PASS
11G	Ant1	Low	2412	7.29	-22.95	≤-22.71	PASS
			2417	8.34	-22.5	≤-21.66	PASS
		High	2457	12.06	-24.99	≤-17.94	PASS
			2462	11.54	-21.1	≤-18.46	PASS
11N20SISO	Ant1	Low	2412	6.36	-25.01	≤-23.64	PASS
			2417	8.37	-22.11	≤-21.64	PASS
		High	2457	10.31	-27.23	≤-19.69	PASS
			2462	10.02	-21.11	≤-19.98	PASS

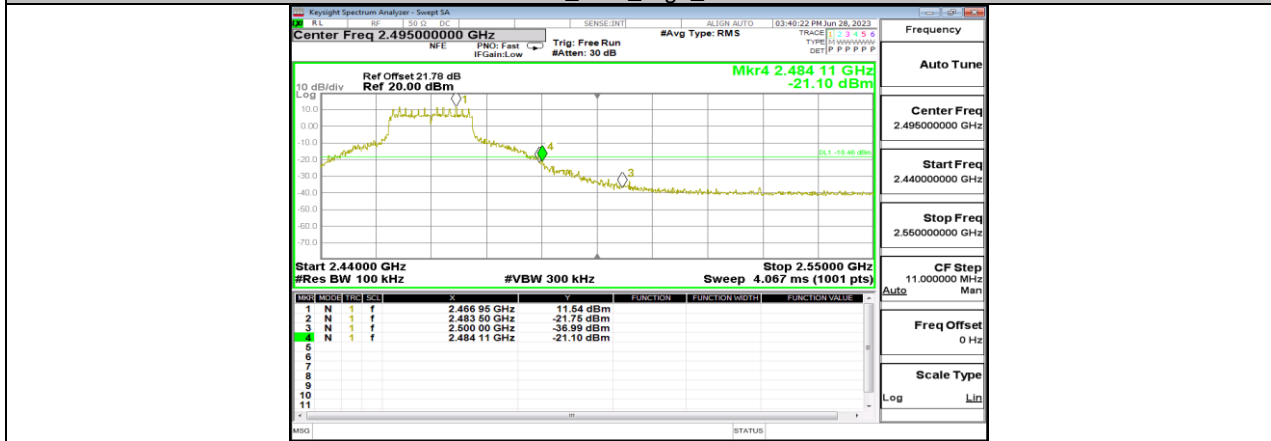
11.5.2. Test Graphs



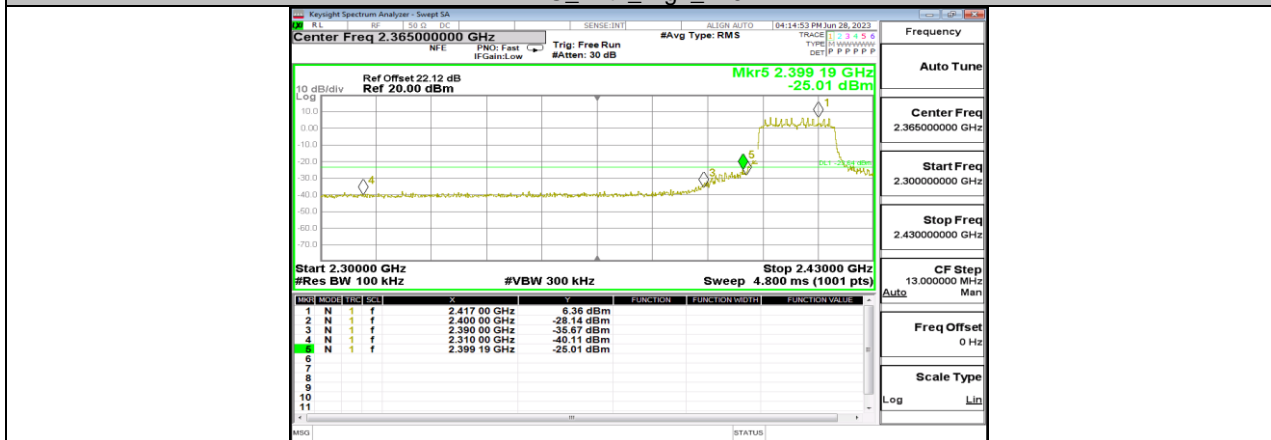




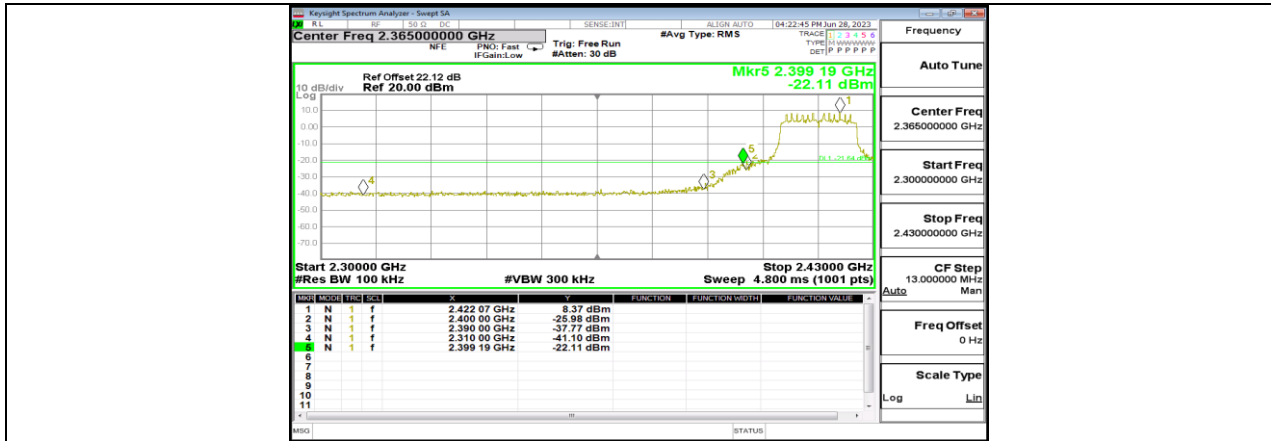
11G_Ant1_High_2457



11G_Ant1_High_2462



11N20SISO_Ant1_Low_2412

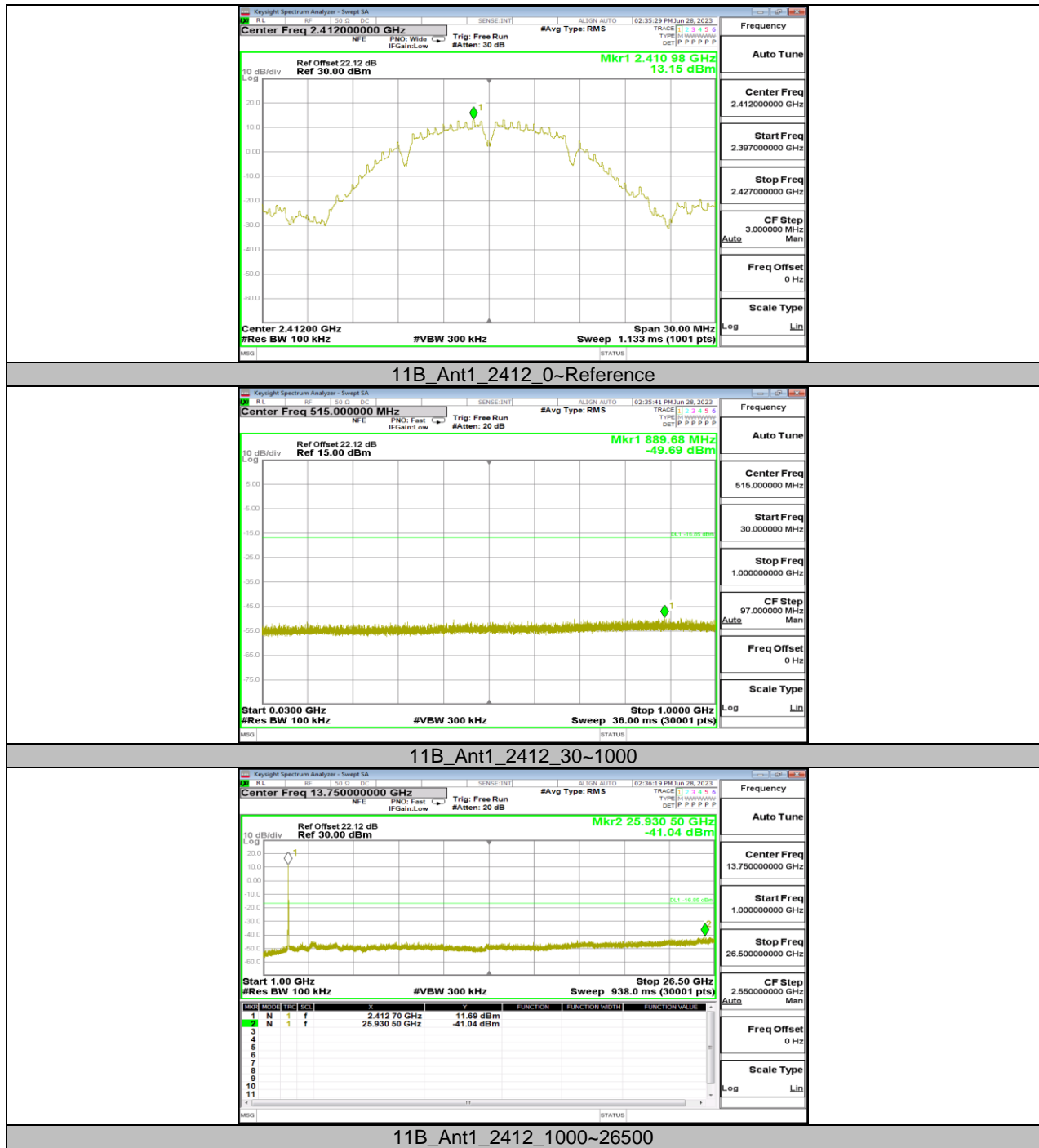


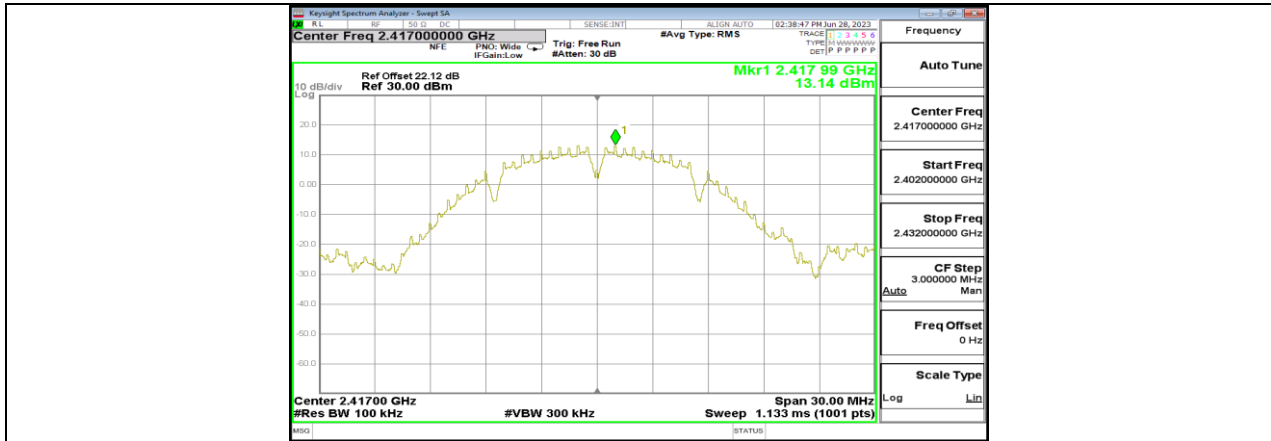
11.6. APPENDIX F: CONDUCTED SPURIOUS EMISSION

11.6.1. Test Result

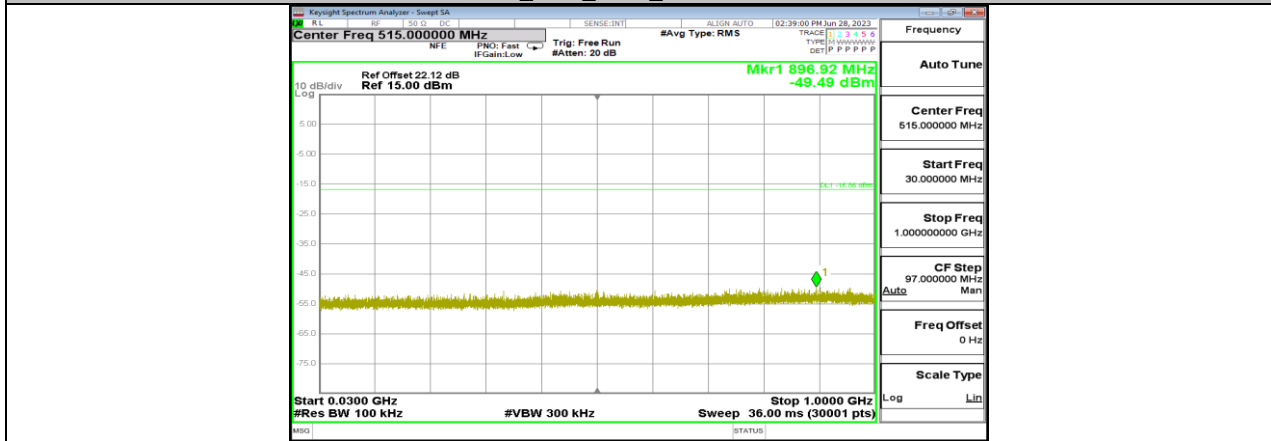
Test Mode	Antenna	Frequency[MHz]	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	13.15	---	PASS
			30~1000	-49.69	≤-16.85	PASS
			1000~26500	-41.04	≤-16.85	PASS
		2417	Reference	13.14	---	PASS
			30~1000	-49.49	≤-16.86	PASS
			1000~26500	-41.89	≤-16.86	PASS
		2437	Reference	12.86	---	PASS
			30~1000	-49.21	≤-17.14	PASS
			1000~26500	-41.64	≤-17.14	PASS
		2457	Reference	13.06	---	PASS
			30~1000	-49.28	≤-16.94	PASS
			1000~26500	-41.03	≤-16.94	PASS
		2462	Reference	12.82	---	PASS
			30~1000	-49.65	≤-17.18	PASS
			1000~26500	-42	≤-17.18	PASS
11G	Ant1	2412	Reference	7.13	---	PASS
			30~1000	-49.57	≤-22.87	PASS
			1000~26500	-41.32	≤-22.87	PASS
		2417	Reference	8.26	---	PASS
			30~1000	-49.35	≤-21.74	PASS
			1000~26500	-41.74	≤-21.74	PASS
		2437	Reference	11.66	---	PASS
			30~1000	-49.44	≤-18.34	PASS
			1000~26500	-41.75	≤-18.34	PASS
		2457	Reference	12.10	---	PASS
			30~1000	-49.4	≤-17.9	PASS
			1000~26500	-41.77	≤-17.9	PASS
		2462	Reference	11.75	---	PASS
			30~1000	-49.57	≤-18.25	PASS
			1000~26500	-41.79	≤-18.25	PASS
11N20SISO	Ant1	2412	Reference	6.37	---	PASS
			30~1000	-49.47	≤-23.63	PASS
			1000~26500	-41.23	≤-23.63	PASS
		2417	Reference	8.37	---	PASS
			30~1000	-48.82	≤-21.63	PASS
			1000~26500	-41.14	≤-21.63	PASS
		2437	Reference	9.76	---	PASS
			30~1000	-49.82	≤-20.24	PASS
			1000~26500	-42.33	≤-20.24	PASS
		2457	Reference	10.33	---	PASS
			30~1000	-49.81	≤-19.67	PASS
			1000~26500	-41.37	≤-19.67	PASS
		2462	Reference	10.00	---	PASS
			30~1000	-49.95	≤-20	PASS
			1000~26500	-42.37	≤-20	PASS

11.6.2. Test Graphs

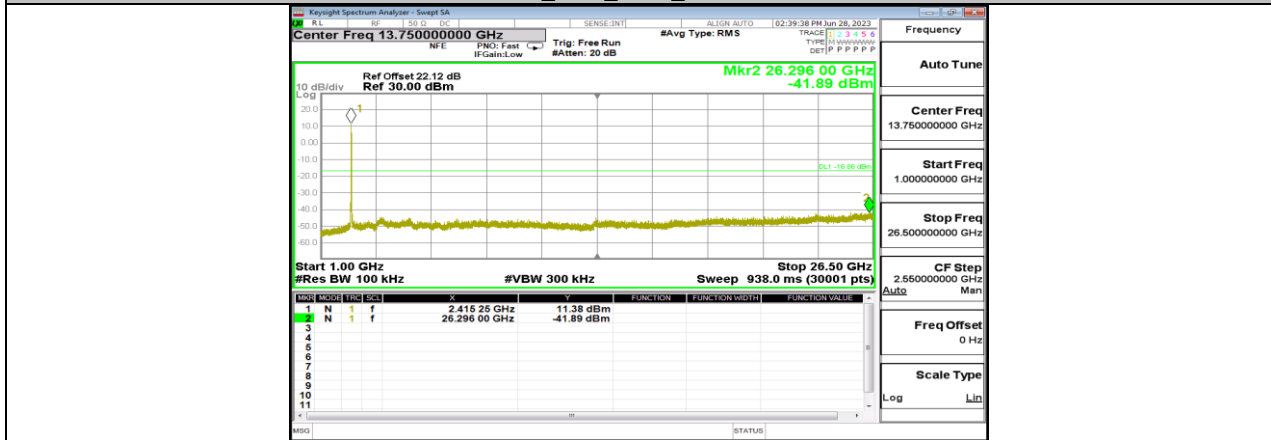




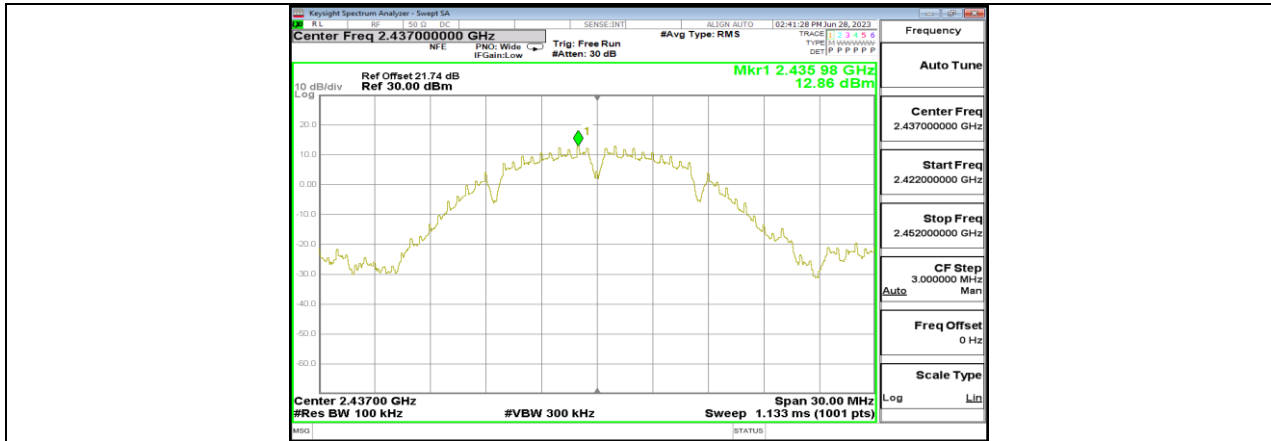
11B_Ant1_2417_0~Reference



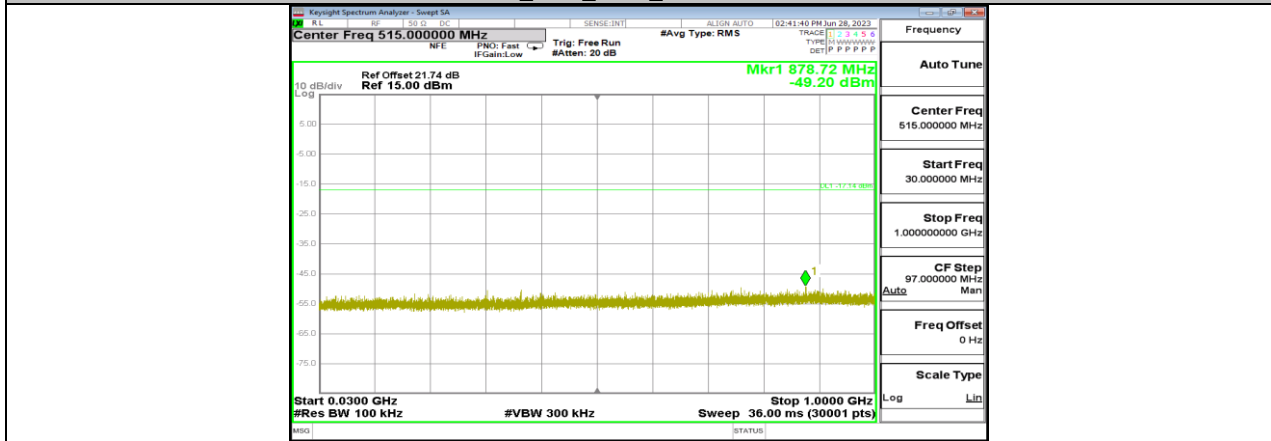
11B_Ant1_2417_30~1000



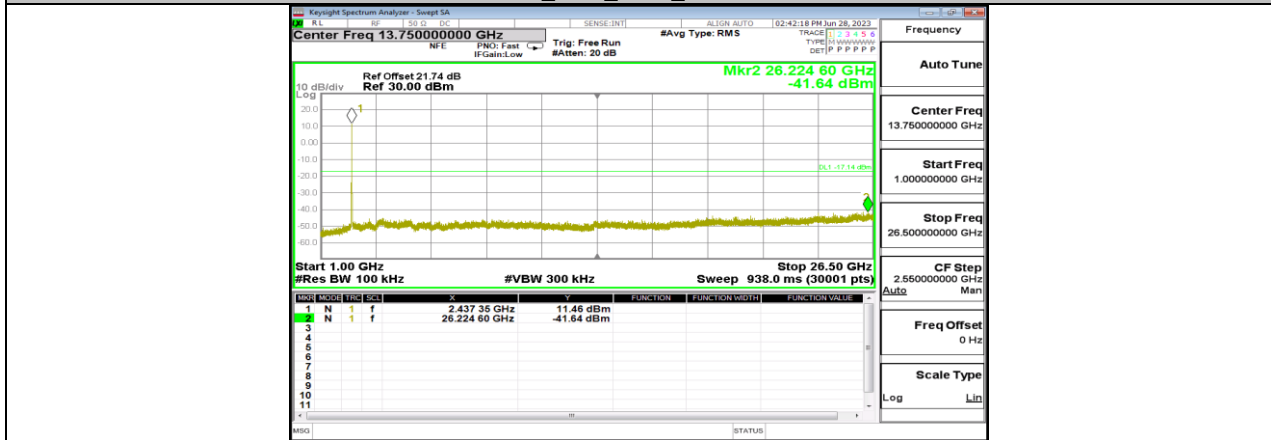
11B_Ant1_2417_1000~26500



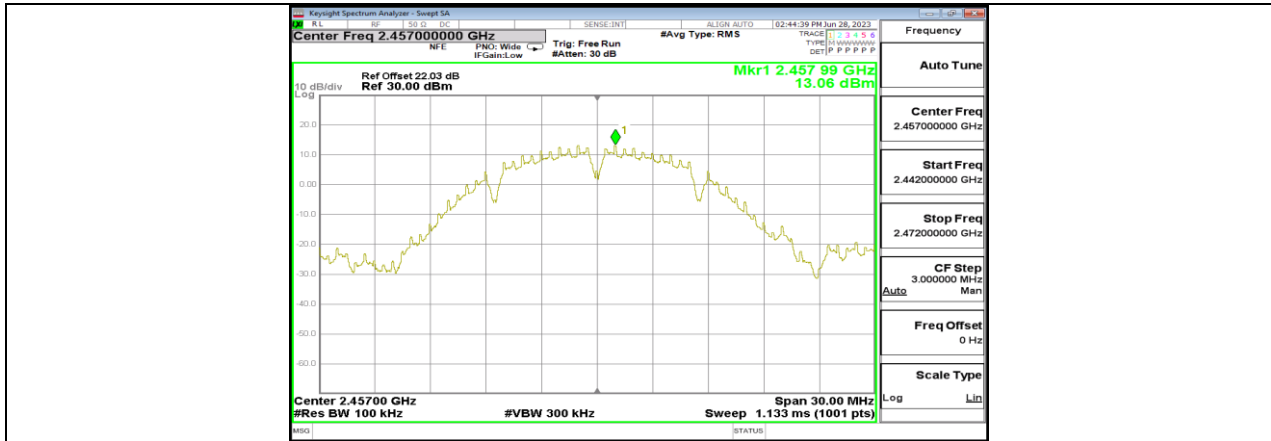
11B_Ant1_2437_0~Reference



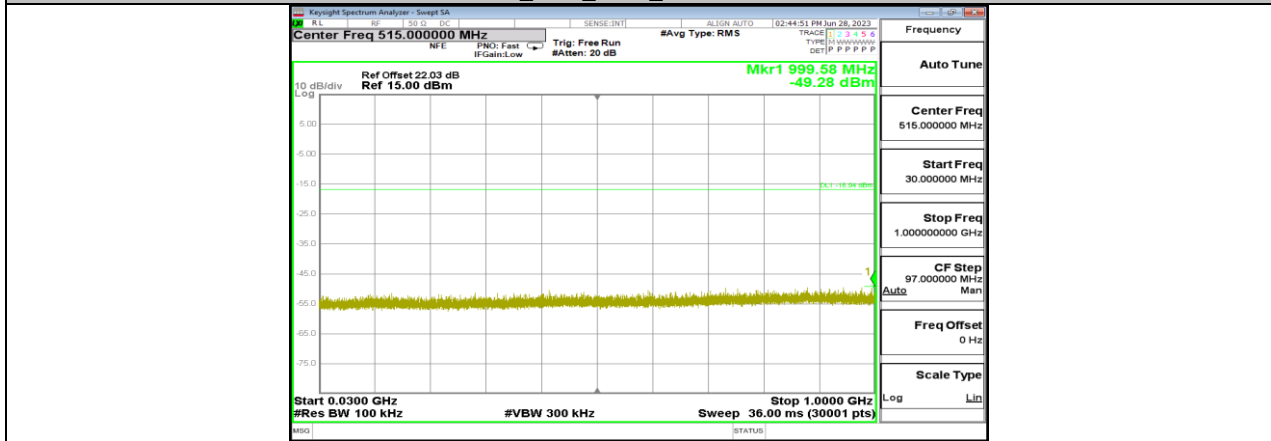
11B_Ant1_2437_30~1000



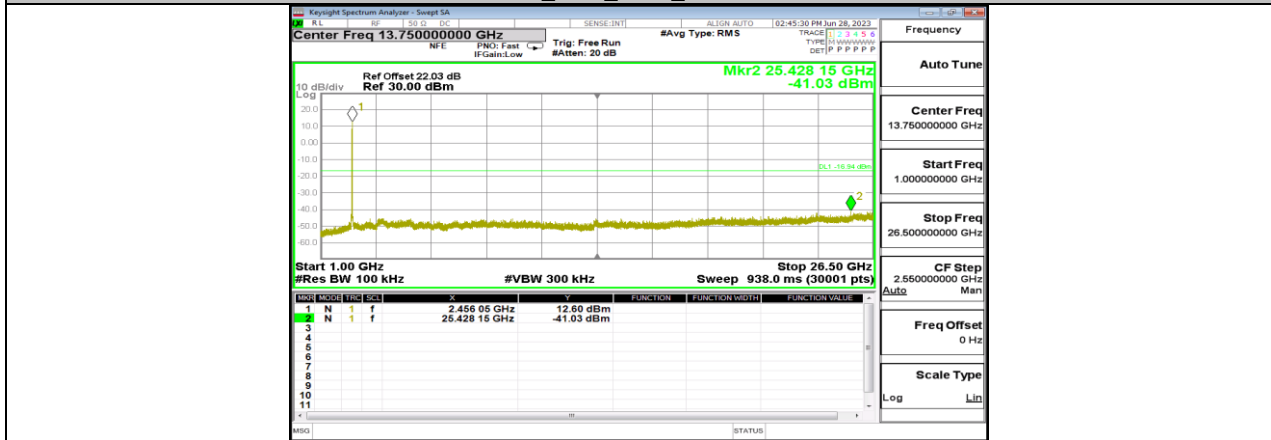
11B_Ant1_2437_1000~26500



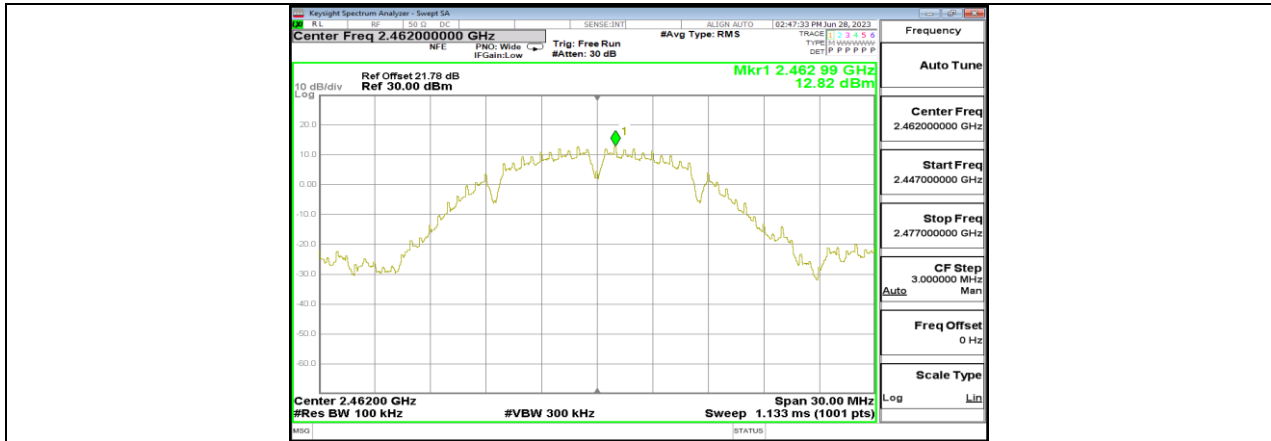
11B_Ant1_2457_0~Reference



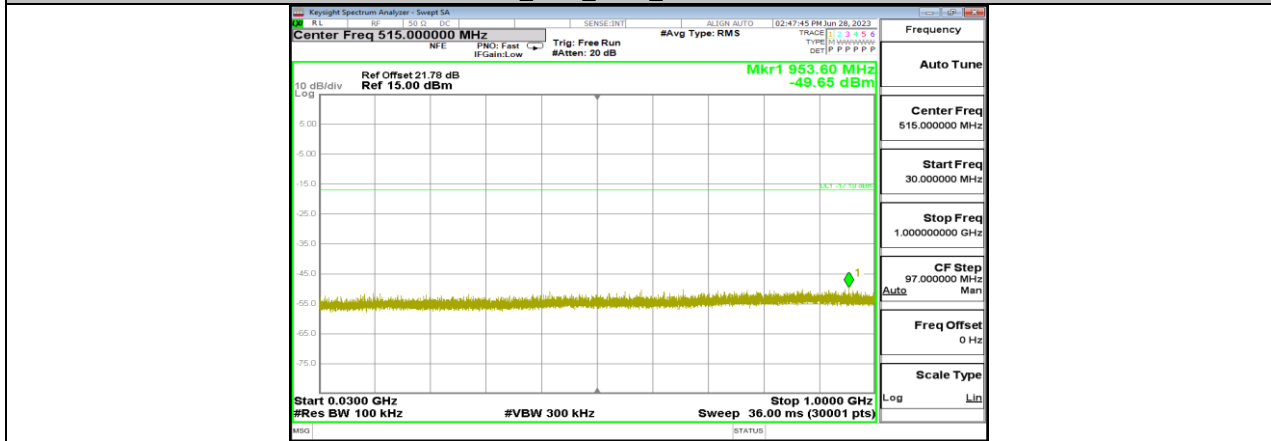
11B_Ant1_2457_30~1000



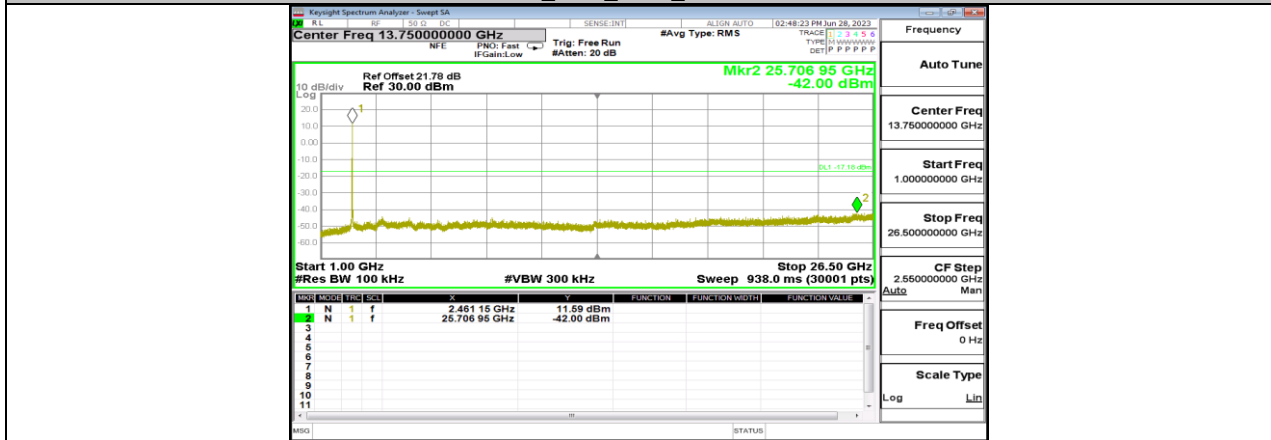
11B_Ant1_2457_1000~26500



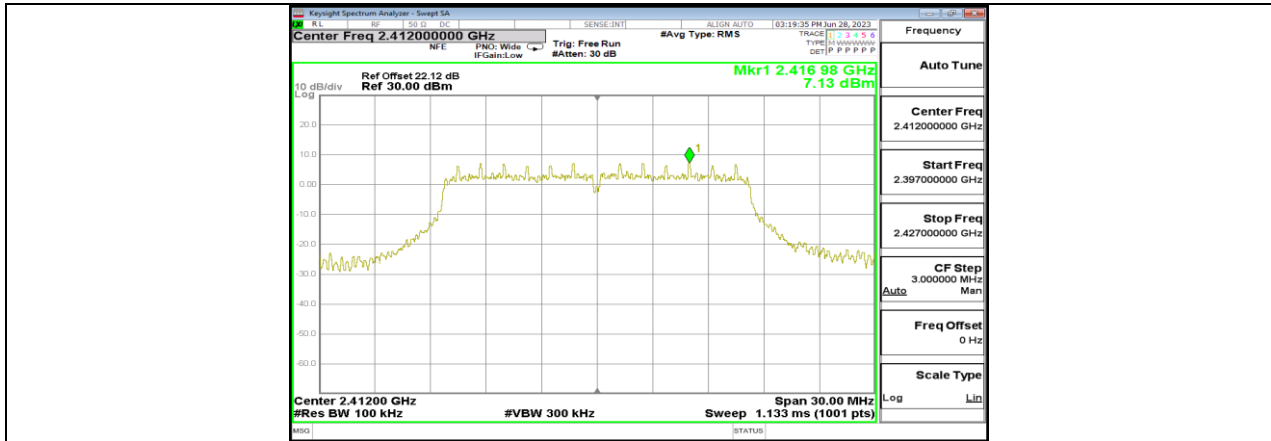
11B_Ant1_2462_0~Reference



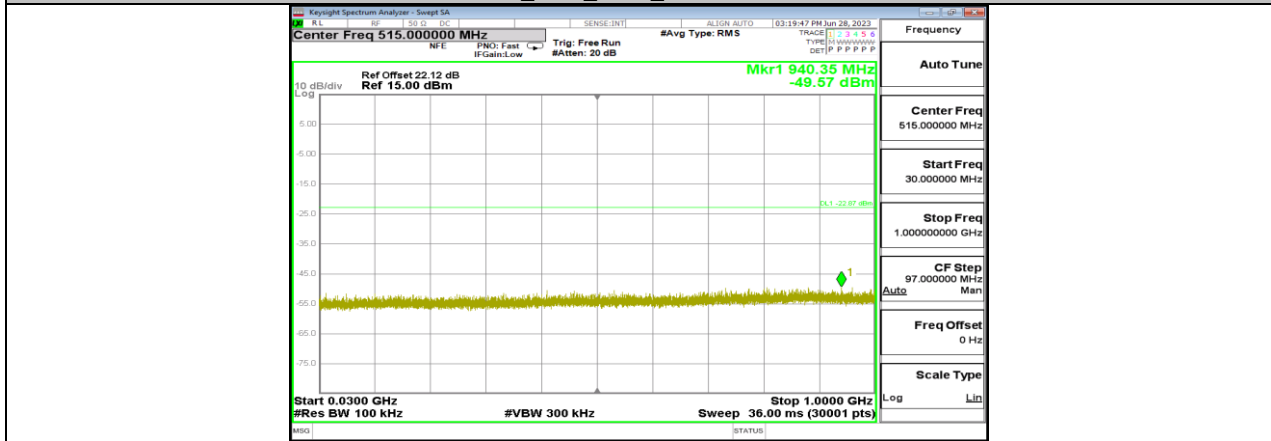
11B_Ant1_2462_30~1000



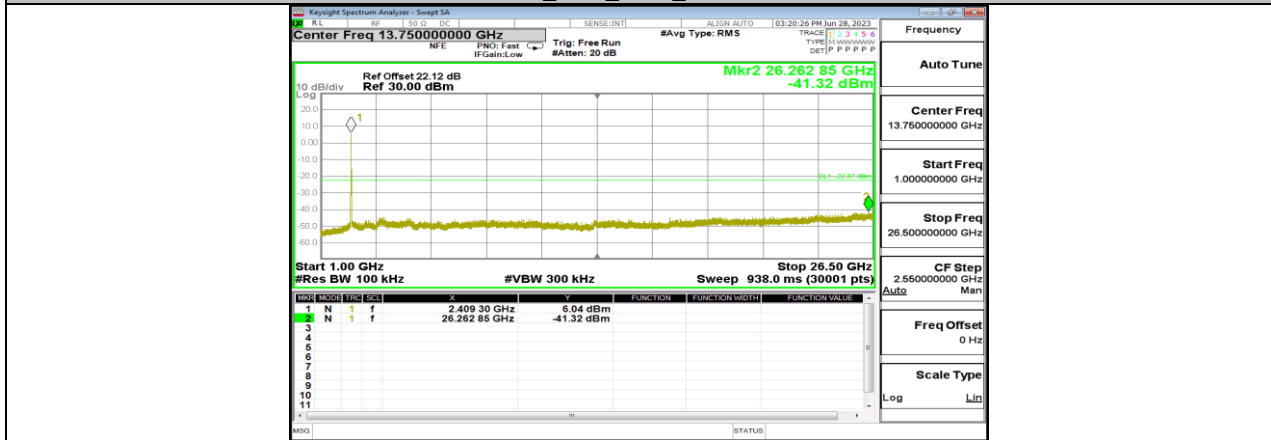
11B_Ant1_2462_1000~26500



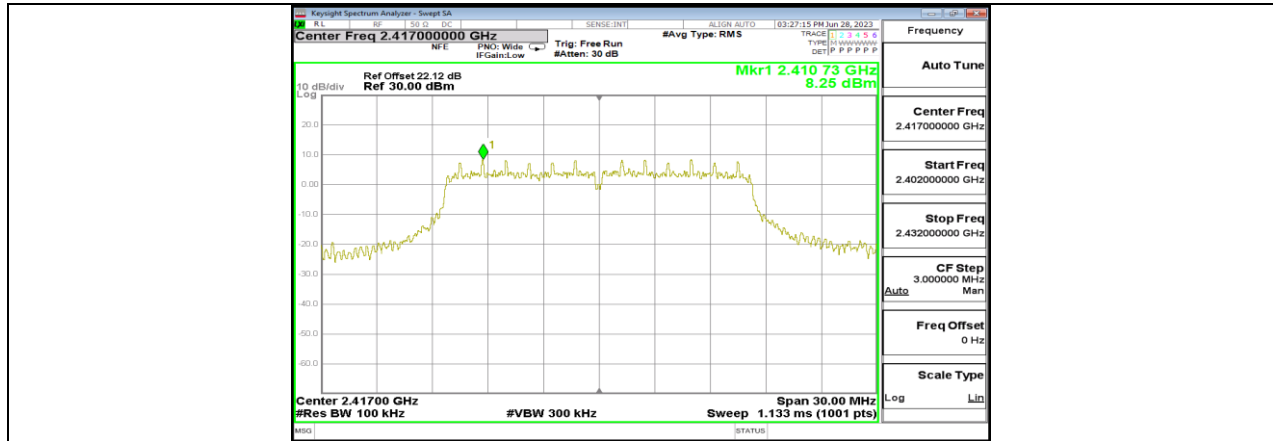
11G_Ant1_2412_0~Reference



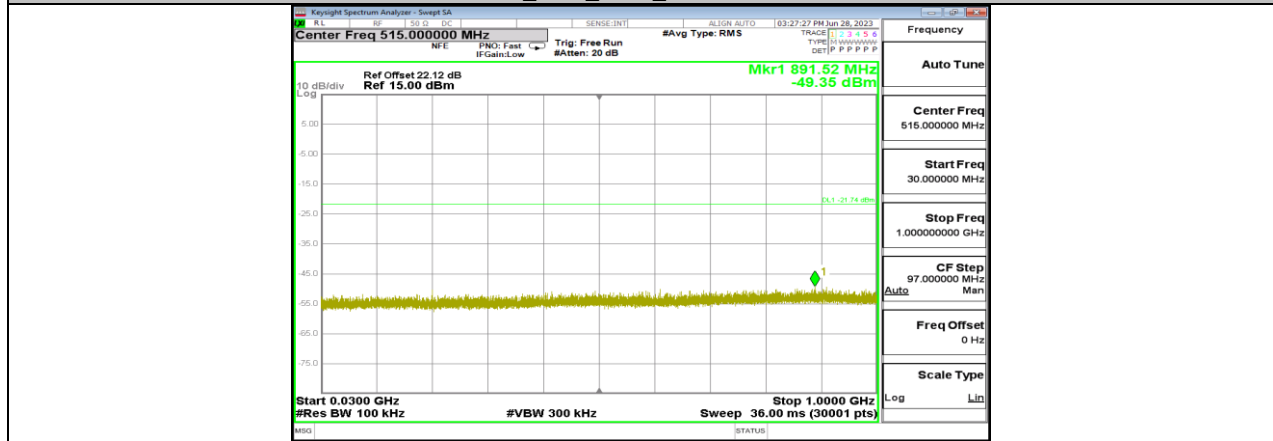
11G_Ant1_2412_30~1000



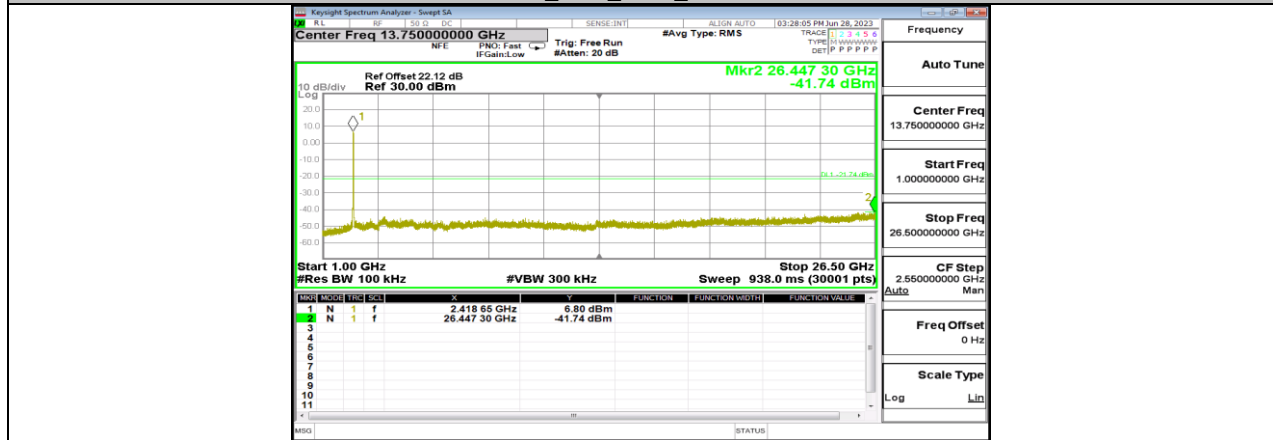
11G_Ant1_2412_1000~26500



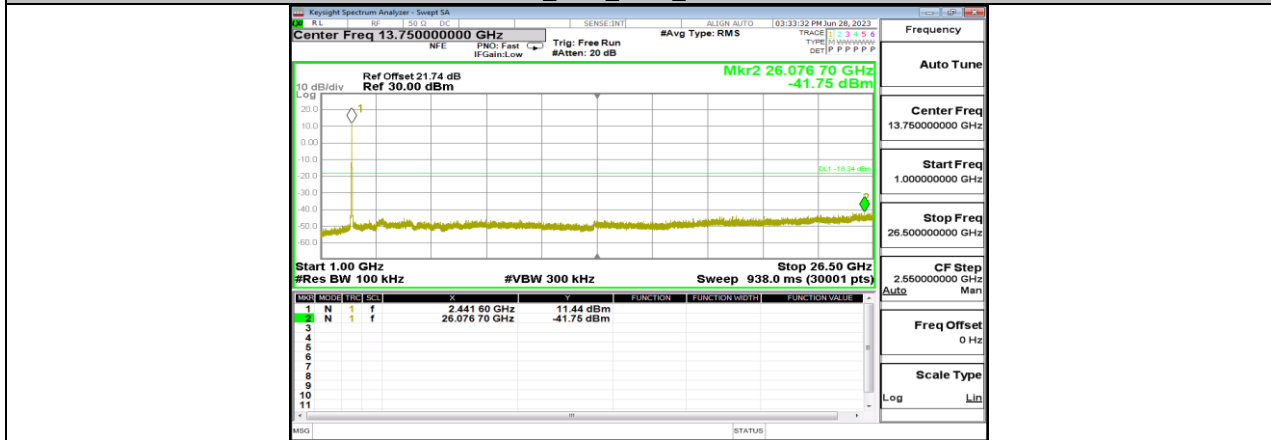
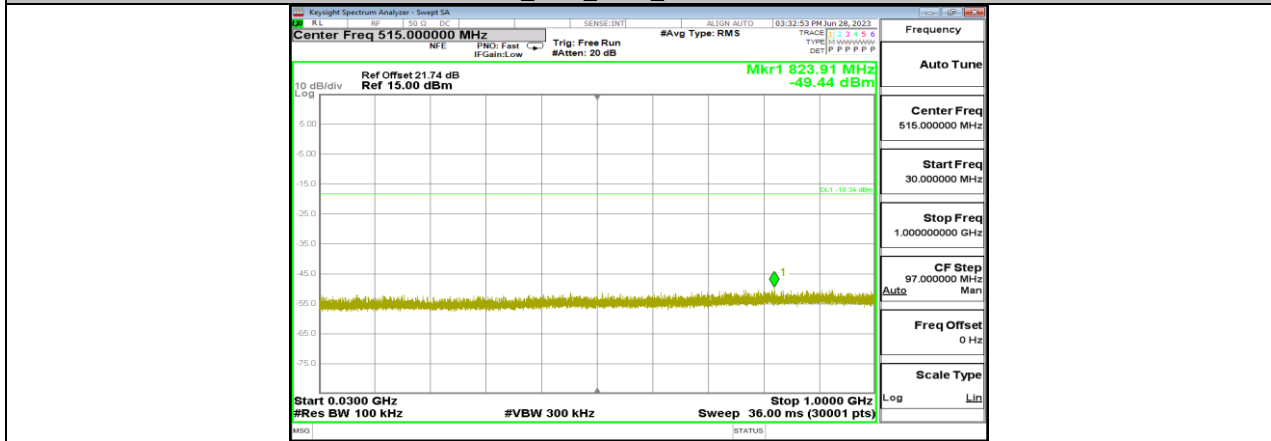
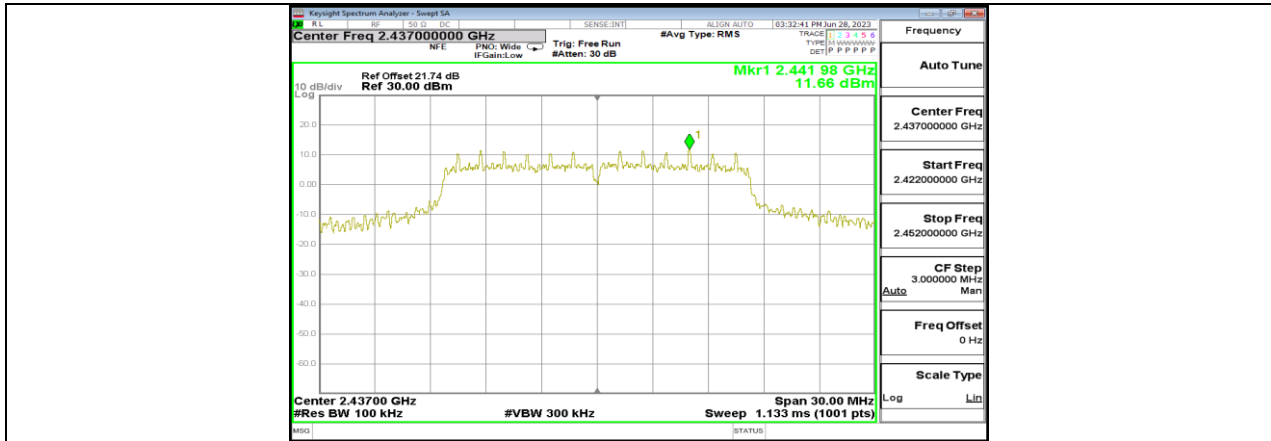
11G_Ant1_2417_0~Reference

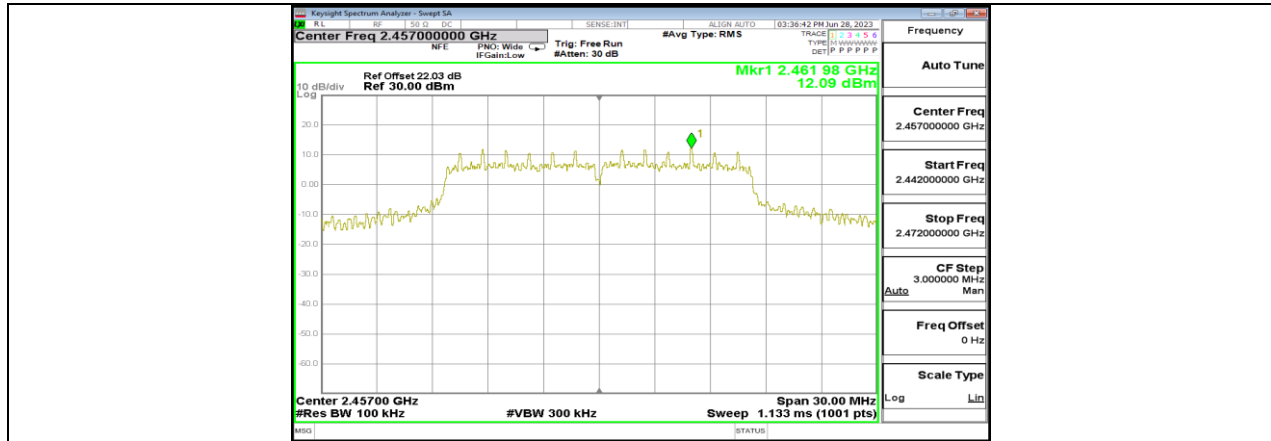


11G_Ant1_2417_30~1000

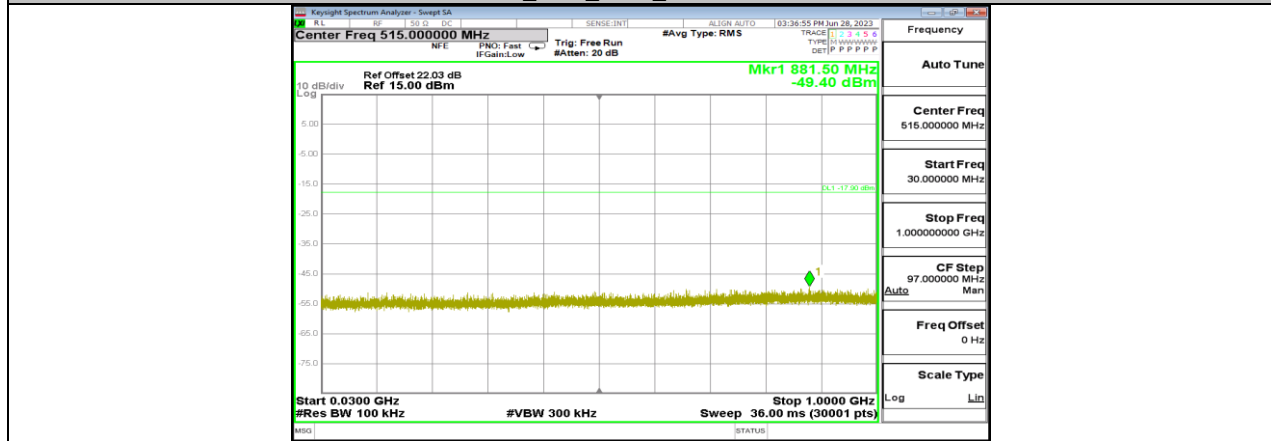


11G_Ant1_2417_1000~26500

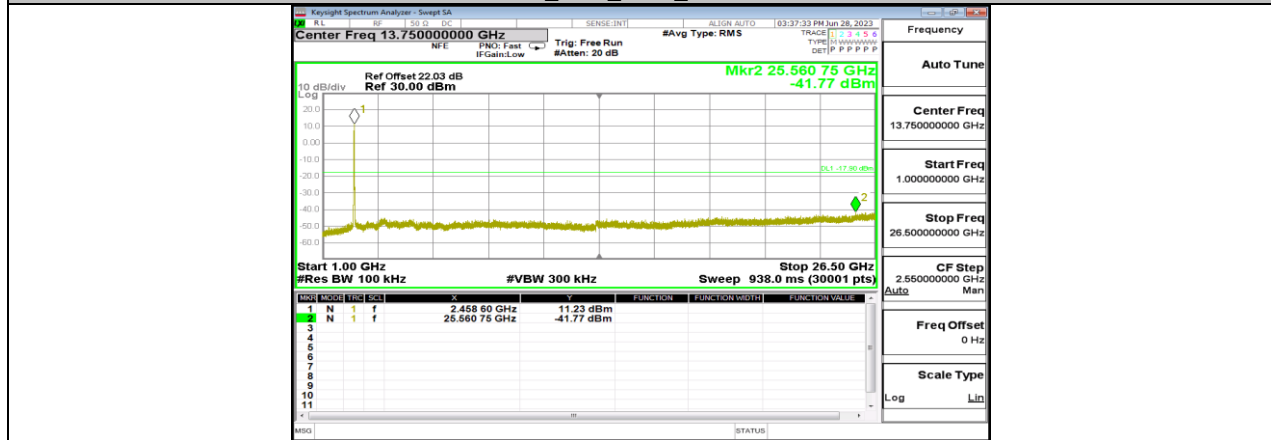




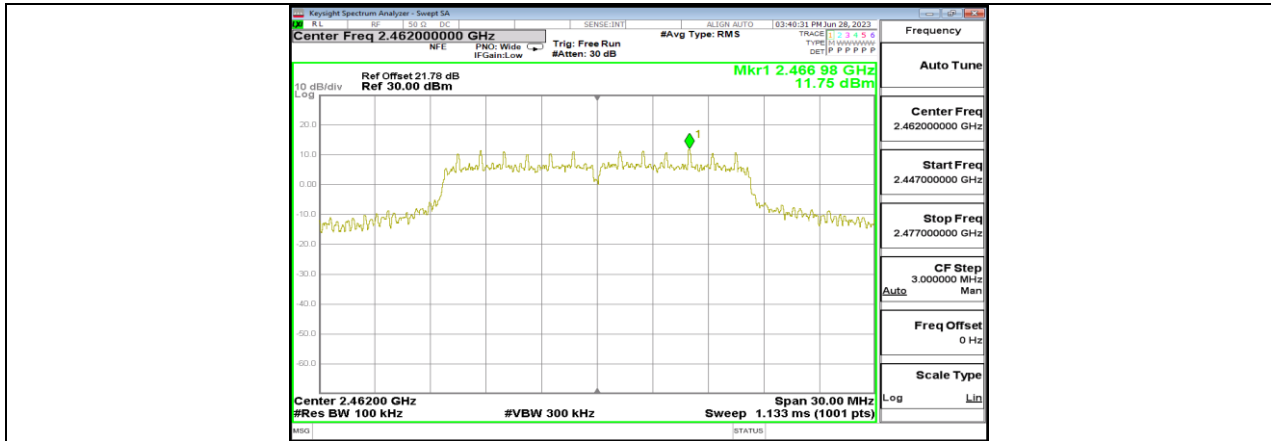
11G_Ant1_2457_0~Reference



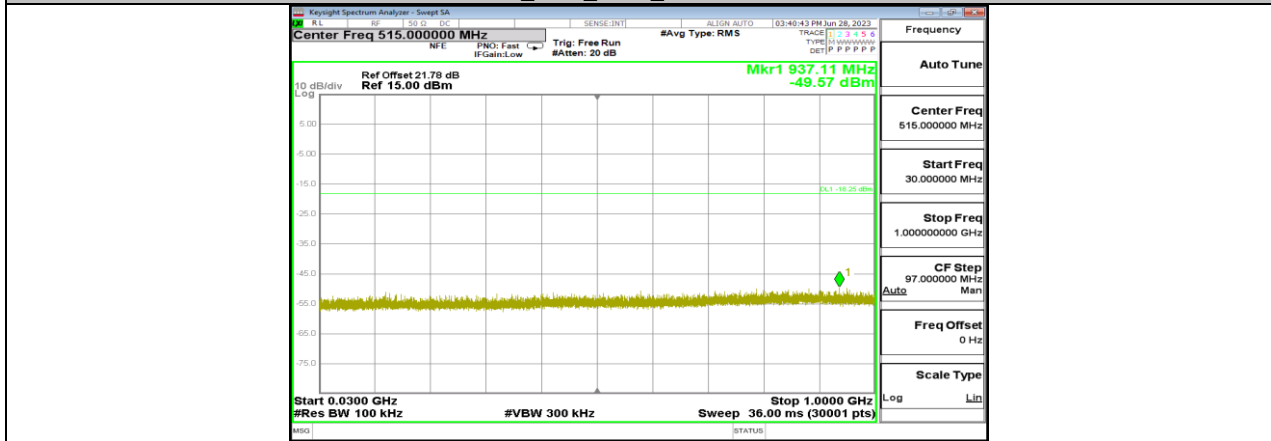
11G_Ant1_2457_30~1000



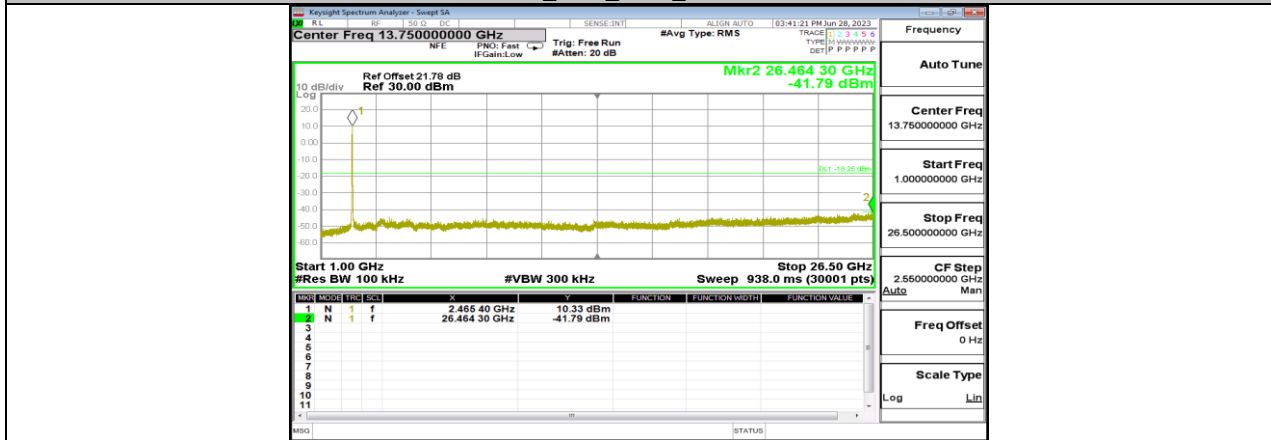
11G_Ant1_2457_1000~26500



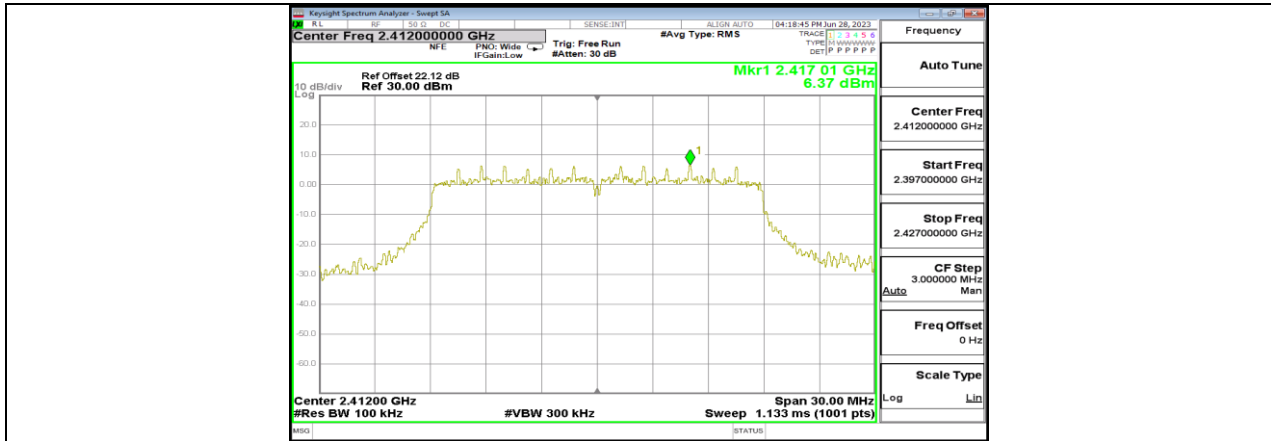
11G_Ant1_2462_0~Reference



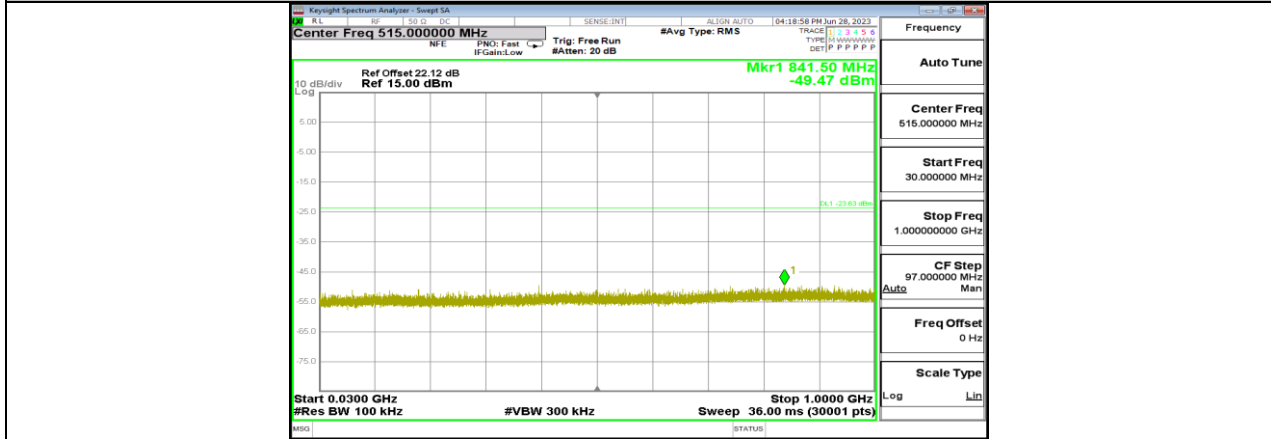
11G_Ant1_2462_30~1000



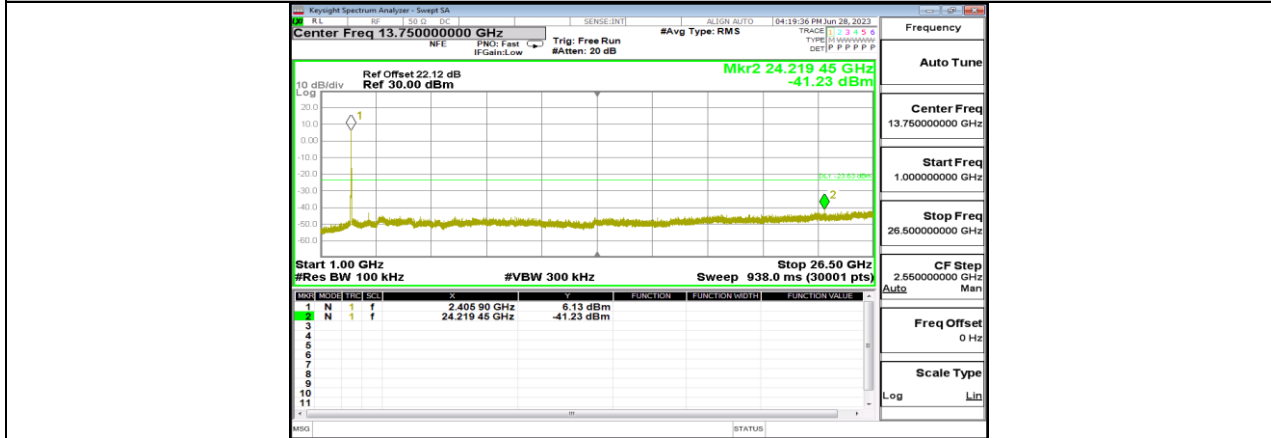
11G_Ant1_2462_1000~26500



11N20SISO_Ant1_2412_0~Reference



11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500