

Appendix: Zigbee

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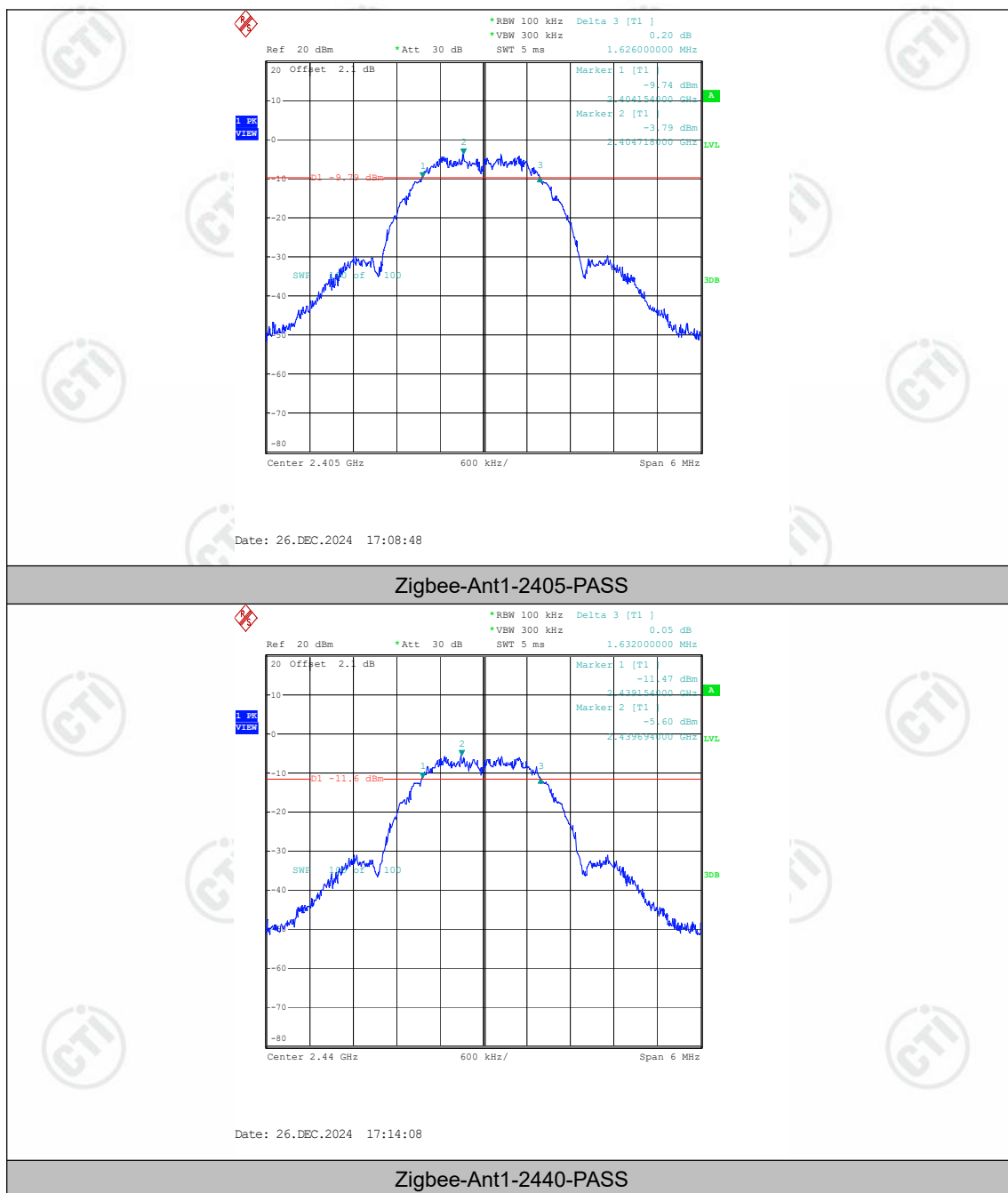
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Zigbee	Ant1	2405	1.63	2404.15	2405.78	0.5	PASS
Zigbee	Ant1	2440	1.63	2439.15	2440.79	0.5	PASS
Zigbee	Ant1	2480	1.63	2479.15	2480.79	0.5	PASS

Test Graphs

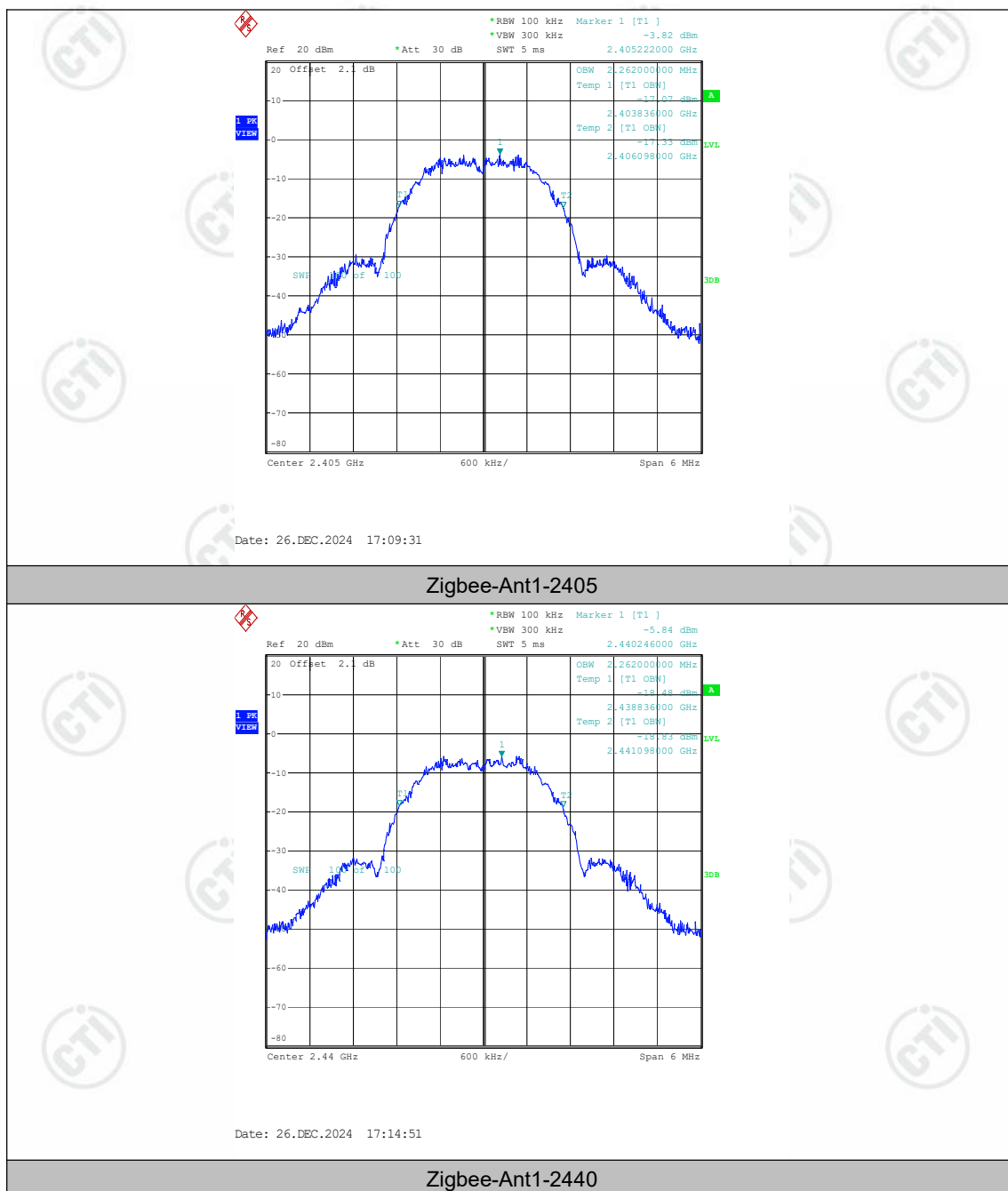


Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
Zigbee	Ant1	2405	2.262	2403.836	2406.098	---	---
Zigbee	Ant1	2440	2.262	2438.836	2441.098	---	---
Zigbee	Ant1	2480	2.262	2478.830	2481.092	---	---

Test Graphs

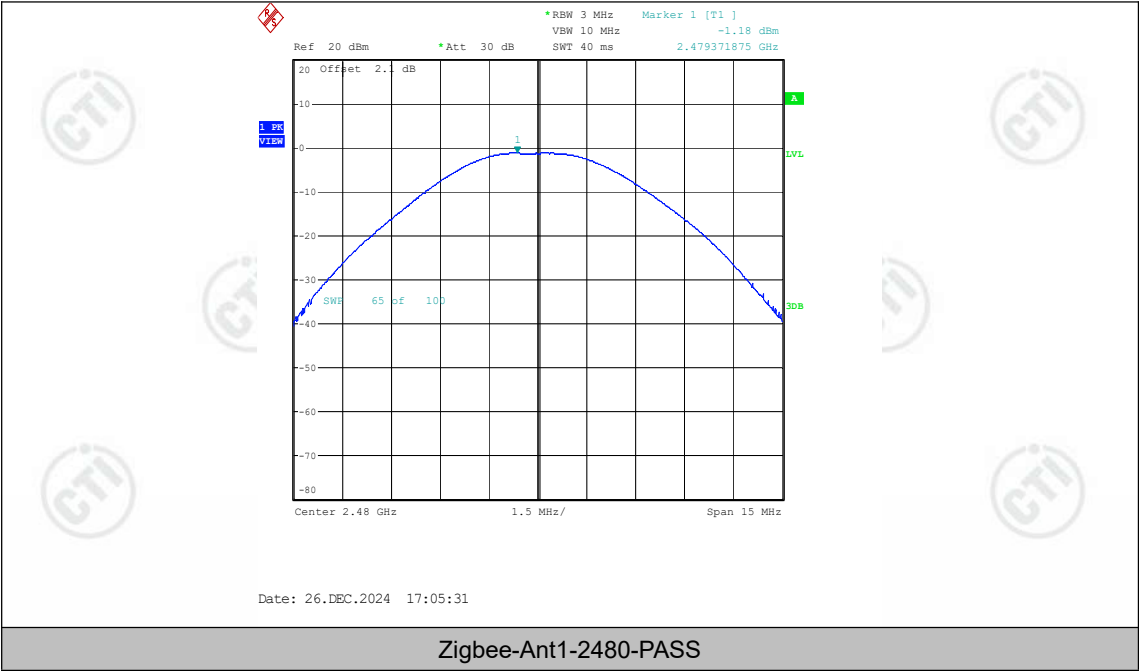




Appendix C: Maximum conducted output power

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	2405	-1.04	≤30	PASS
Zigbee	Ant1	2440	-1.68	≤30	PASS
Zigbee	Ant1	2480	-1.18	≤30	PASS



Appendix D: Maximum power spectral density

Test Result

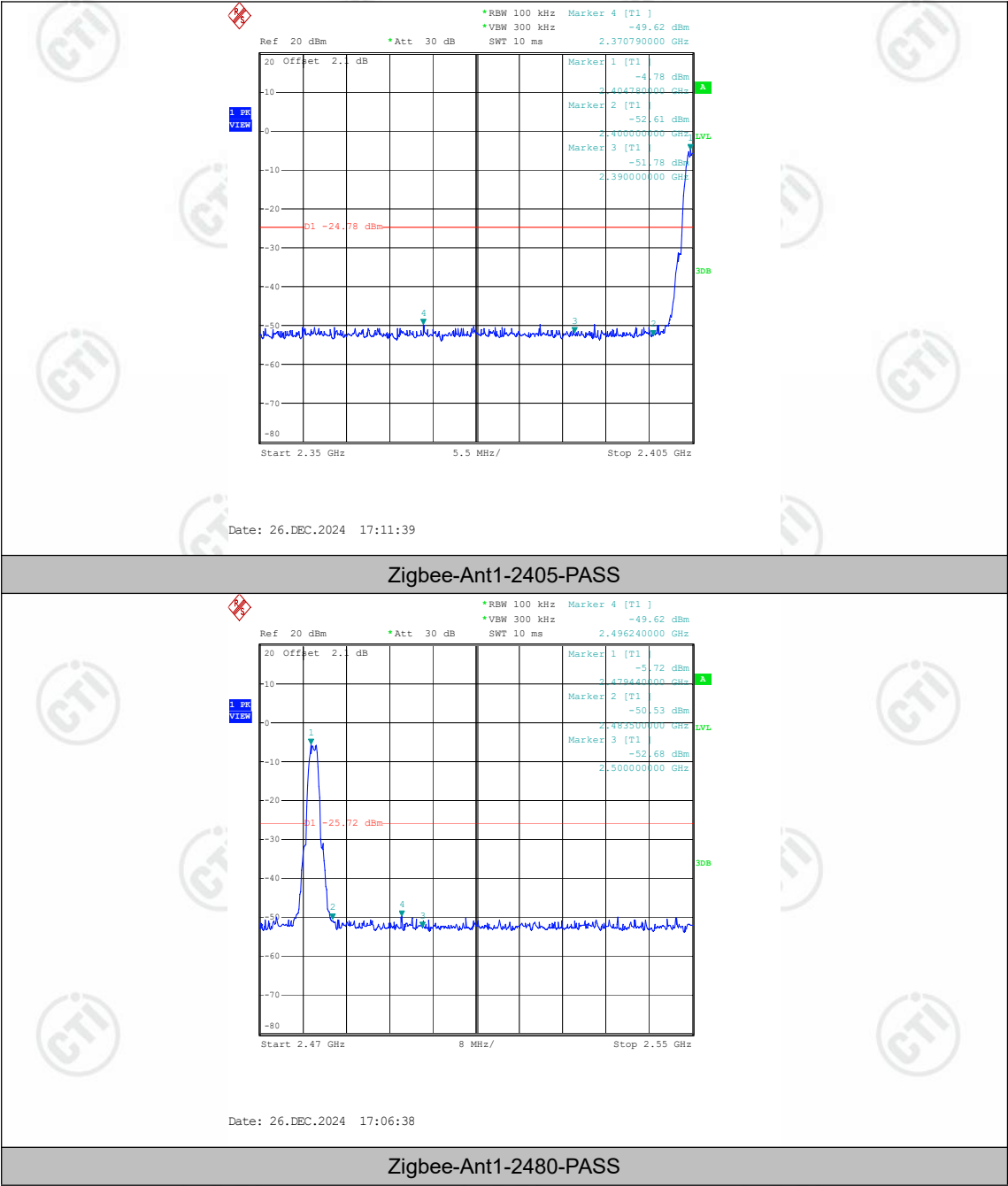
TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
Zigbee	Ant1	2405	-16.25	≤8.00	PASS
Zigbee	Ant1	2440	-17.33	≤8.00	PASS
Zigbee	Ant1	2480	-16.45	≤8.00	PASS

Appendix E: Band edge measurements

Test Result

TestMod e	Antenn a	ChNam e	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdic t
Zigbee	Ant1	Low	2405	-4.78	-49.62	≤-24.78	PASS
Zigbee	Ant1	High	2480	-5.72	-49.62	≤-25.72	PASS

Test Graphs

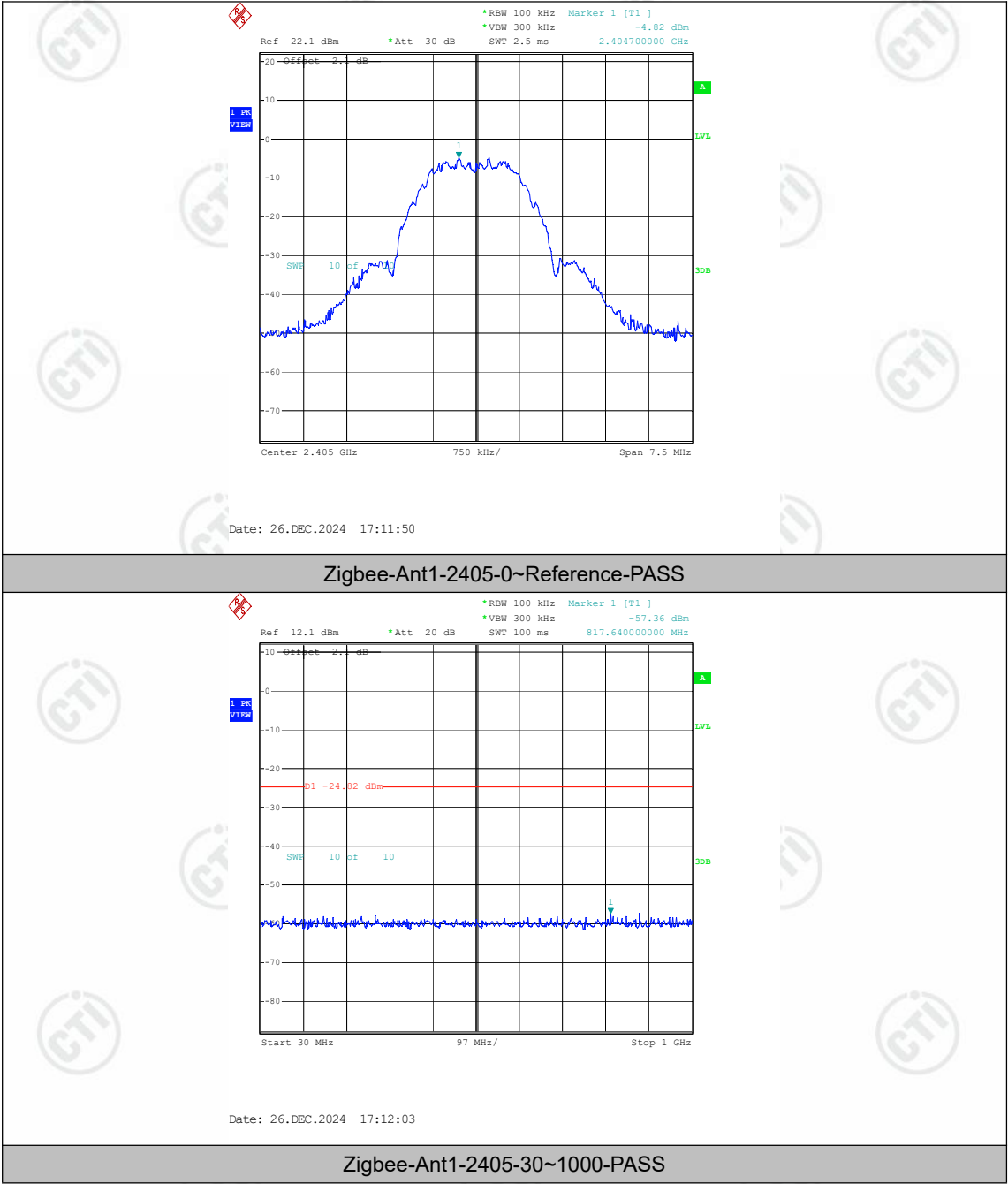


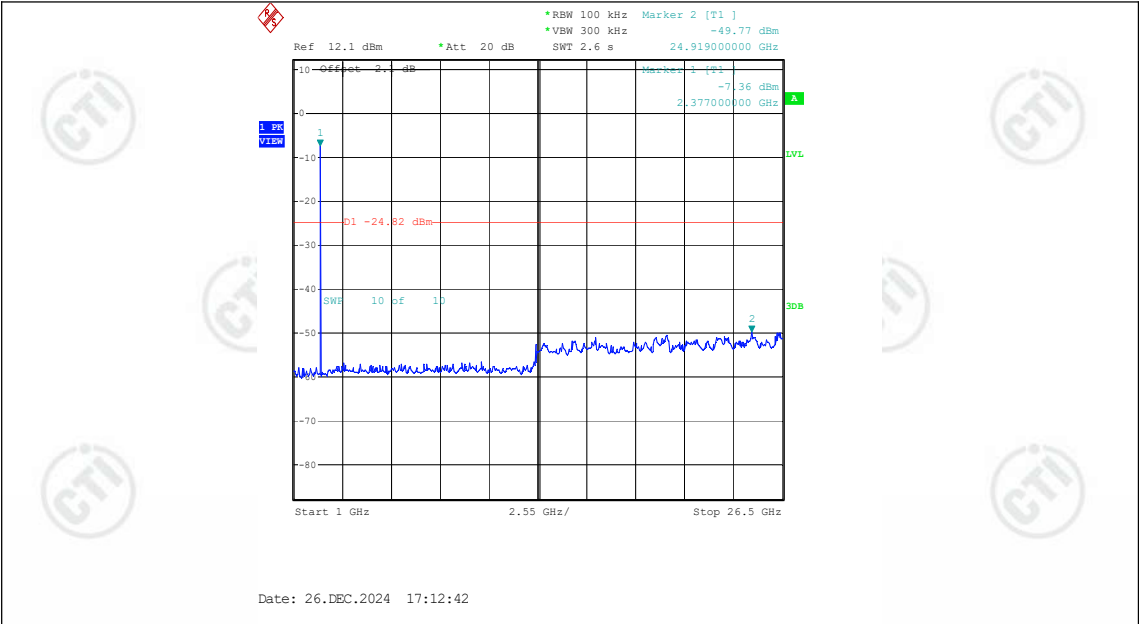
Appendix F: Conducted Spurious Emission

Test Result

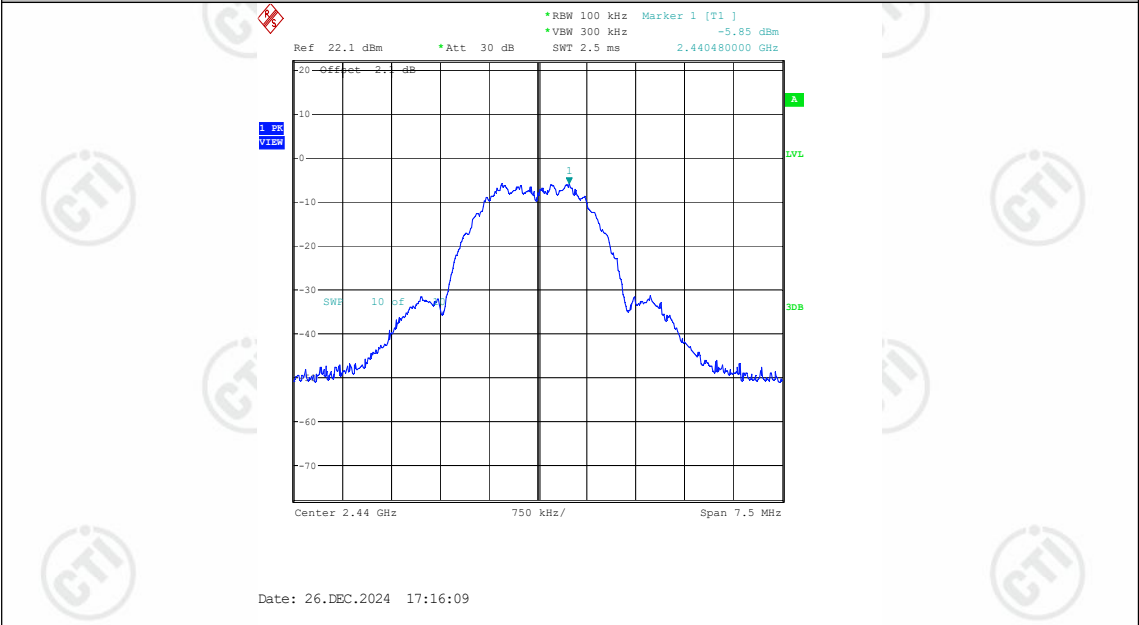
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
Zigbee	Ant1	2405	0~Reference	-4.82	-4.82	---	PASS
Zigbee	Ant1	2405	30~1000	-4.82	-57.36	≤-24.82	PASS
Zigbee	Ant1	2405	1000~26500	-4.82	-49.77	≤-24.82	PASS
Zigbee	Ant1	2440	0~Reference	-5.85	-5.85	---	PASS
Zigbee	Ant1	2440	30~1000	-5.85	-57.73	≤-25.85	PASS
Zigbee	Ant1	2440	1000~26500	-5.85	-50.09	≤-25.85	PASS
Zigbee	Ant1	2480	0~Reference	-5.29	-5.29	---	PASS
Zigbee	Ant1	2480	30~1000	-5.29	-57.67	≤-25.29	PASS
Zigbee	Ant1	2480	1000~26500	-5.29	-49.8	≤-25.29	PASS

Test Graphs

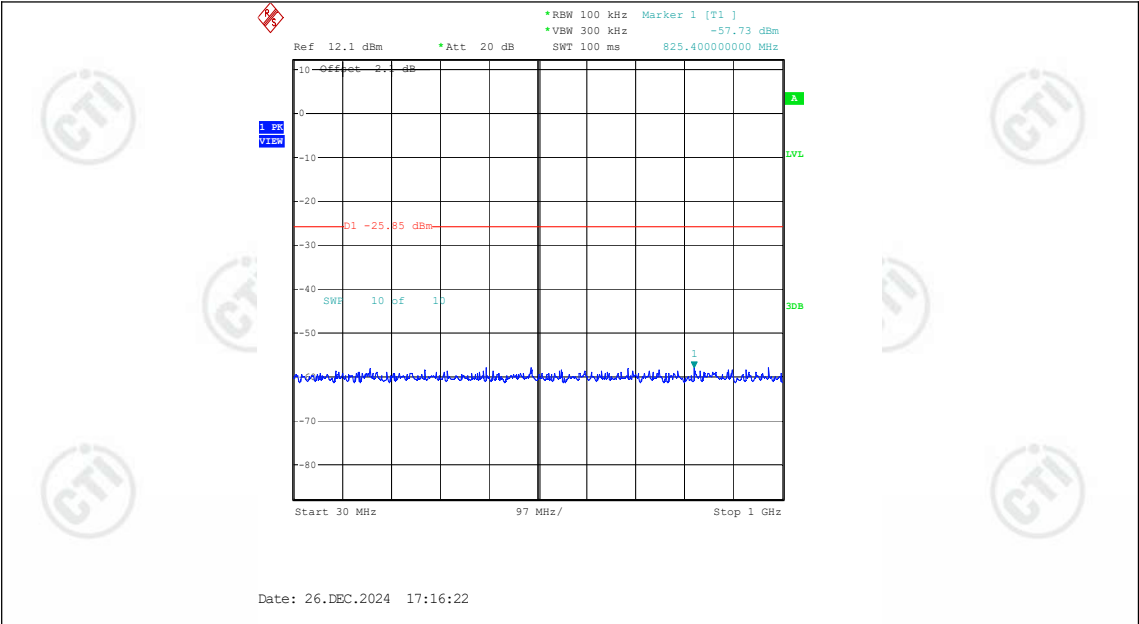




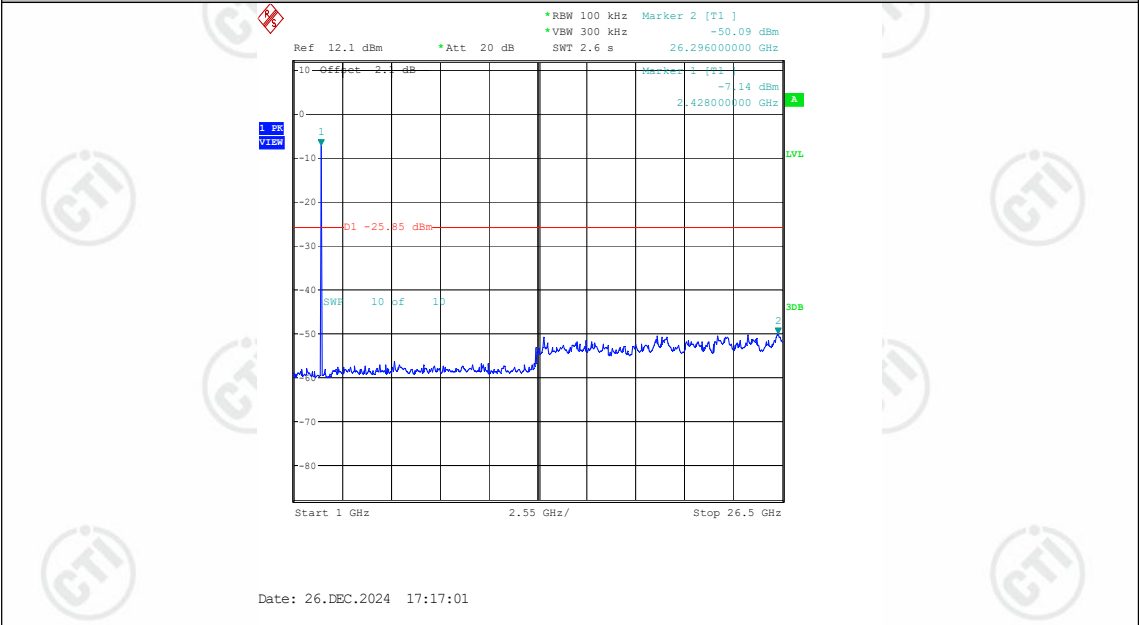
Zigbee-Ant1-2405-1000~26500-PASS



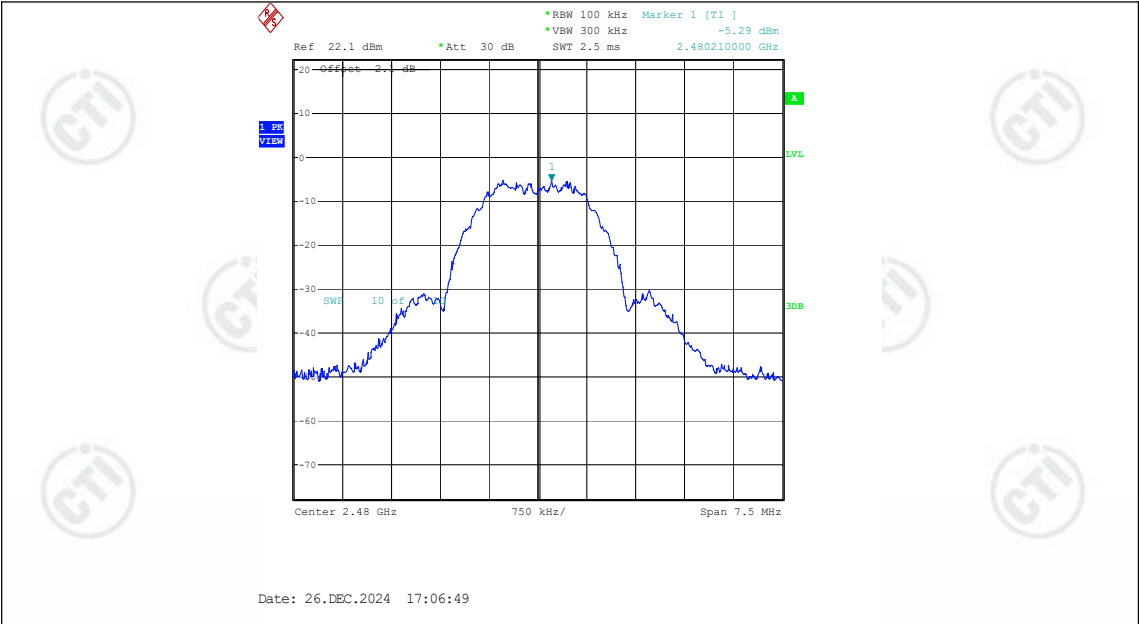
Zigbee-Ant1-2440-0~Reference-PASS



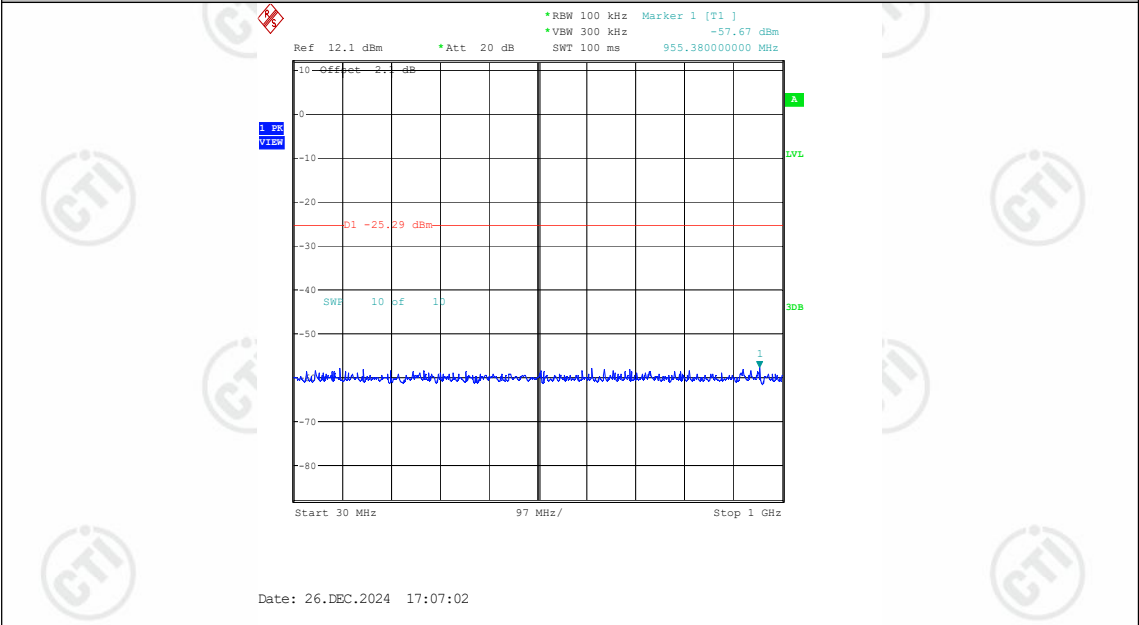
Zigbee-Ant1-2440-30~1000-PASS



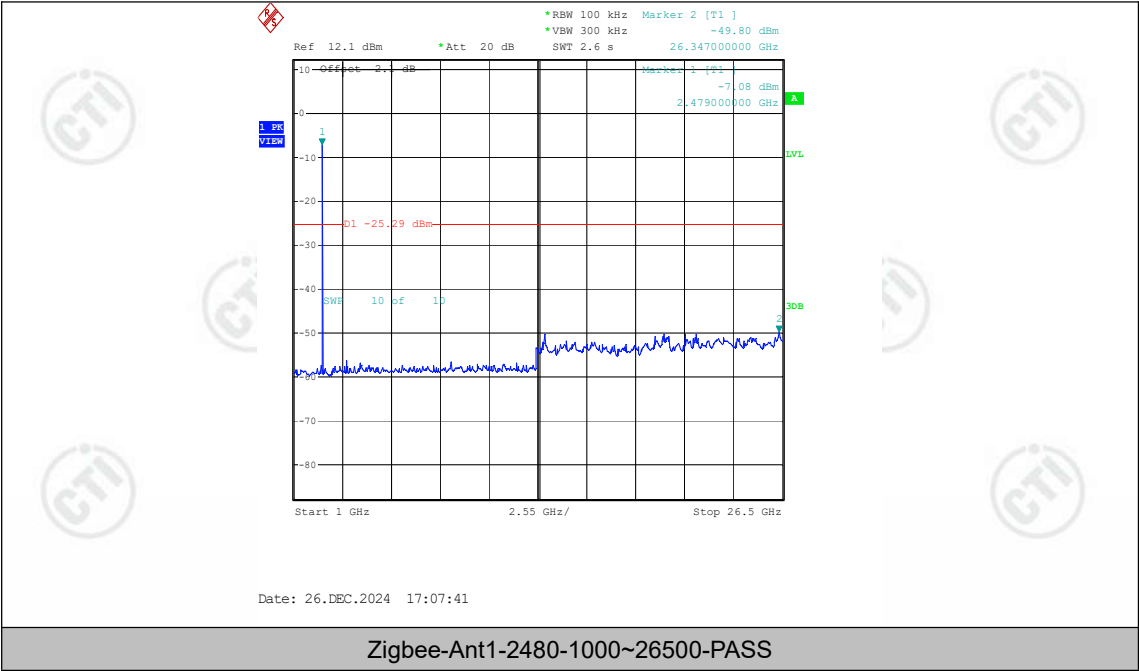
Zigbee-Ant1-2440-1000~26500-PASS



Zigbee-Ant1-2480-0~Reference-PASS



Zigbee-Ant1-2480-30~1000-PASS

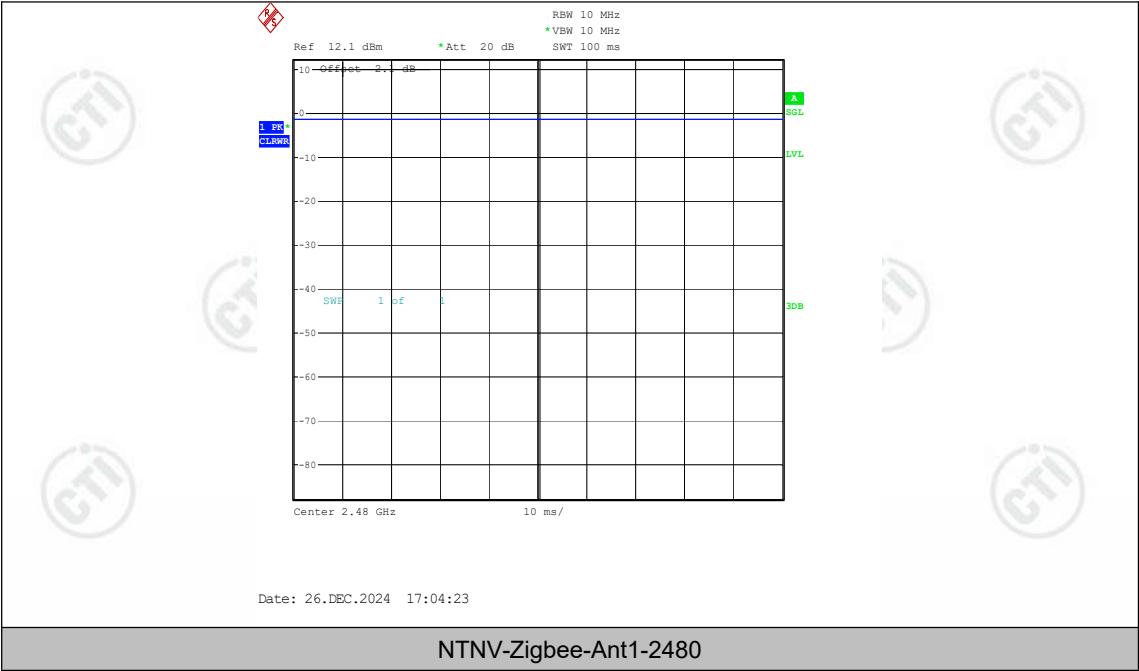


Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
Zigbee	Ant1	2405	100.00	100.00	100.00	0
Zigbee	Ant1	2440	100.00	100.00	100.00	0
Zigbee	Ant1	2480	100.00	100.00	100.00	0

Note:Duty Cycle Factor[dB]=-10*Ig(Duty Cycle);



END OF REPORT