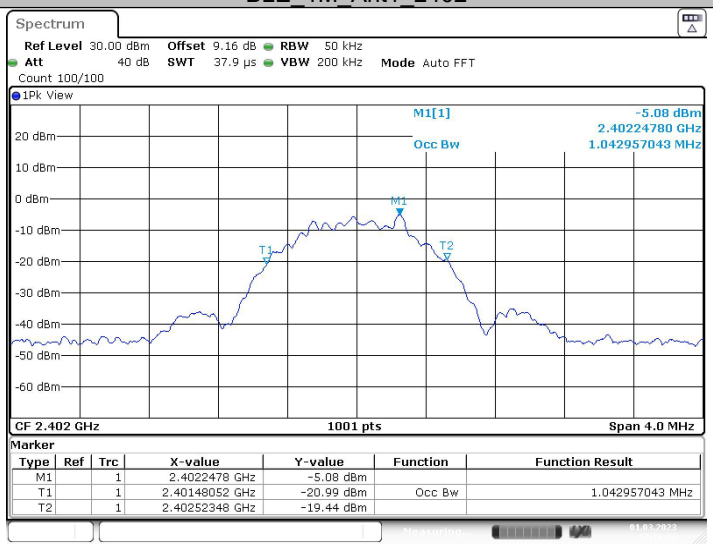
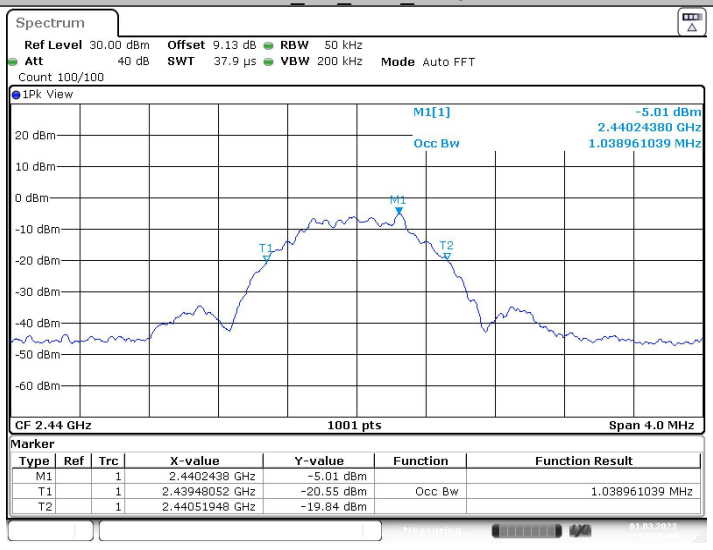
TestMode	Antenna	Freq(MHz)	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
BLE_1M	Ant1	2402	1.043	2401.4805	2402.5235	---	---
		2440	1.039	2439.4805	2440.5195	---	---
		2480	1.043	2479.4805	2480.5235	---	---
BLE_2M	Ant1	2402	2.086	2400.9730	2403.0589	---	---
		2440	2.066	2438.9810	2441.0470	---	---
		2480	2.074	2478.9770	2481.0509	---	---

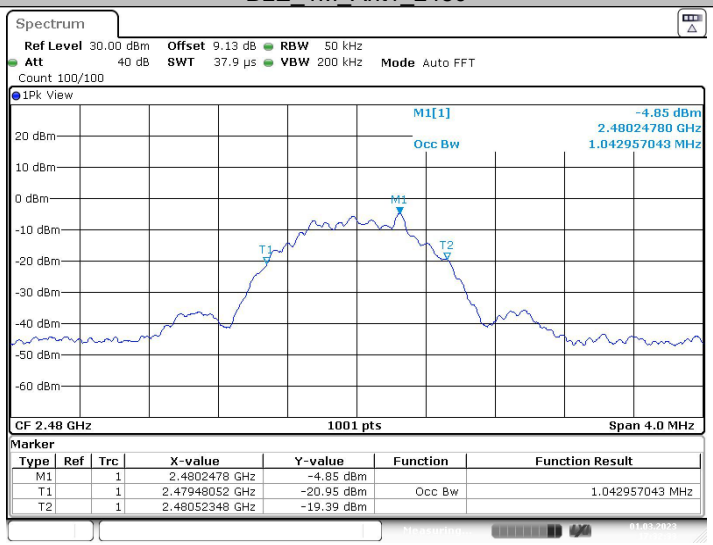
BLE_1M_Ant1_2402



BLE_1M_Ant1_2440

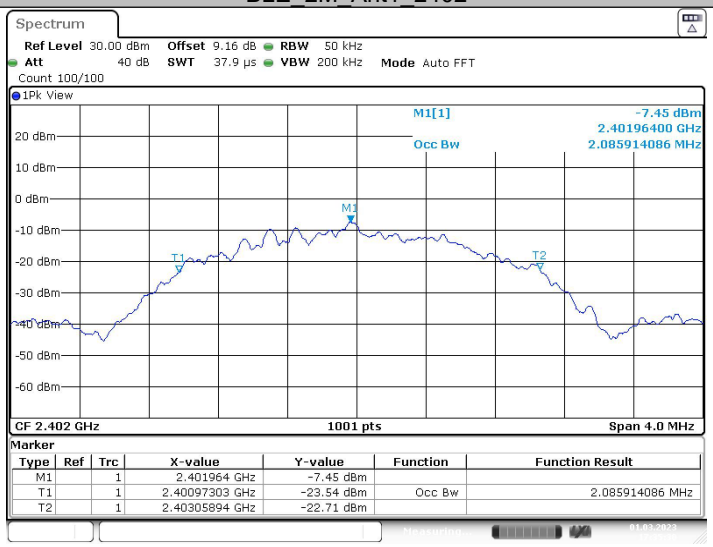


BLE_1M_Ant1_2480



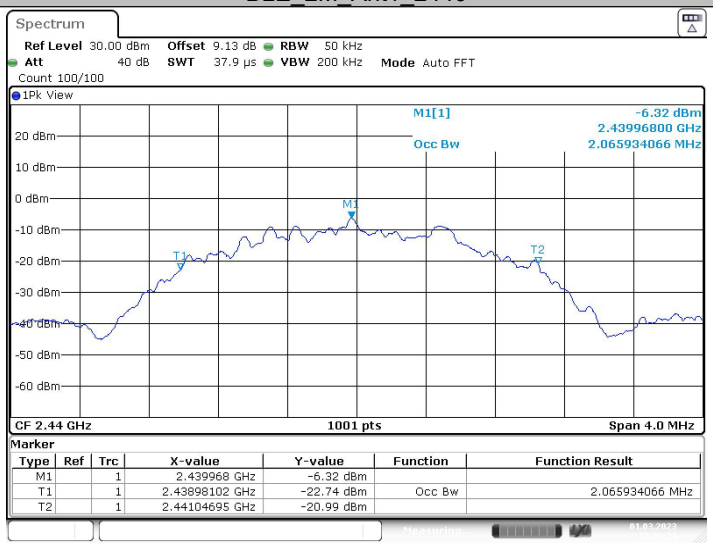
Date: 1.MAR.2023 17:32:33

BLE_2M_Ant1_2402

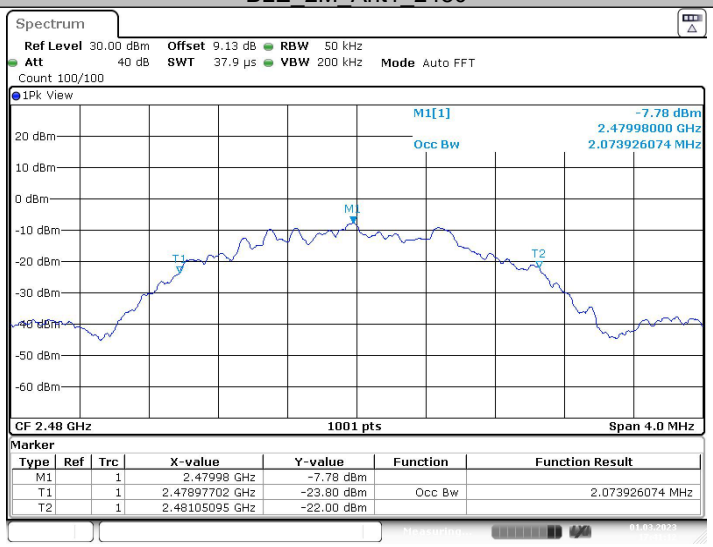


Date: 1.MAR.2023 17:35:29

BLE_2M_Ant1_2440



BLE_2M_Ant1_2480



8. BAND EDGE CHECK

8.1. Test limits

Please refer section RSS-GEN&15.247.

8.2. Test Procedure

Details see the KDB 558074 D01 15.247 Meas Guidance v05r02

8.2.1 Put the EUT on a 0.8m high table, power on the EUT. Emissions were scanned and measured rotating the EUT to 360 degrees, Find the maximum Emission

8.2.2 Check the spurious emissions out of band.

8.2.3 RBW 1MHz, VBW 3MHz, peak detector for peak value, RBW 1MHz, VBW 3MHz, RMS detector for AV value.

8.3. Test Setup

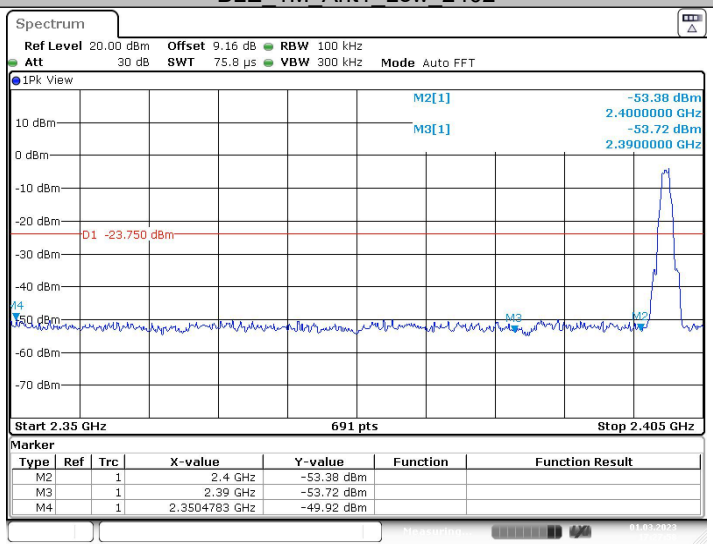
Same as 5.2.2.

8.4. Test Results

Pass

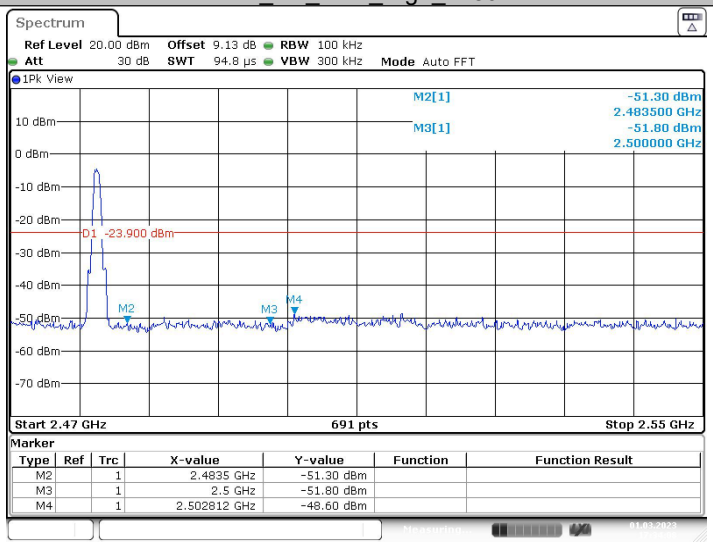
The test results are listed in next pages.

BLE_1M_Ant1_Low_2402



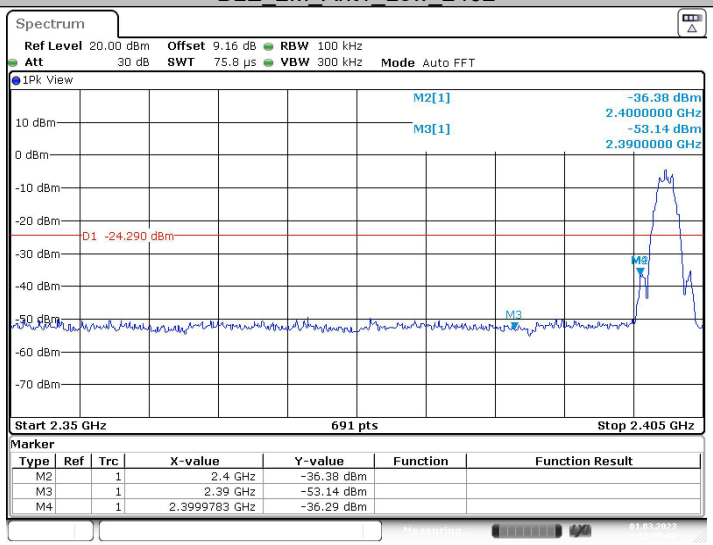
Date: 1.MAR.2023 17:27:58

BLE_1M_Ant1_High_2480

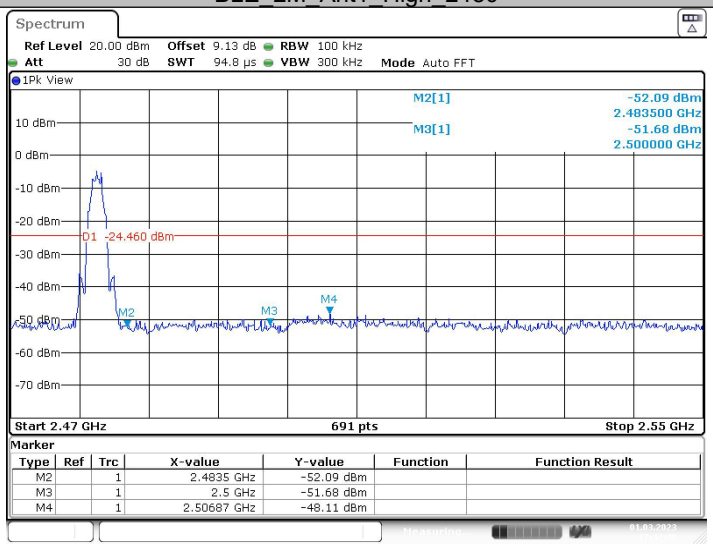


Date: 1.MAR.2023 17:34:08

BLE_2M_Ant1_Low_2402

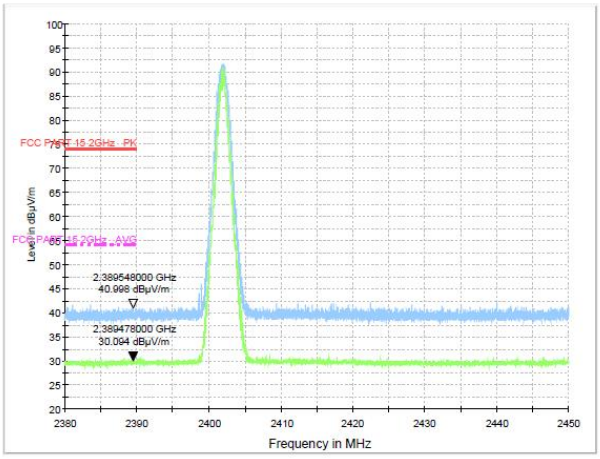


BLE_2M_Ant1_High_2480

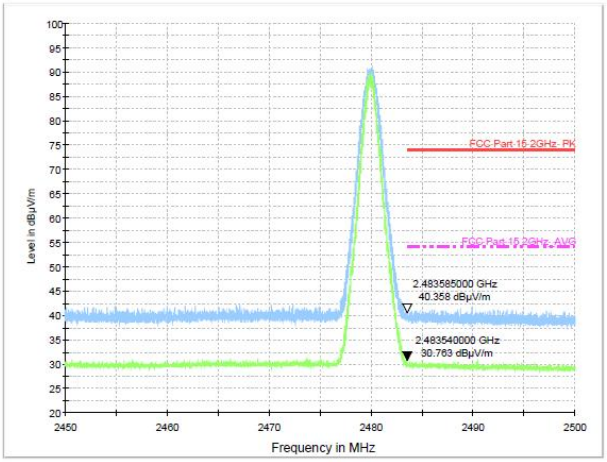


Radiated Method: GFSK(1M)

Test Mode: CH-L

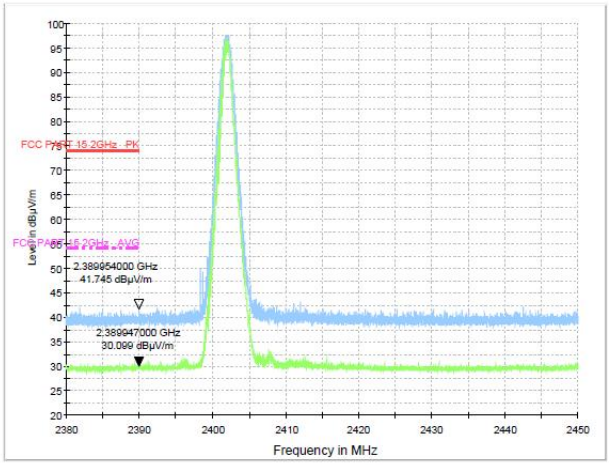


Test Mode: CH-H

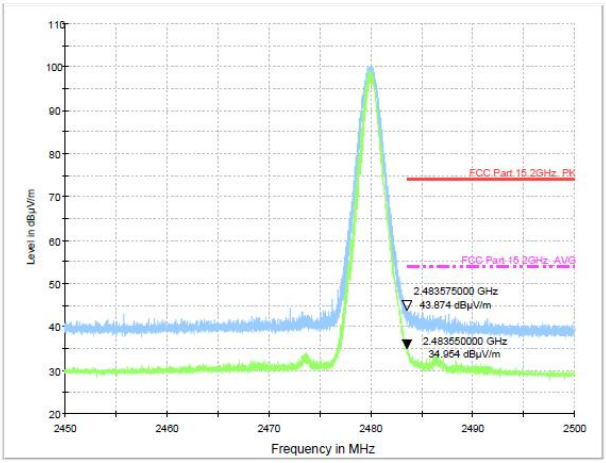


Radiated Method: GFSK(2M)

Test Mode: CH-L



Test Mode: CH-H



9. ANTENNA REQUIREMENT

9.1. Standard Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

9.2. Antenna Connected Construction

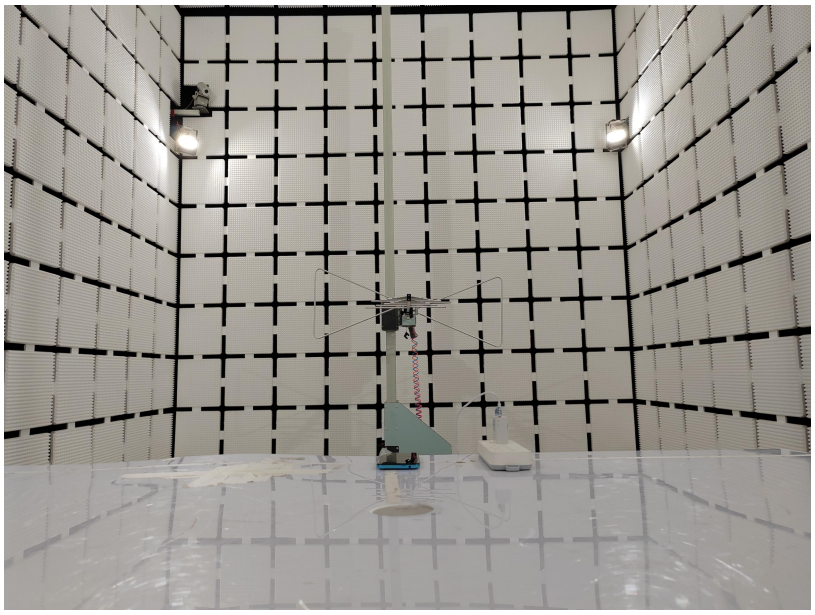
The antenna is internal antenna and no consideration of replacement. Please see EUT photo for details.

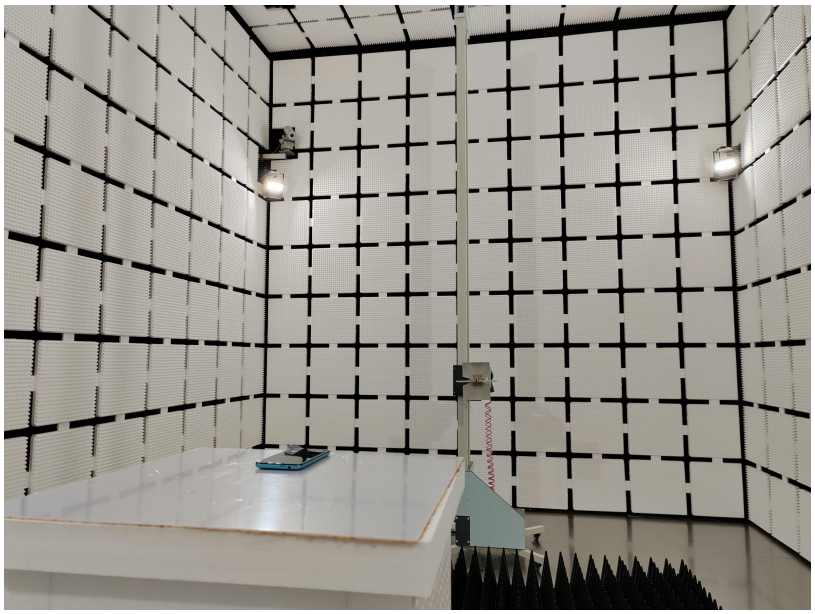
9.3. Results

The use of an antenna that is uniquely coupled to the intended radiator shall be considered sufficient to comply with the provisions of this section.

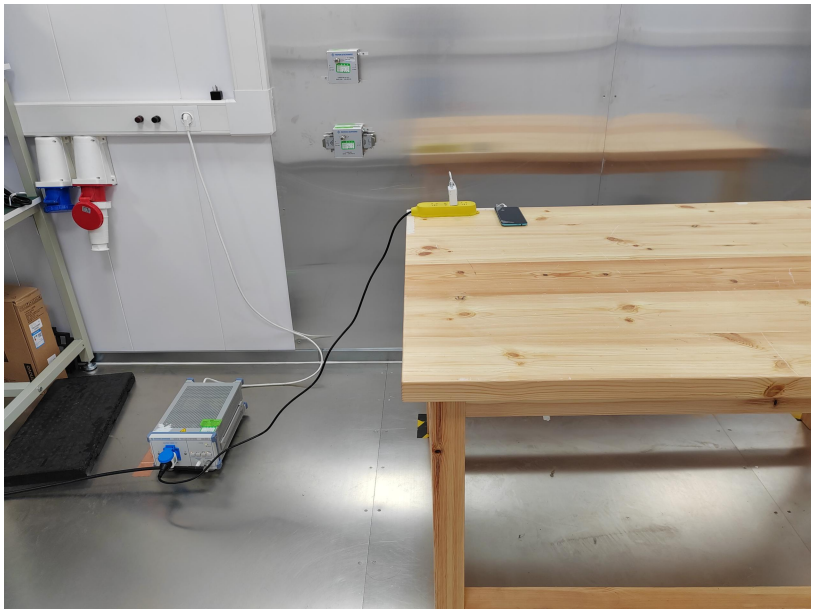
10. TEST SETUP PHOTO

10.1.Photo of Radiated Emission test





10.2.Photo of Conducted Emission test



-------END OF REPORT-------