

Appendix Test Data

Report No:	182513C400036102	Test Sample NO:	1-2-2
Start Test Date:	2024.6.29	Finish Test Date:	2024.6.29
Test Engineer:	Joker Wang	Auditor:	Justin Feng
Temperature:	26.3℃	Relative Humidity:	45%
Pressure:	101 kPa		

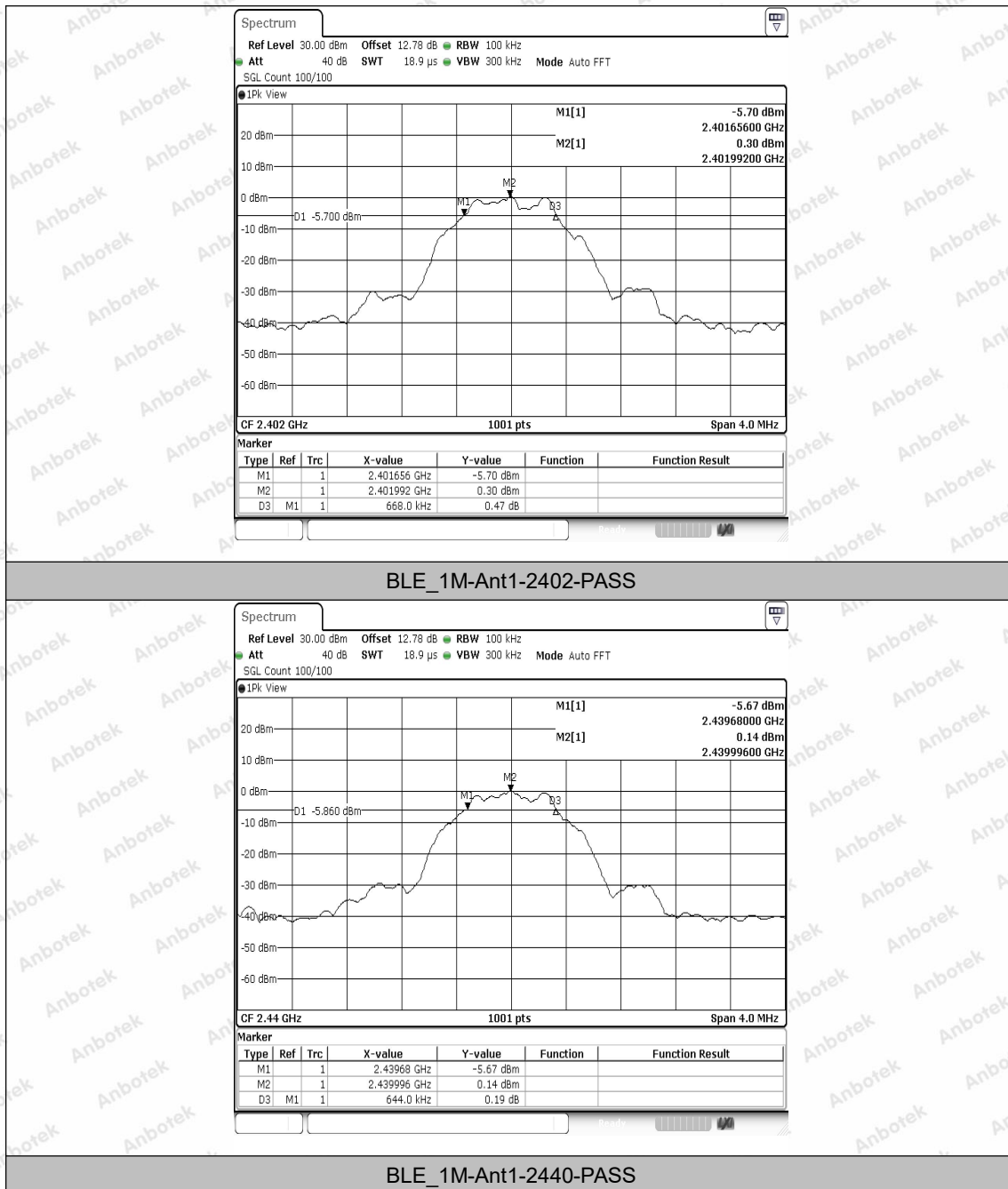
Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.67	2401.66	2402.32	0.5	PASS
BLE_1M	Ant1	2440	0.64	2439.68	2440.32	0.5	PASS
BLE_1M	Ant1	2480	0.67	2479.65	2480.32	0.5	PASS



Test Graphs



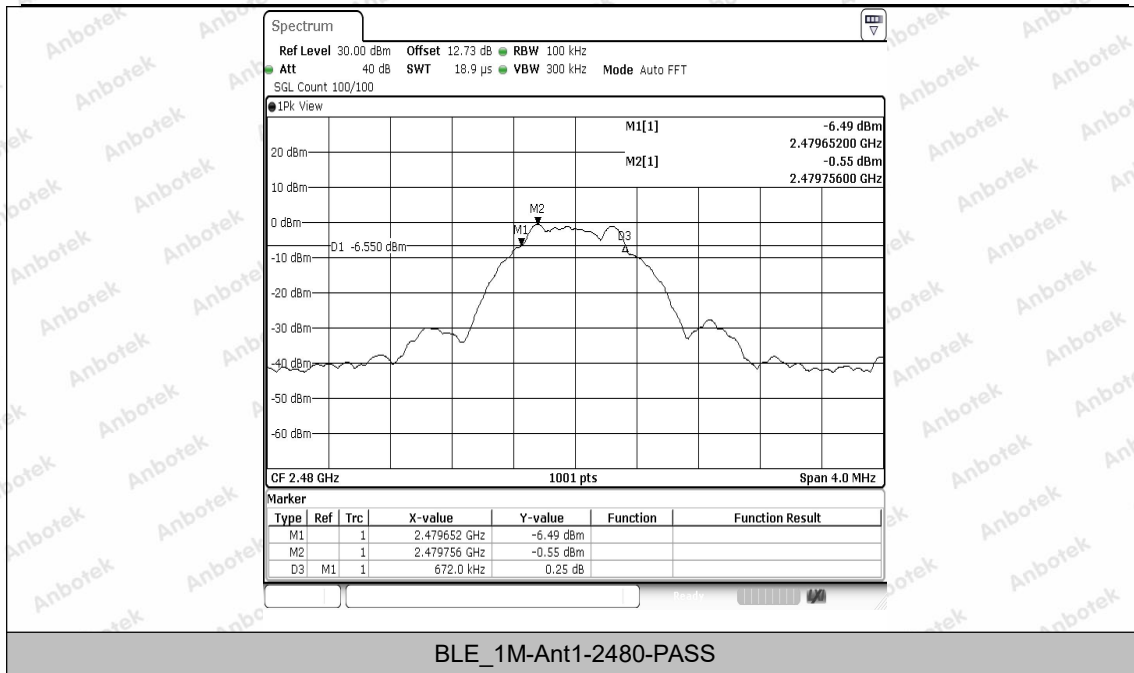
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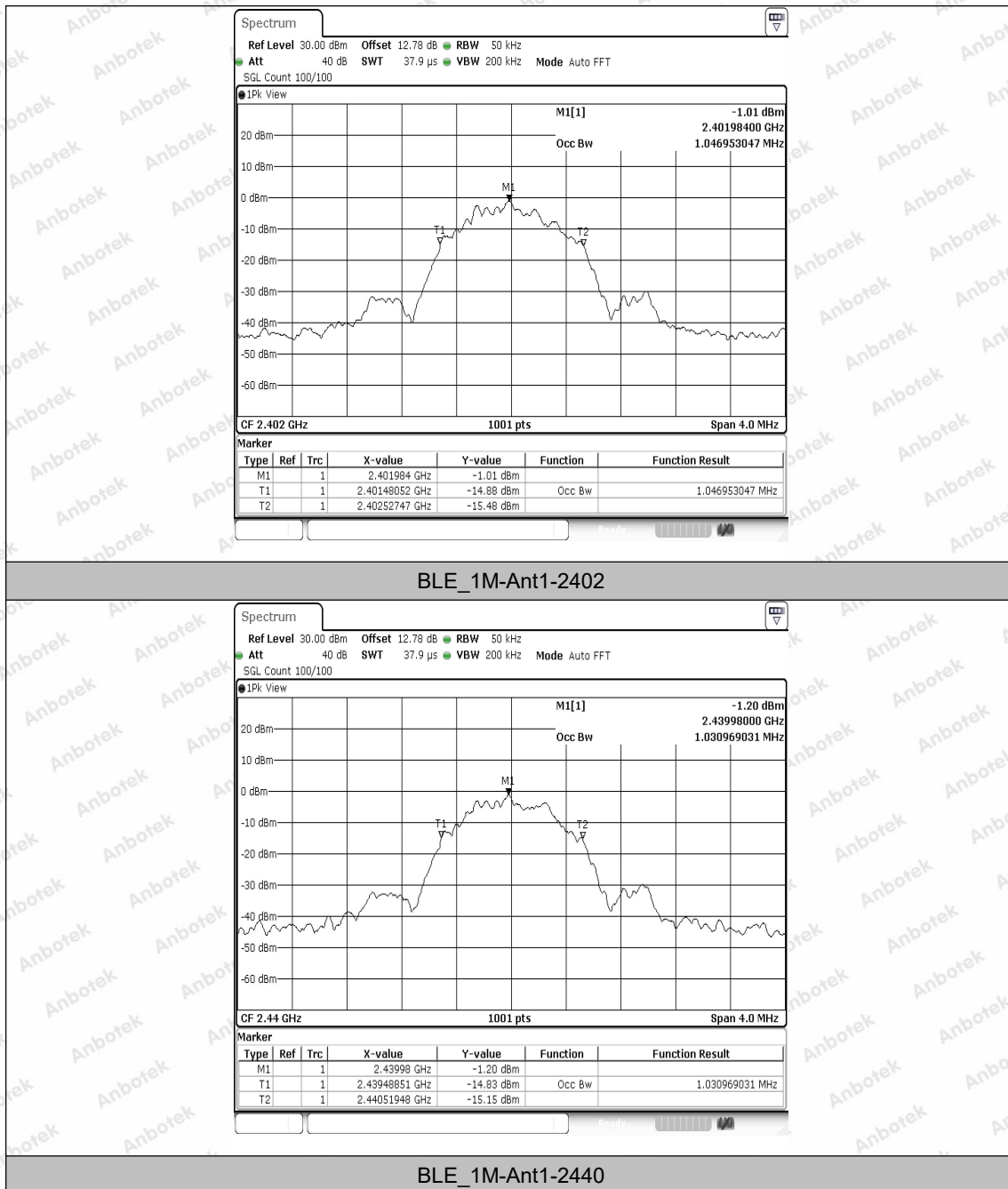
Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.047	2401.4805	2402.5275	---	---
BLE_1M	Ant1	2440	1.031	2439.4885	2440.5195	---	---
BLE_1M	Ant1	2480	1.031	2479.4885	2480.5195	---	---



Test Graphs



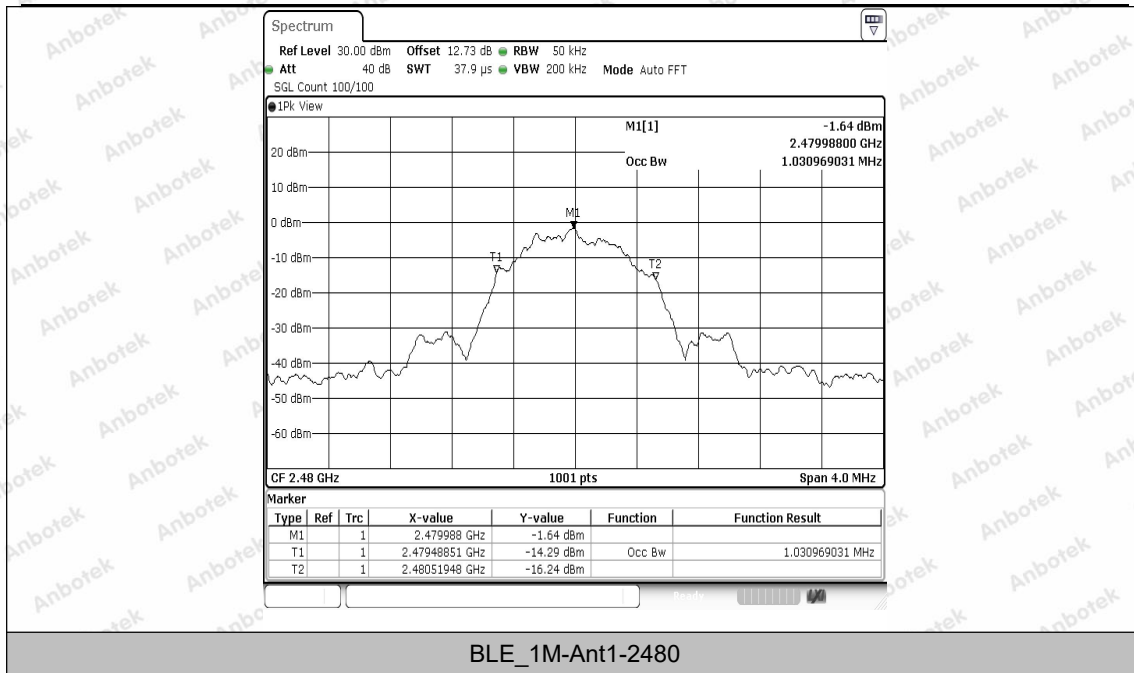
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Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	Verdict
BLE_1M	Ant1	2402	1.12	≤30	-2.90	PASS
BLE_1M	Ant1	2440	0.79	≤30	-3.23	PASS
BLE_1M	Ant1	2480	0.61	≤30	-3.41	PASS

Test Graphs Peak



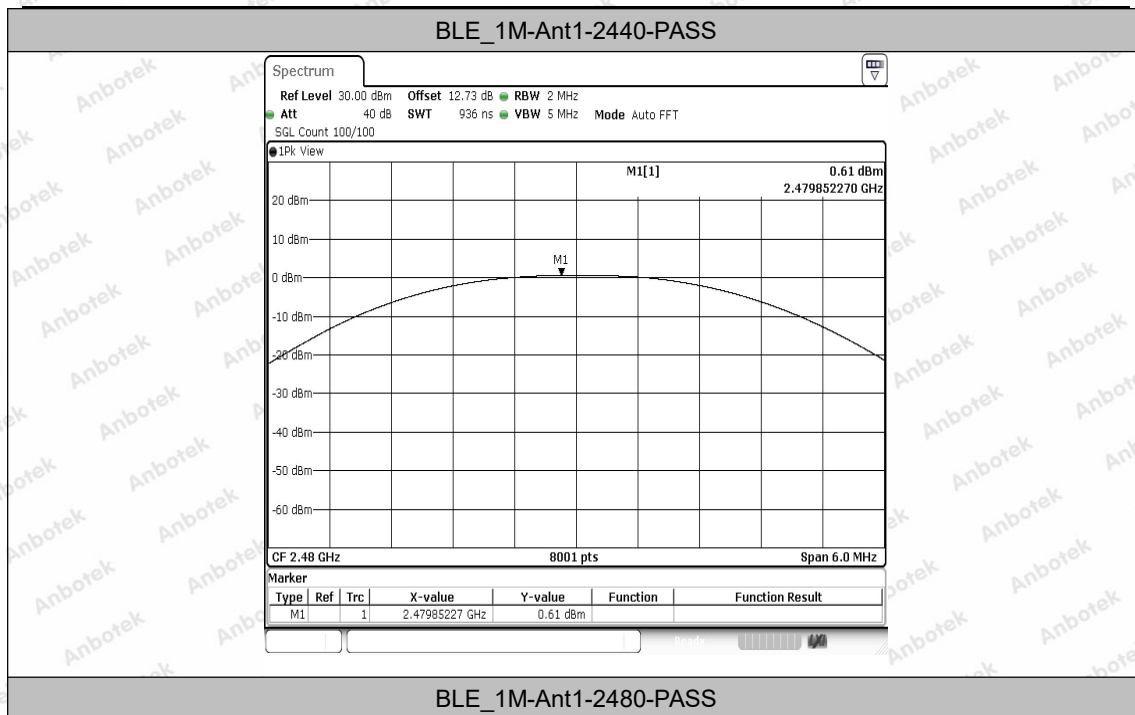
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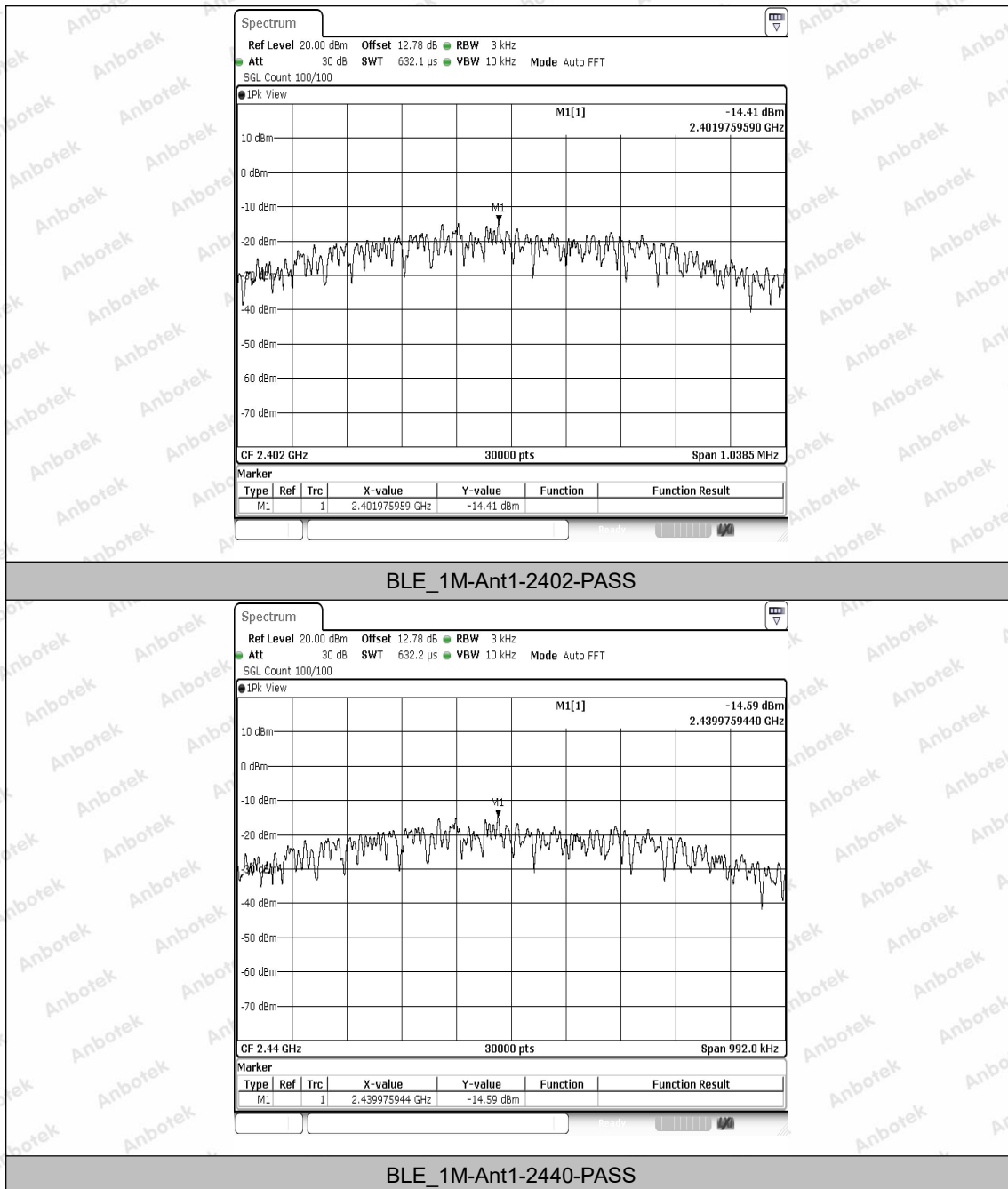
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.41	≤8.00	PASS
BLE_1M	Ant1	2440	-14.59	≤8.00	PASS
BLE_1M	Ant1	2480	-14.88	≤8.00	PASS



Test Graphs



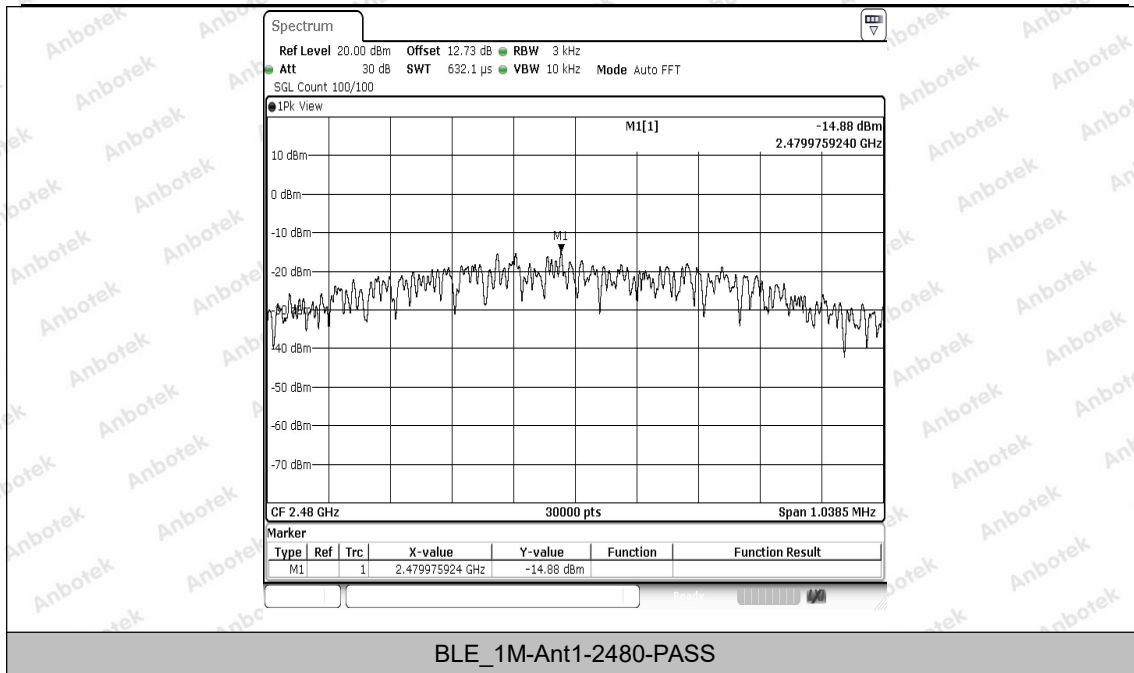
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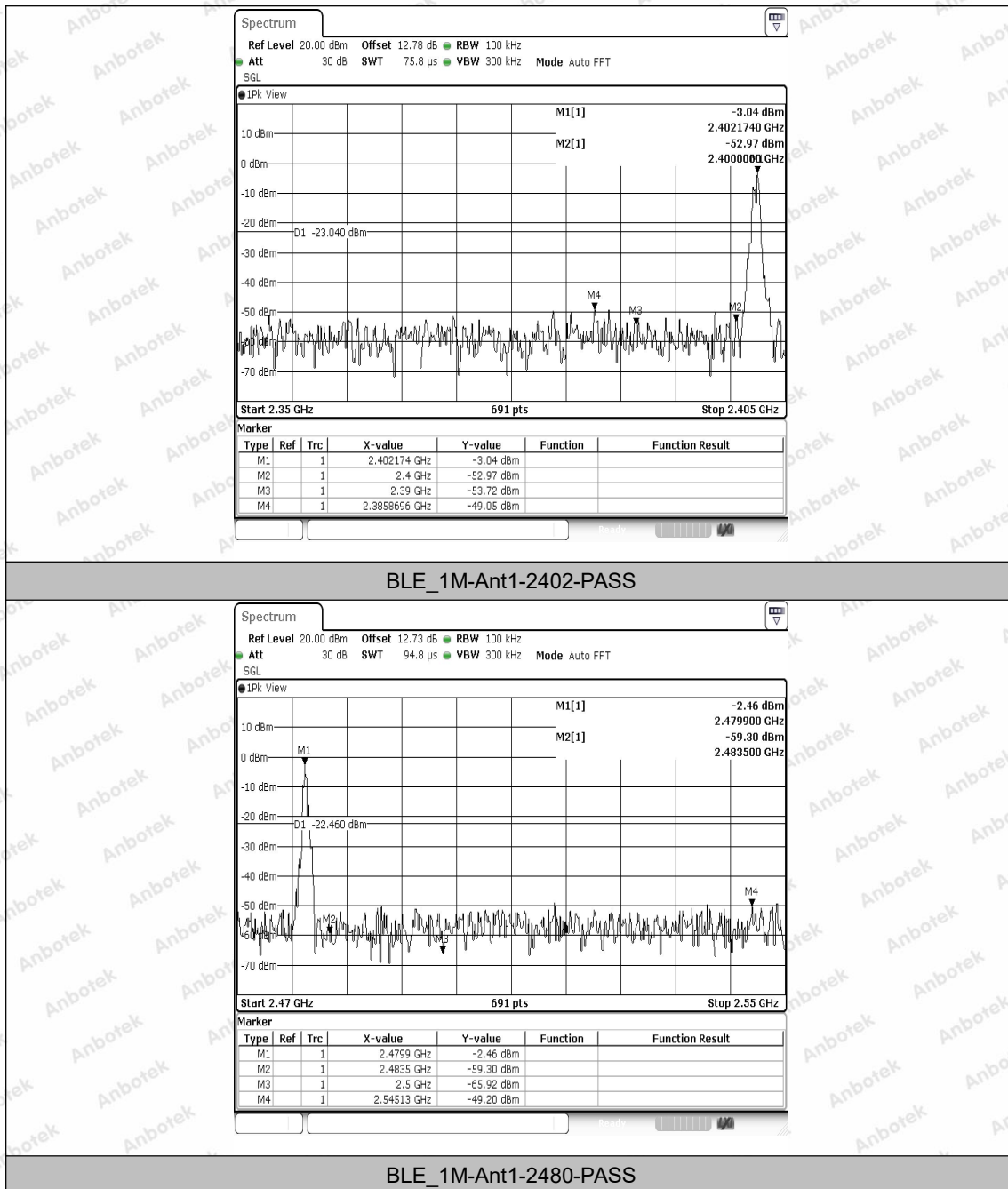
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	Channel	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-3.04	-49.05	≤-23.04	PASS
BLE_1M	Ant1	High	2480	-2.46	-49.2	≤-22.46	PASS



Test Graphs



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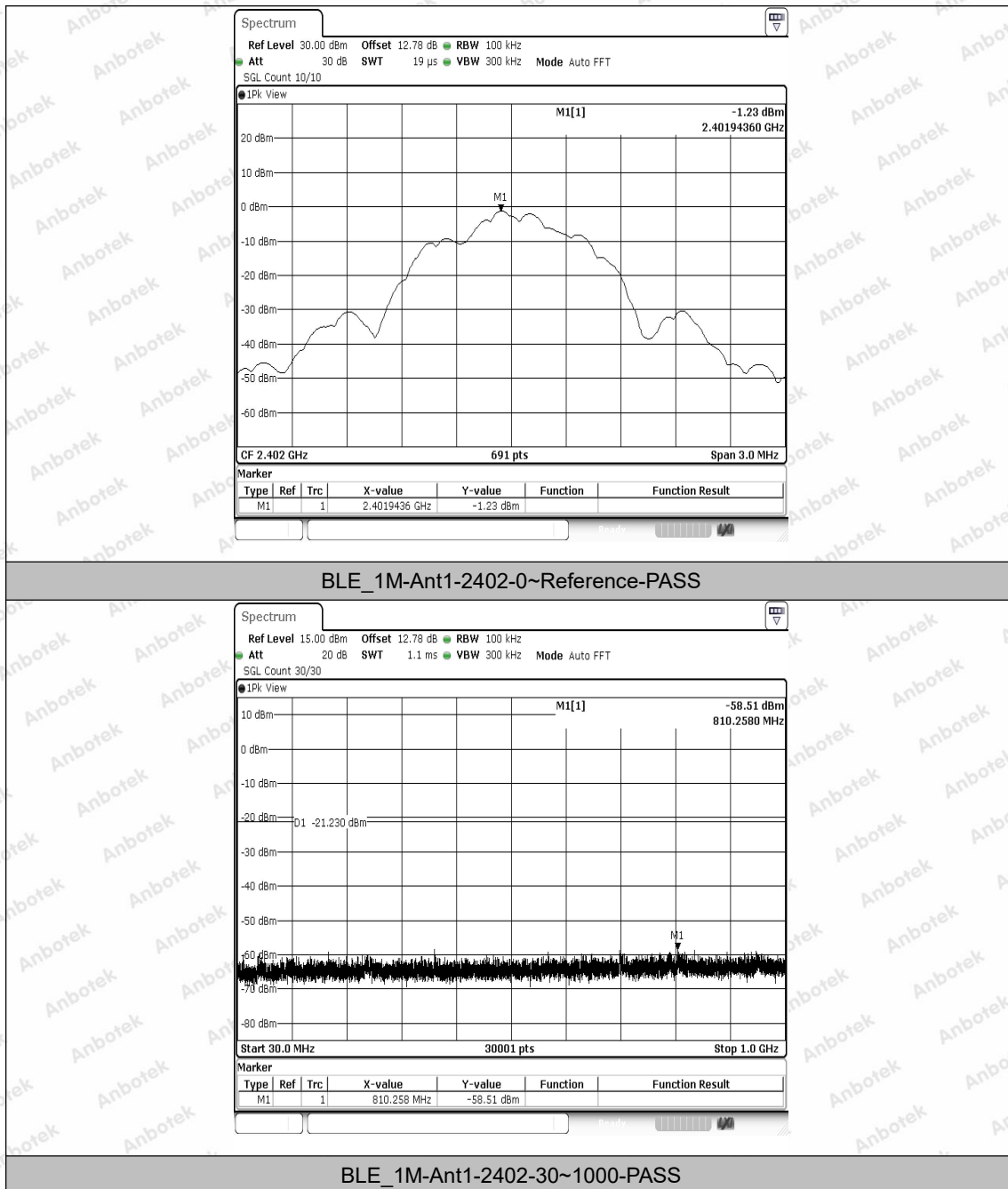
Appendix G: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-1.23	-1.23	---	PASS
BLE_1M	Ant1	2402	30~1000	-1.23	-58.51	≤-21.23	PASS
BLE_1M	Ant1	2402	1000~26500	-1.23	-50.49	≤-21.23	PASS
BLE_1M	Ant1	2440	0~Reference	-1.64	-1.64	---	PASS
BLE_1M	Ant1	2440	30~1000	-1.64	-57.32	≤-21.64	PASS
BLE_1M	Ant1	2440	1000~26500	-1.64	-49.12	≤-21.64	PASS
BLE_1M	Ant1	2480	0~Reference	-0.10	-0.10	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.10	-57.48	≤-20.1	PASS
BLE_1M	Ant1	2480	1000~26500	-0.10	-50.23	≤-20.1	PASS



Test Graphs



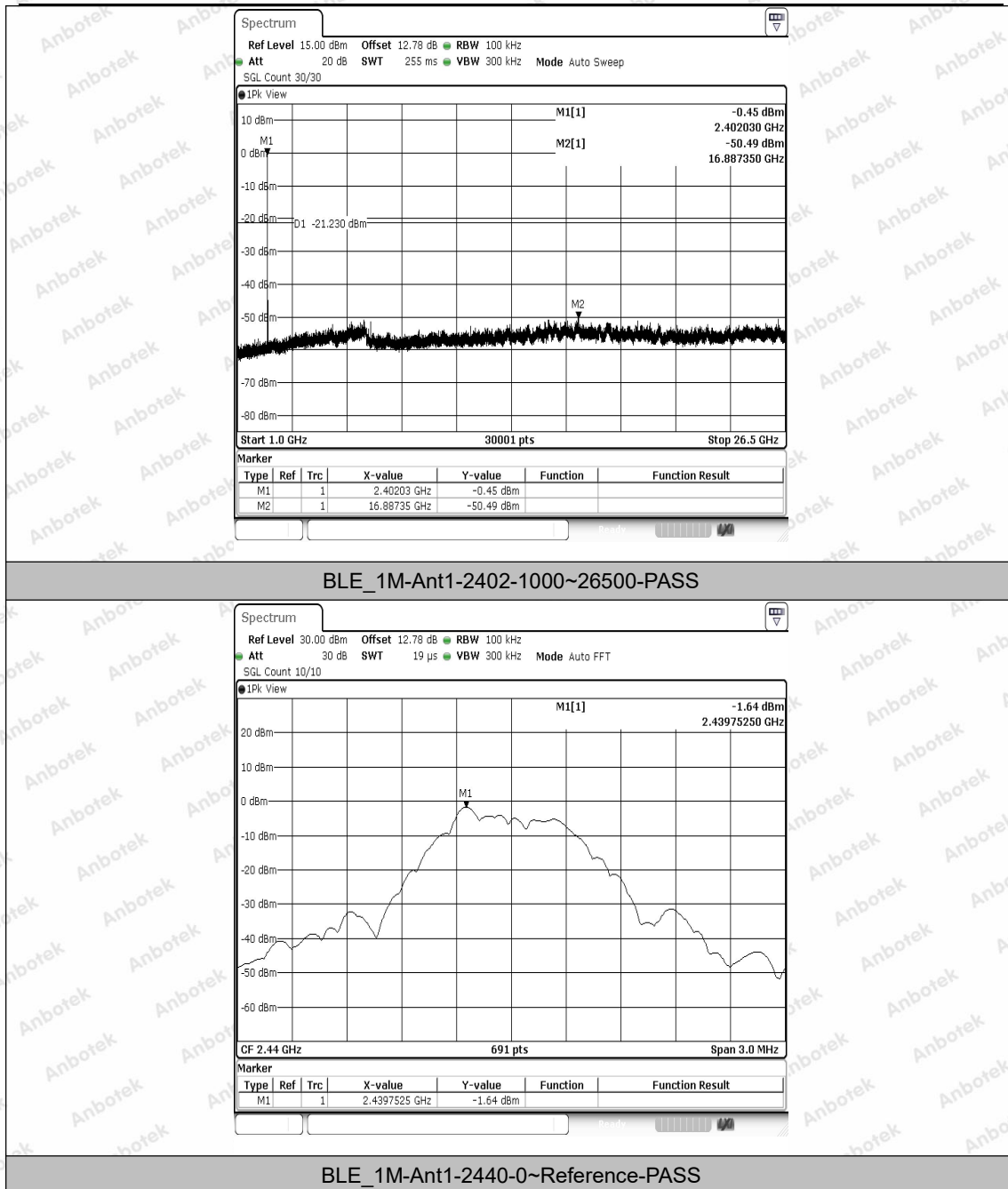
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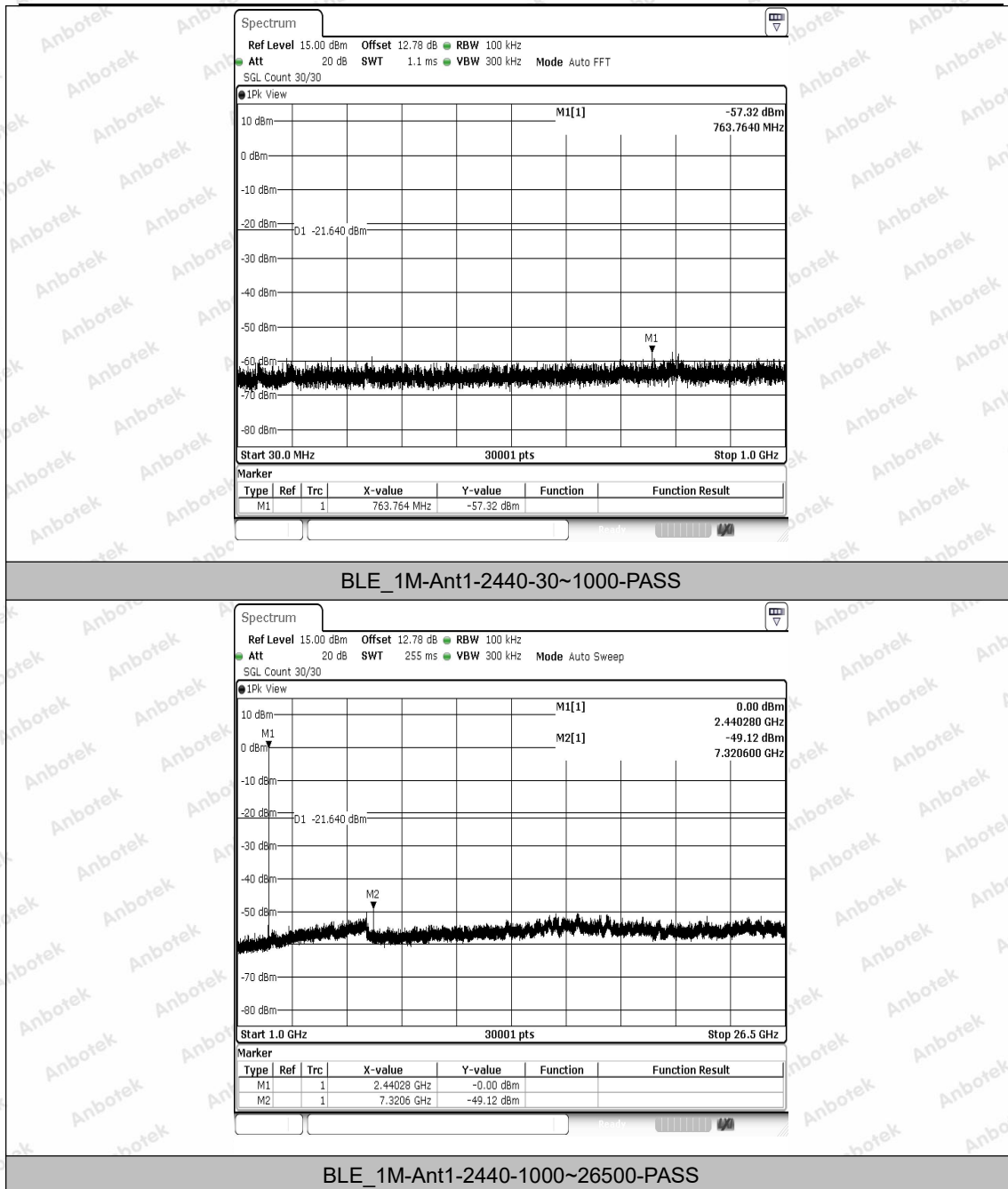
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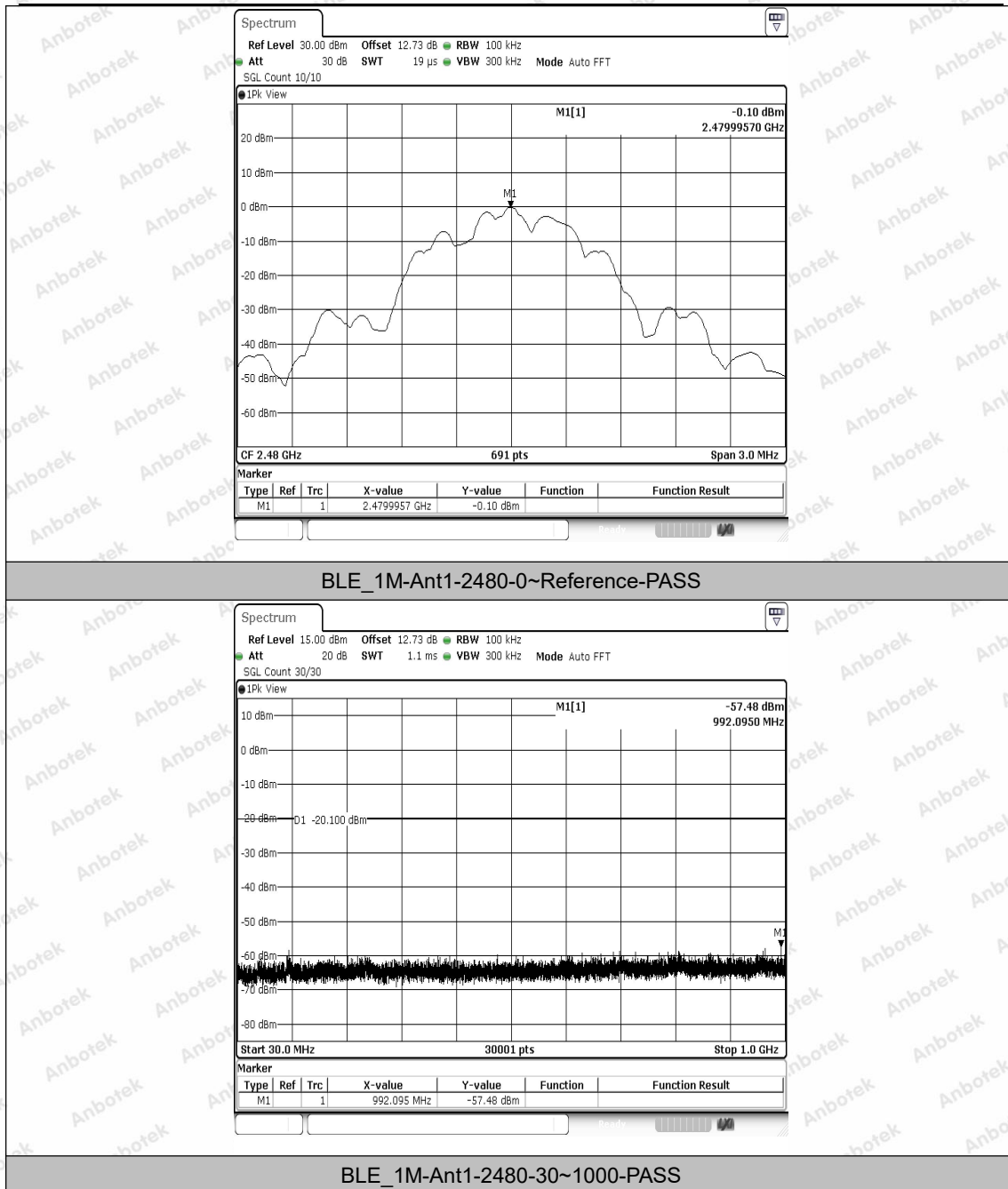
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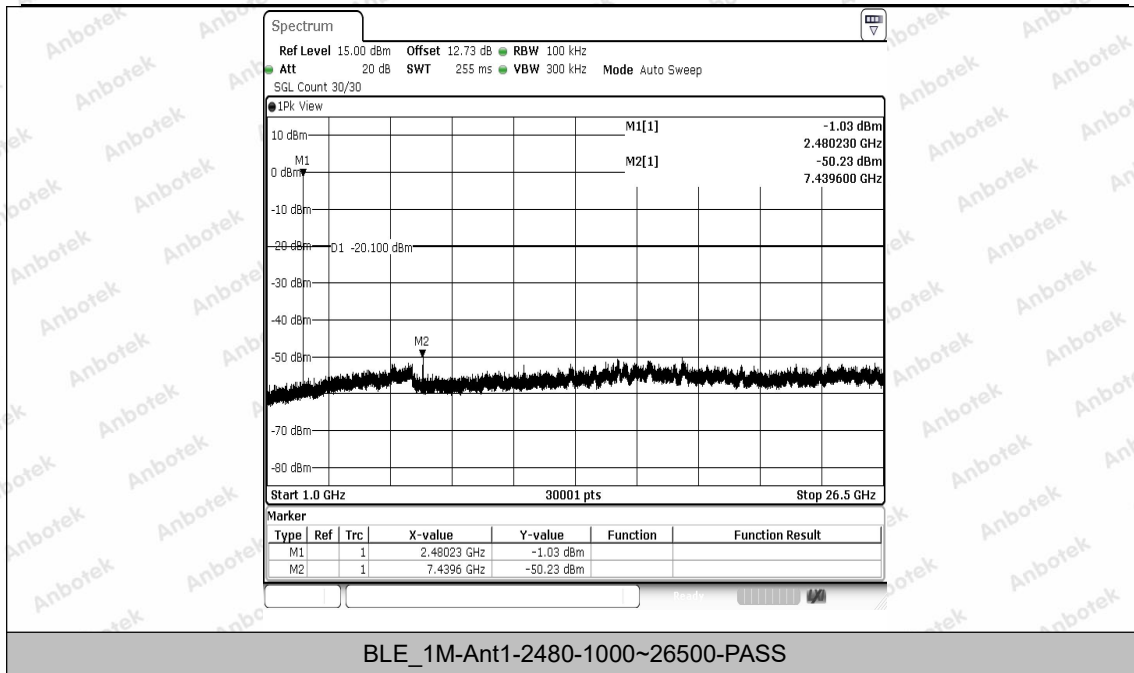
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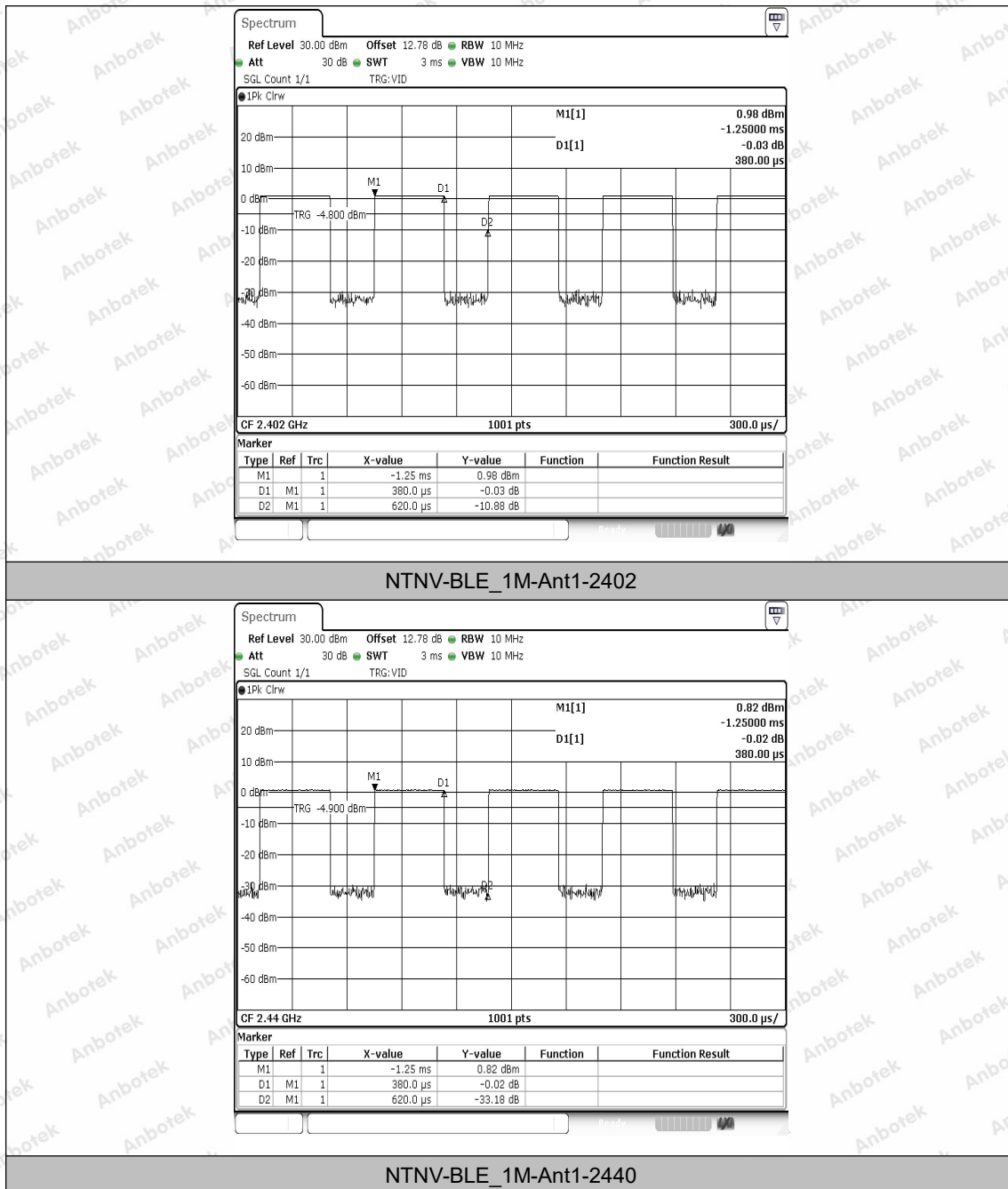
Appendix H: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.38	0.62	61.29	2.13
BLE_1M	Ant1	2440	0.38	0.62	61.29	2.13
BLE_1M	Ant1	2480	0.38	0.62	61.29	2.13



Test Graphs



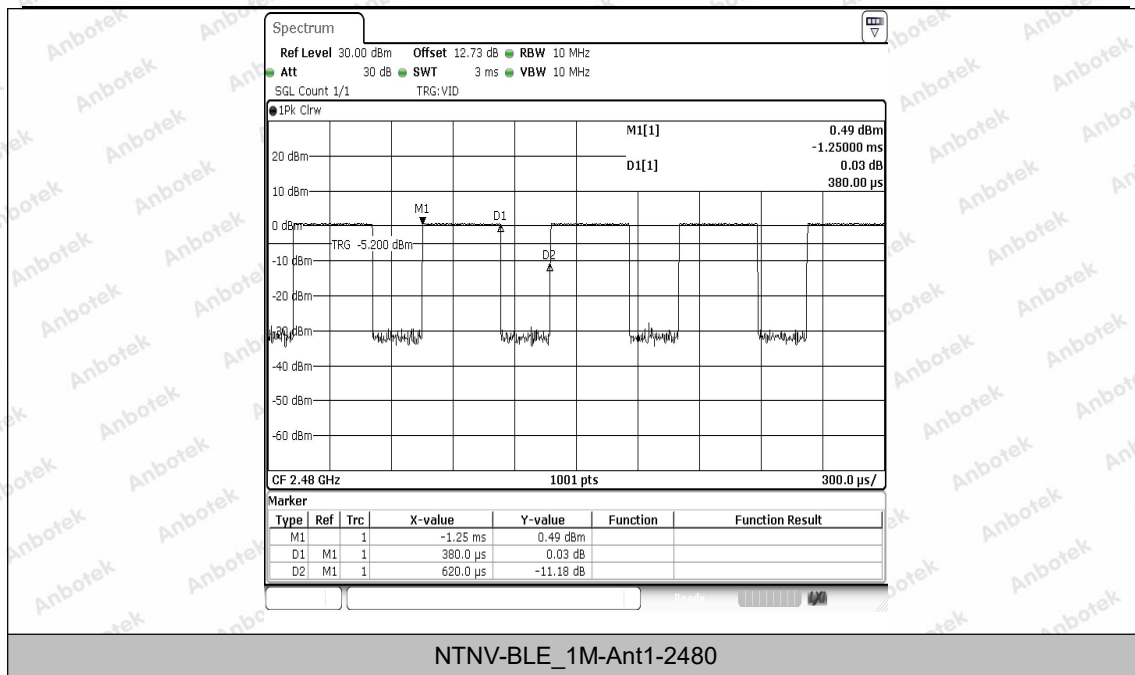
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