

Appendix:Bluetooth BLE

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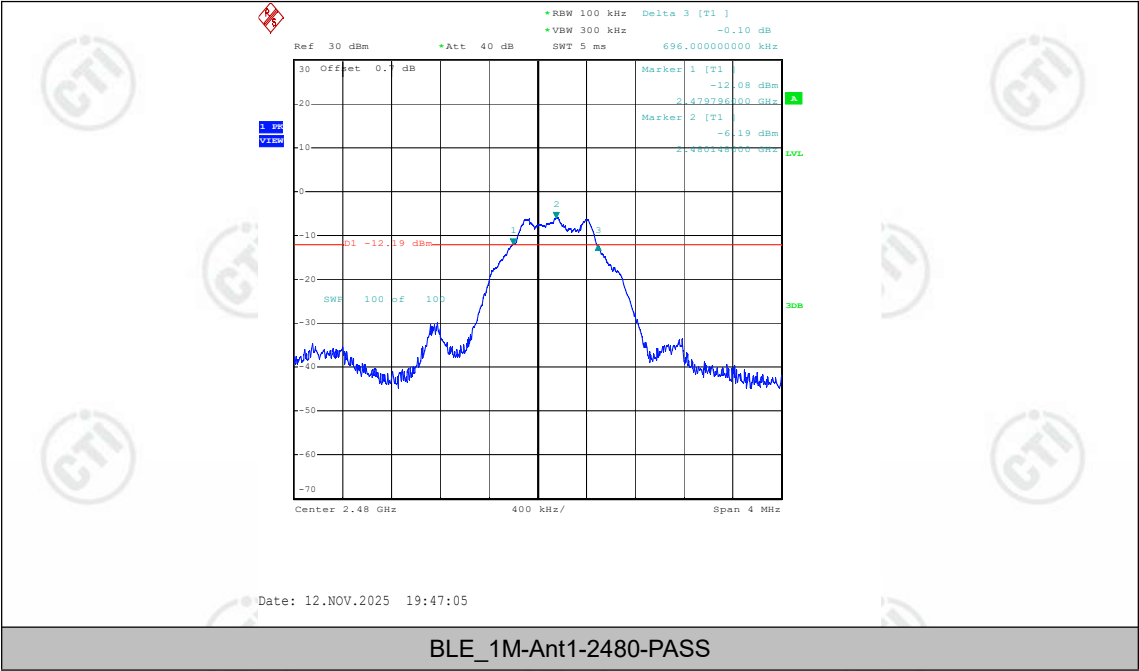
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Appendix A: DTS Bandwidth

Test Result

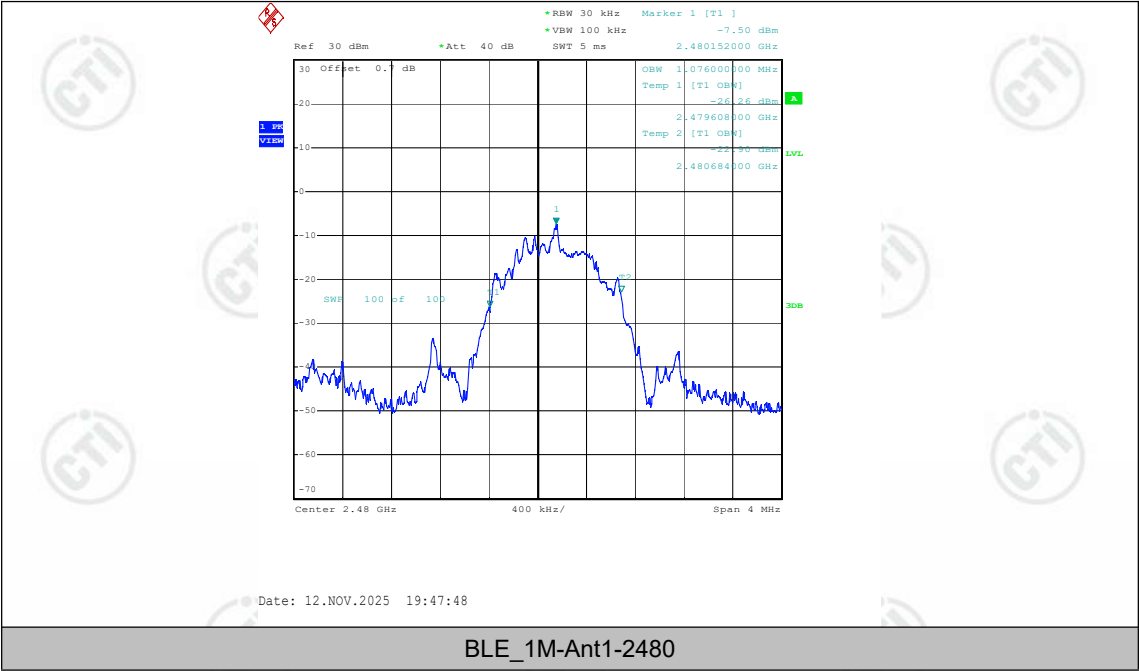
TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	2401.82	2402.49	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.82	2440.50	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.80	2480.49	0.5	PASS



Appendix B: Occupied Channel Bandwidth

Test Result

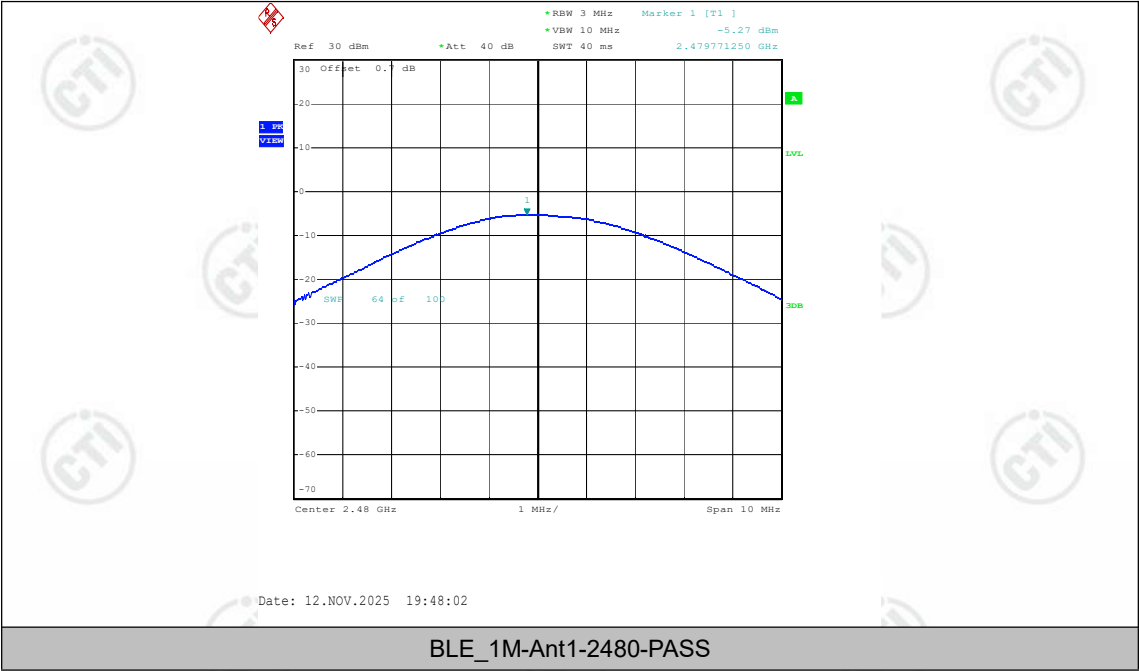
TestMode	Antenna	Frequency[MHz]	OCB [MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0760	---	---
BLE_1M	Ant1	2440	1.0640	---	---
BLE_1M	Ant1	2480	1.0760	---	---



Appendix C: Maximum conducted output power

Test Result Peak

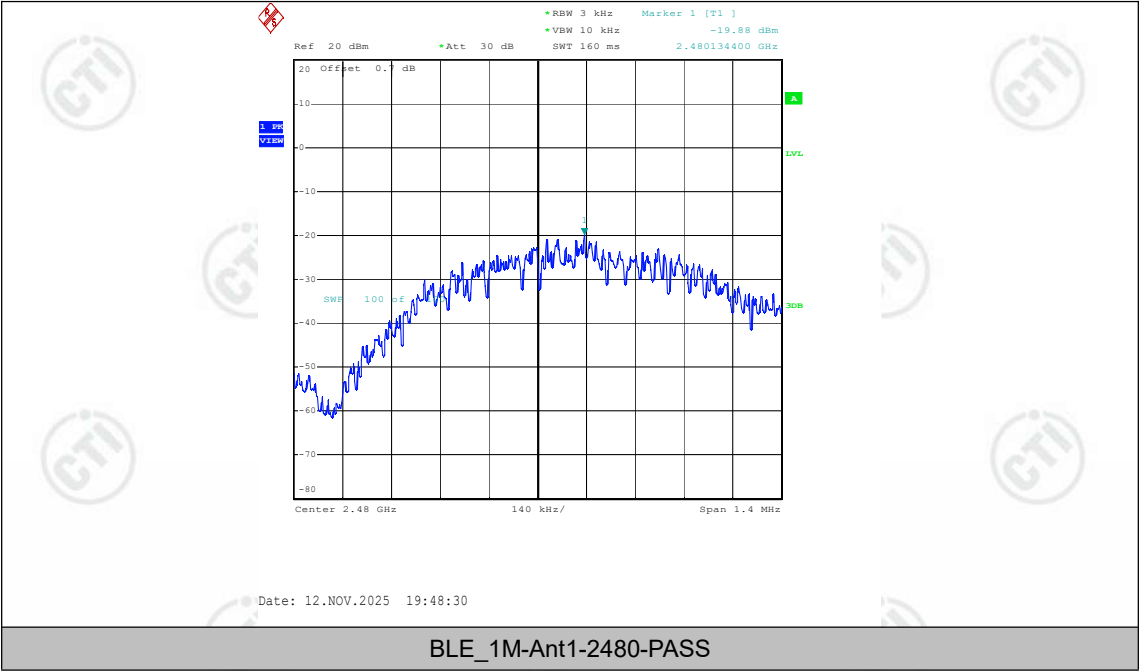
TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-5.01	≤30	PASS
BLE_1M	Ant1	2440	-5.01	≤30	PASS
BLE_1M	Ant1	2480	-5.27	≤30	PASS



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-19.98	≤8.00	PASS
BLE_1M	Ant1	2440	-19.72	≤8.00	PASS
BLE_1M	Ant1	2480	-19.88	≤8.00	PASS



Appendix E: Band edge measurements

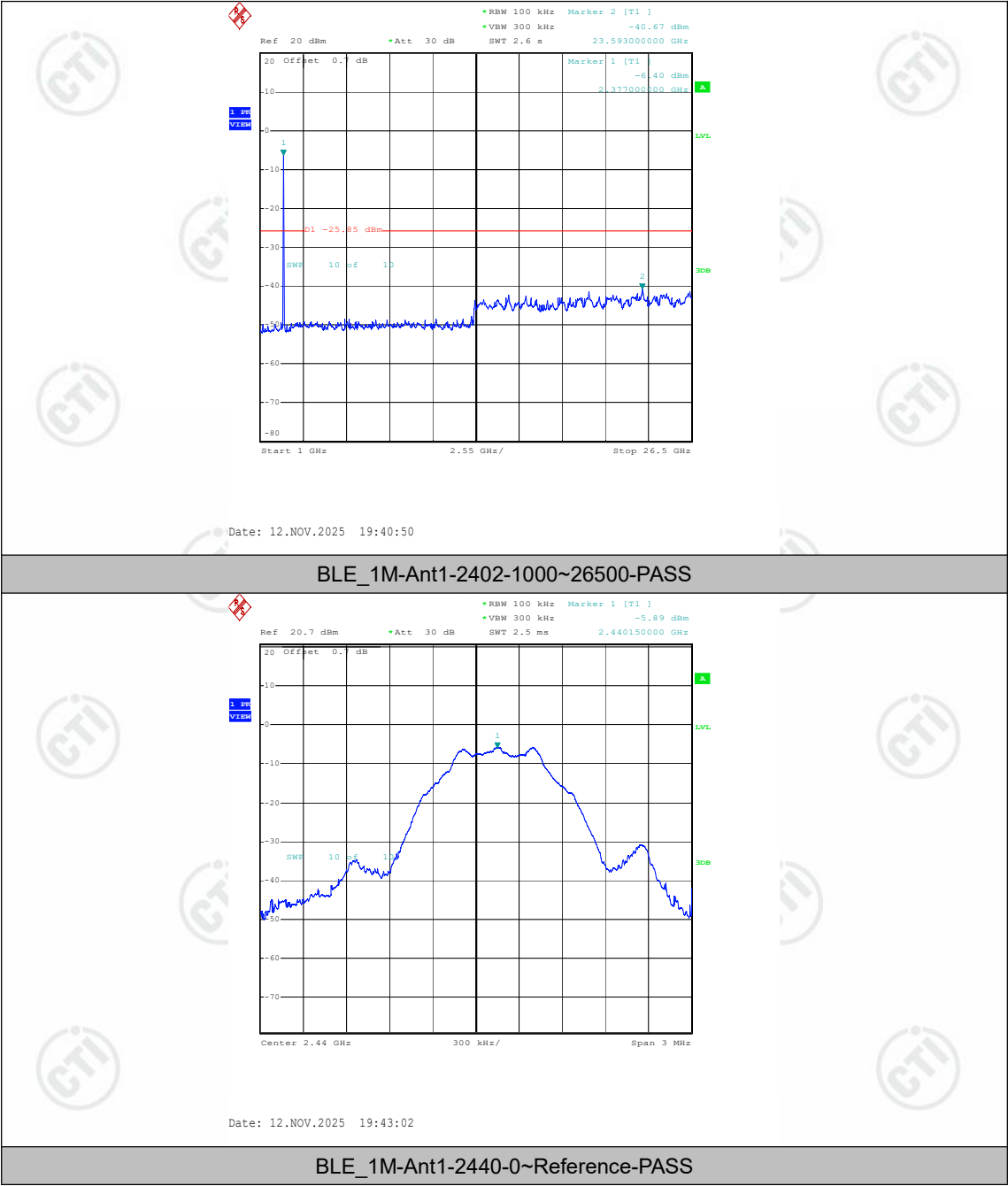
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-6.05	-45.67	≤-26.05	PASS
BLE_1M	Ant1	High	2480	-5.98	-49.89	≤-25.98	PASS

Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-5.85	-5.85	---	PASS
BLE_1M	Ant1	2402	30~1000	-5.85	-57.14	≤-25.85	PASS
BLE_1M	Ant1	2402	1000~26500	-5.85	-40.67	≤-25.85	PASS
BLE_1M	Ant1	2440	0~Reference	-5.89	-5.89	---	PASS
BLE_1M	Ant1	2440	30~1000	-5.89	-57.51	≤-25.89	PASS
BLE_1M	Ant1	2440	1000~26500	-5.89	-41.39	≤-25.89	PASS
BLE_1M	Ant1	2480	0~Reference	-6.01	-6.01	---	PASS
BLE_1M	Ant1	2480	30~1000	-6.01	-57.17	≤-26.01	PASS
BLE_1M	Ant1	2480	1000~26500	-6.01	-41.05	≤-26.01	PASS



Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.40	0.63	63.49	1.97
BLE_1M	Ant1	2440	0.39	0.62	62.90	2.01
BLE_1M	Ant1	2480	0.40	0.63	63.49	1.97

