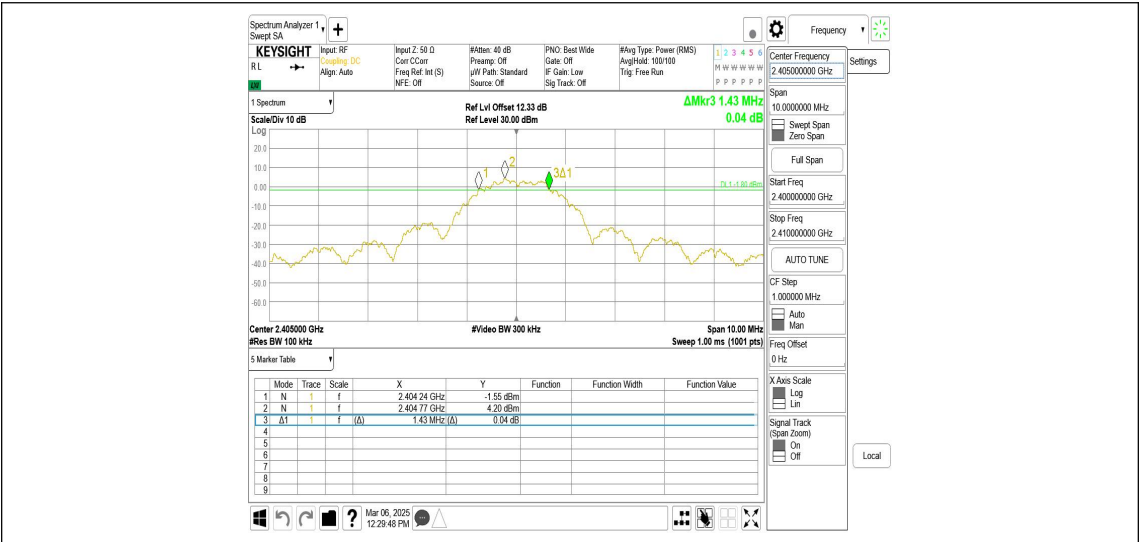


Appendix A: DTS Bandwidth

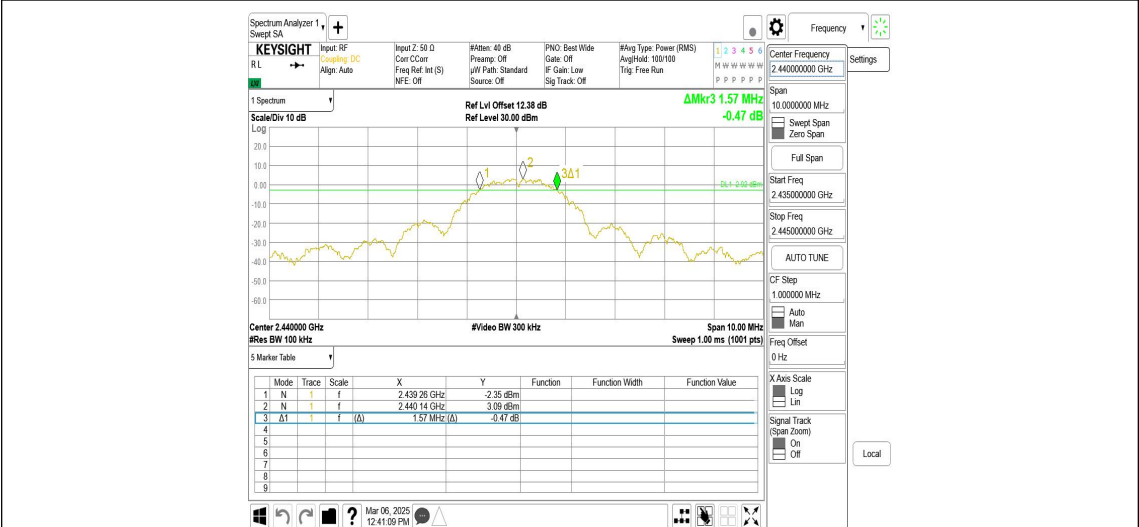
Test Result

TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	1.430	2404.240	2405.670	0.5	PASS
		2440	1.570	2439.260	2440.830	0.5	PASS
		2475	1.490	2474.320	2475.810	0.5	PASS

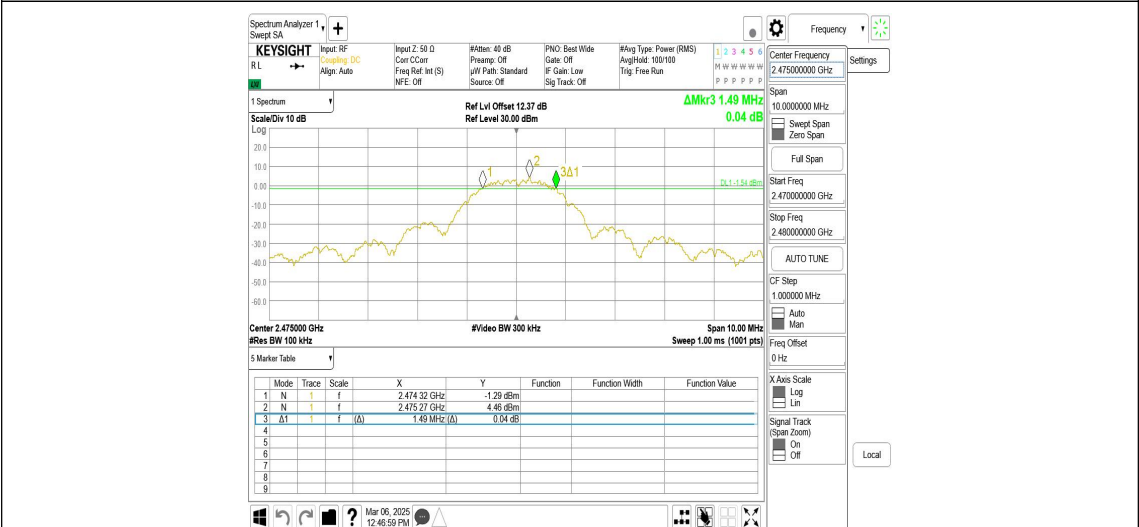
Test Graphs



802.15.4 Mesh Networking Radio_Ant1_2405



802.15.4 Mesh Networking Radio_Ant1_2440



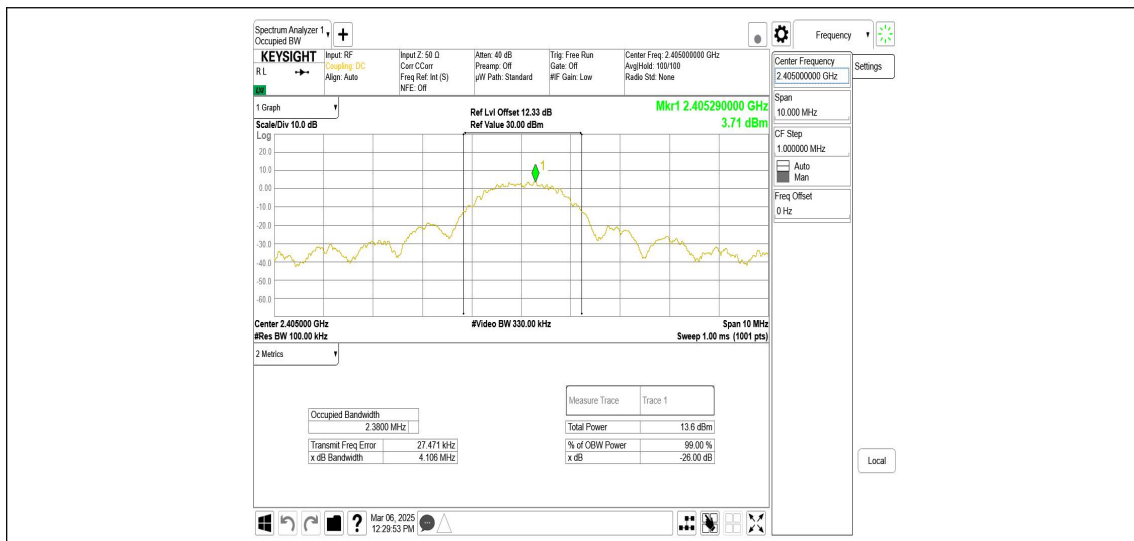
802.15.4 Mesh Networking Radio_Ant1_2475

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	2.3800	2403.8375	2406.2175	---	---
		2440	2.3977	2438.8322	2441.2299	---	---
		2475	2.4359	2473.8110	2476.2469	---	---

Test Graphs



802.15.4 Mesh Networking Radio_Ant1_2405



802.15.4 Mesh Networking Radio_Ant1_2440



802.15.4 Mesh Networking Radio_Ant1_2475

Appendix C: Maximum conducted output power

Test Result

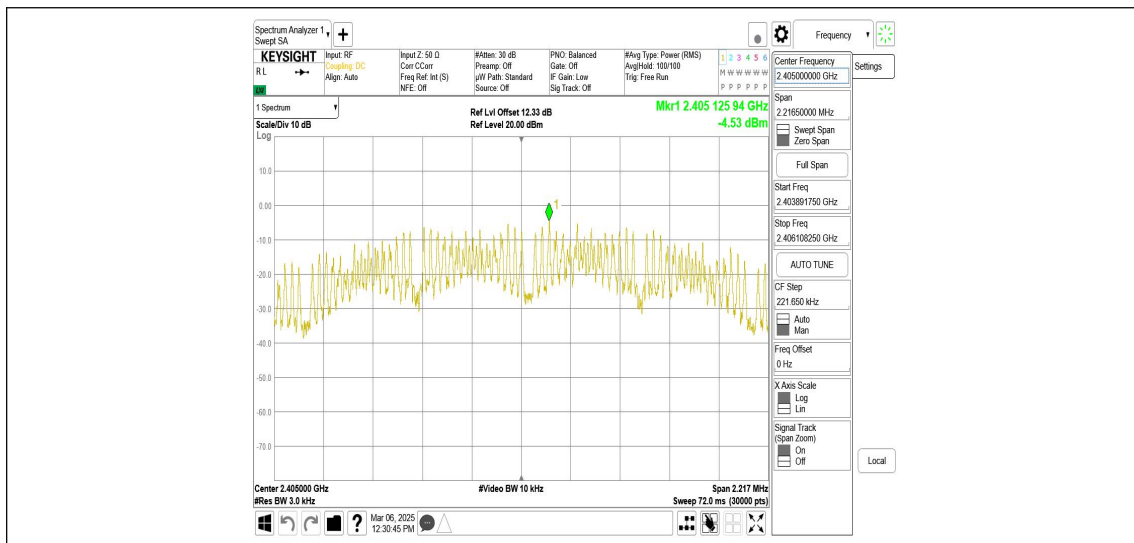
TestMode	Antenna	Freq(MHz)	Result[dBm]	Limit[dBm]	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	7.79	≤30	PASS
		2440	7.62	≤30	PASS
		2475	7.54	≤30	PASS

Appendix D: Maximum power spectral density

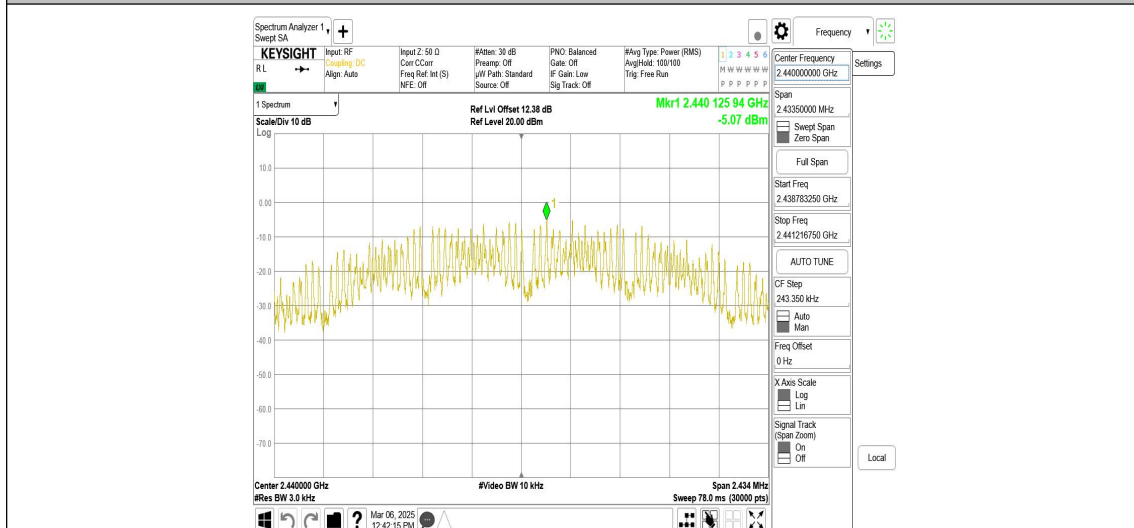
Test Result

TestMode	Antenna	Freq(MHz)	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	-4.53	≤8.00	PASS
		2440	-5.07	≤8.00	PASS
		2475	-4.79	≤8.00	PASS

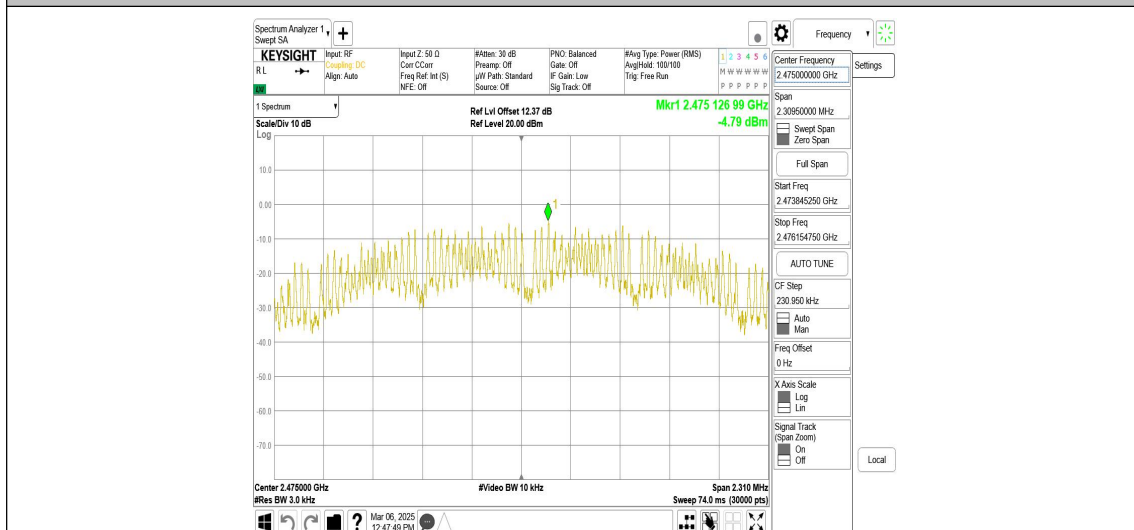
Test Graphs



802.15.4 Mesh Networking Radio_Ant1_2405



802.15.4 Mesh Networking Radio_Ant1_2440



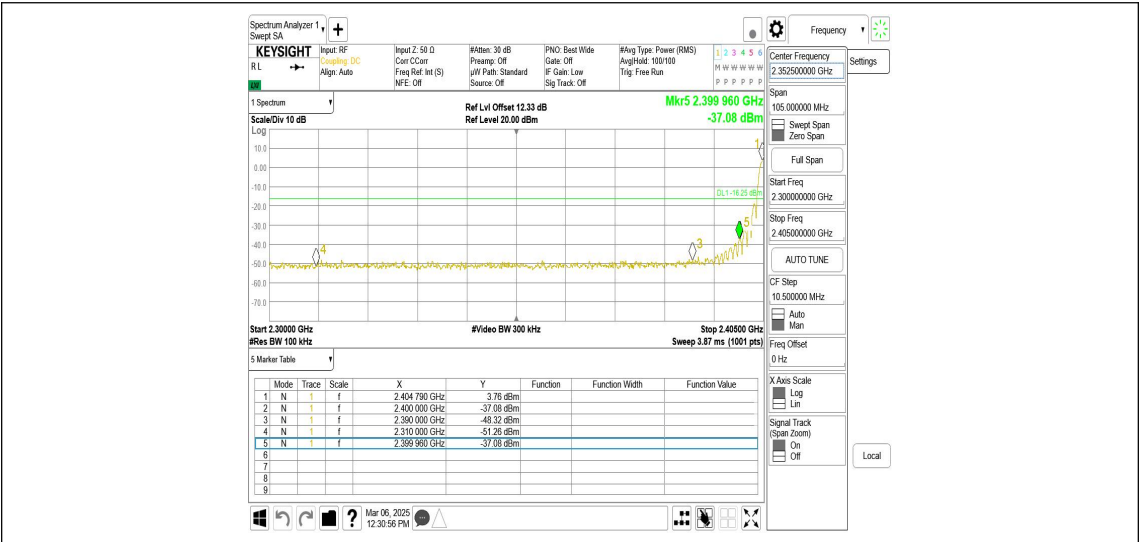
802.15.4 Mesh Networking Radio_Ant1_2475

Appendix E: Band edge measurements

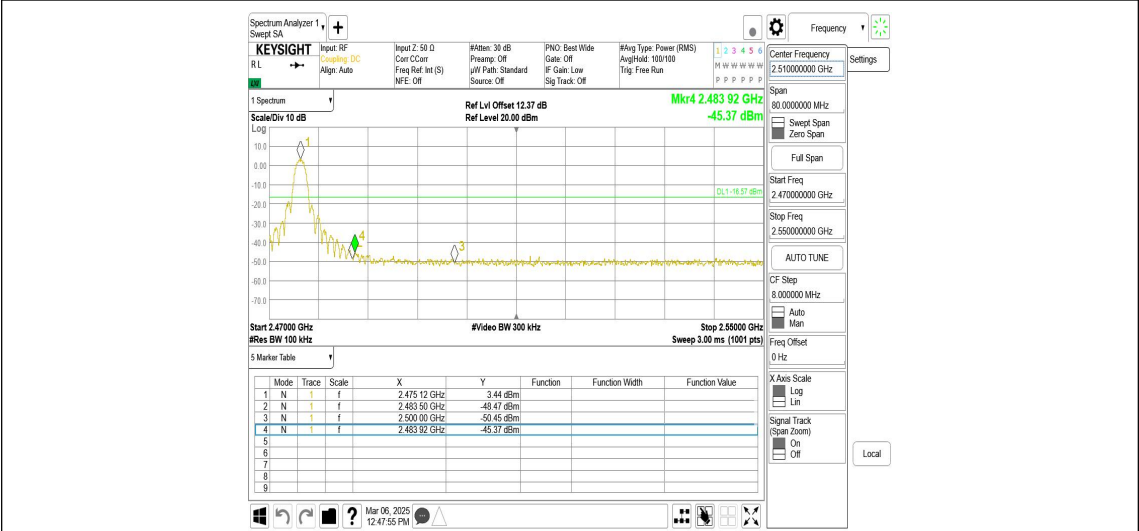
Test Result

TestMode	Antenna	ChName	Freq(MHz)	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
802.15.4 Mesh Networking Radio	Ant1	Low	2405	3.76	-37.08	≤-16.25	PASS
		High	2475	3.44	-45.37	≤-16.57	PASS

Test Graphs



802.15.4 Mesh Networking Radio_Ant1_Low_2405



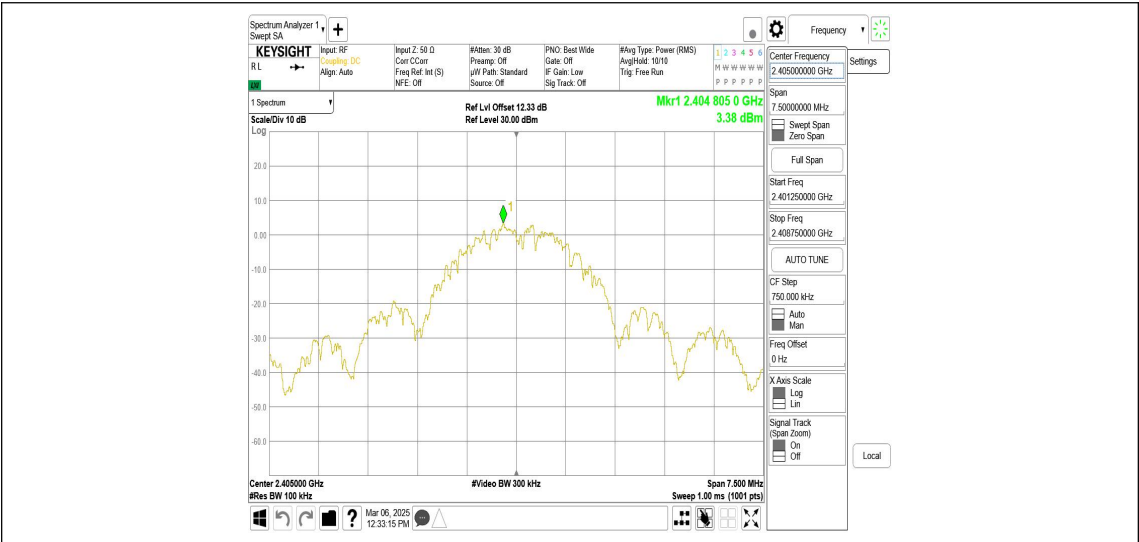
802.15.4 Mesh Networking Radio_Ant1_High_2475

Appendix F: Conducted Spurious Emission

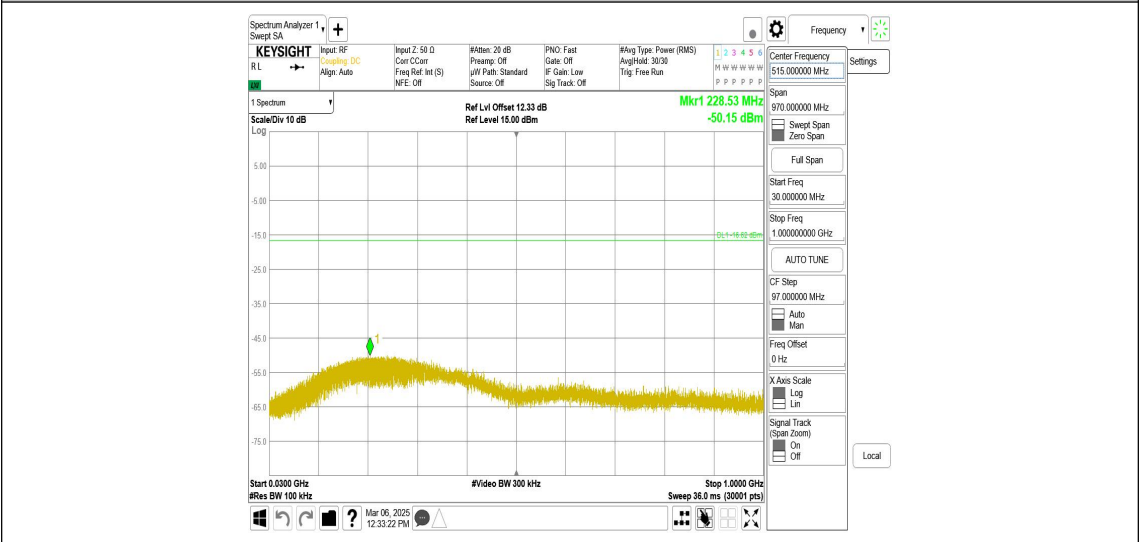
Test Result

TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	Reference	3.38	3.38	---	PASS
			30~1000	3.38	-50.15	≤-16.62	PASS
			1000~26500	3.38	-33.53	≤-16.62	PASS
		2440	Reference	3.06	3.06	---	PASS
			30~1000	3.06	-49.54	≤-16.94	PASS
			1000~26500	3.06	-32.45	≤-16.94	PASS
		2475	Reference	2.50	2.50	---	PASS
			30~1000	2.50	-49.68	≤-17.5	PASS
			1000~26500	2.50	-32.99	≤-17.5	PASS

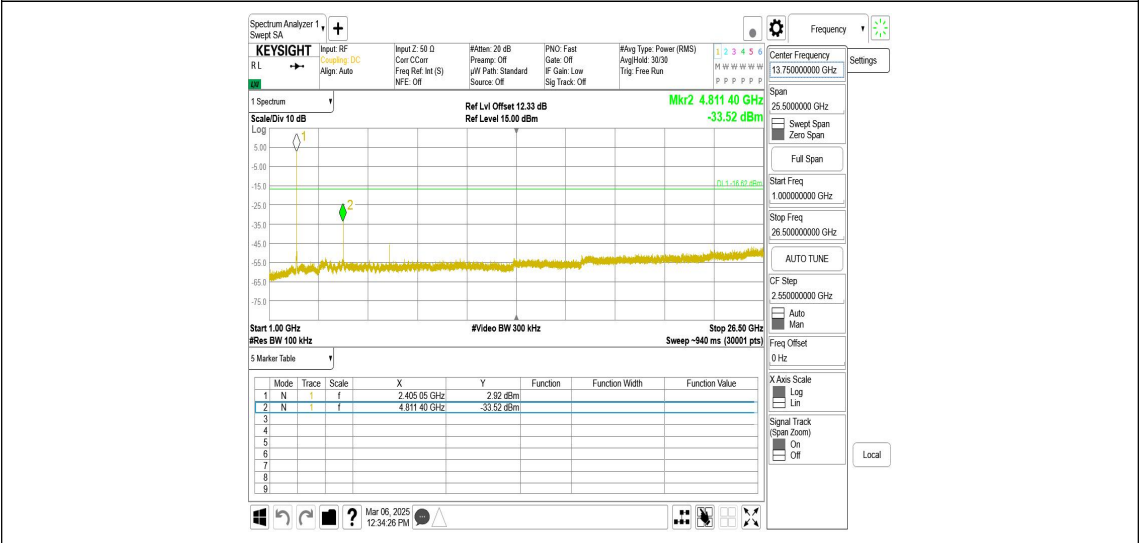
Test Graphs



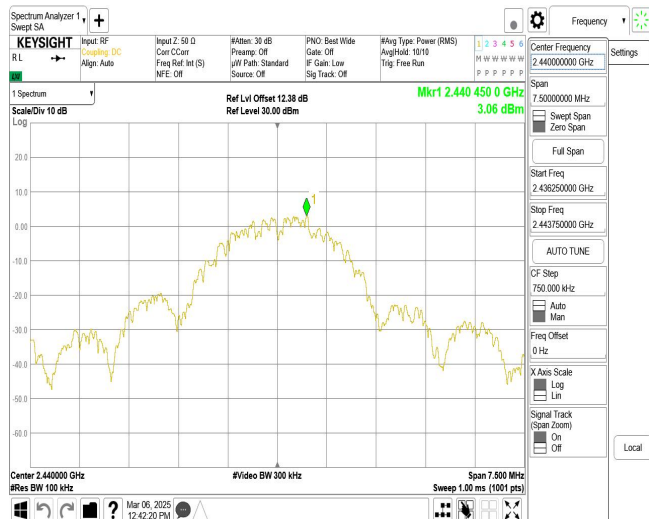
802.15.4 Mesh Networking Radio_Ant1_2405_0~Reference



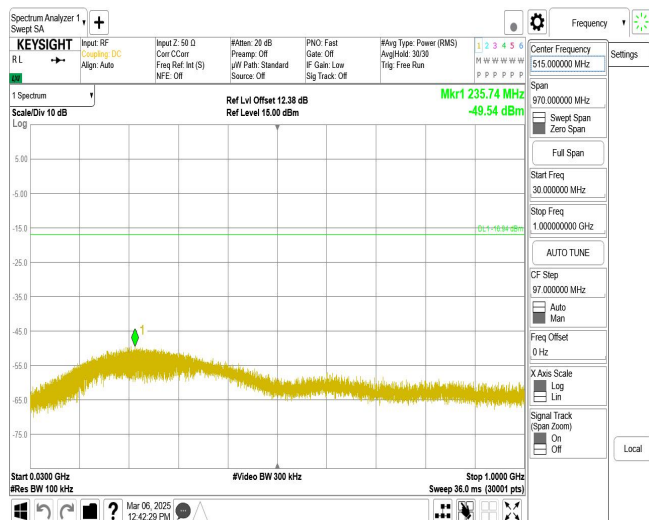
802.15.4 Mesh Networking Radio_Ant1_2405_30~1000



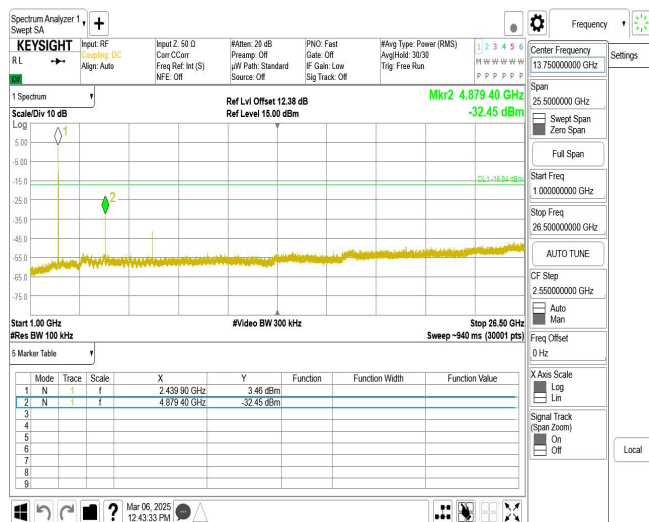
802.15.4 Mesh Networking Radio_Ant1_2405_1000~26500



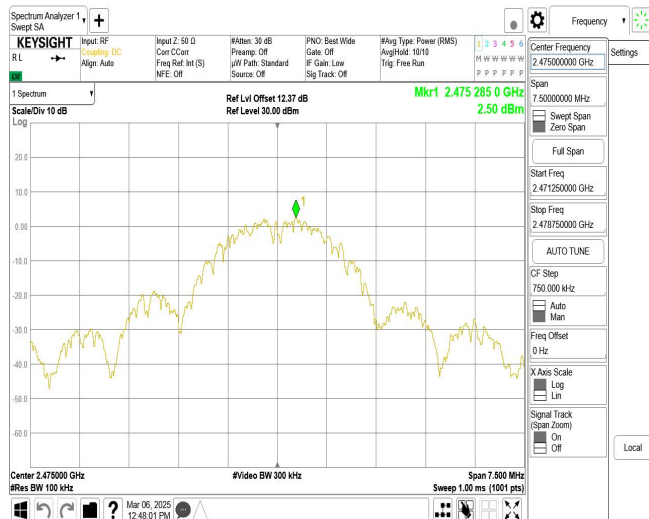
802.15.4 Mesh Networking Radio_Ant1_2440_0~Reference



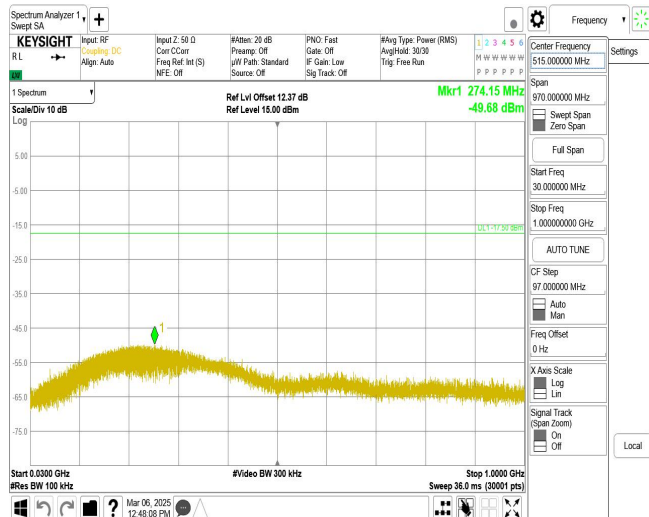
802.15.4 Mesh Networking Radio_Ant1_2440_30~1000



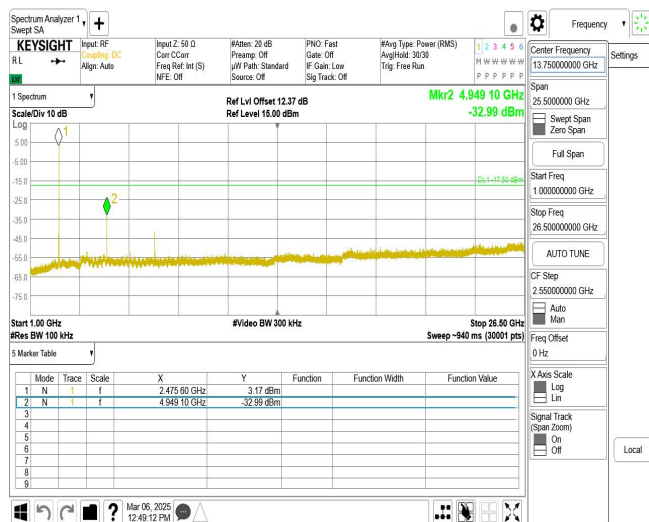
802.15.4 Mesh Networking Radio_Ant1_2440_1000~26500



802.15.4 Mesh Networking Radio_Ant1_2475_0~Reference



802.15.4 Mesh Networking Radio_Ant1_2475_30~1000



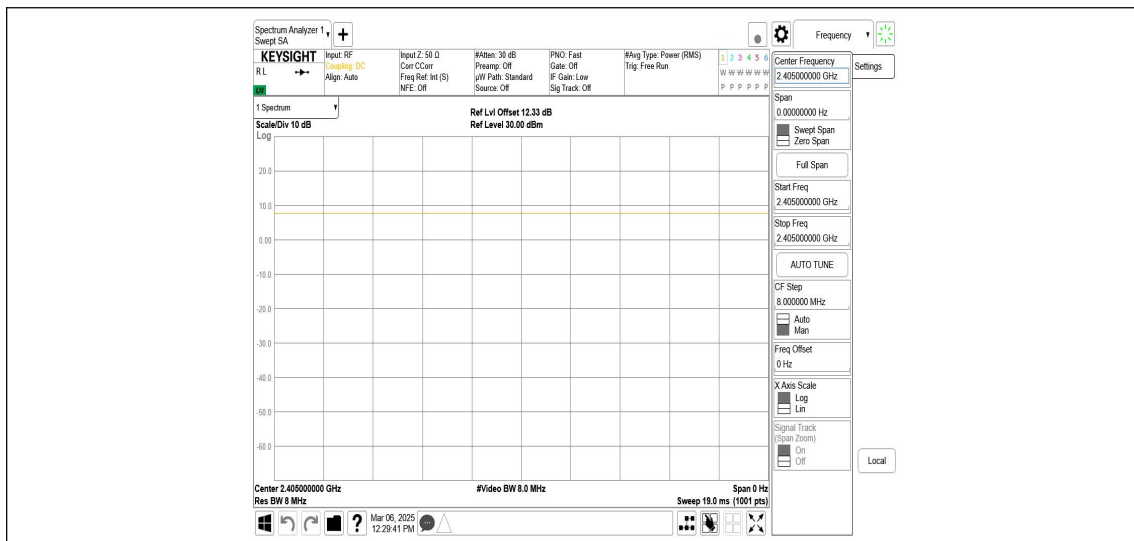
802.15.4 Mesh Networking Radio_Ant1_2475_1000~26500

Appendix G: Duty Cycle

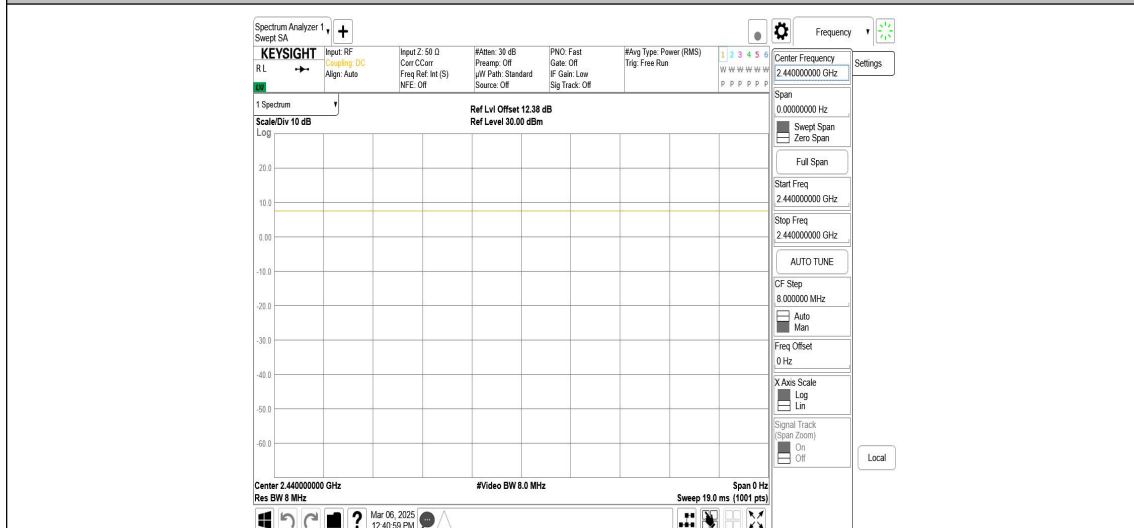
Test Result

TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
802.15.4 Mesh Networking Radio	Ant1	2405	0.00	0.00	100	---	---
		2440	0.00	0.00	100	---	---
		2475	0.00	0.00	100	---	---

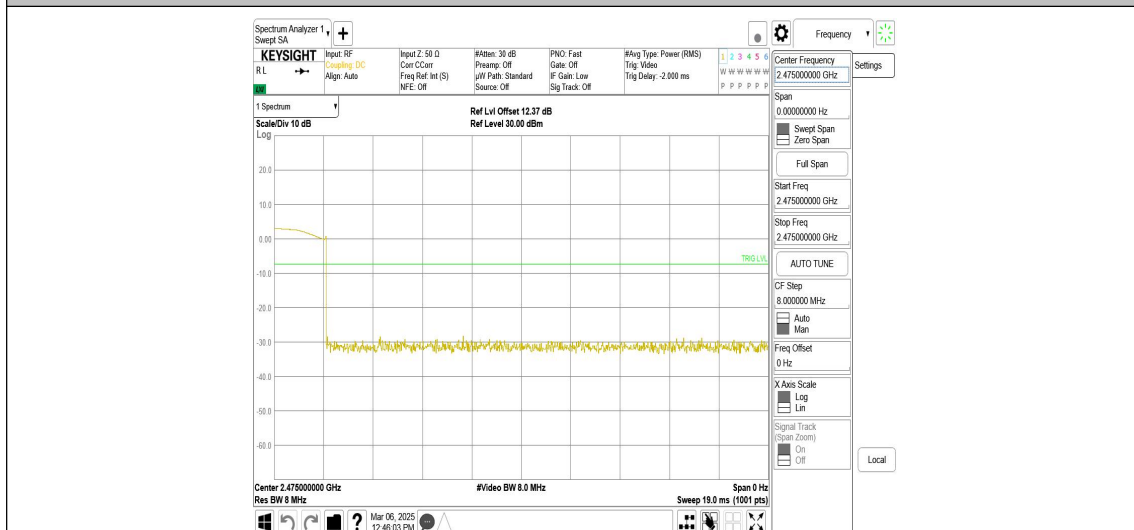
Test Graphs



802.15.4 Mesh Networking Radio_Ant1_2405



802.15.4 Mesh Networking Radio_Ant1_2440



802.15.4 Mesh Networking Radio_Ant1_2475

