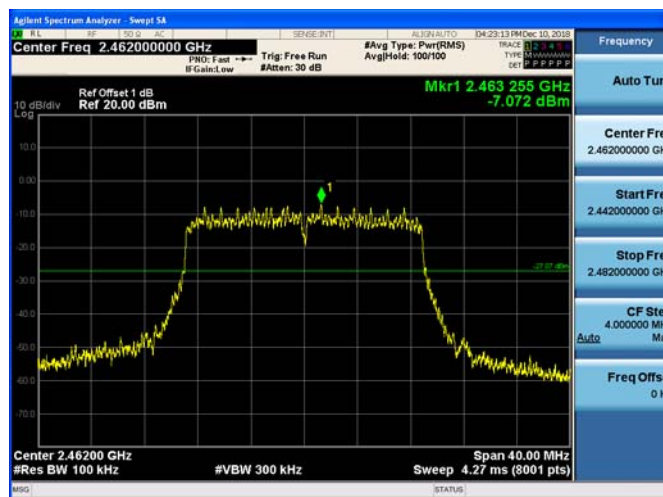
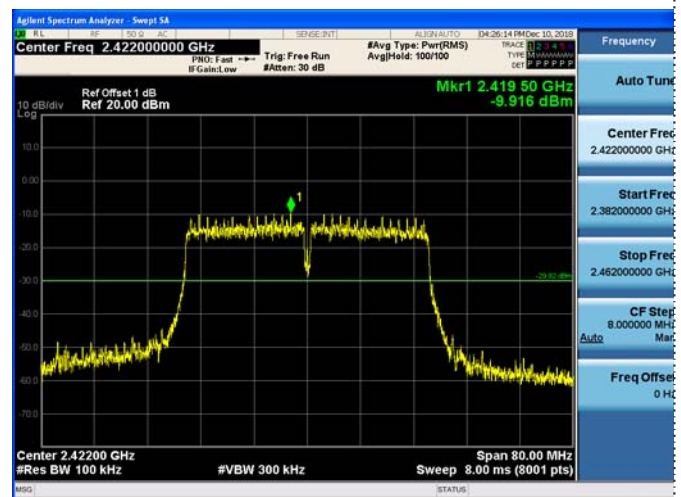


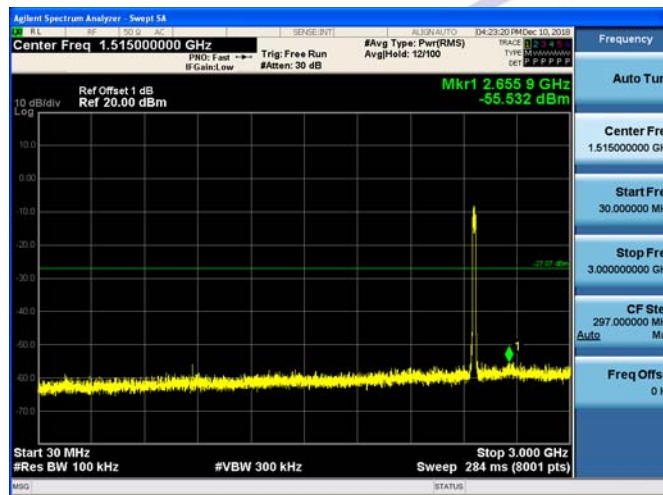
802.11n(HT20) CH11



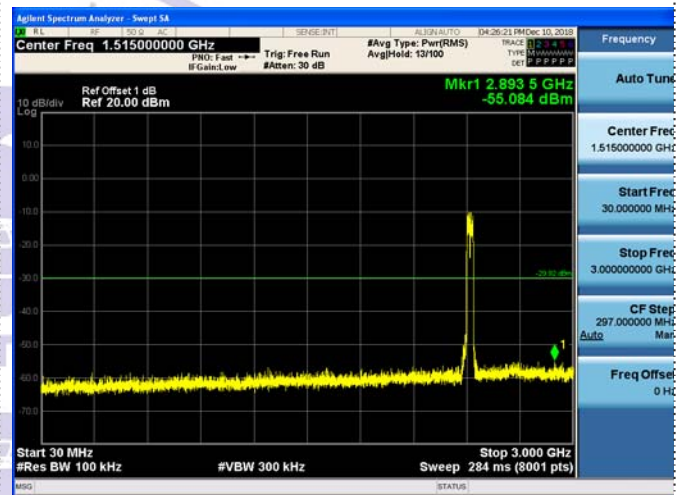
802.11n(HT40) CH03



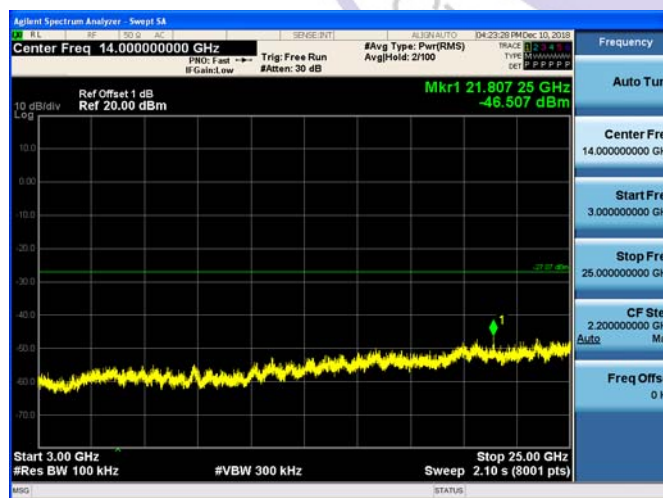
Reference



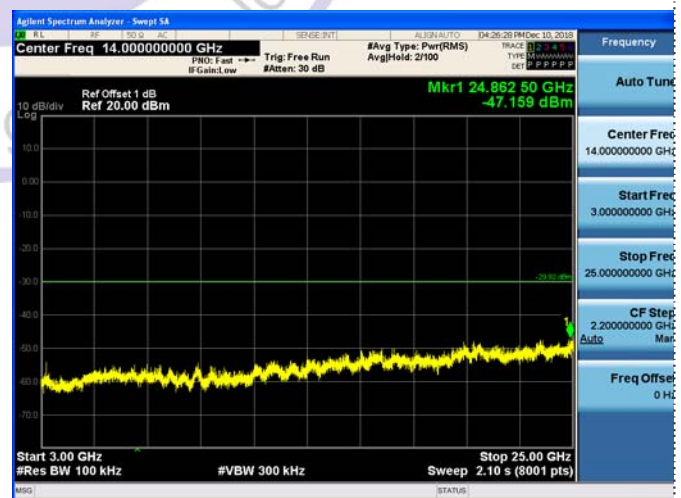
Reference



30MHz-3GHz



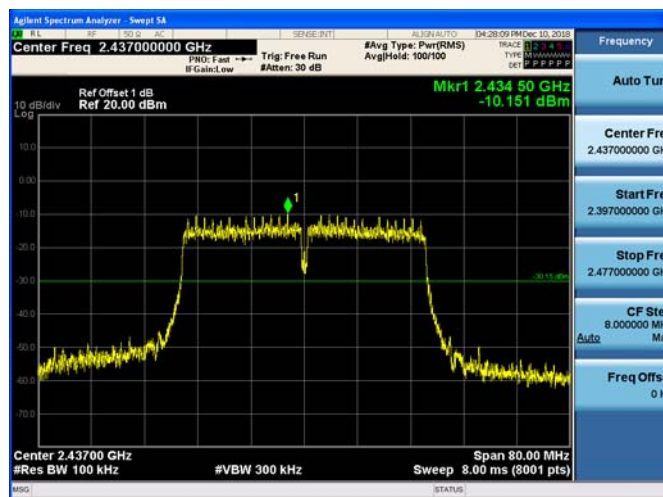
30MHz-3GHz



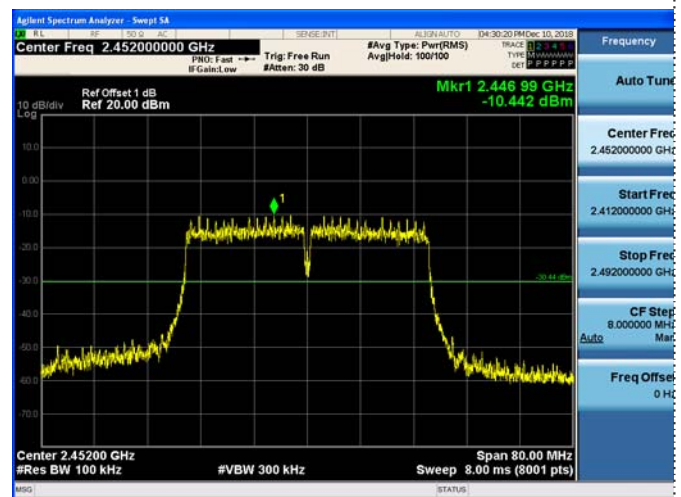
3GHz-25GHz

3GHz-25GHz

## 802.11n(HT40) CH06

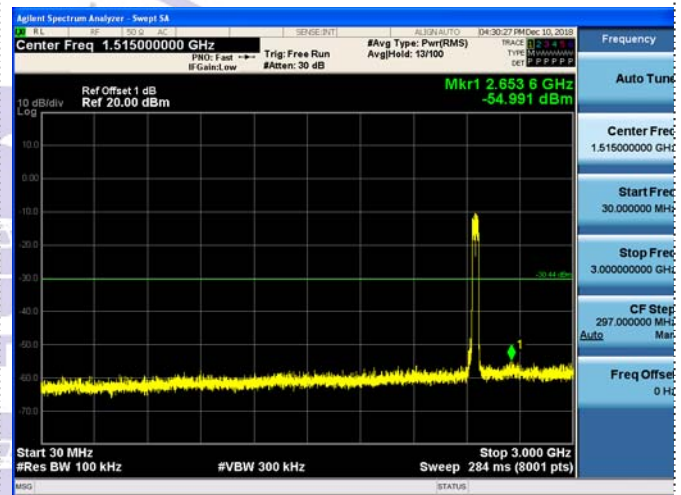
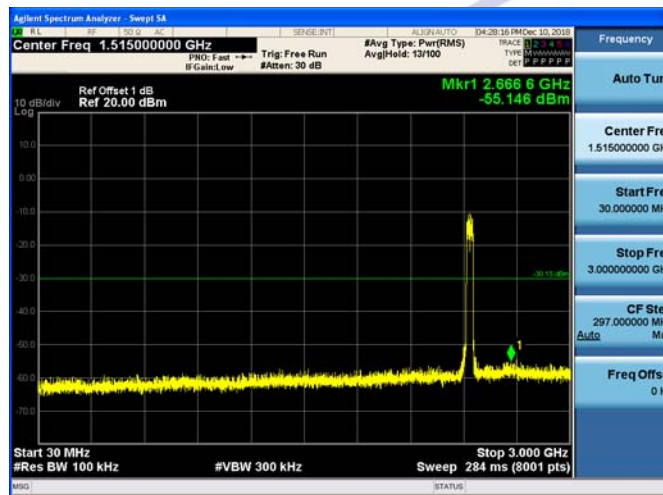


## 802.11n(HT40) CH09



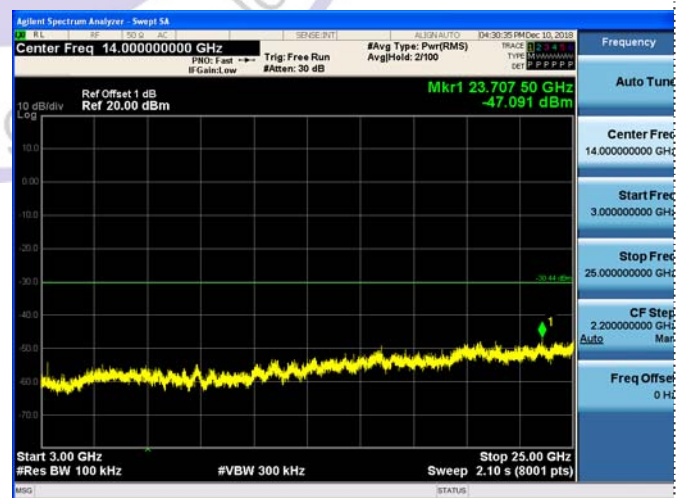
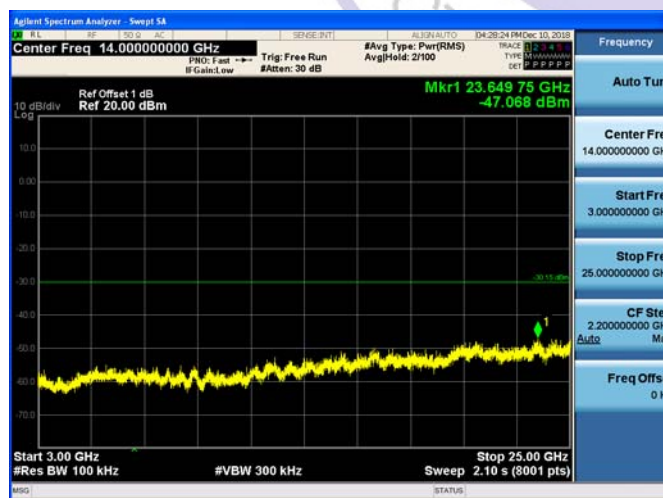
Reference

Reference



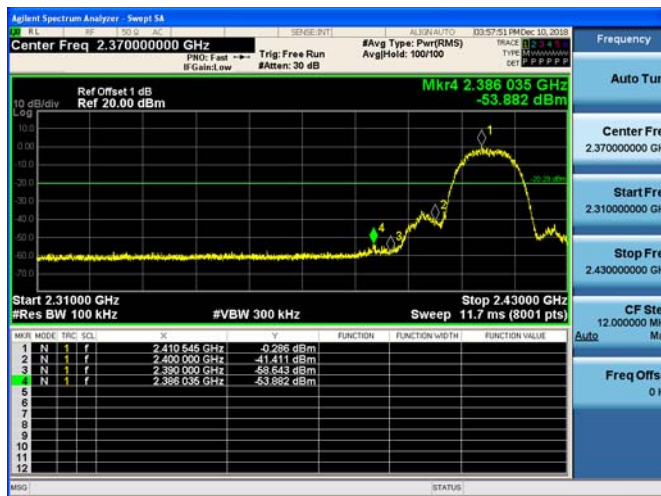
30MHz-3GHz

30MHz-3GHz

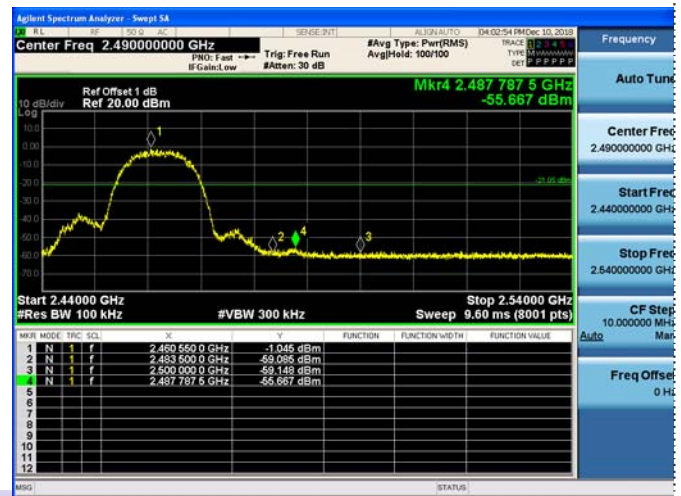


3GHz-25GHz

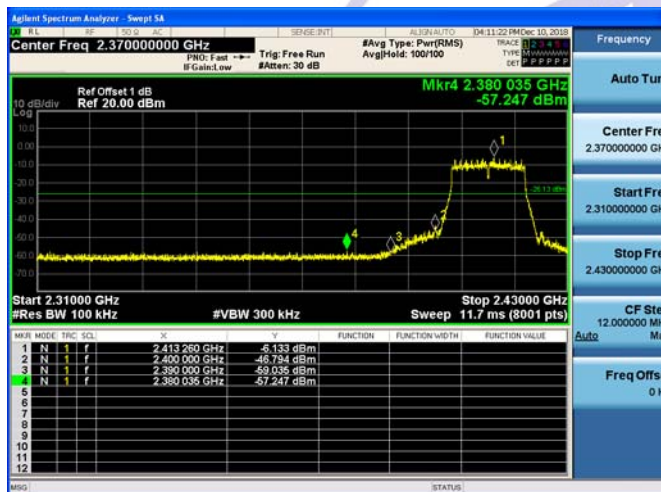
3GHz-25GHz

**Band-edge Measurements for RF Conducted Emissions:****802.11b**

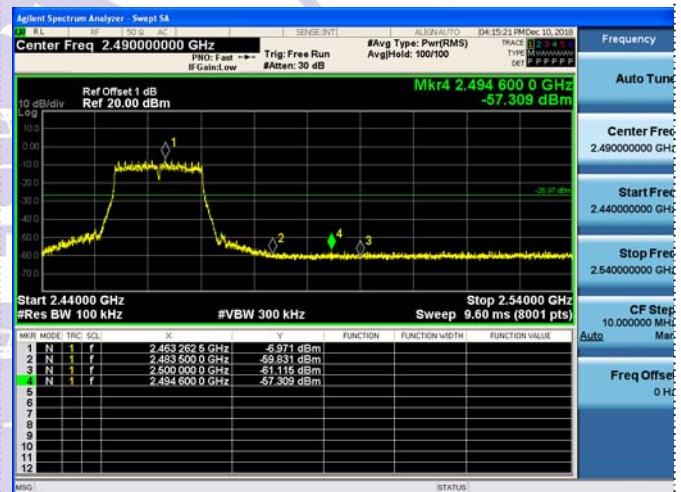
Left bandedge



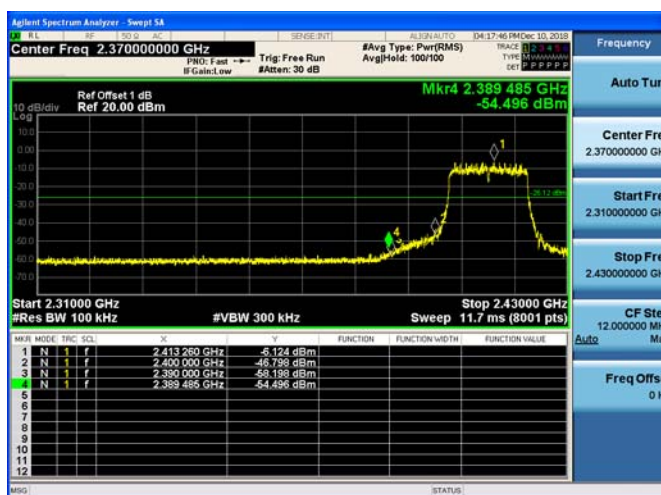
Right bandedge

**802.11g**

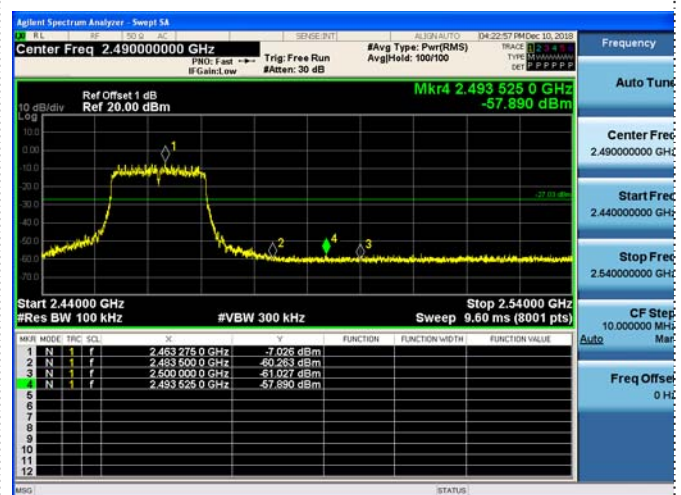
Left bandedge



Right bandedge

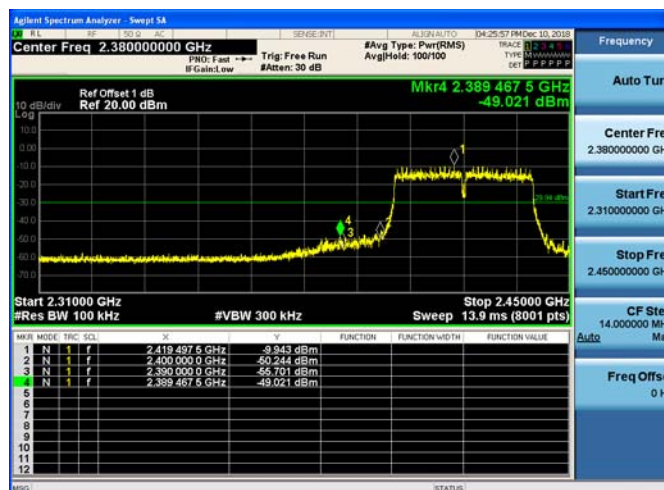
**802.11n(HT20)**

Left bandedge

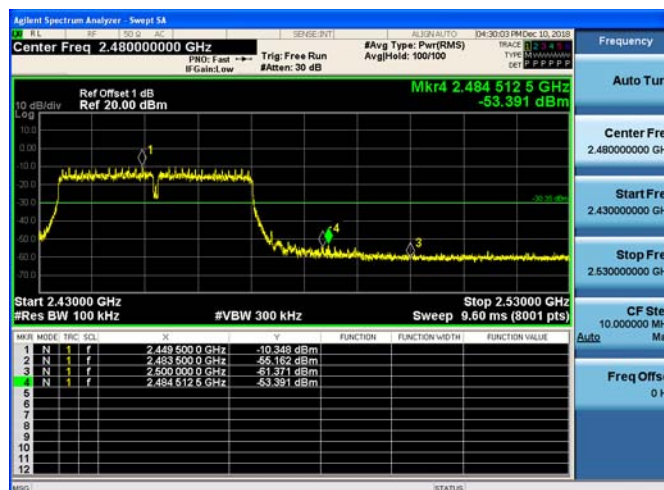


Right bandedge

## 802.11n(HT40)



Left bandedge



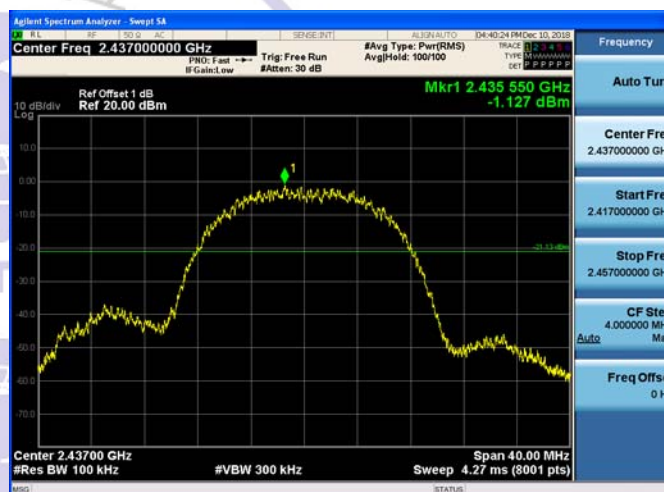
Right bandedge

## Ant.2

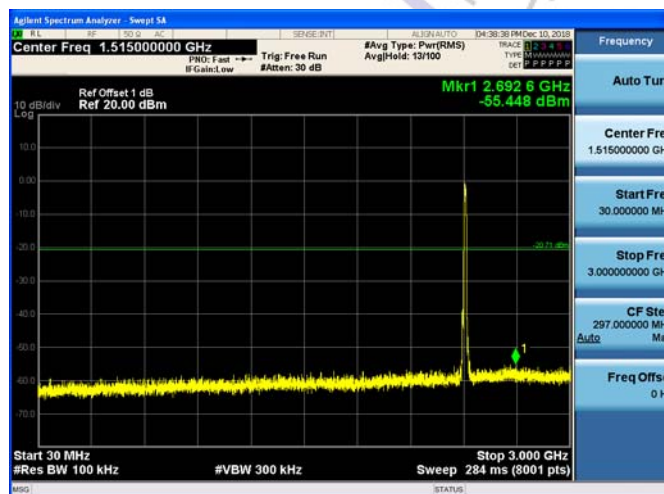
## 802.11b CH01



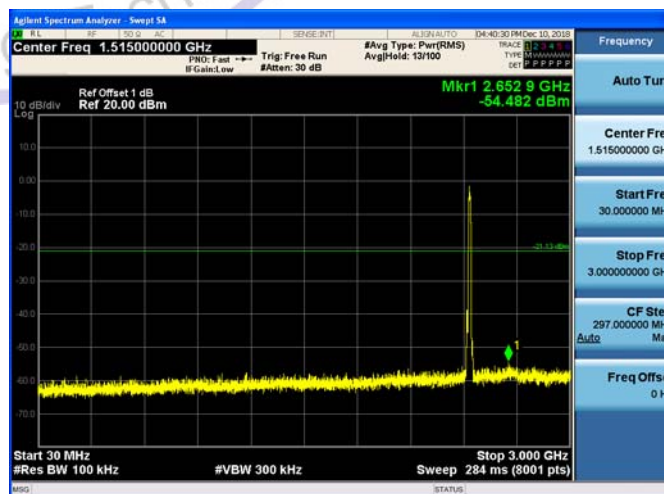
## 802.11b CH06



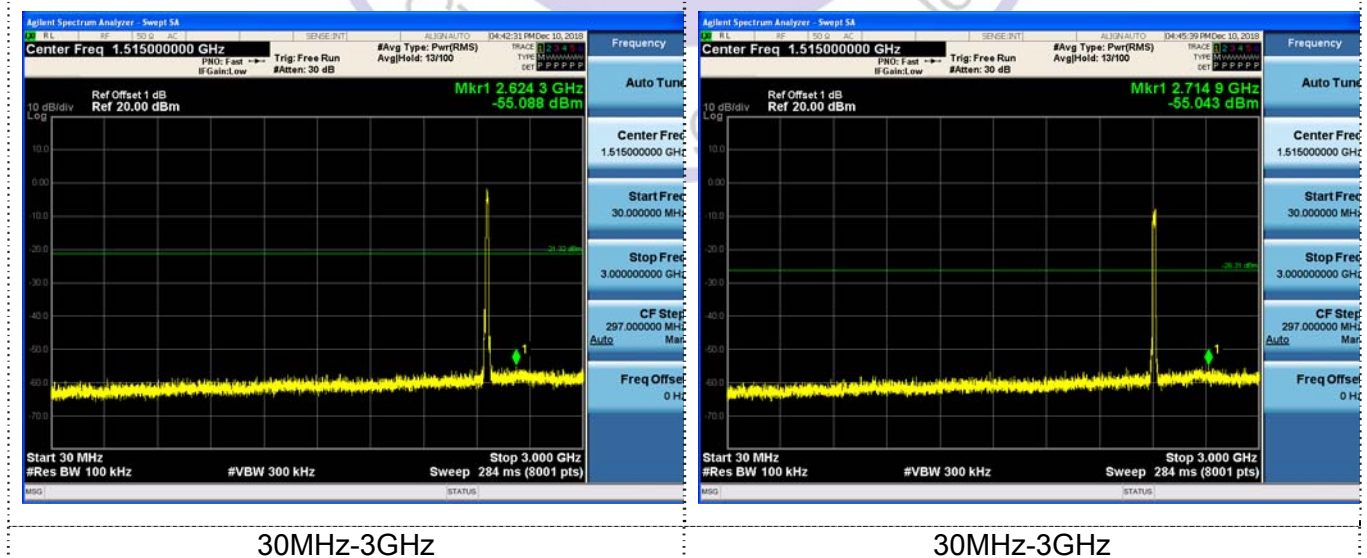
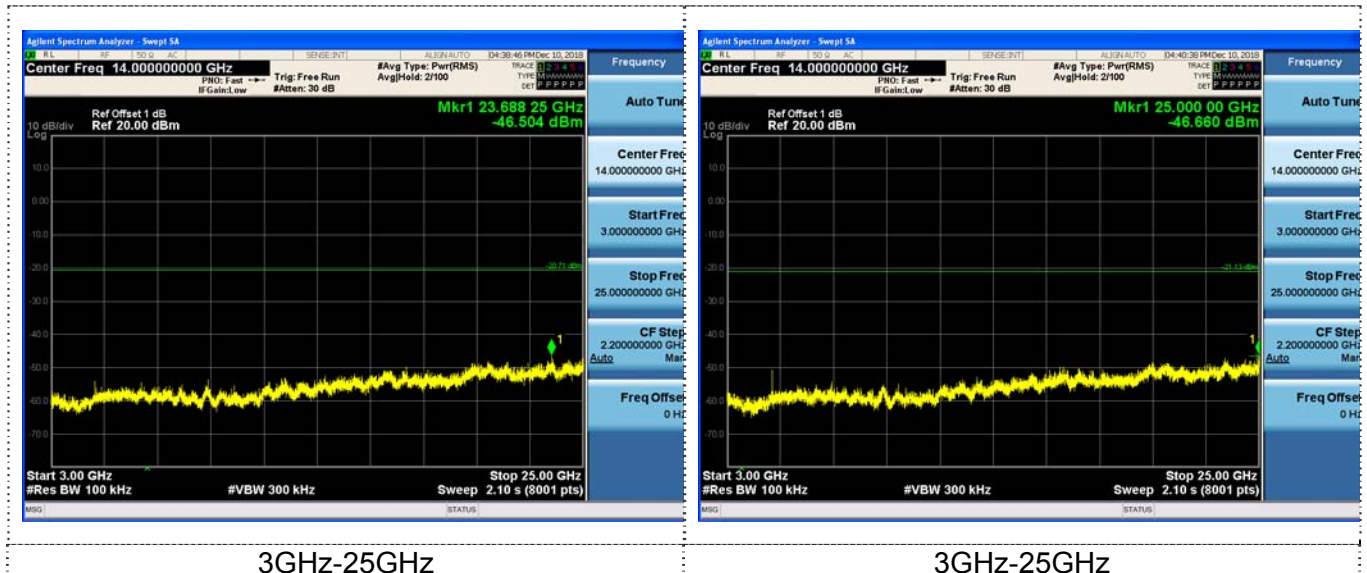
## Reference

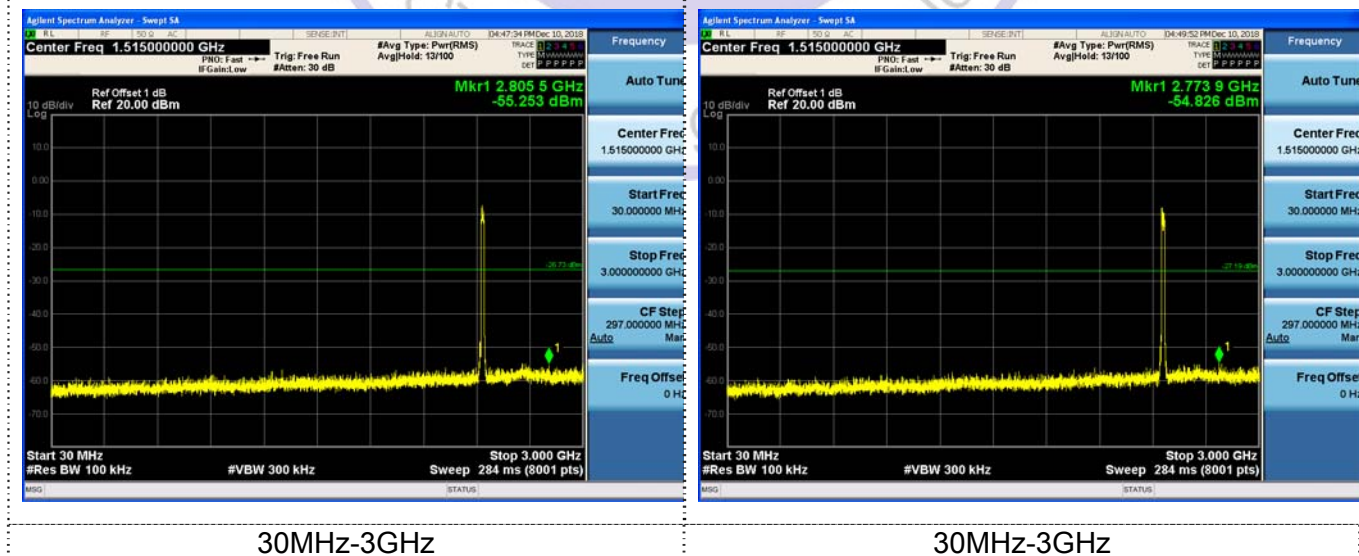
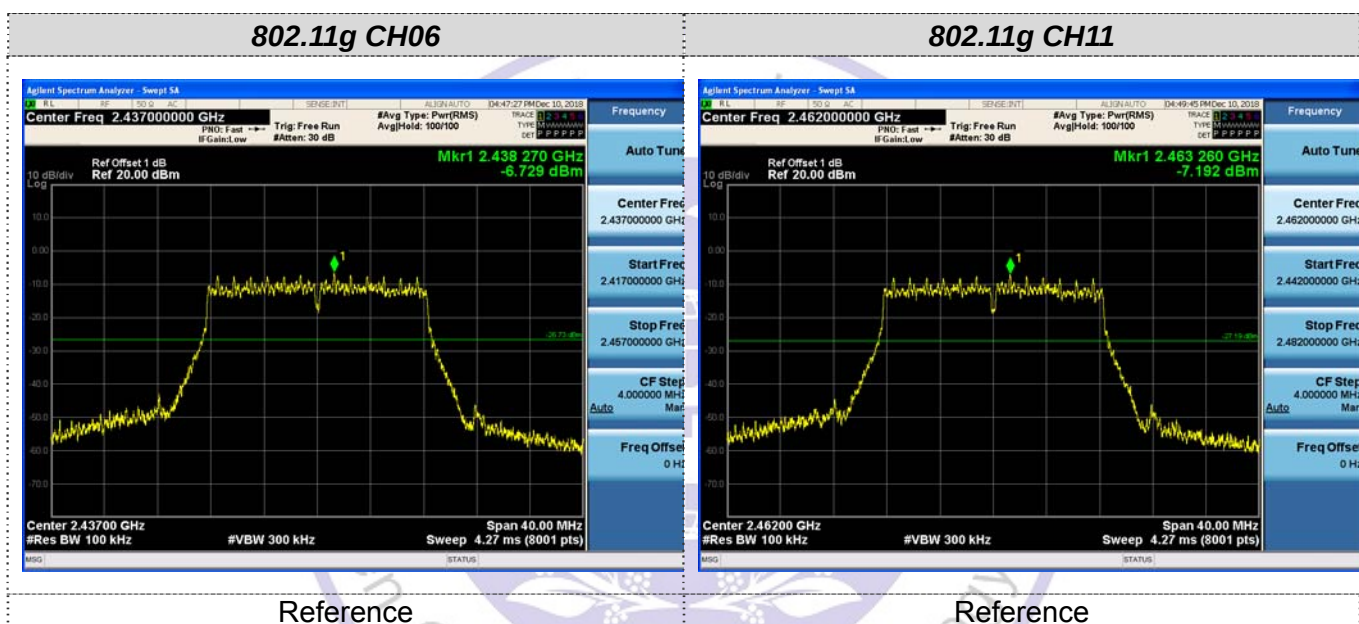
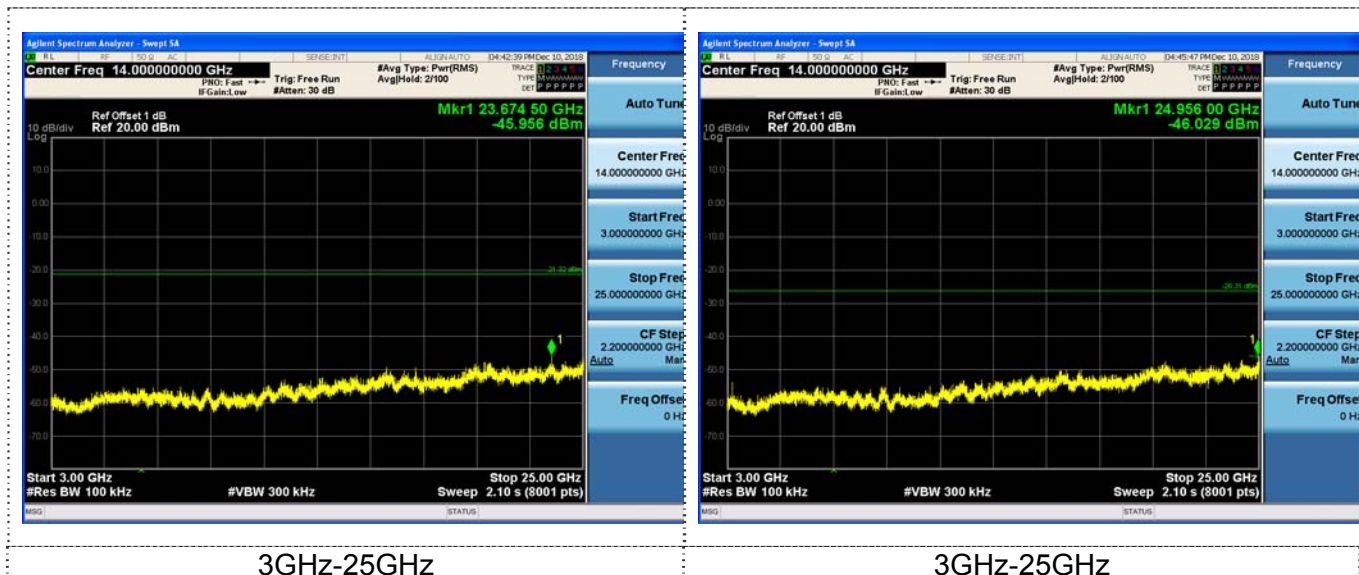


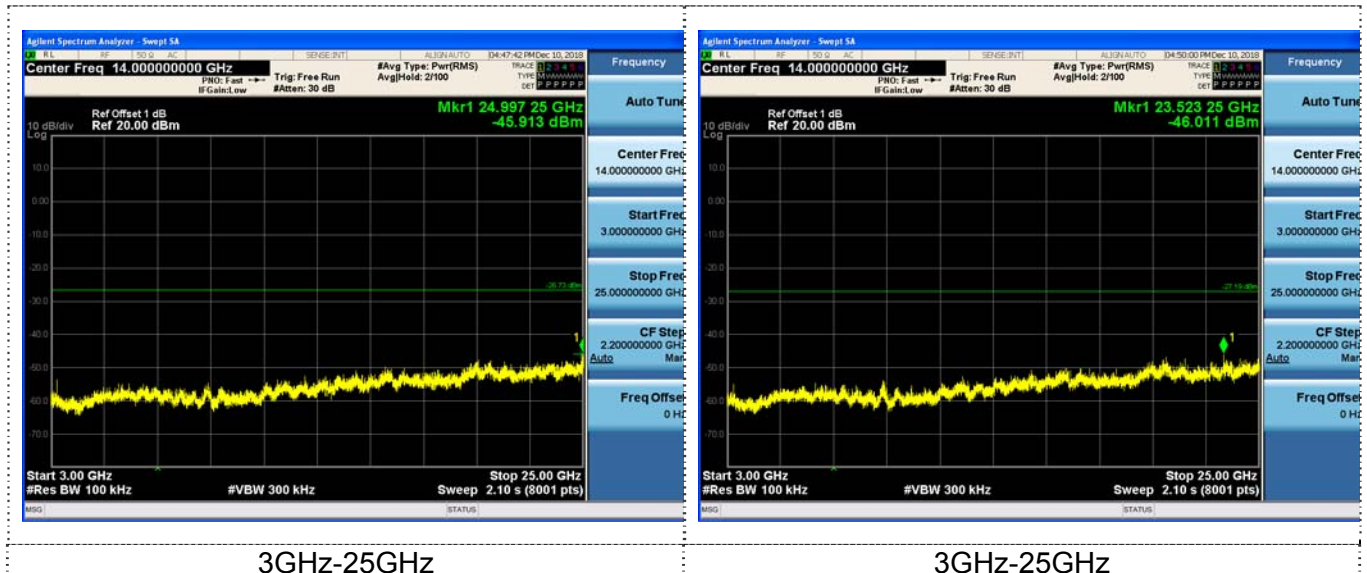
30MHz-3GHz



30MHz-3GHz





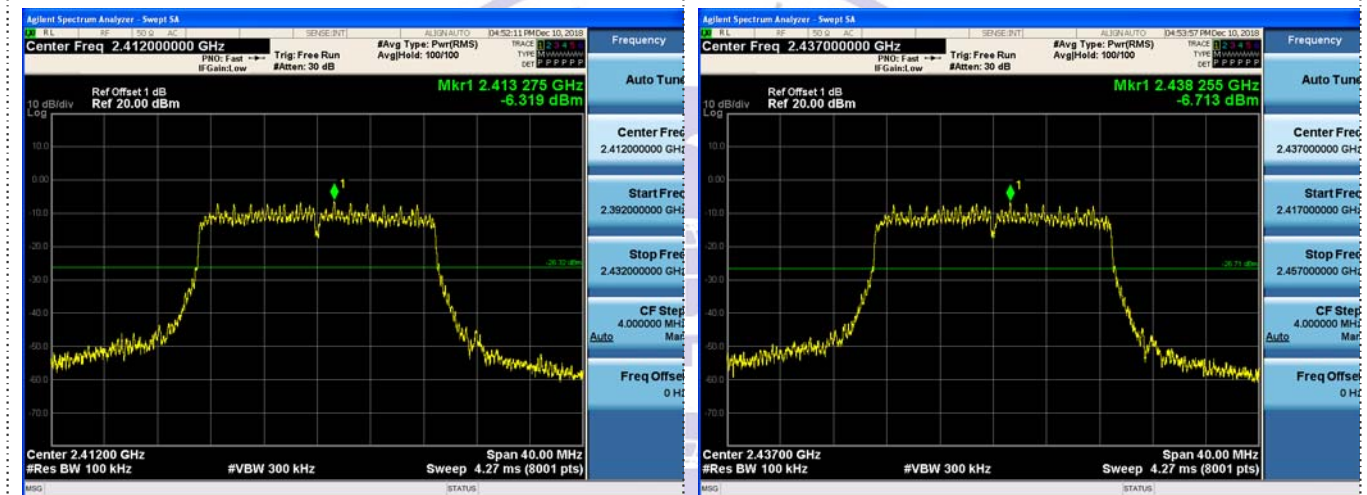


3GHz-25GHz

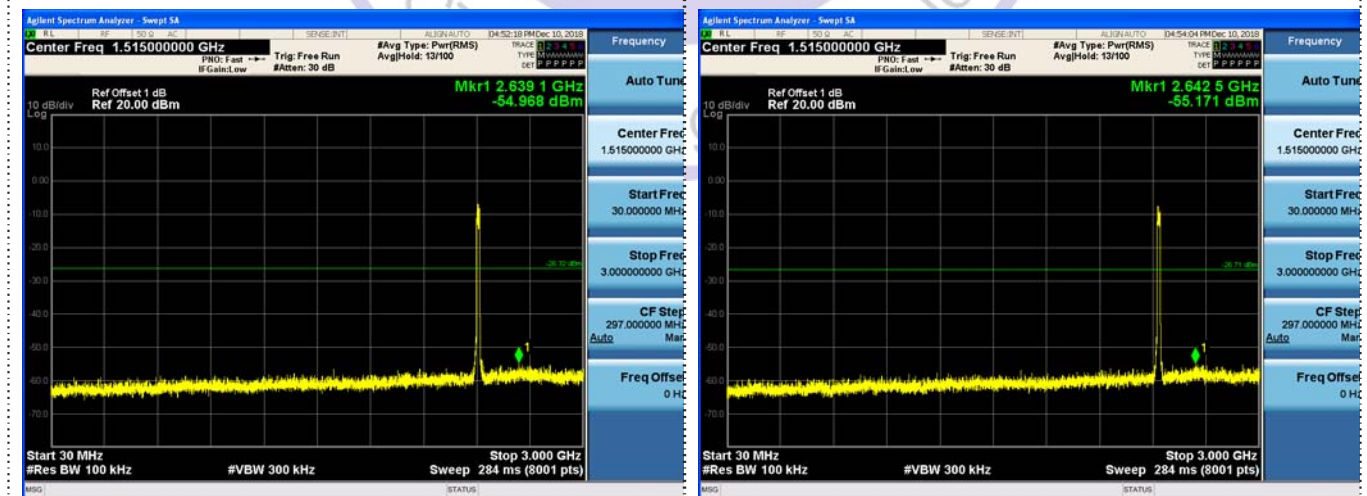
3GHz-25GHz

802.11n(HT20) CH01

802.11n(HT20) CH06

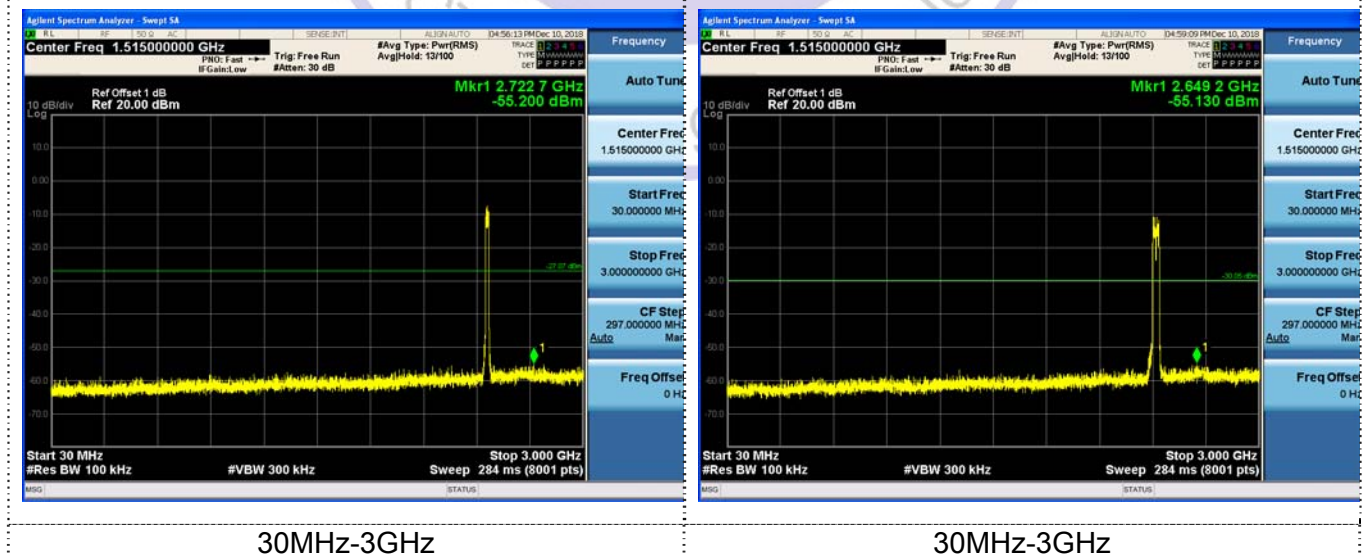
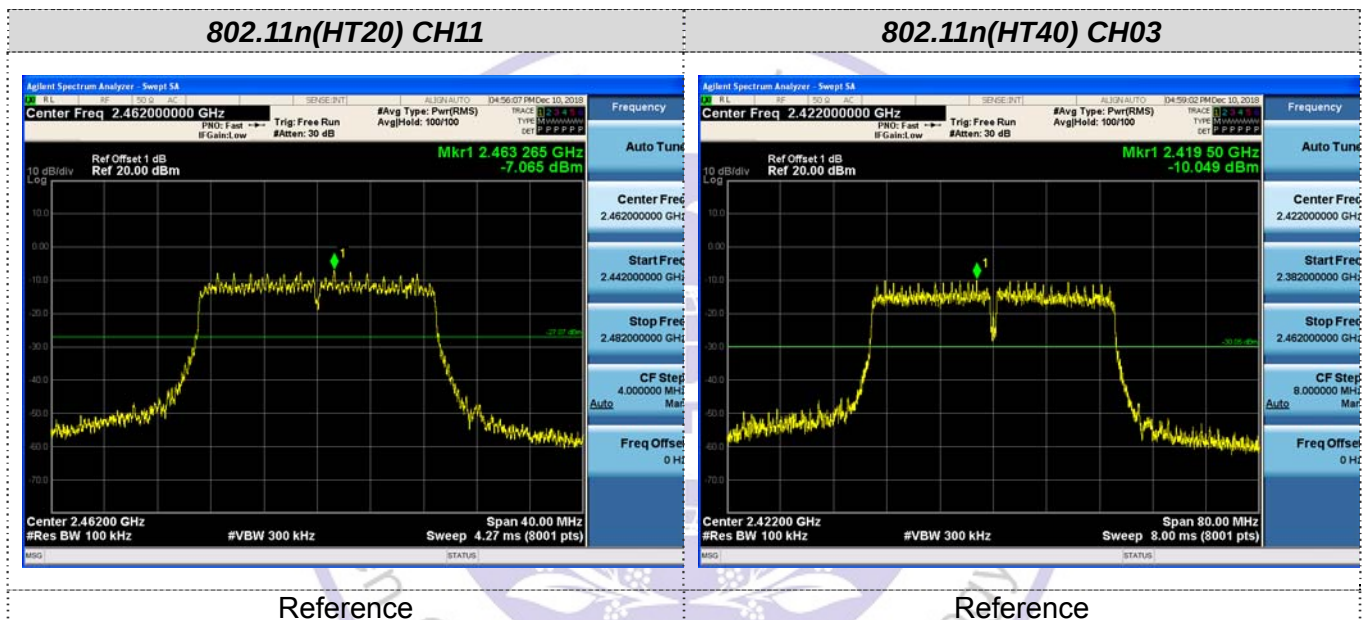
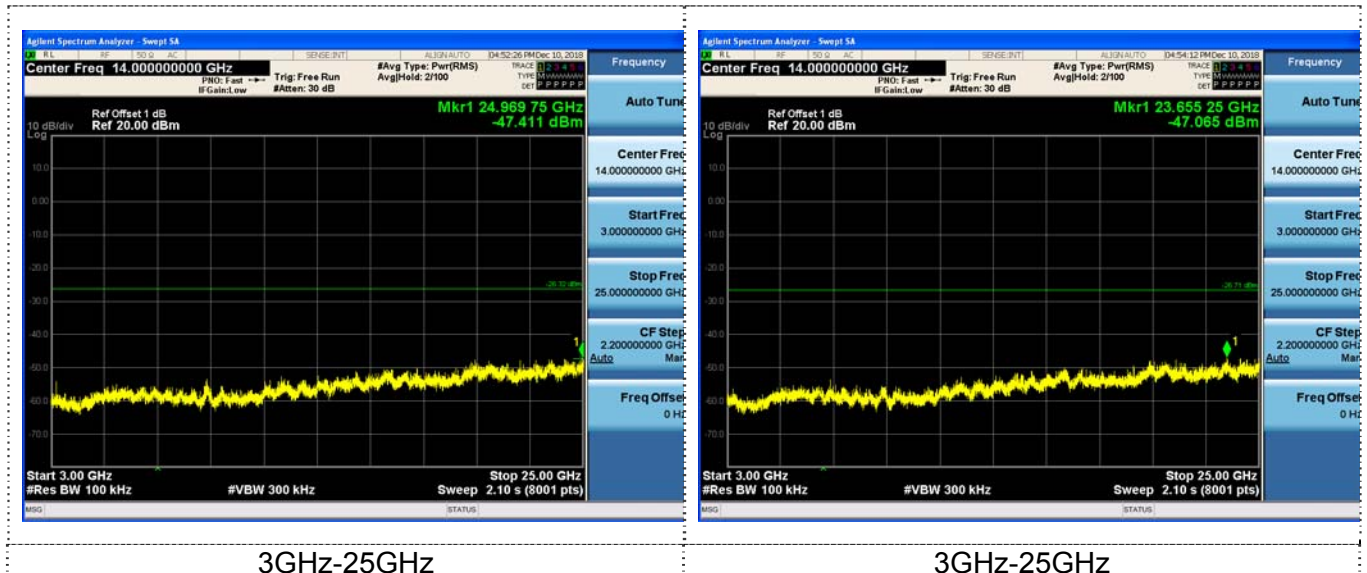


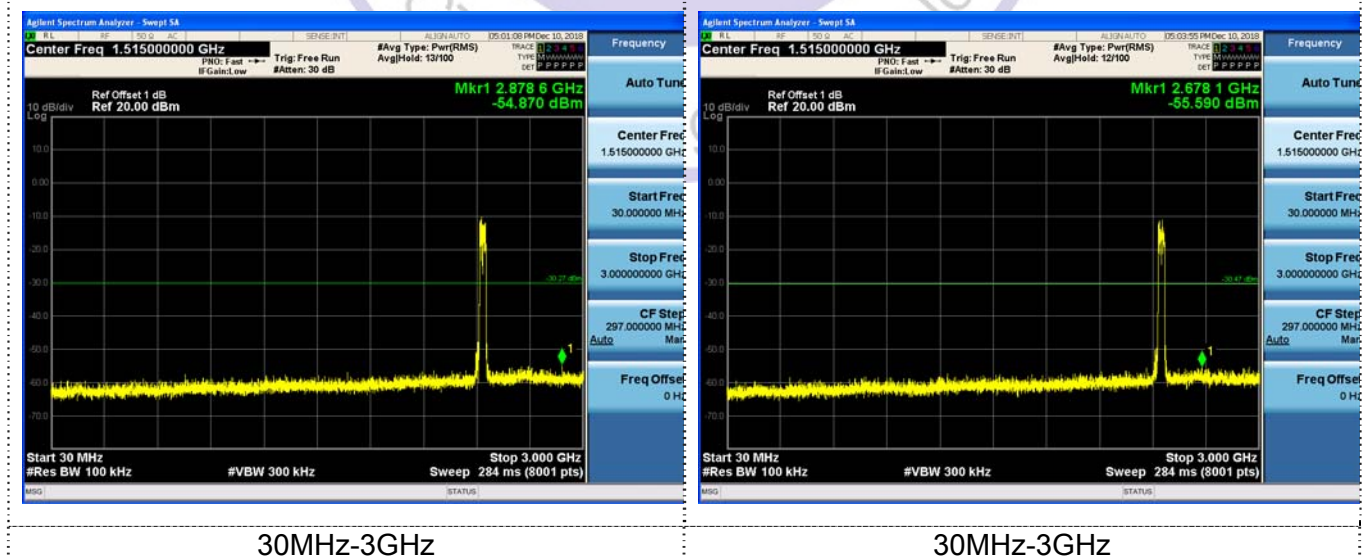
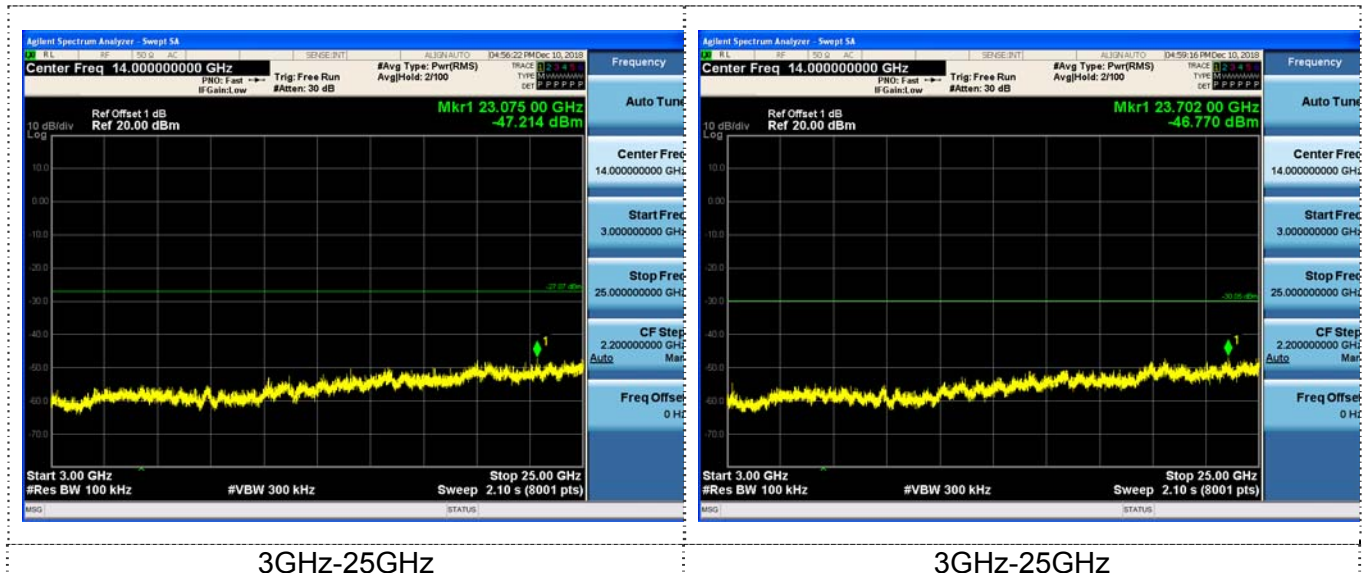
Reference

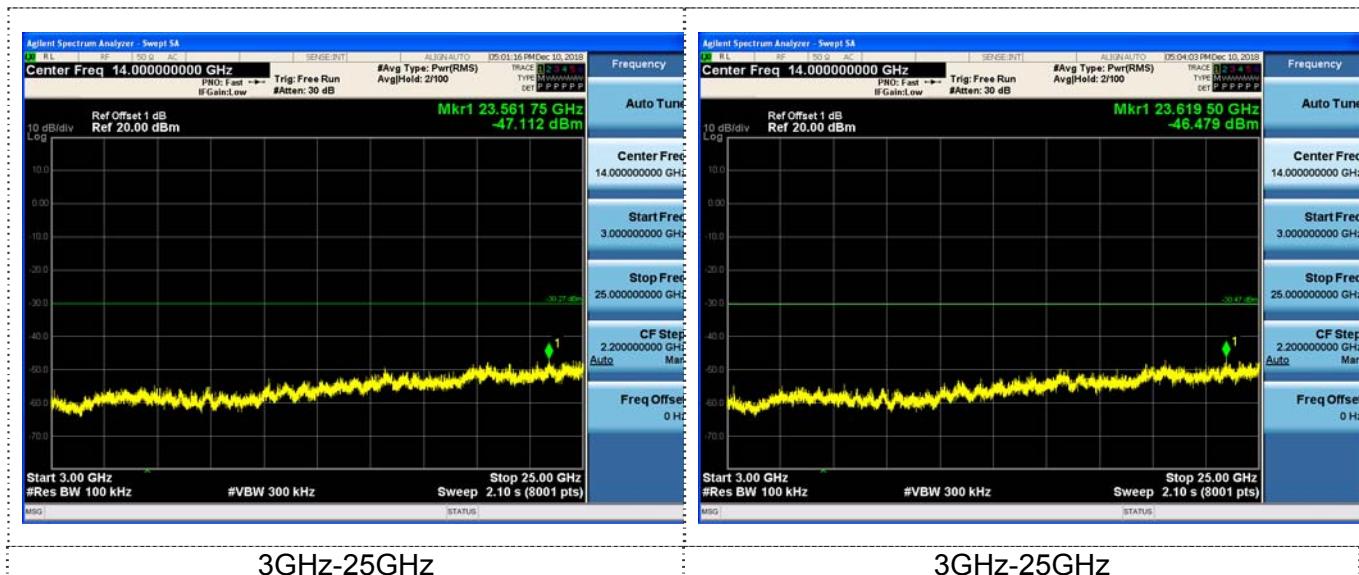


30MHz-3GHz

30MHz-3GHz







### Band-edge Measurements for RF Conducted Emissions:

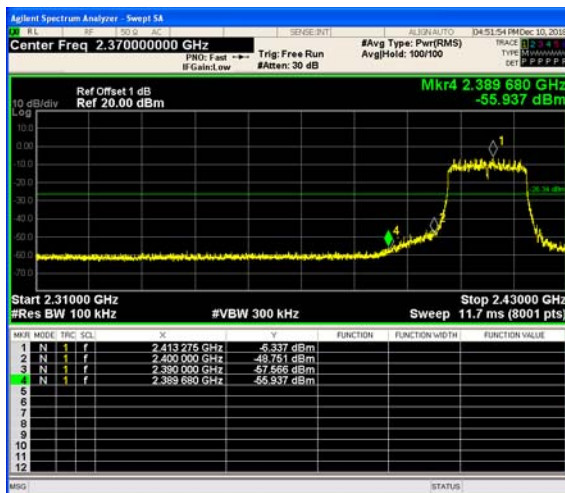
#### 802.11b



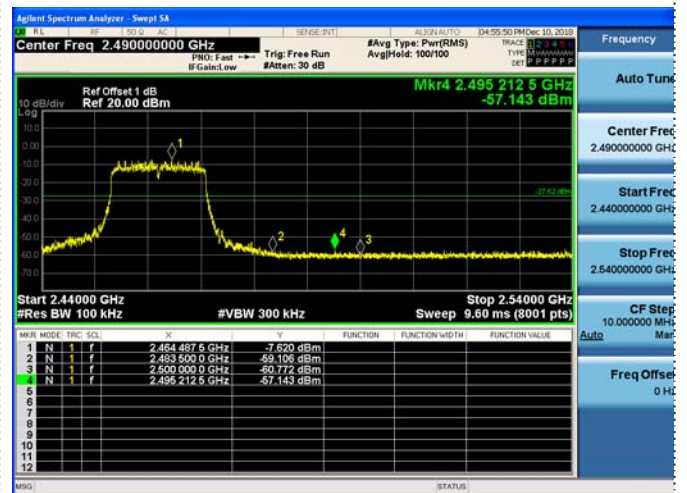
#### 802.11g



## 802.11n(HT20)

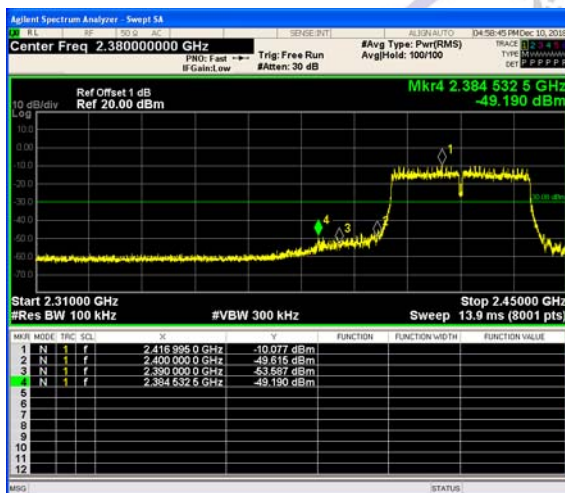


Left bandedge

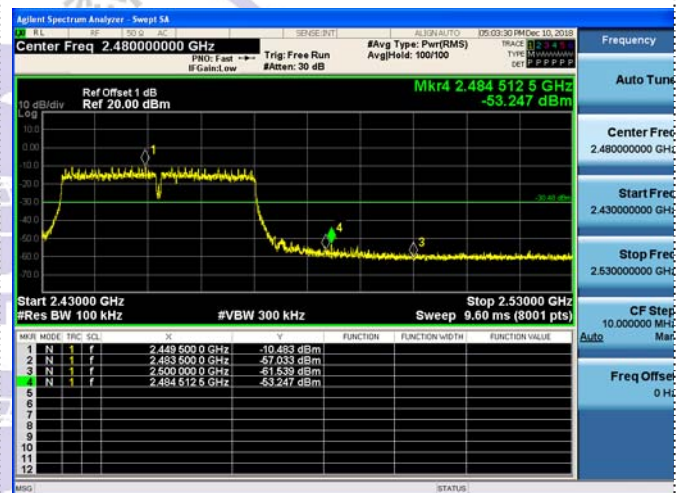


Right bandedge

## 802.11n(HT40)



Left bandedge



Right bandedge

### 3.7. Antenna Requirement

#### Standard Applicable

**For intentional device, according to FCC 47 CFR Section 15.203:**

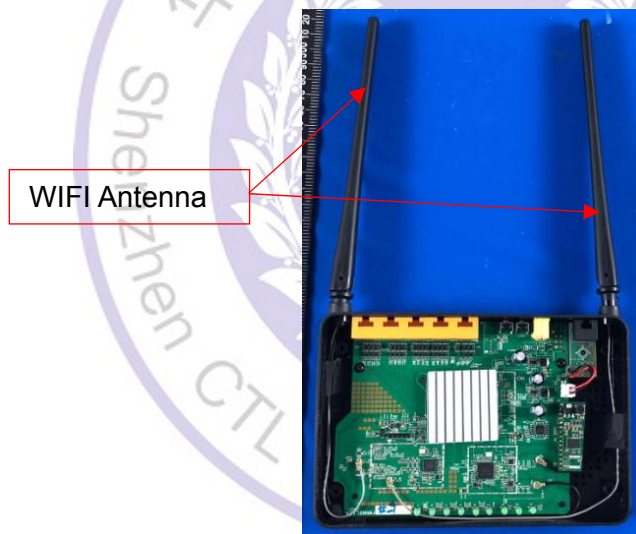
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit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

**FCC CFR Title 47 Part 15 Subpart C Section 15.247(c) (1) (I):**

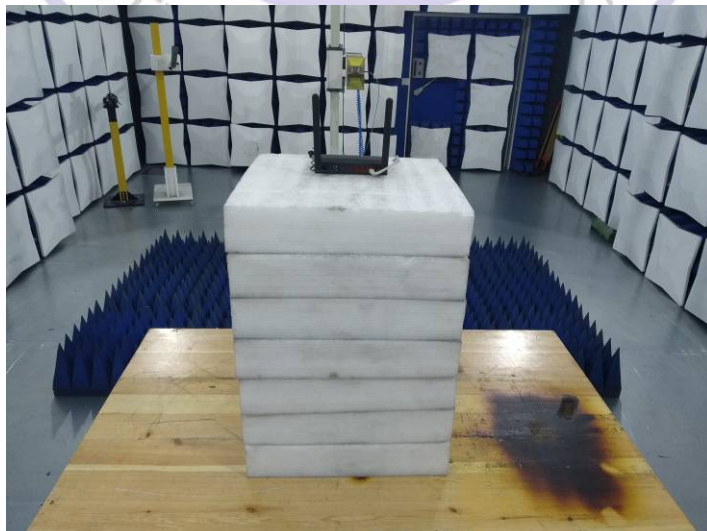
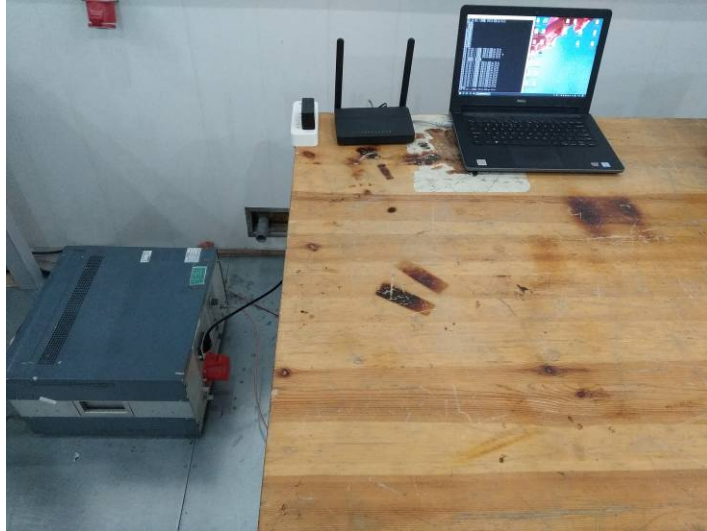
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6dBi.

#### Test Result:

The EUT used 2\*TX 2\*RX antenna, the maximum gain of WIFI antenna was 2dBi.

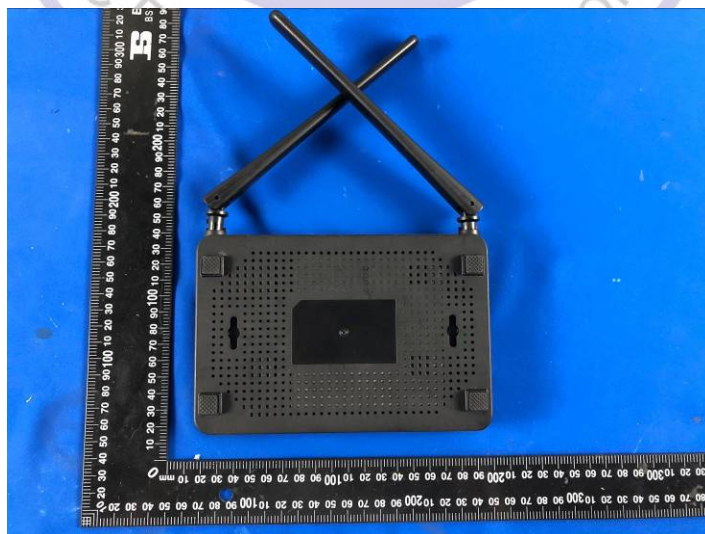
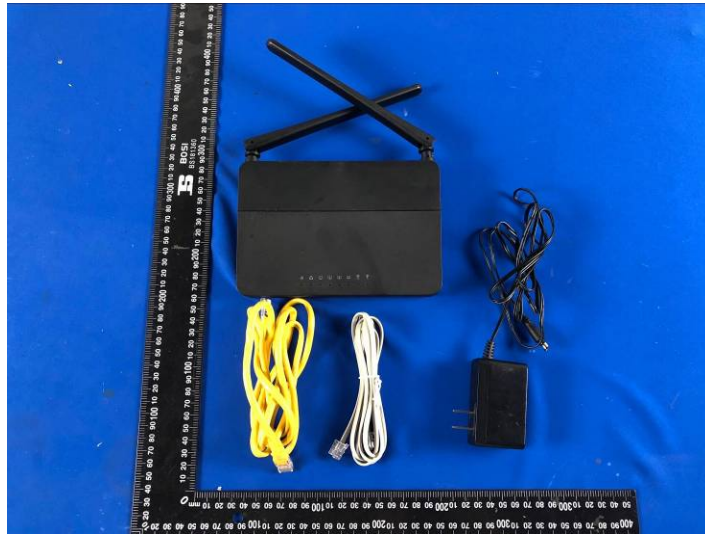


## 4. Test Setup Photos of the EUT



## 5. External and Internal Photos of the EUT

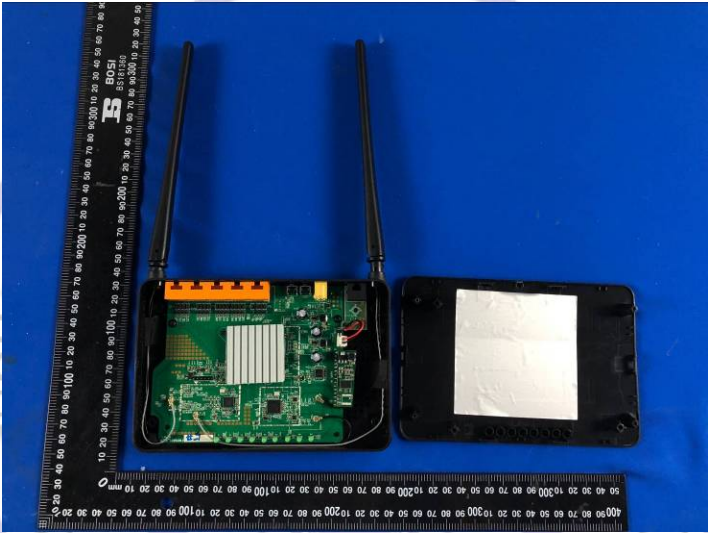
### External Photos of EUT





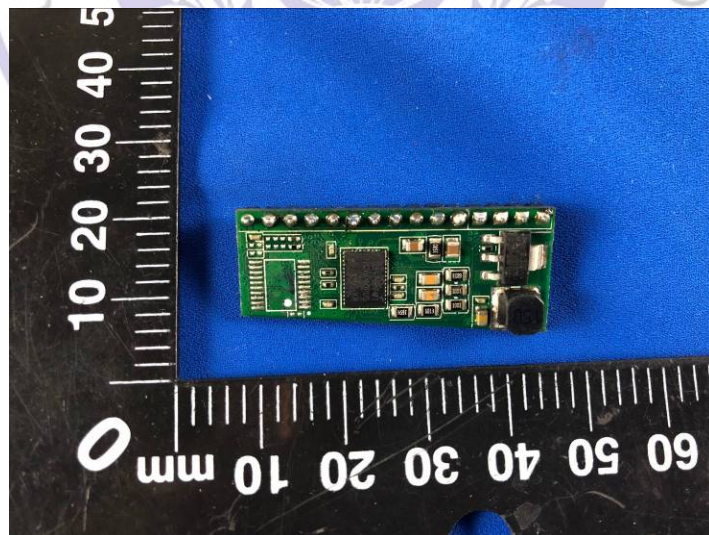
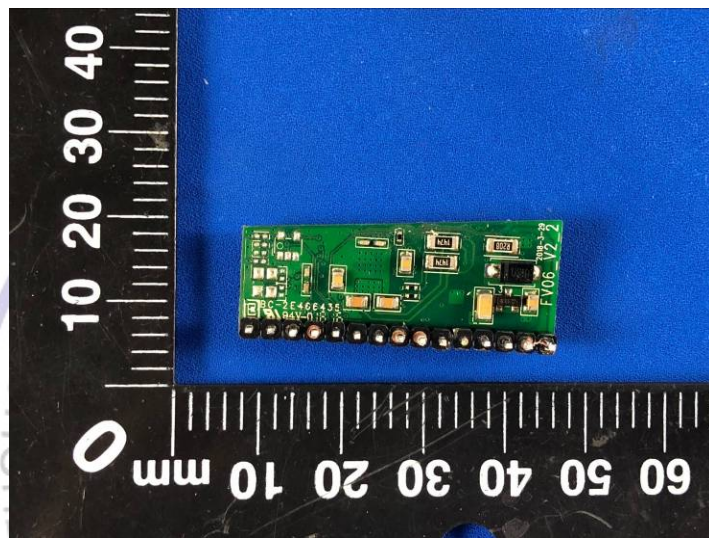
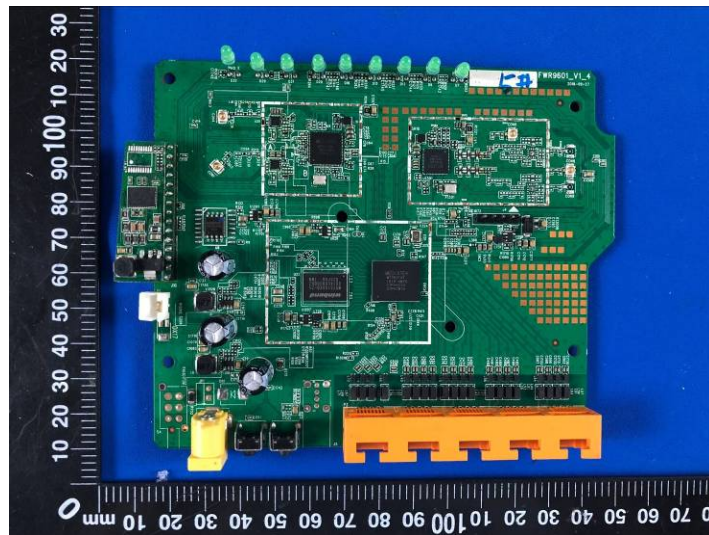


Internal Photos of EUT



WIFI Antenna





\*\*\*\*\* End of Report \*\*\*\*\*