

Appendix: Bluetooth LE

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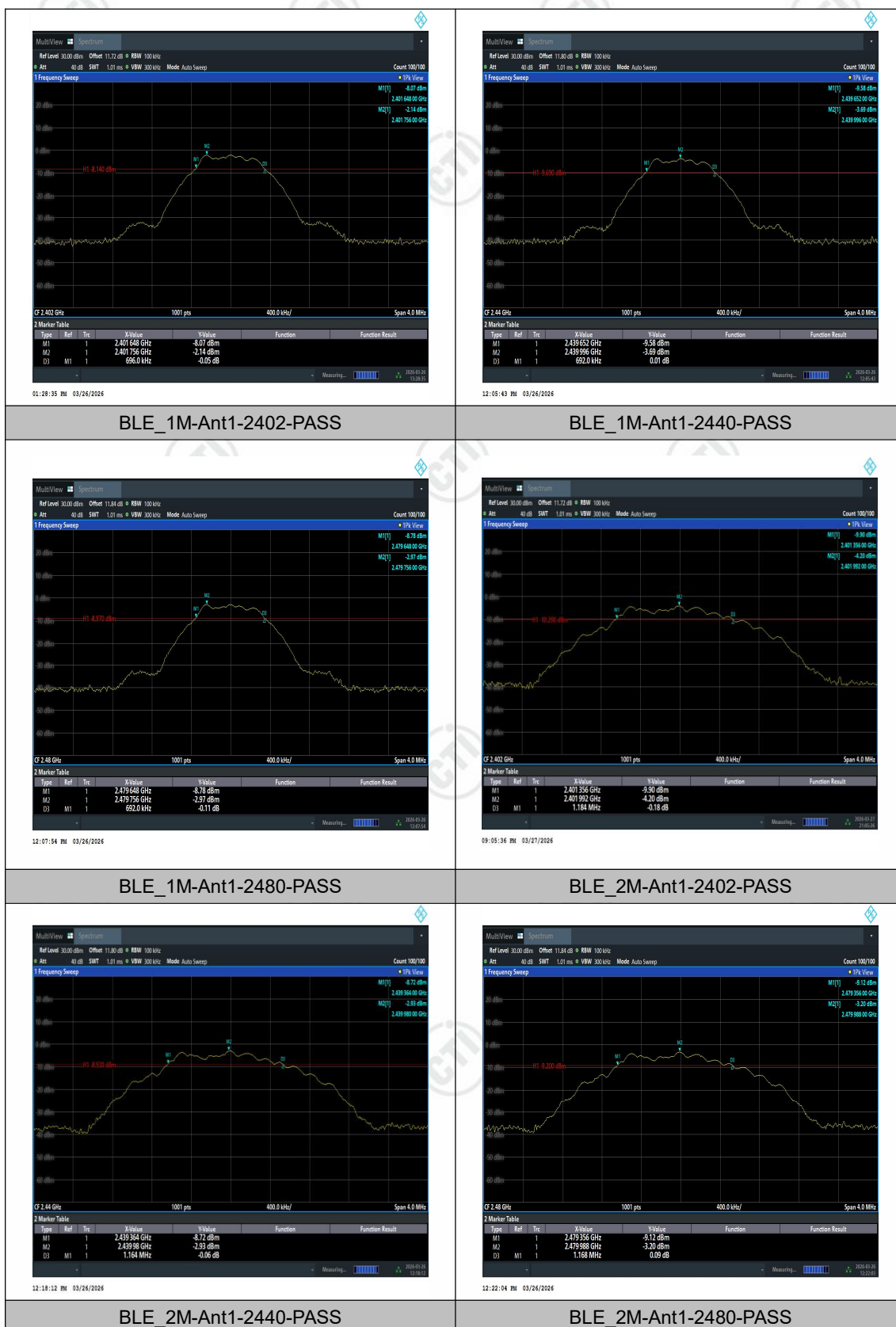
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Appendix A: DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.65	2402.34	0.5	PASS
BLE_1M	Ant1	2440	0.69	2439.65	2440.34	0.5	PASS
BLE_1M	Ant1	2480	0.69	2479.65	2480.34	0.5	PASS
BLE_2M	Ant1	2402	1.18	2401.36	2402.54	0.5	PASS
BLE_2M	Ant1	2440	1.16	2439.36	2440.53	0.5	PASS
BLE_2M	Ant1	2480	1.17	2479.36	2480.52	0.5	PASS

Test Graphs



Appendix B: Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]
BLE_1M	Ant1	2402	1.0321	2401.4804	2402.5125
BLE_1M	Ant1	2440	1.0349	2439.4830	2440.5179
BLE_1M	Ant1	2480	1.0365	2479.4774	2480.5139
BLE_2M	Ant1	2402	2.0163	2400.9999	2403.0162
BLE_2M	Ant1	2440	1.9878	2439.0139	2441.0018
BLE_2M	Ant1	2480	1.9895	2479.0103	2480.9998

Test Graphs

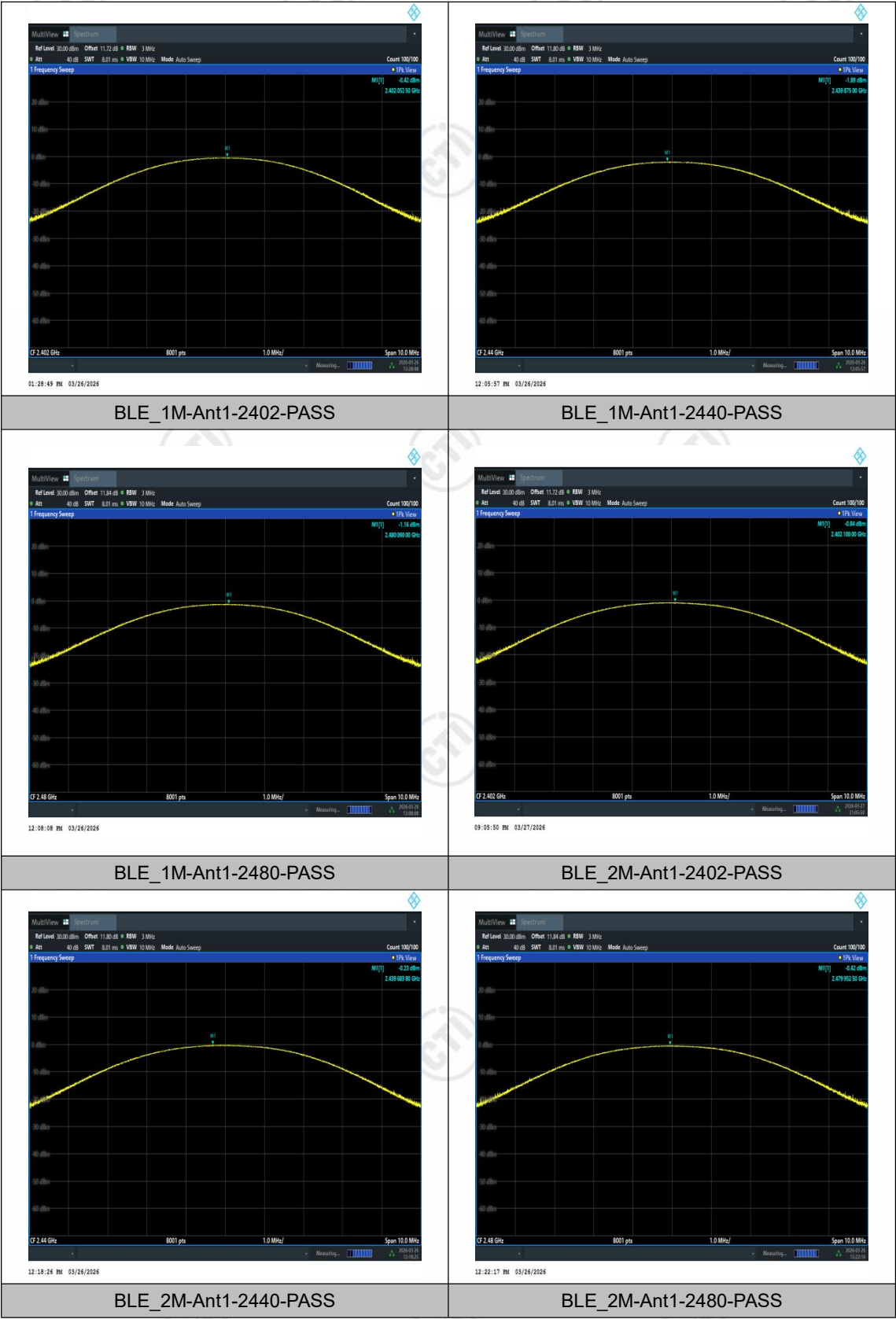


Appendix C: Maximum conducted output power

Test Result Peak

TestMode	Antenna	Frequency[MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	EIRP[dBm]	EIRP Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-0.42	≤30	1.17	≤36	PASS
BLE_1M	Ant1	2440	-1.89	≤30	-0.30	≤36	PASS
BLE_1M	Ant1	2480	-1.16	≤30	0.43	≤36	PASS
BLE_2M	Ant1	2402	-0.84	≤30	0.75	≤36	PASS
BLE_2M	Ant1	2440	-0.23	≤30	1.36	≤36	PASS
BLE_2M	Ant1	2480	-0.42	≤30	1.17	≤36	PASS

Test Graphs Peak

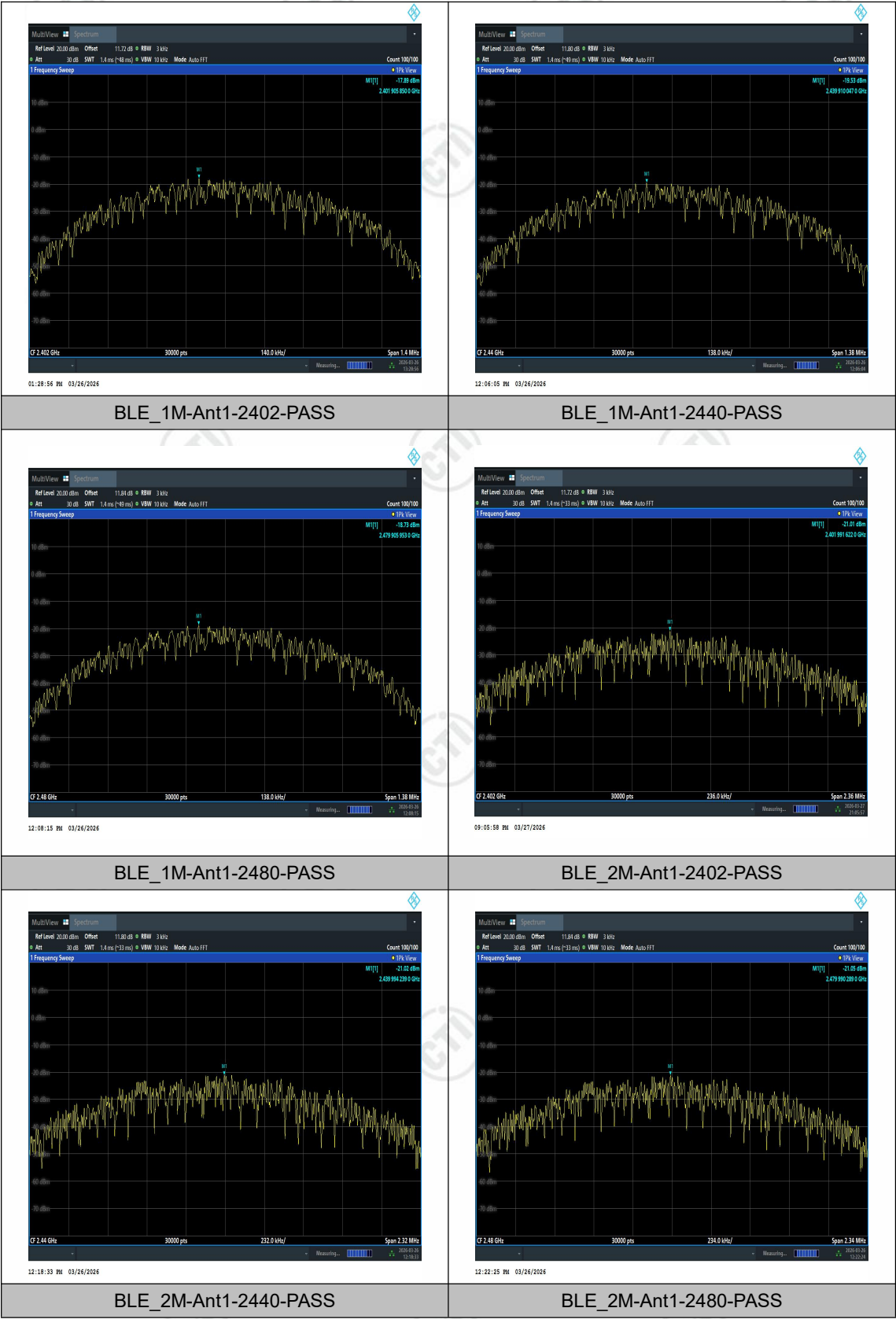


Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-17.89	≤8.00	PASS
BLE_1M	Ant1	2440	-19.53	≤8.00	PASS
BLE_1M	Ant1	2480	-18.73	≤8.00	PASS
BLE_2M	Ant1	2402	-21.01	≤8.00	PASS
BLE_2M	Ant1	2440	-21.02	≤8.00	PASS
BLE_2M	Ant1	2480	-21.05	≤8.00	PASS

Test Graphs

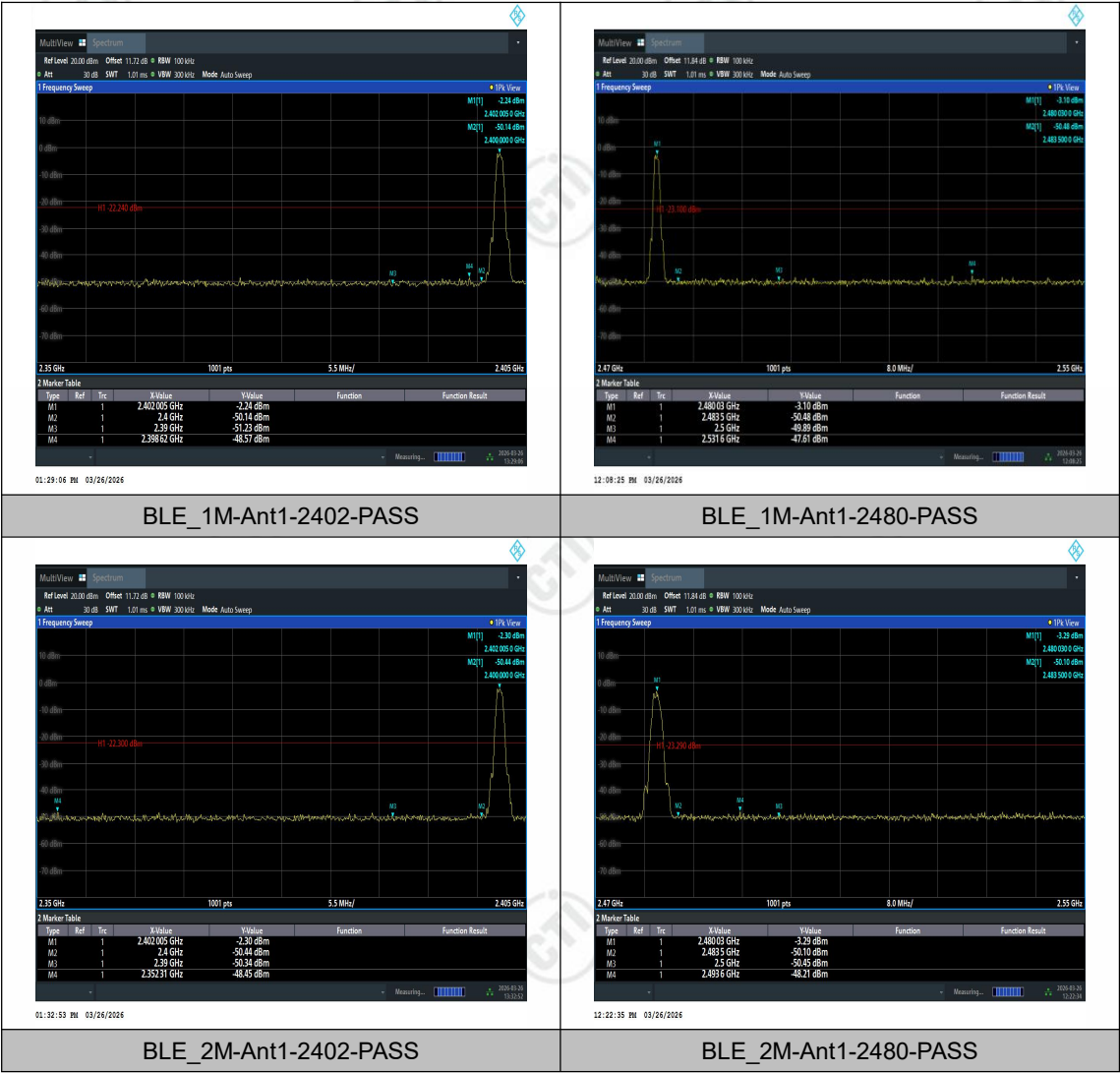


Appendix E: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	-2.24	-48.57	≤-22.24	PASS
BLE_1M	Ant1	High	2480	-3.10	-47.61	≤-23.1	PASS
BLE_2M	Ant1	Low	2402	-2.30	-48.45	≤-22.3	PASS
BLE_2M	Ant1	High	2480	-3.29	-48.21	≤-23.29	PASS

Test Graphs

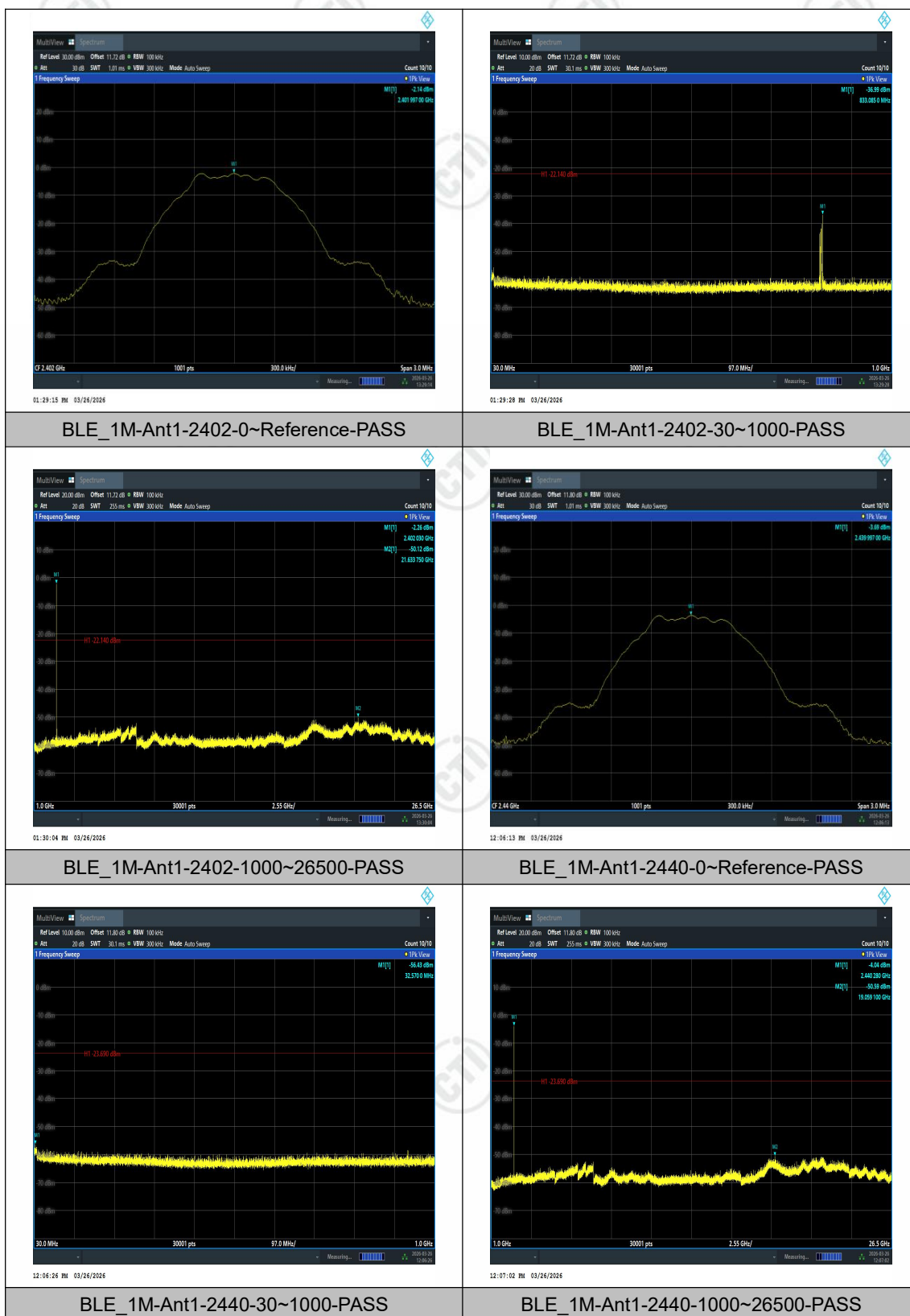


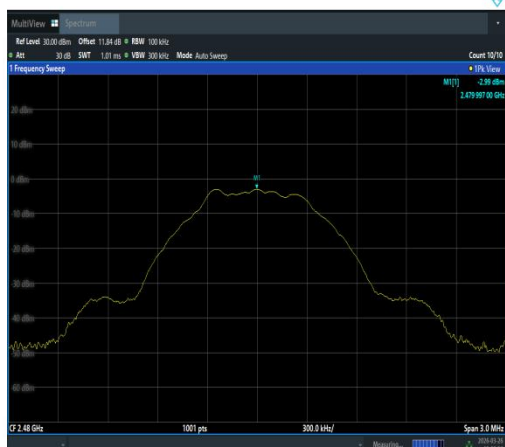
Appendix F: Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	-2.14	-2.14	---	PASS
BLE_1M	Ant1	2402	30~1000	-2.14	-36.99	≤-22.14	PASS
BLE_1M	Ant1	2402	1000~26500	-2.14	-50.12	≤-22.14	PASS
BLE_1M	Ant1	2440	0~Reference	-3.69	-3.69	---	PASS
BLE_1M	Ant1	2440	30~1000	-3.69	-56.43	≤-23.69	PASS
BLE_1M	Ant1	2440	1000~26500	-3.69	-50.59	≤-23.69	PASS
BLE_1M	Ant1	2480	0~Reference	-2.99	-2.99	---	PASS
BLE_1M	Ant1	2480	30~1000	-2.99	-56.2	≤-22.99	PASS
BLE_1M	Ant1	2480	1000~26500	-2.99	-50.74	≤-22.99	PASS
BLE_2M	Ant1	2402	0~Reference	-4.15	-4.15	---	PASS
BLE_2M	Ant1	2402	30~1000	-4.15	-56.95	≤-24.15	PASS
BLE_2M	Ant1	2402	1000~26500	-4.15	-50.52	≤-24.15	PASS
BLE_2M	Ant1	2440	0~Reference	-2.89	-2.89	---	PASS
BLE_2M	Ant1	2440	30~1000	-2.89	-56.82	≤-22.89	PASS
BLE_2M	Ant1	2440	1000~26500	-2.89	-50.39	≤-22.89	PASS
BLE_2M	Ant1	2480	0~Reference	-3.19	-3.19	---	PASS
BLE_2M	Ant1	2480	30~1000	-3.19	-56.69	≤-23.19	PASS
BLE_2M	Ant1	2480	1000~26500	-3.19	-50.31	≤-23.19	PASS

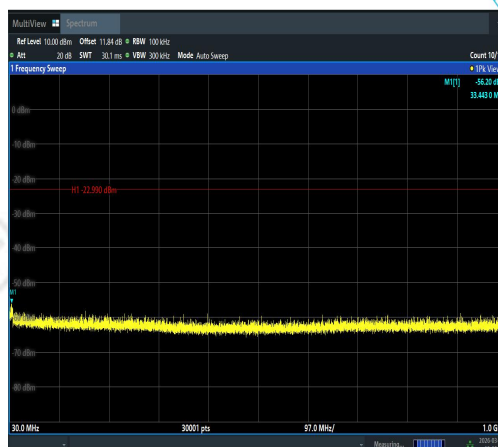
Test Graphs





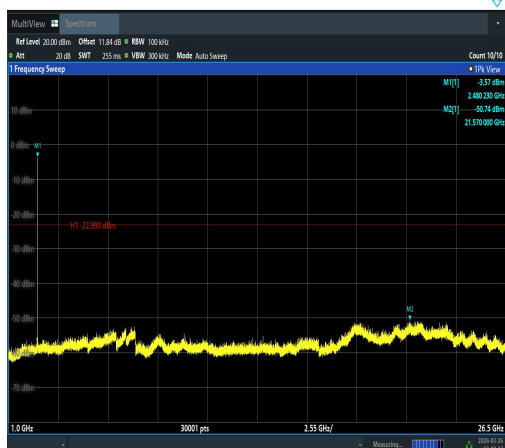
12:08:34 PM 03/26/2026

BLE_1M-Ant1-2480-0~Reference-PASS



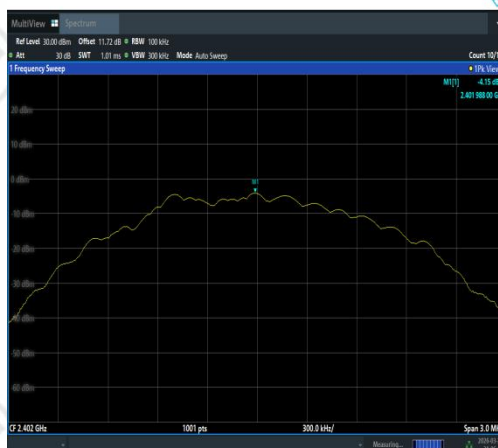
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BLE_1M-Ant1-2480-30~1000-PASS



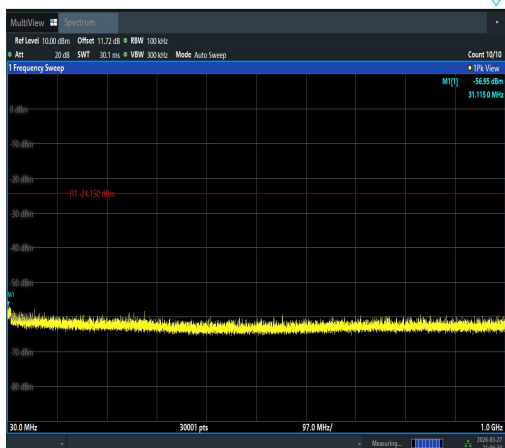
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BLE_1M-Ant1-2480-1000~26500-PASS



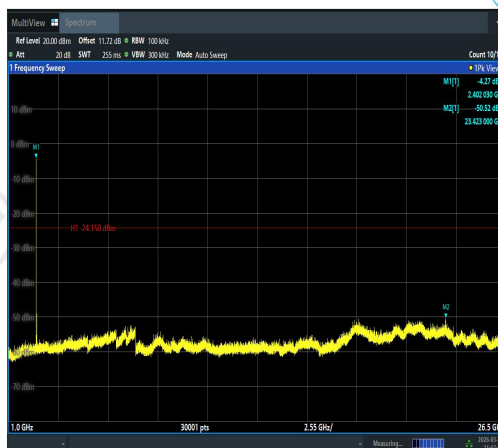
09:06:17 PM 03/27/2026

BLE_2M-Ant1-2402-0~Reference-PASS



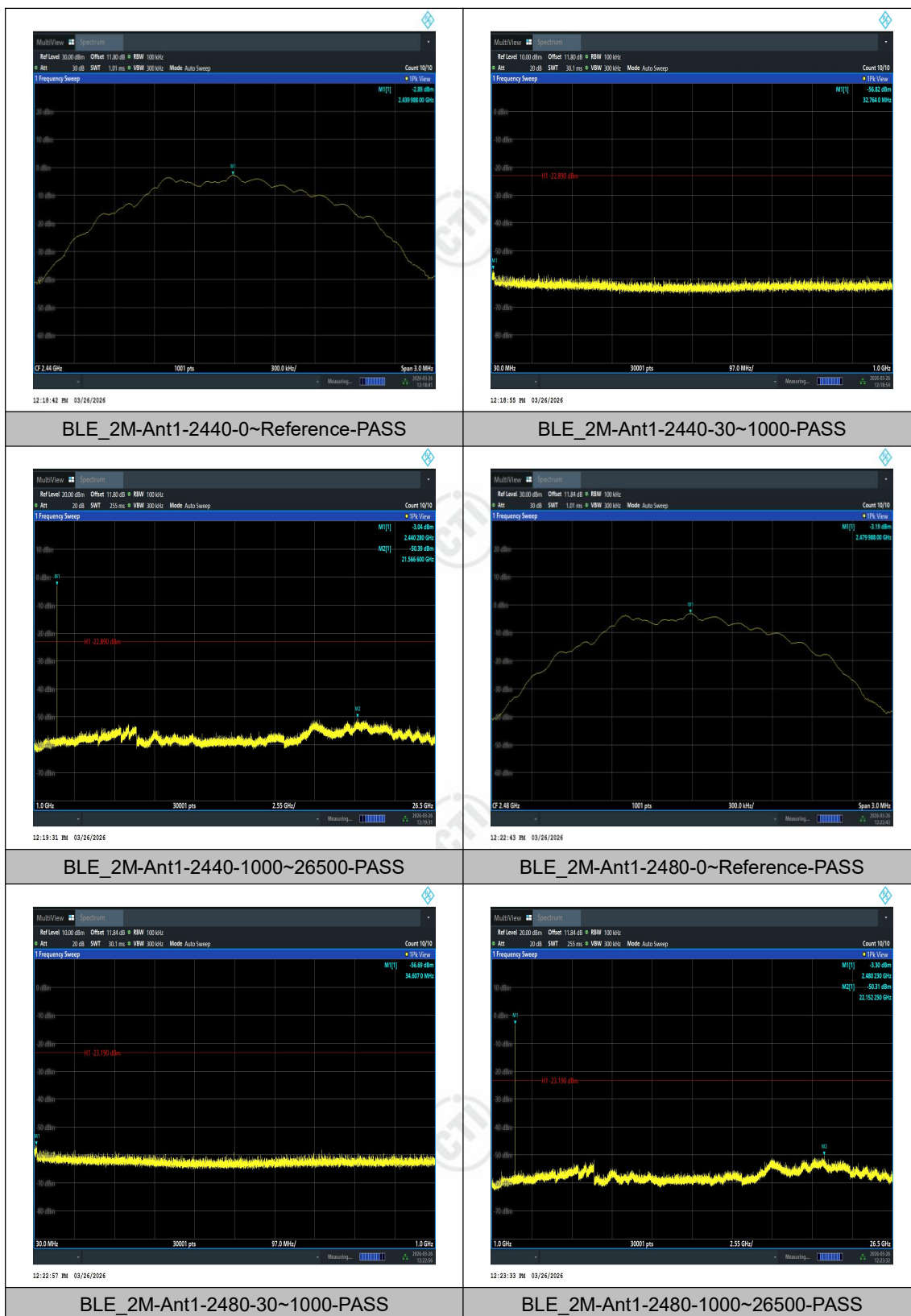
09:06:30 PM 03/27/2026

BLE_2M-Ant1-2402-30~1000-PASS



09:07:07 PM 03/27/2026

BLE_2M-Ant1-2402-1000~26500-PASS



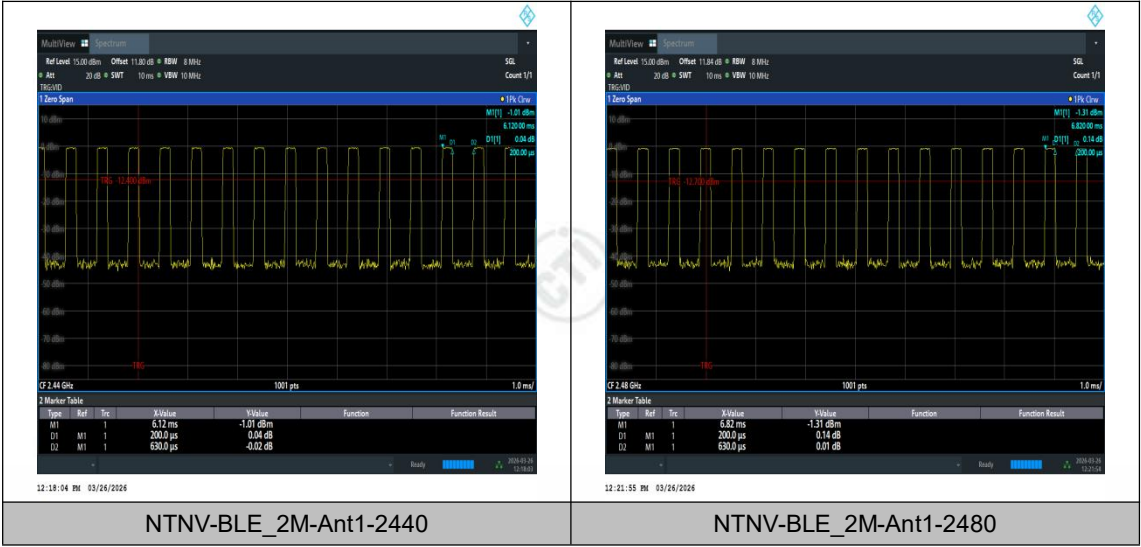
Appendix G: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.38	0.63	60.32	2.20
BLE_1M	Ant1	2440	0.38	0.63	60.32	2.20
BLE_1M	Ant1	2480	0.38	0.63	60.32	2.20
BLE_2M	Ant1	2402	0.20	0.64	31.25	5.05
BLE_2M	Ant1	2440	0.20	0.63	31.75	4.98
BLE_2M	Ant1	2480	0.20	0.63	31.75	4.98

Test Graphs





*** End of Report ***