

Appendix A: DTS Bandwidth

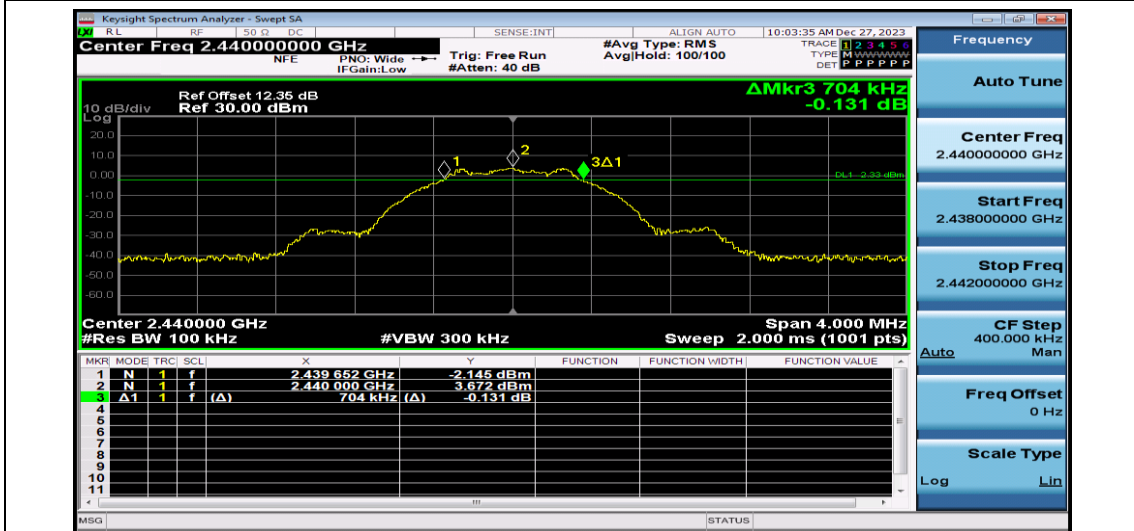
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.704	2401.640	2402.344	0.5	PASS
BLE_1M	Ant1	2440	0.704	2439.652	2440.356	0.5	PASS
BLE_1M	Ant1	2480	0.704	2479.636	2480.340	0.5	PASS

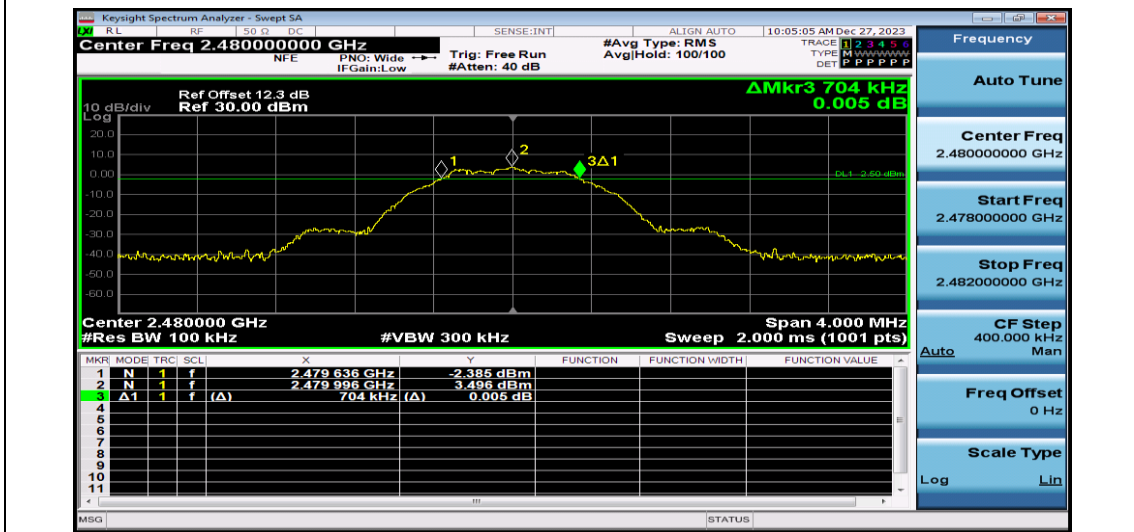
Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



BLE_1M-Ant1-2480

Appendix A: Occupied Channel Bandwidth

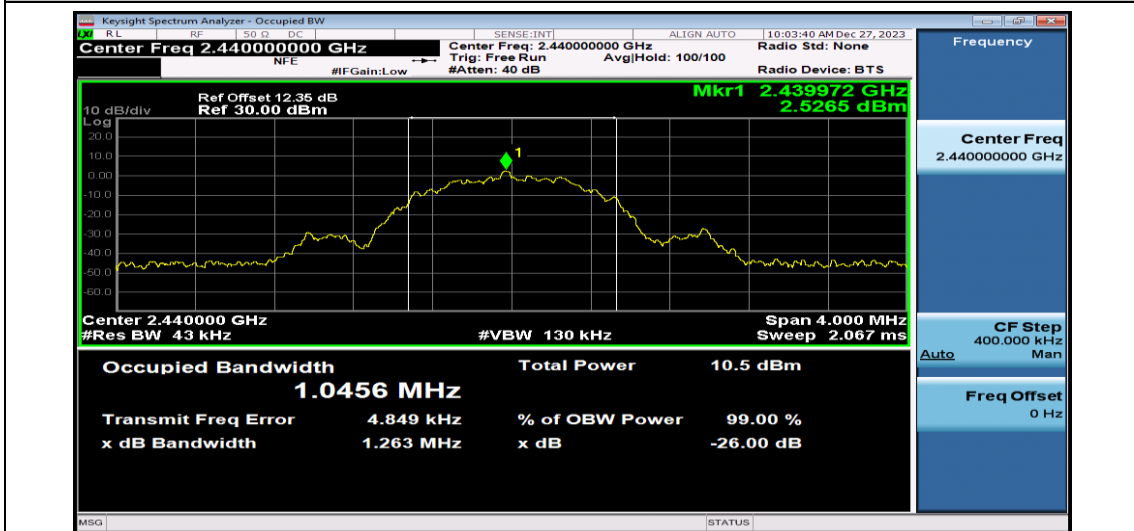
Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0359	2401.4895	2402.5254	---	---
BLE_1M	Ant1	2440	1.0456	2439.4821	2440.5277	---	---
BLE_1M	Ant1	2480	1.0424	2479.4824	2480.5248	---	---

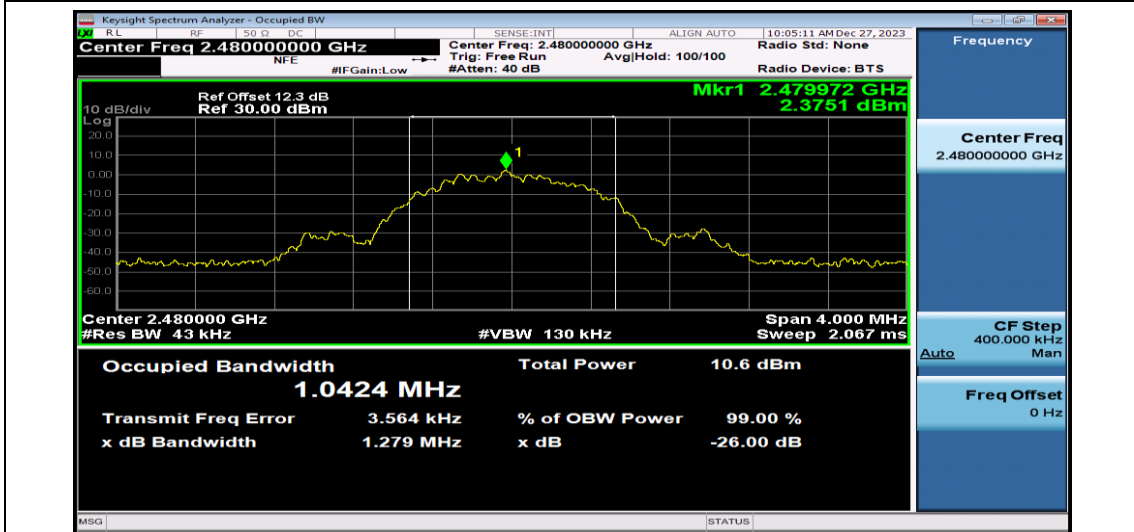
Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



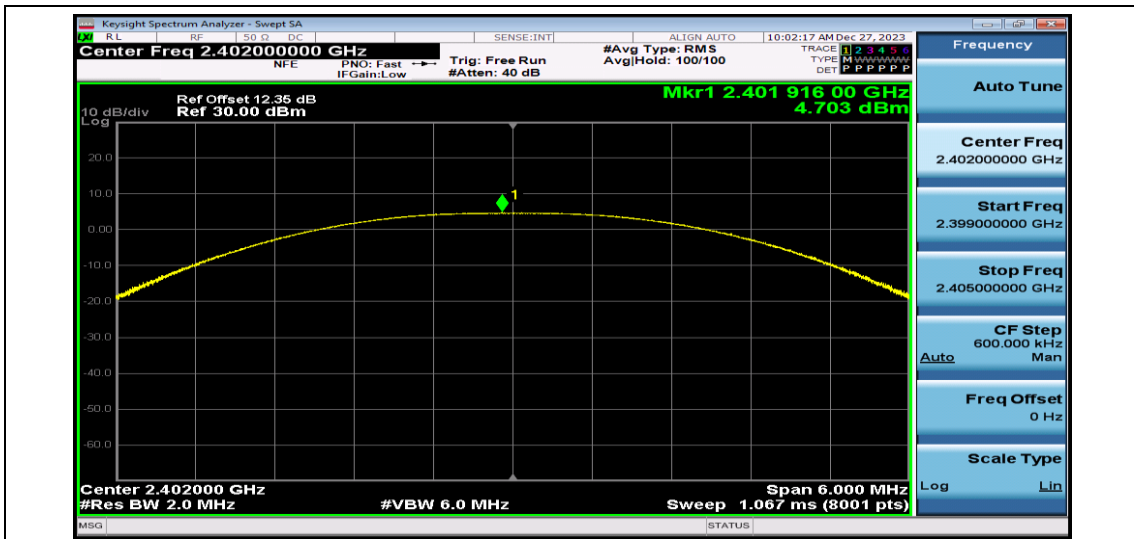
BLE_1M-Ant1-2480

Appendix A: Maximum conducted output power

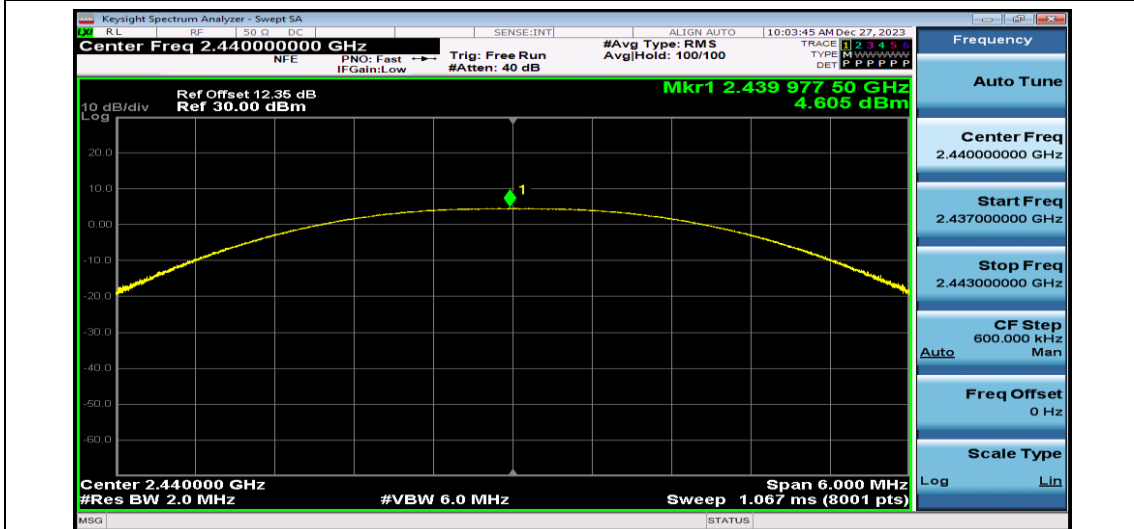
Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	4.70	≤30	7.02	≤36	PASS
BLE_1M	Ant1	2440	4.61	≤30	6.93	≤36	PASS
BLE_1M	Ant1	2480	4.36	≤30	6.68	≤36	PASS

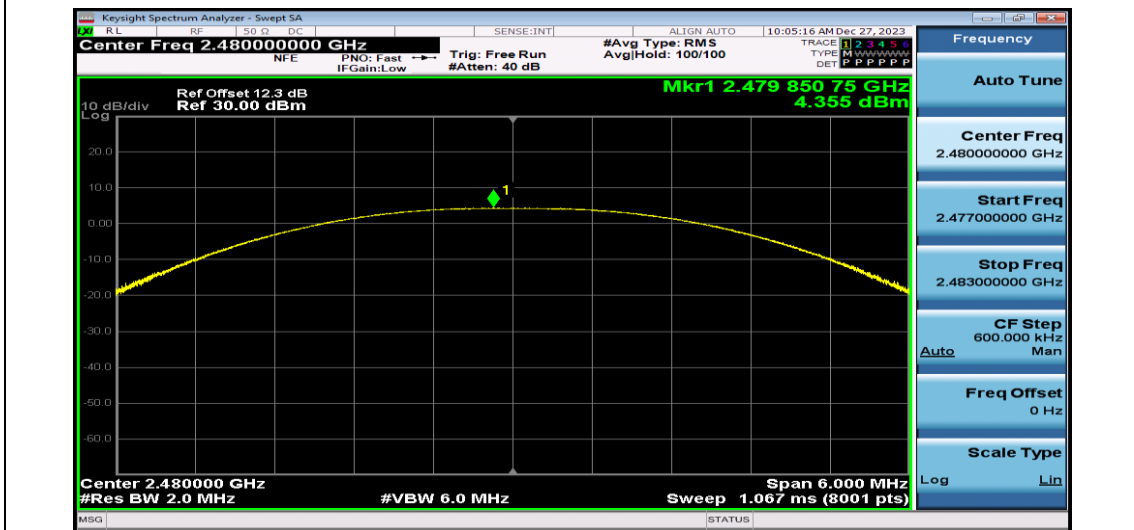
Test Graphs Peak



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



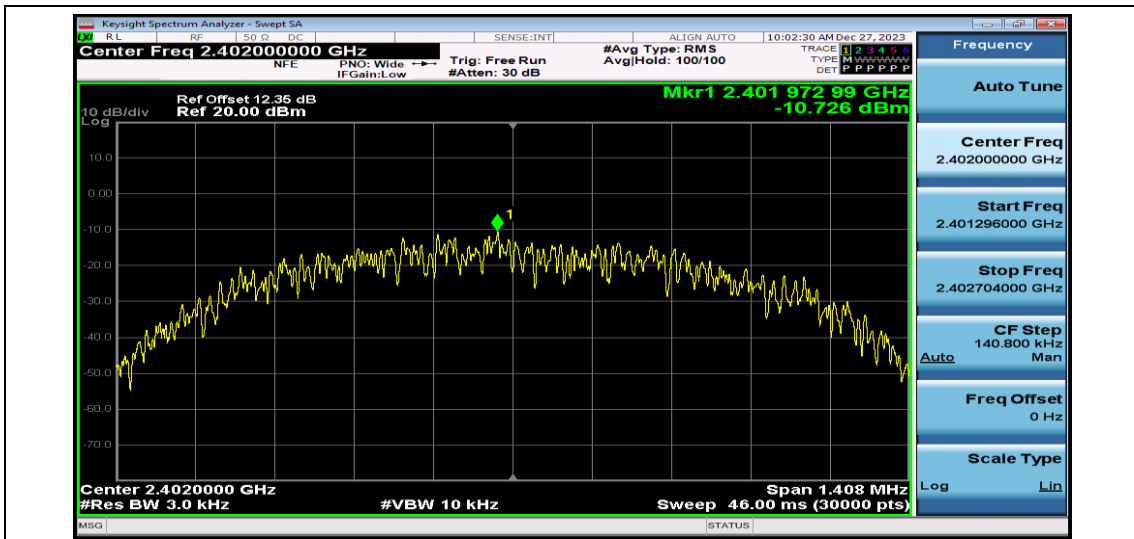
BLE_1M-Ant1-2480

Appendix A: Maximum power spectral density

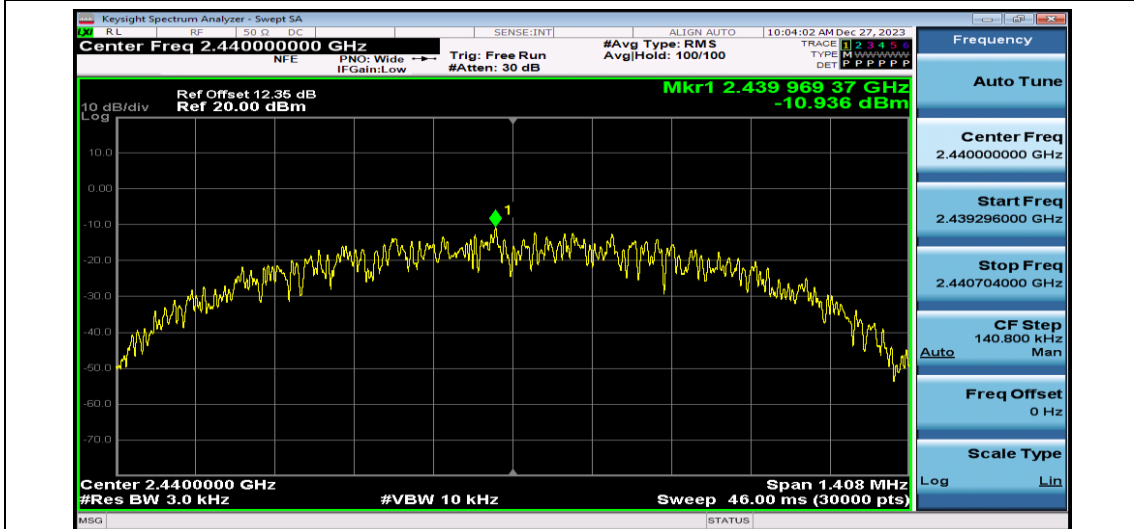
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-10.73	≤8.00	PASS
BLE_1M	Ant1	2440	-10.94	≤8.00	PASS
BLE_1M	Ant1	2480	-11.36	≤8.00	PASS

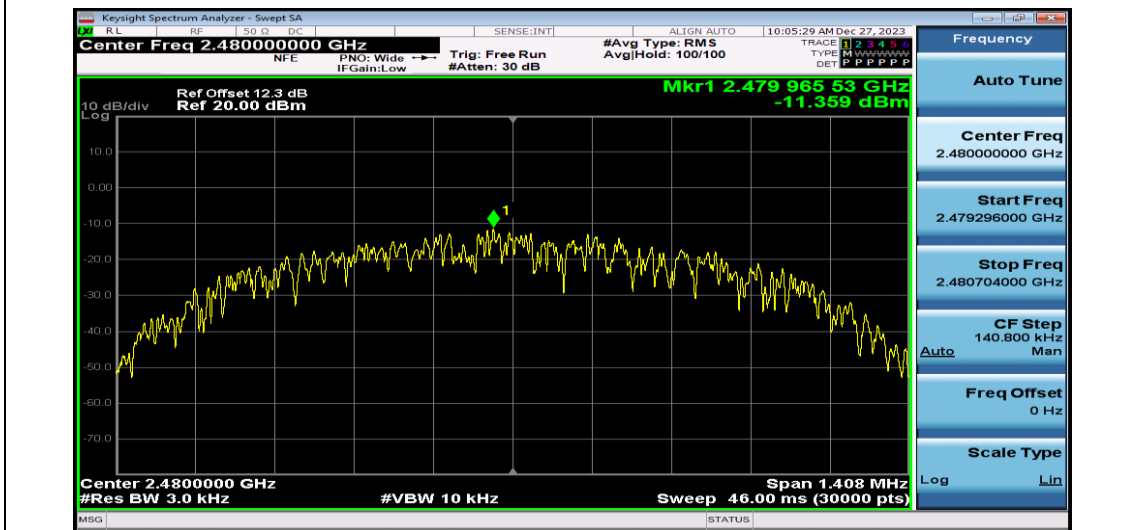
Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2440



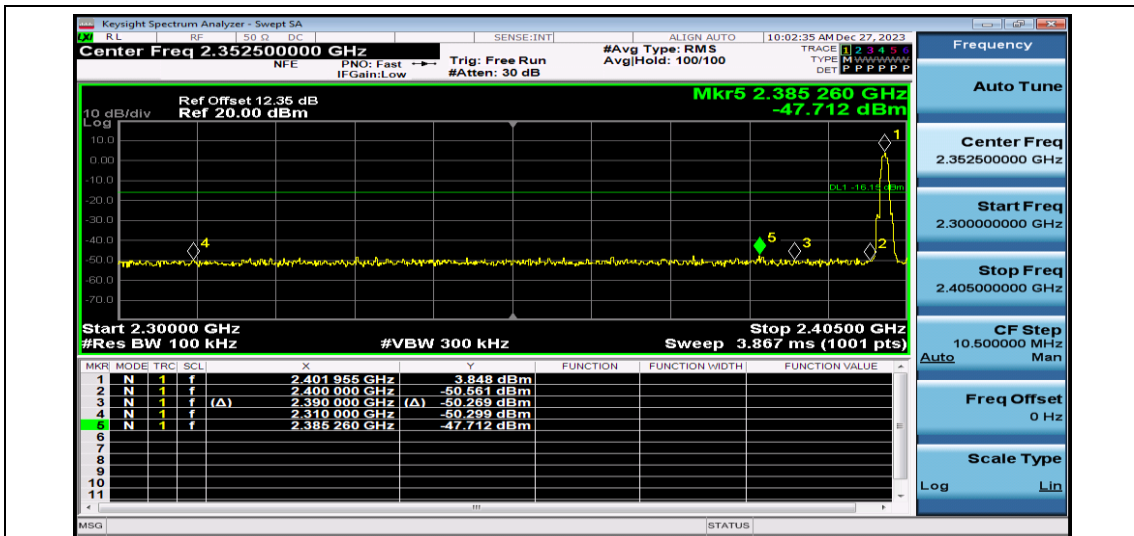
BLE_1M-Ant1-2480

Appendix A: Band edge measurements

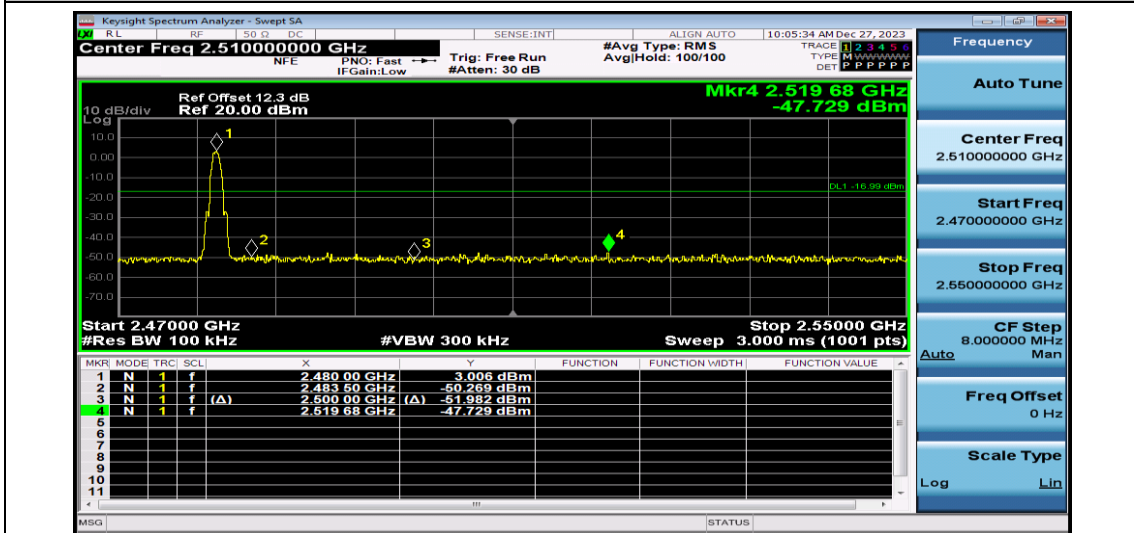
Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	3.85	-47.71	≤-16.15	PASS
BLE_1M	Ant1	High	2480	3.01	-47.73	≤-16.99	PASS

Test Graphs



BLE_1M-Ant1-2402



BLE_1M-Ant1-2480

Appendix A: Conducted Spurious Emission

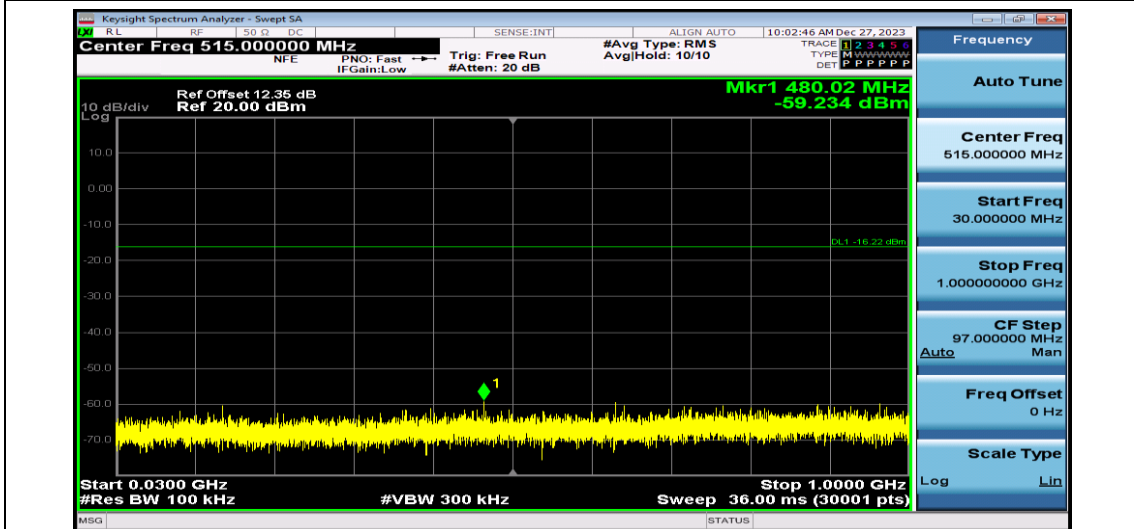
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	3.78	3.78	---	PASS
BLE_1M	Ant1	2402	30~1000	3.78	-59.23	≤-16.22	PASS
BLE_1M	Ant1	2402	1000~26500	3.78	-51.07	≤-16.22	PASS
BLE_1M	Ant1	2440	0~Reference	3.68	3.68	---	PASS
BLE_1M	Ant1	2440	30~1000	3.68	-59.48	≤-16.32	PASS
BLE_1M	Ant1	2440	1000~26500	3.68	-51.55	≤-16.32	PASS
BLE_1M	Ant1	2480	0~Reference	3.40	3.40	---	PASS
BLE_1M	Ant1	2480	30~1000	3.40	-60.03	≤-16.6	PASS
BLE_1M	Ant1	2480	1000~26500	3.40	-51.74	≤-16.6	PASS

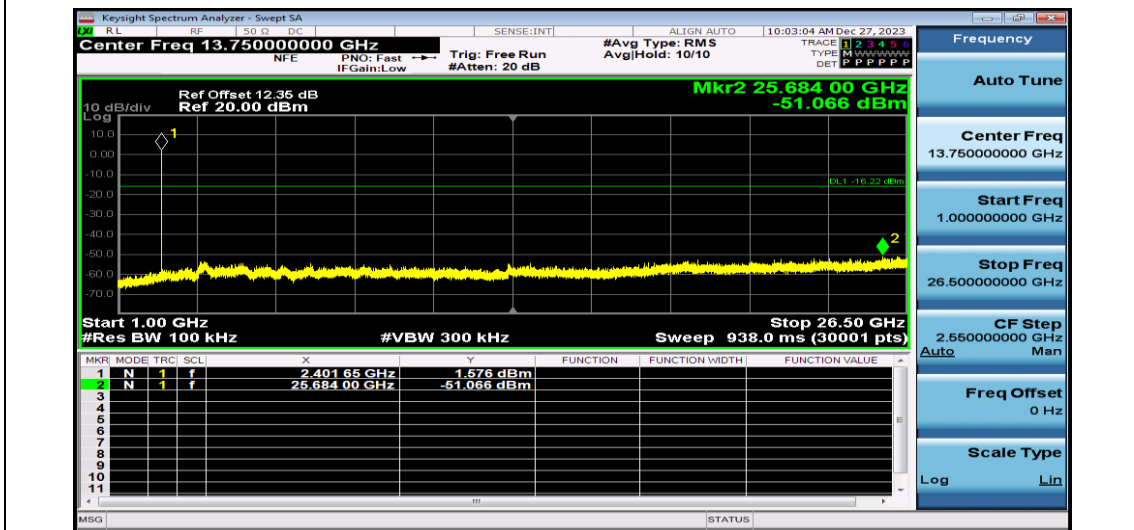
Test Graphs



BLE_1M-Ant1-2402-0~Reference



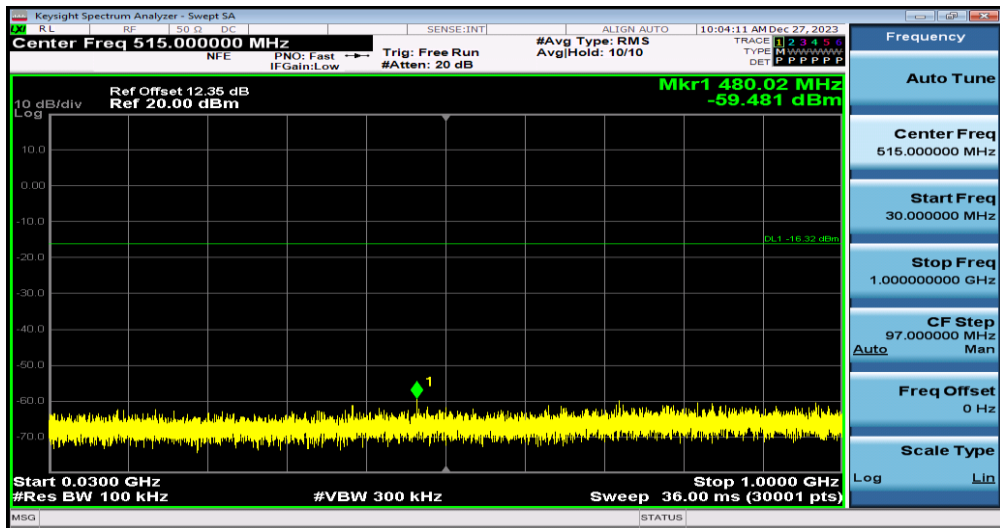
BLE_1M-Ant1-2402-30~1000



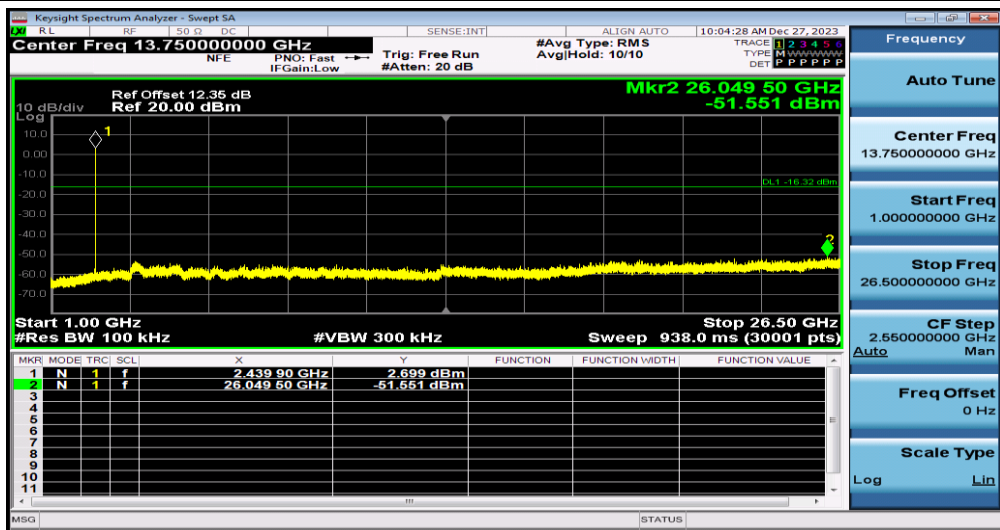
BLE_1M-Ant1-2402-1000~26500



BLE_1M-Ant1-2440-0~Reference



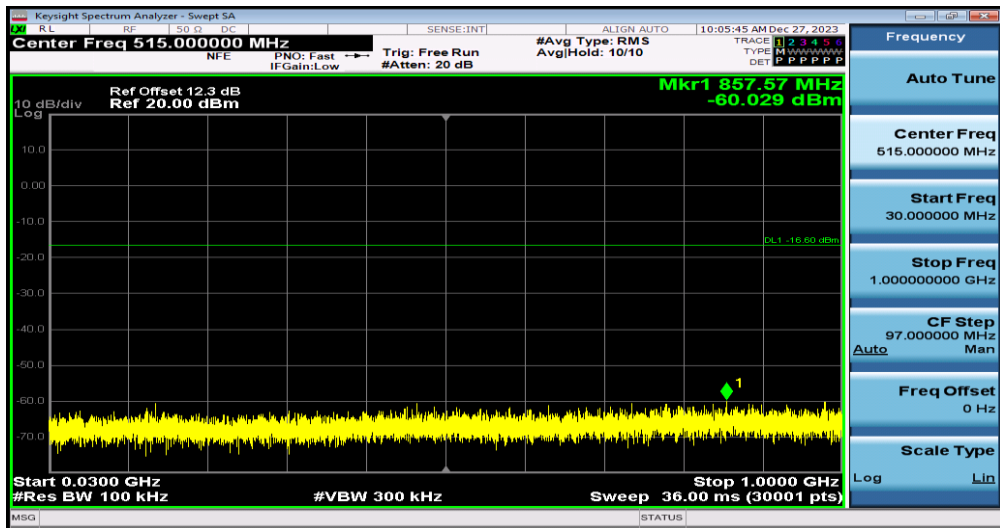
BLE_1M-Ant1-2440-30~1000



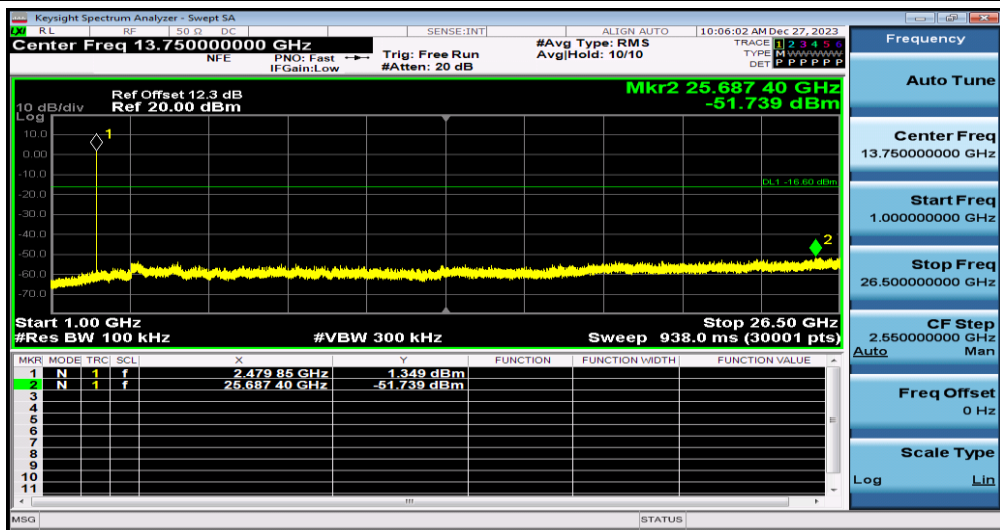
BLE_1M-Ant1-2440-1000~26500



BLE_1M-Ant1-2480-0~Reference



BLE_1M-Ant1-2480-30~1000



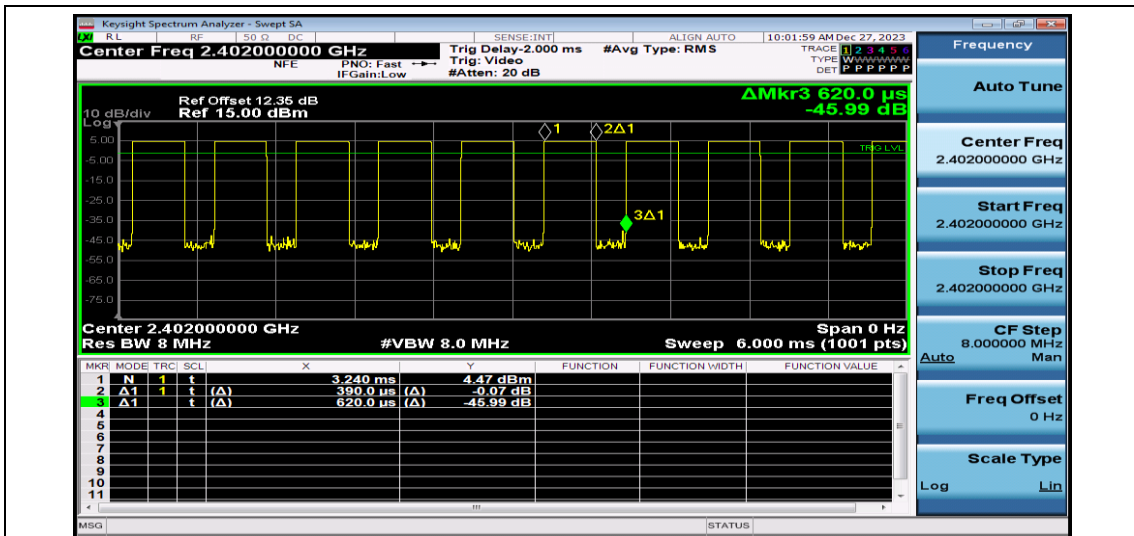
BLE_1M-Ant1-2480-1000~26500

Appendix H: Duty Cycle

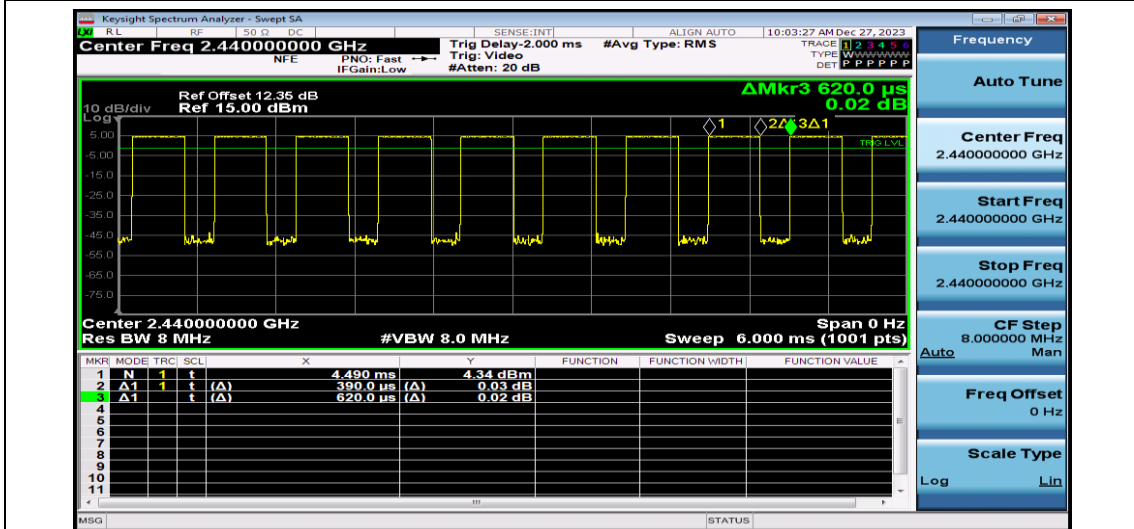
Test Result

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

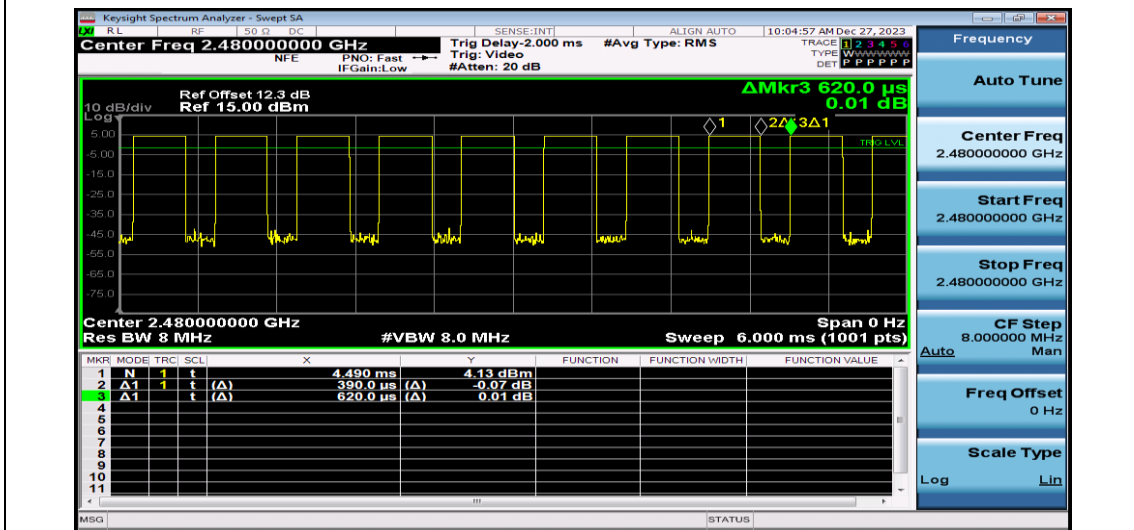
Test Graphs



NTNV-BLE_1M-Ant1-2402



NTNV-BLE_1M-Ant1-2440



NTNV-BLE_1M-Ant1-2480