

Appendix: Bluetooth LE

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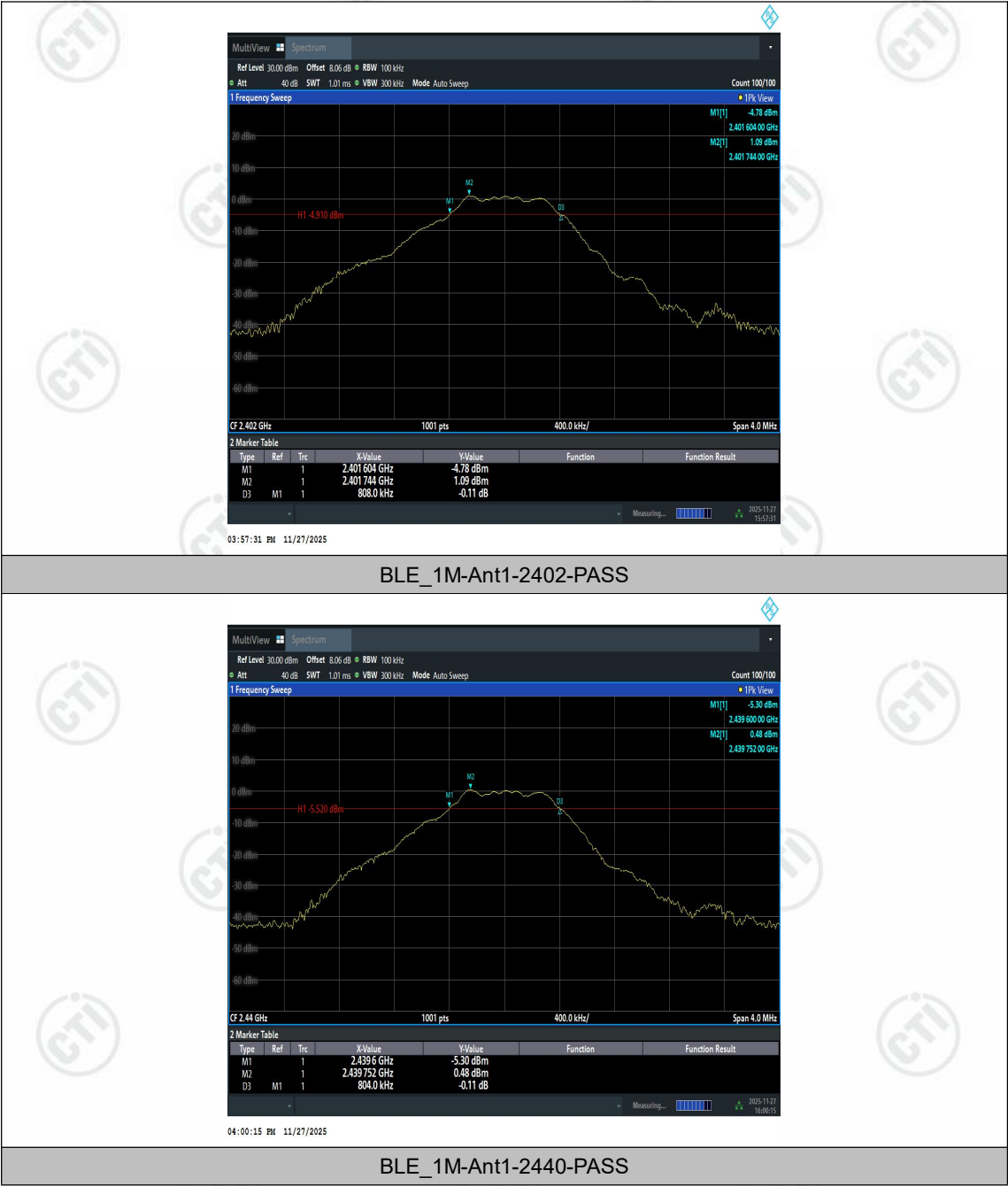
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.81	2401.60	2402.41	0.5	PASS
BLE_1M	Ant1	2440	0.80	2439.60	2440.40	0.5	PASS
BLE_1M	Ant1	2480	0.80	2479.60	2480.40	0.5	PASS

Test Graphs





BLE_1M-Ant1-2480-PASS

Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.3169	2401.2643	2402.5811
BLE_1M	Ant1	2440	1.2623	2439.3081	2440.5705
BLE_1M	Ant1	2480	1.2250	2479.3433	2480.5682

Test Graphs



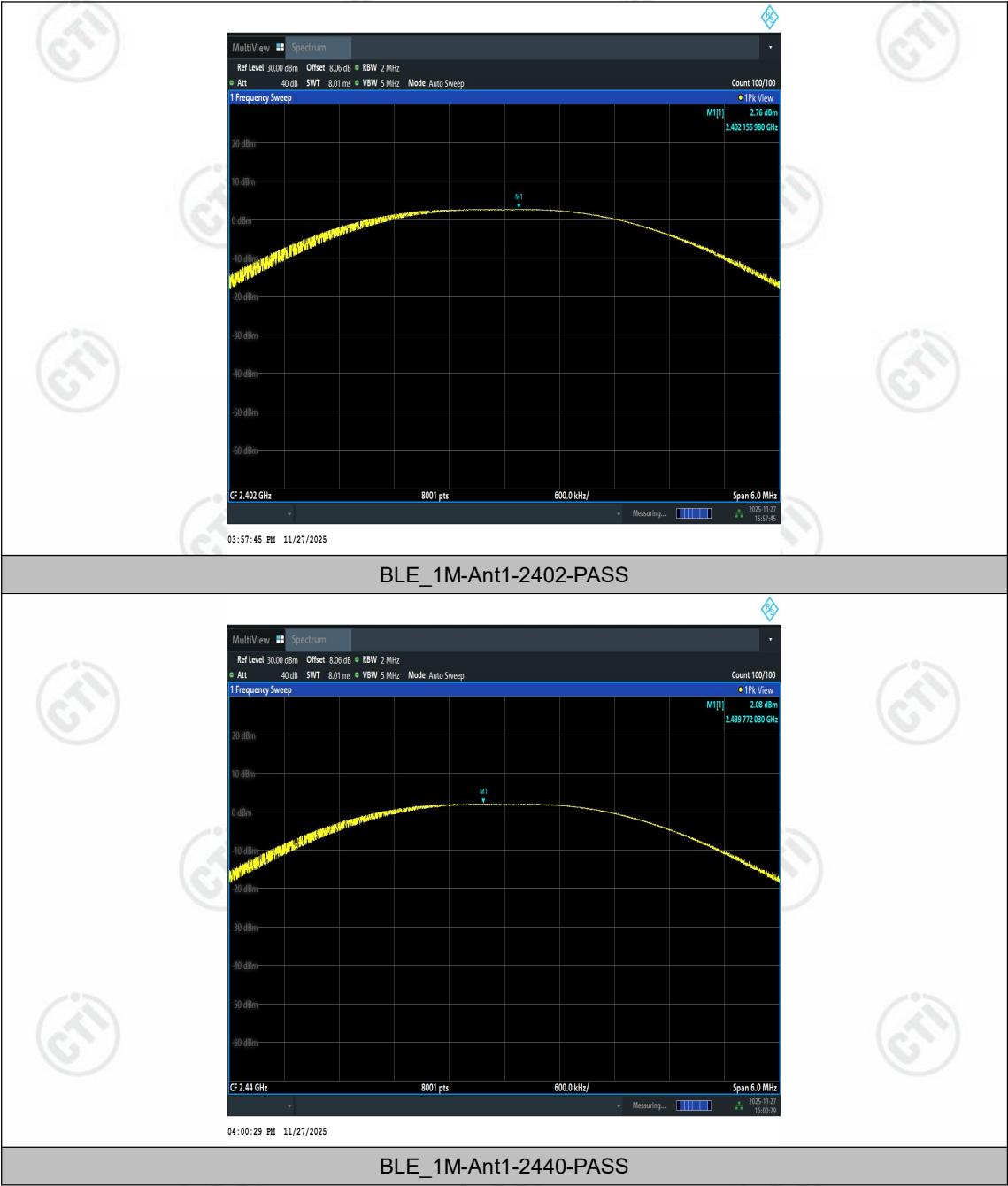


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	2.76	≤30	PASS
BLE_1M	Ant1	2440	2.08	≤30	PASS
BLE_1M	Ant1	2480	1.77	≤30	PASS

Test Graphs Peak



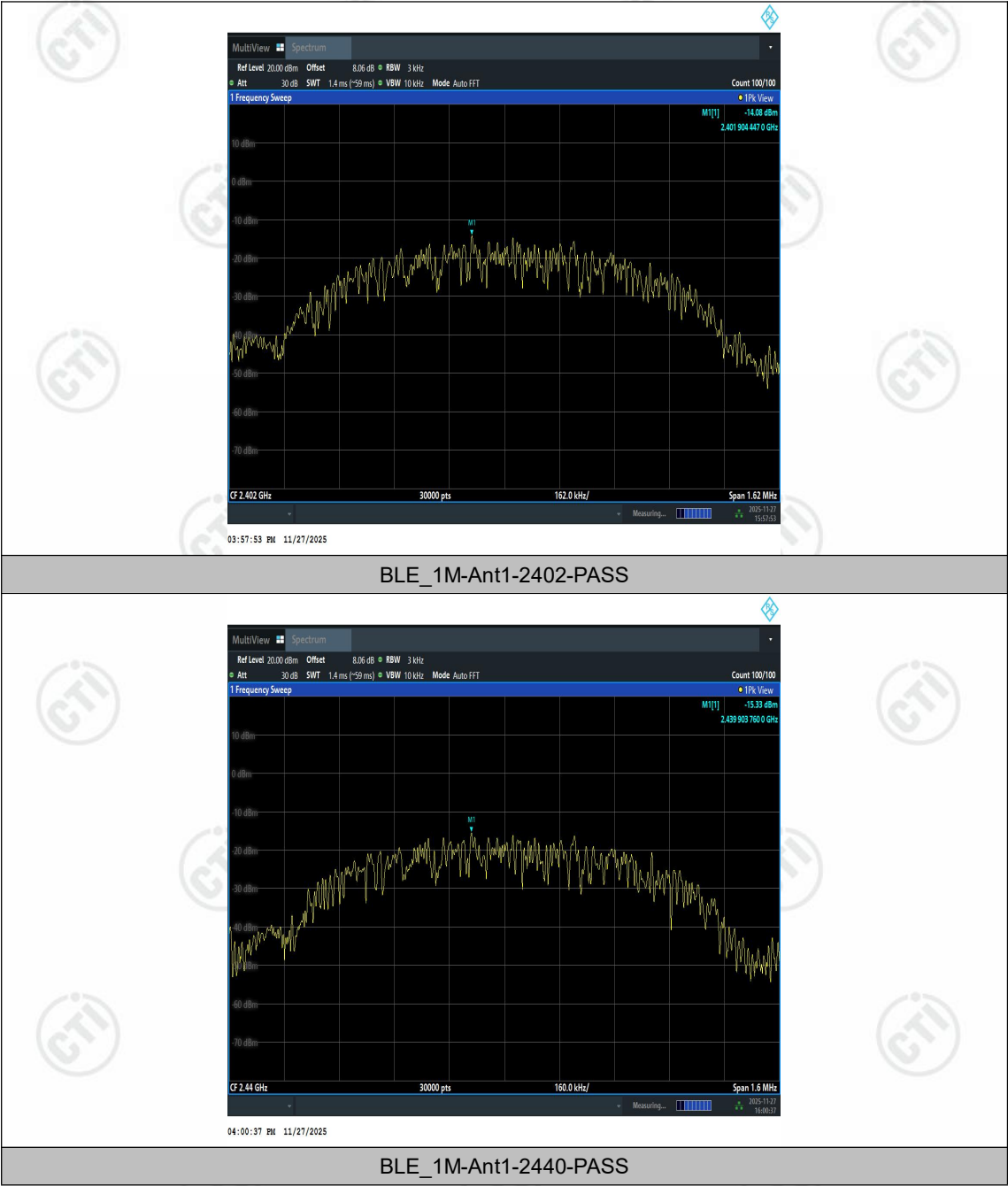


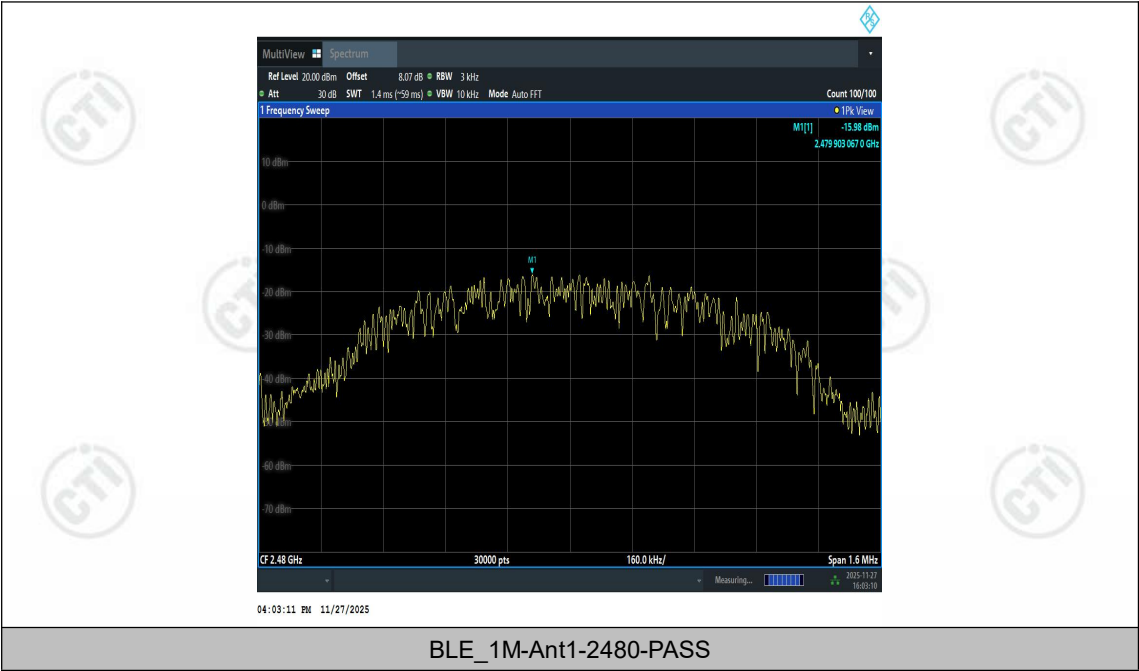
Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.08	≤8.00	PASS
BLE_1M	Ant1	2440	-15.33	≤8.00	PASS
BLE_1M	Ant1	2480	-15.98	≤8.00	PASS

Test Graphs



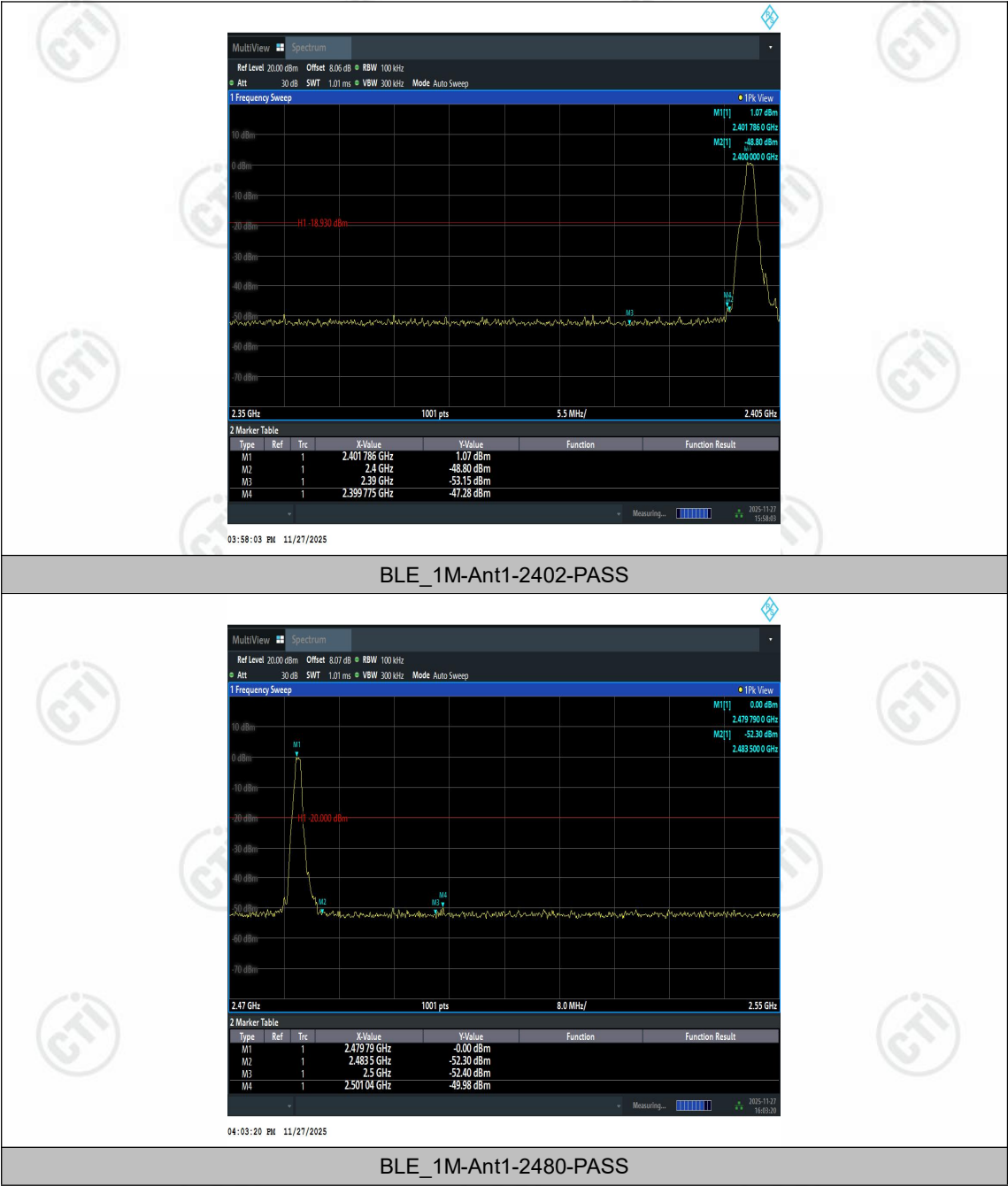


Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	1.07	-47.28	≤-18.93	PASS
BLE_1M	Ant1	High	2480	0.00	-49.98	≤-20	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	1.17	1.17	---	PASS
BLE_1M	Ant1	2402	30~1000	1.17	-59.25	≤-18.83	PASS
BLE_1M	Ant1	2402	1000~26500	1.17	-48.76	≤-18.83	PASS
BLE_1M	Ant1	2440	0~Reference	0.55	0.55	---	PASS
BLE_1M	Ant1	2440	30~1000	0.55	-59.2	≤-19.45	PASS
BLE_1M	Ant1	2440	1000~26500	0.55	-48.68	≤-19.45	PASS
BLE_1M	Ant1	2480	0~Reference	0.19	0.19	---	PASS
BLE_1M	Ant1	2480	30~1000	0.19	-58.54	≤-19.81	PASS
BLE_1M	Ant1	2480	1000~26500	0.19	-48.71	≤-19.81	PASS

Test Graphs

