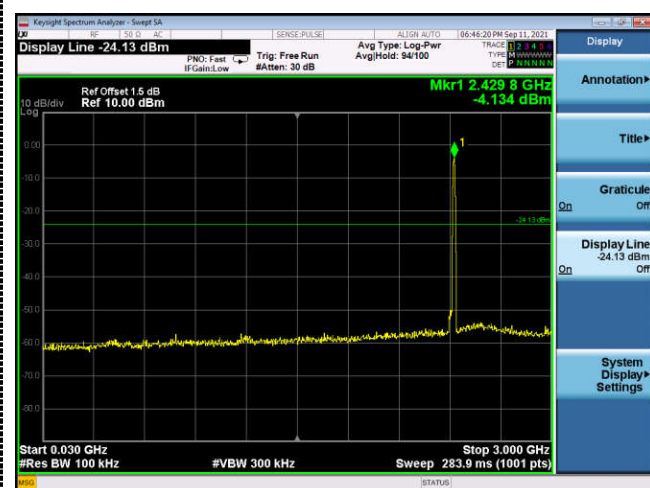


## 802.11n(HT40)

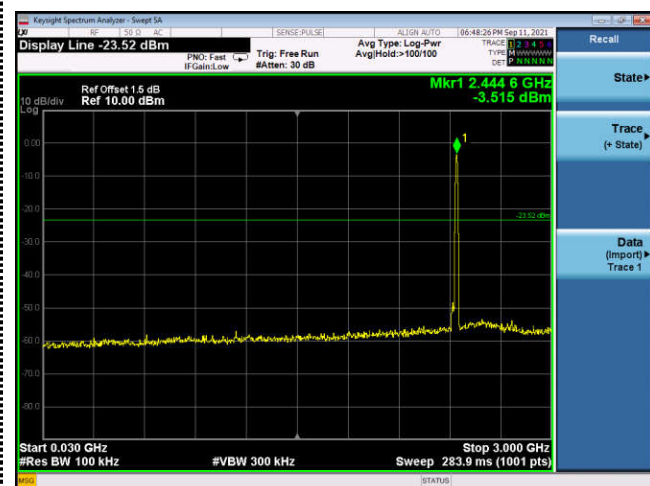


30MHz-3GHz



3GHz -25GHz

## CH03

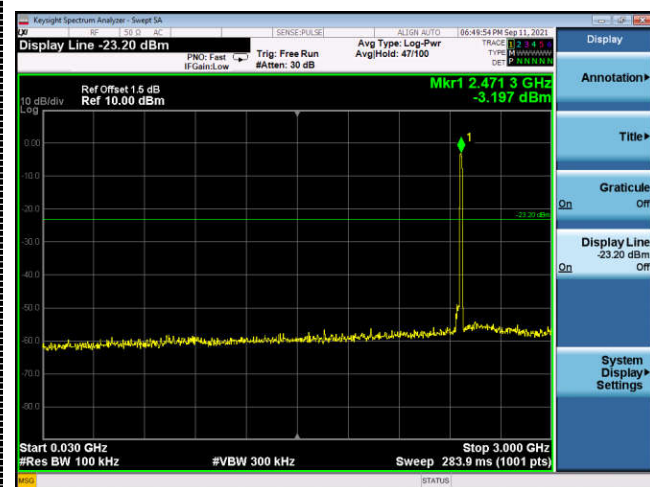


30MHz-3GHz



3GHz -25GHz

## CH06



30MHz-3GHz

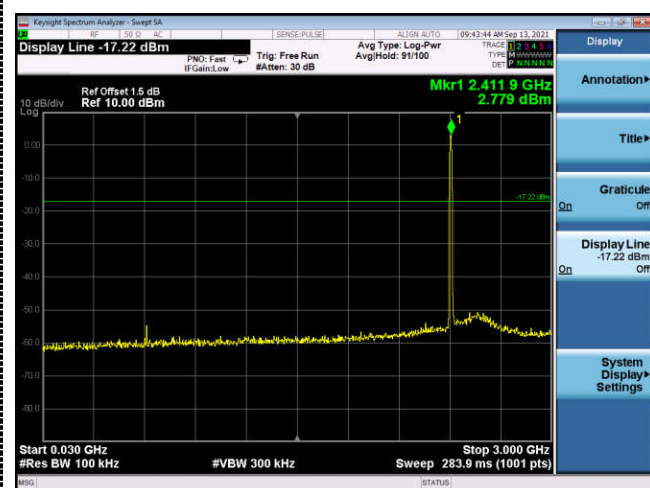


3GHz -25GHz

## CH09

ANT 2

802.11b

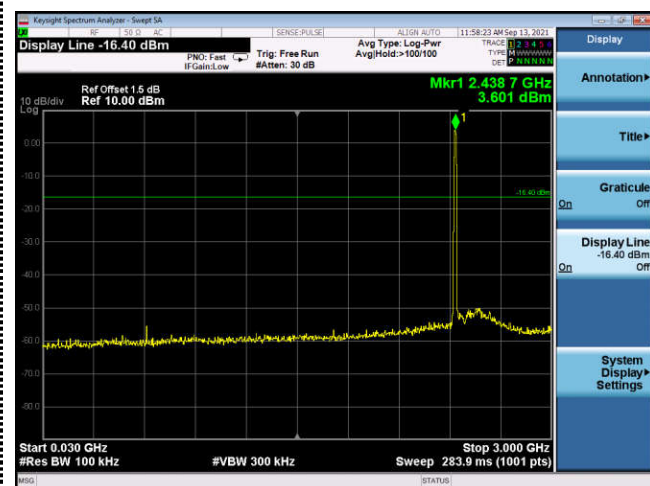


30MHz-3GHz



3GHz -25GHz

CH01

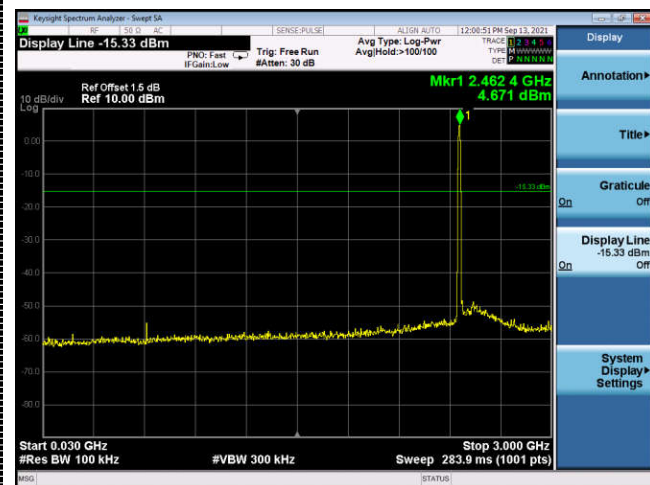


30MHz-3GHz



3GHz -25GHz

CH06



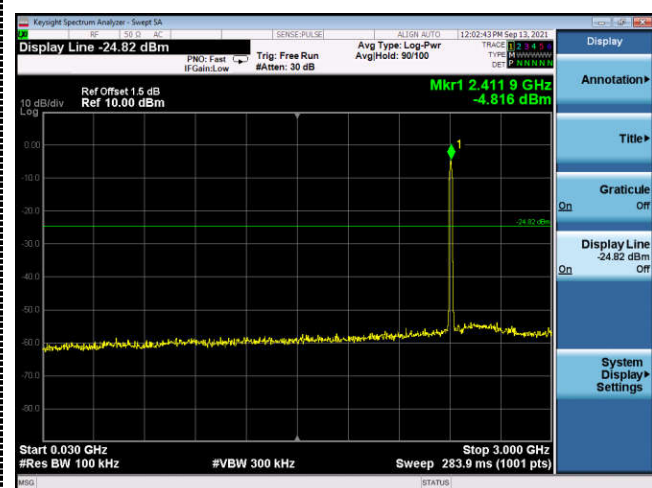
30MHz-3GHz



3GHz -25GHz

CH11

## 802.11g

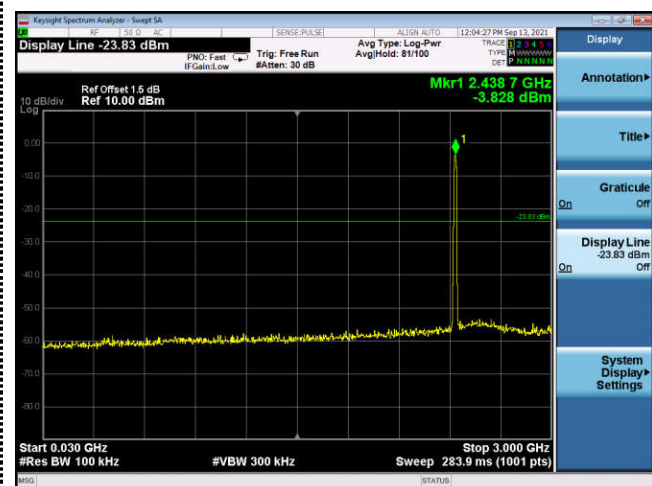


30MHz-3GHz

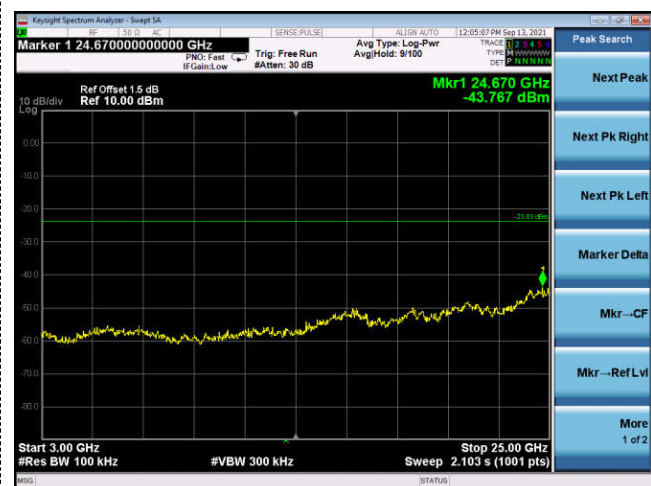


3GHz -25GHz

## CH01

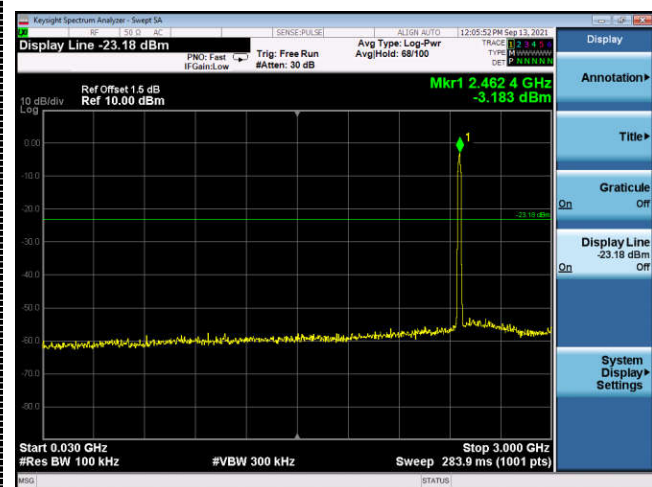


30MHz-3GHz



3GHz -25GHz

## CH06



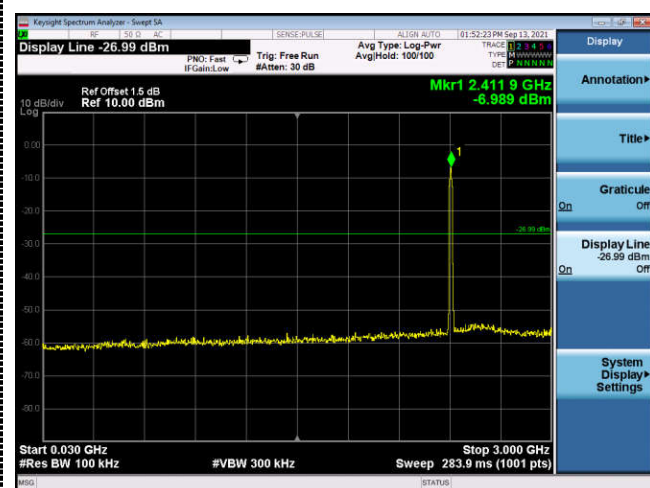
30MHz-3GHz



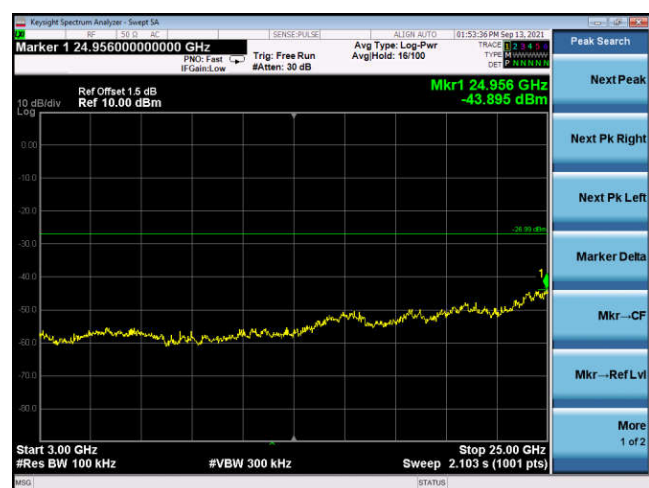
3GHz -25GHz

## CH11

## 802.11n(HT20)

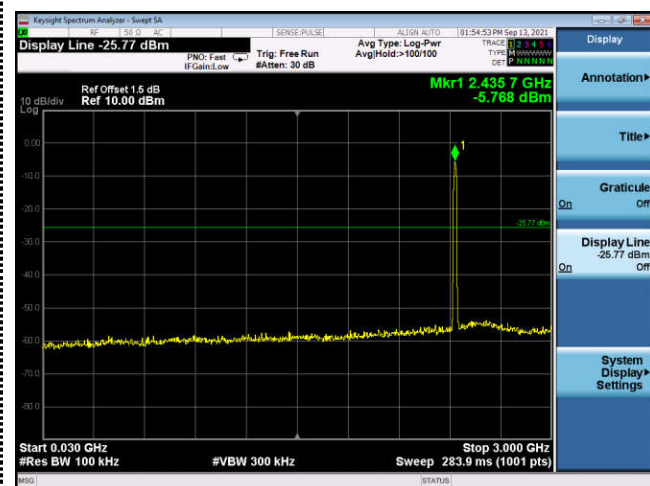


30MHz-3GHz

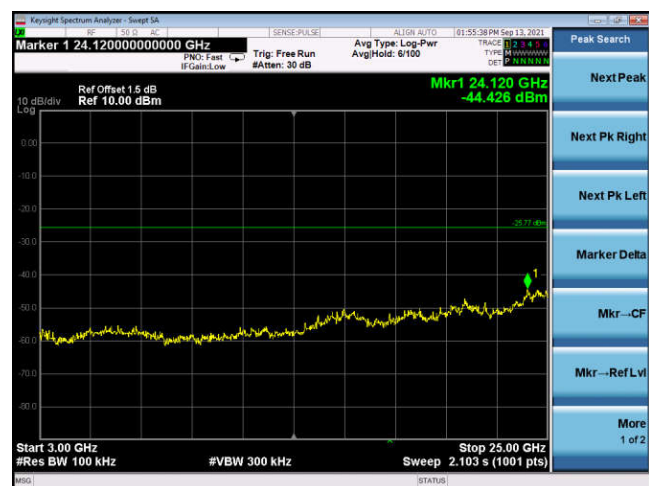


3GHz -25GHz

## CH01

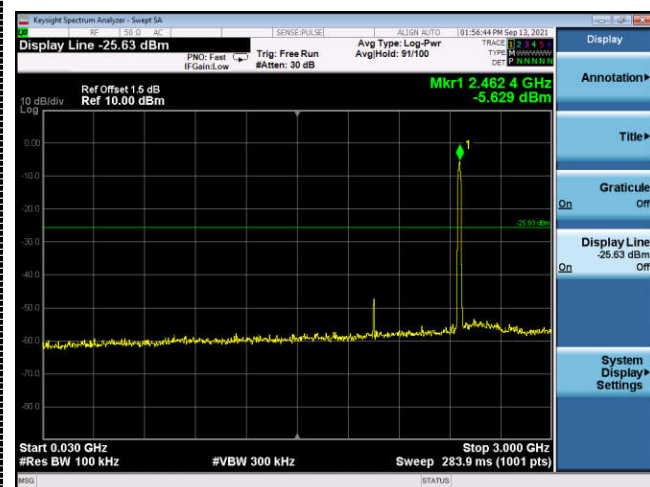


30MHz-3GHz



3GHz -25GHz

## CH06



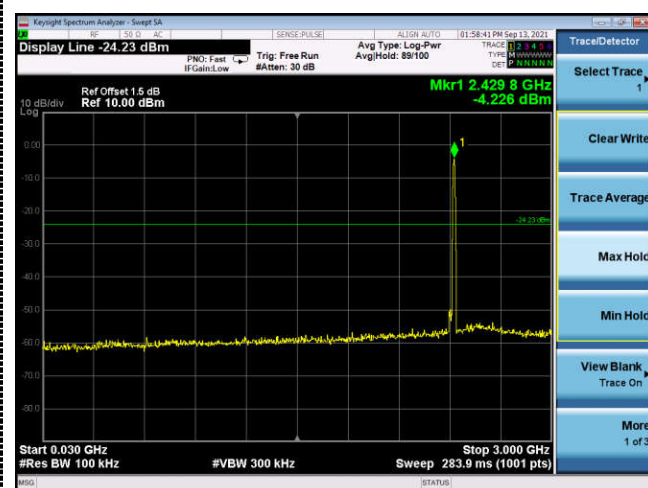
30MHz-3GHz



3GHz -25GHz

## CH11

## 802.11n(HT40)

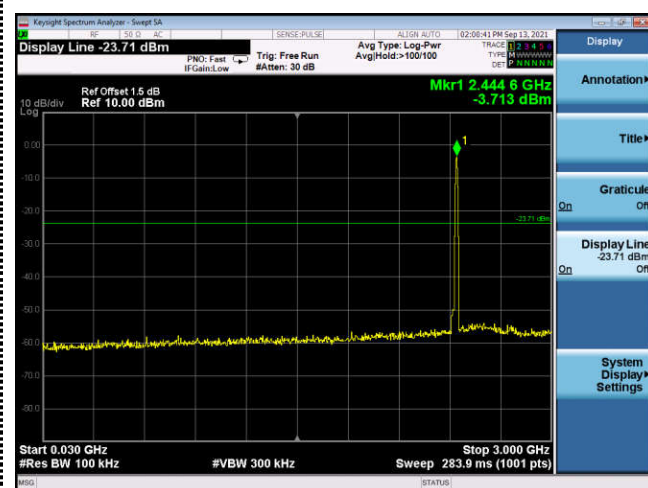


30MHz-3GHz



3GHz -25GHz

## CH03

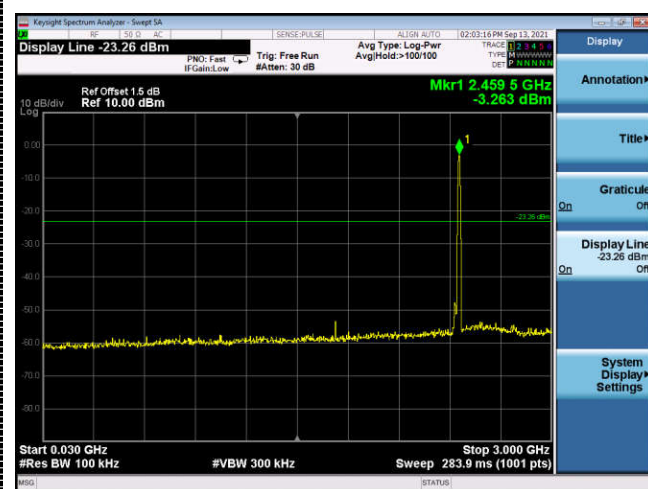


30MHz-3GHz



3GHz -25GHz

## CH06

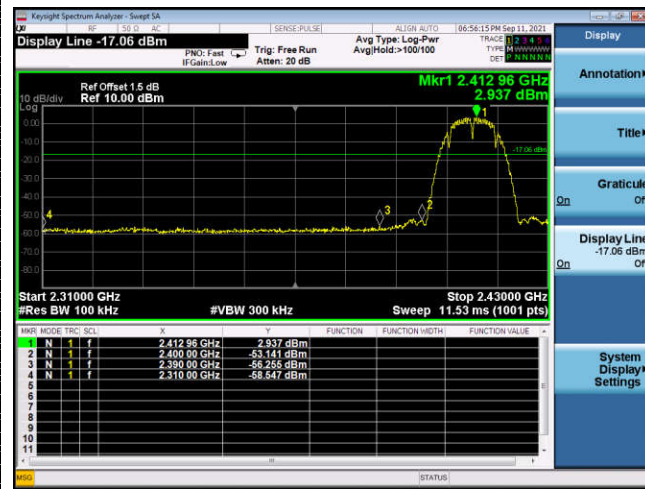


30MHz-3GHz

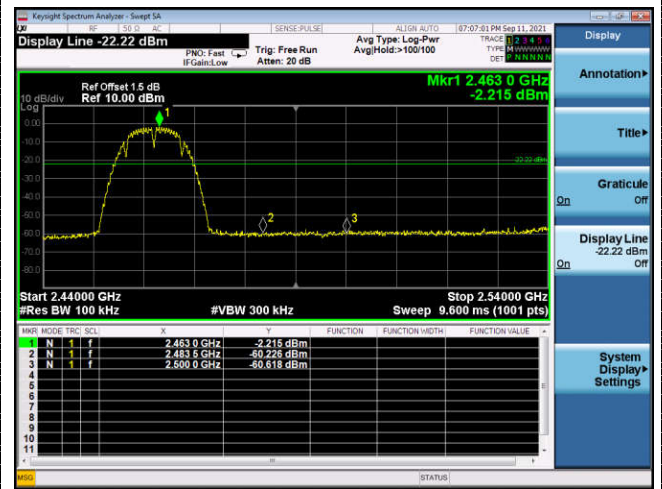


3GHz -25GHz

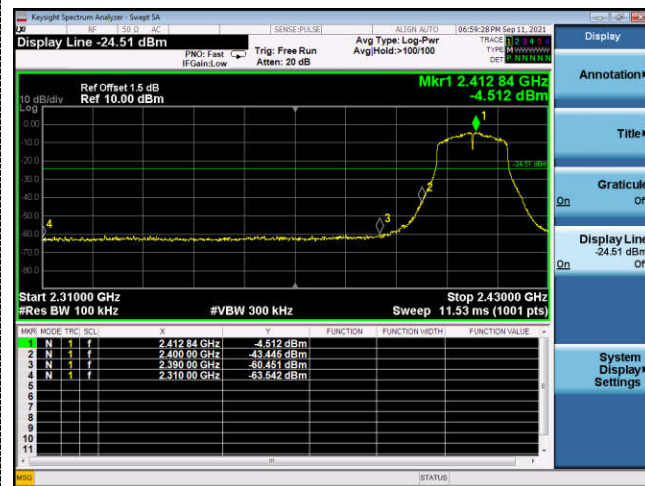
## CH09

**Band-edge Measurements for RF Conducted Emissions:****ANT 1****802.11b**

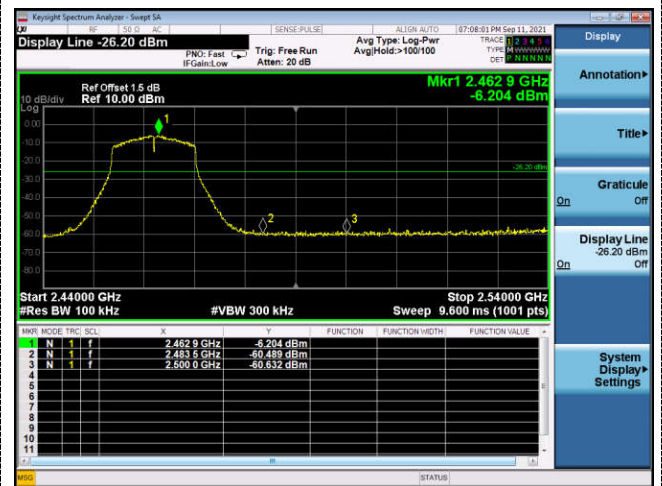
Left bandedge



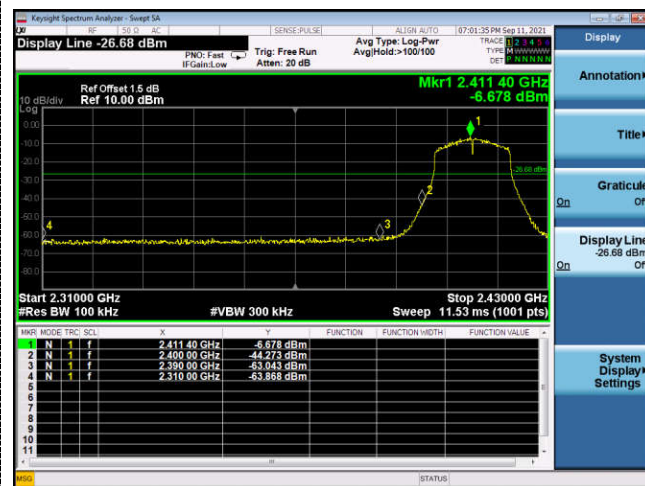
Right bandedge

**802.11g**

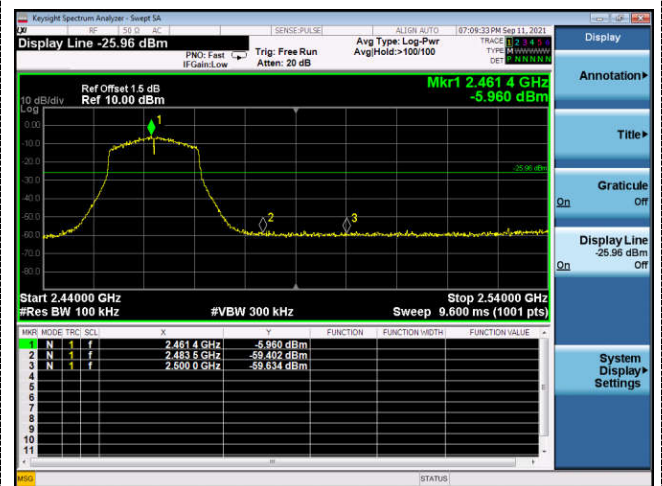
Left bandedge



Right bandedge

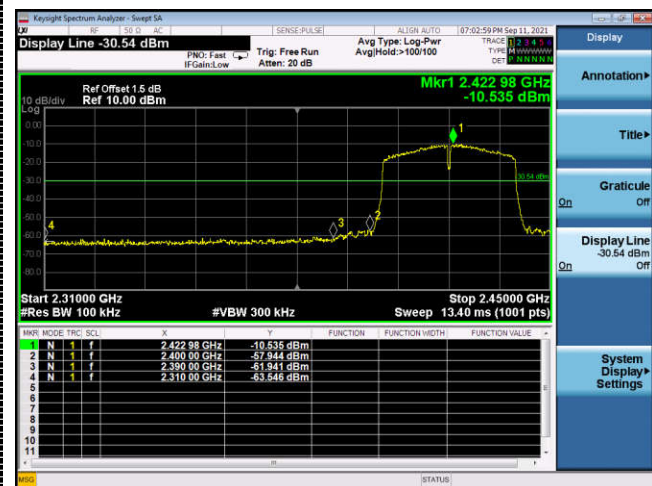
**802.11n(HT20)**

Left bandedge

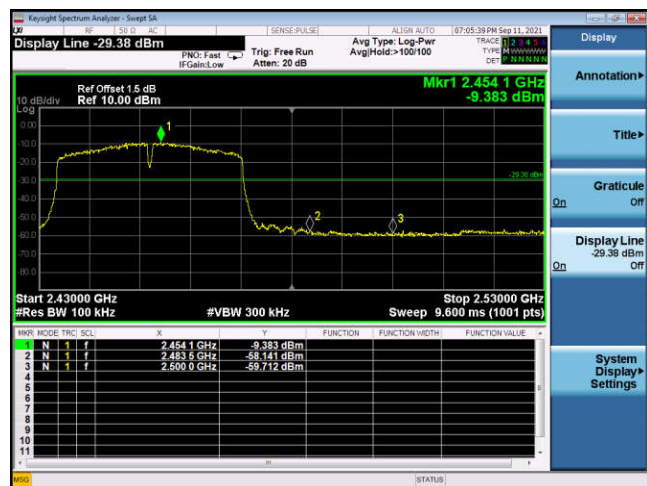


Right bandedge

## 802.11n(HT40)



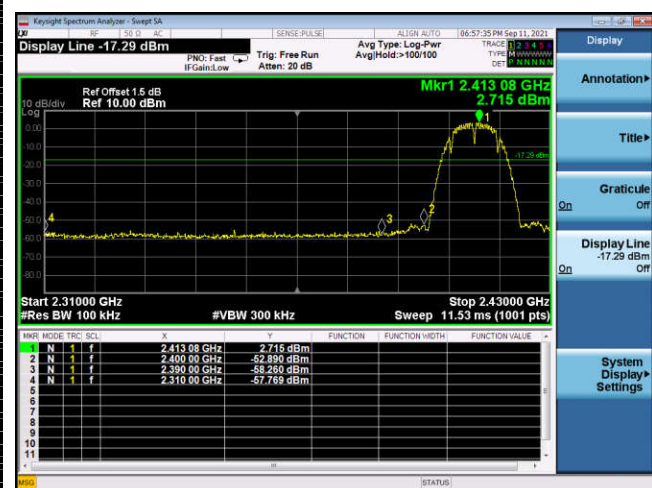
Left bandedge



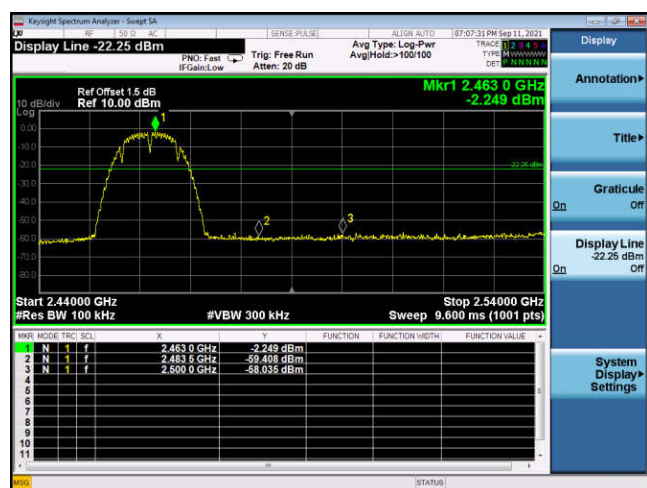
Right bandedge

## ANT 2

## 802.11b

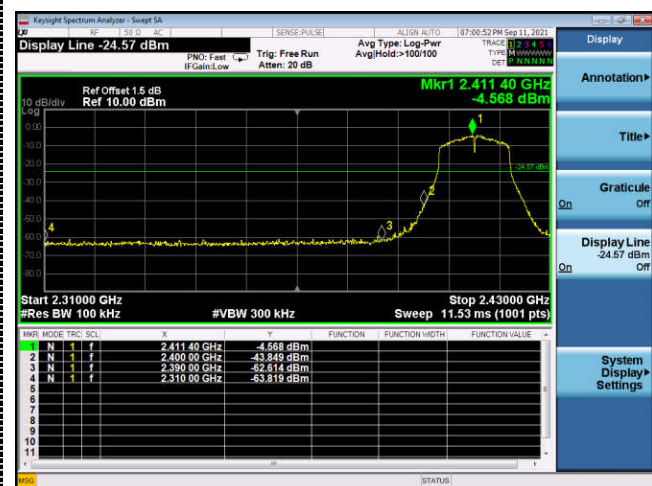


Left bandedge

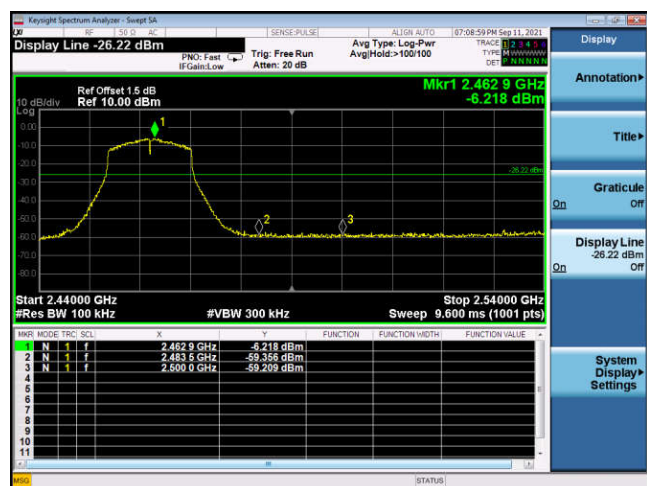


Right bandedge

## 802.11g

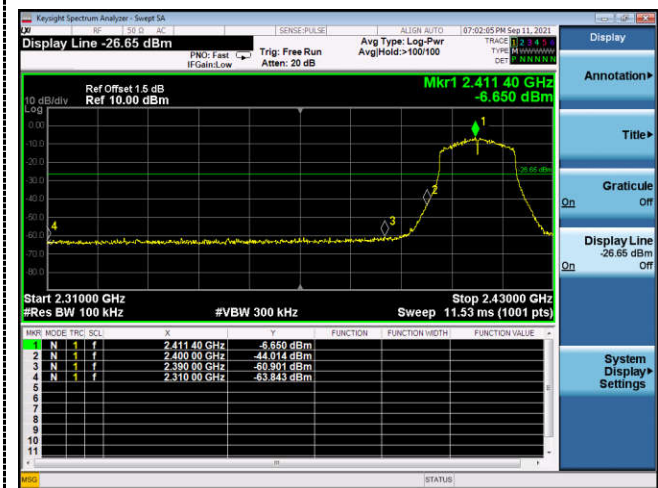


Left bandedge

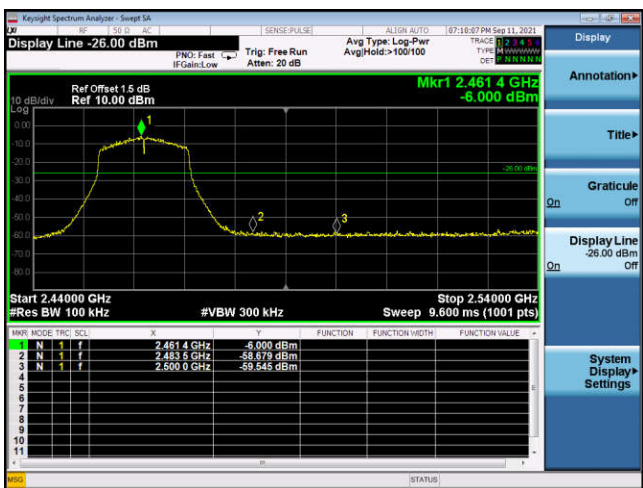


Right bandedge

802.11n(HT20)

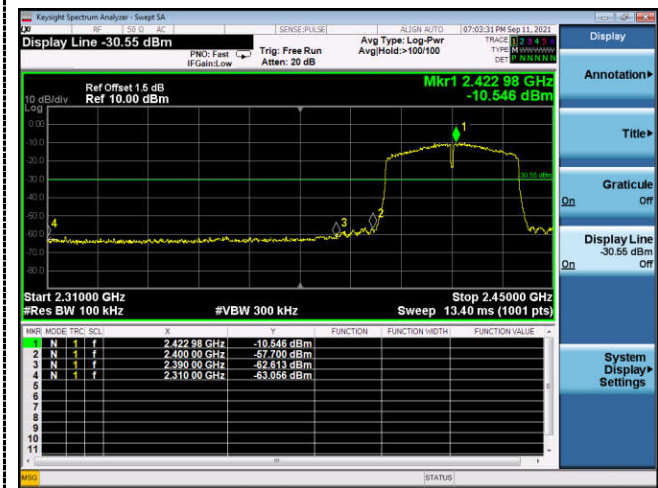


Left bandedge

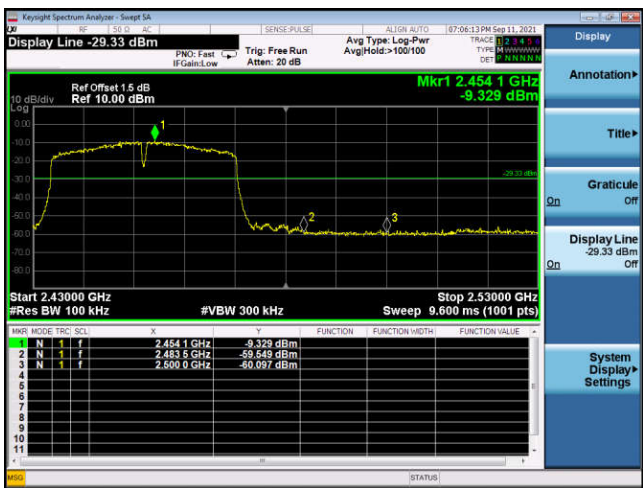


Right bandedge

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):**

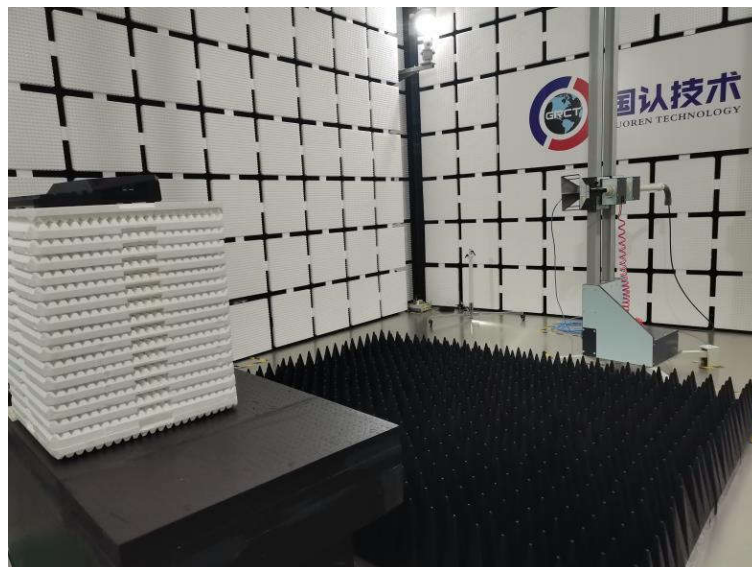
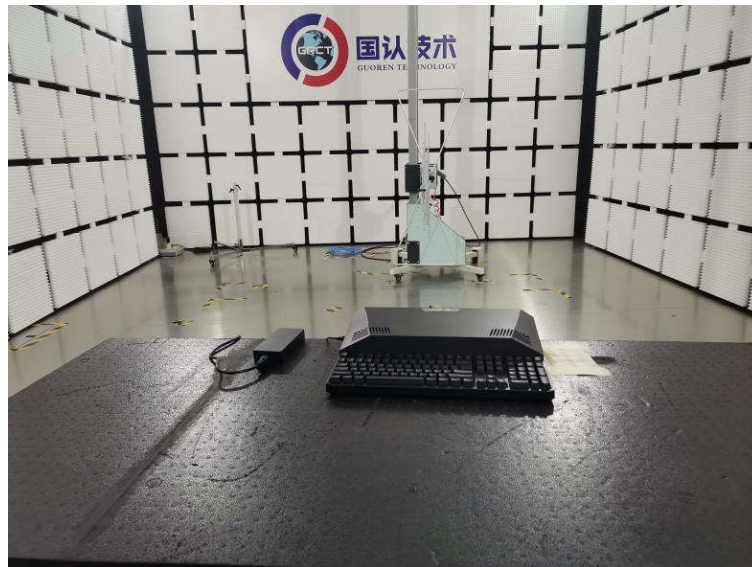
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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

### Test Result:

The maximum gain of antenna 0 and antenna1 were -2.31 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.

## 5 Test Setup Photos of the EUT



## **6 Photos of the EUT**

Reference to the test report No. GRCTR210902004-01

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