

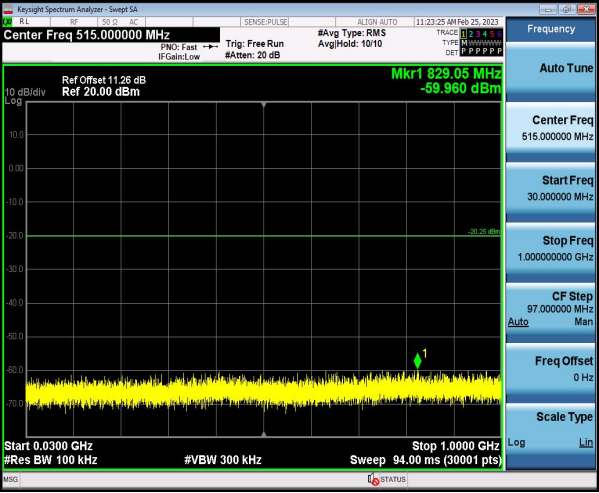
802.11b



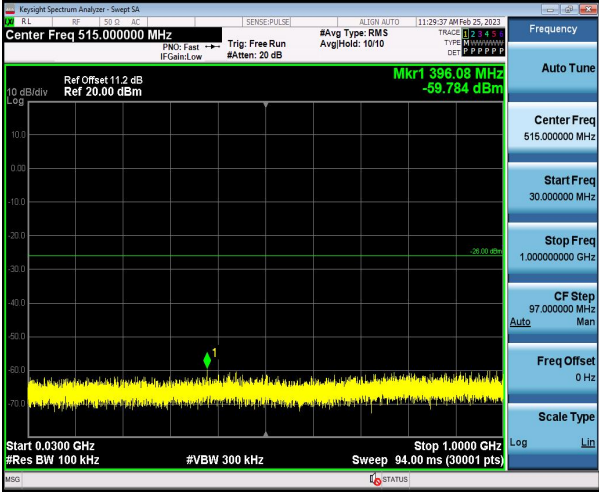
802.11g



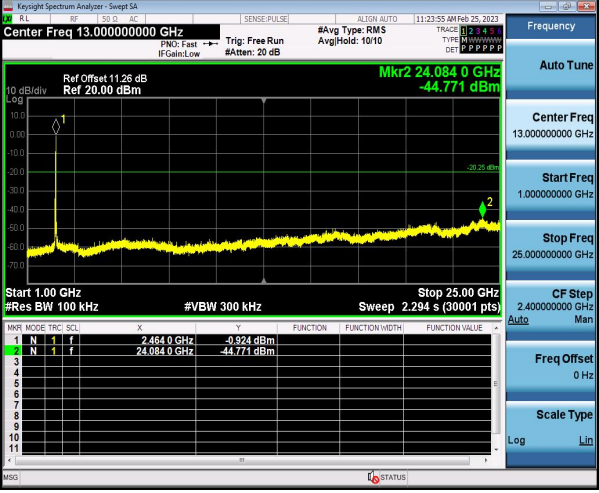
CH11



CH01



30MHz-1GHz



30MHz-1GHz



1GHz -25GHz

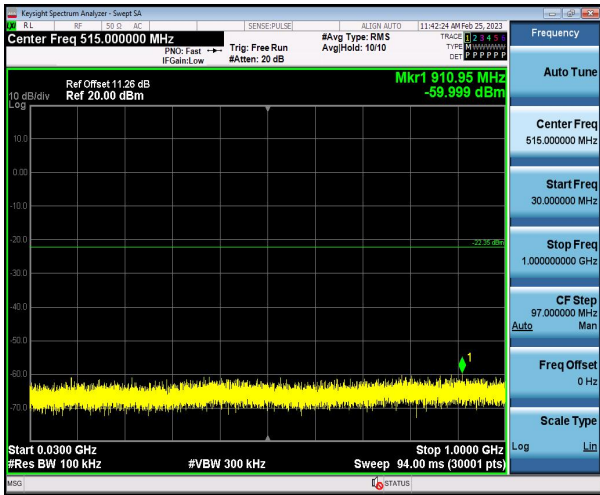
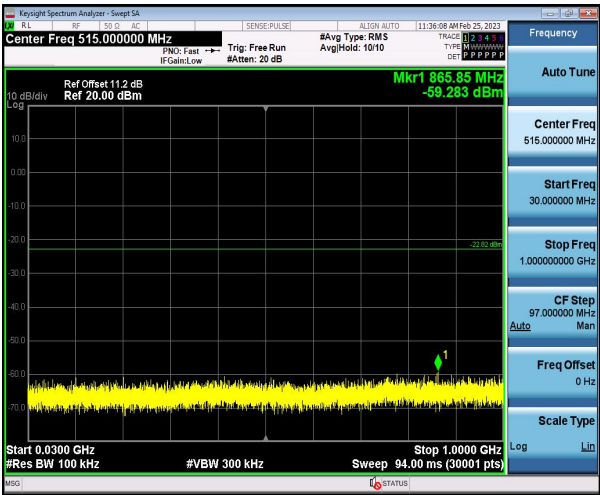
1GHz -25GHz

802.11g



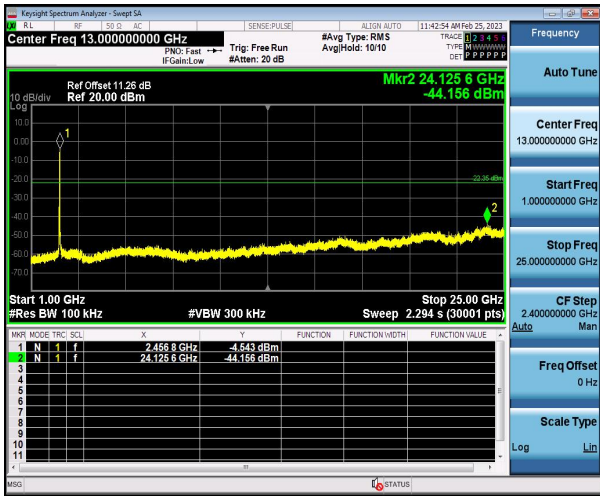
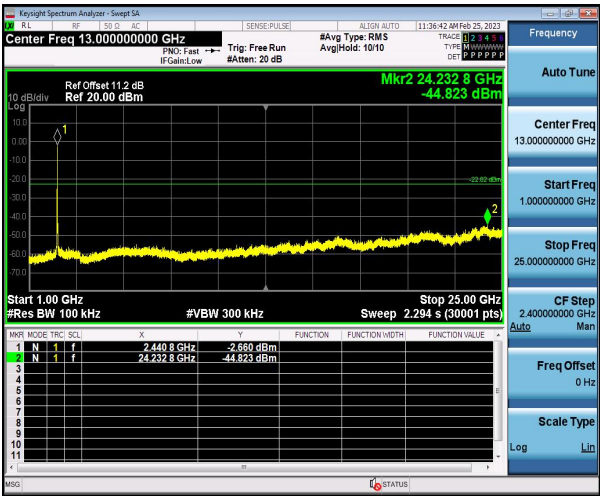
CH06

CH11



30MHz-1GHz

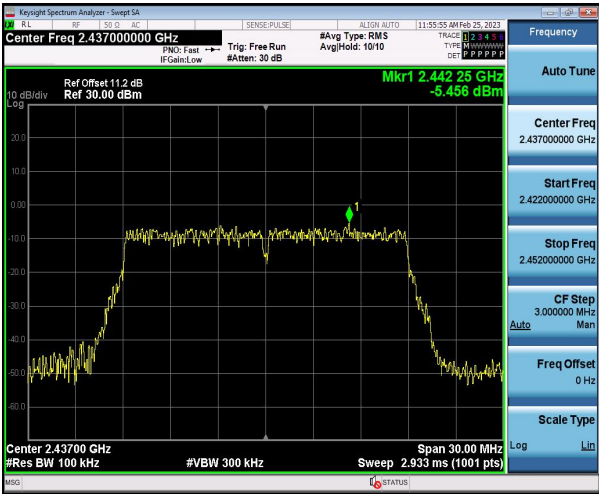
30MHz-1GHz



1GHz -25GHz

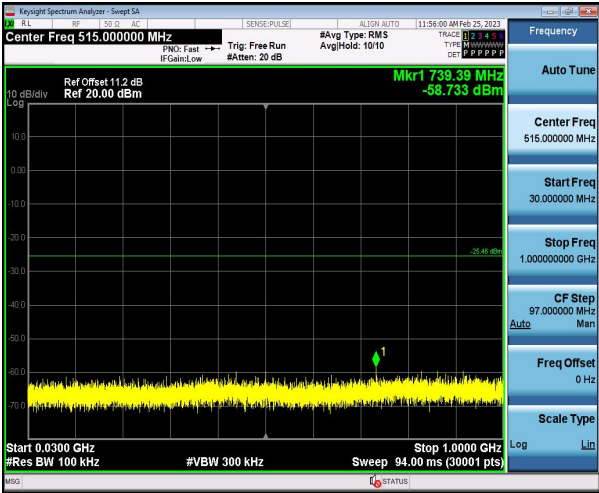
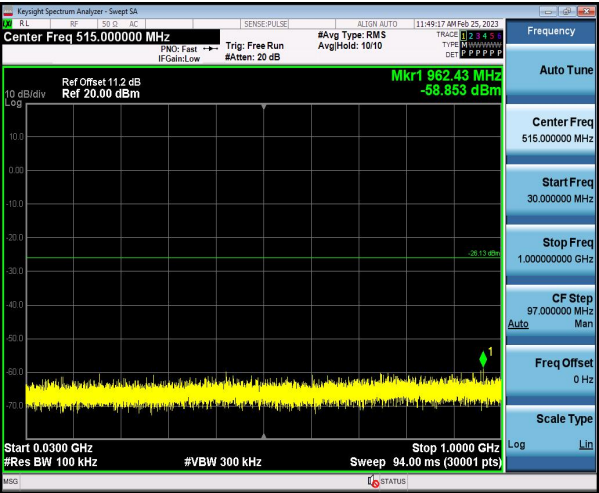
1GHz -25GHz

802.11n(HT20)



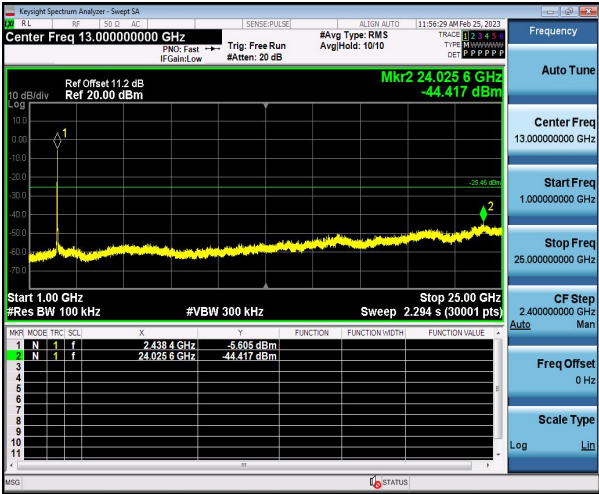
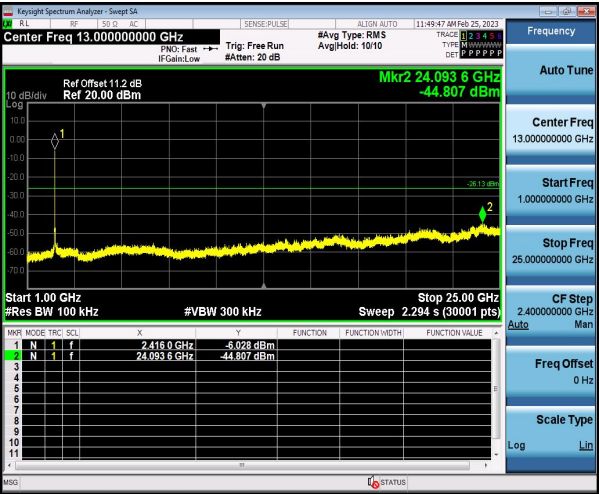
CH01

CH06



30MHz-1GHz

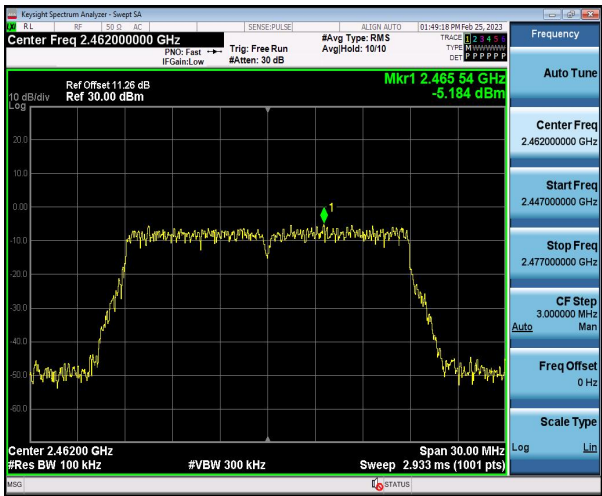
30MHz-1GHz



1GHz -25GHz

1GHz -25GHz

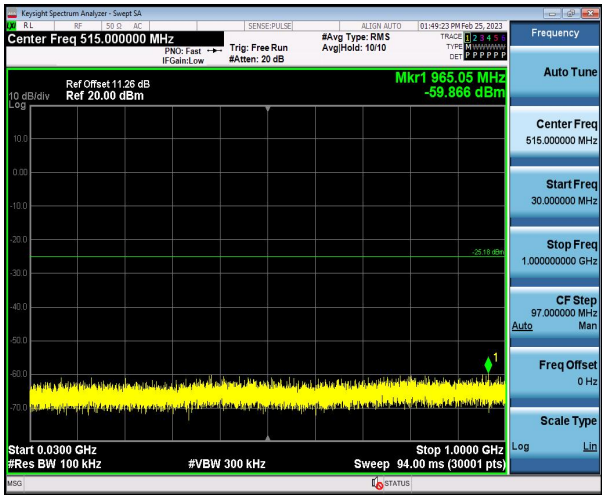
802.11n(HT20)



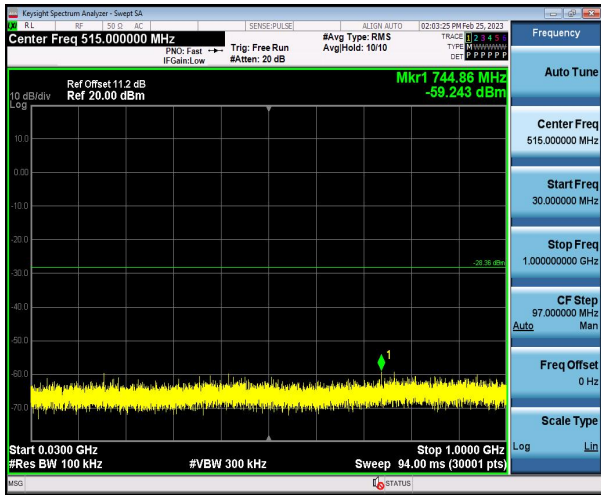
802.11n(HT40)



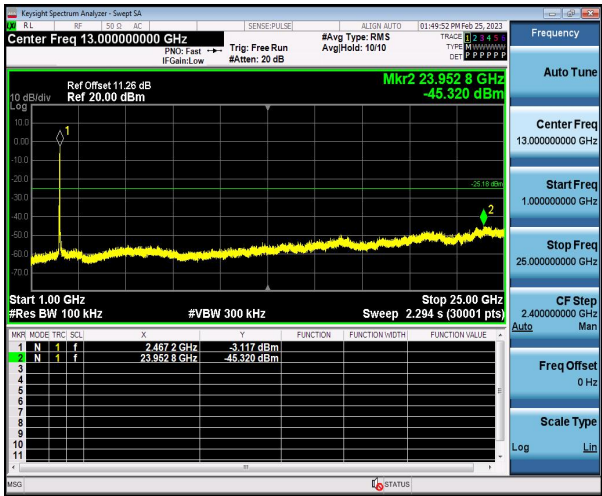
CH11



CH03



30MHz-1GHz



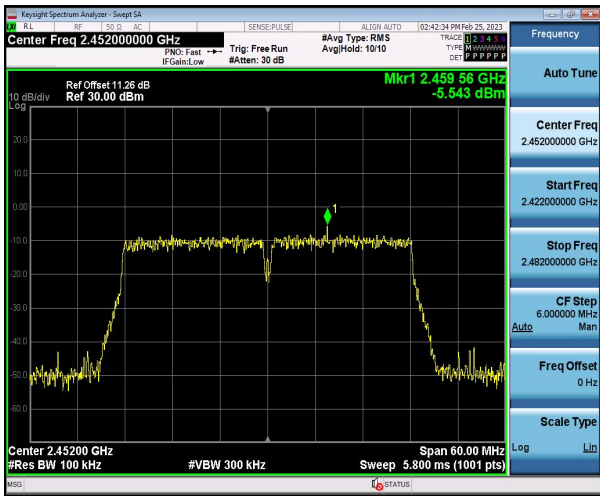
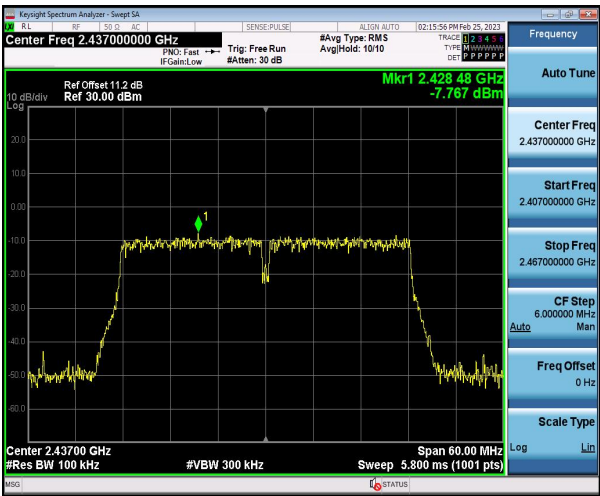
30MHz-1GHz



1GHz -25GHz

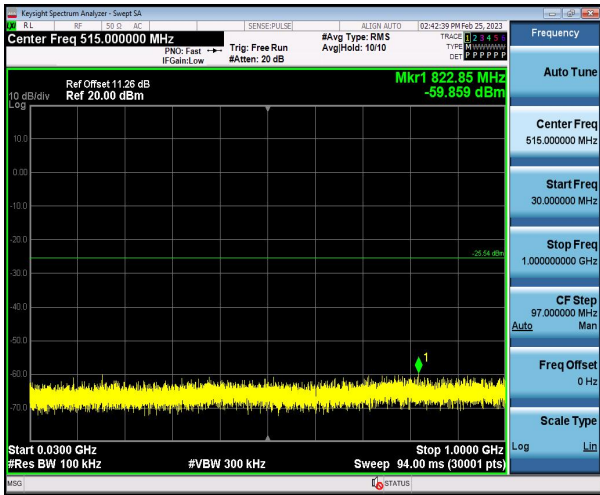
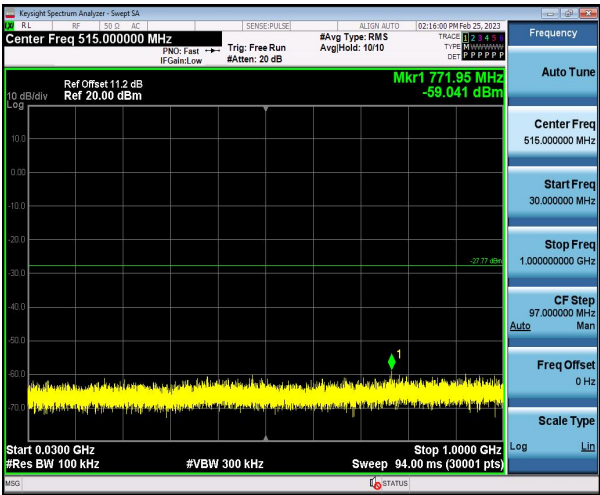
1GHz -25GHz

802.11n(HT40)



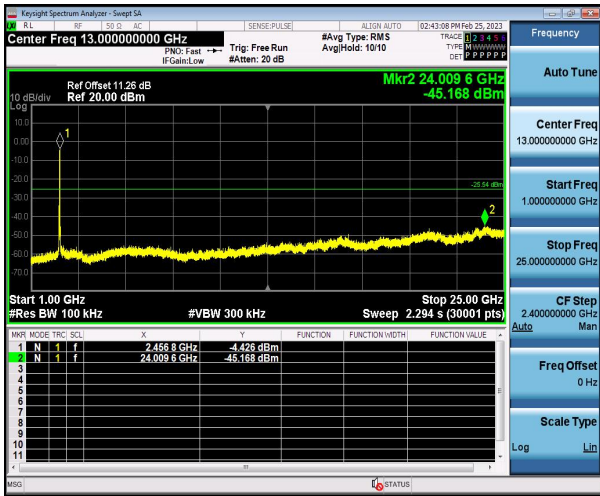
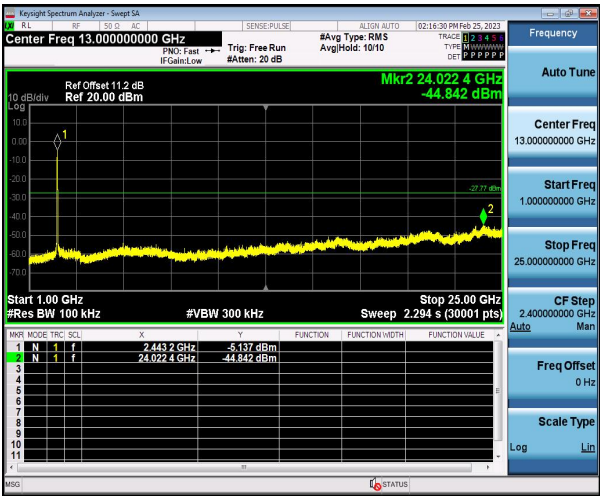
CH06

CH09



30MHz-1GHz

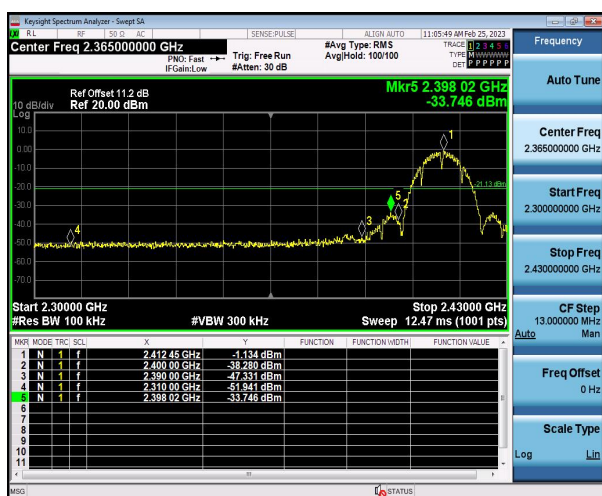
30MHz-1GHz



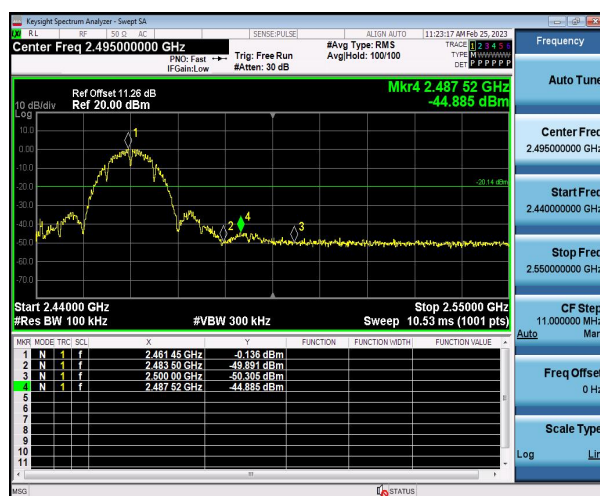
1GHz -25GHz

1GHz -25GHz



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

Left bandedge



Right bandedge

**802.11g**

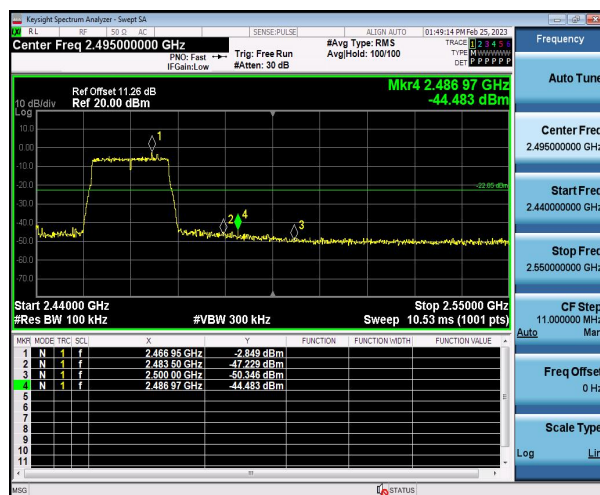
Left bandedge



Right bandedge

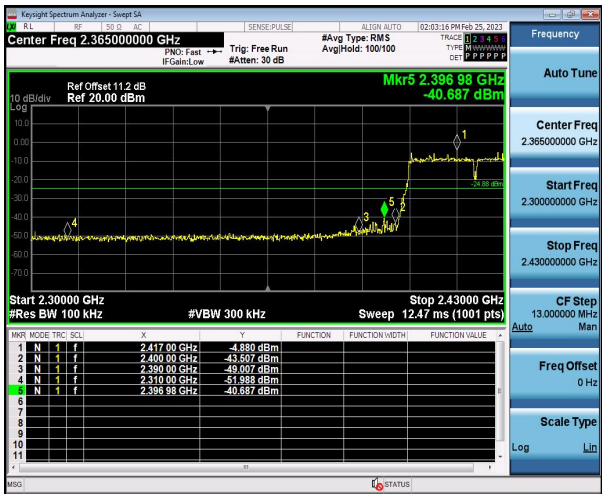
**802.11n(HT20)**

Left bandedge

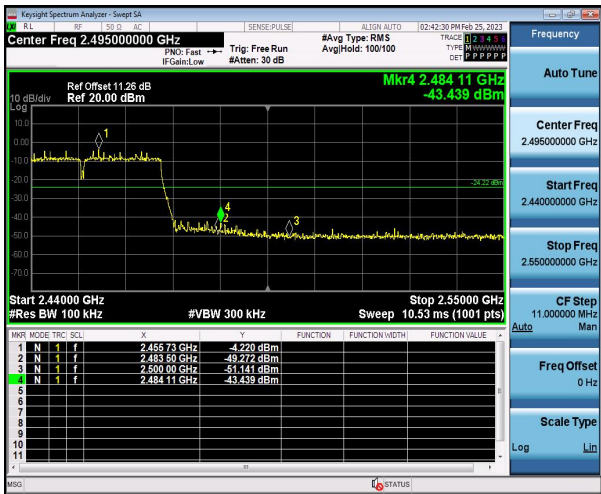


Right bandedge

802.11n(HT40)



Left bandedge



Right bandedge

## 4.7 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 maximum gain of antenna was 2.4 dBi for 2.4GHz WIFI.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen GUOREN Certification Technology Service Co., Ltd. does not assume any responsibility.