

Appendix Test Data

Report No:	182512C400497102	Test Sample NO:	1-2-2
Start Test Date:	2024.8.8	Finish Test Date:	2024.8.9
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	22.2℃	Relative Humidity:	45%
Pressure:	101 kPa		

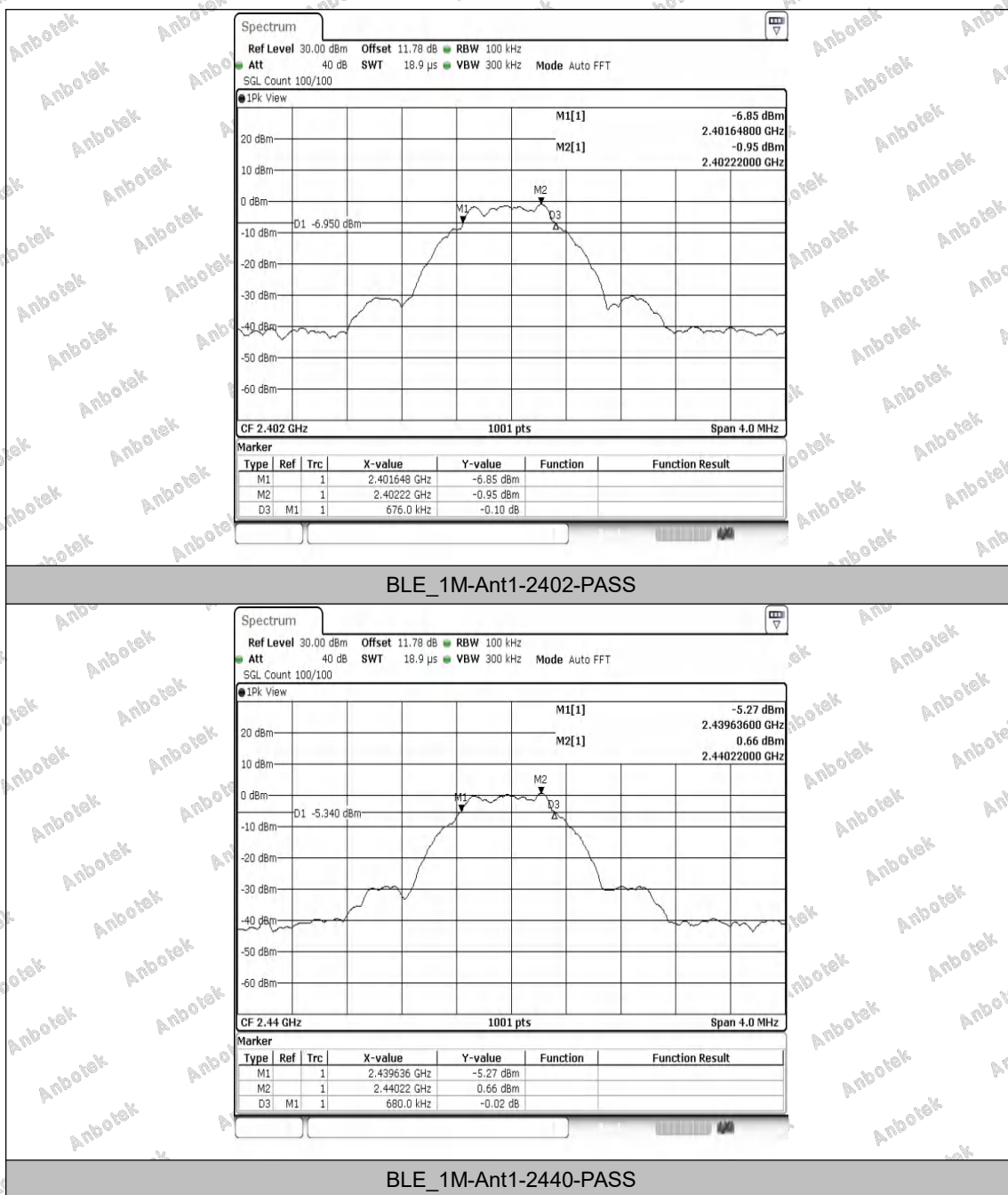
Appendix A: DTS Bandwidth

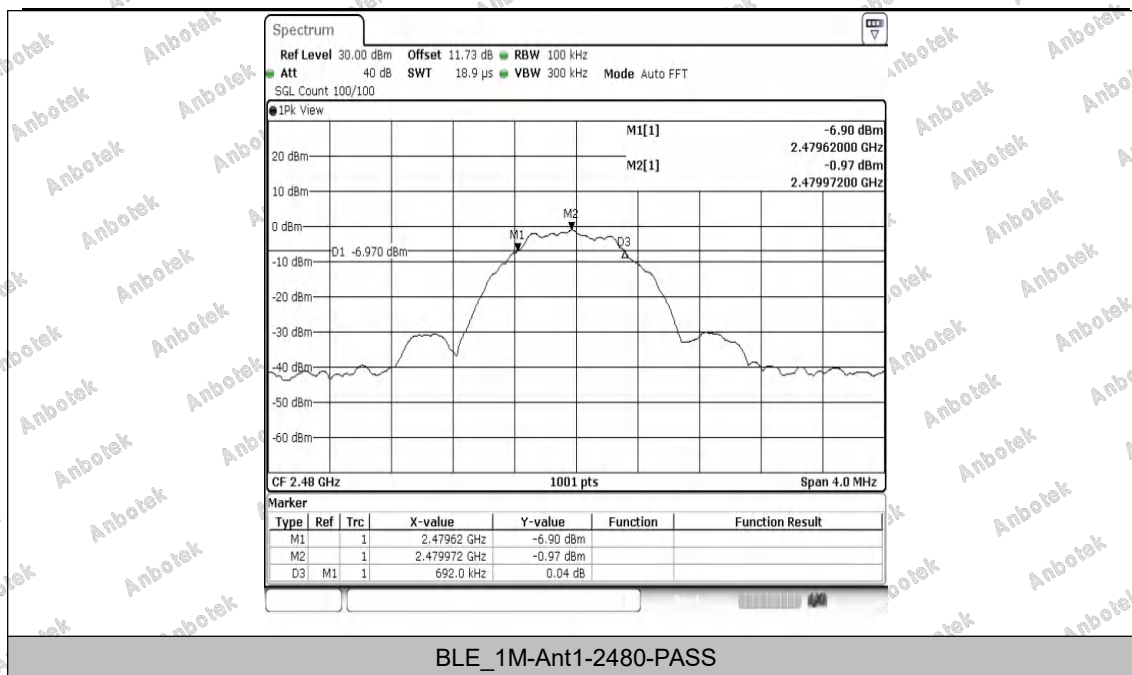
Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.68	2401.65	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.68	2439.64	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.69	2479.62	2480.31	0.5	PASS



Test Graphs





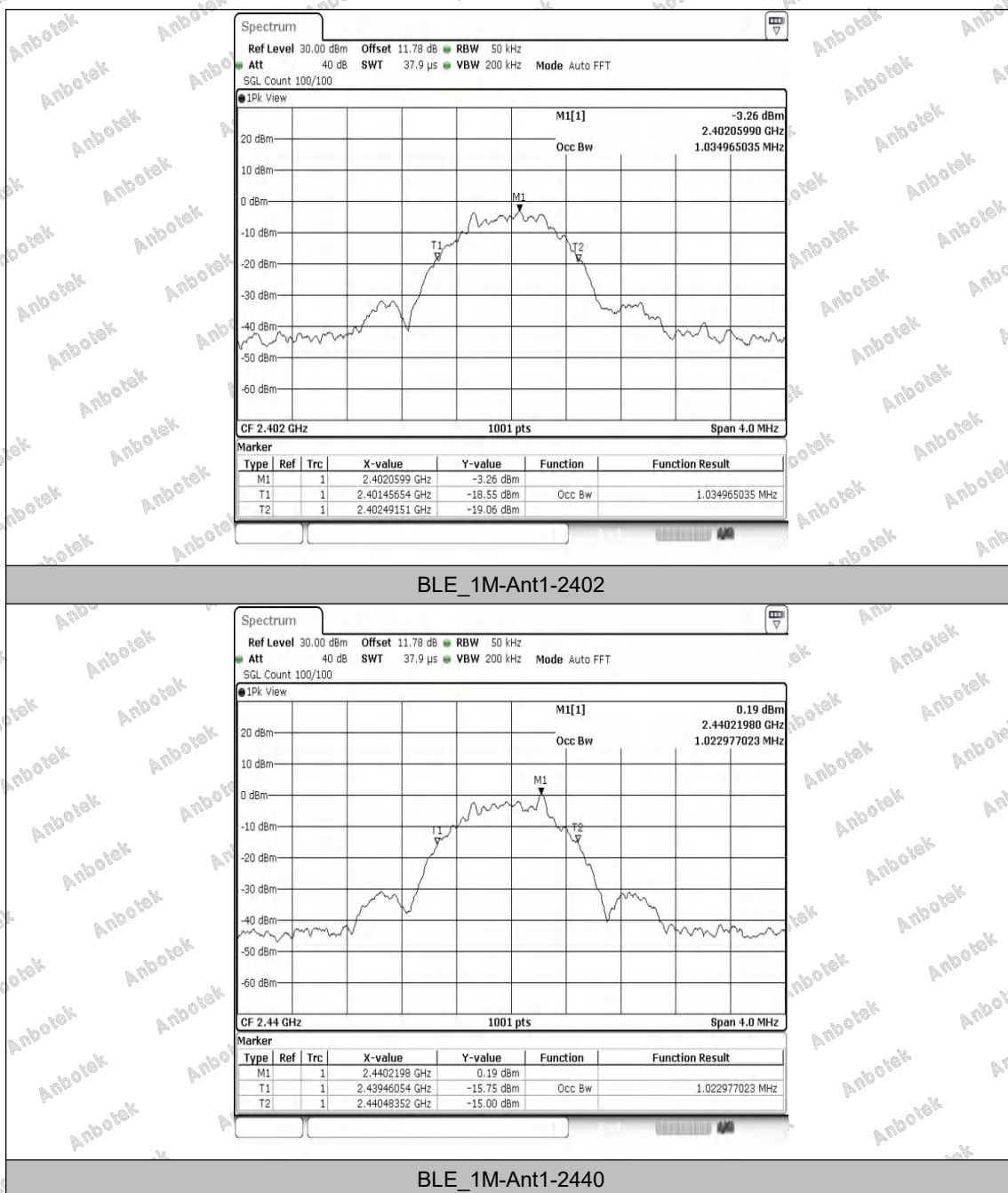
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.035	2401.4565	2402.4915	---	---
BLE_1M	Ant1	2440	1.023	2439.4605	2440.4835	---	---
BLE_1M	Ant1	2480	1.039	2479.4565	2480.4955	---	---



Test Graphs





Appendix C: 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	0.17	≤30	0.17	≤36	PASS
BLE_1M	Ant1	2440	1.56	≤30	1.56	≤36	PASS
BLE_1M	Ant1	2480	0.27	≤30	0.27	≤36	PASS

Test Graphs Peak



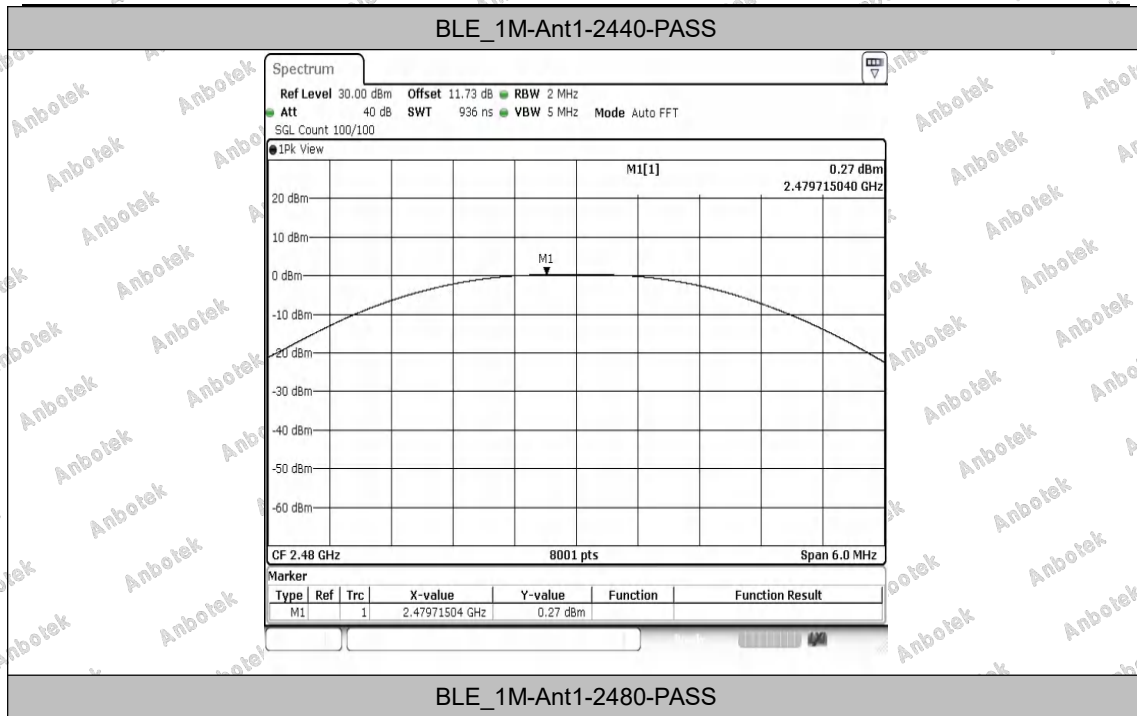
Shenzhen Anbotek Compliance Laboratory Limited

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Appendix D: Maximum power spectral density

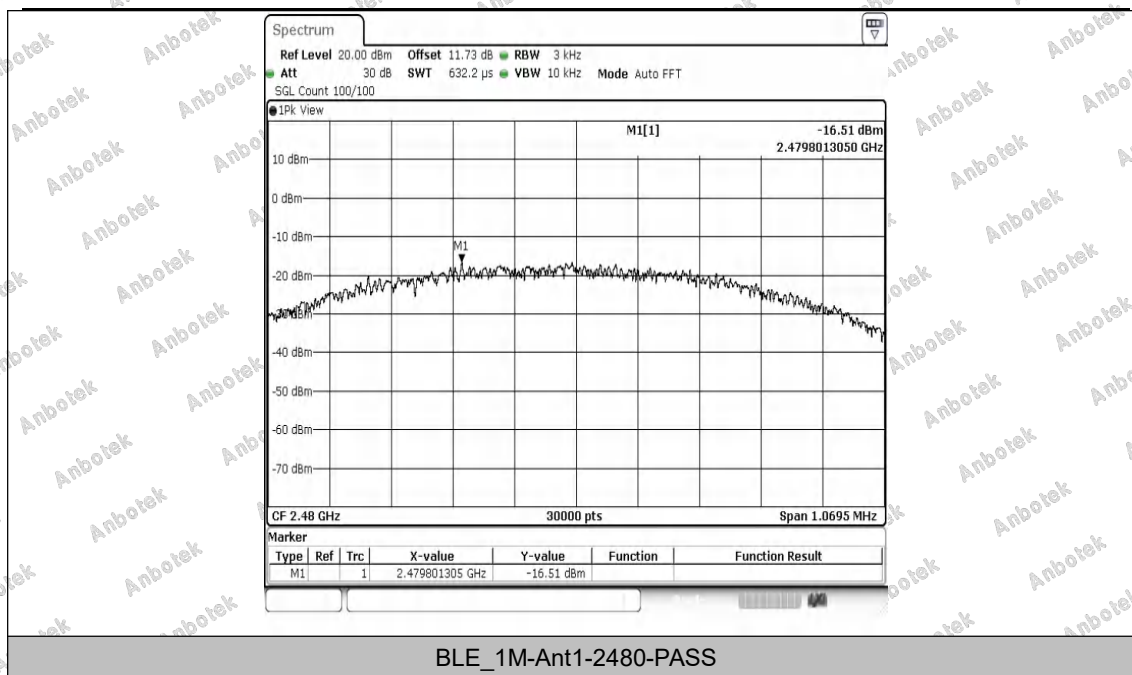
Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-16.91	≤8.00	PASS
BLE_1M	Ant1	2440	-15.37	≤8.00	PASS
BLE_1M	Ant1	2480	-16.51	≤8.00	PASS



Test Graphs





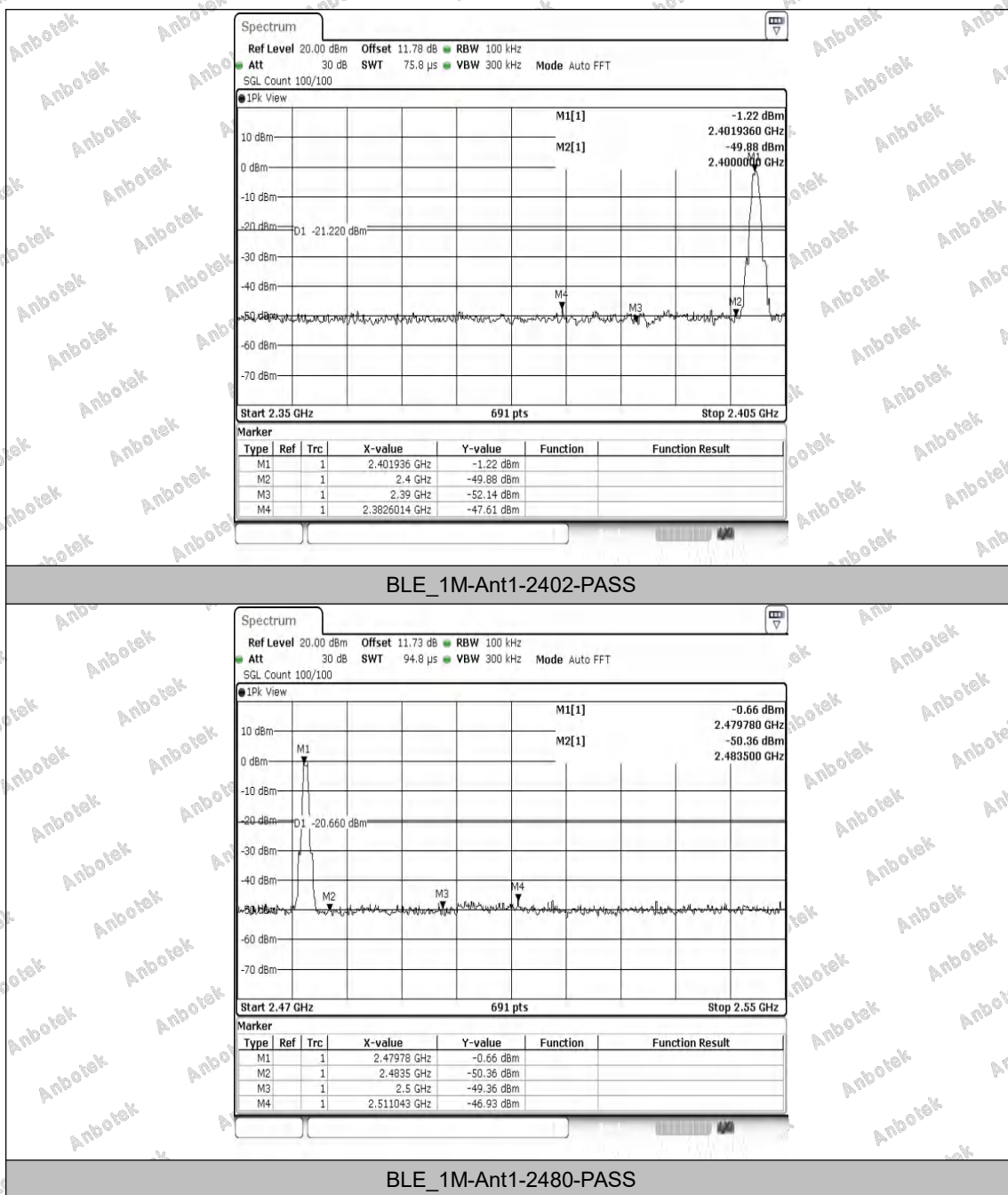
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-1.22	-47.61	≤-21.22	PASS
BLE_1M	Ant1	High	2480	-0.66	-46.93	≤-20.66	PASS



Test Graphs



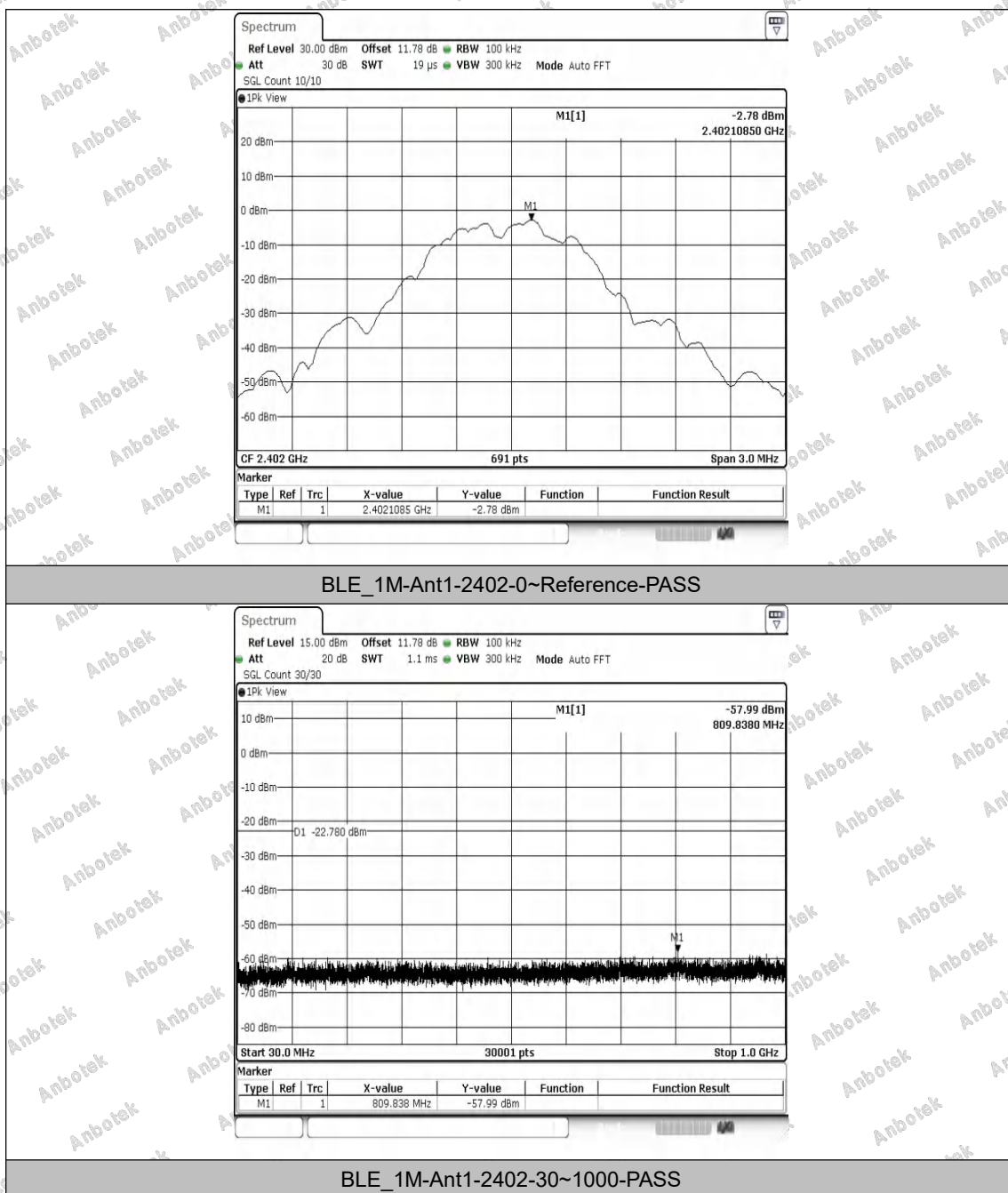
Appendix G: Conducted Spurious Emission

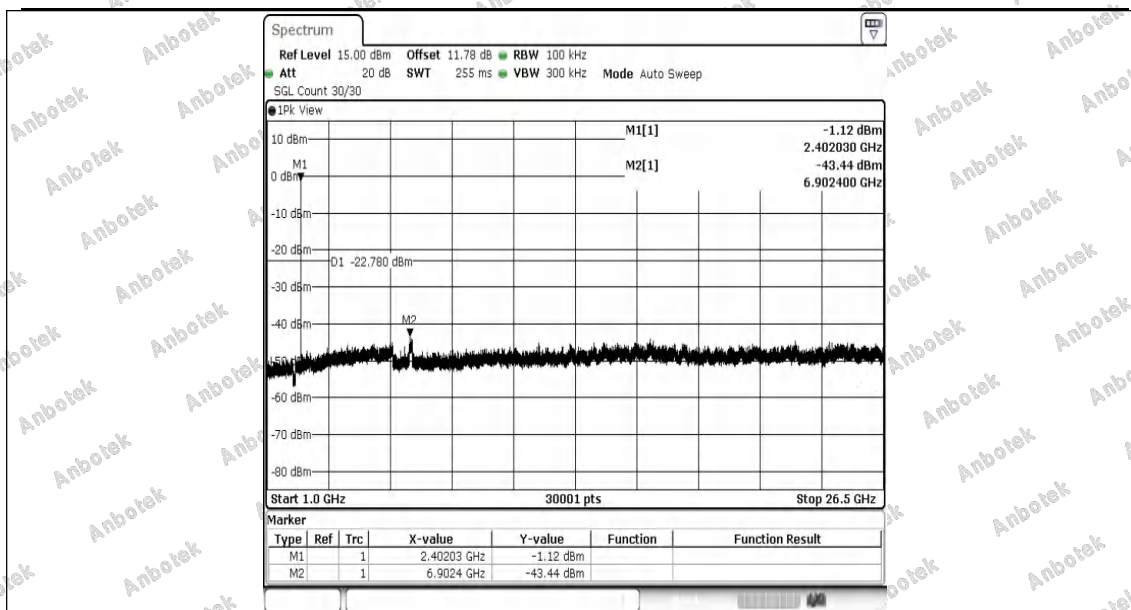
Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.78	-2.78	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.78	-57.99	≤-22.78	PASS
BLE_1M	Ant1	2402	1000~26500	-2.78	-43.44	≤-22.78	PASS
BLE_1M	Ant1	2440	0~Reference	-0.97	-0.97	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.97	-57.31	≤-20.97	PASS
BLE_1M	Ant1	2440	1000~26500	-0.97	-44.23	≤-20.97	PASS
BLE_1M	Ant1	2480	0~Reference	-1.04	-1.04	---	PASS
BLE_1M	Ant1	2480	30~1000	-1.04	-57.74	≤-21.04	PASS
BLE_1M	Ant1	2480	1000~26500	-1.04	-42.85	≤-21.04	PASS

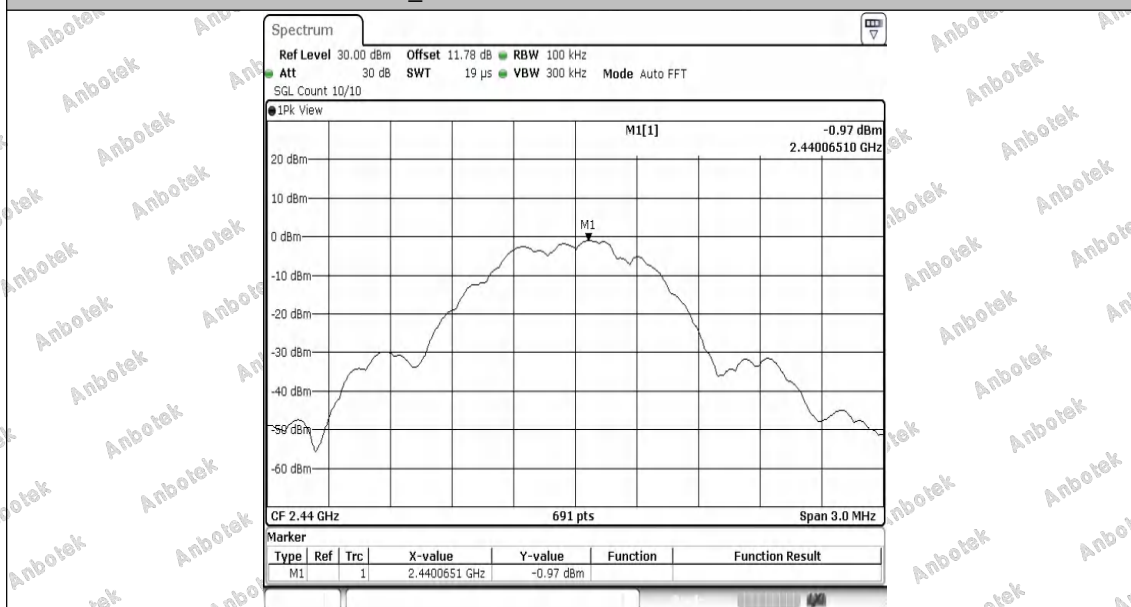


Test Graphs



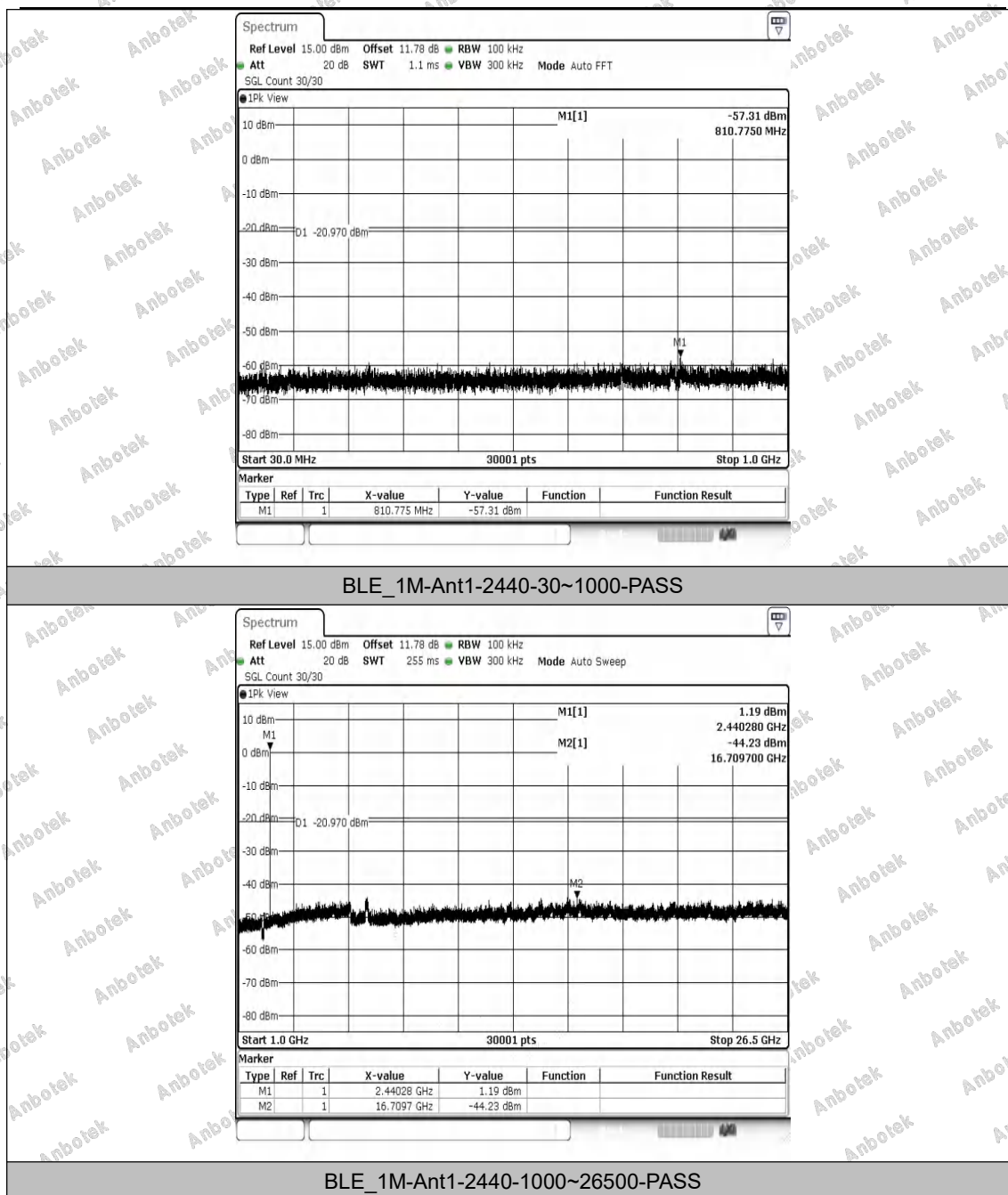


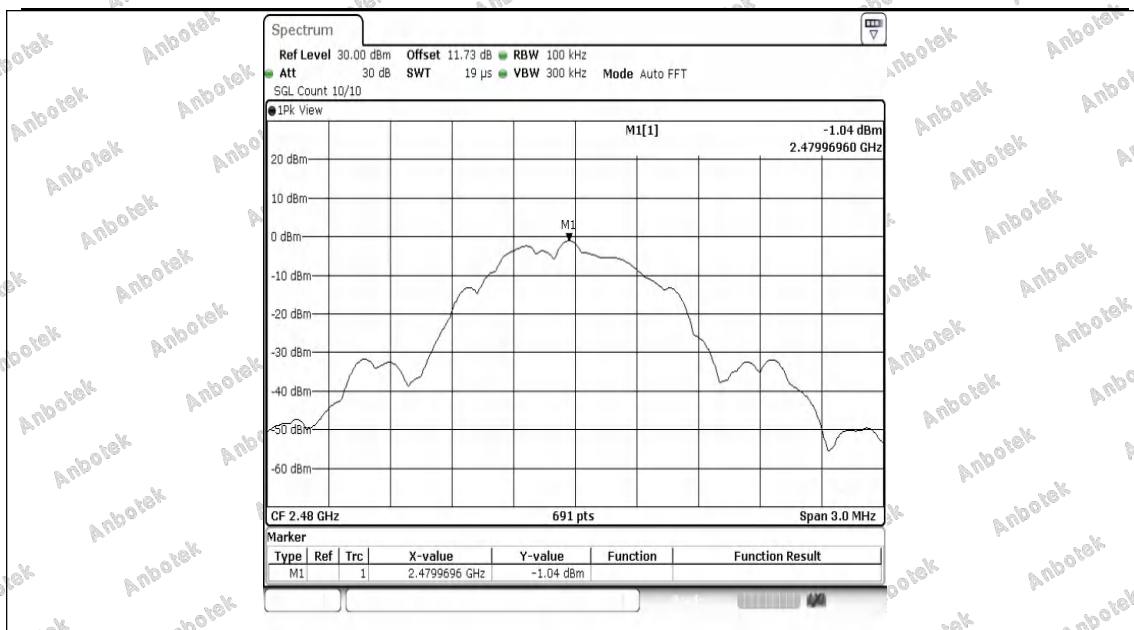
BLE_1M-Ant1-2402-1000~26500-PASS



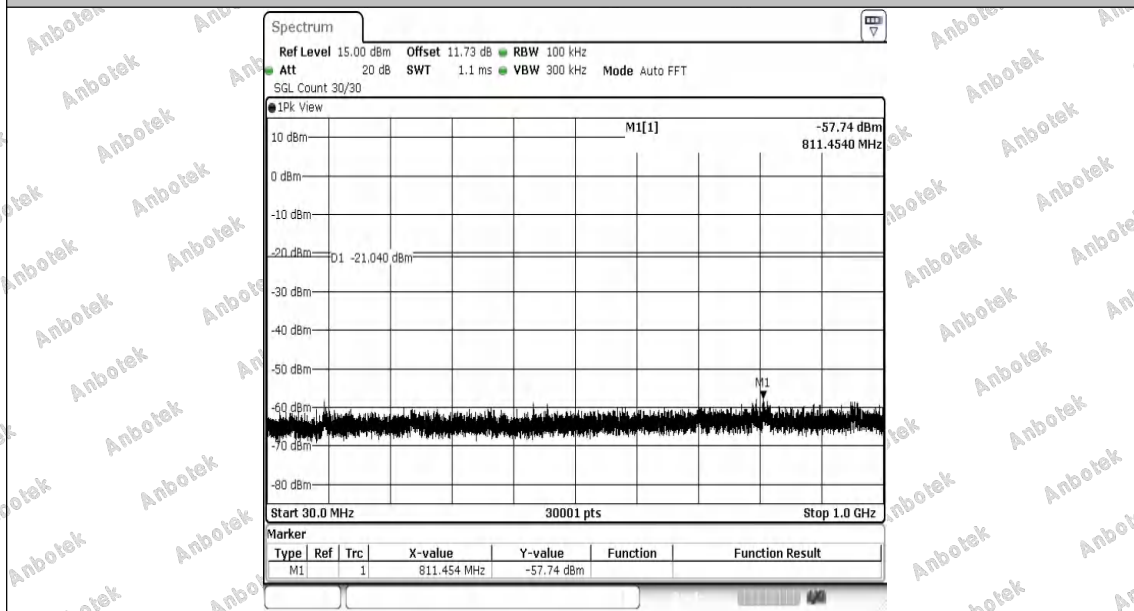
BLE_1M-Ant1-2440-0~Reference-PASS





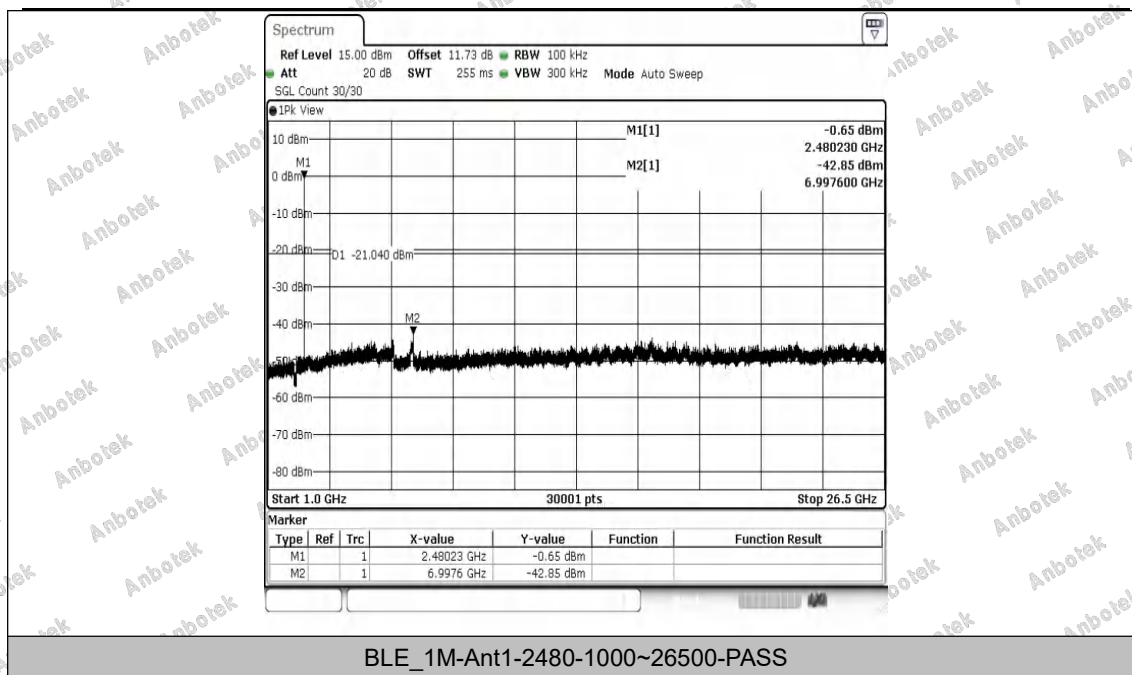


BLE_1M-Ant1-2480-0~Reference-PASS



BLE_1M-Ant1-2480-30~1000-PASS





Appendix H: Duty Cycle

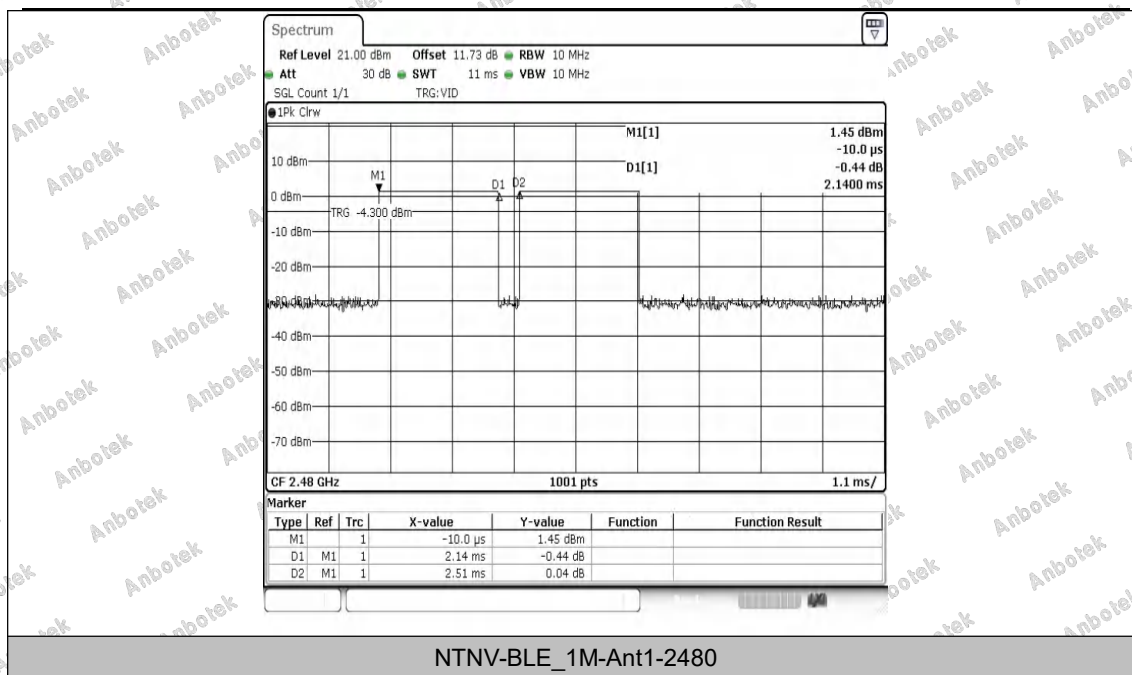
Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	2.13	2.51	84.86	0.71
BLE_1M	Ant1	2440	2.12	2.50	84.80	0.72
BLE_1M	Ant1	2480	2.14	2.51	85.26	0.69



Test Graphs





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