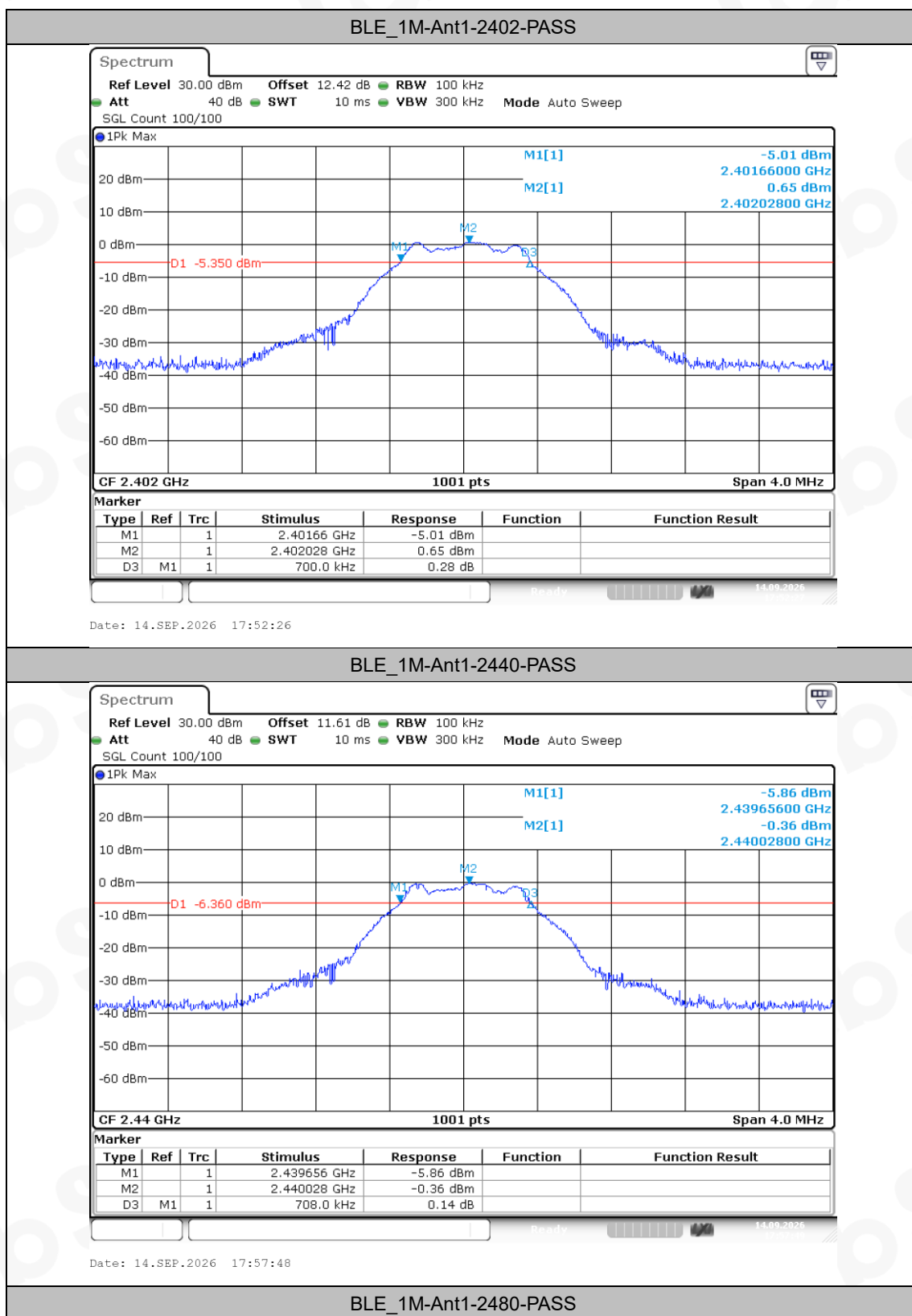


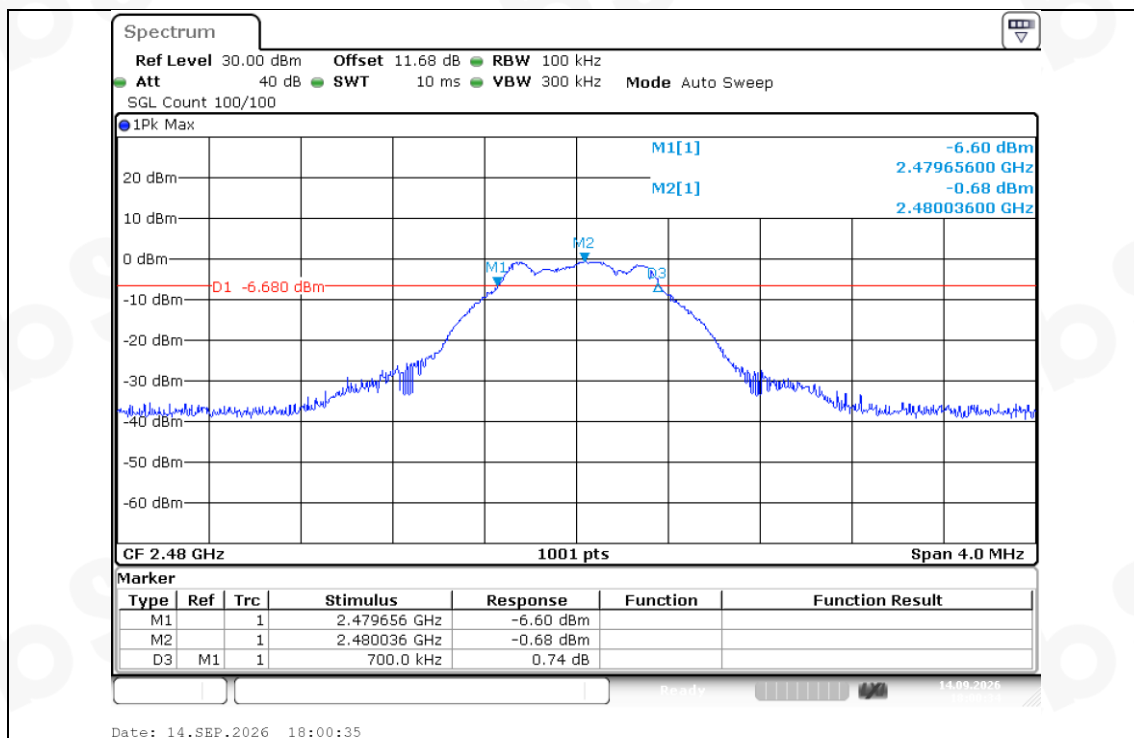
Appendix A: DTS Bandwidth

Test Result

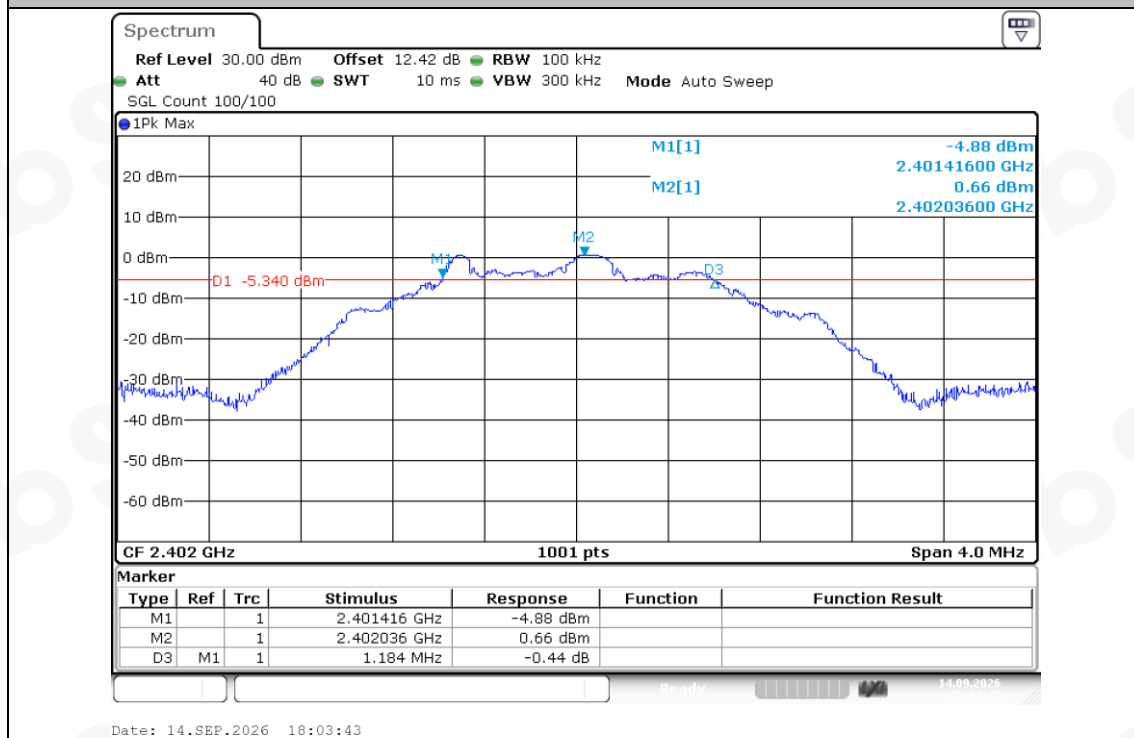
TestMode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit [MHz]	Verdict
BLE_1M	Ant1	2402	0.70	2401.66	2402.36	0.5	PASS
BLE_1M	Ant1	2440	0.71	2439.66	2440.36	0.5	PASS
BLE_1M	Ant1	2480	0.70	2479.66	2480.36	0.5	PASS
BLE_2M	Ant1	2402	1.18	2401.42	2402.60	0.5	PASS
BLE_2M	Ant1	2440	1.20	2439.42	2440.61	0.5	PASS
BLE_2M	Ant1	2480	1.20	2479.41	2480.62	0.5	PASS

Test Graphs

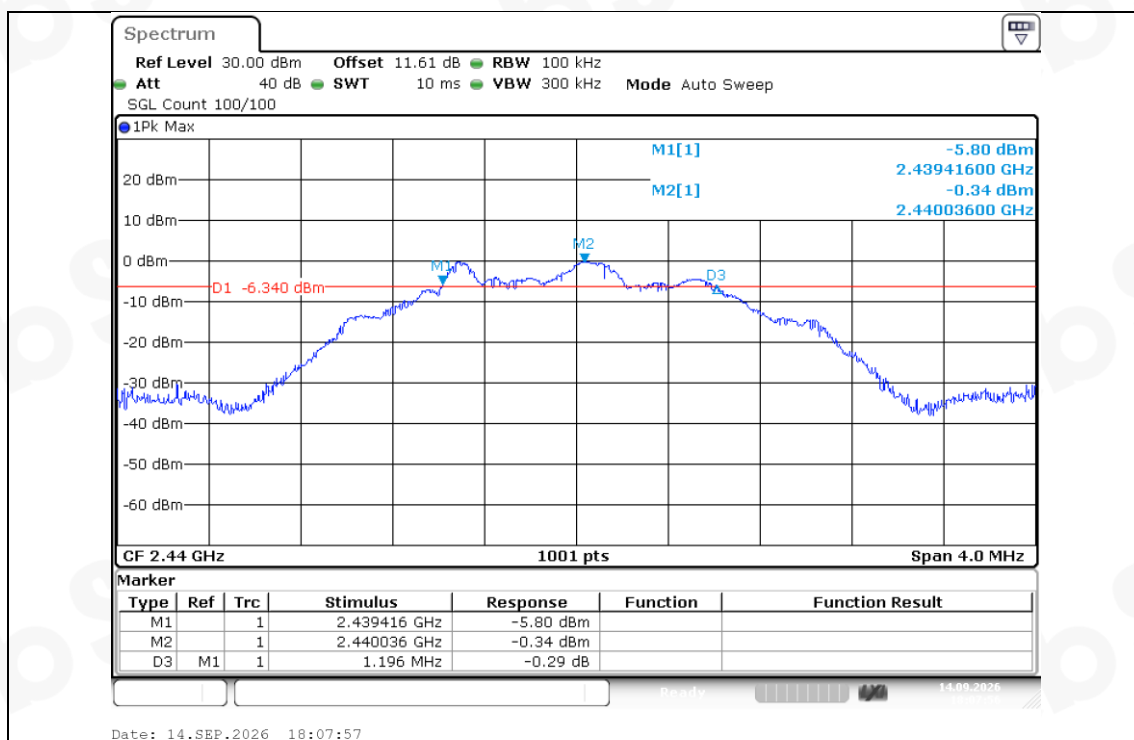




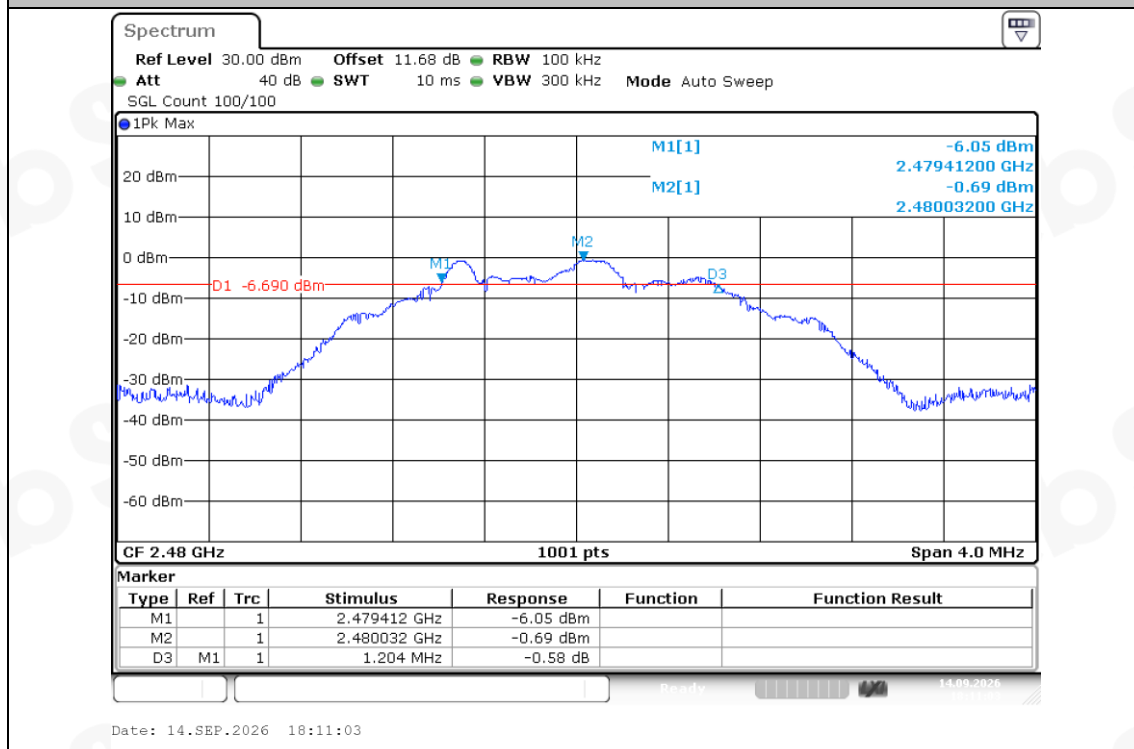
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

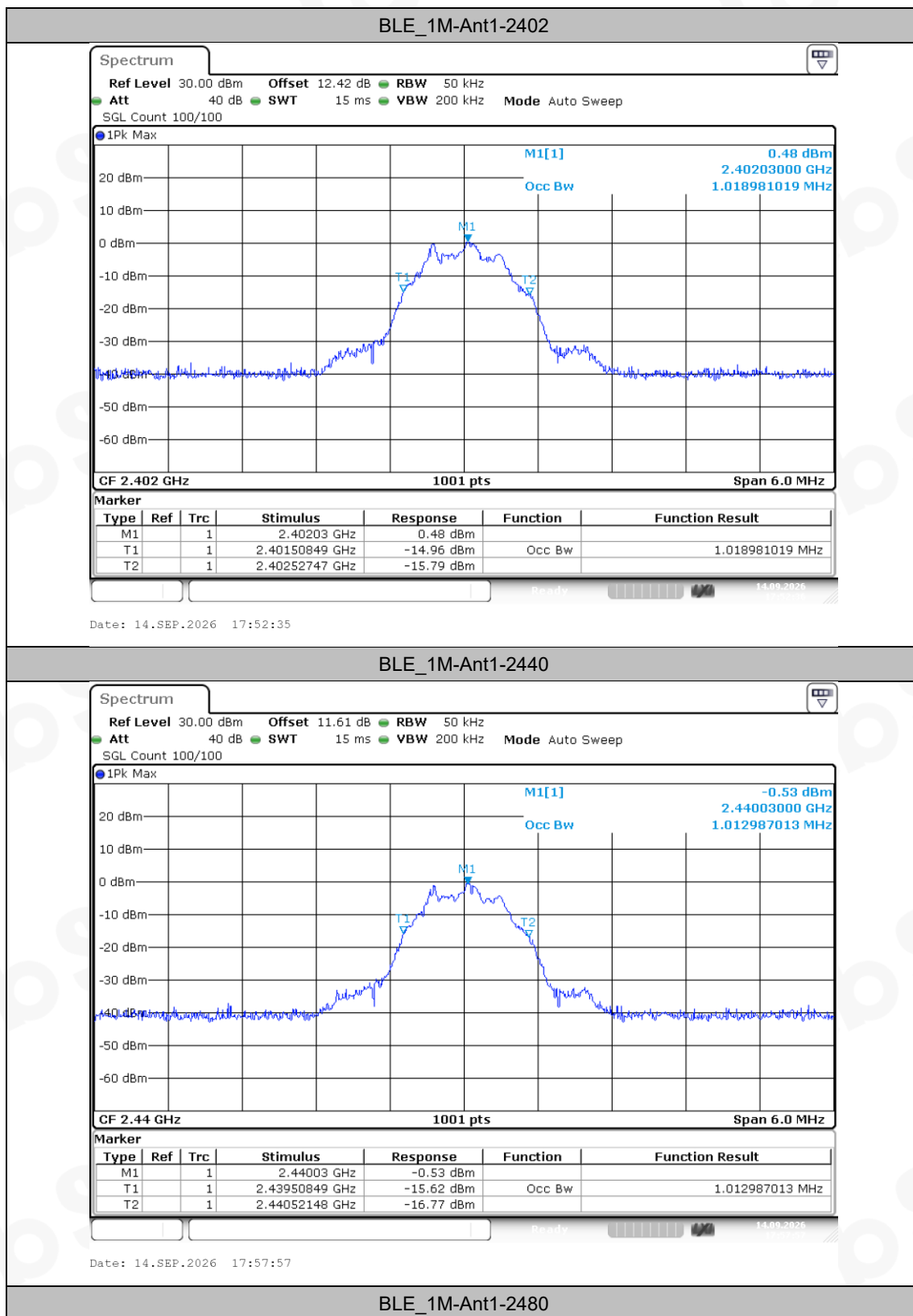


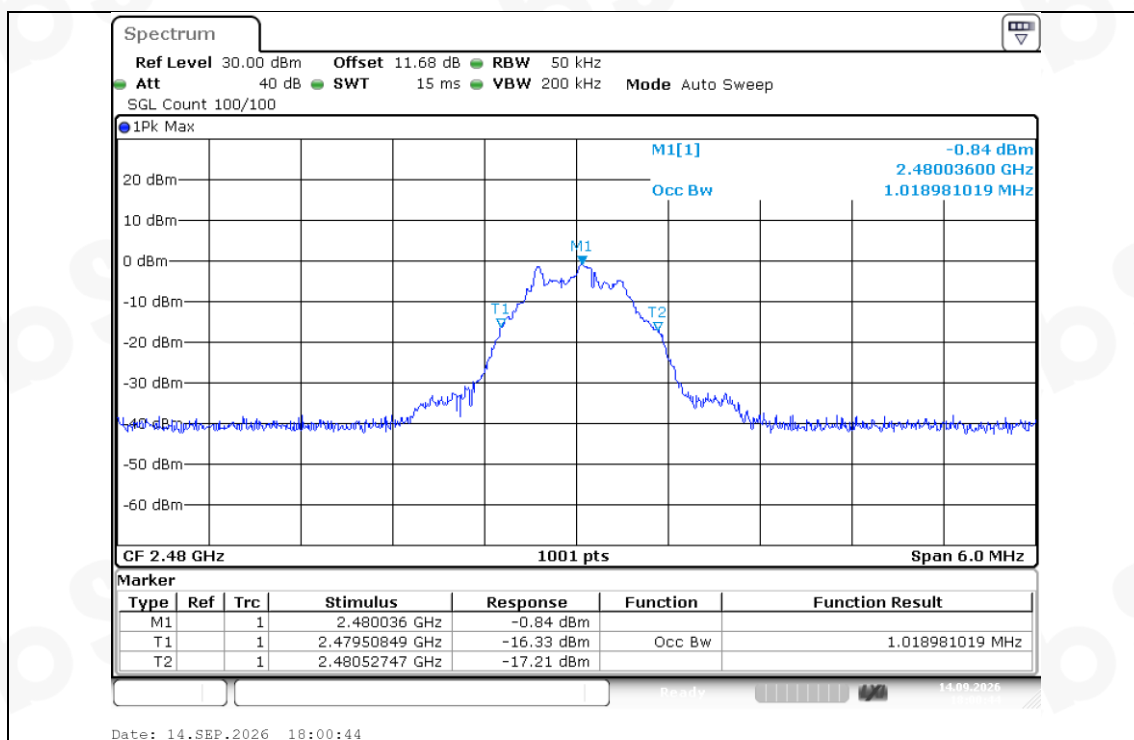
Appendix B: Occupied Channel Bandwidth

Test Result

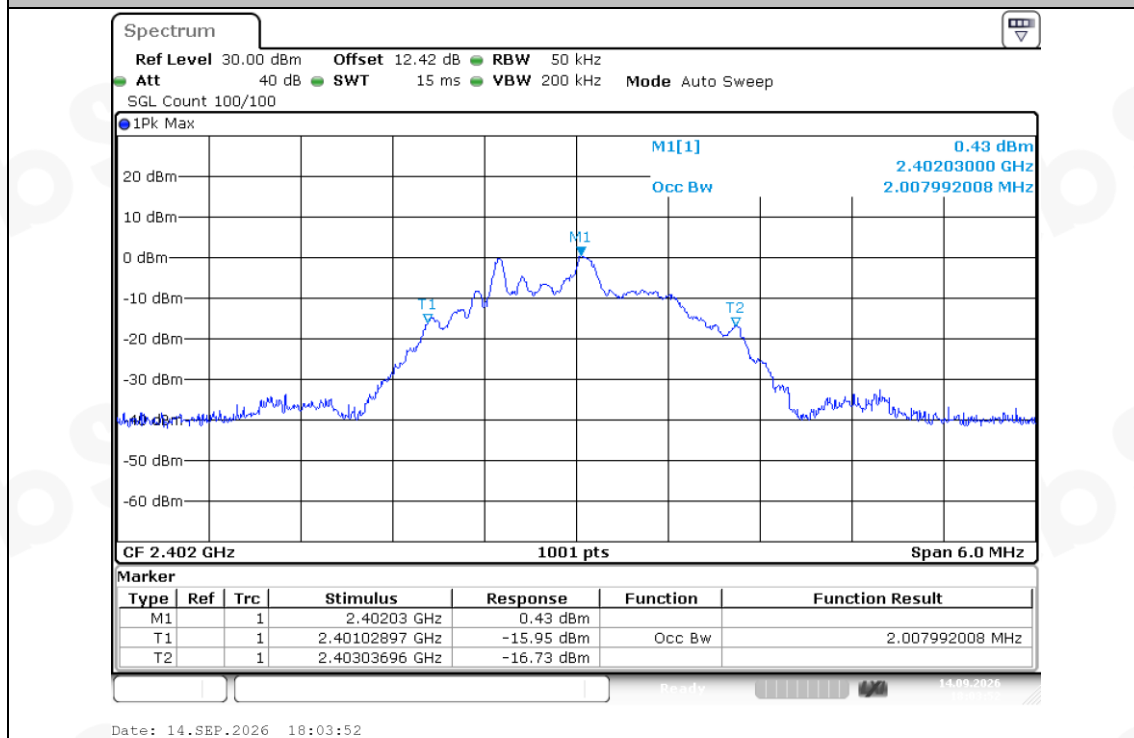
TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.0190	2401.5085	2402.5275	---	---
BLE_1M	Ant1	2440	1.0130	2439.5085	2440.5215	---	---
BLE_1M	Ant1	2480	1.0190	2479.5085	2480.5275	---	---
BLE_2M	Ant1	2402	2.0080	2401.0290	2403.0370	---	---
BLE_2M	Ant1	2440	2.0080	2439.0290	2441.0370	---	---
BLE_2M	Ant1	2480	2.0140	2479.0230	2481.0370	---	---

Test Graphs

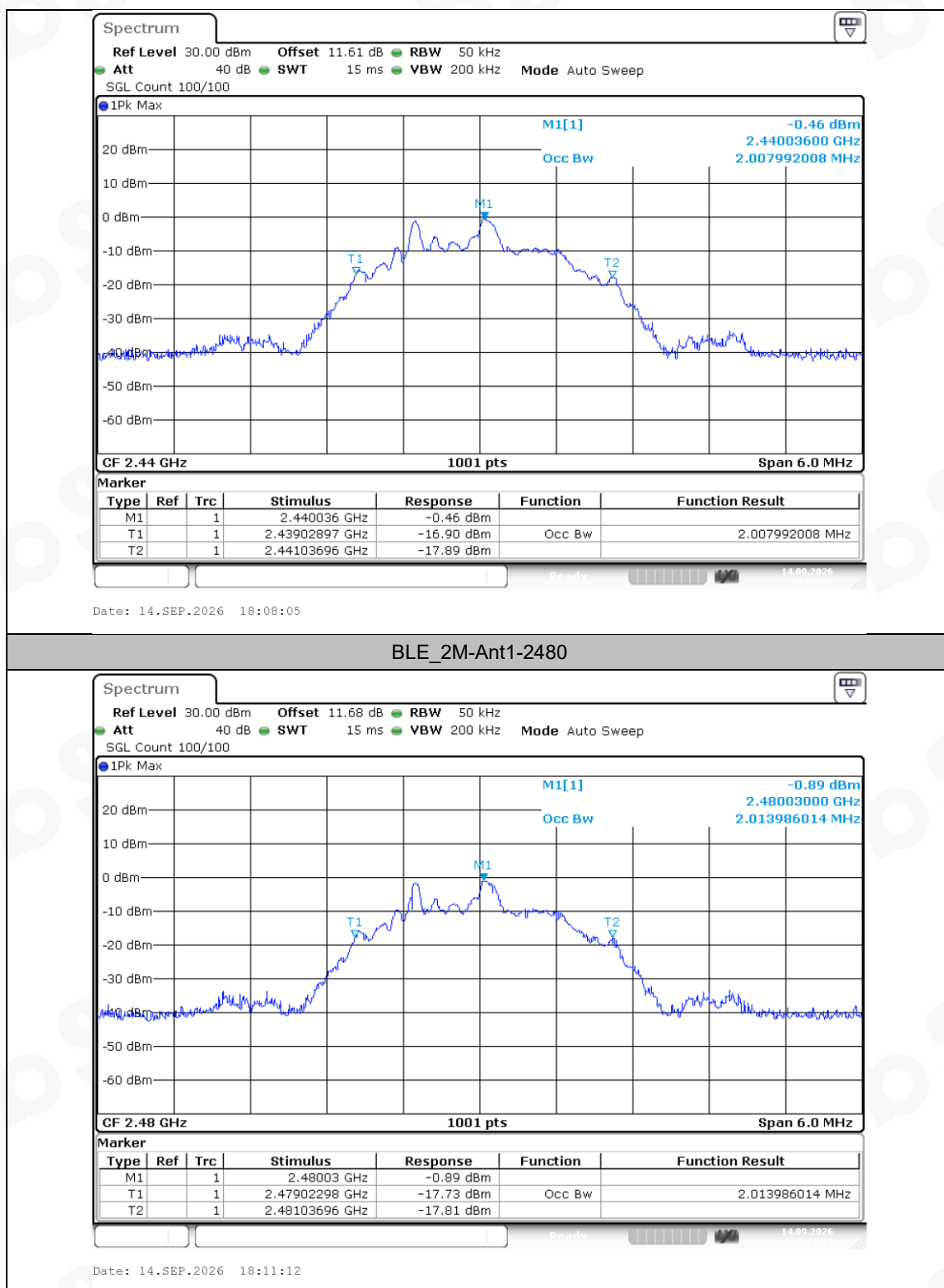




BLE_2M-Ant1-2402



BLE_2M-Ant1-2440

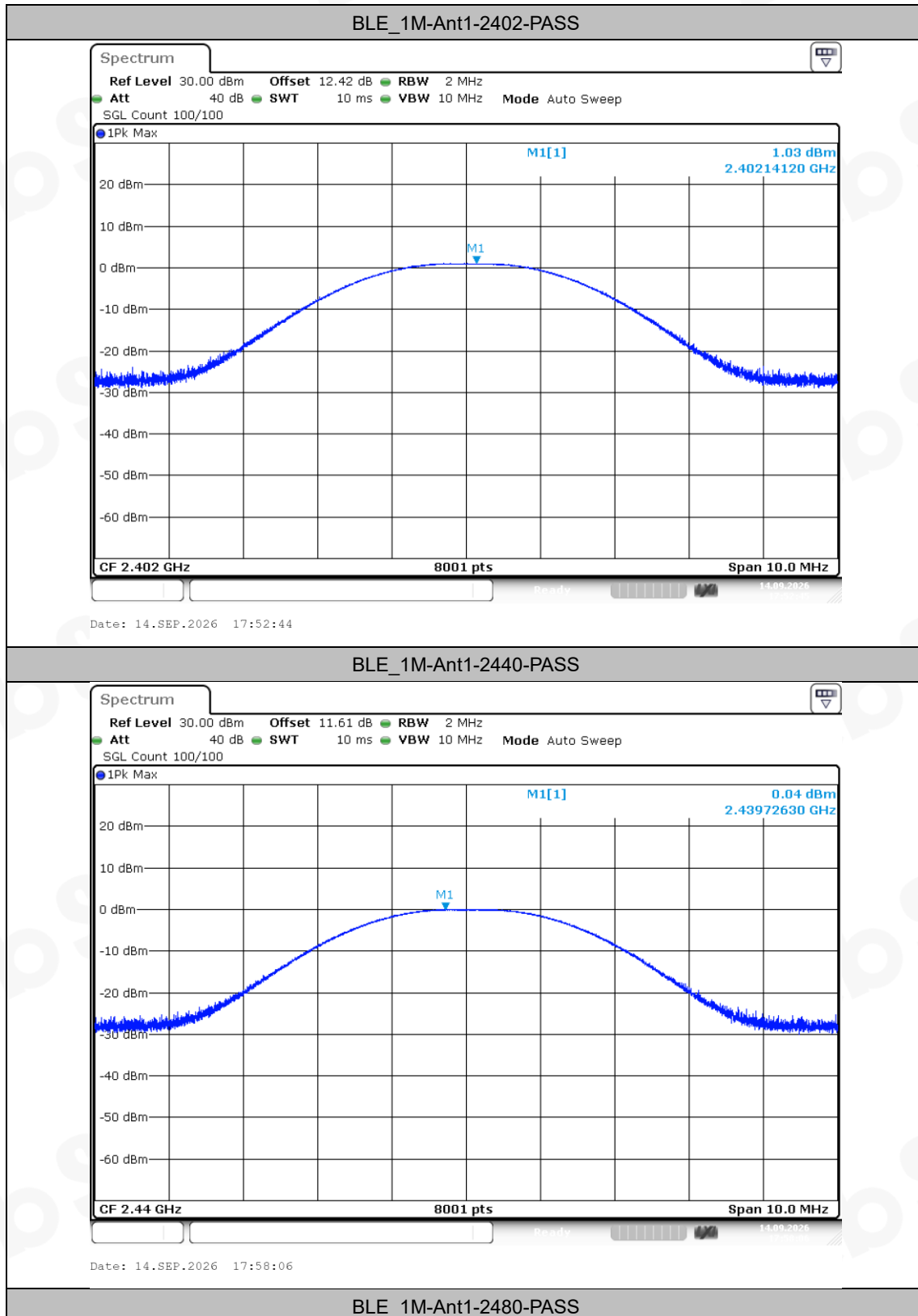


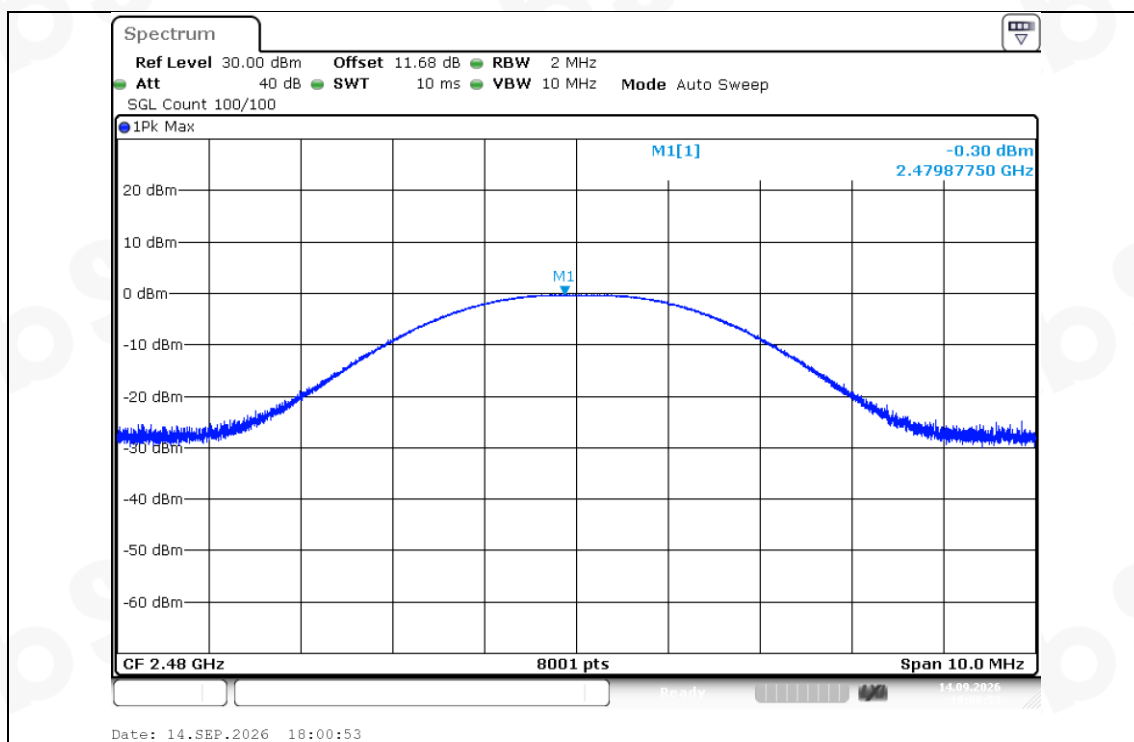
Appendix C: Maximum conducted output power

Test Result Peak

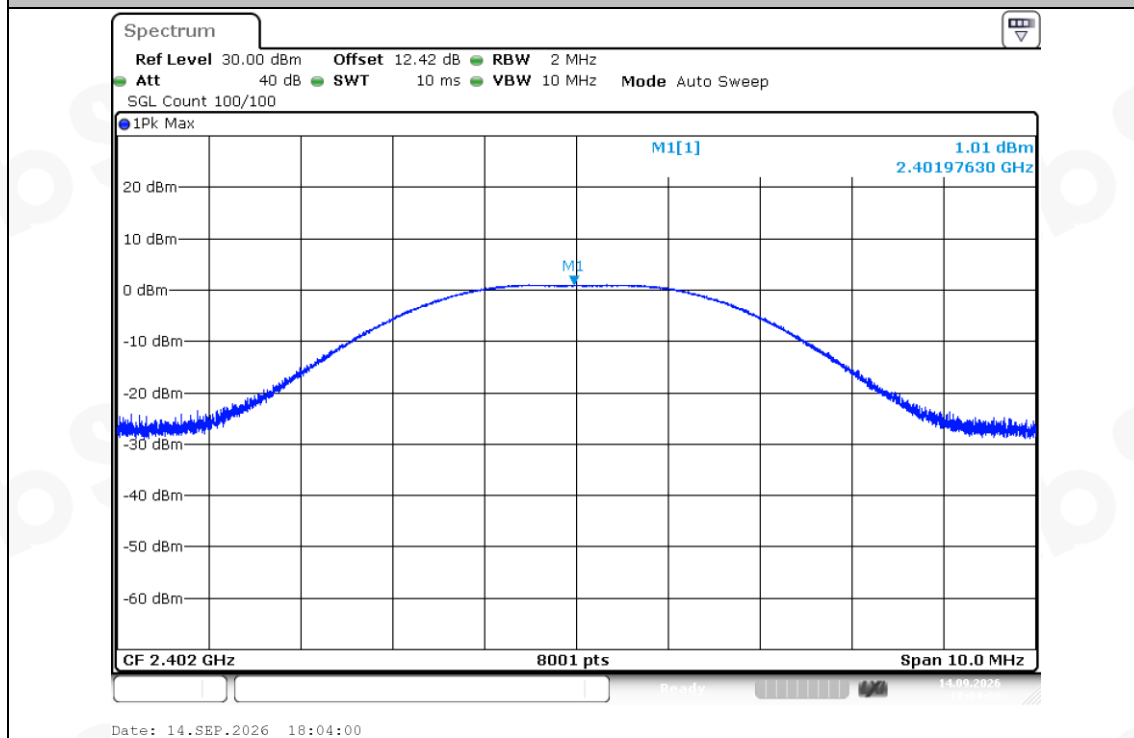
TestMode	Antenna	Frequency [MHz]	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	1.03	≤30	PASS
BLE_1M	Ant1	2440	0.04	≤30	PASS
BLE_1M	Ant1	2480	-0.30	≤30	PASS
BLE_2M	Ant1	2402	1.01	≤30	PASS
BLE_2M	Ant1	2440	0.02	≤30	PASS
BLE_2M	Ant1	2480	-0.26	≤30	PASS

Test Graphs Peak

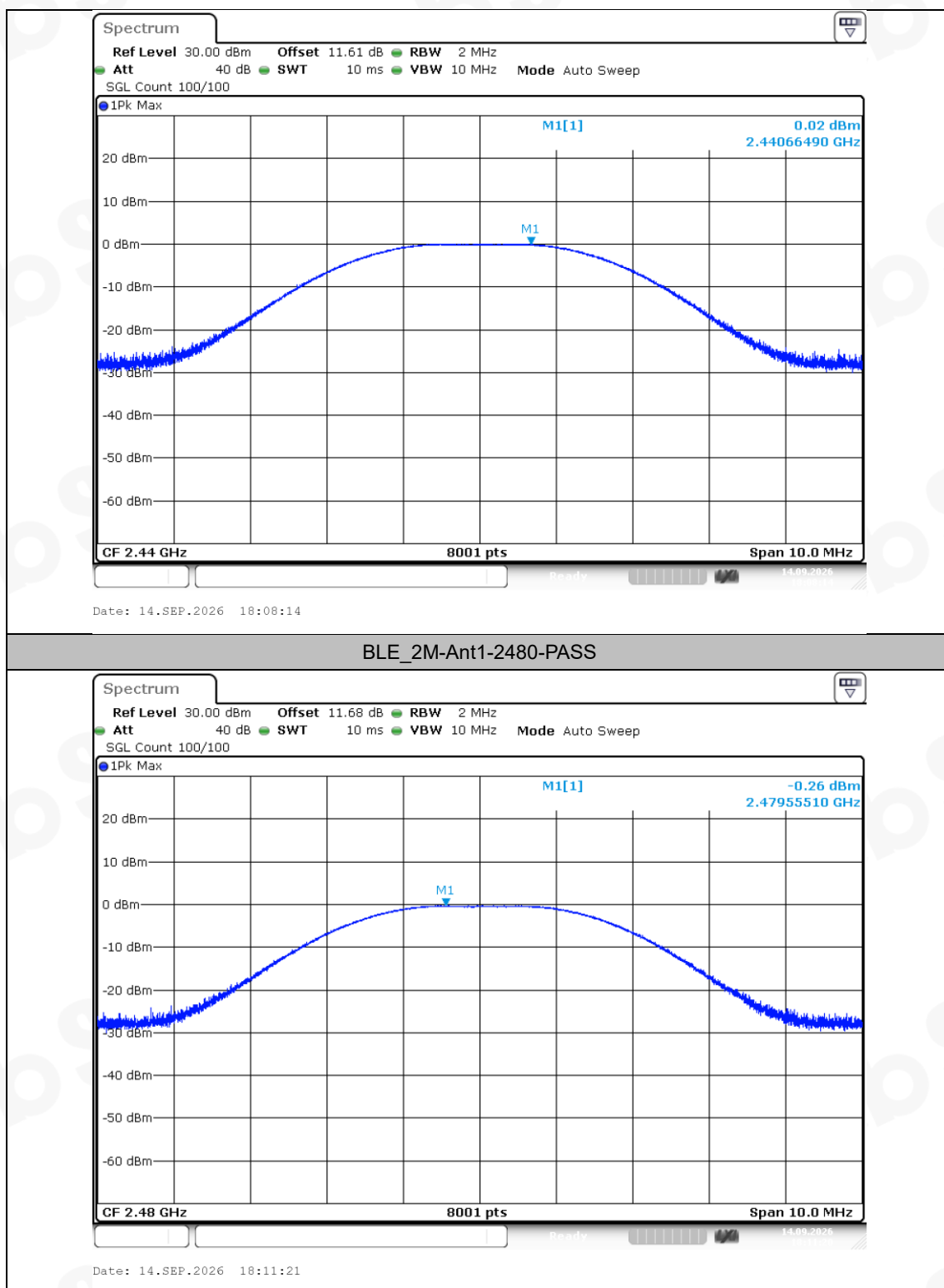




BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS

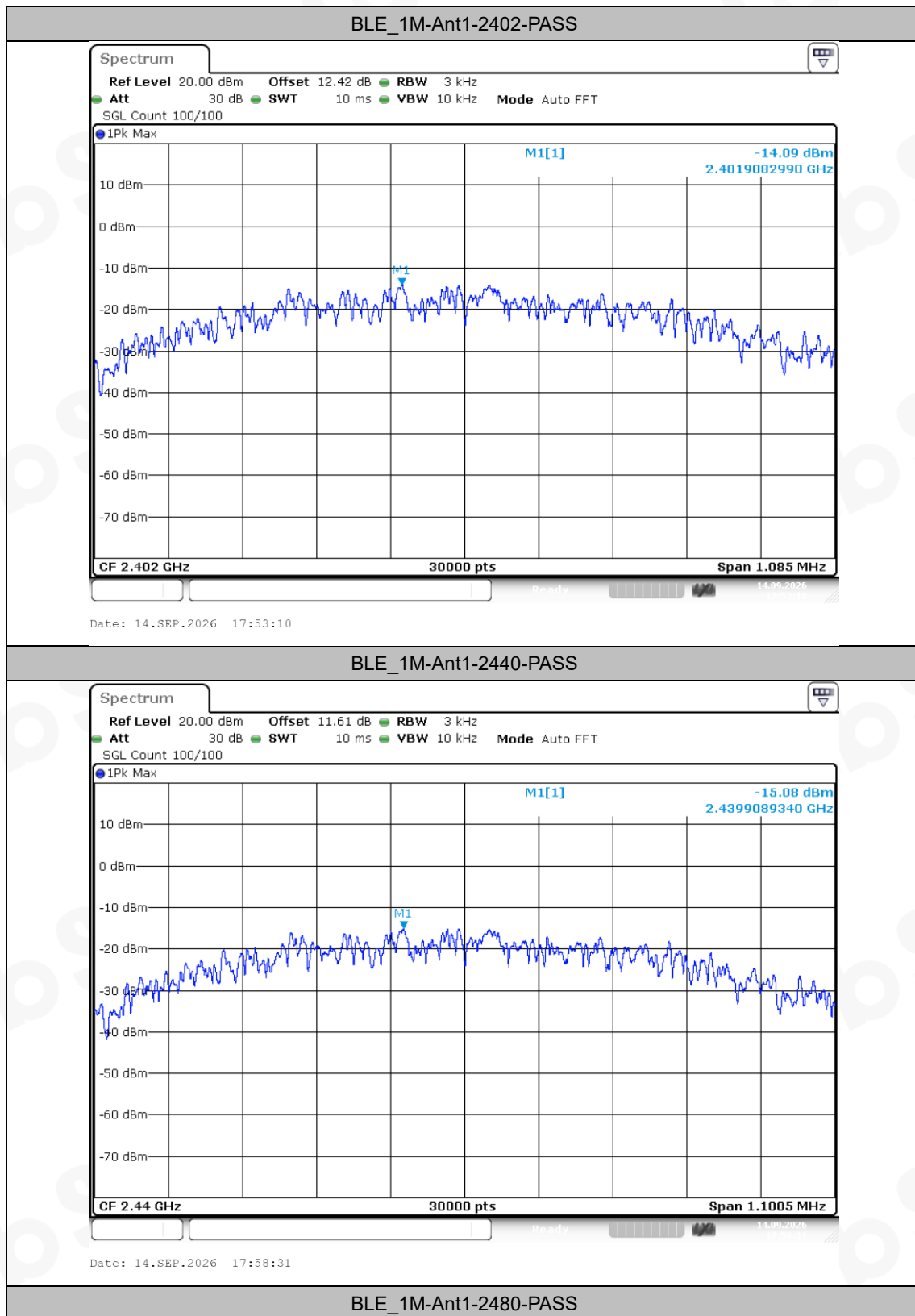


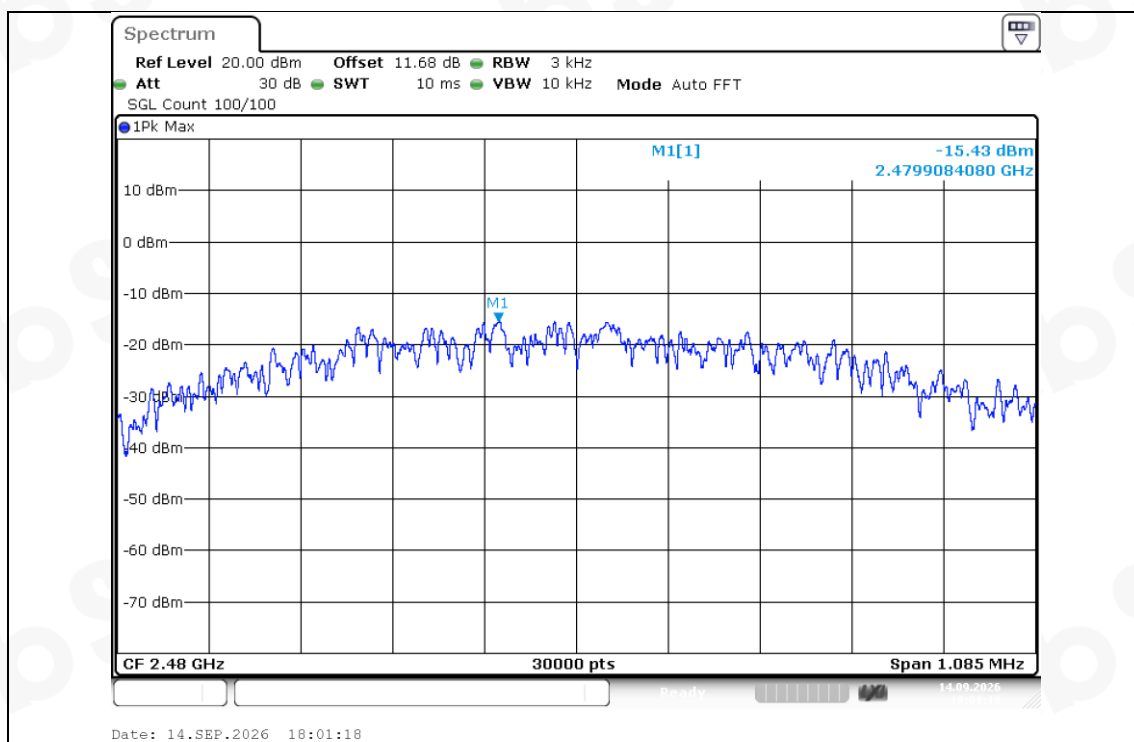
Appendix D: Maximum power spectral density

Test Result

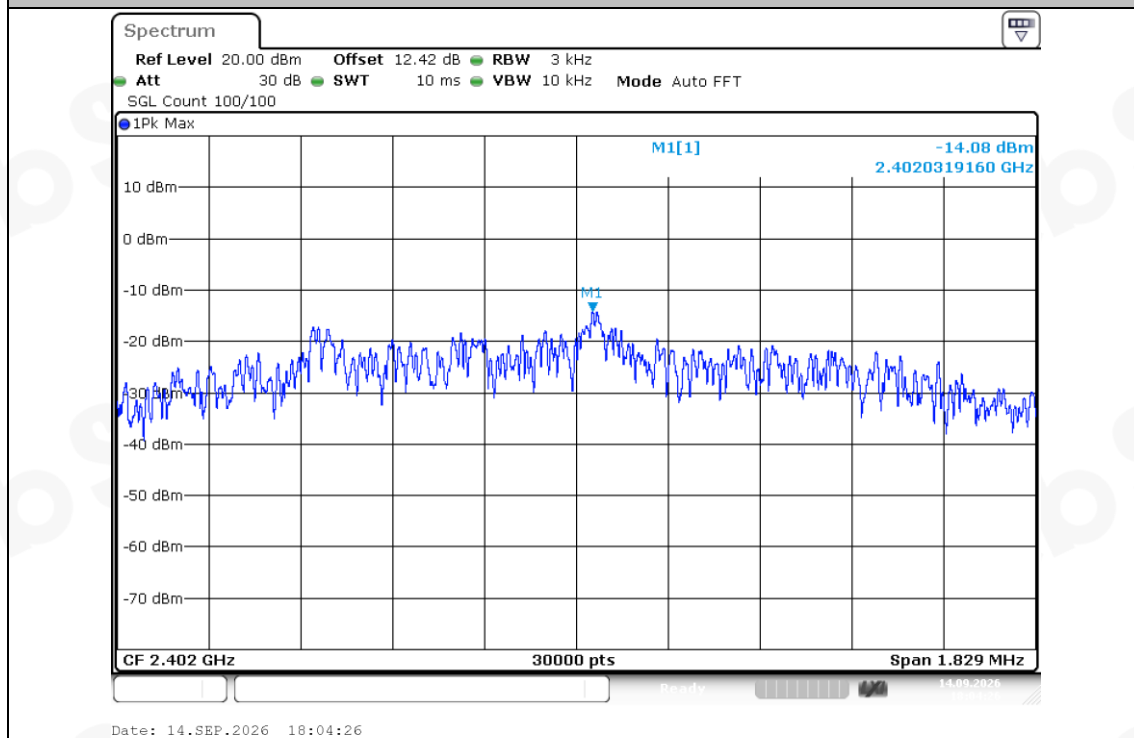
TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-14.09	≤8.00	PASS
BLE_1M	Ant1	2440	-15.08	≤8.00	PASS
BLE_1M	Ant1	2480	-15.43	≤8.00	PASS
BLE_2M	Ant1	2402	-14.08	≤8.00	PASS
BLE_2M	Ant1	2440	-15.25	≤8.00	PASS
BLE_2M	Ant1	2480	-15.70	≤8.00	PASS

Test Graphs

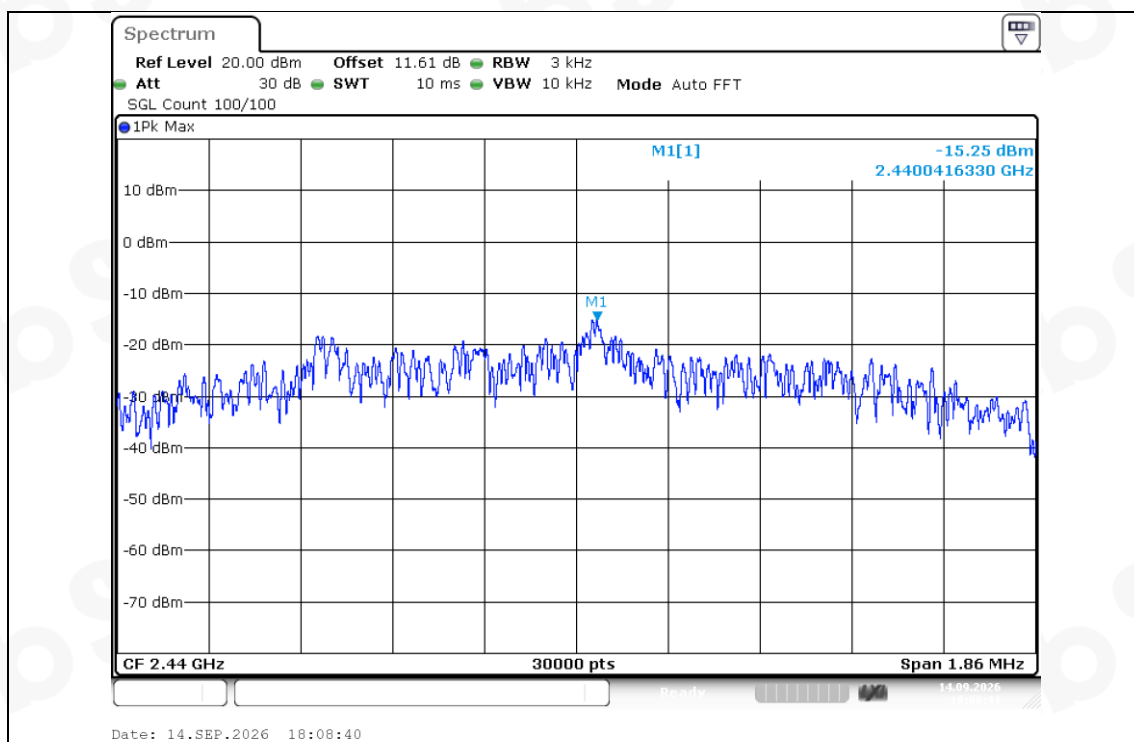




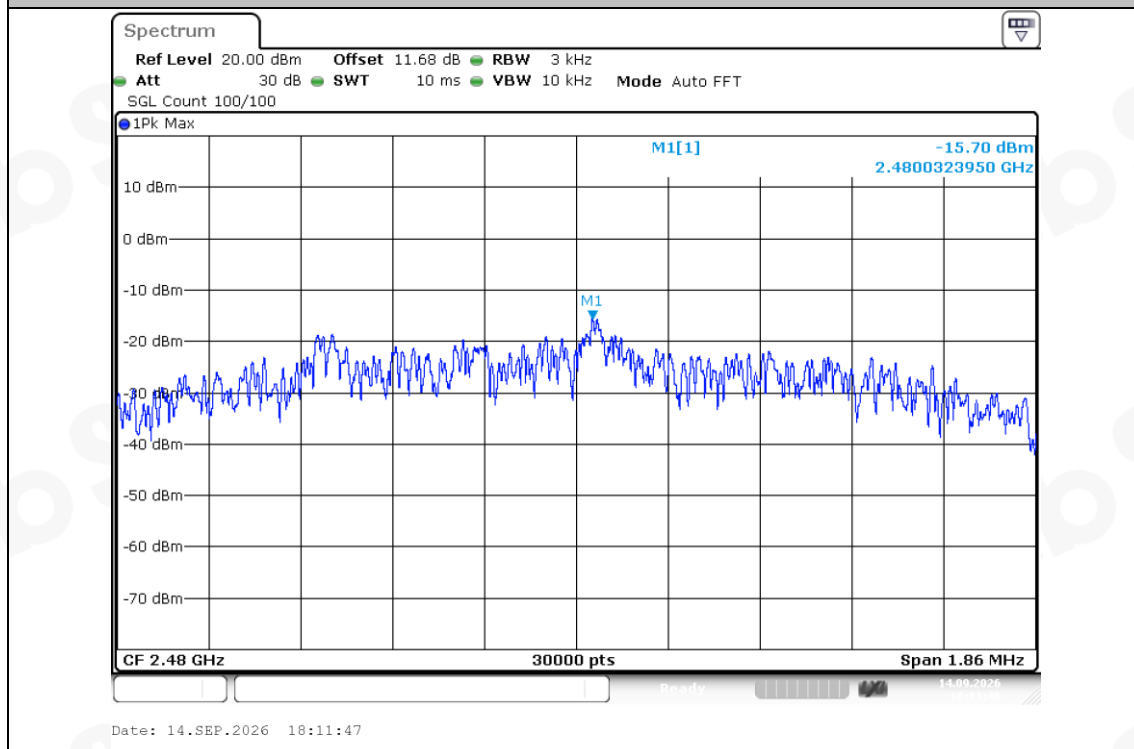
BLE_2M-Ant1-2402-PASS



BLE_2M-Ant1-2440-PASS



BLE_2M-Ant1-2480-PASS

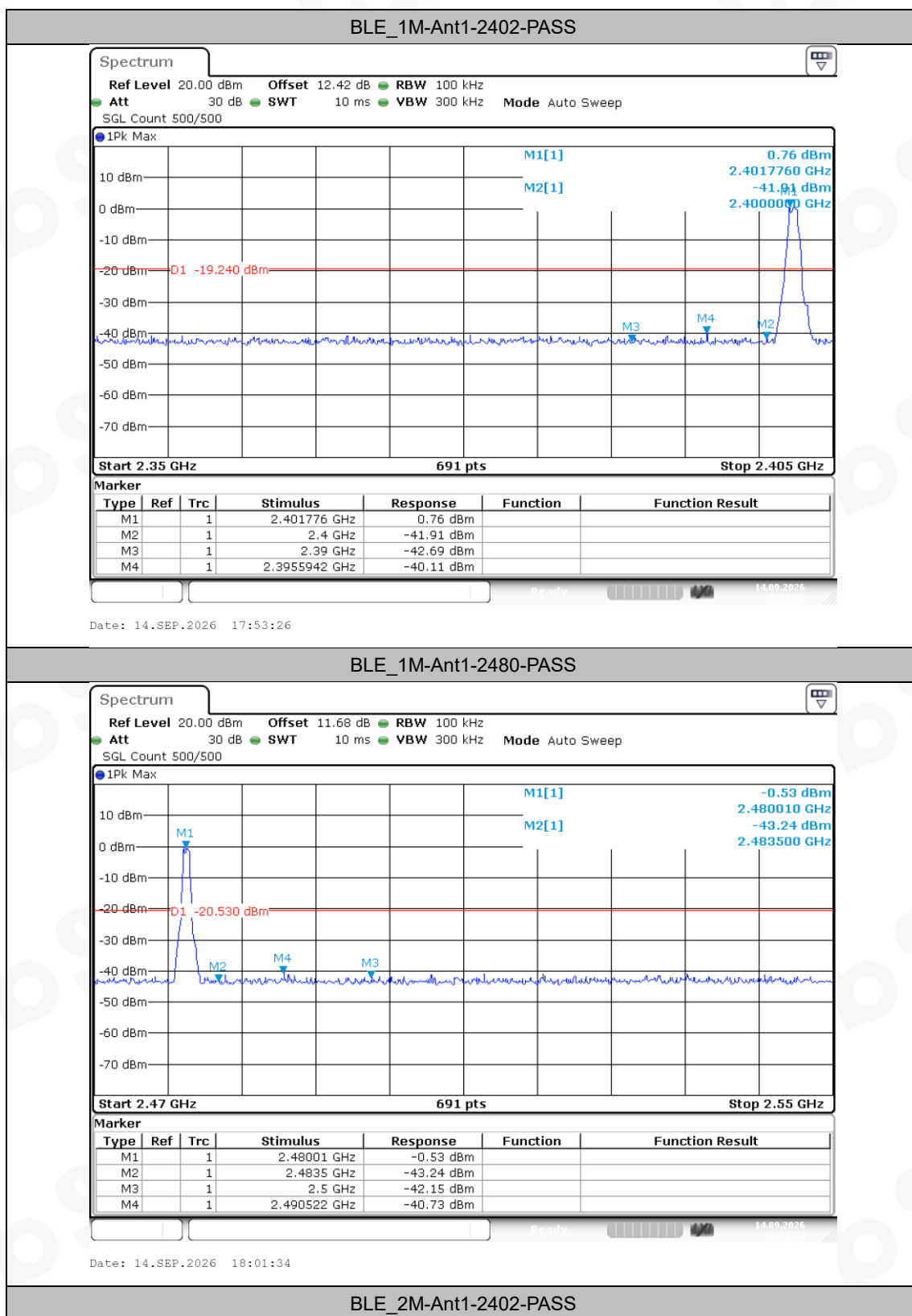


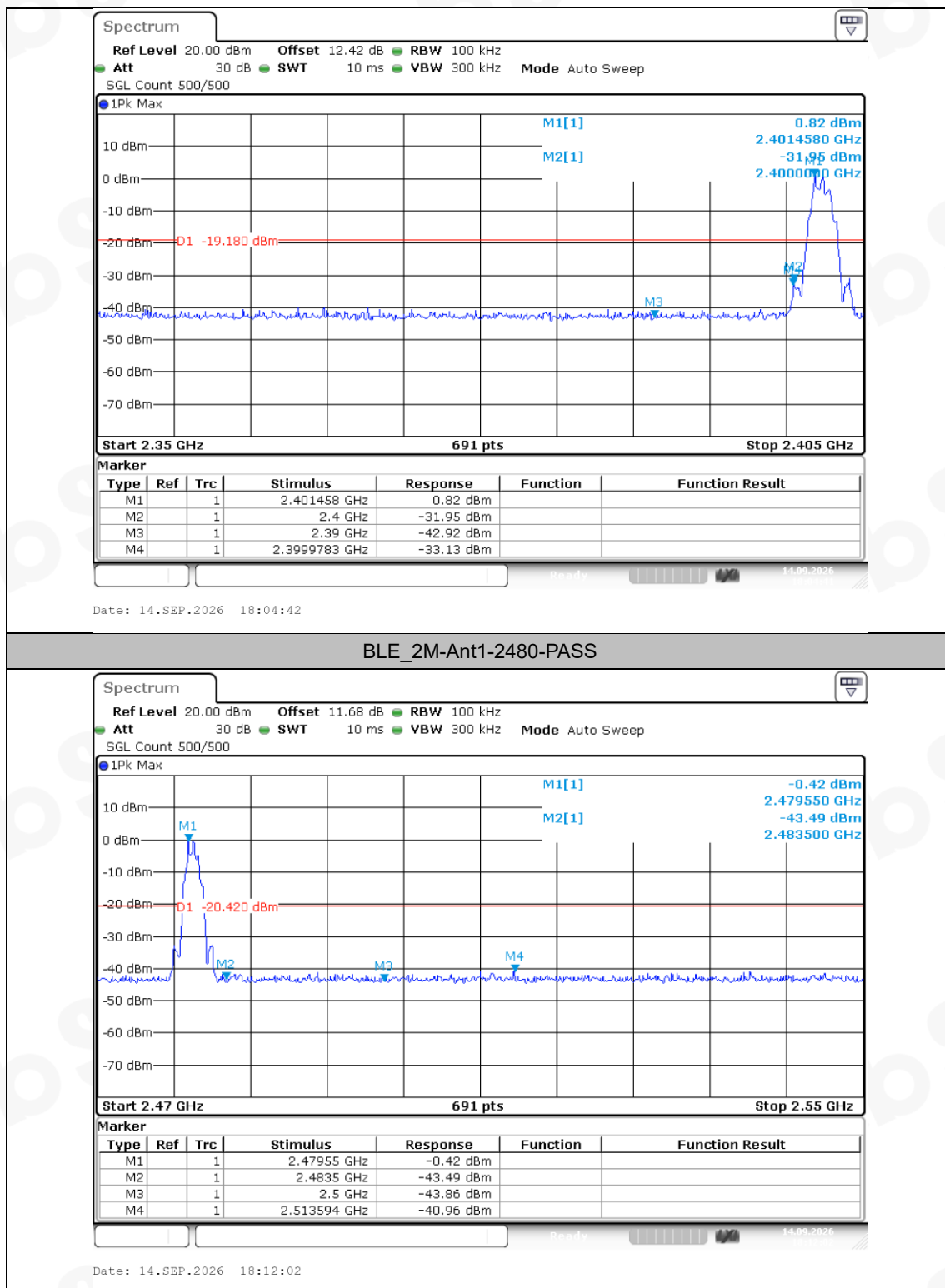
Appendix F: Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	Low	2402	0.76	-40.11	≤ -19.24	PASS
BLE_1M	Ant1	High	2480	-0.53	-40.73	≤ -20.53	PASS
BLE_2M	Ant1	Low	2402	0.82	-33.13	≤ -19.18	PASS
BLE_2M	Ant1	High	2480	-0.42	-40.96	≤ -20.42	PASS

Test Graphs



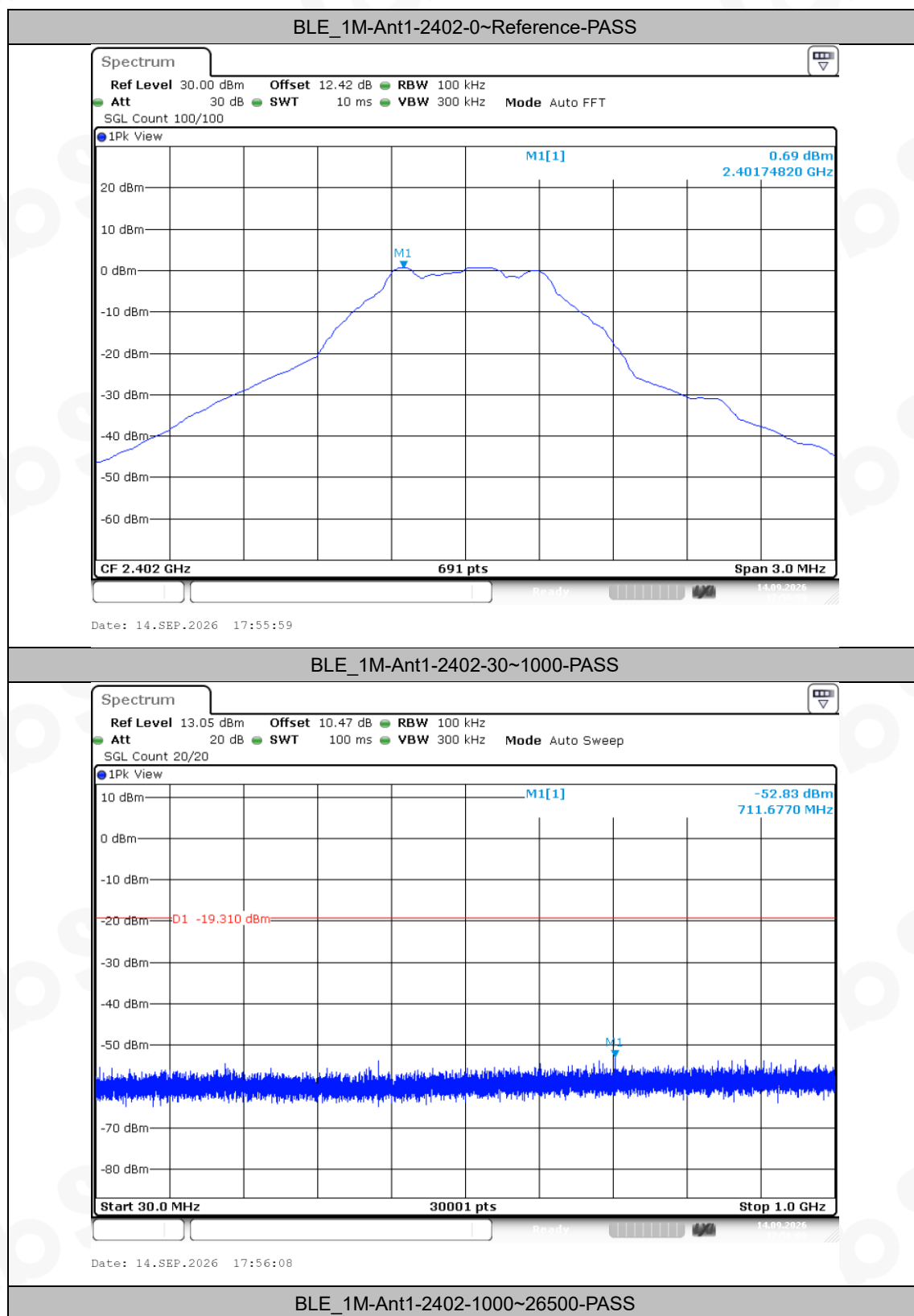


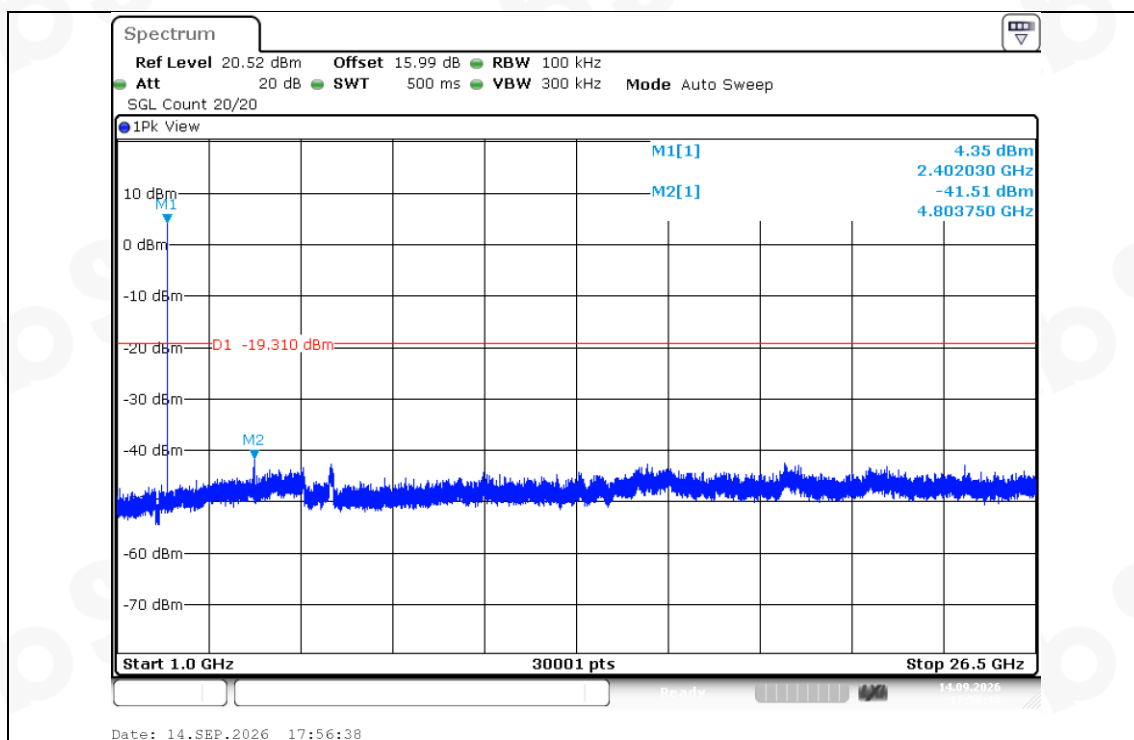
Appendix G: Conducted Spurious Emission

Test Result

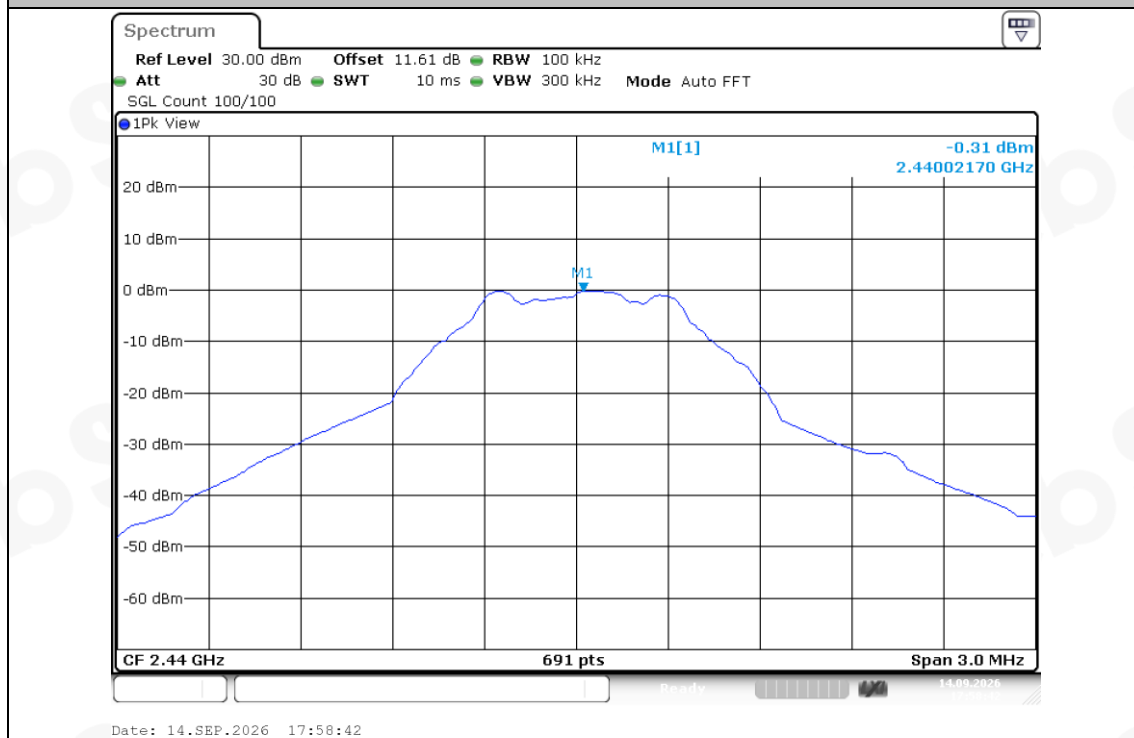
TestMode	Antenna	Frequency [MHz]	FreqRange [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
BLE_1M	Ant1	2402	0~Reference	0.69	0.69	---	PASS
BLE_1M	Ant1	2402	30~1000	0.69	-52.83	≤-19.31	PASS
BLE_1M	Ant1	2402	1000~26500	0.69	-41.51	≤-19.31	PASS
BLE_1M	Ant1	2440	0~Reference	-0.31	-0.31	---	PASS
BLE_1M	Ant1	2440	30~1000	-0.31	-53.46	≤-20.31	PASS
BLE_1M	Ant1	2440	1000~26500	-0.31	-41.46	≤-20.31	PASS
BLE_1M	Ant1	2480	0~Reference	-0.64	-0.64	---	PASS
BLE_1M	Ant1	2480	30~1000	-0.64	-53.83	≤-20.64	PASS
BLE_1M	Ant1	2480	1000~26500	-0.64	-41.79	≤-20.64	PASS
BLE_2M	Ant1	2402	0~Reference	0.71	0.71	---	PASS
BLE_2M	Ant1	2402	30~1000	0.71	-54.19	≤-19.29	PASS
BLE_2M	Ant1	2402	1000~26500	0.71	-40.14	≤-19.29	PASS
BLE_2M	Ant1	2440	0~Reference	-0.29	-0.29	---	PASS
BLE_2M	Ant1	2440	30~1000	-0.29	-54.17	≤-20.29	PASS
BLE_2M	Ant1	2440	1000~26500	-0.29	-41.03	≤-20.29	PASS
BLE_2M	Ant1	2480	0~Reference	-0.61	-0.61	---	PASS
BLE_2M	Ant1	2480	30~1000	-0.61	-52.99	≤-20.61	PASS
BLE_2M	Ant1	2480	1000~26500	-0.61	-40.67	≤-20.61	PASS

Test Graphs

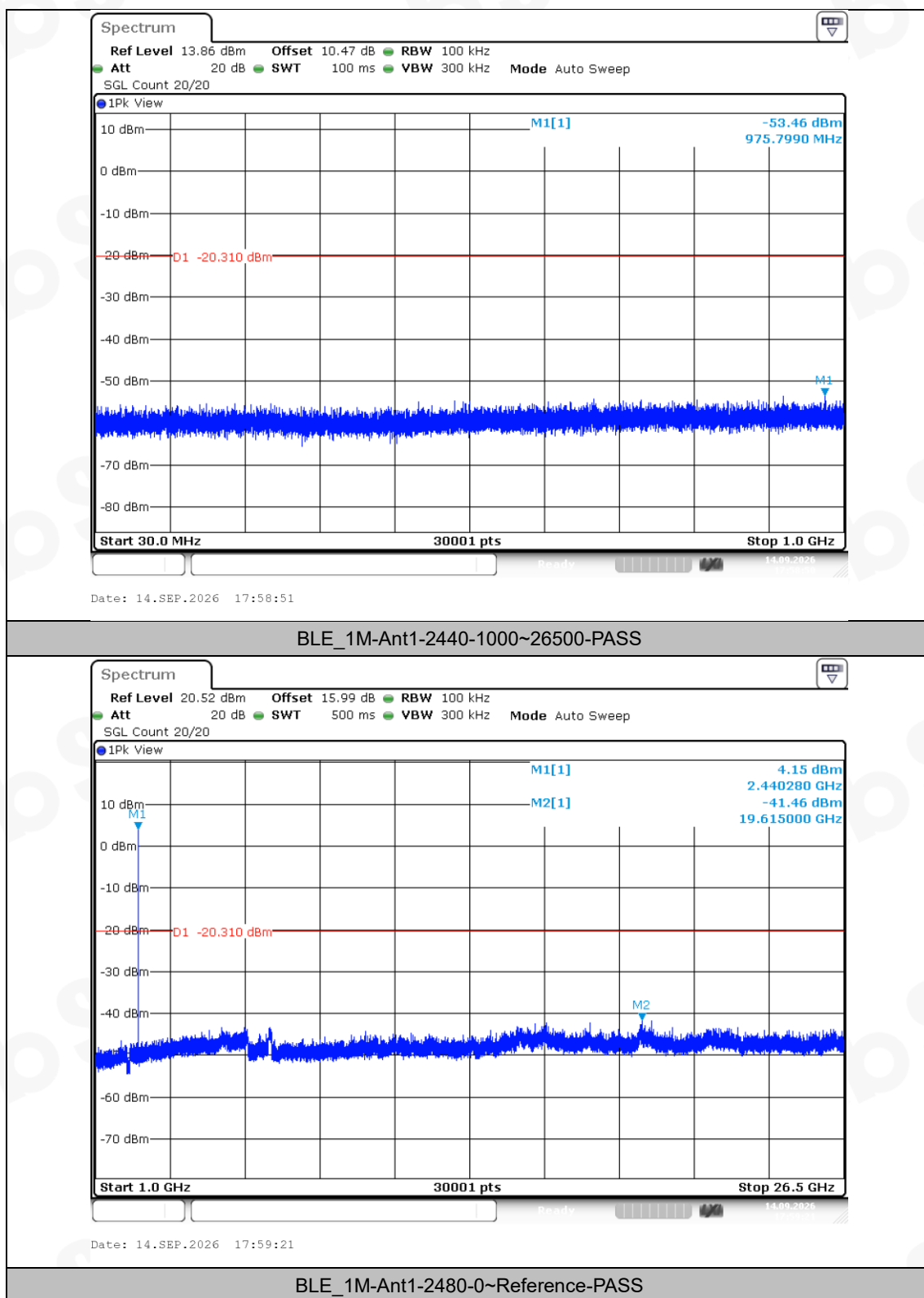


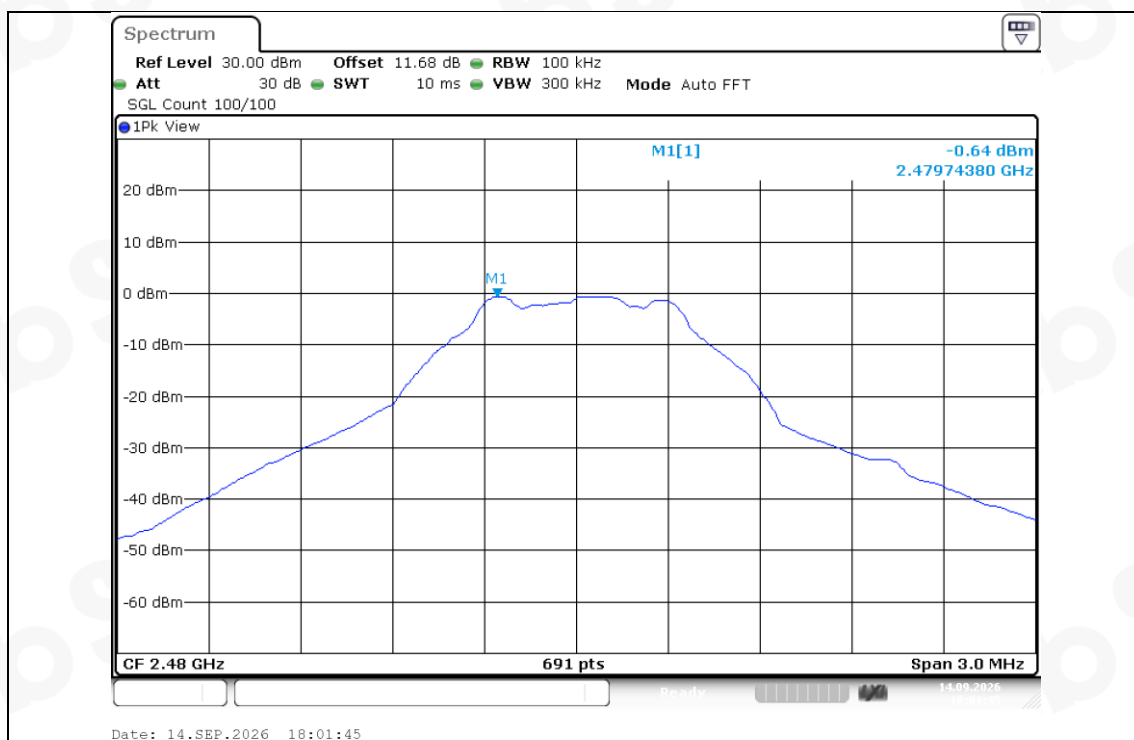


BLE_1M-Ant1-2440-0~Reference-PASS

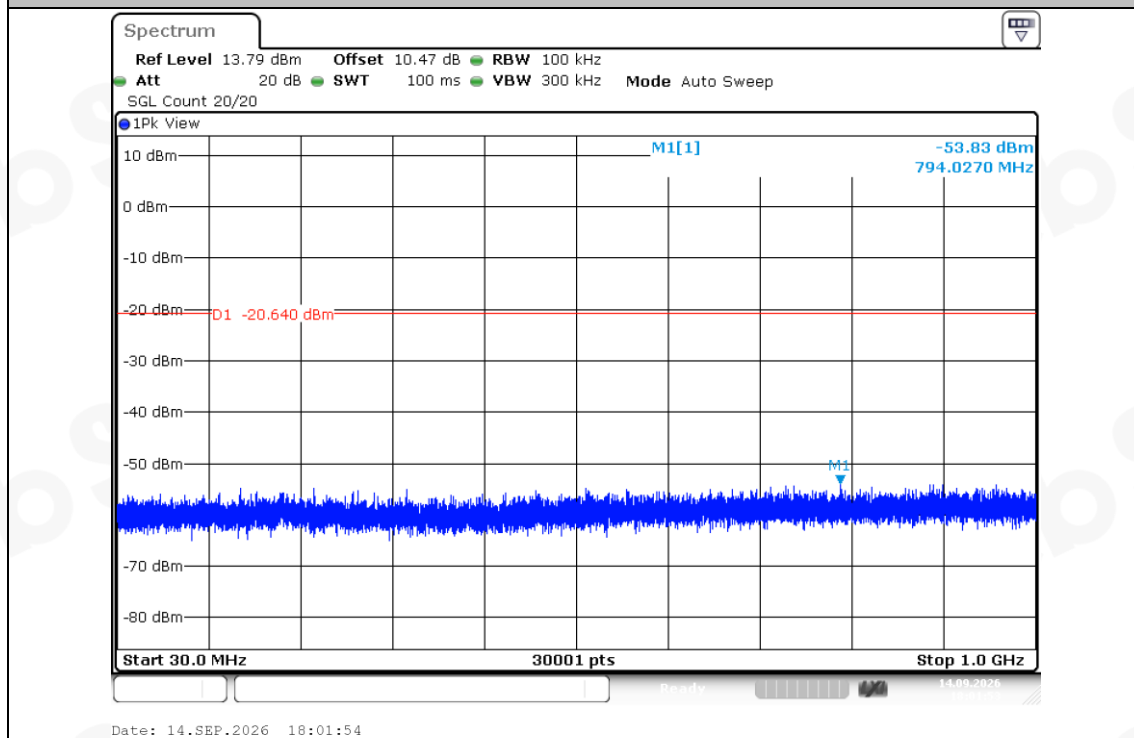


BLE_1M-Ant1-2440-30~1000-PASS

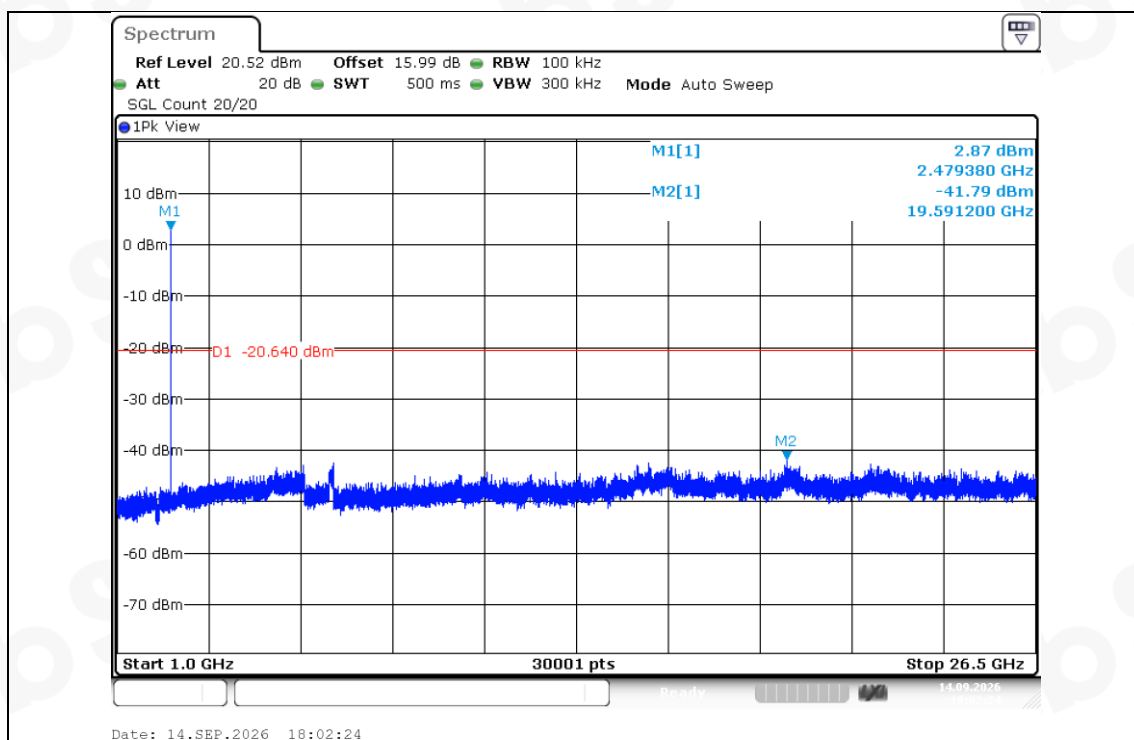




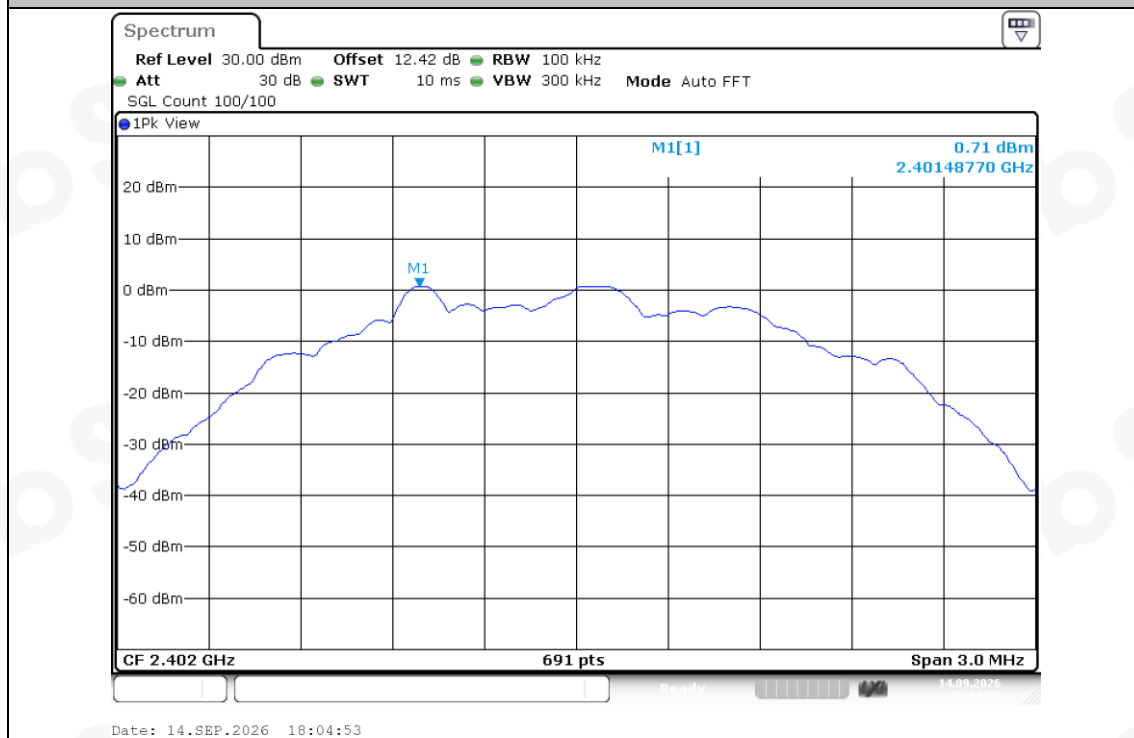
BLE_1M-Ant1-2480-30~1000-PASS



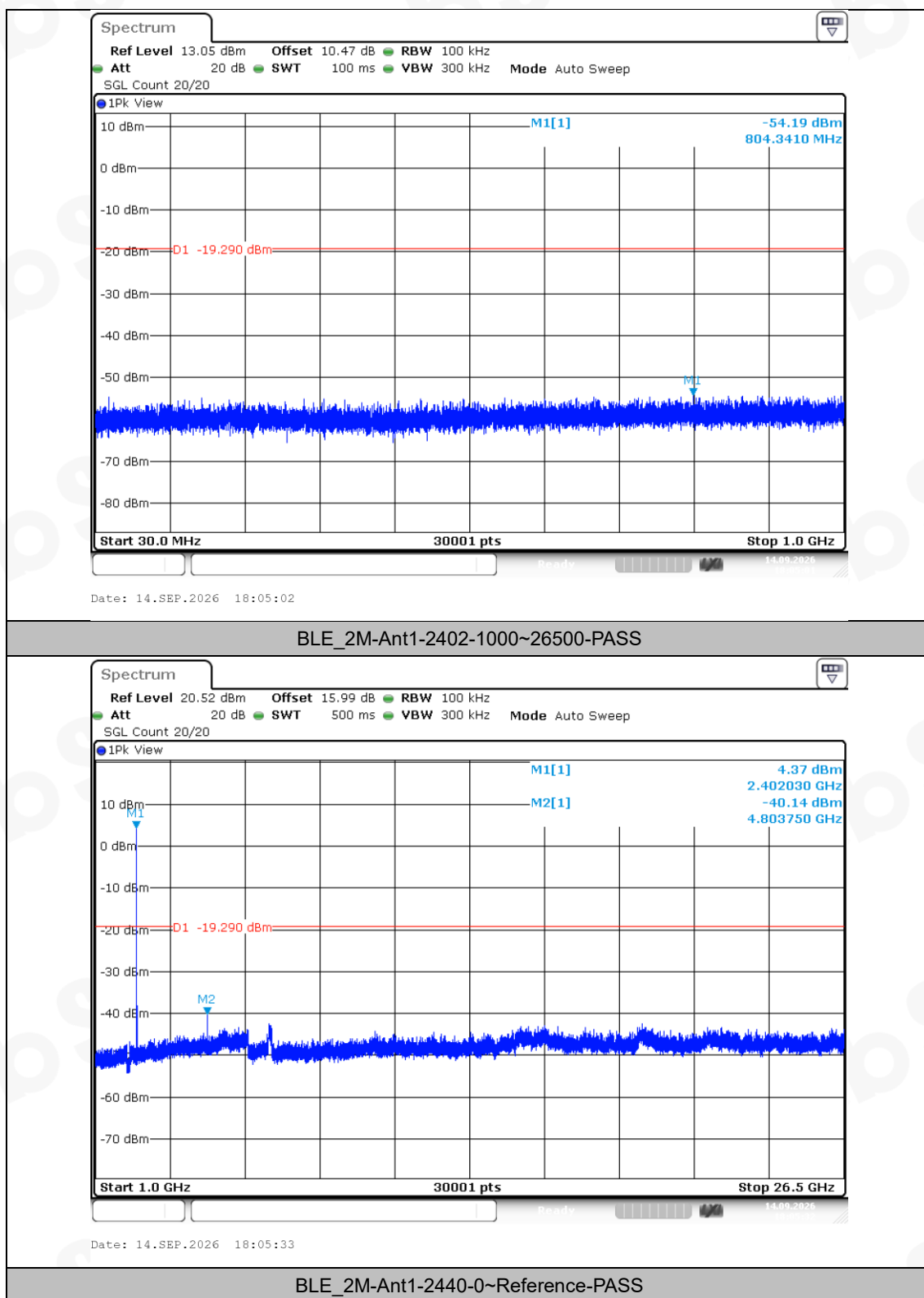
BLE_1M-Ant1-2480-1000~26500-PASS

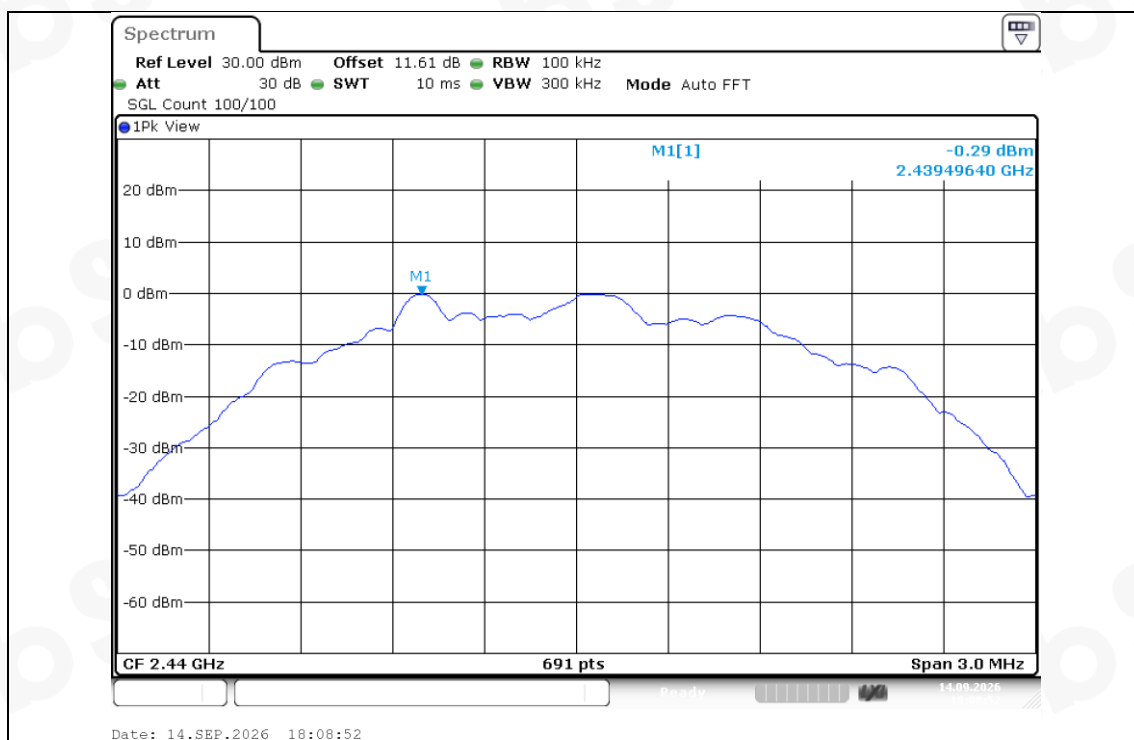


BLE_2M-Ant1-2402-0~Reference-PASS

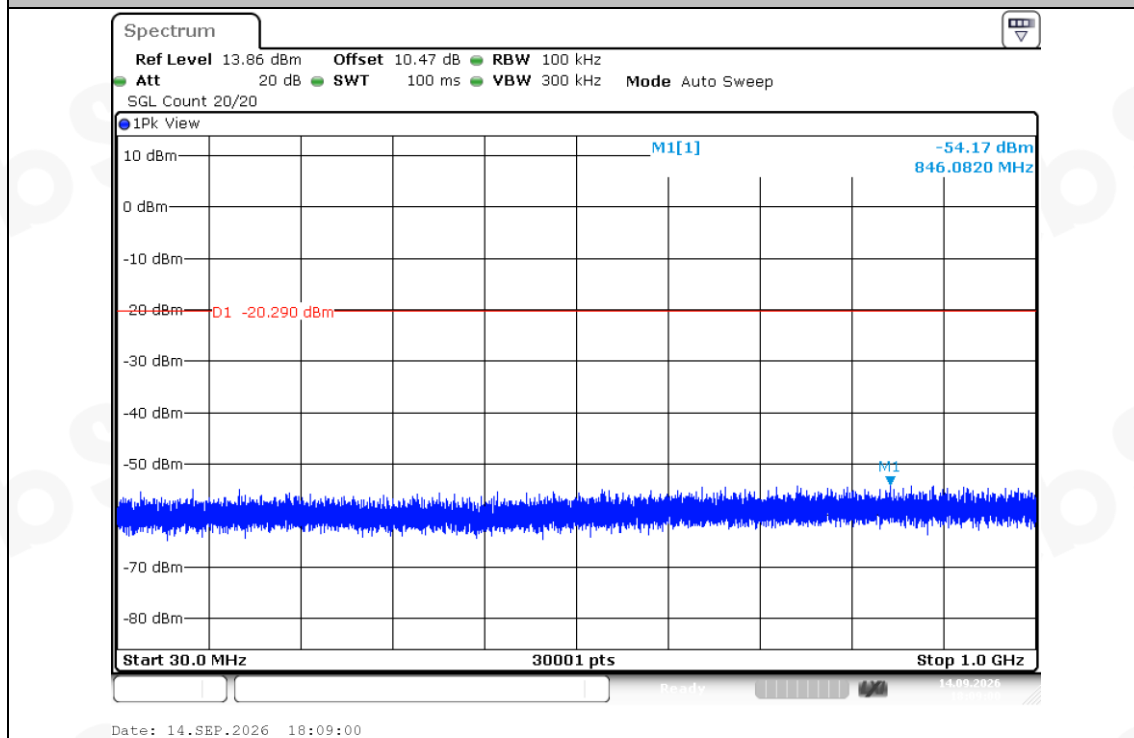


BLE_2M-Ant1-2402-30~1000-PASS

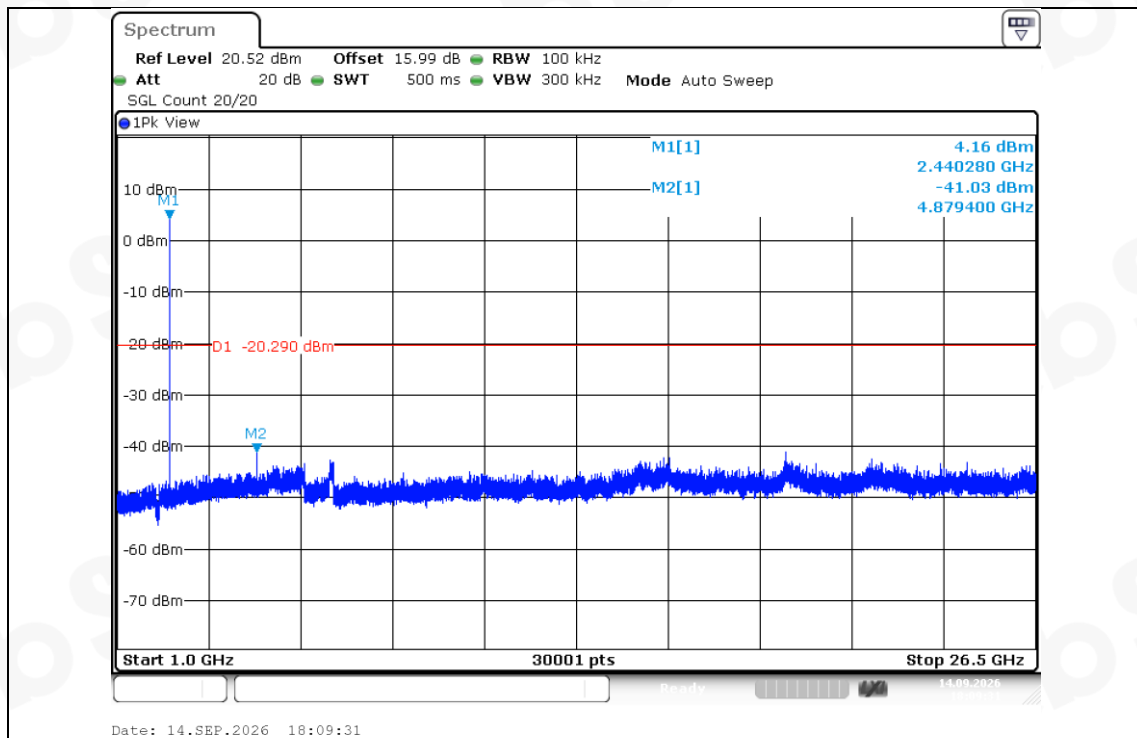




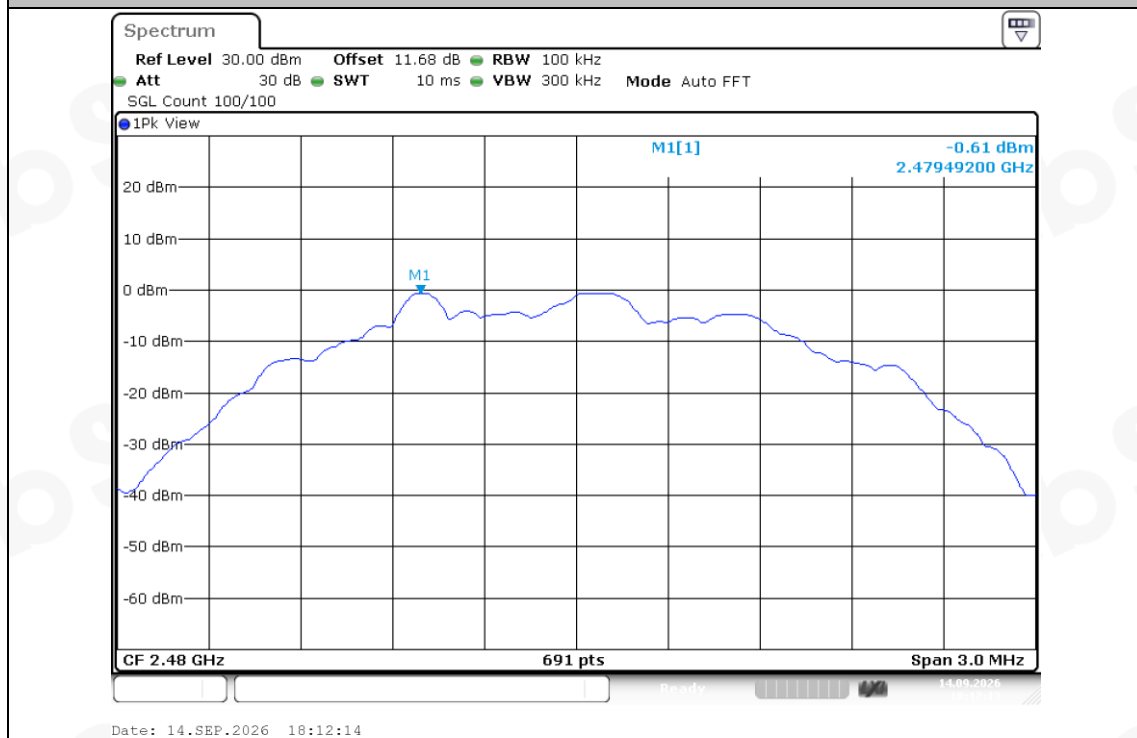
BLE_2M-Ant1-2440-30~1000-PASS



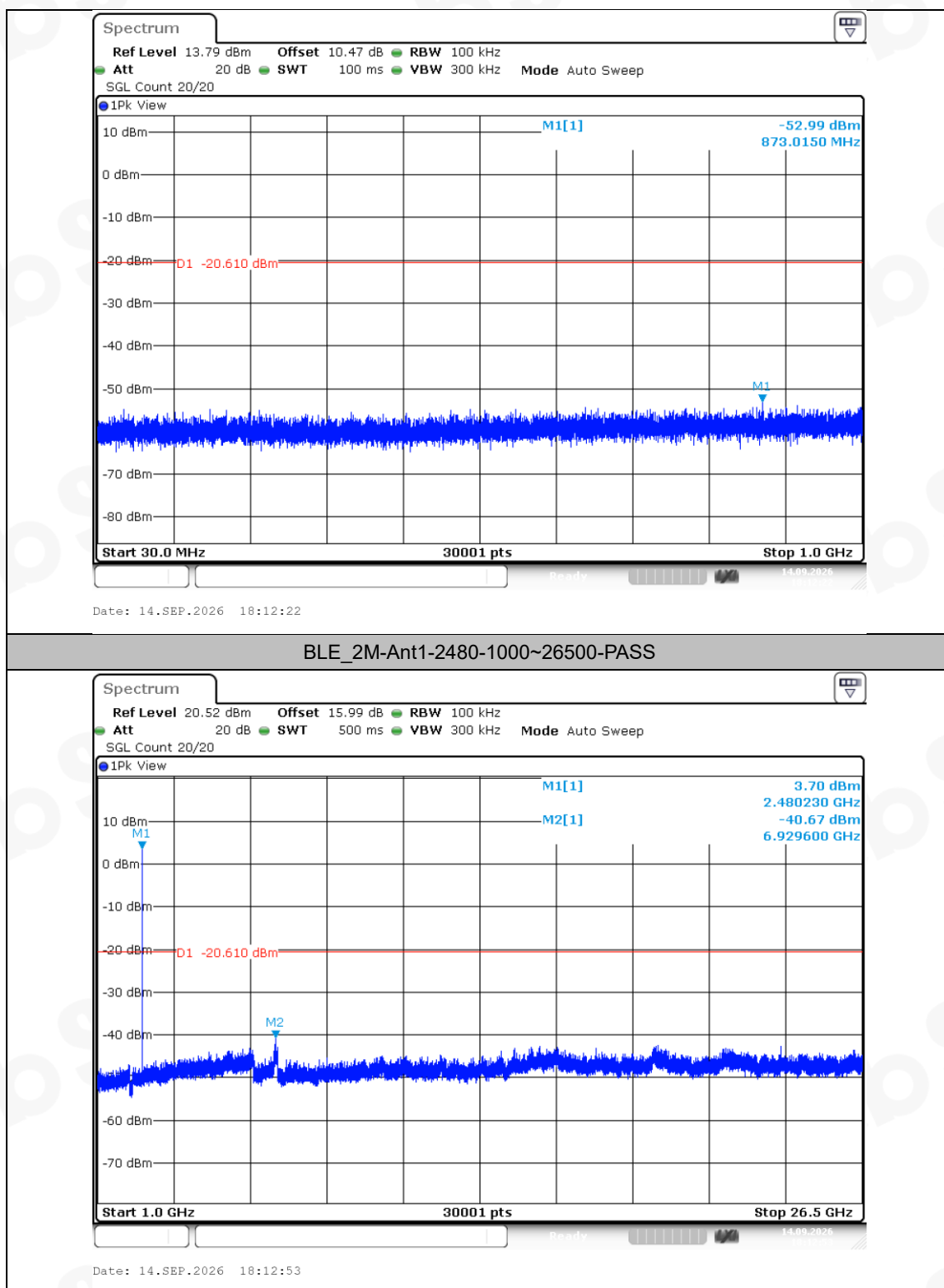
BLE_2M-Ant1-2440-1000~26500-PASS



BLE_2M-Ant1-2480-0~Reference-PASS



BLE_2M-Ant1-2480-30~1000-PASS

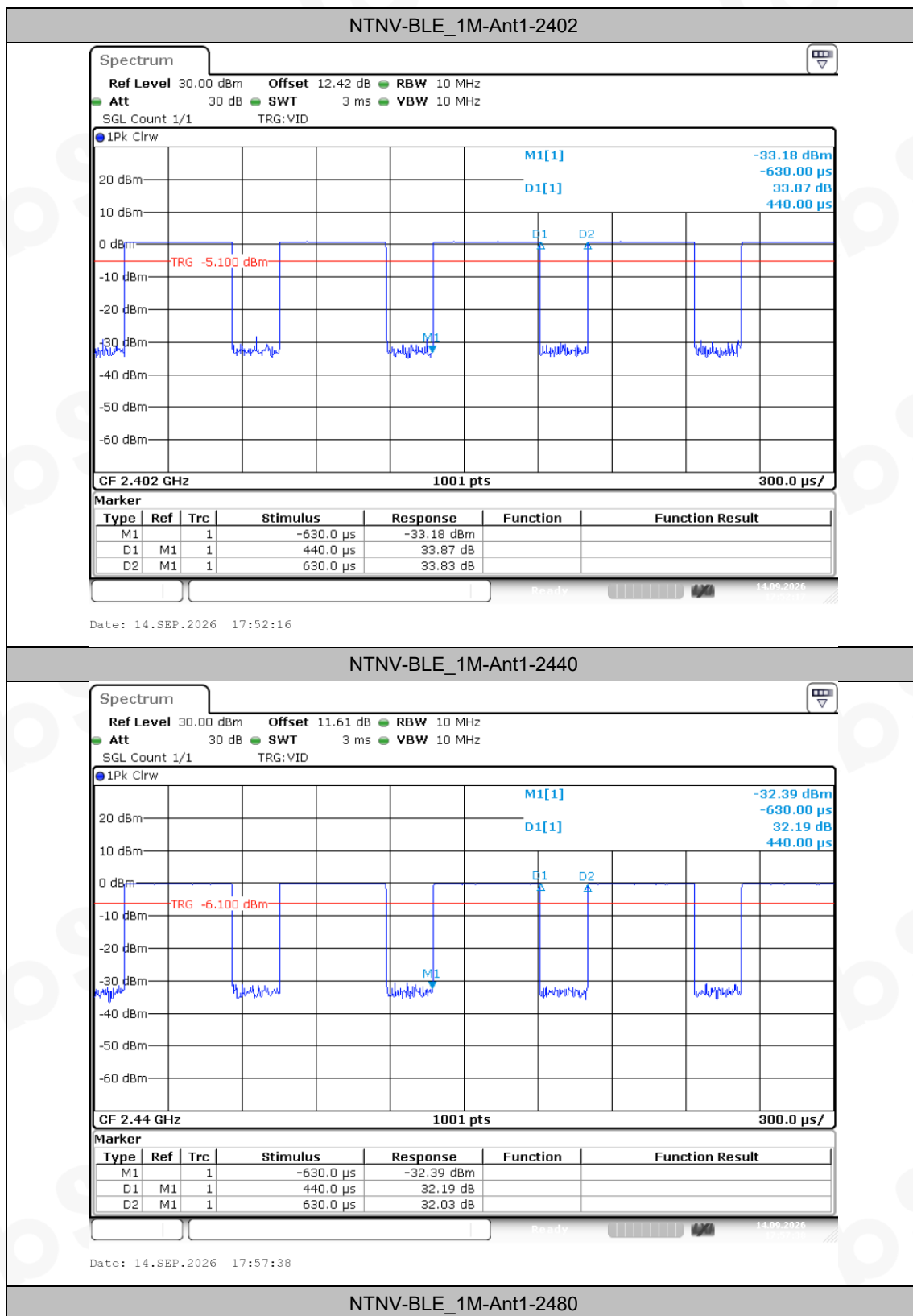


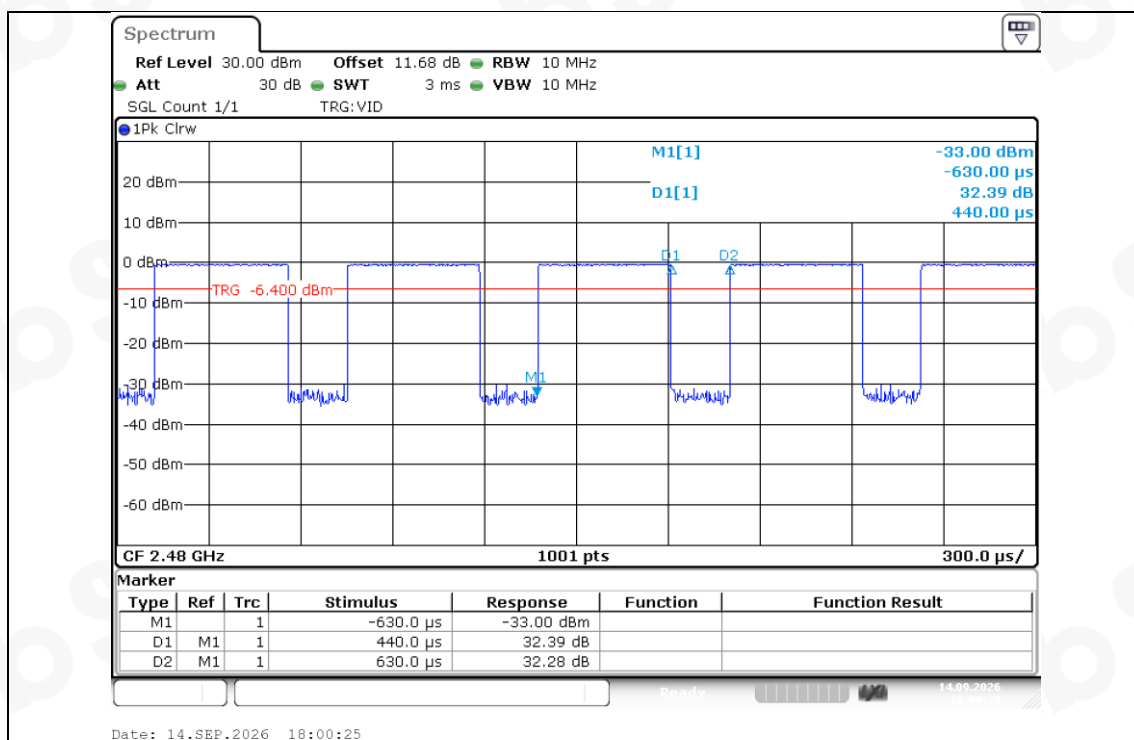
Appendix H: Duty Cycle

Test Result

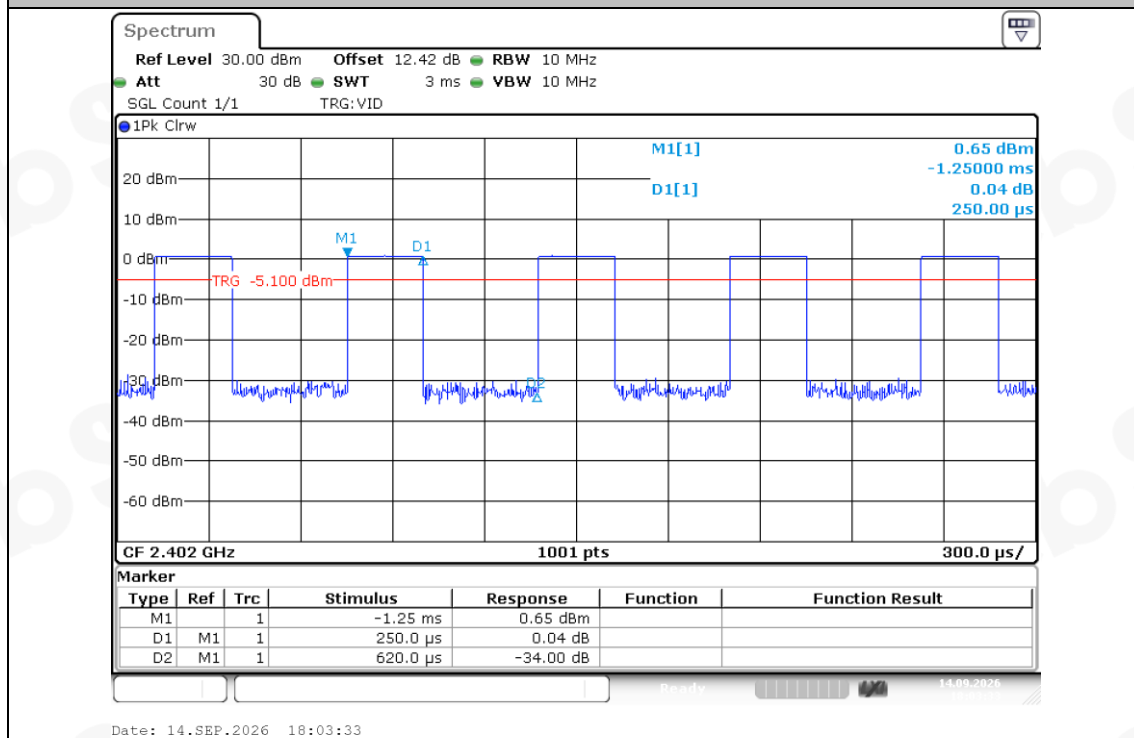
TestMode	Antenna	Frequency [MHz]	ON Time [ms]	Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]
BLE_1M	Ant1	2402	0.44	0.63	69.84	1.56
BLE_1M	Ant1	2440	0.44	0.63	69.84	1.56
BLE_1M	Ant1	2480	0.44	0.63	69.84	1.56
BLE_2M	Ant1	2402	0.25	0.62	40.32	3.94
BLE_2M	Ant1	2440	0.25	0.62	40.32	3.94
BLE_2M	Ant1	2480	0.25	0.62	40.32	3.94

Test Graphs

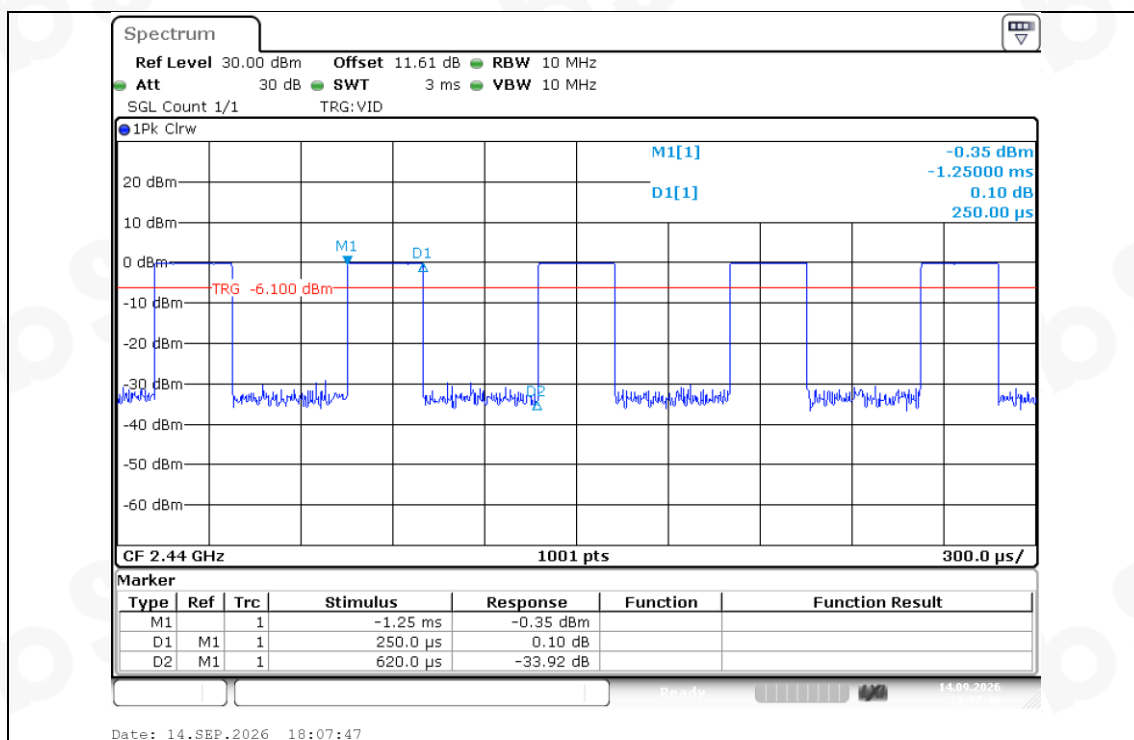




NTNV-BLE_2M-Ant1-2402



NTNV-BLE_2M-Ant1-2440



NTNV-BLE_2M-Ant1-2480

