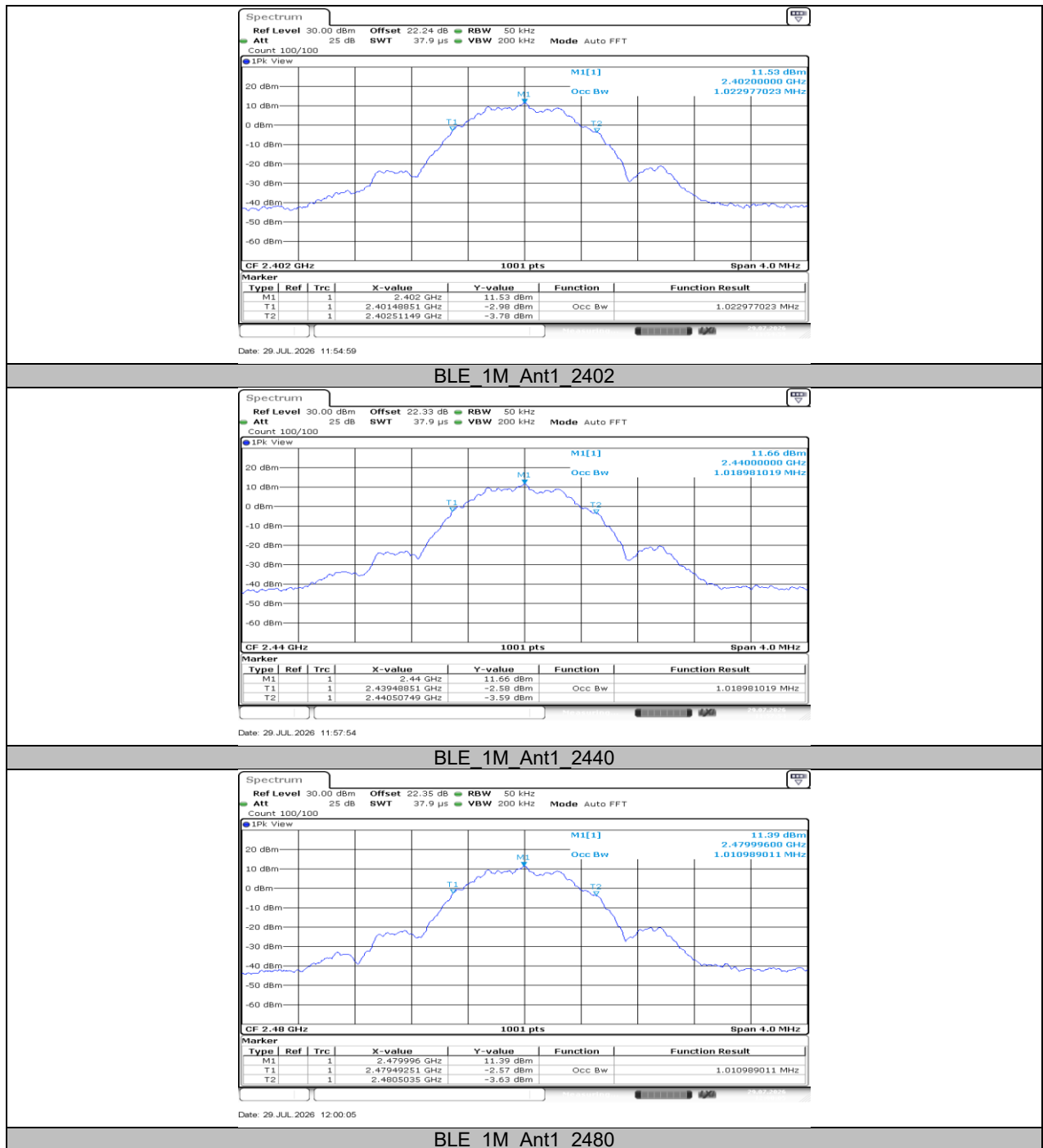
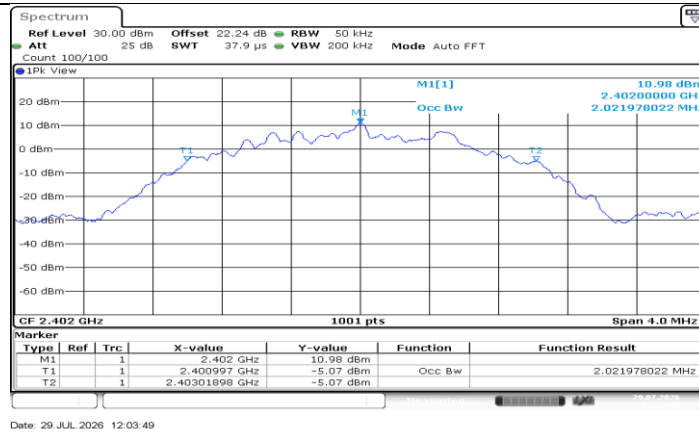
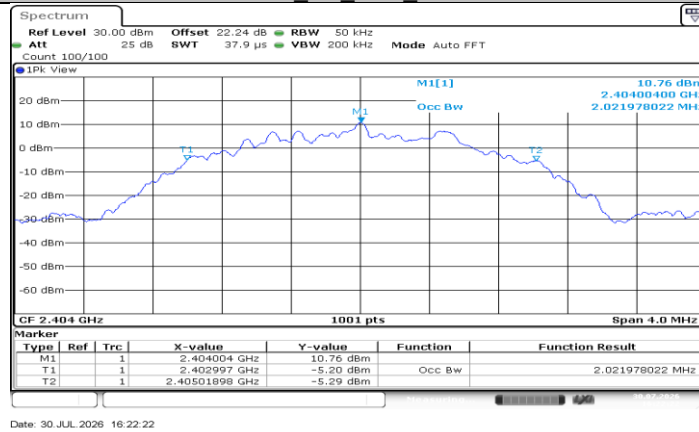


12.2.2. Test Graphs

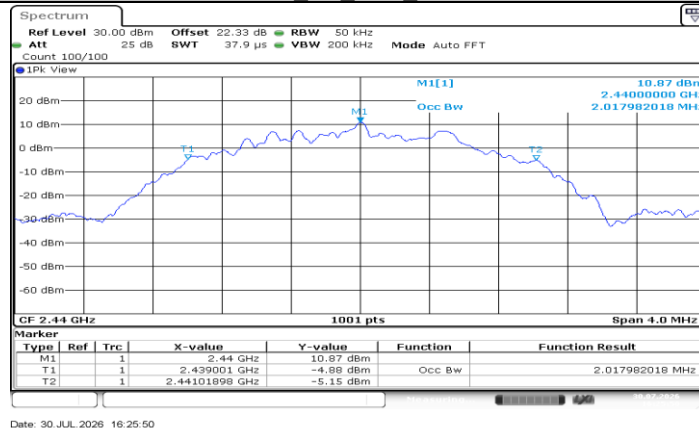




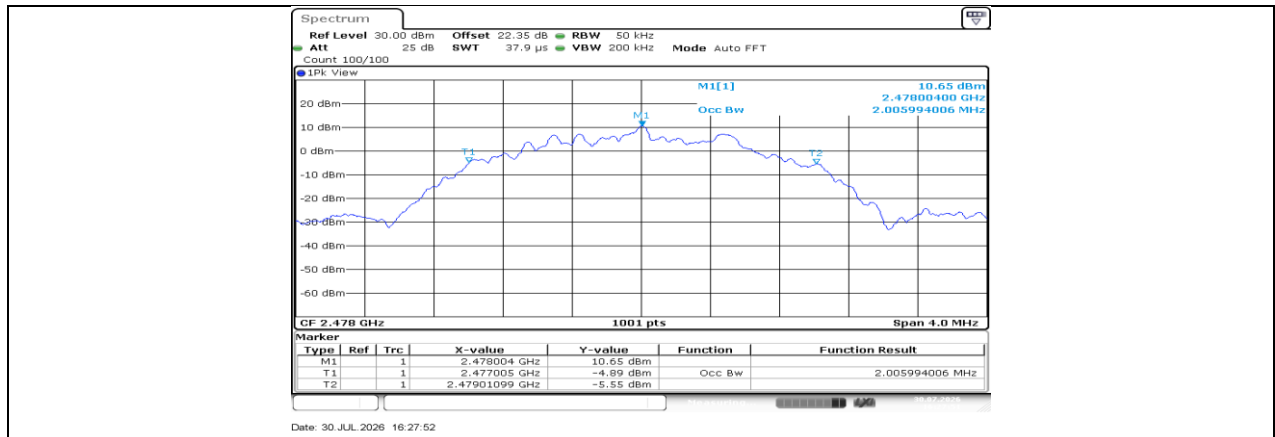
BLE 2M Ant1 2402



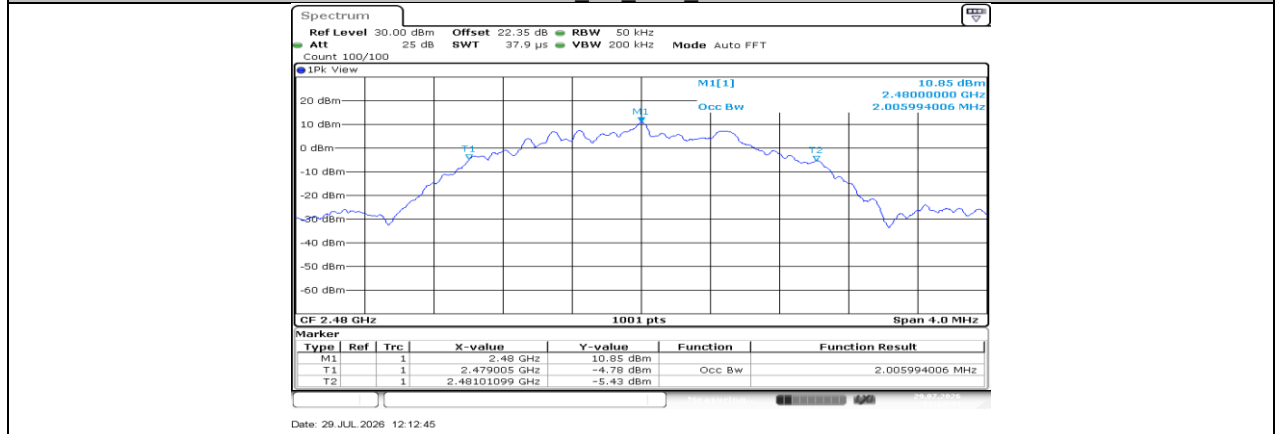
BLE 2M Ant1 2404



BLE 2M Ant1 2440



BLE 2M Ant1 2478



BLE 2M Ant1 2480

12.3. APPENDIX C2: MAXIMUM CONDUCTED OUTPUT POWER

12.3.1. Test Result

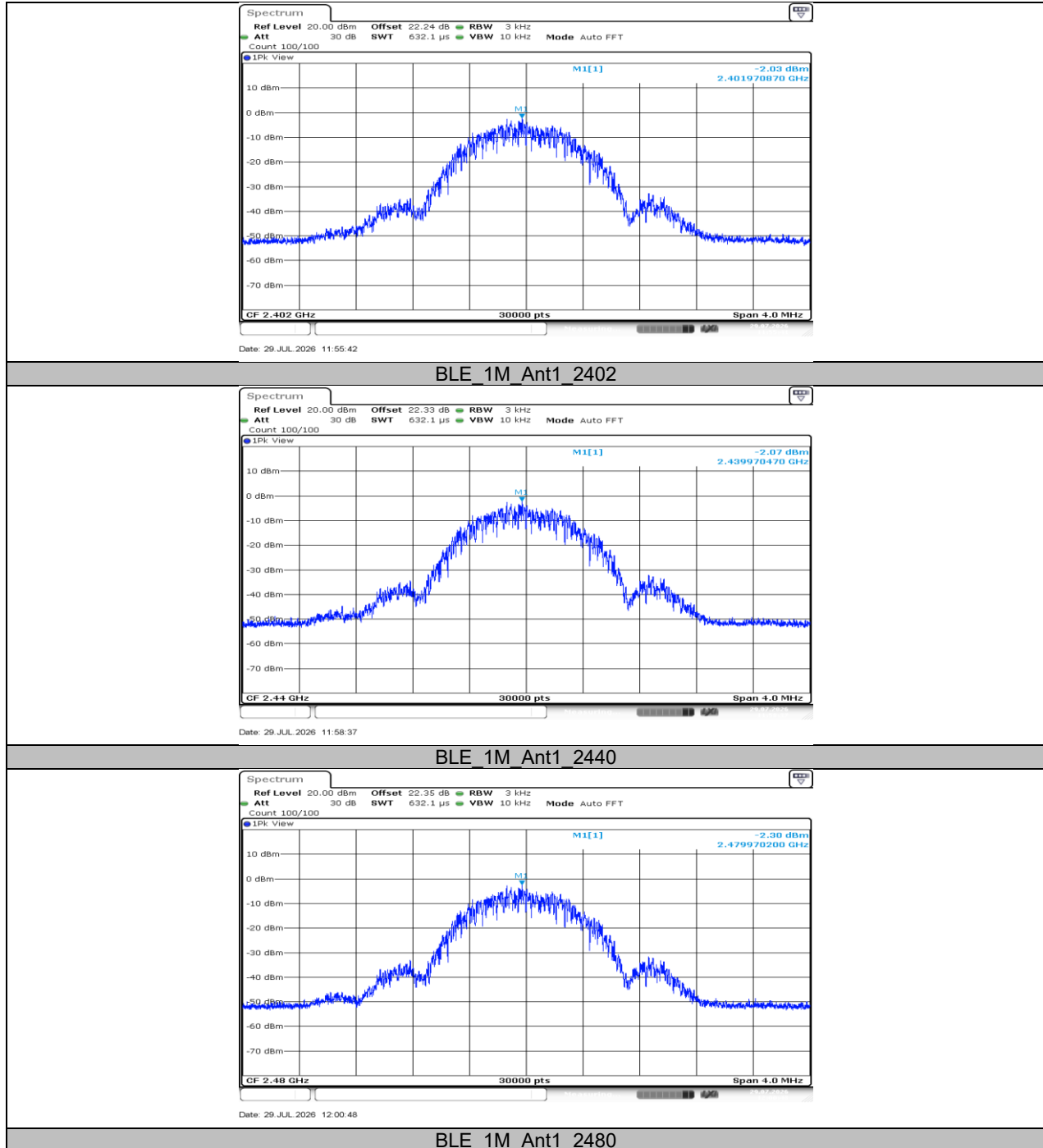
Test Mode	Antenna	Frequency[MHz]	Peak Output Power Result[dBm]	AVG Output Power Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	13.05	12.63	≤30	PASS
		2440	13.17	12.67	≤30	PASS
		2480	12.91	12.43	≤30	PASS
BLE_2M	Ant1	2404	12.84	12.37	≤30	PASS
		2440	12.98	12.44	≤30	PASS
		2478	12.74	12.28	≤30	PASS

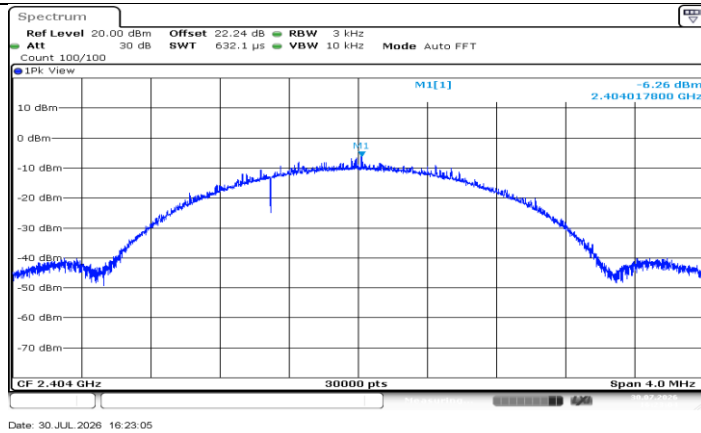
12.4. APPENDIX D2: MAXIMUM POWER SPECTRAL DENSITY

12.4.1. Test Result

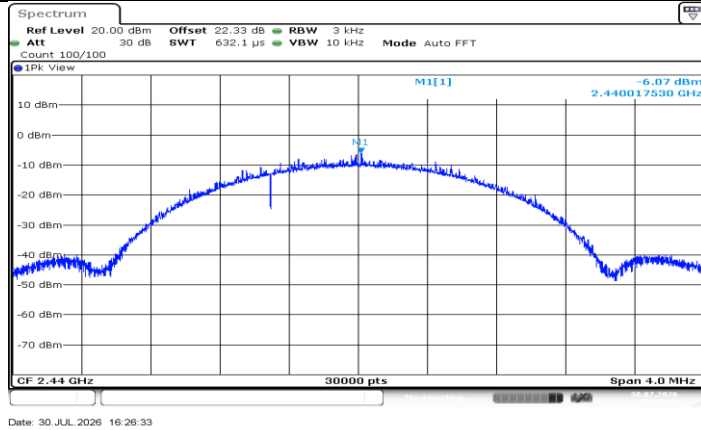
Test Mode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-2.03	≤8.00	PASS
		2440	-2.07	≤8.00	PASS
		2480	-2.30	≤8.00	PASS
BLE_2M	Ant1	2404	-6.26	≤8.00	PASS
		2440	-6.07	≤8.00	PASS
		2478	-6.38	≤8.00	PASS

12.4.2. Test Graphs

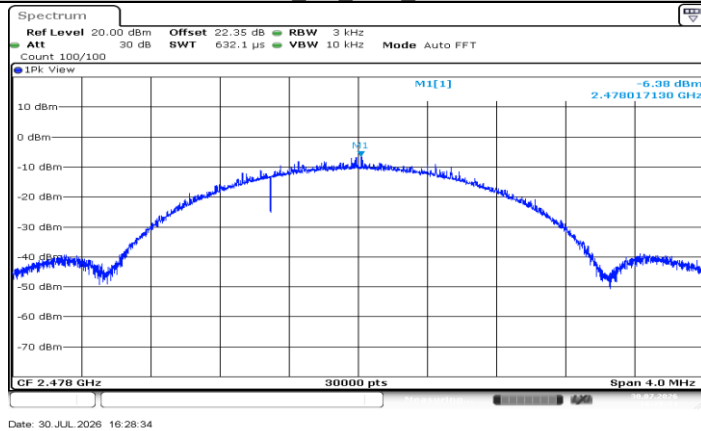




BLE 2M Ant1 2404



BLE 2M Ant1 2440



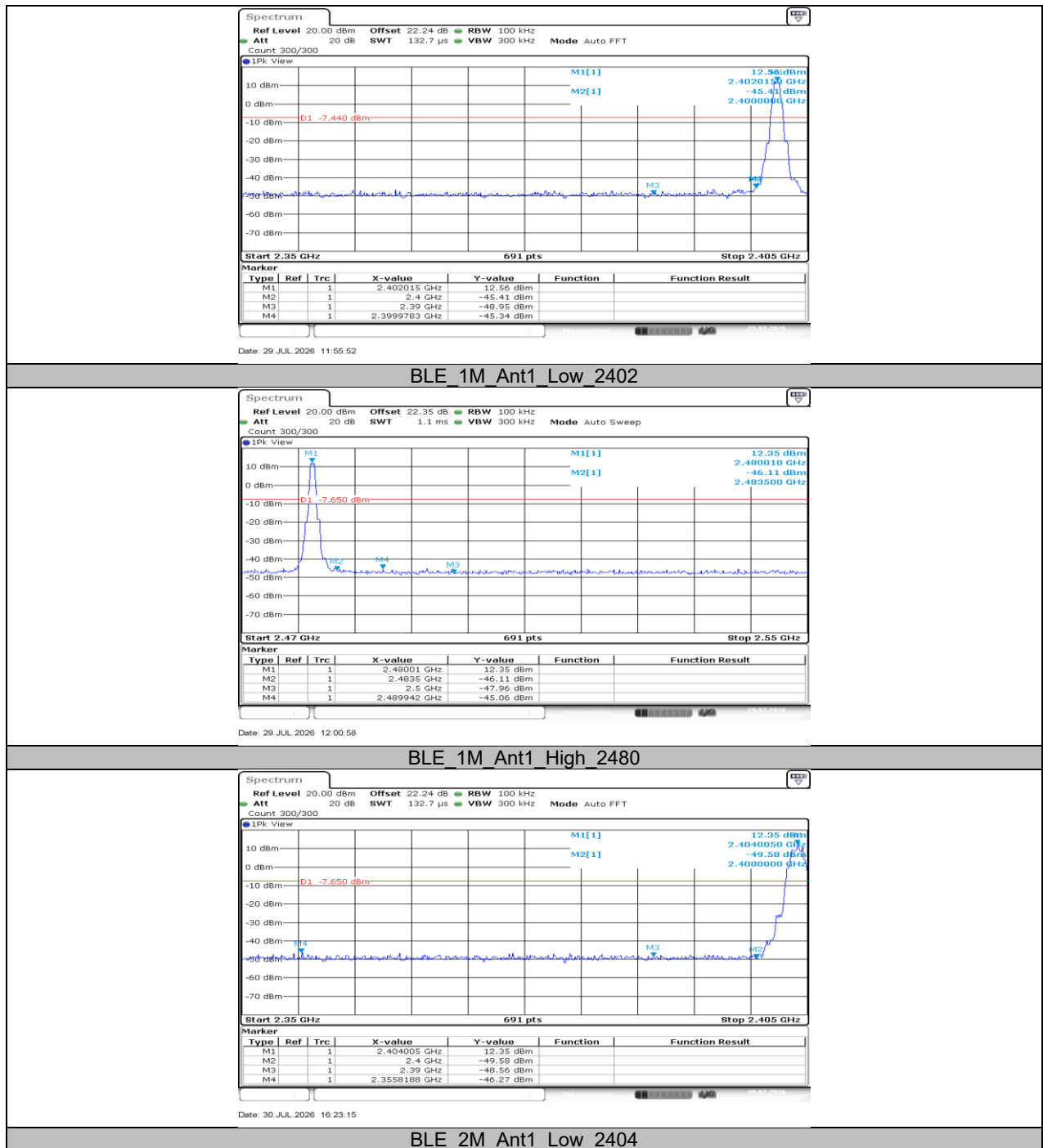
BLE 2M Ant1 2478

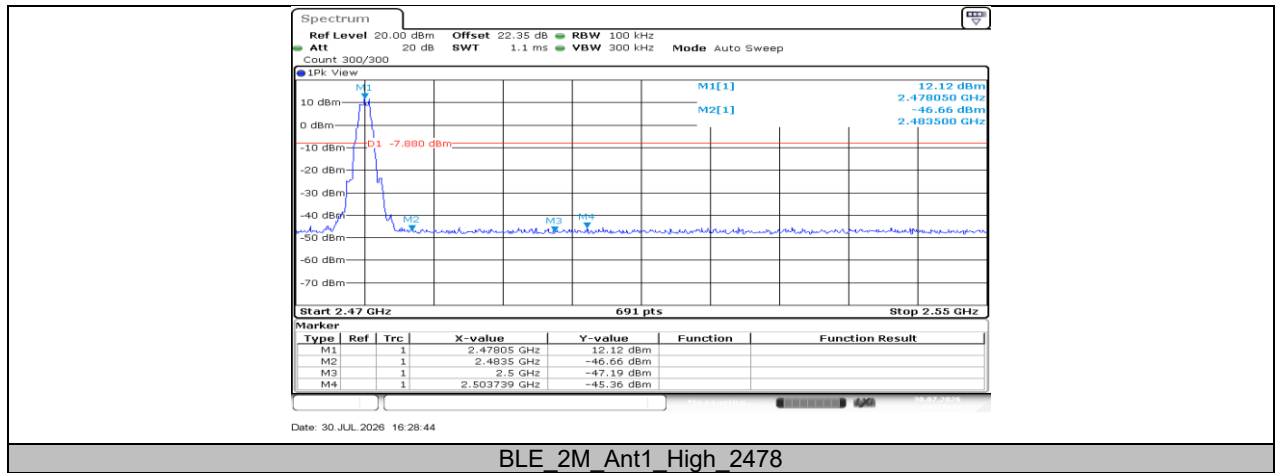
12.5. APPENDIX E2: BAND EDGE MEASUREMENTS

12.5.1. Test Result

Test Mode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	Low	2402	12.56	-45.34	≤ -7.44	PASS
		High	2480	12.35	-45.06	≤ -7.65	PASS
BLE_2M	Ant1	Low	2404	12.35	-46.27	≤ -7.65	PASS
		High	2478	12.12	-45.36	≤ -7.88	PASS

12.5.2. Test Graphs



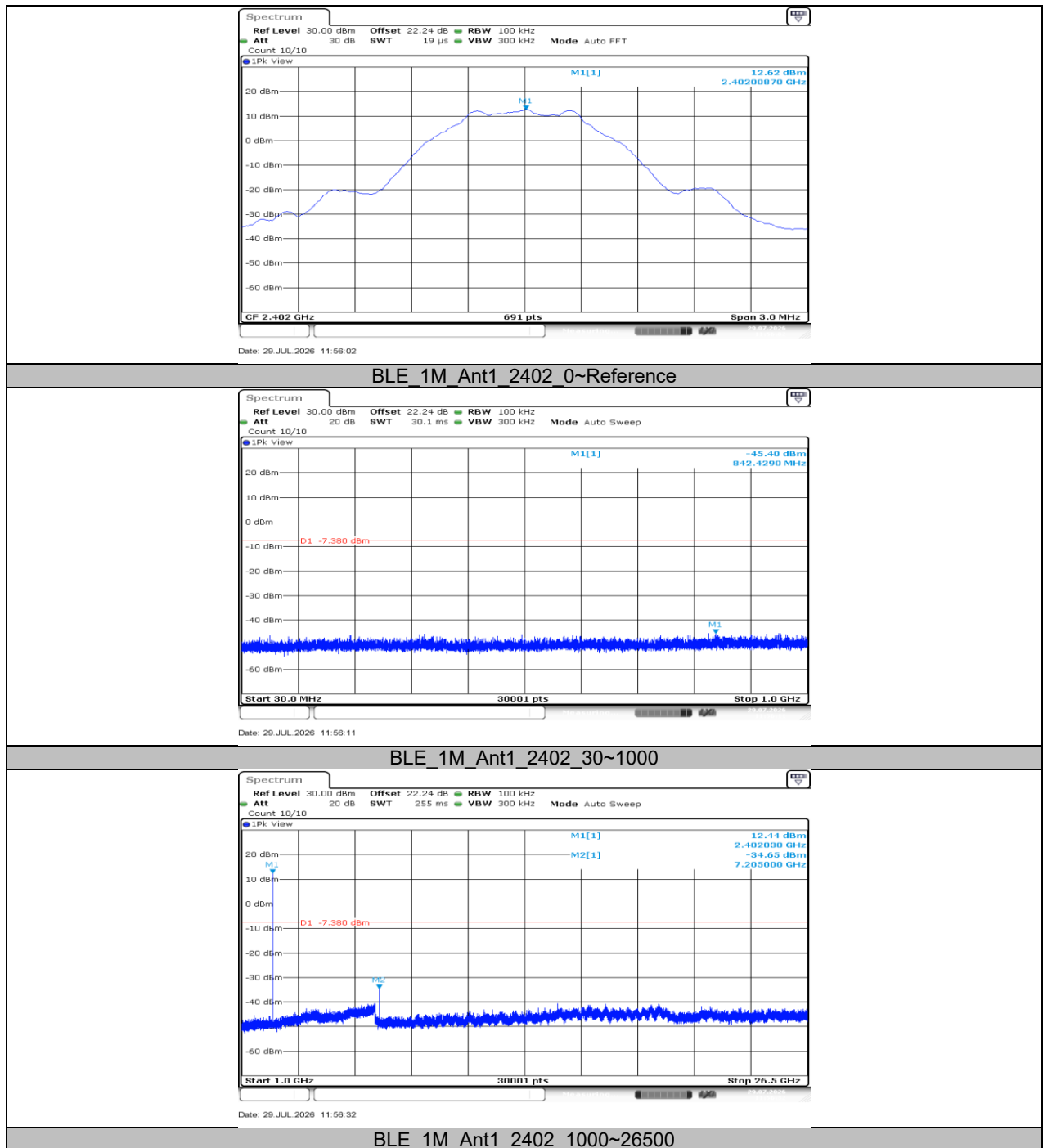


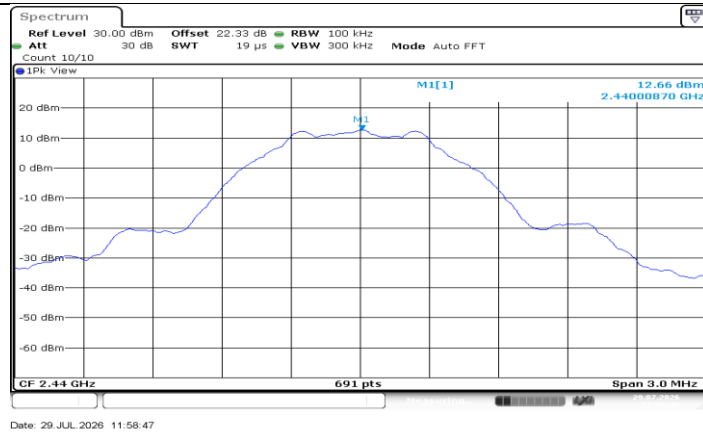
12.6. APPENDIX F2: CONDUCTED SPURIOUS EMISSION

12.6.1. Test Result

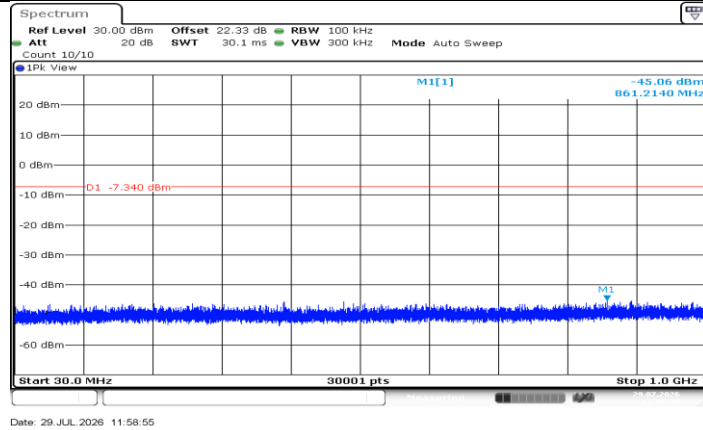
Test Mode	Antenna	Frequency[MHz]	FreqRange [MHz]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	Reference	12.62	---	PASS
			30~1000	-45.4	≤ -7.38	PASS
			1000~26500	-34.65	≤ -7.38	PASS
		2440	Reference	12.66	---	PASS
			30~1000	-45.06	≤ -7.34	PASS
			1000~26500	-36.41	≤ -7.34	PASS
		2480	Reference	12.34	---	PASS
			30~1000	-45.2	≤ -7.66	PASS
			1000~26500	-39.13	≤ -7.66	PASS
BLE_2M	Ant1	2404	Reference	12.30	---	PASS
			30~1000	-44.93	≤ -7.7	PASS
			1000~26500	-37.73	≤ -7.7	PASS
		2440	Reference	12.41	---	PASS
			30~1000	-44.98	≤ -7.59	PASS
			1000~26500	-39.69	≤ -7.59	PASS
		2478	Reference	12.12	---	PASS
			30~1000	-44.7	≤ -7.88	PASS
			1000~26500	-40.05	≤ -7.88	PASS

12.6.2. Test Graphs

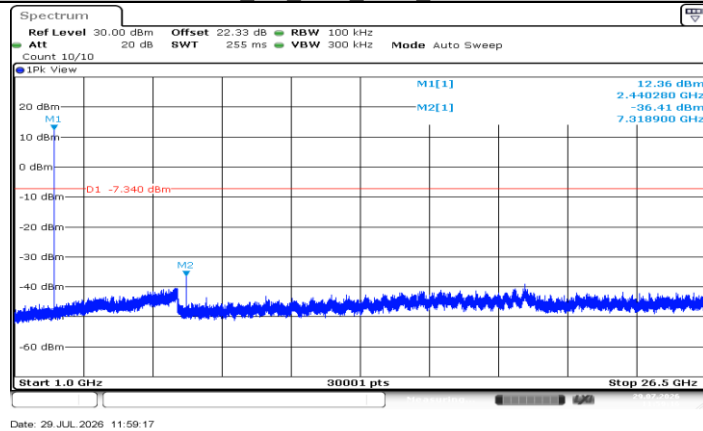




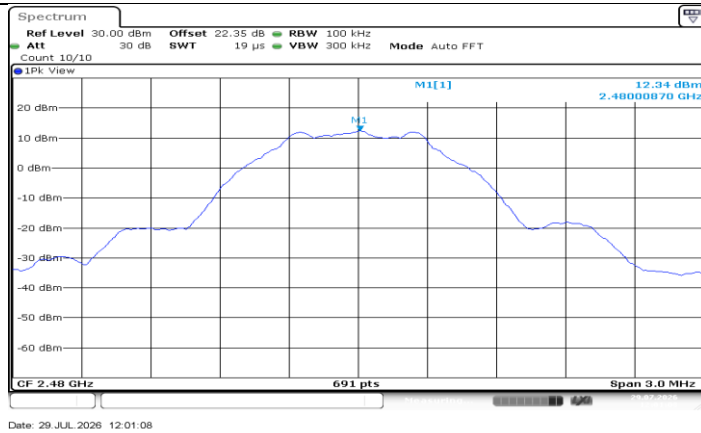
BLE 1M Ant1 2440 0~Reference



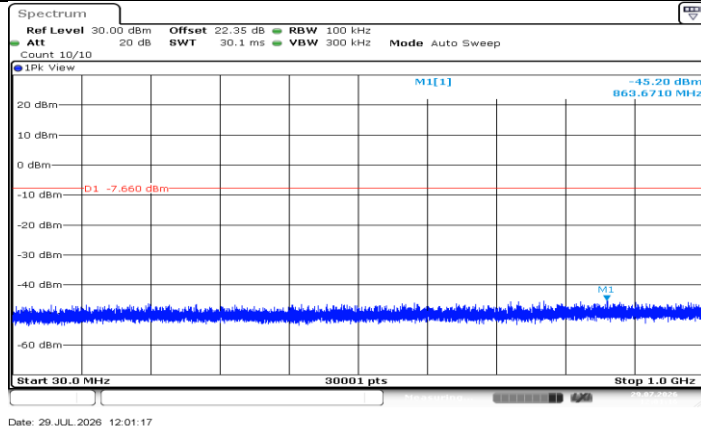
BLE 1M Ant1 2440 30~1000



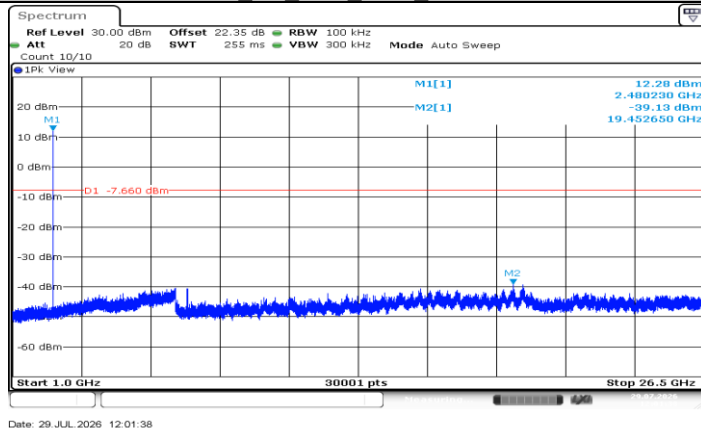
BLE 1M Ant1 2440 1000~26500



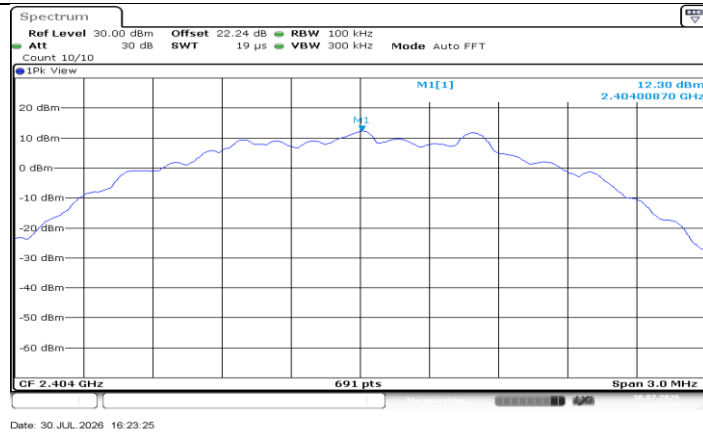
BLE 1M Ant1 2480 0~Reference



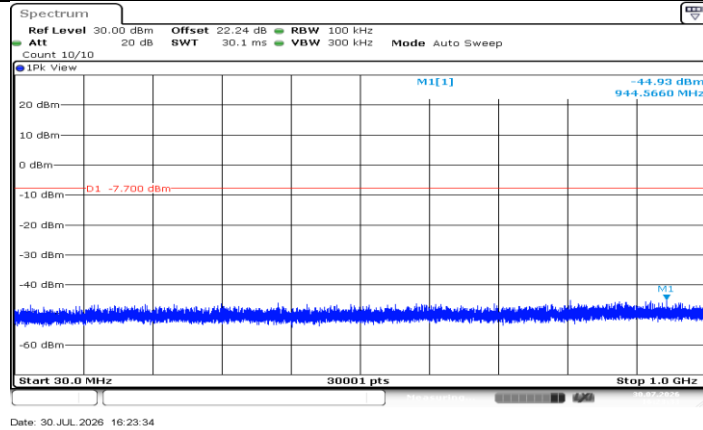
BLE 1M Ant1 2480 30~1000



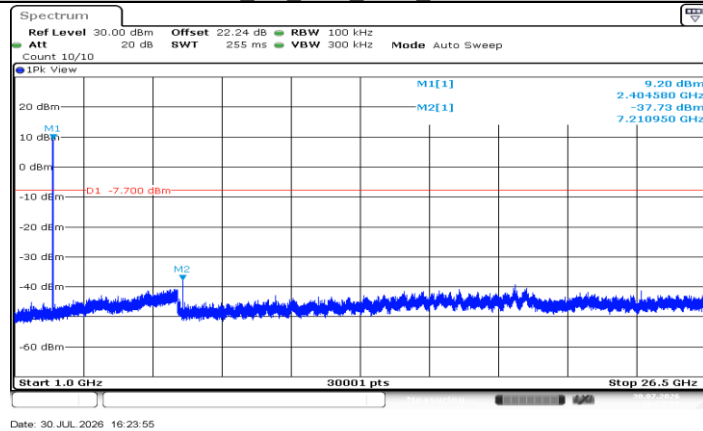
BLE 1M Ant1 2480 1000~26500



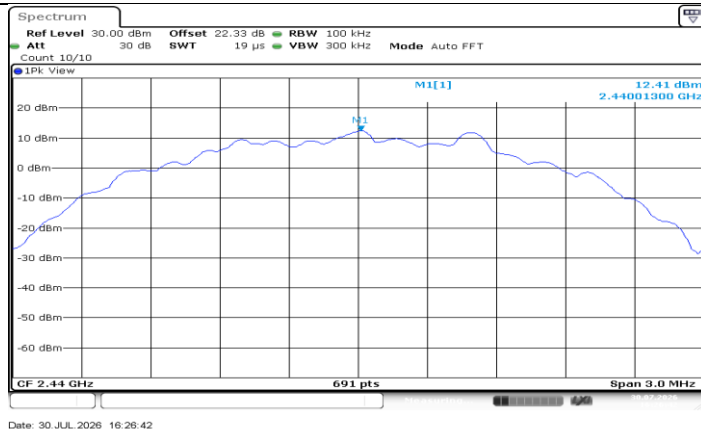
BLE 2M Ant1 2404 0~Reference



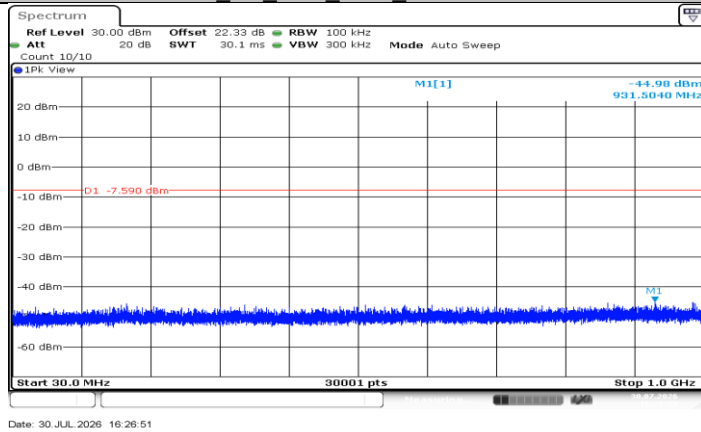
BLE 2M Ant1 2404 30~1000



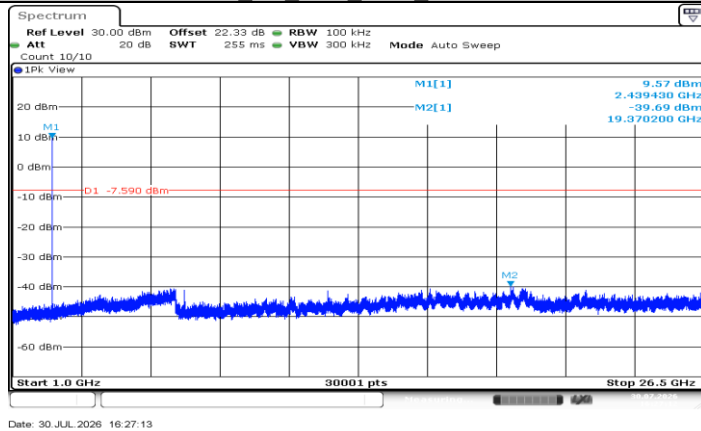
BLE 2M Ant1 2404 1000~26500



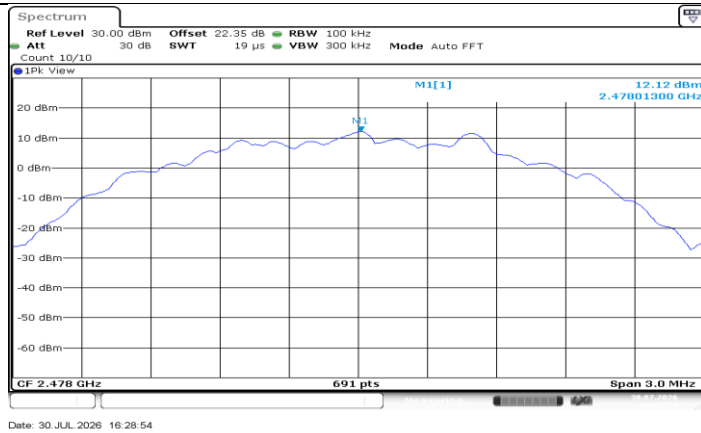
BLE 2M Ant1 2440 0~Reference



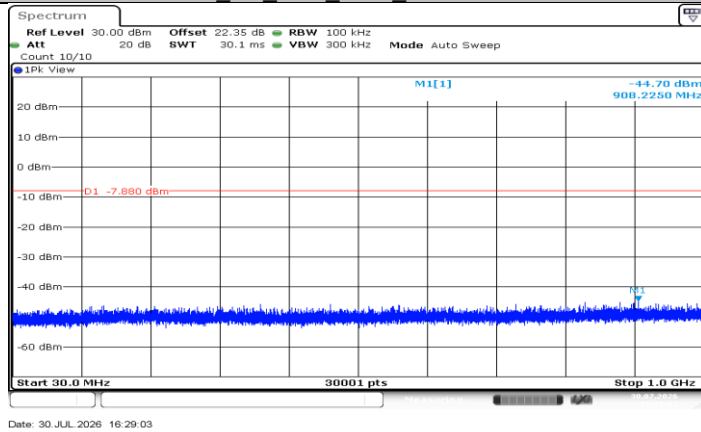
BLE 2M Ant1 2440 30~1000



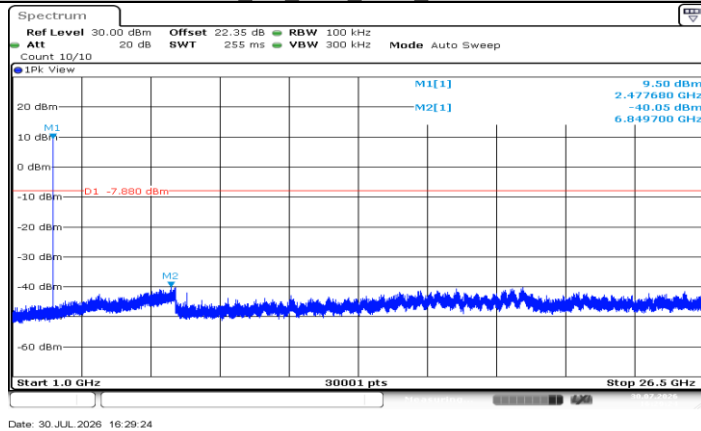
BLE 2M Ant1 2440 1000~26500



BLE 2M Ant1 2478 0~Reference



BLE 2M Ant1 2478 30~1000



BLE 2M Ant1 2478 1000~26500

12.7. APPENDIX G2: DUTY CYCLE

12.7.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
BLE_1M	0.38	0.62	0.6129	61.29	2.13	2.63	3
BLE_2M	1.08	1.87	0.5775	57.75	2.38	0.93	1

Note:

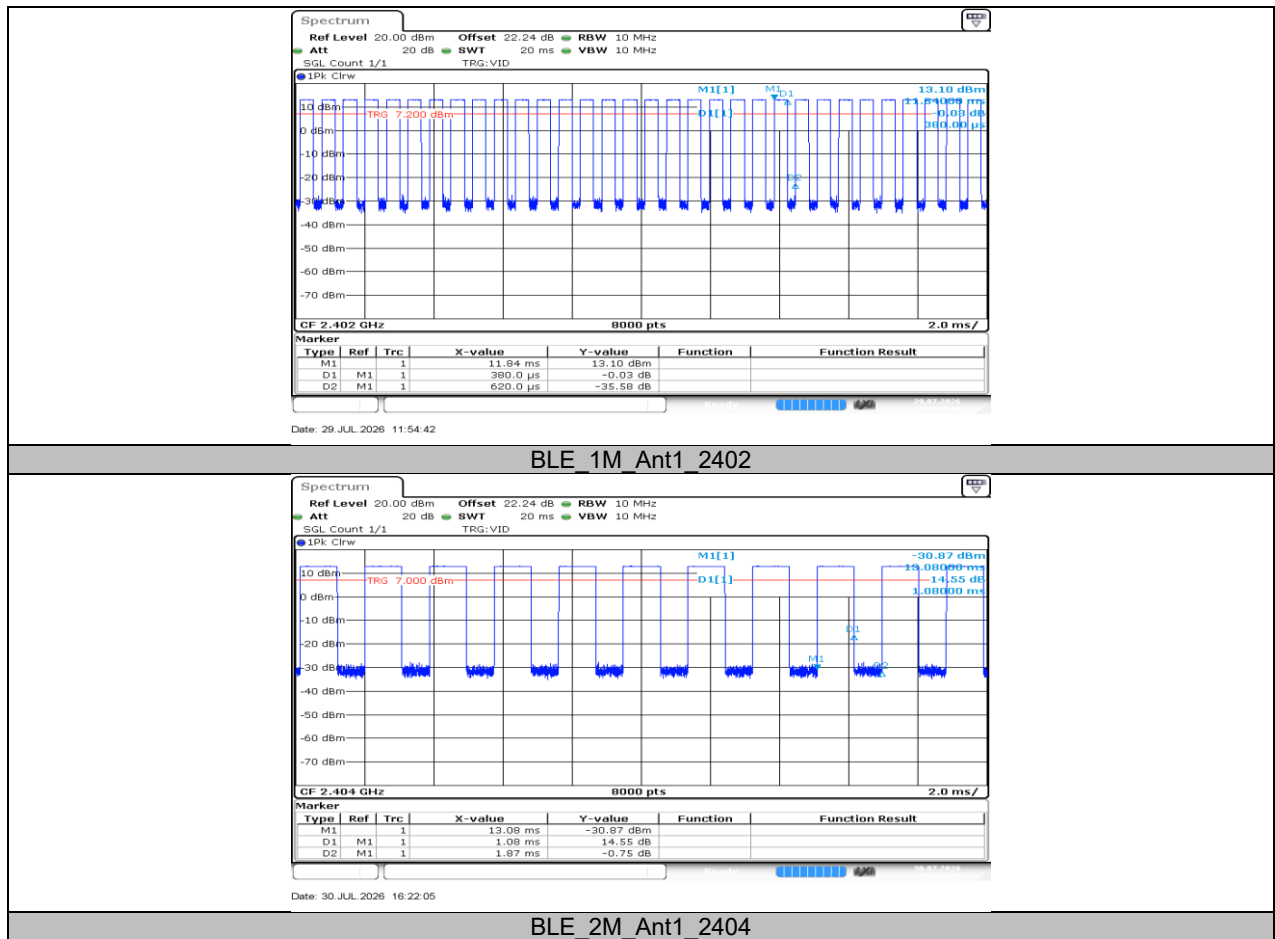
Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

12.7.2. Test Graphs



END OF REPORT