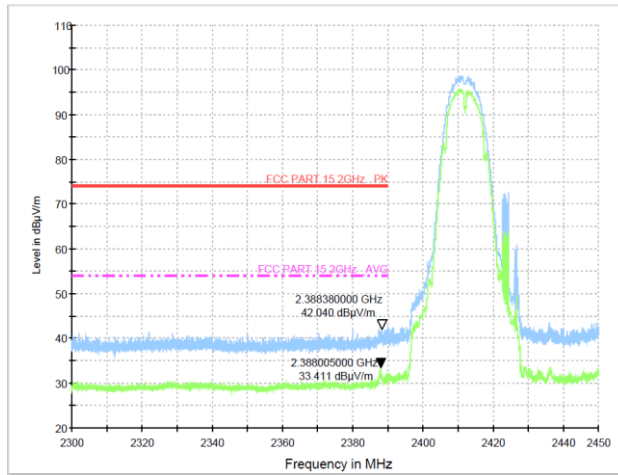
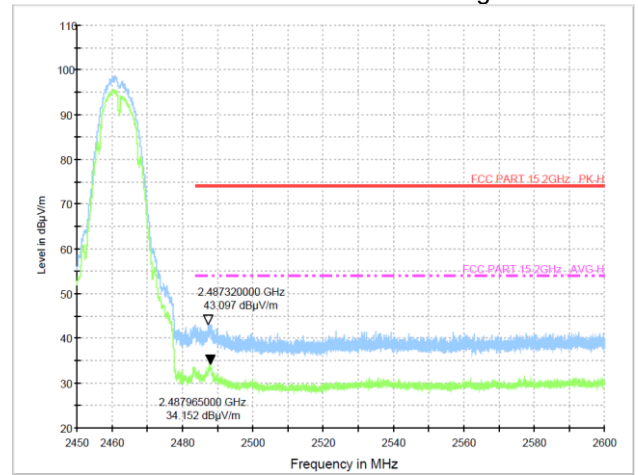


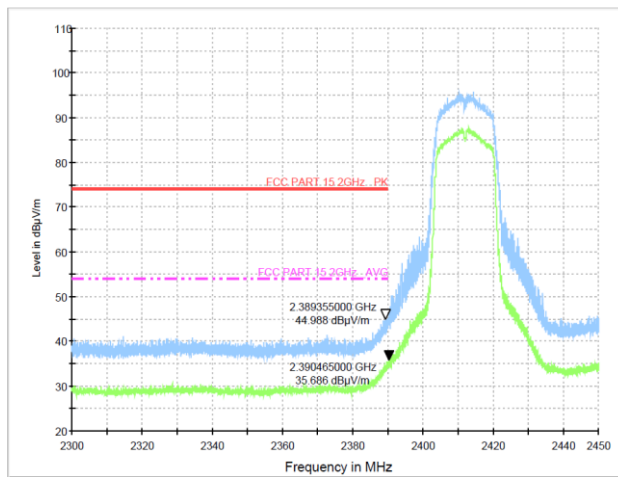
Test Mode: IEEE 802.11b-Low



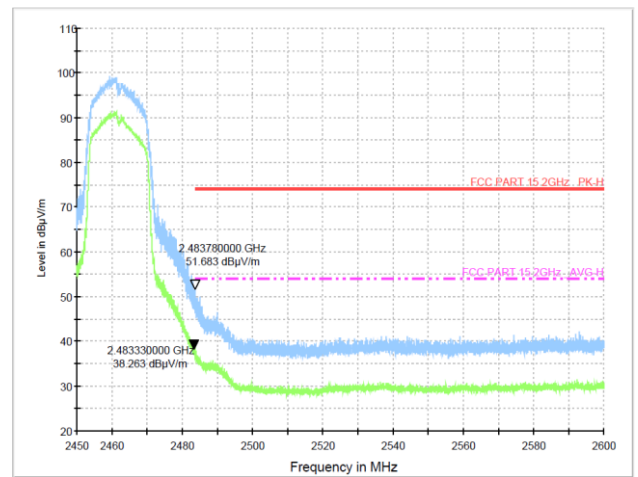
Test Mode: IEEE 802.11b-High



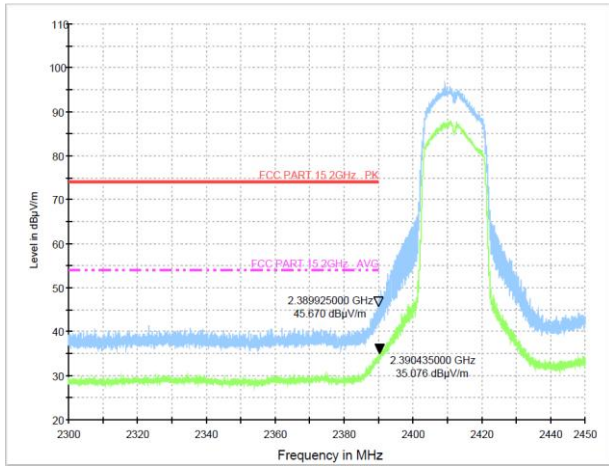
Test Mode: IEEE 802.11g-Low



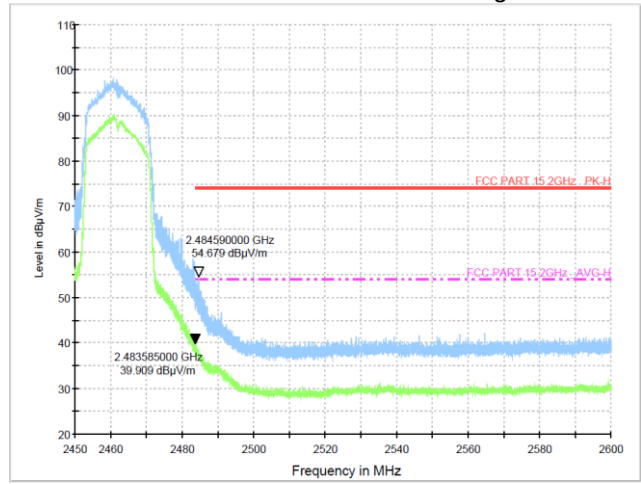
Test Mode: IEEE 802.11g-High



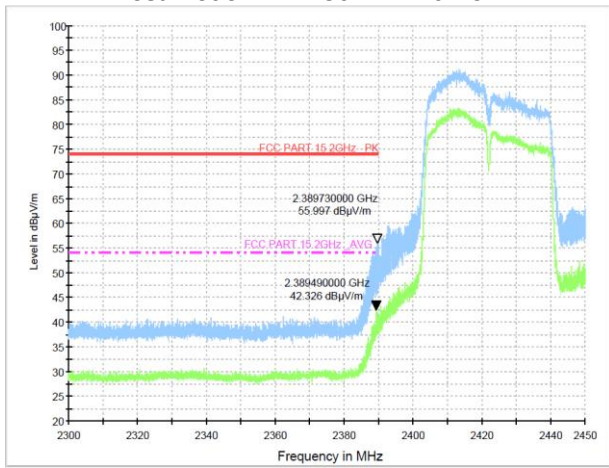
Test Mode: IEEE 802.11n20-Low



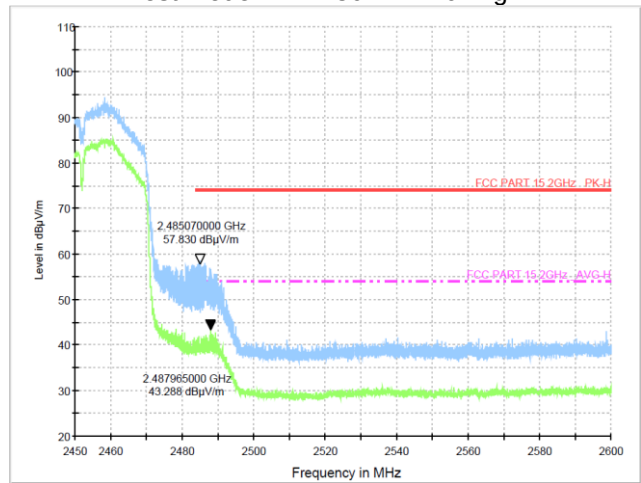
Test Mode: IEEE 802.11n20-High



Test Mode: IEEE 802.11n40-Low



Test Mode: IEEE 802.11n40-High

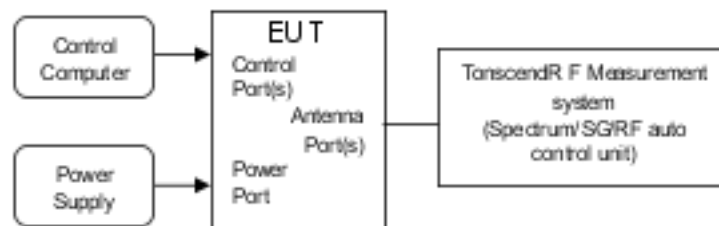


## 10. BAND EDGE (CONDUCTED)

### 10.1. Test limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in § 15.209(a) (see § 15.205(c)).

### 10.2. Block diagram of test setup



### 10.3. Test Procedure

Details see the ANSI C63.10-2020

10.3.1. Place the EUT on the table and set it in transmitting mode.

10.3.2. Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.

10.3.3. Set center frequency of spectrum analyzer = operating frequency.

10.3.4. The resolution bandwidth is set to 100 kHz. The video bandwidth is set to 300 kHz. The detector is set to Peak. The trace mode is max hold.

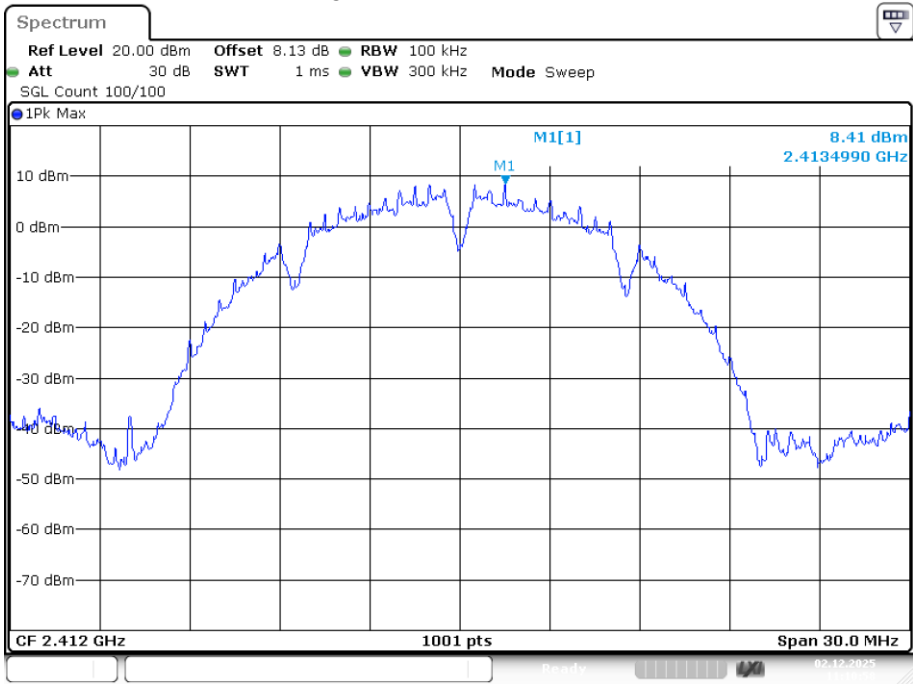
10.3.5. Repeat above procedures until all frequency measured were complete.

### 10.4. Test Results

Pass

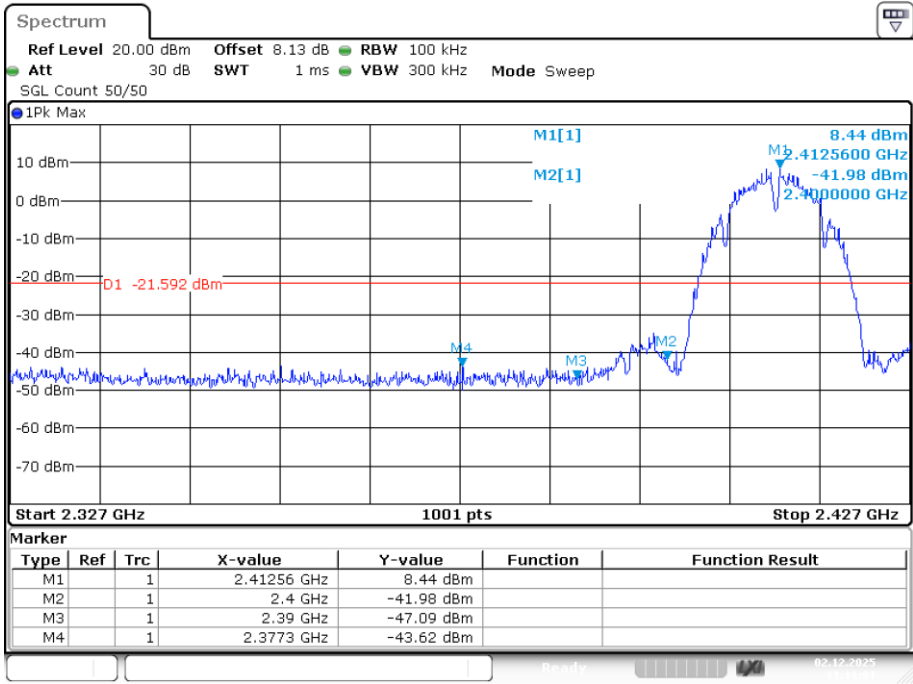
The test results are listed in next pages.

Band Edge NVNT b 2412MHz Ant1 Ref



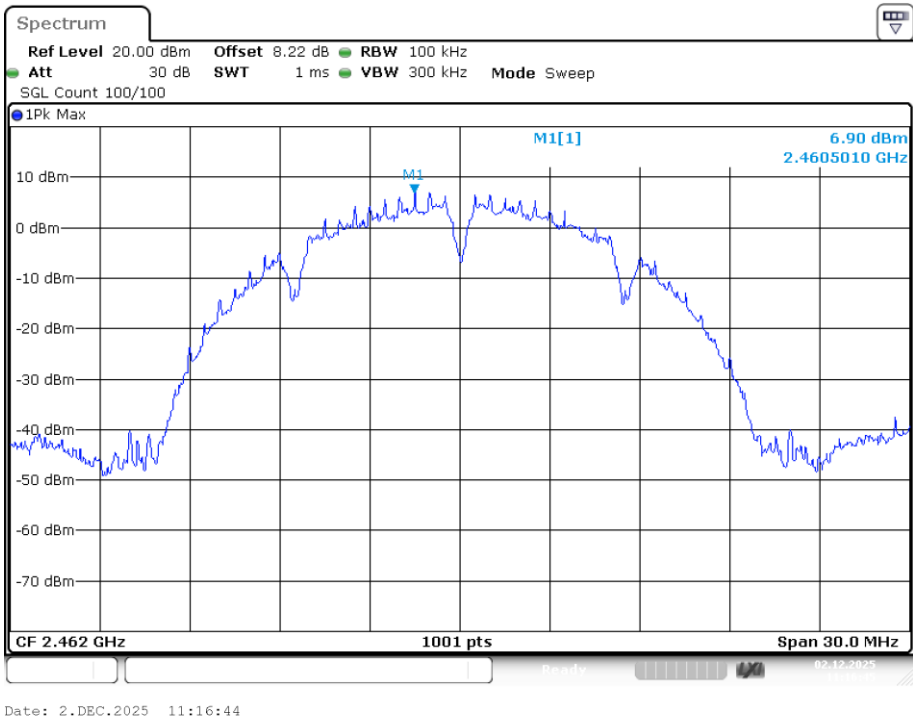
Date: 2.DEC.2025 11:10:58

Band Edge NVNT b 2412MHz Ant1 Emission

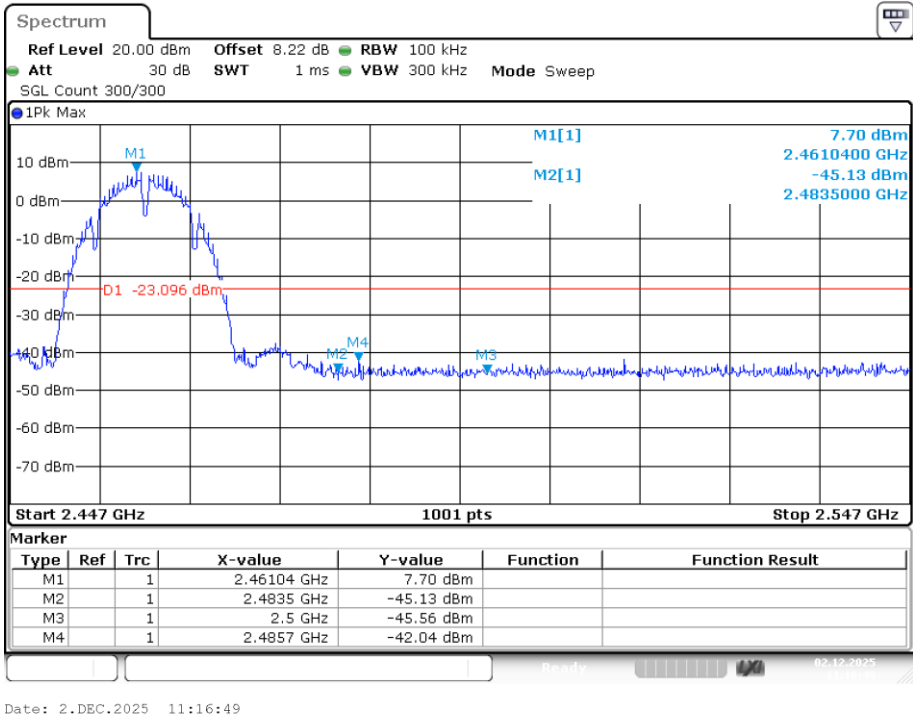


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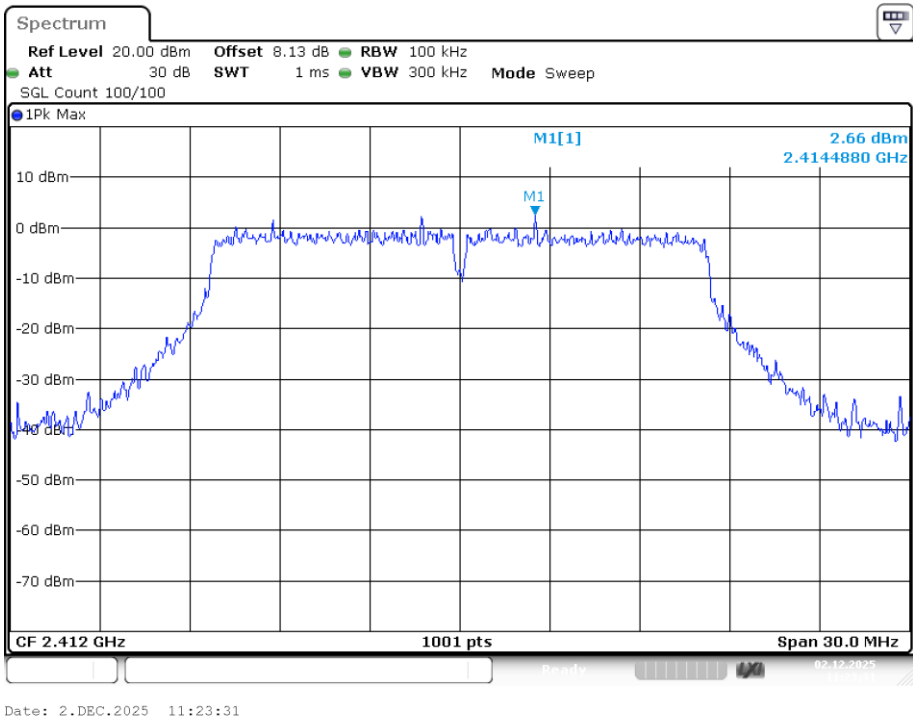
Band Edge NVNT b 2462MHz Ant1 Ref



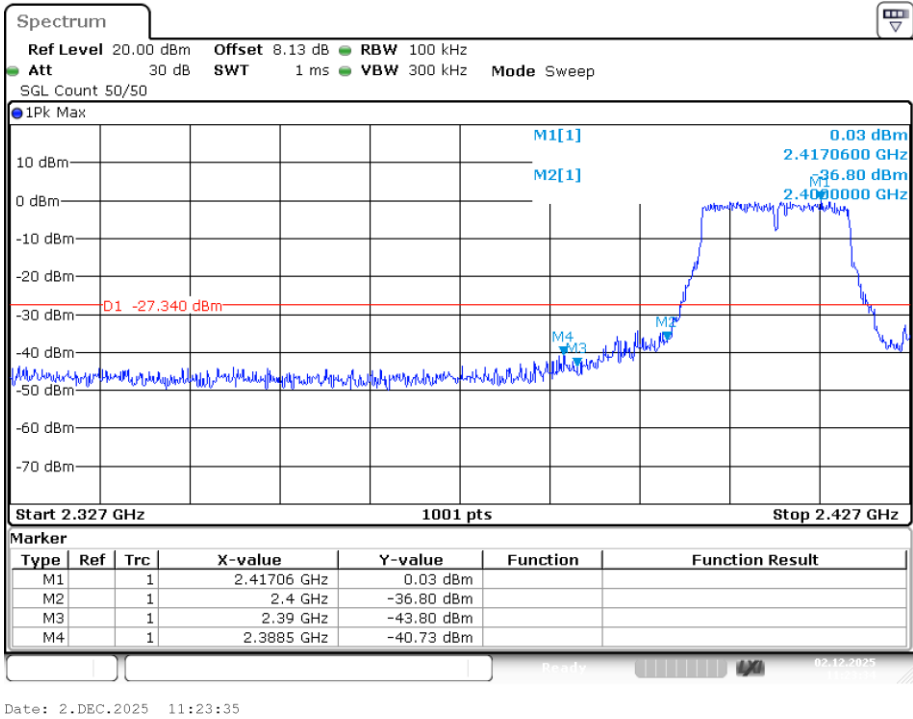
Band Edge NVNT b 2462MHz Ant1 Emission



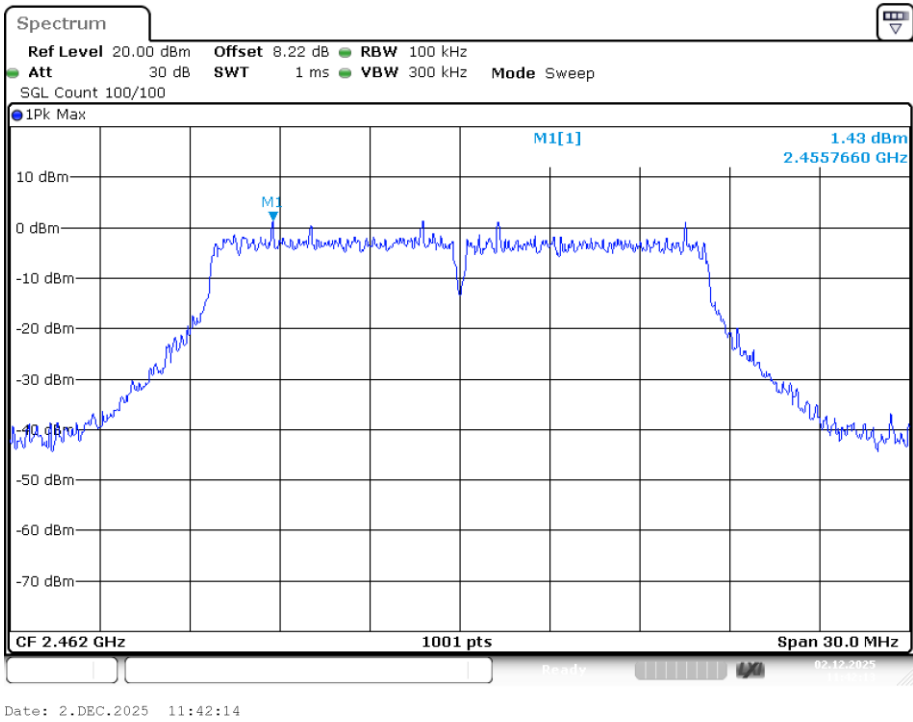
Band Edge NVNT g 2412MHz Ant1 Ref



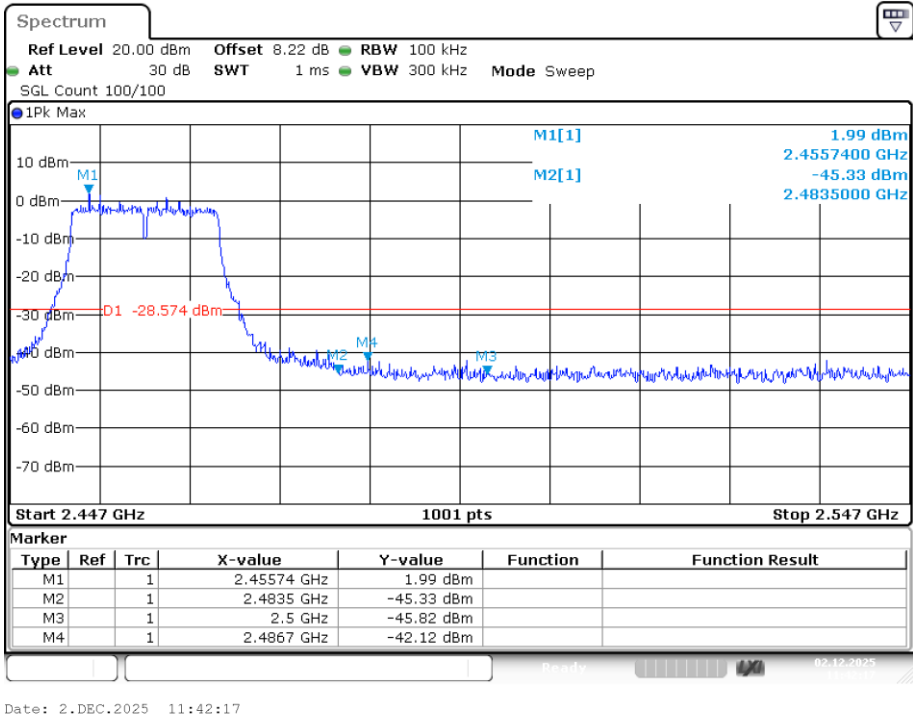
Band Edge NVNT g 2412MHz Ant1 Emission



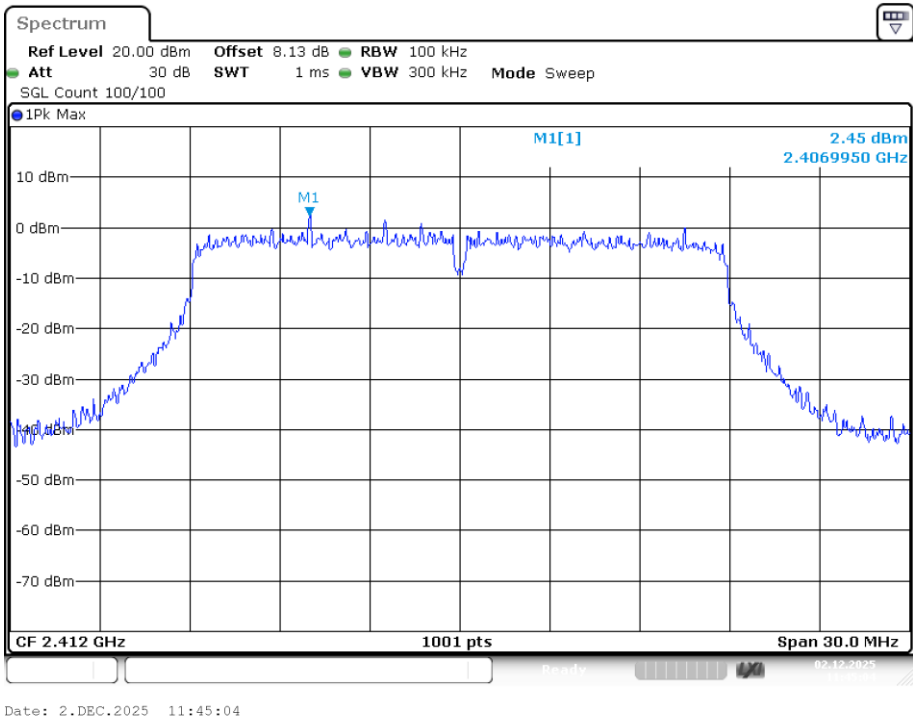
Band Edge NVNT g 2462MHz Ant1 Ref



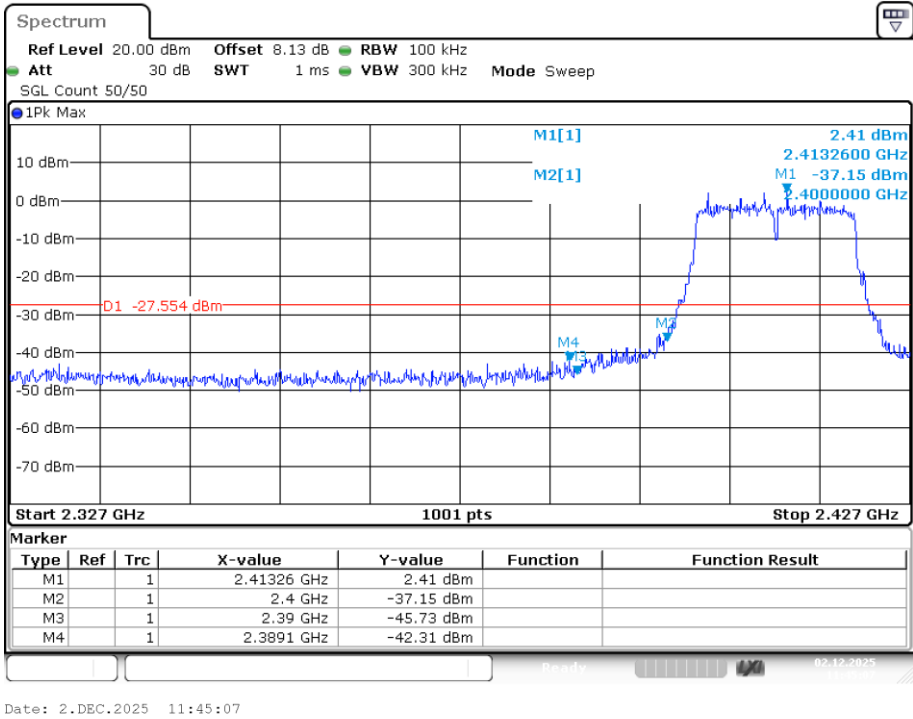
Band Edge NVNT g 2462MHz Ant1 Emission



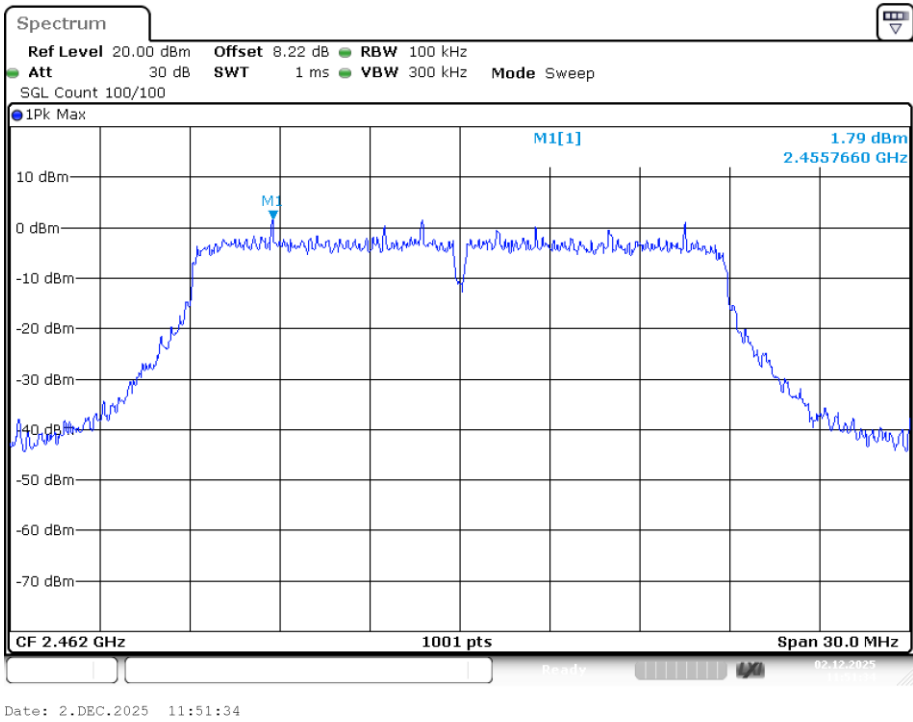
Band Edge NVNT n20 2412MHz Ant1 Ref



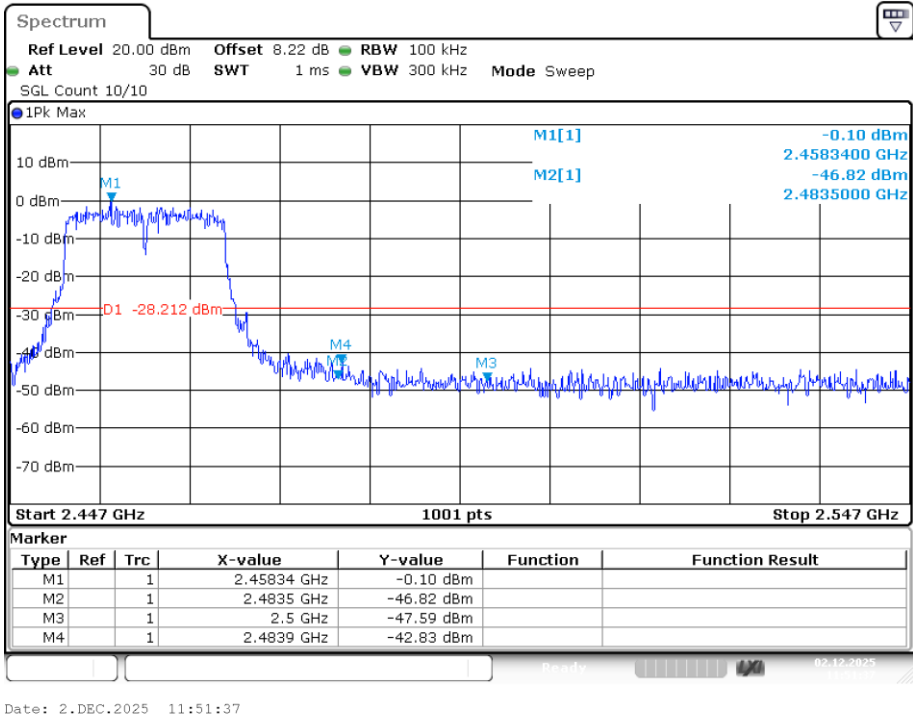
Band Edge NVNT n20 2412MHz Ant1 Emission



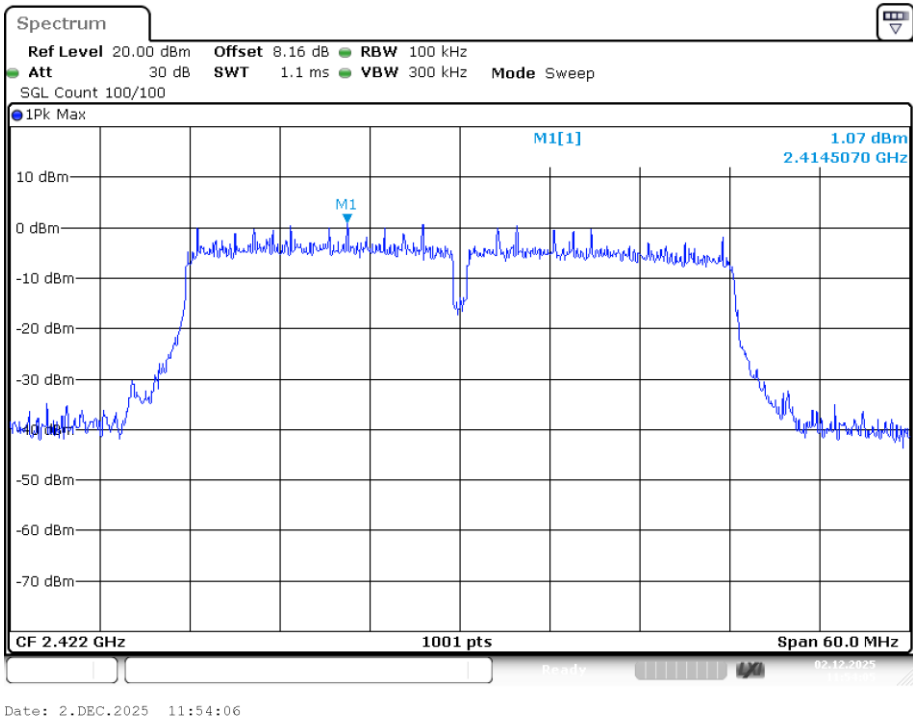
Band Edge NVNT n20 2462MHz Ant1 Ref



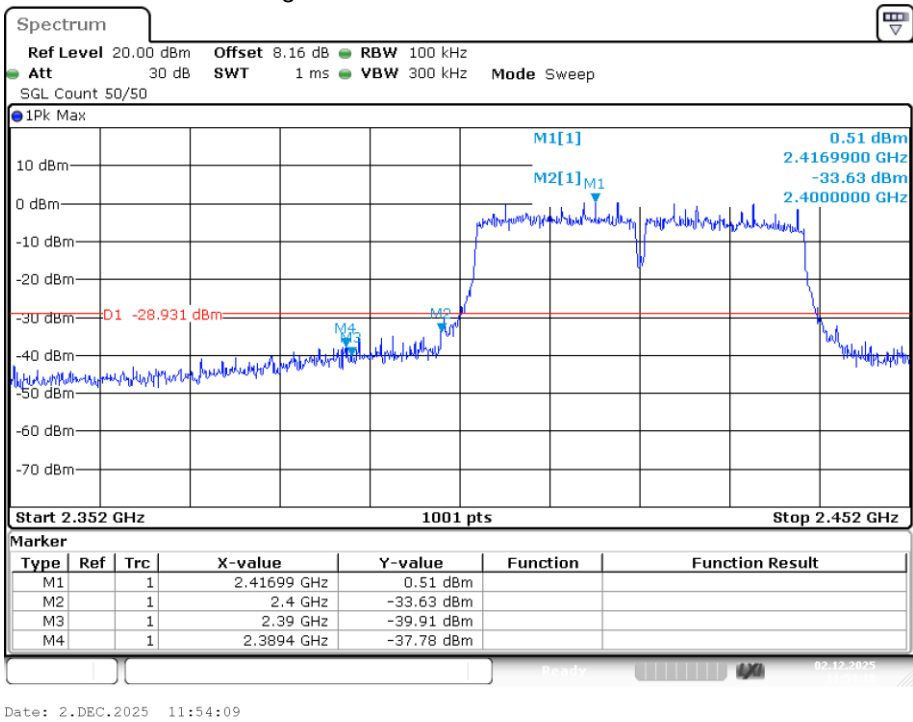
Band Edge NVNT n20 2462MHz Ant1 Emission



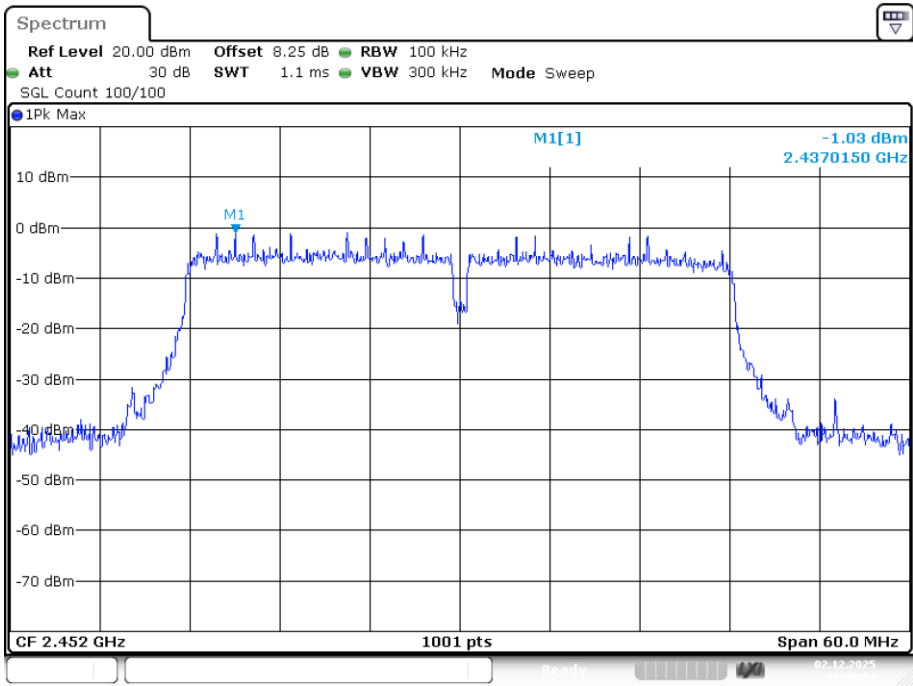
Band Edge NVNT n40 2422MHz Ant1 Ref



Band Edge NVNT n40 2422MHz Ant1 Emission

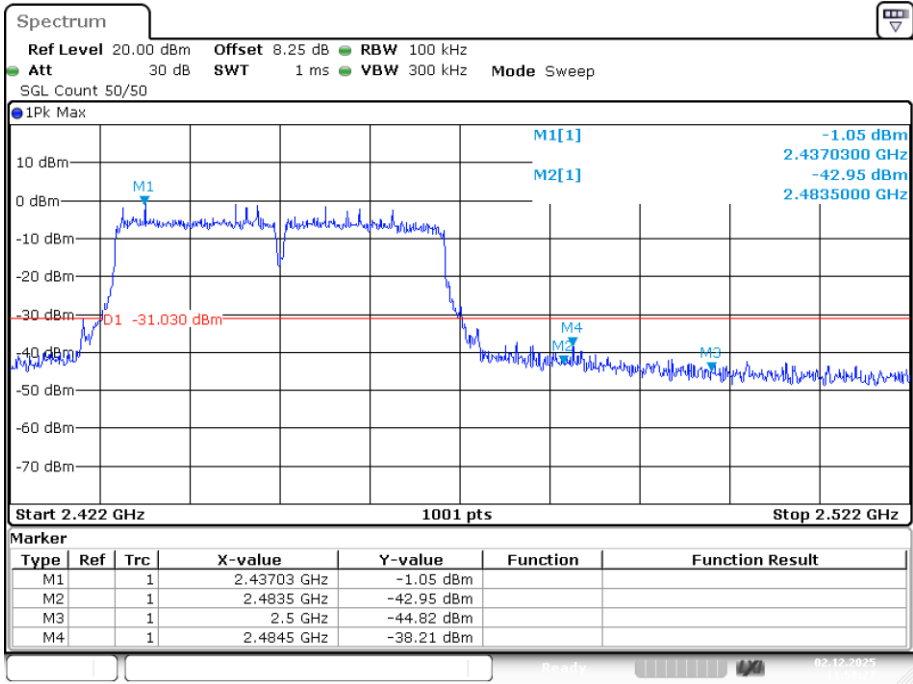


Band Edge NVNT n40 2452MHz Ant1 Ref



Date: 2.DEC.2025 11:58:23

Band Edge NVNT n40 2452MHz Ant1 Emission



Date: 2.DEC.2025 11:58:26

## **11. ANTENNA REQUIREMENT**

### **11.1. 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.

### **11.2. Antenna Connected Construction**

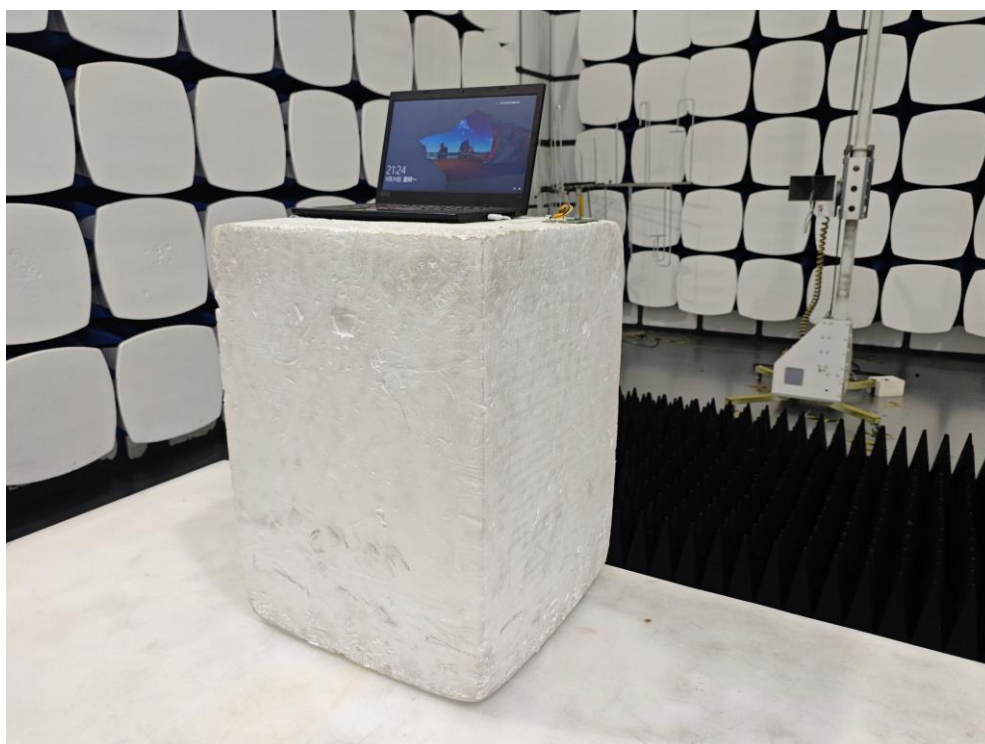
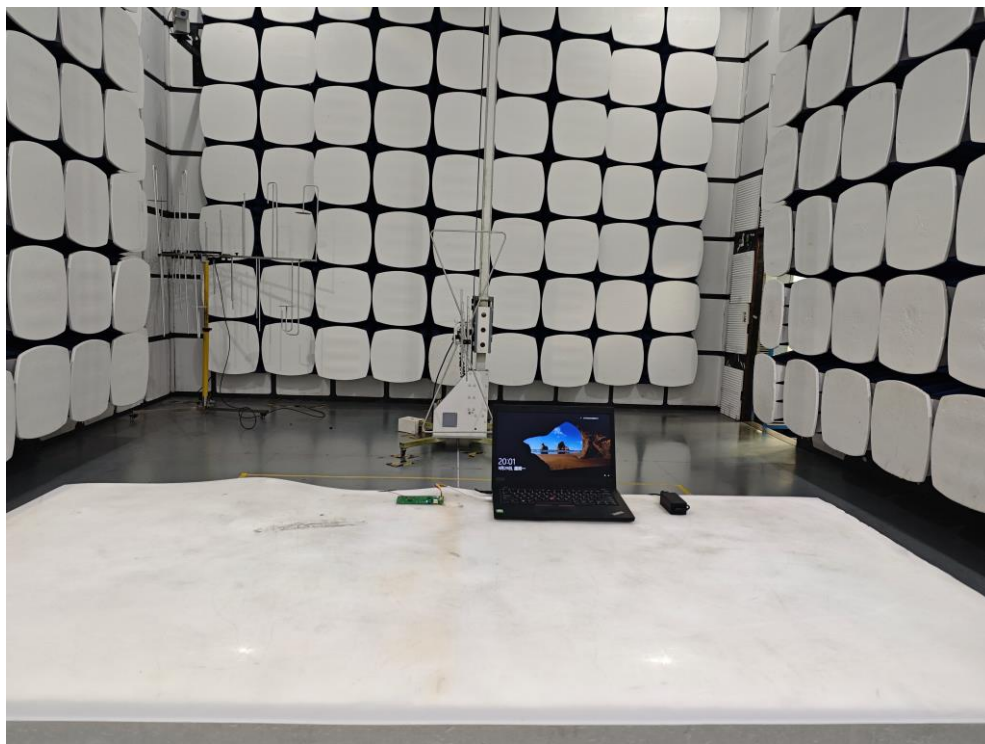
The antenna connector is unique antenna and no consideration of replacement. Please see EUT photo for details.

### **11.3. Results**

The EUT antenna is FPC antenna. It complies with the standard requirement.

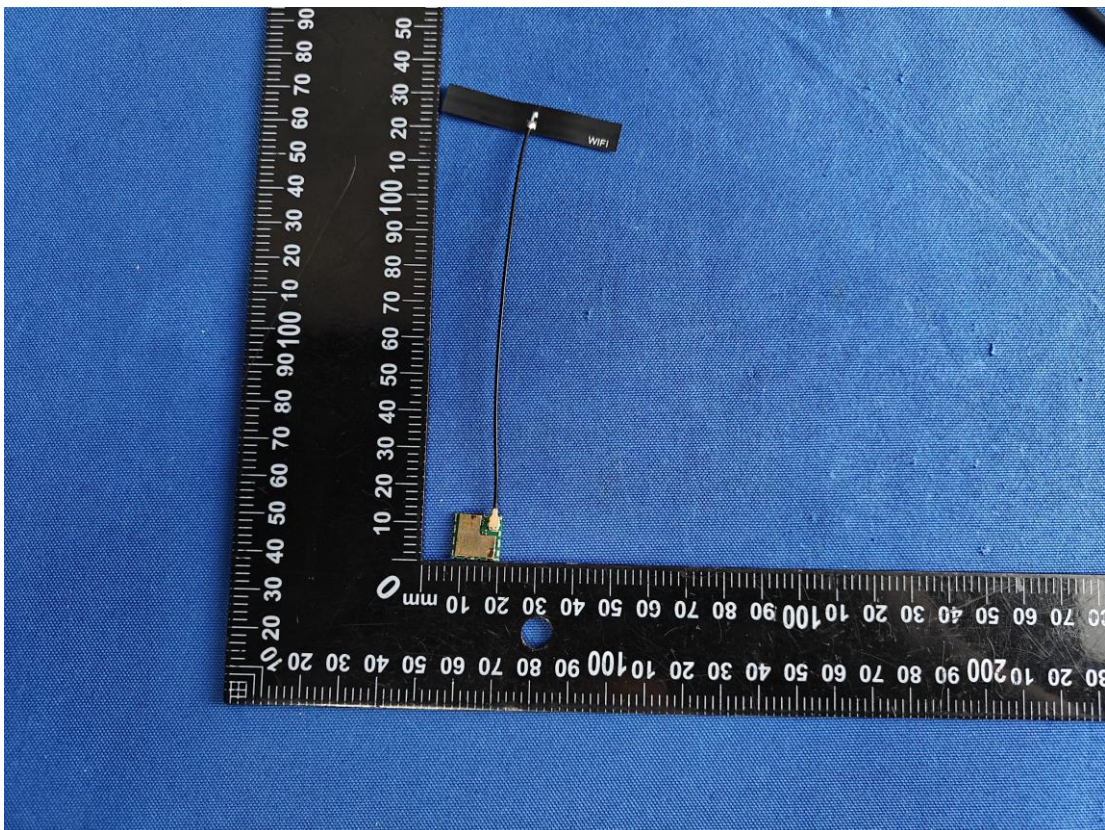
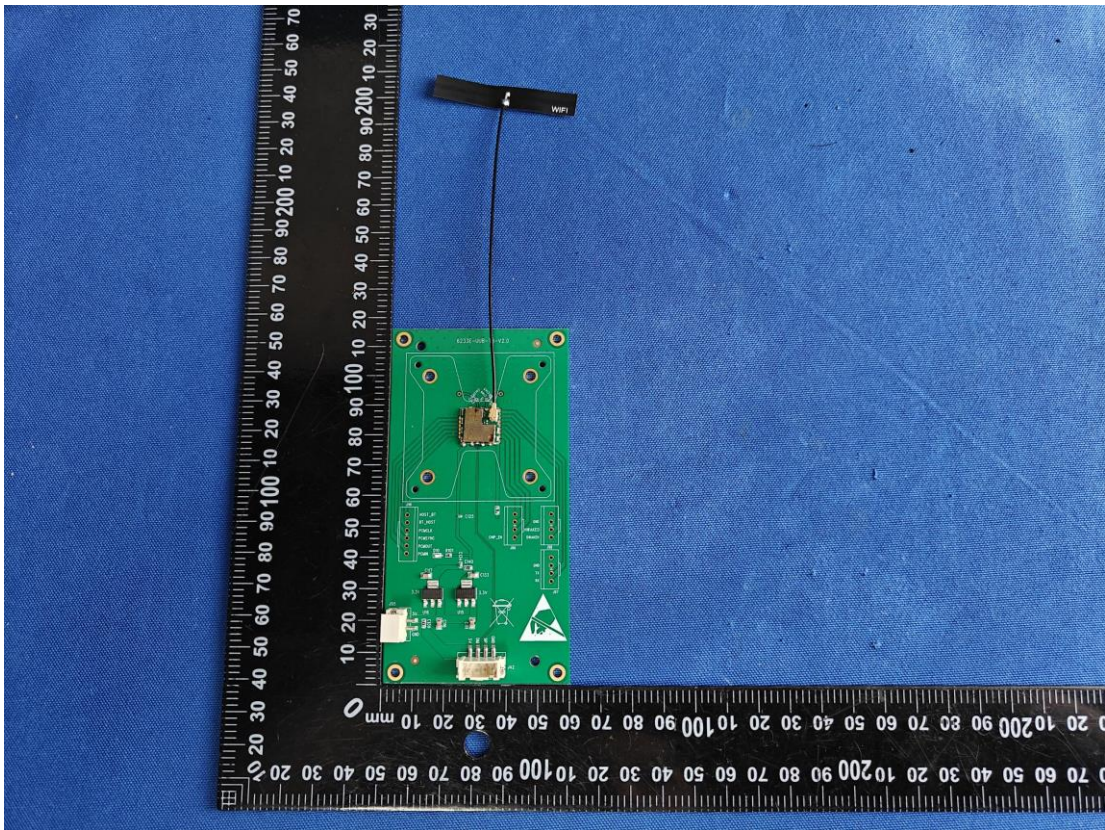
## 12. TEST SETUP PHOTO

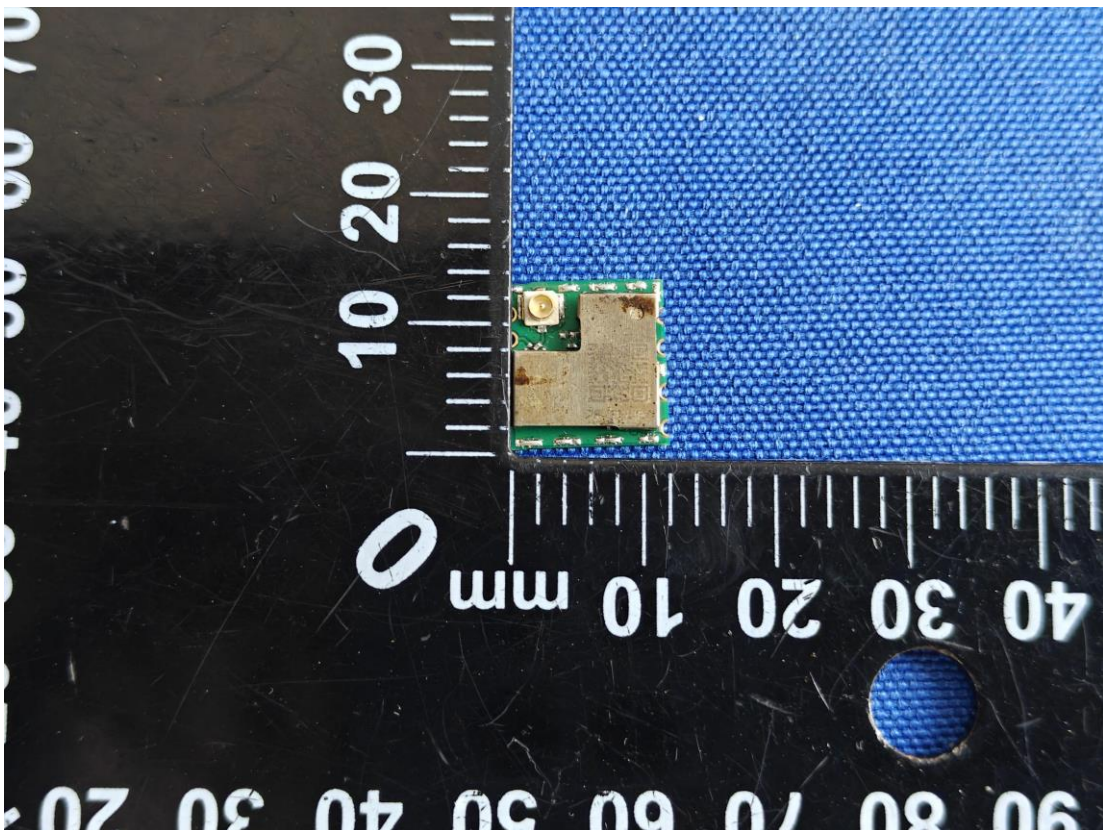
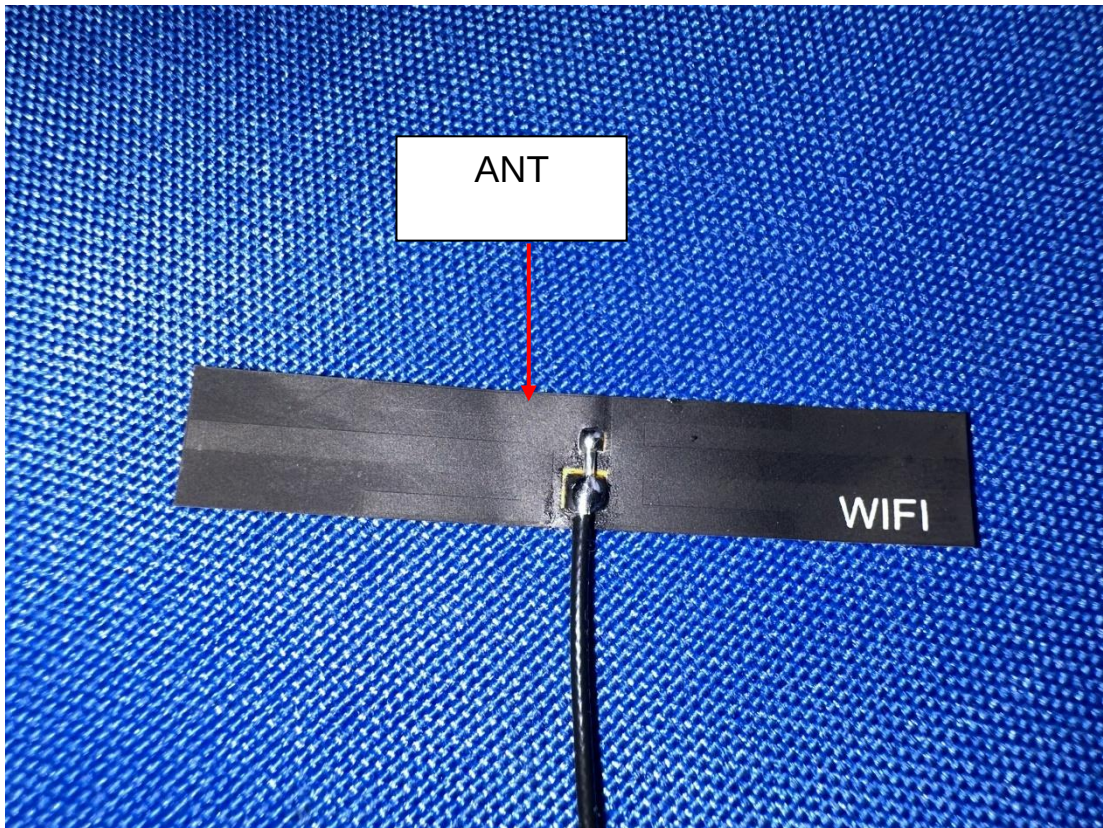
### 12.1. Photos of Radiated emission

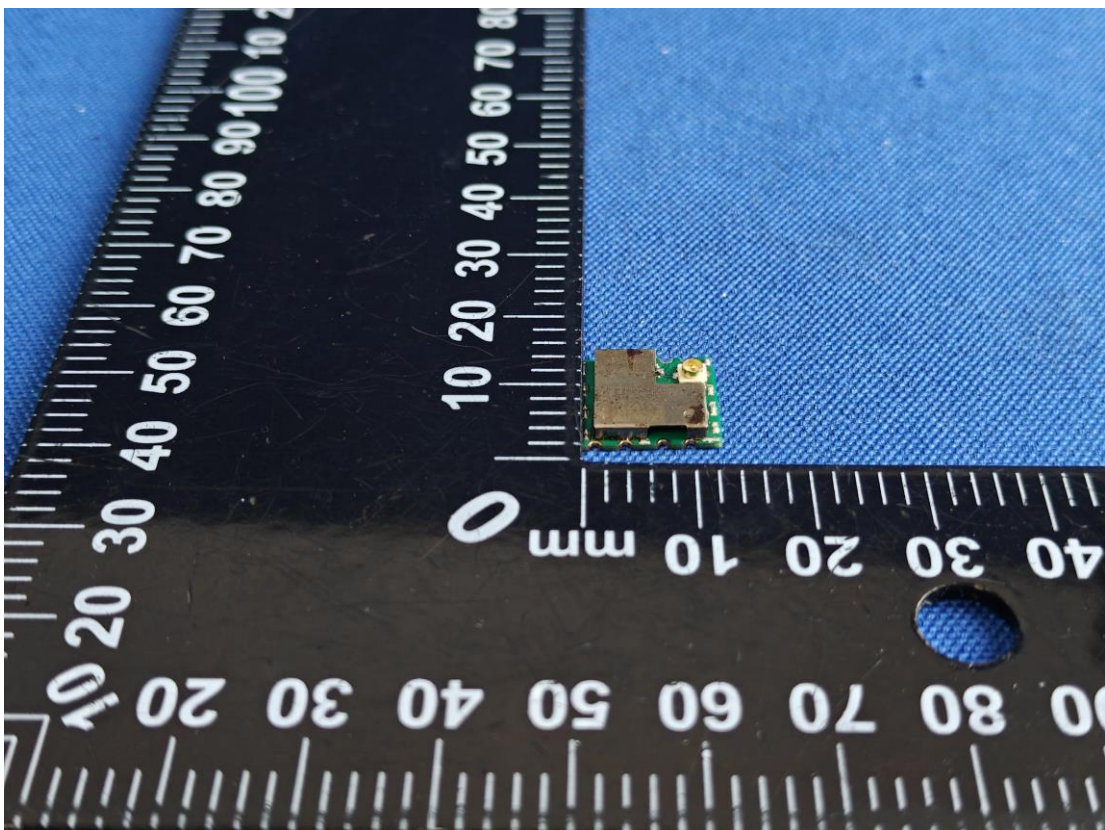
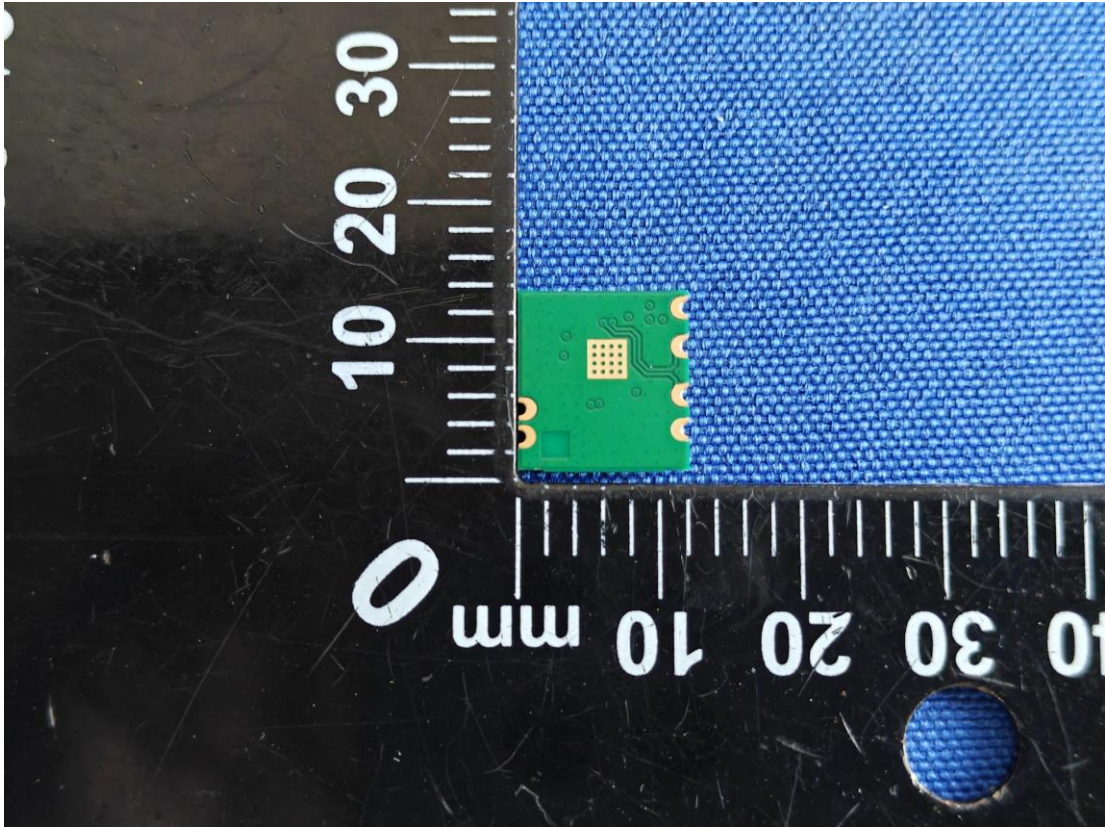


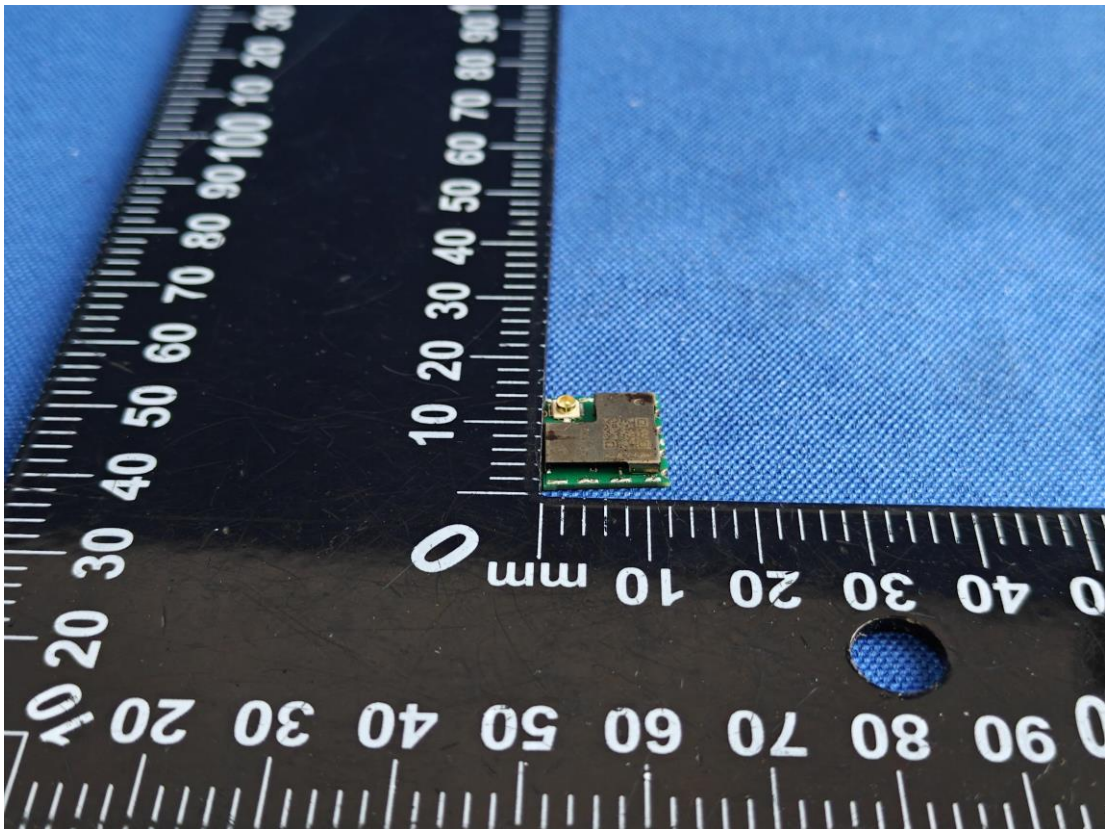
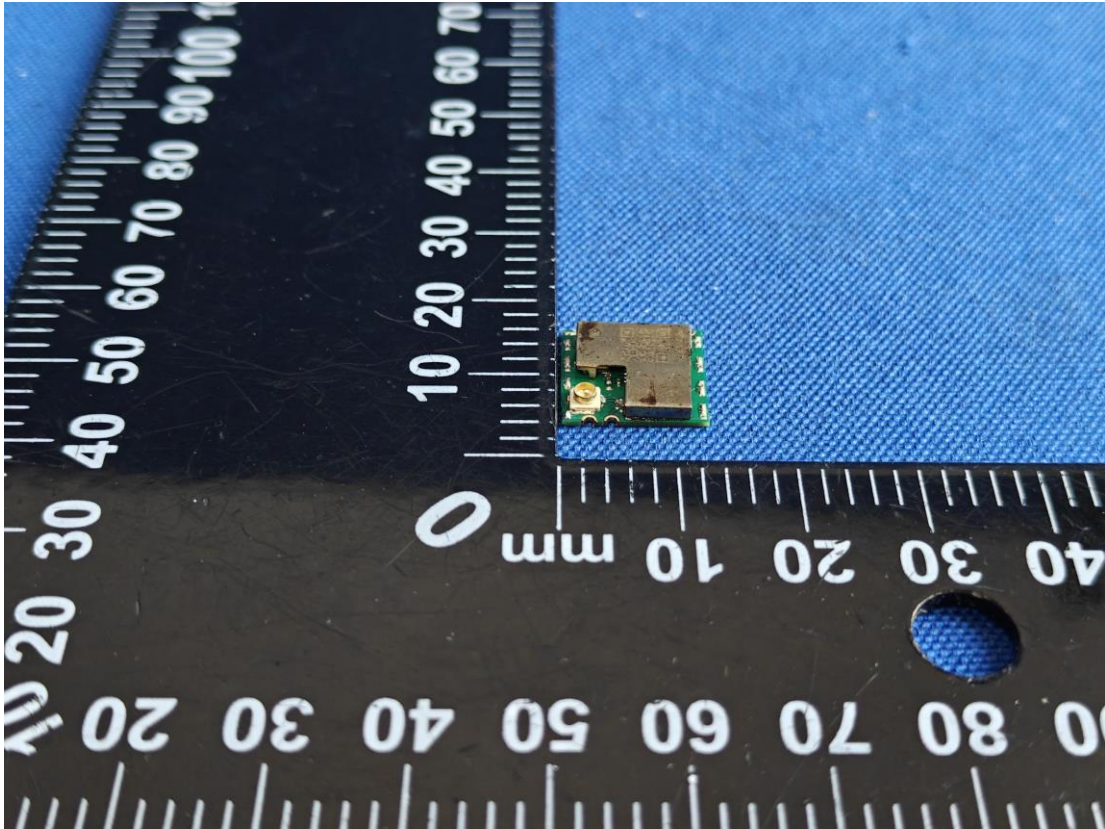


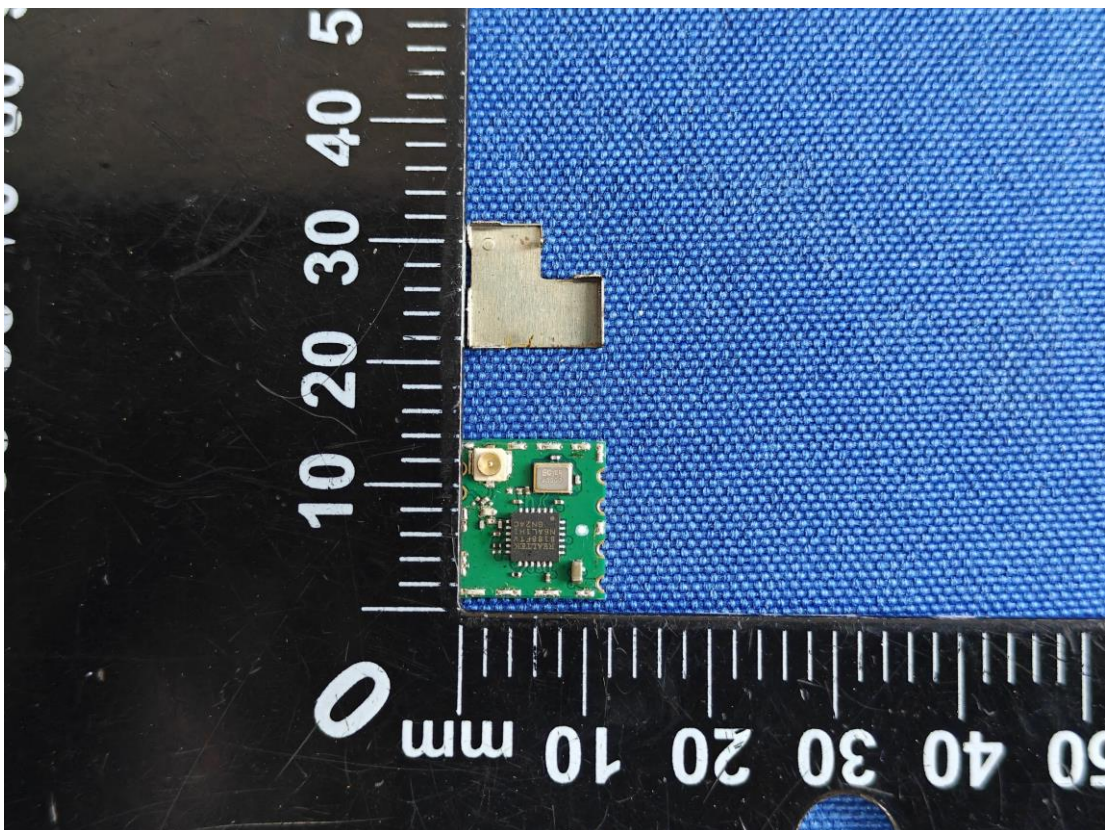
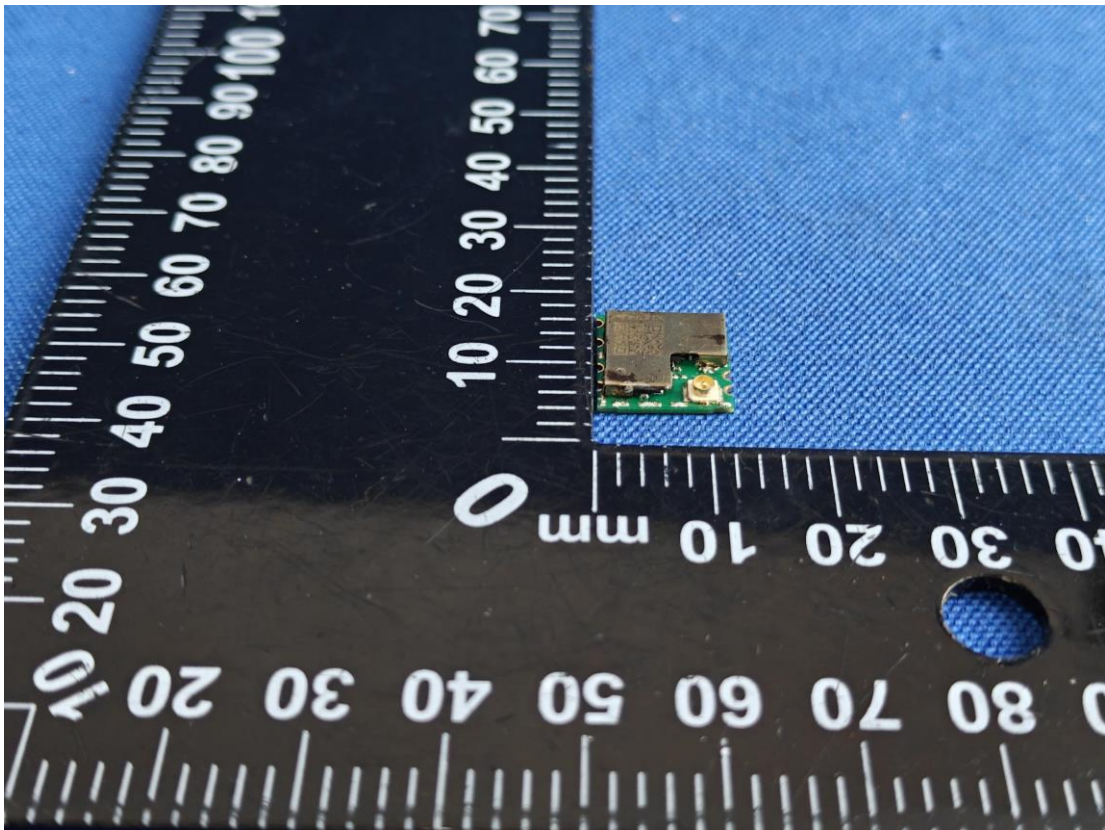
### 13.EUT PHOTO

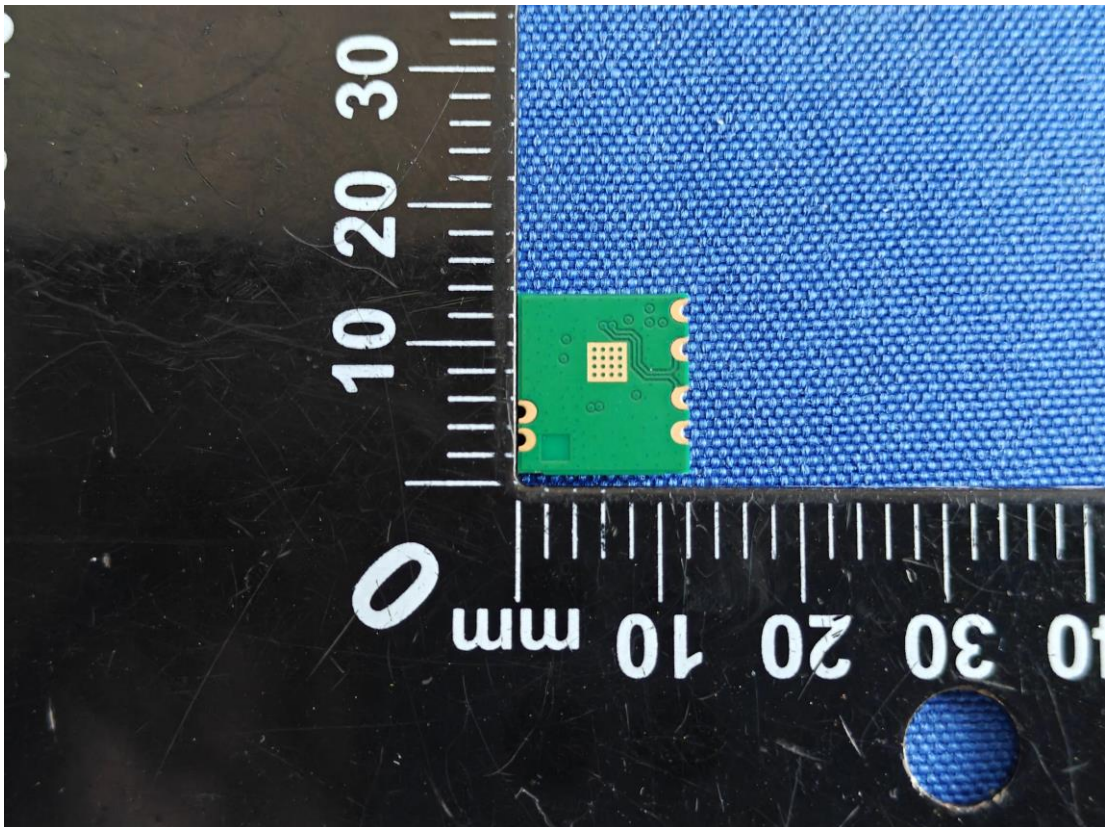
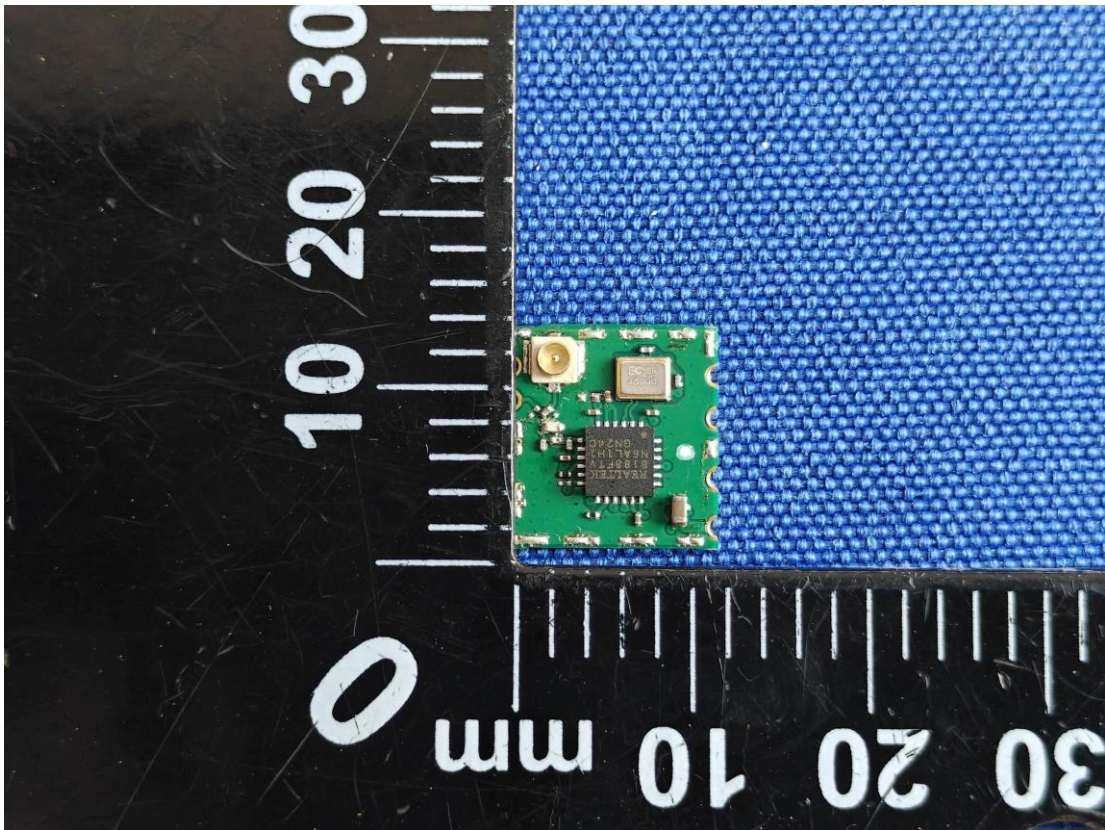


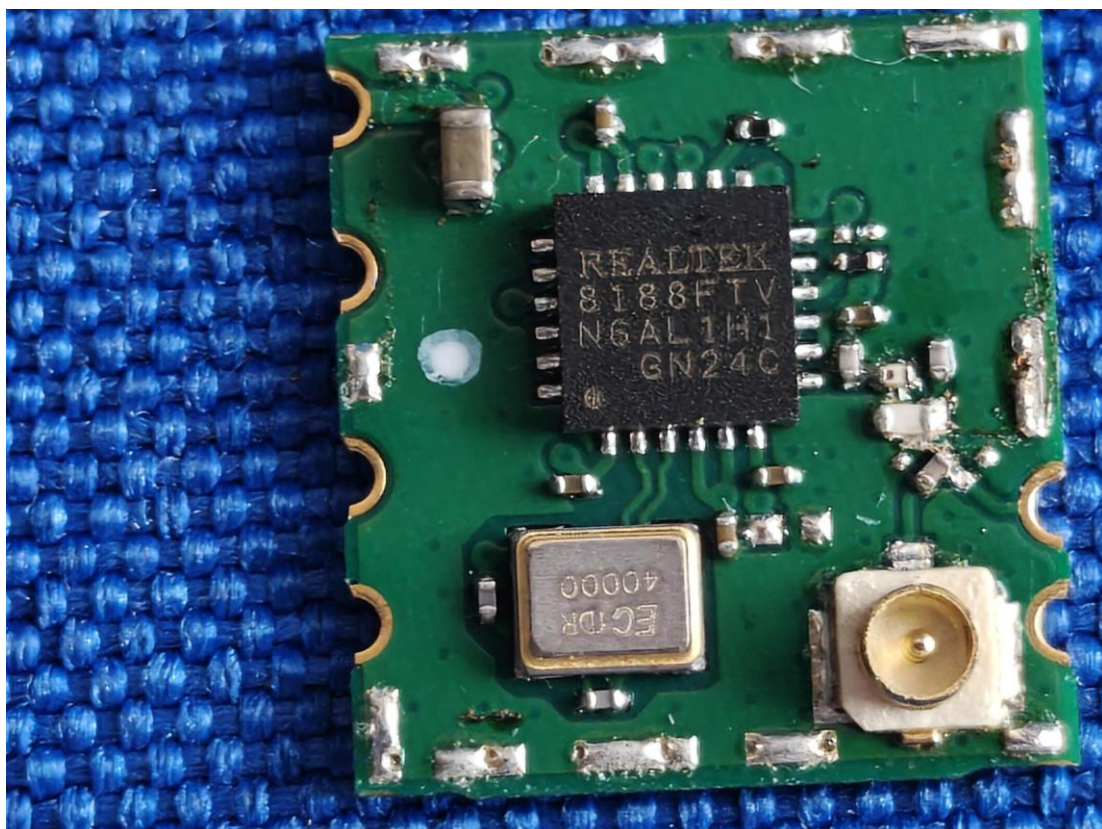












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