

Appendix: Zigbee

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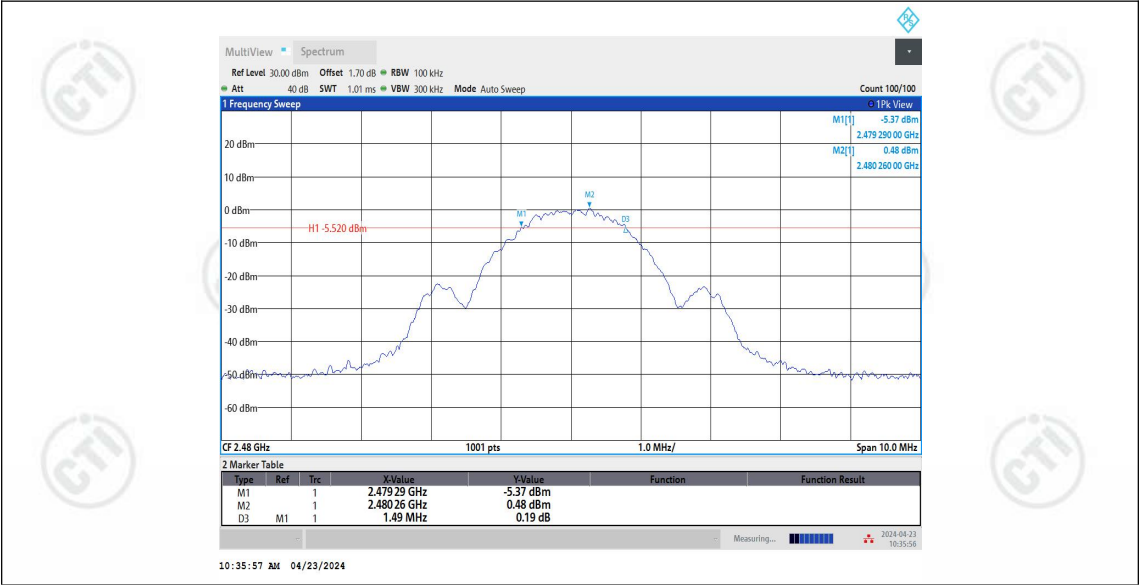
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	1.47	2404.33	2405.80	0.5	PASS
		2440	1.52	2439.29	2440.81	0.5	PASS
		2480	1.49	2479.29	2480.78	0.5	PASS

Test Graphs





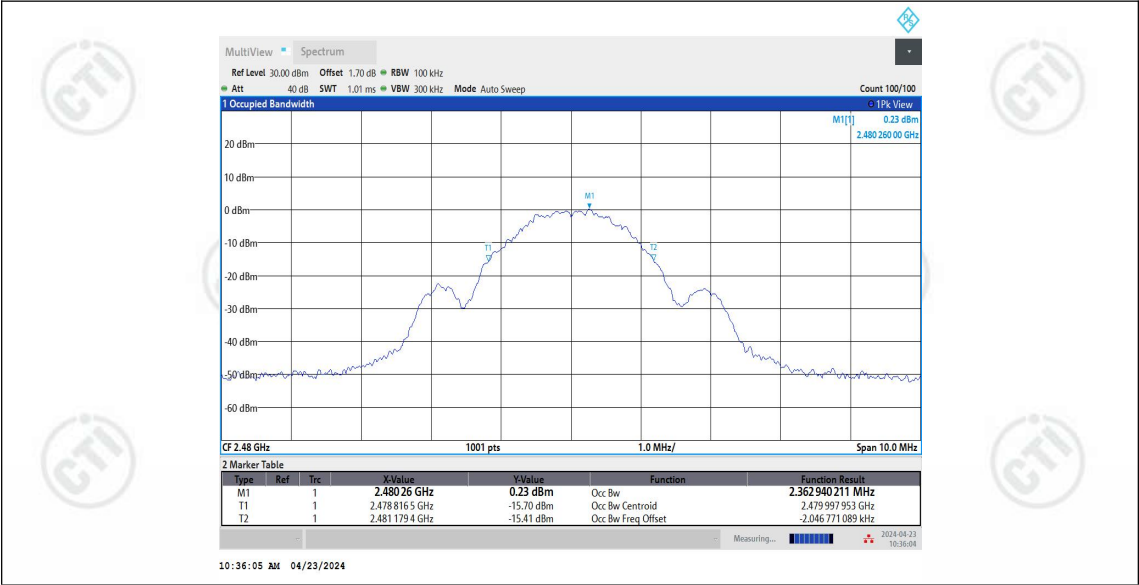
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
ZIGB	Ant1	2405	2.313	2403.835	2406.148	---	---
		2440	2.33	2438.826	2441.156	---	---
		2480	2.363	2478.816	2481.179	---	---

Test Graphs





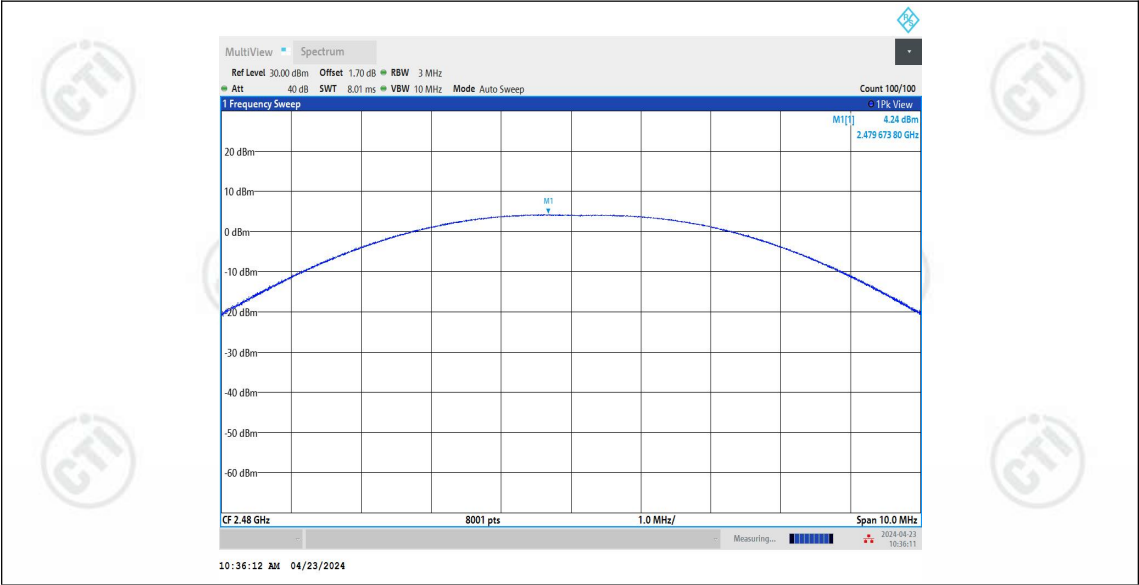
Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	2405	5.33	≤30	PASS
		2440	5	≤30	PASS
		2480	4.24	≤30	PASS

Test Graphs



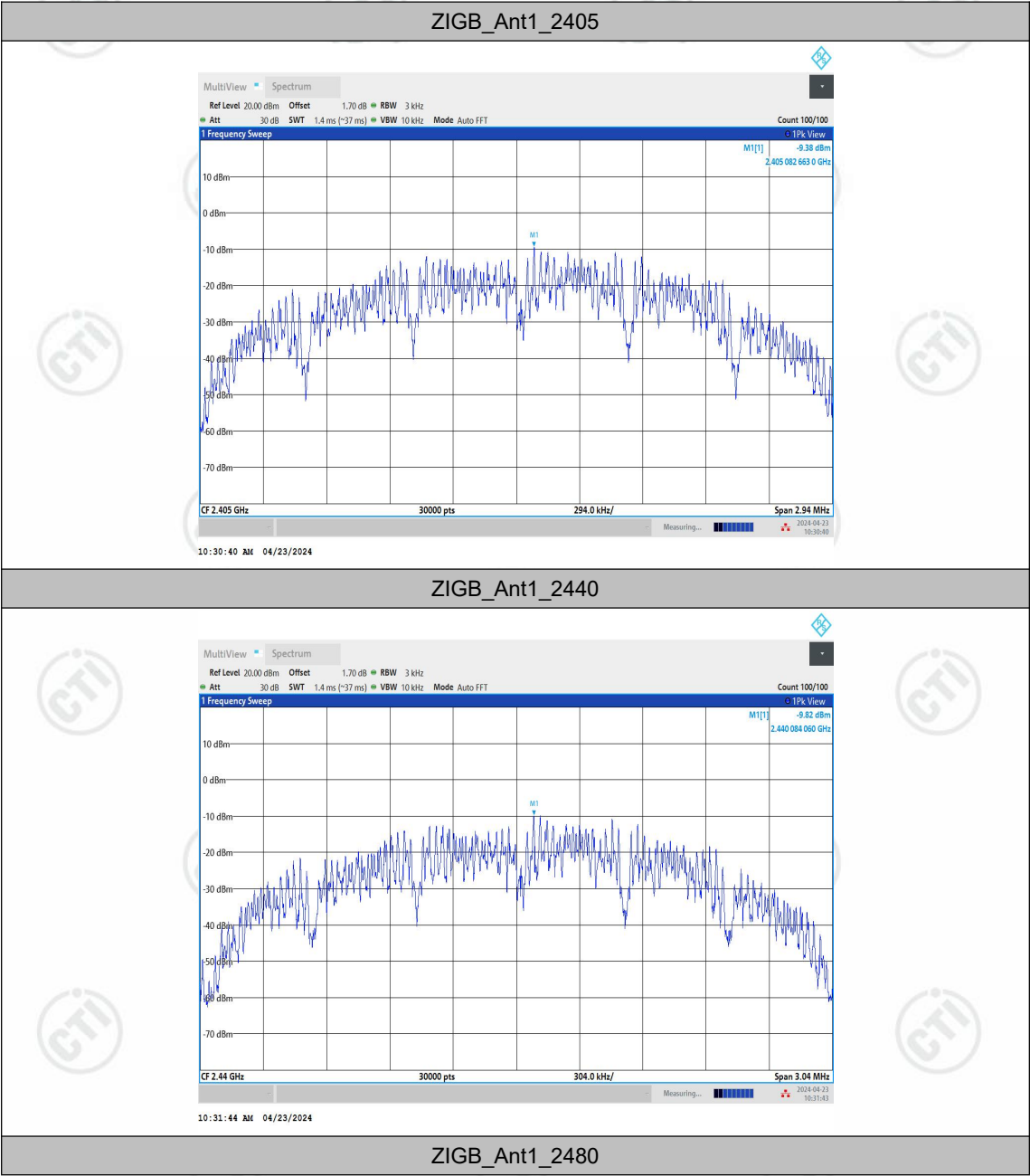


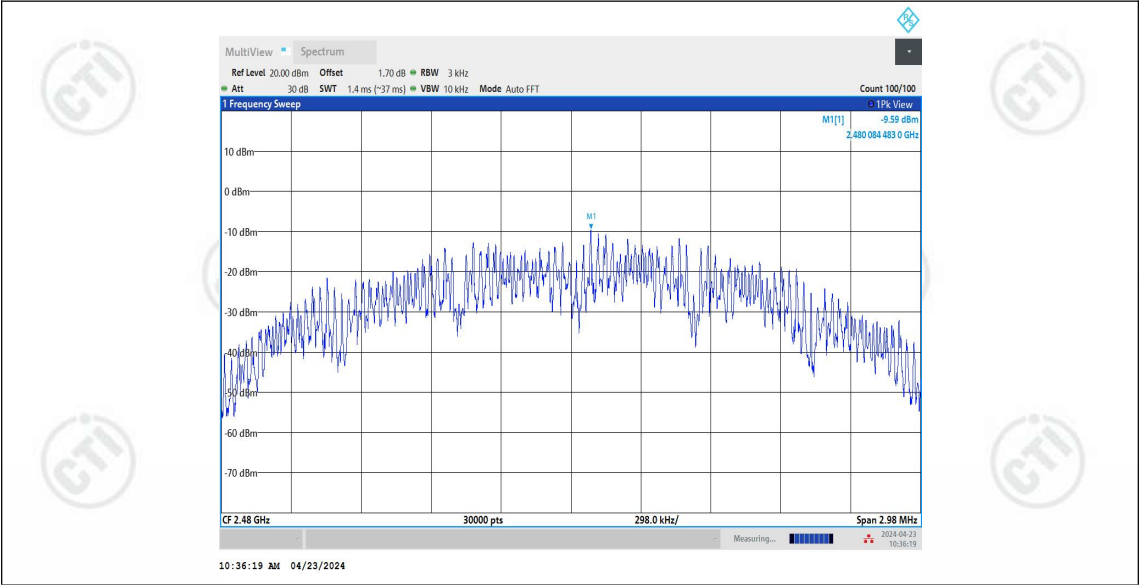
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
ZIGB	Ant1	2405	-9.38	≤8.00	PASS
		2440	-9.82	≤8.00	PASS
		2480	-9.59	≤8.00	PASS

Test Graphs





Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	Low	2405	1.11	-54.57	≤-18.89	PASS
		High	2480	0.25	-53.13	≤-19.75	PASS

Test Graphs



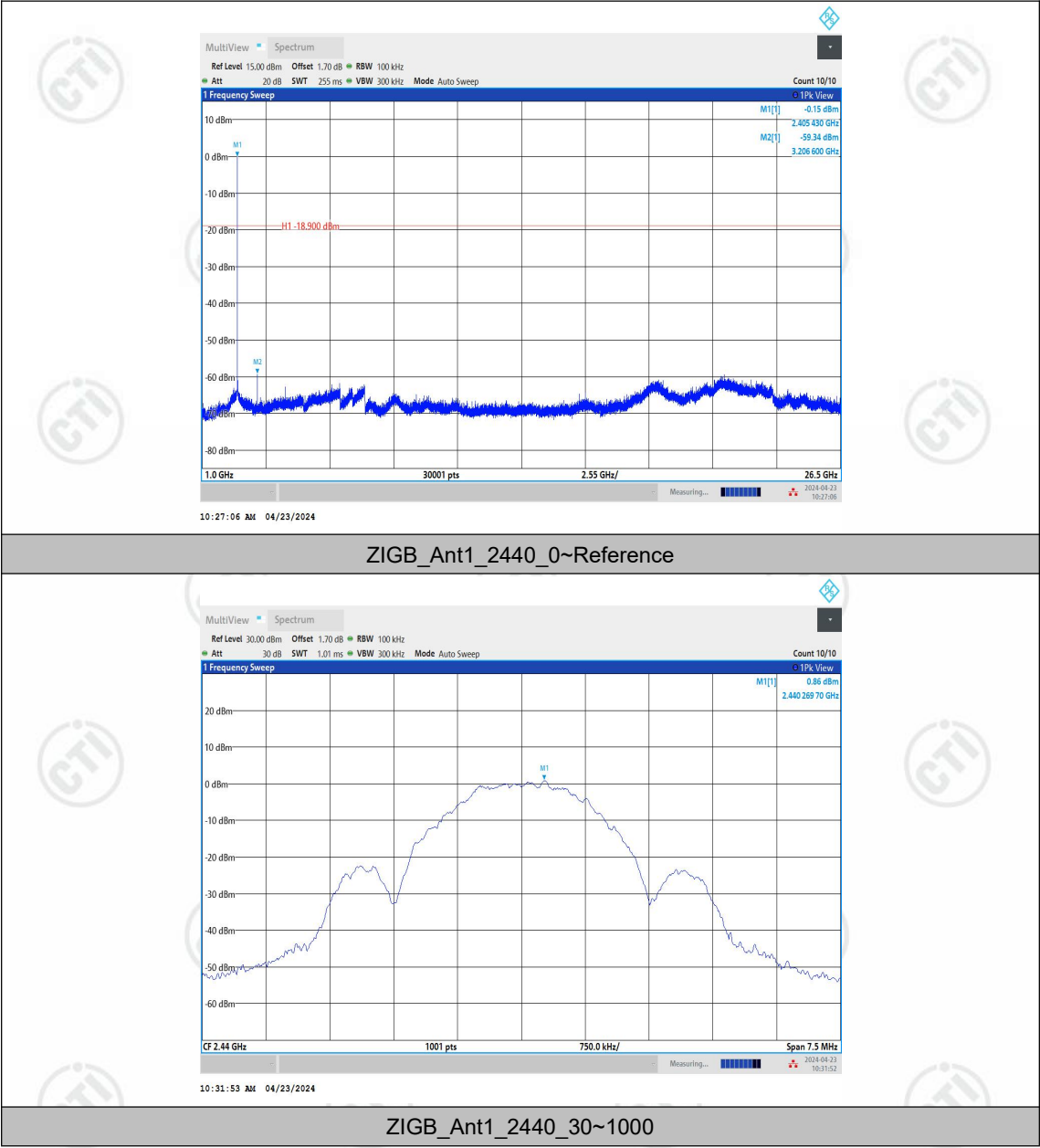
Appendix F: Conducted Spurious Emission

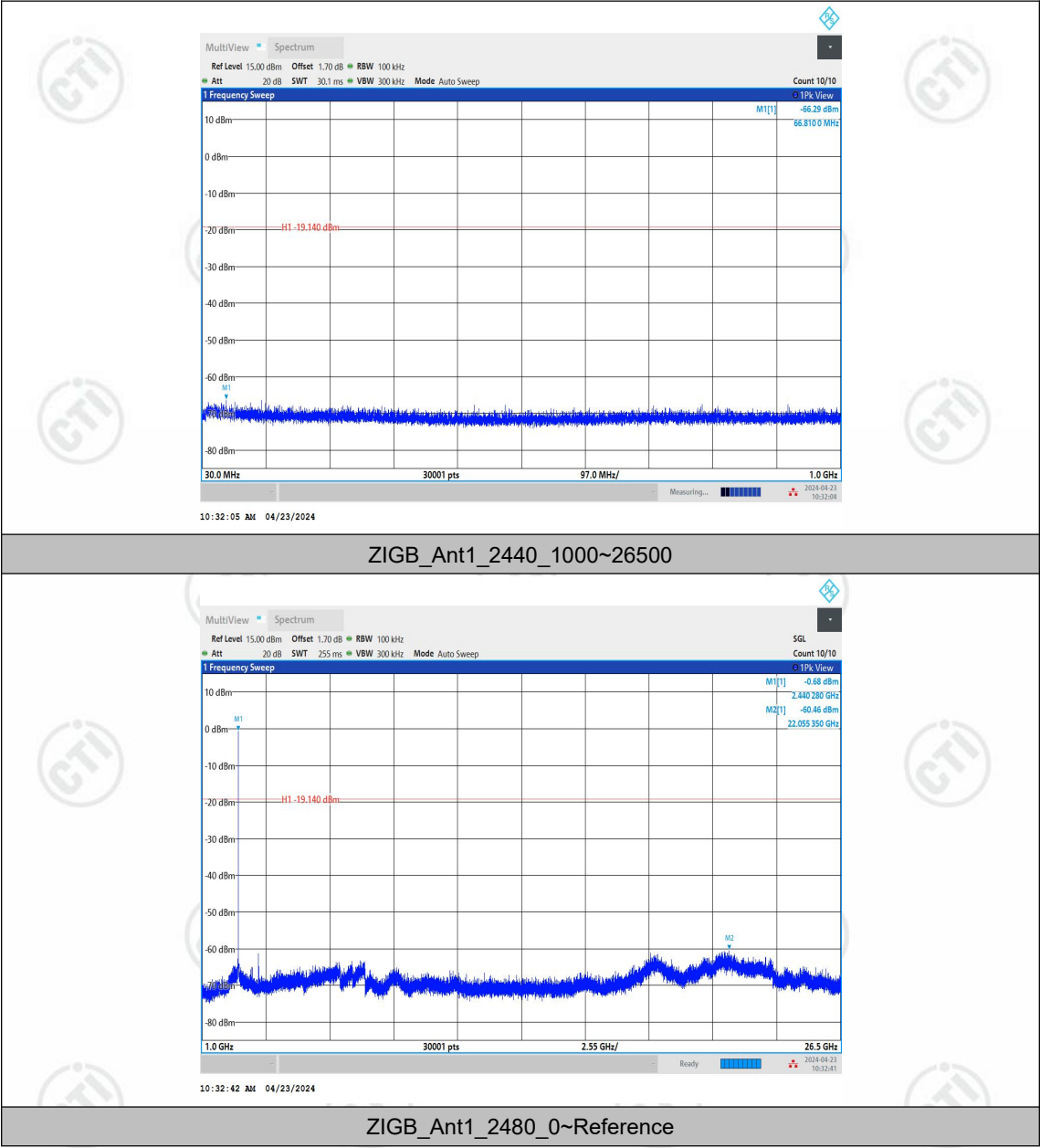
Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
ZIGB	Ant1	2405	Reference	1.10	1.10	---	PASS
			30~1000	1.10	-66.37	≤-18.9	PASS
			1000~26500	1.10	-59.34	≤-18.9	PASS
		2440	Reference	0.86	0.86	---	PASS
			30~1000	0.86	-66.29	≤-19.14	PASS
			1000~26500	0.86	-60.46	≤-19.14	PASS
		2480	Reference	0.34	0.34	---	PASS
			30~1000	0.34	-66.22	≤-19.66	PASS
			1000~26500	0.34	-59.52	≤-19.66	PASS

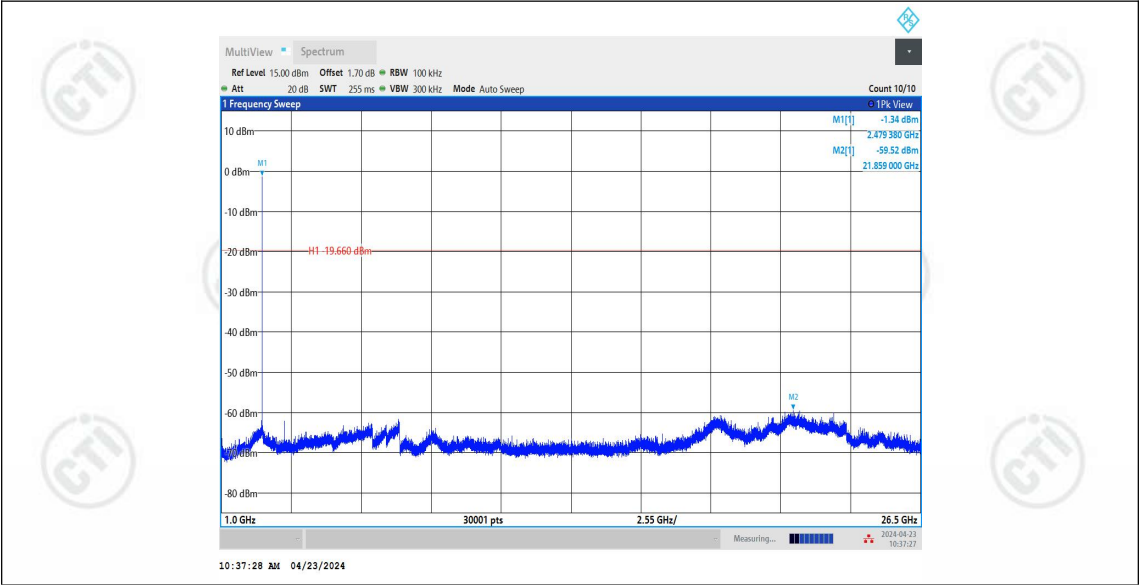
Test Graphs











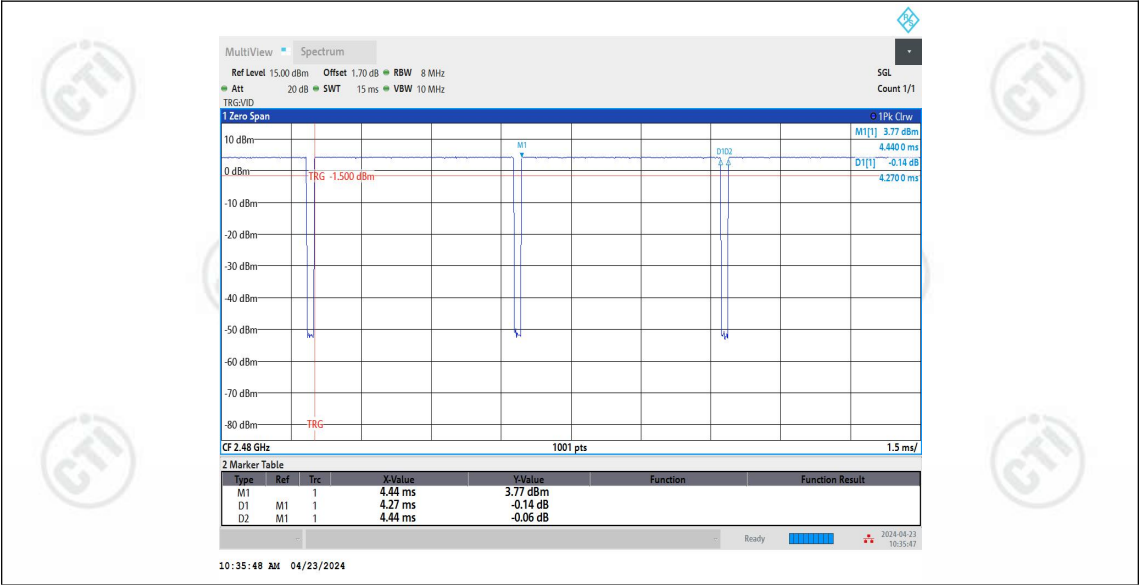
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
ZIGB	Ant1	2405	4.26	4.44	95.95	---	---
		2440	4.27	4.44	96.17	---	---
		2480	4.27	4.44	96.17	---	---

Test Graphs





*** End of Report ***