

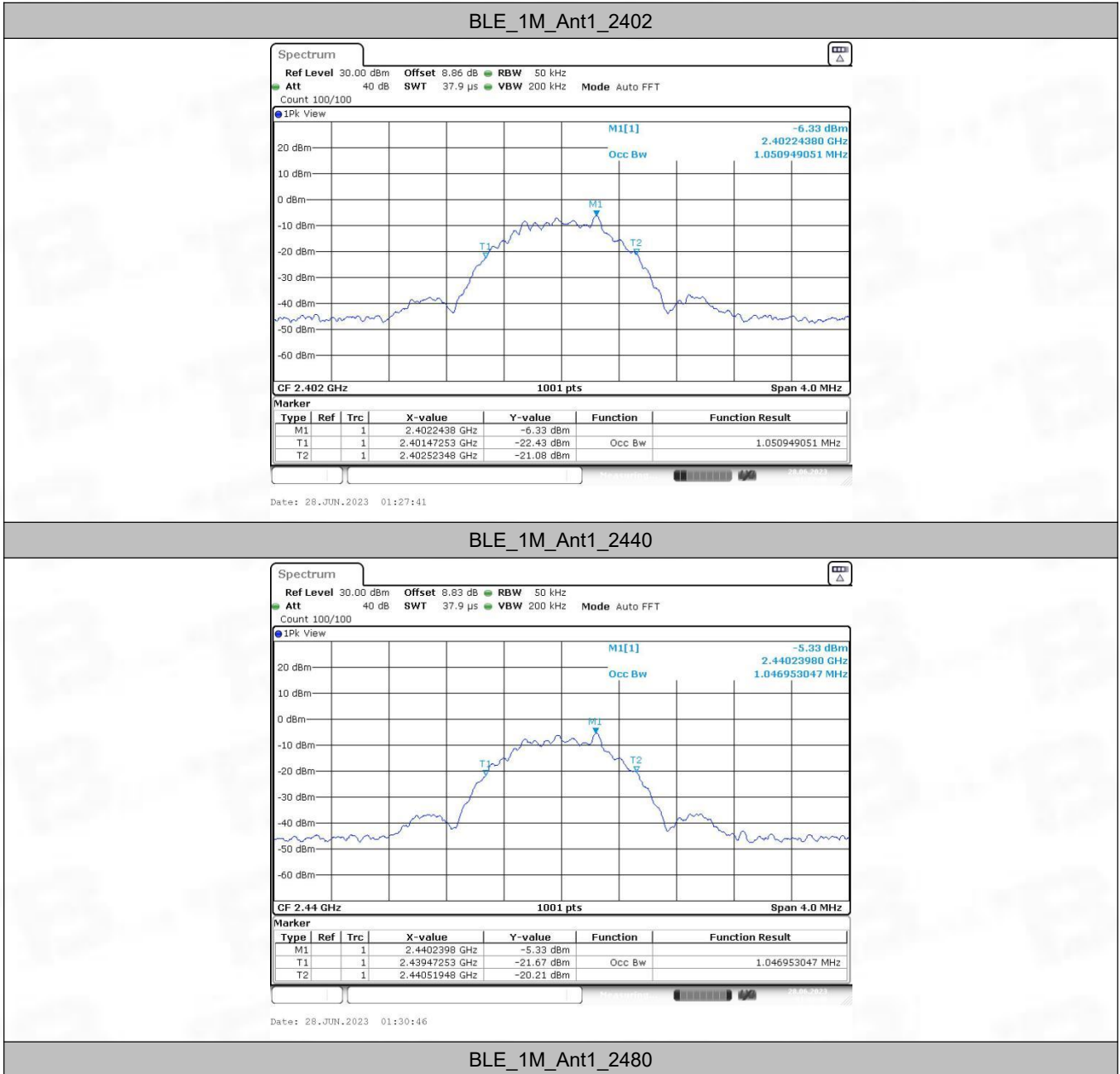
2. Bandwidth

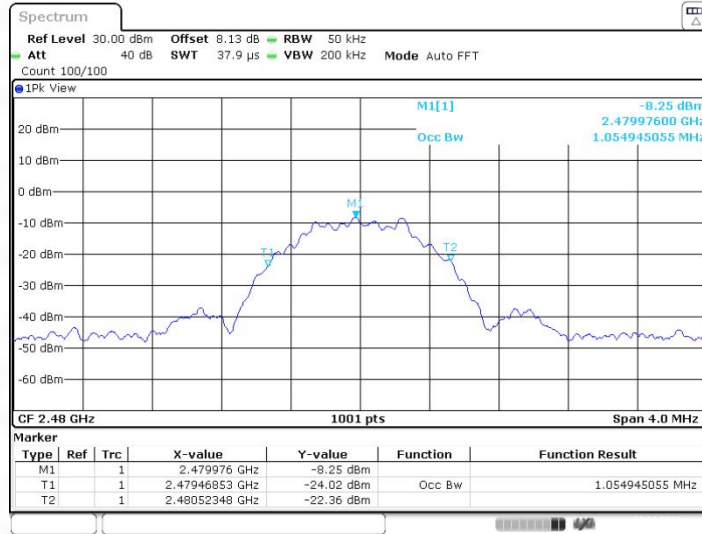
2.1 OBW

2.1.1 Test Result

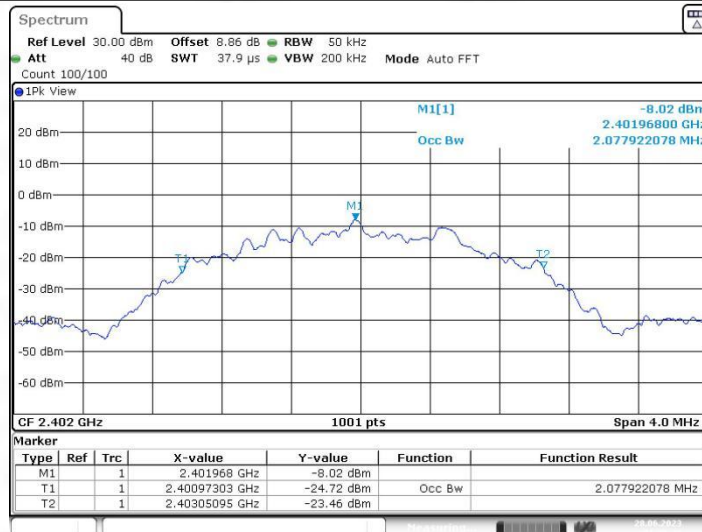
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.051	2401.4725	2402.5235	---	---
		2440	1.047	2439.4725	2440.5195	---	---
		2480	1.055	2479.4685	2480.5235	---	---
BLE_2M	Ant1	2402	2.078	2400.9730	2403.0509	---	---
		2440	2.082	2438.9690	2441.0509	---	---
		2480	2.082	2478.9650	2481.0470	---	---

2.1.2 Test Graph



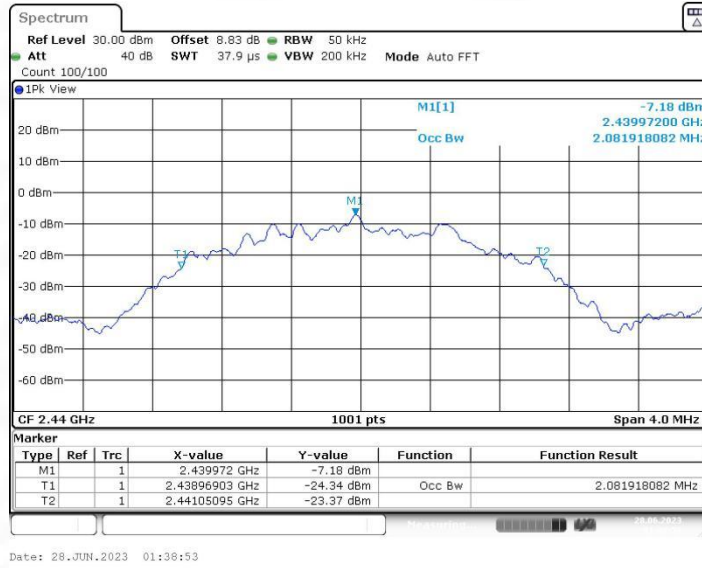


BLE_2M_Ant1_2402

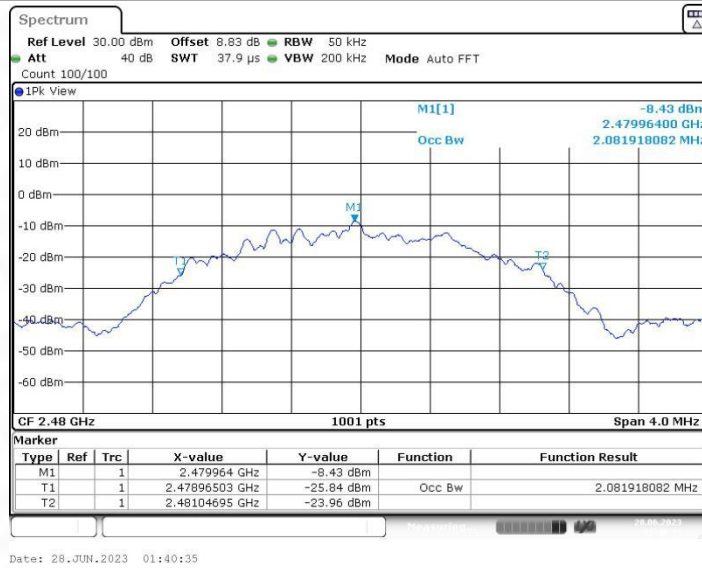


Date: 28 JUN 2023 01:35:49

BLE_2M_Ant1_2440



BLE_2M_Ant1_2480

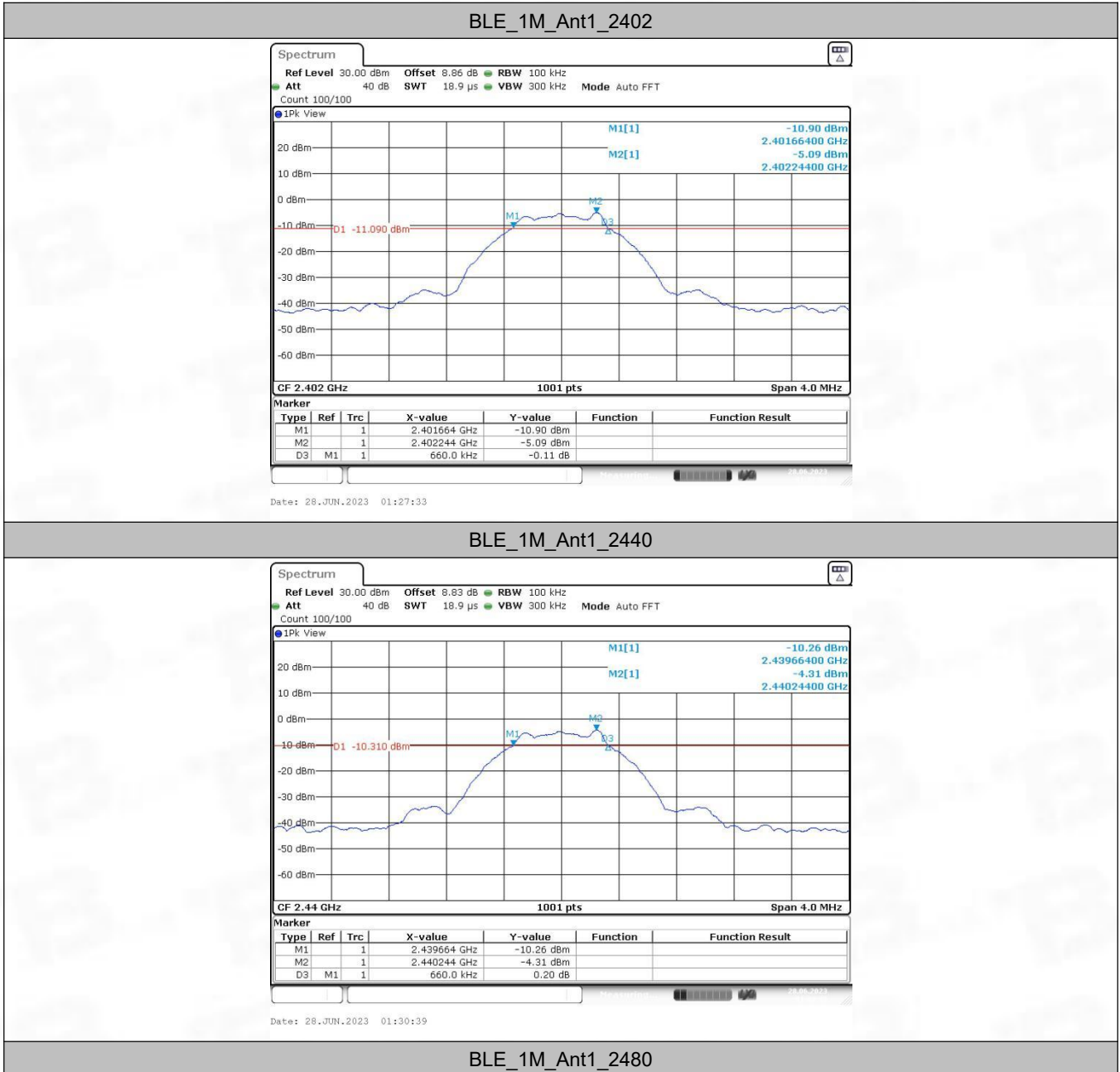


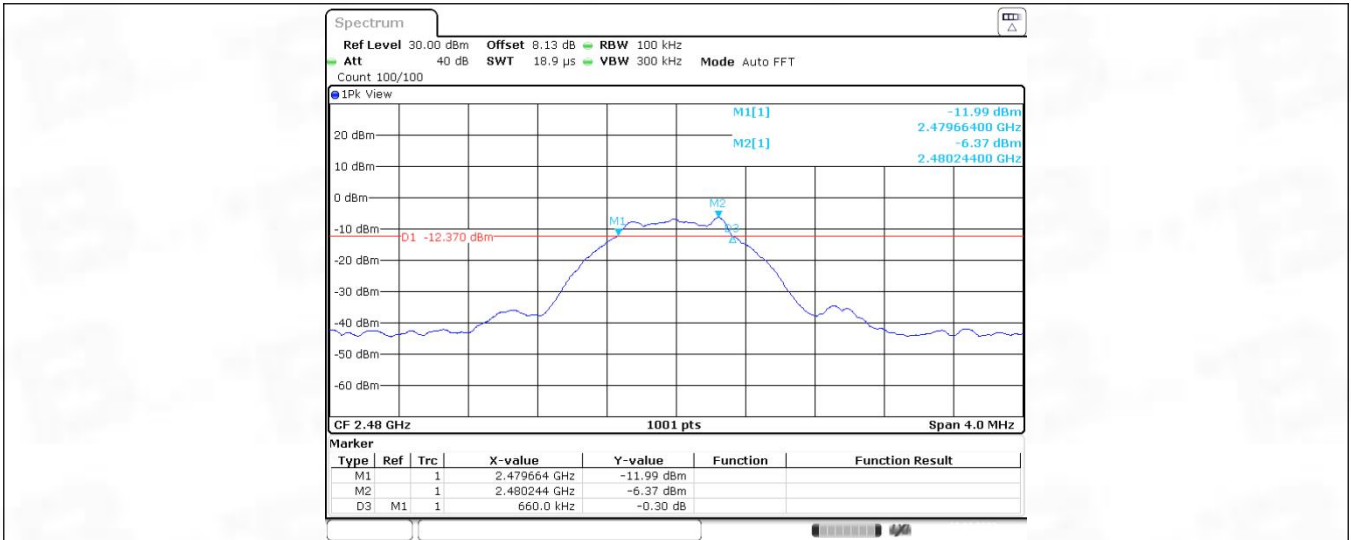
2.2 6dB BW

2.2.1 Test Result

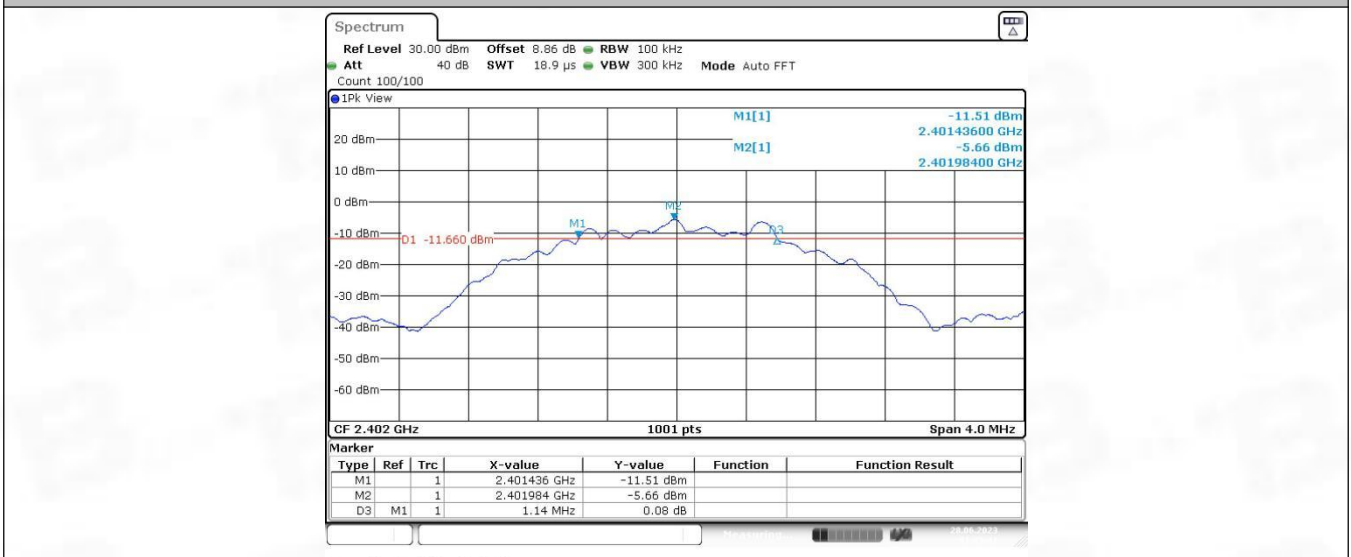
TestMode	Antenna	Freq(MHz)	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	0.66	2401.66	2402.32	0.5	PASS
		2440	0.66	2439.66	2440.32	0.5	PASS
		2480	0.66	2479.66	2480.32	0.5	PASS
BLE_2M	Ant1	2402	1.14	2401.44	2402.58	0.5	PASS
		2440	1.14	2439.43	2440.57	0.5	PASS
		2480	1.15	2479.42	2480.57	0.5	PASS

2.2.2 Test Graph

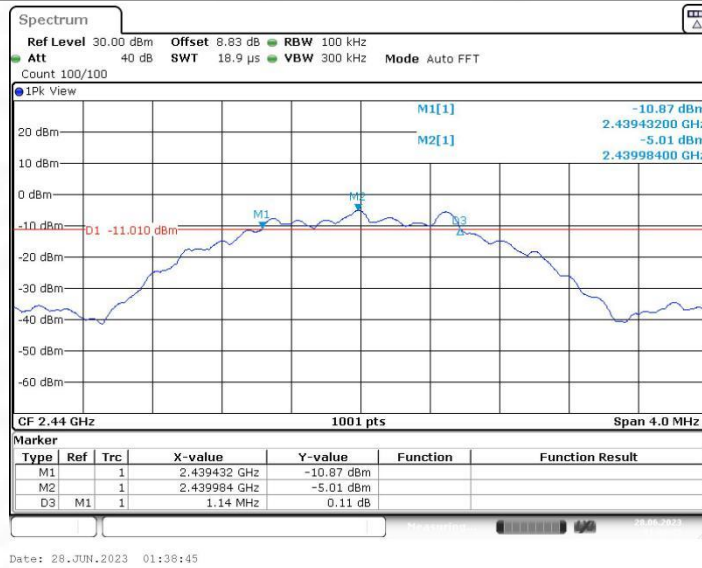




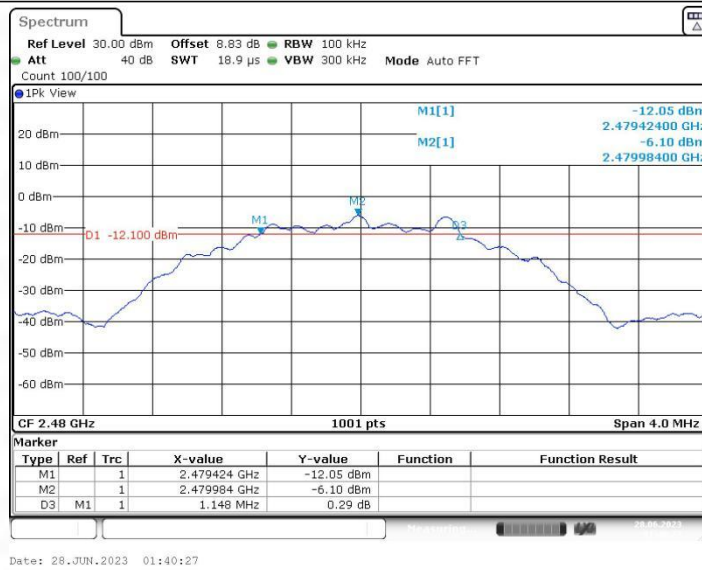
BLE_2M_Ant1_2402



BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



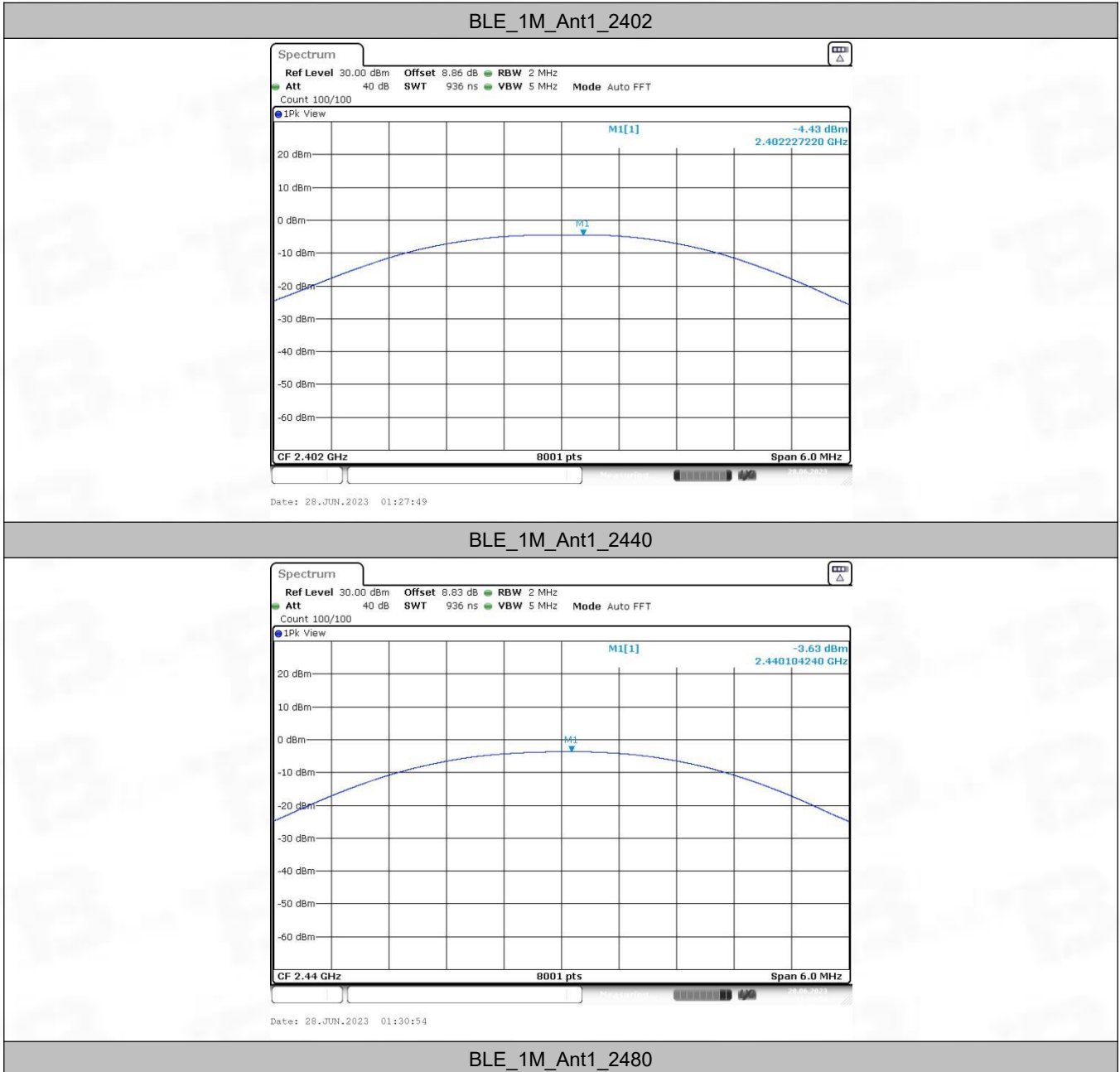
3. Maximum Conducted Output Power

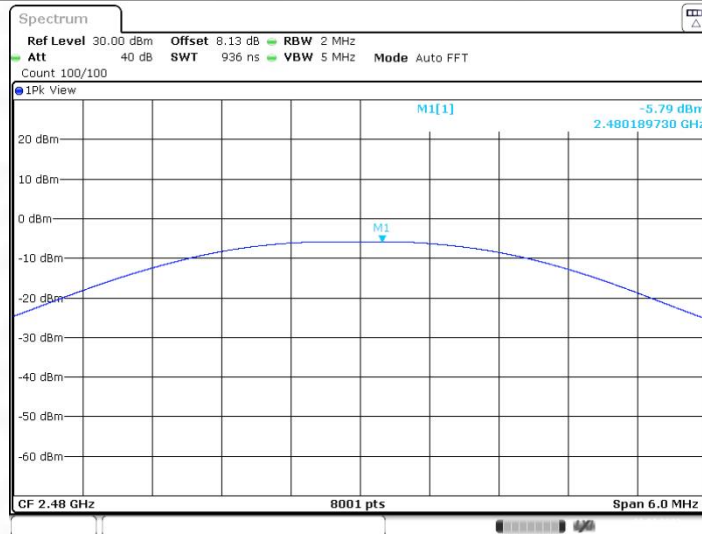
3.1 Power

3.1.1 Test Result

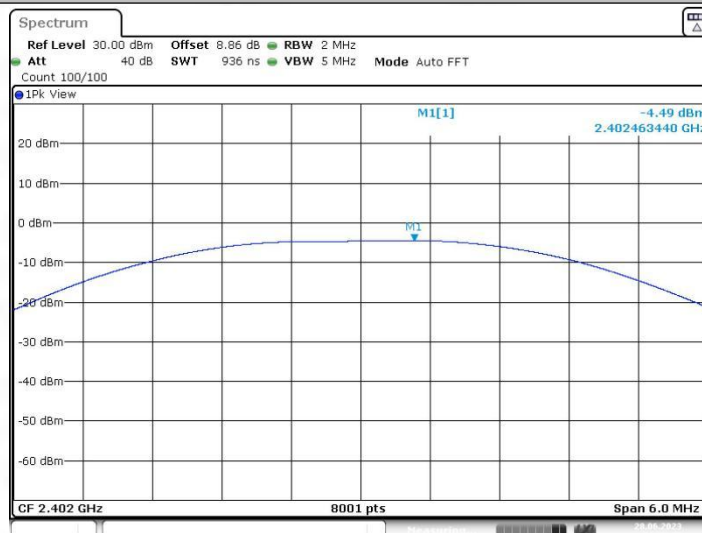
TestMode	Antenna	Freq(MHz)	Conducted Peak Power[dBm]	Conducted Limit[dBm]	Verdict
BLE_1M	Ant1	2402	-4.43	≤30	PASS
		2440	-3.63	≤30	PASS
		2480	-5.79	≤30	PASS
BLE_2M	Ant1	2402	-4.49	≤30	PASS
		2440	-3.86	≤30	PASS
		2480	-4.96	≤30	PASS

3.1.2 Test Graph



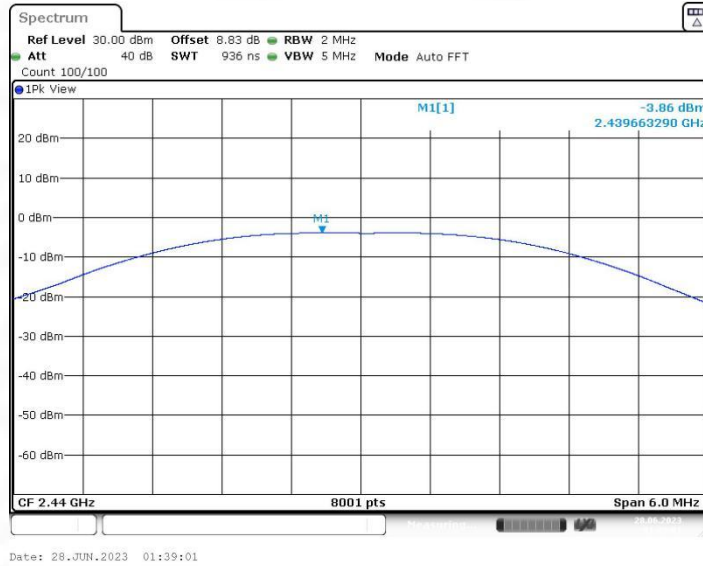


BLE_2M_Ant1_2402

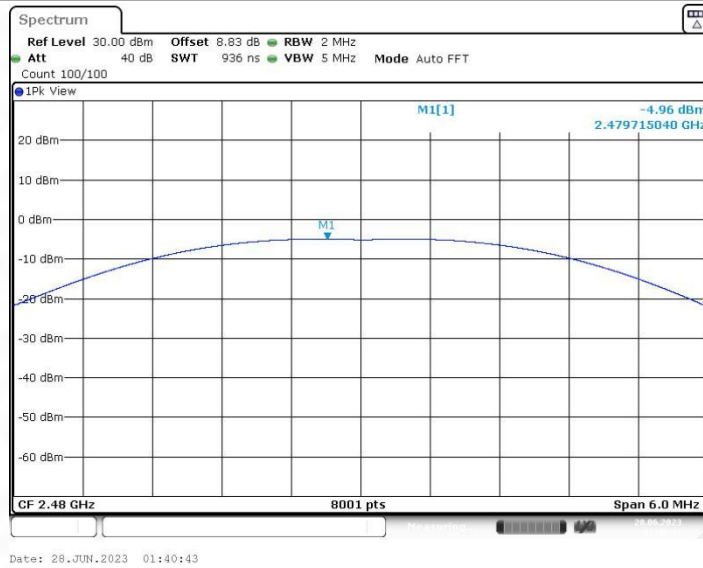


Date: 28 JUN 2023 01:35:57

BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



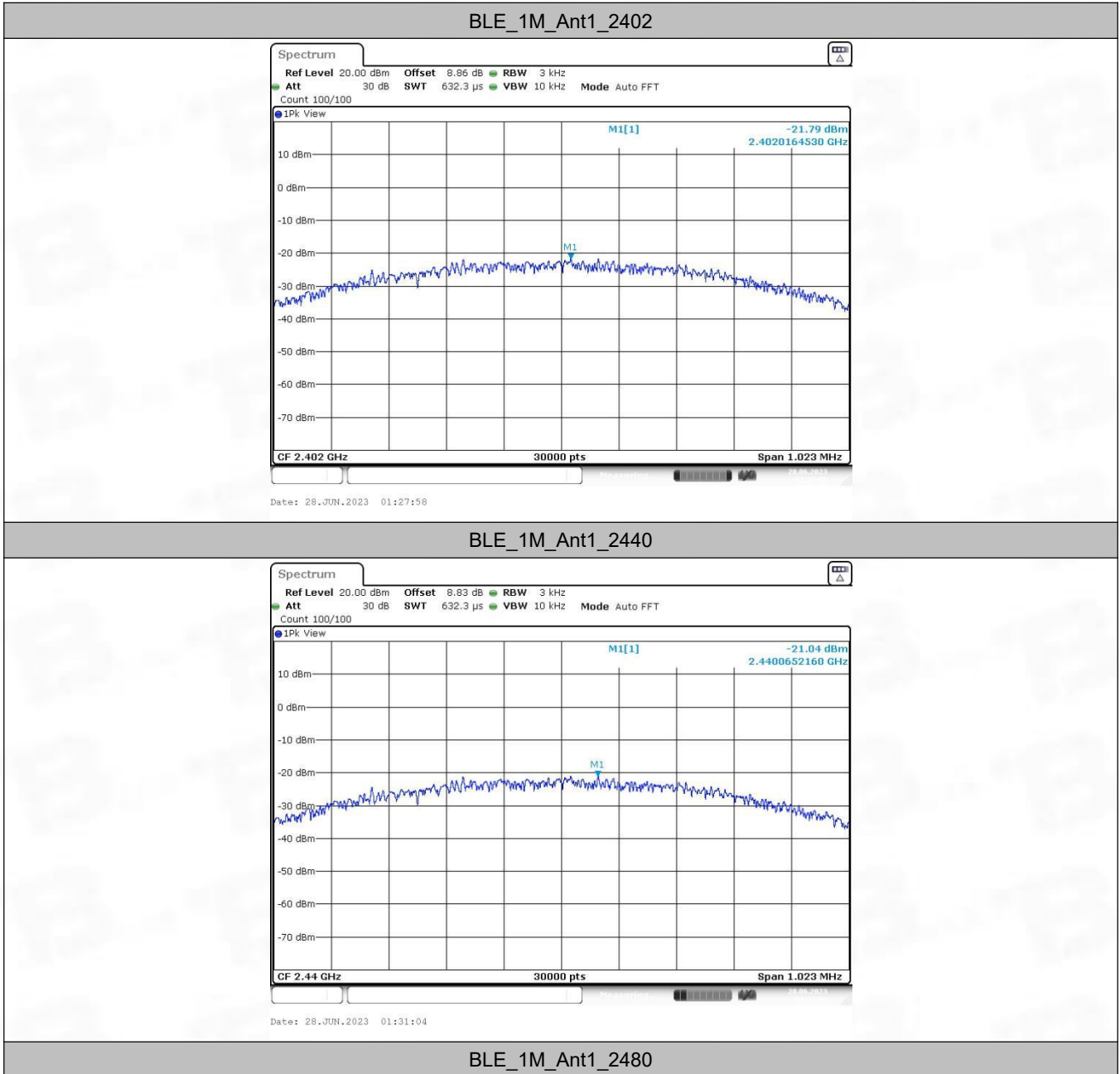
4. Maximum Power Spectral Density

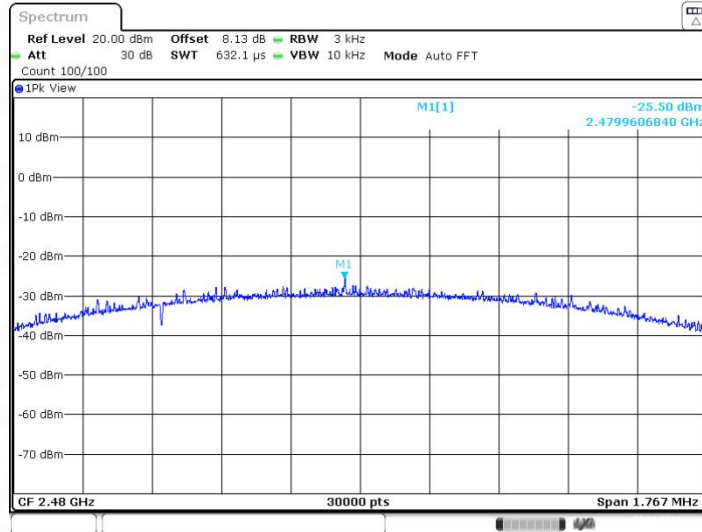
4.1 PSD

4.1.1 Test Result

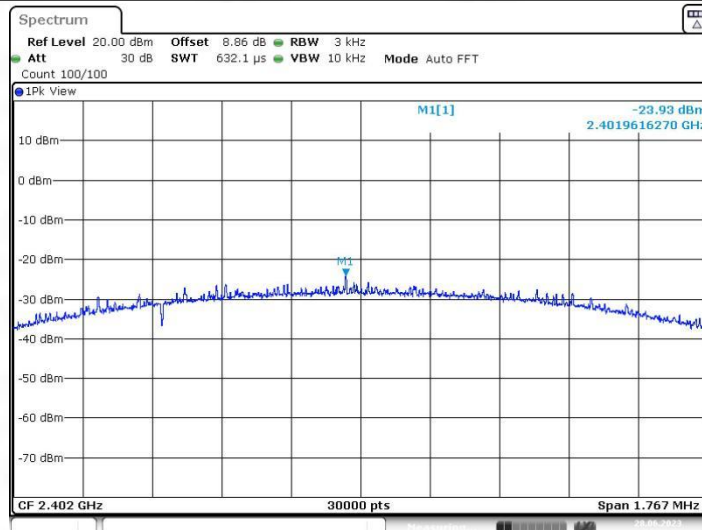
TestMode	Antenna	Freq(MHz)	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
BLE_1M	Ant1	2402	-21.79	≤8.00	PASS
		2440	-21.04	≤8.00	PASS
		2480	-25.5	≤8.00	PASS
BLE_2M	Ant1	2402	-23.93	≤8.00	PASS
		2440	-23.22	≤8.00	PASS
		2480	-24.47	≤8.00	PASS

4.1.2 Test Graph



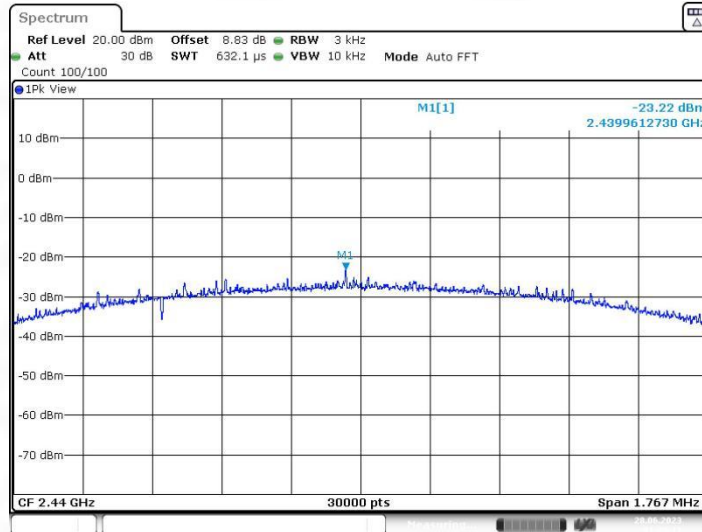


BLE_2M_Ant1_2402



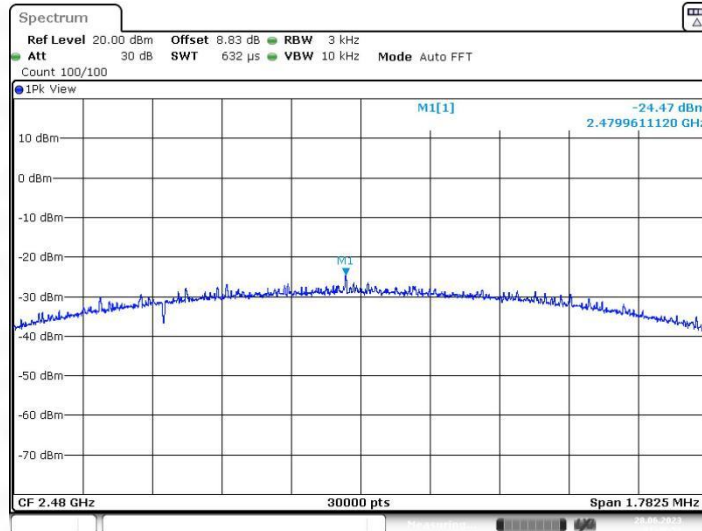
Date: 28 JUN 2023 01:36:07

BLE_2M_Ant1_2440



Date: 28.JUN.2023 01:39:11

BLE_2M_Ant1_2480



Date: 28.JUN.2023 01:40:52

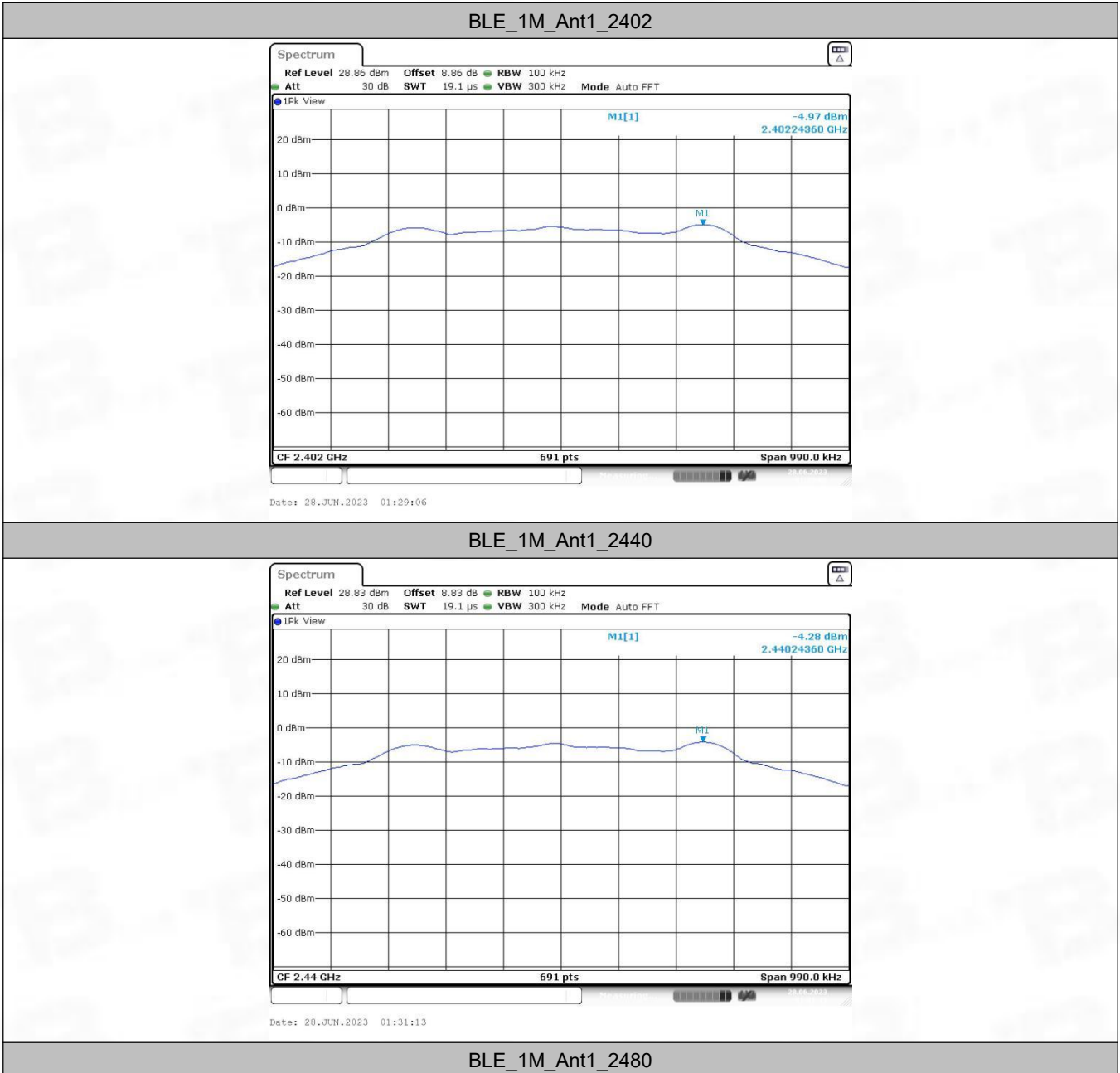
5. Unwanted Emissions In Non-restricted Frequency Bands

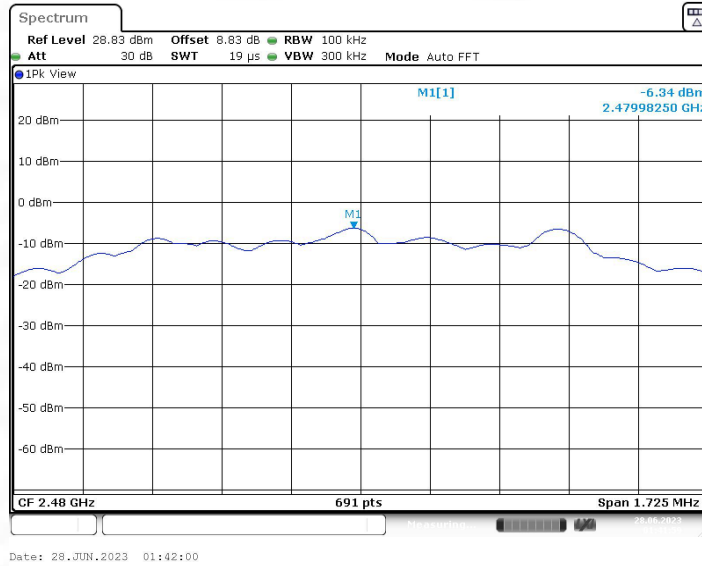
5.1 Ref

5.1.1 Test Result

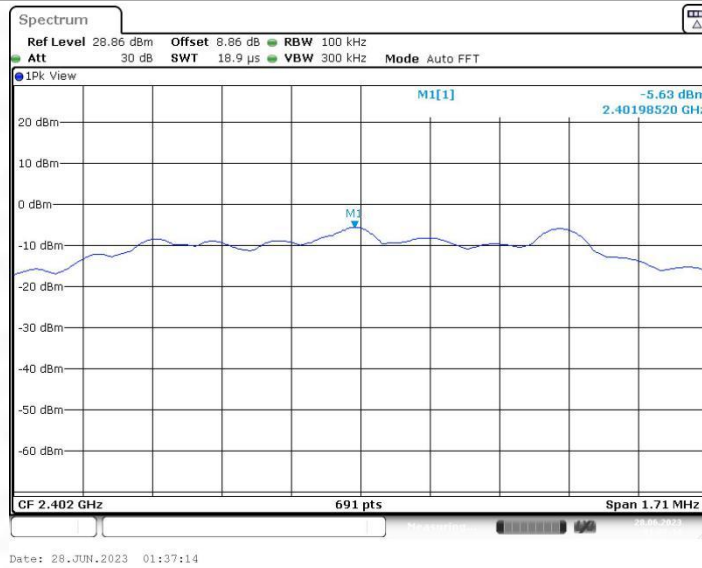
TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
BLE_1M	Ant1	2402	2402.24	-4.97
		2440	2440.24	-4.28
		2480	2479.98	-6.34
BLE_2M	Ant1	2402	2401.99	-5.63
		2440	2439.99	-4.92
		2480	2479.98	-6.34

5.1.2 Test Graph

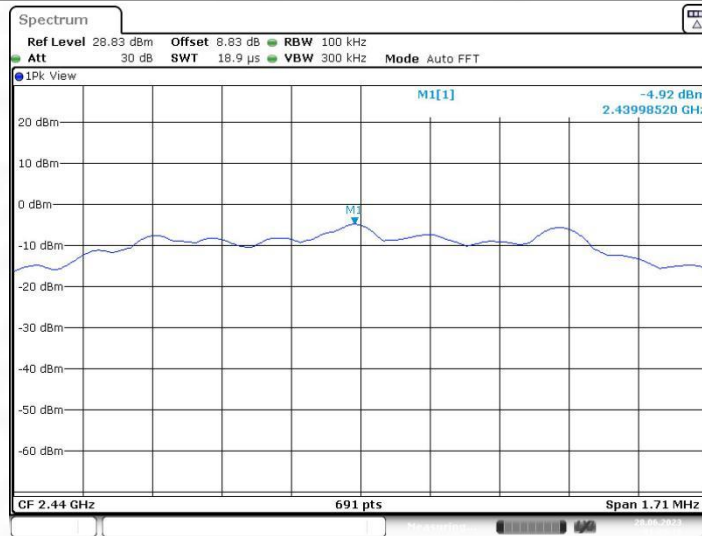




BLE_2M_Ant1_2402

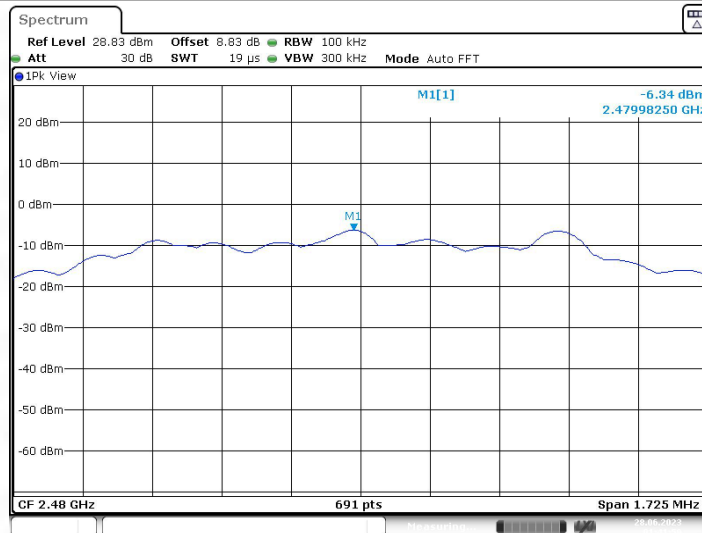


BLE_2M_Ant1_2440



Date: 28.JUN.2023 01:39:19

BLE_2M_Ant1_2480



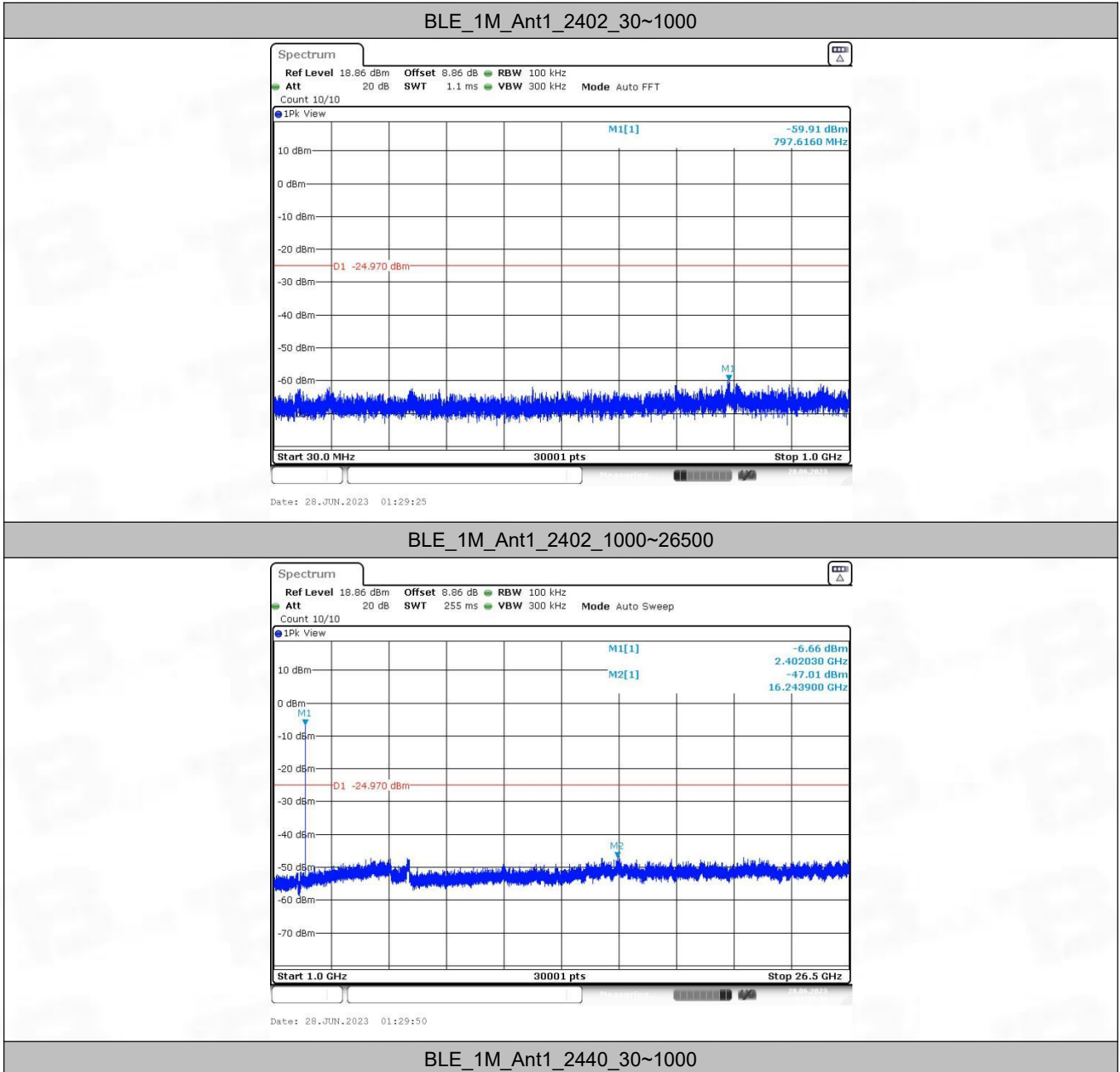
Date: 28.JUN.2023 01:42:00

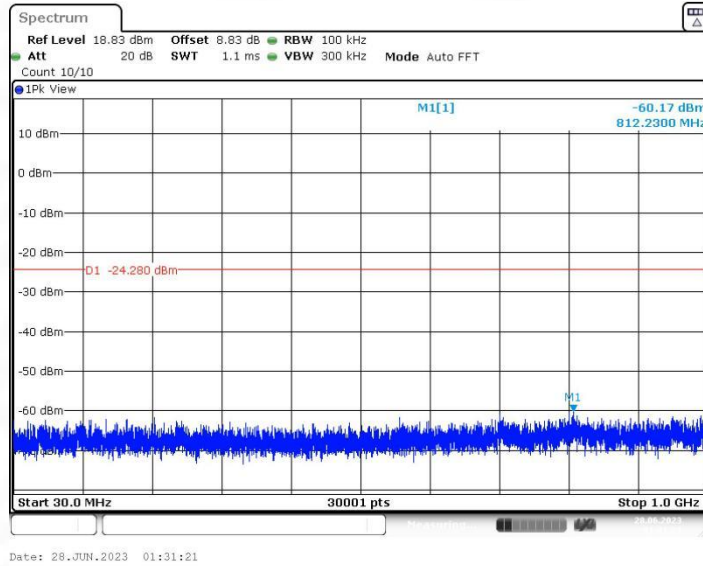
5.2 CSE

5.2.1 Test Result

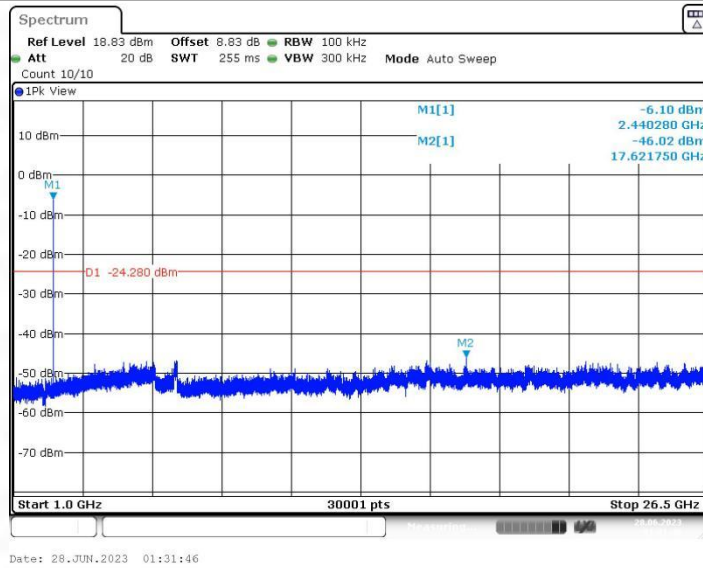
TestMode	Antenna	Freq(MHz)	FreqRange [MHz]	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
BLE_1M	Ant1	2402	30~1000	-4.97	-59.91	≤-24.97	PASS
			1000~26500	-4.97	-47.01	≤-24.97	PASS
		2440	30~1000	-4.28	-60.17	≤-24.28	PASS
			1000~26500	-4.28	-46.02	≤-24.28	PASS
		2480	30~1000	-5.91	-61.79	≤-25.91	PASS
			1000~26500	-5.91	-48.19	≤-25.91	PASS
BLE_2M	Ant1	2402	30~1000	-5.63	-60.42	≤-25.63	PASS
			1000~26500	-5.63	-46.95	≤-25.63	PASS
		2440	30~1000	-4.92	-60.91	≤-24.92	PASS
			1000~26500	-4.92	-47.09	≤-24.92	PASS
		2480	30~1000	-6.34	-60.07	≤-26.34	PASS
			1000~26500	-6.34	-46.48	≤-26.34	PASS

5.2.2 Test Graph

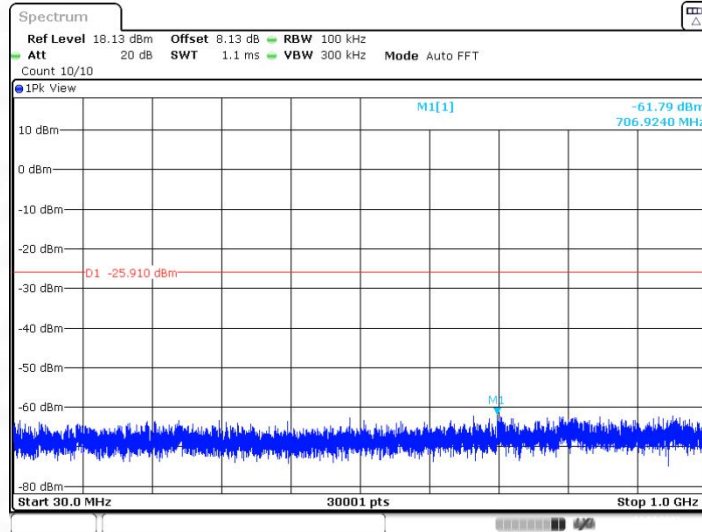




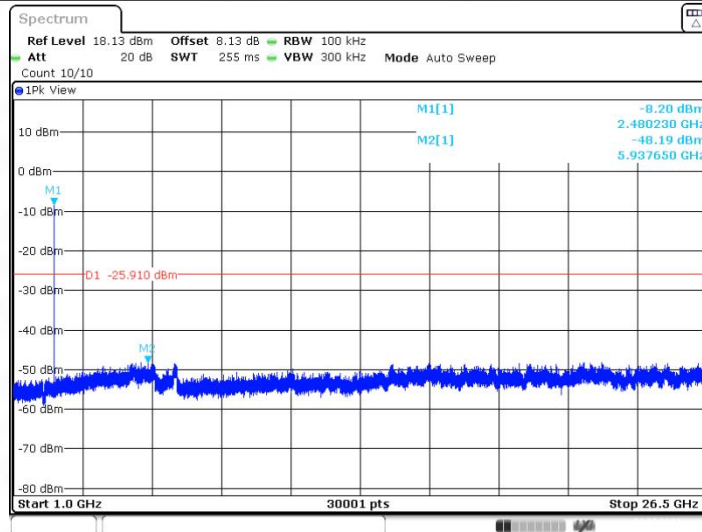
BLE_1M_Ant1_2440_1000~26500



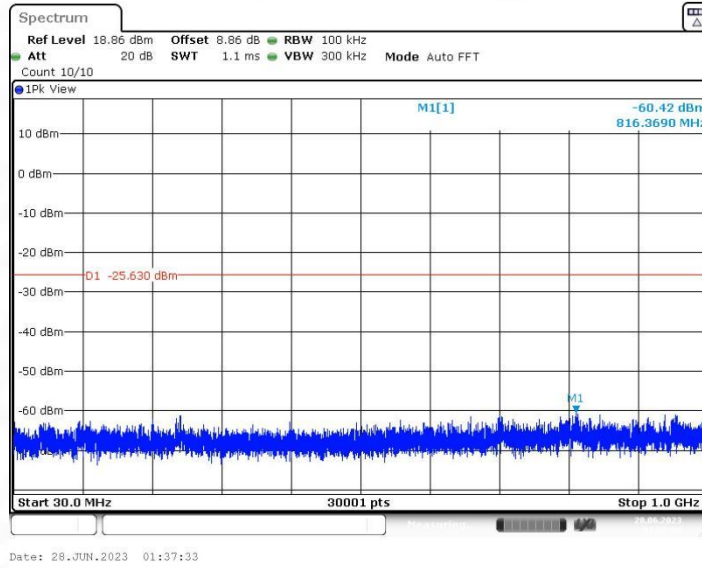
BLE_1M_Ant1_2480_30~1000



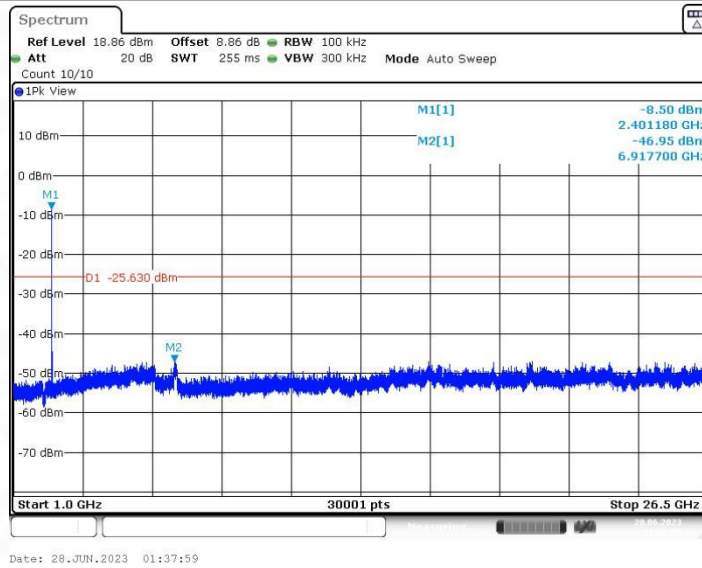
BLE_1M_Ant1_2480_1000~26500



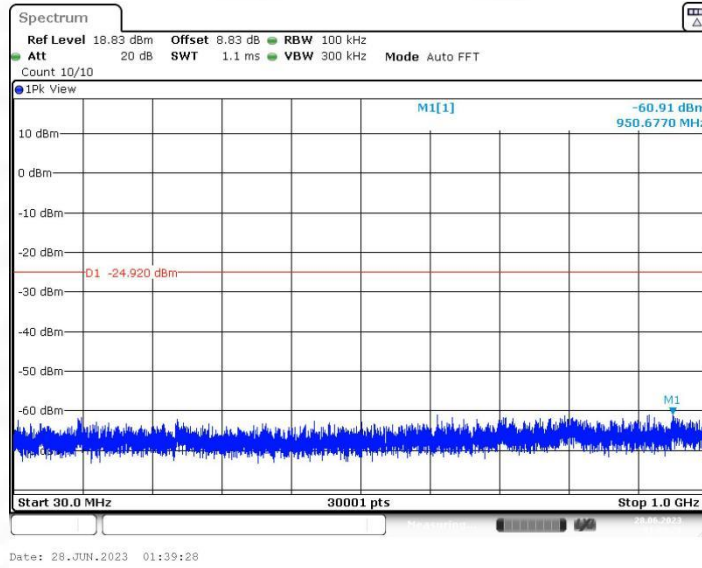
BLE_2M_Ant1_2402_30~1000



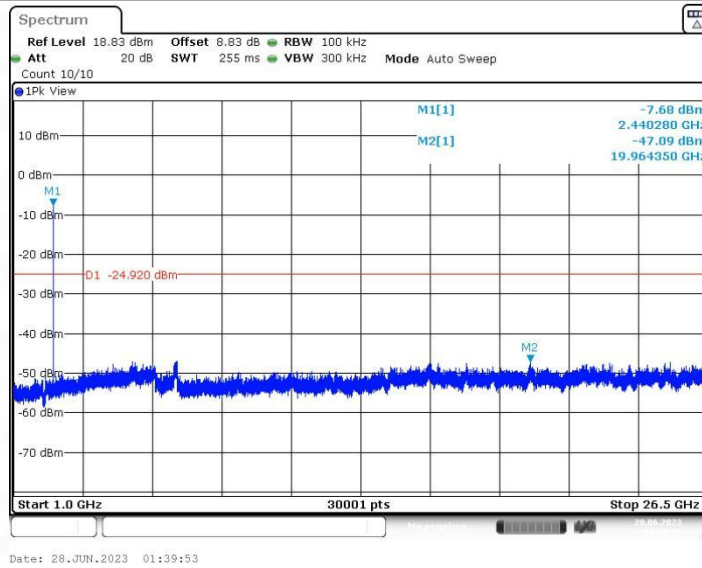
BLE_2M_Ant1_2402_1000~26500



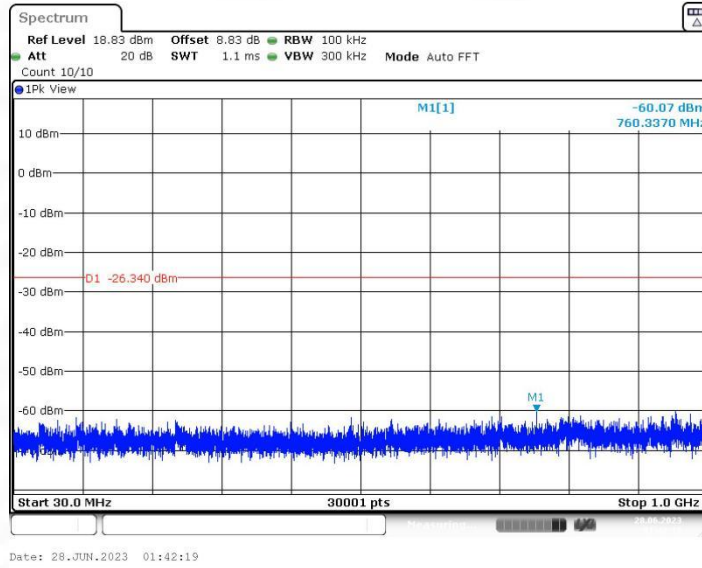
BLE_2M_Ant1_2440_30~1000



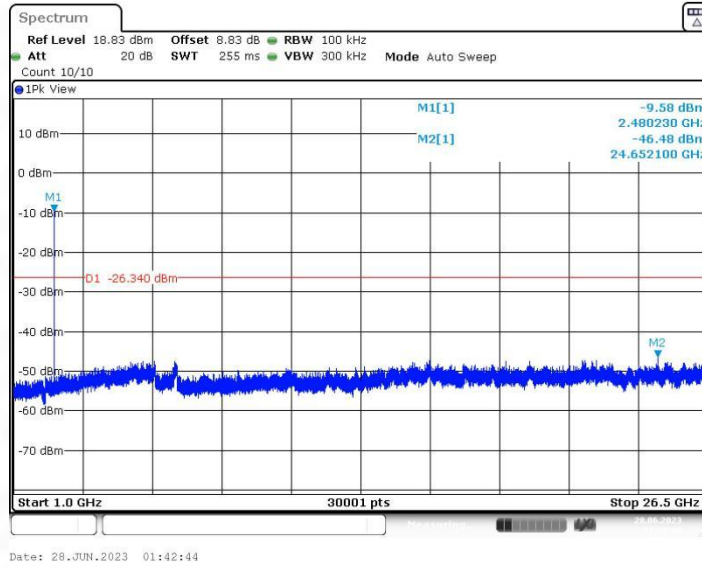
BLE_2M_Ant1_2440_1000~26500



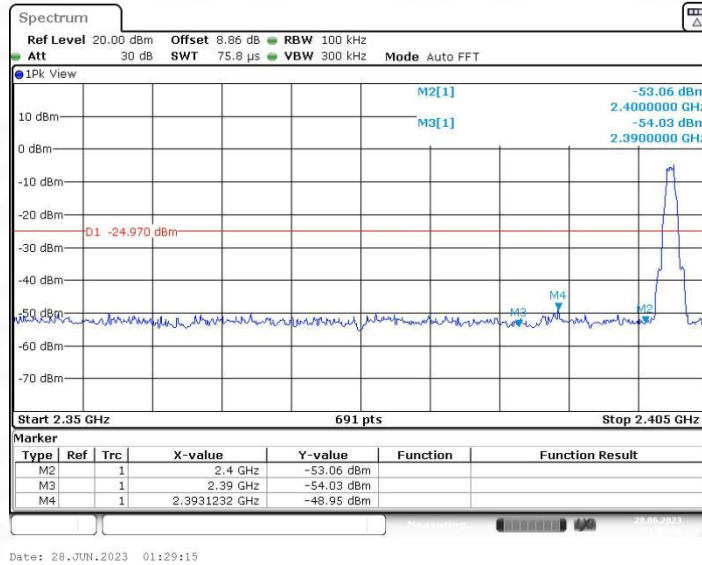
BLE_2M_Ant1_2480_30~1000



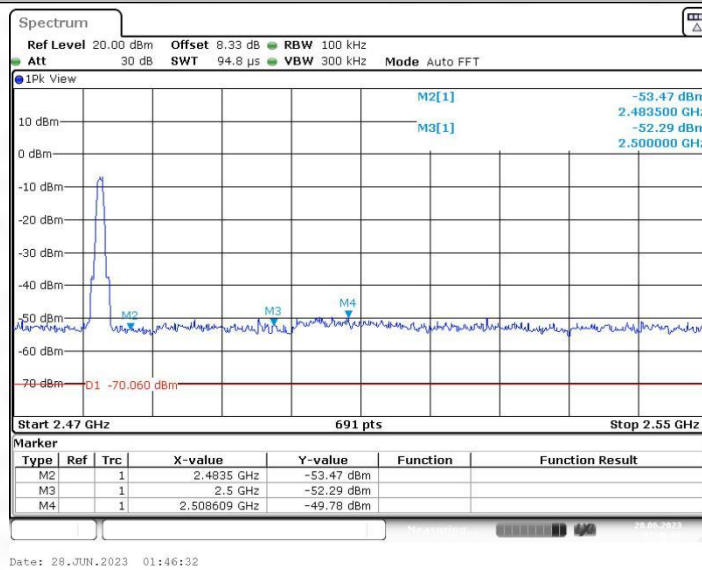
BLE_2M_Ant1_2480_1000~26500



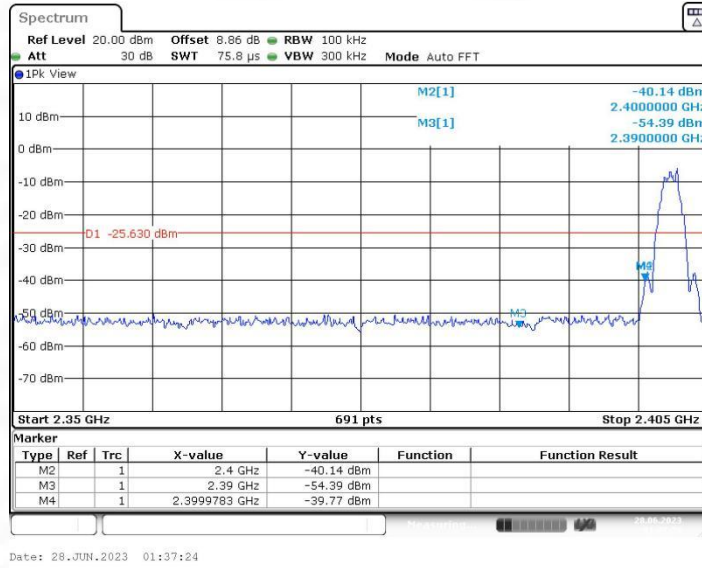
BLE_1M_Ant1_Low_2402



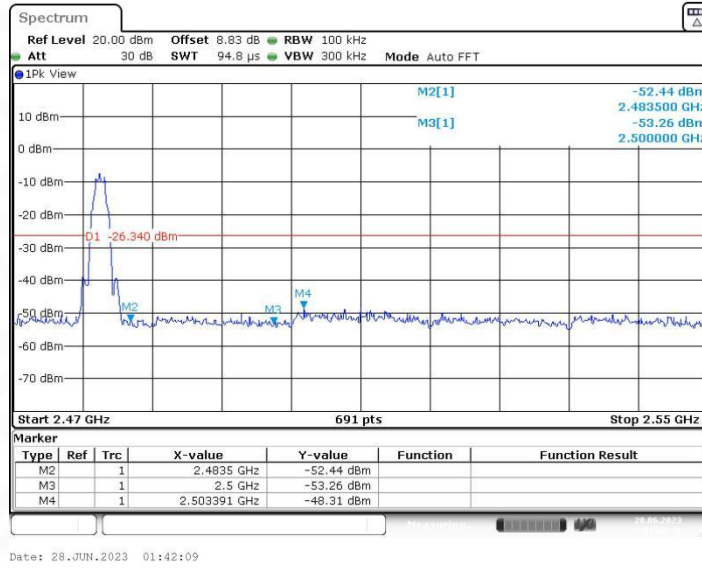
BLE_1M_Ant1_High_2480



BLE_2M_Ant1_Low_2402



BLE_2M_Ant1_High_2480



6. Form731

6.1 Form731

6.1.1 Test Result

Lower Freq (MHz)	High Freq (MHz)	MAX Power (W)	MAX Power (dBm)
2402	2480	0.000434	-3.63



Test Report Number: BTF230710R00302



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-- END OF REPORT --