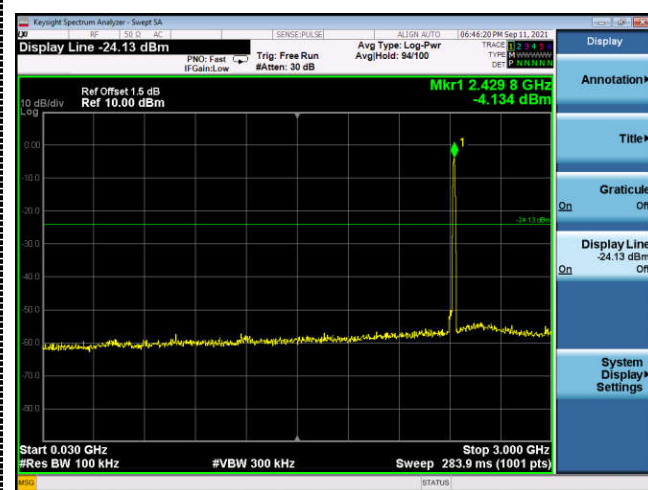


802.11n(HT40)

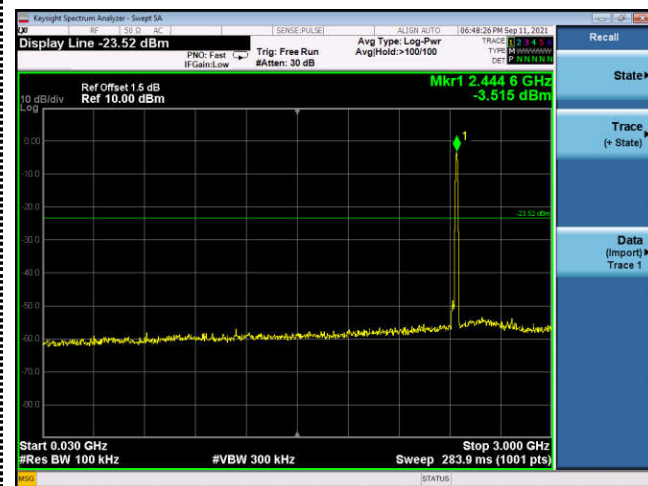


30MHz-3GHz



3GHz -25GHz

CH03

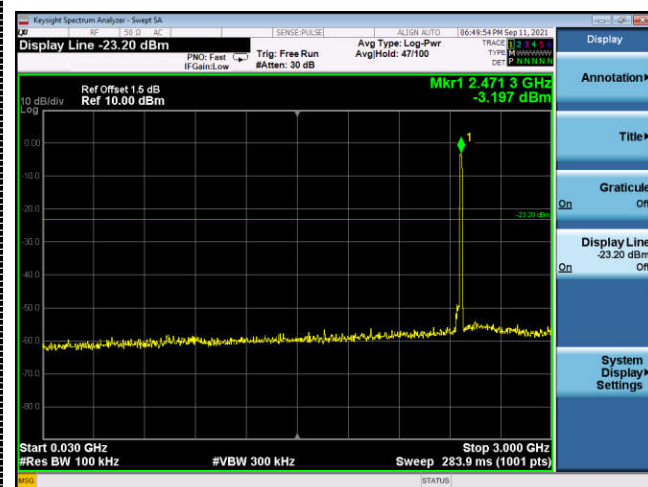


30MHz-3GHz



3GHz -25GHz

CH06



30MHz-3GHz

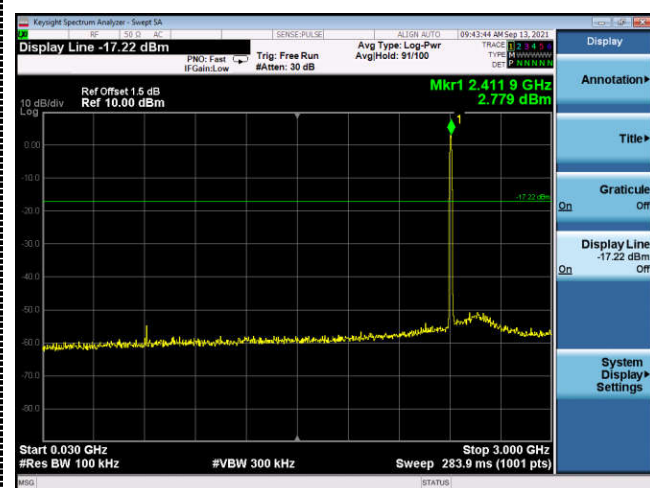


3GHz -25GHz

CH09

ANT 2

802.11b

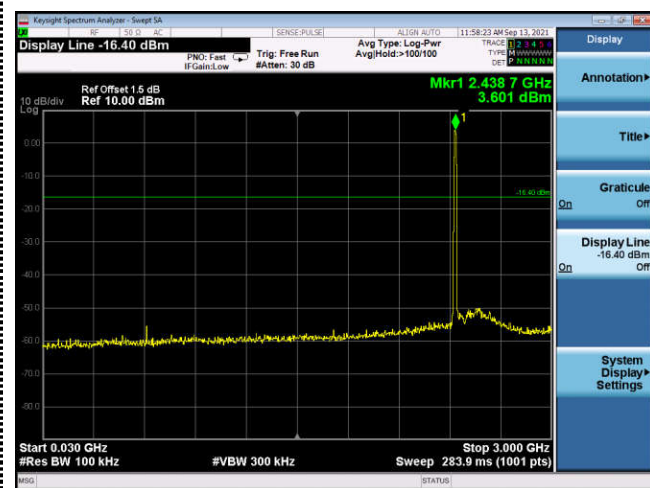


30MHz-3GHz



3GHz -25GHz

CH01

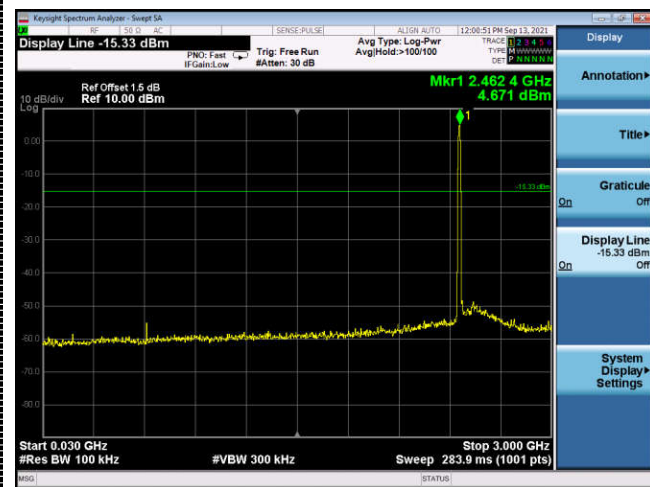


30MHz-3GHz



3GHz -25GHz

CH06



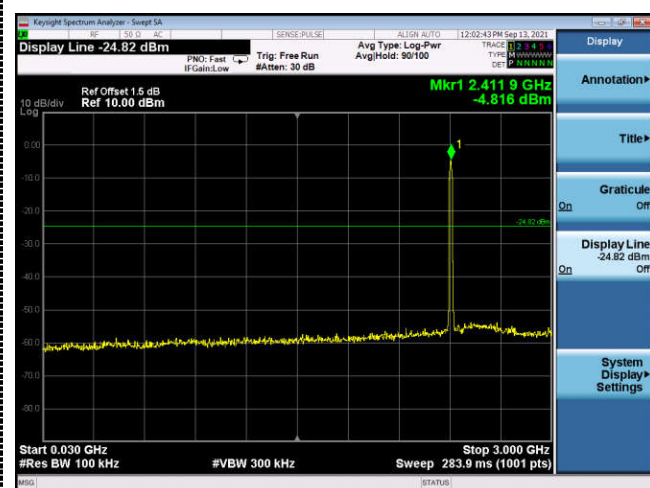
30MHz-3GHz



3GHz -25GHz

CH11

802.11g

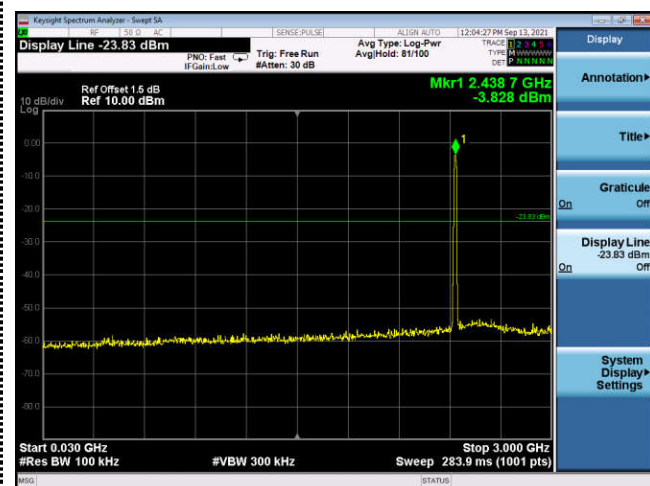


30MHz-3GHz

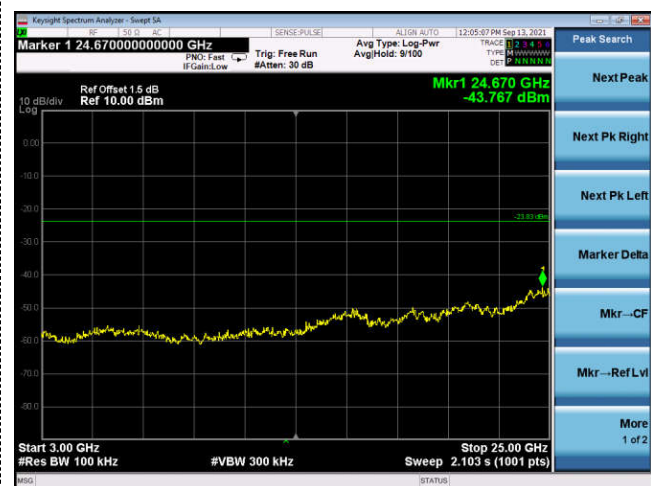


3GHz -25GHz

CH01

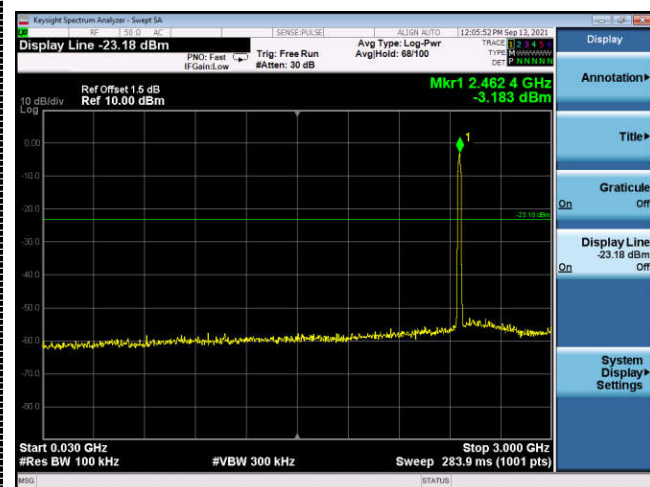


30MHz-3GHz



3GHz -25GHz

CH06



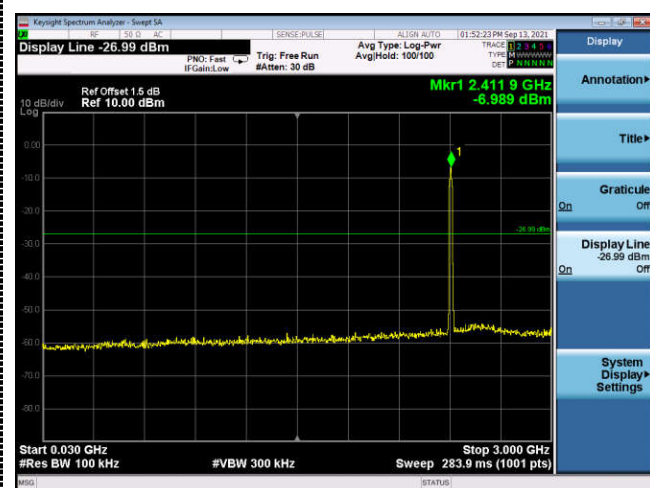
30MHz-3GHz



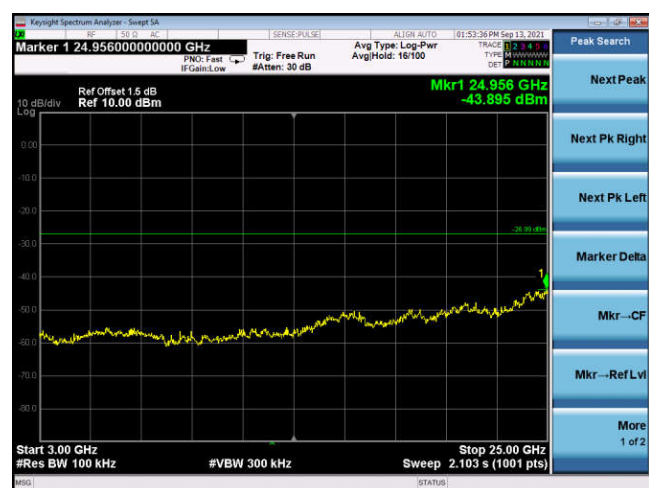
3GHz -25GHz

CH11

802.11n(HT20)

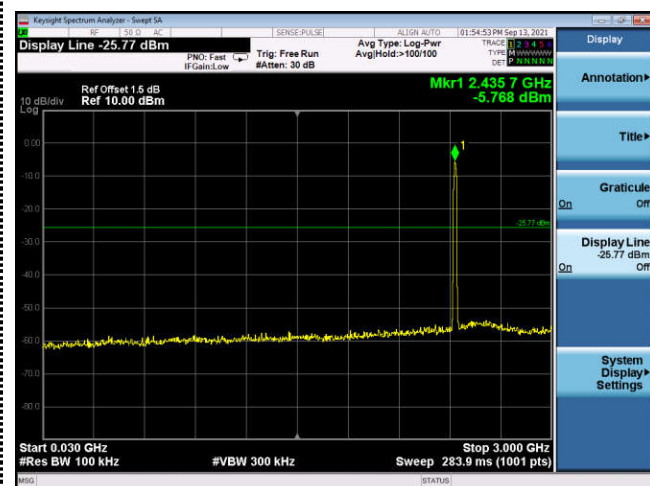


30MHz-3GHz

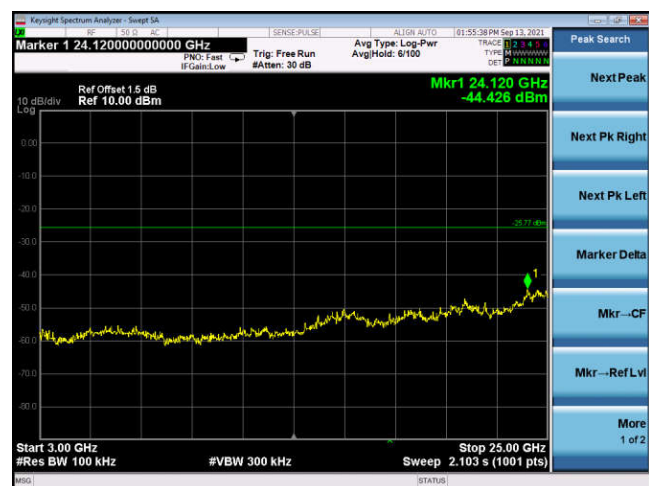


3GHz -25GHz

CH01

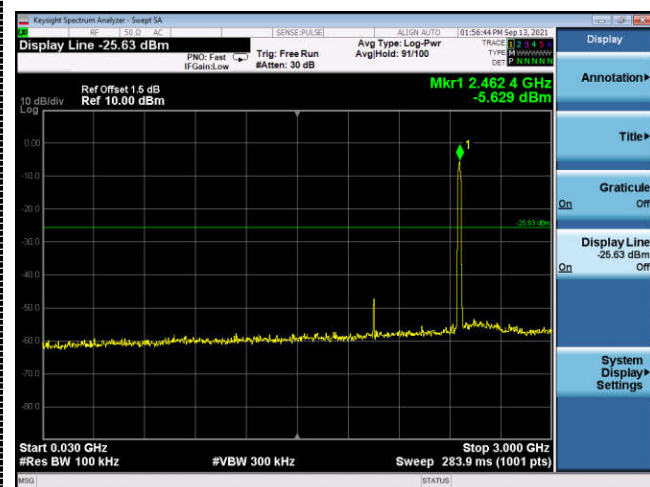


30MHz-3GHz



3GHz -25GHz

CH06



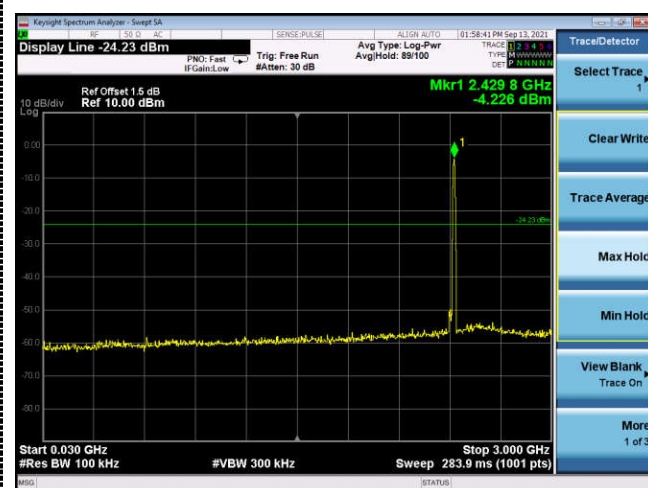
30MHz-3GHz



3GHz -25GHz

CH11

802.11n(HT40)

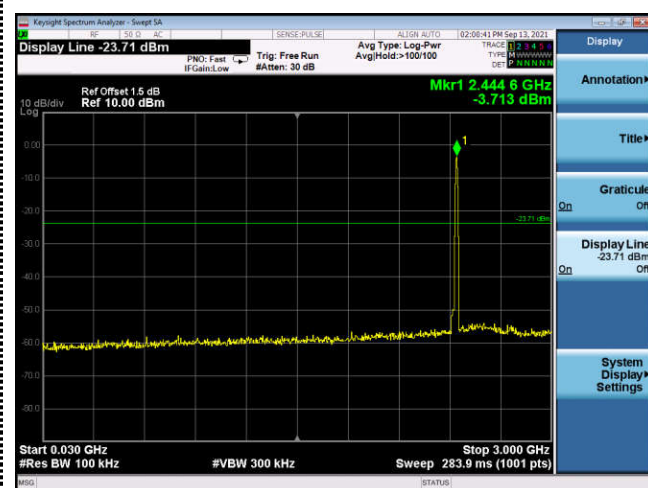


30MHz-3GHz



3GHz -25GHz

CH03

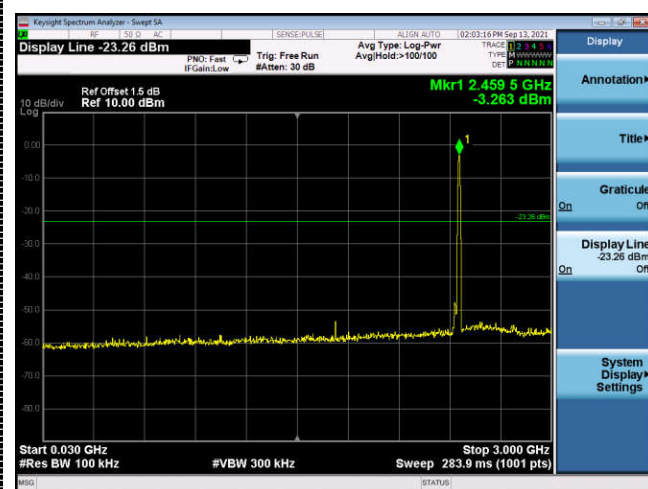


30MHz-3GHz



3GHz -25GHz

CH06



30MHz-3GHz

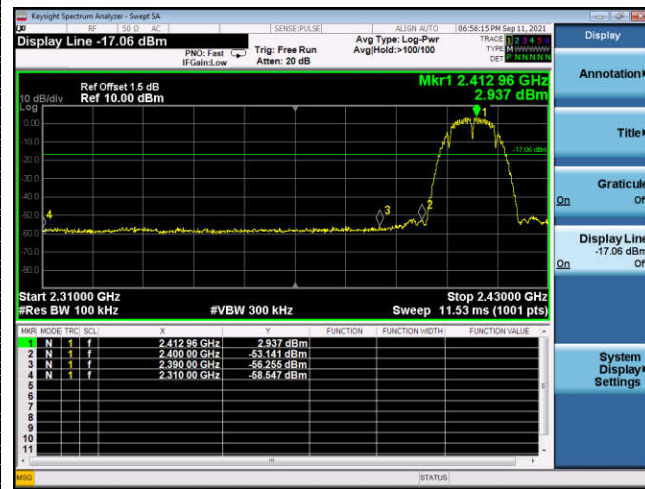


3GHz -25GHz

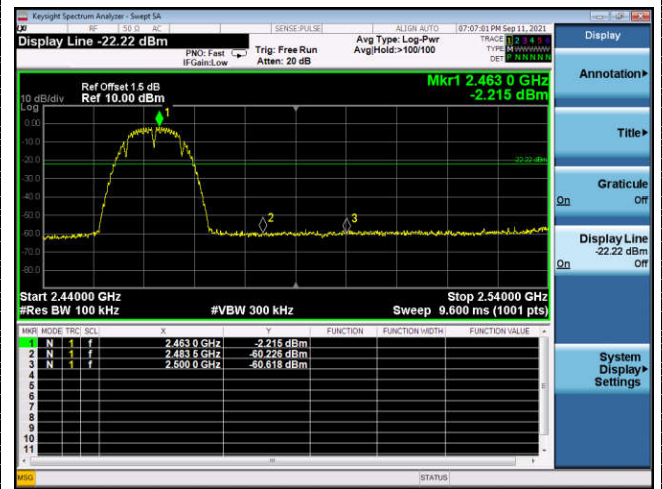
CH09

Band-edge Measurements for RF Conducted Emissions:

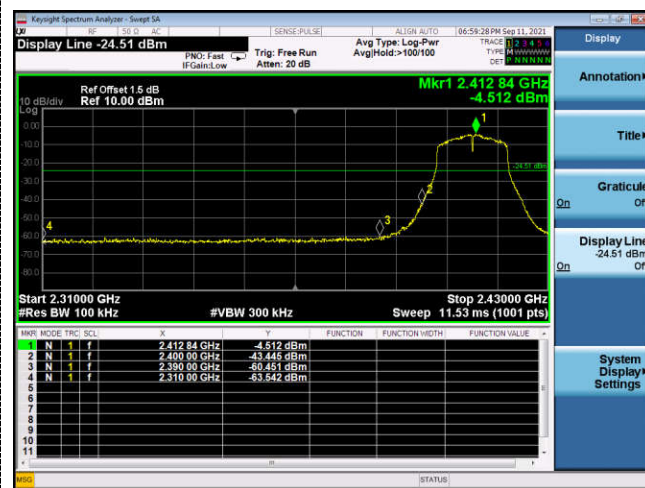
ANT 1

802.11b

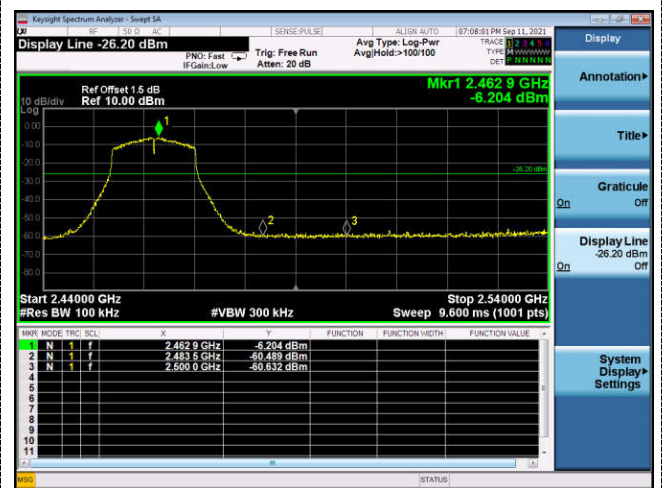
Left bandedge



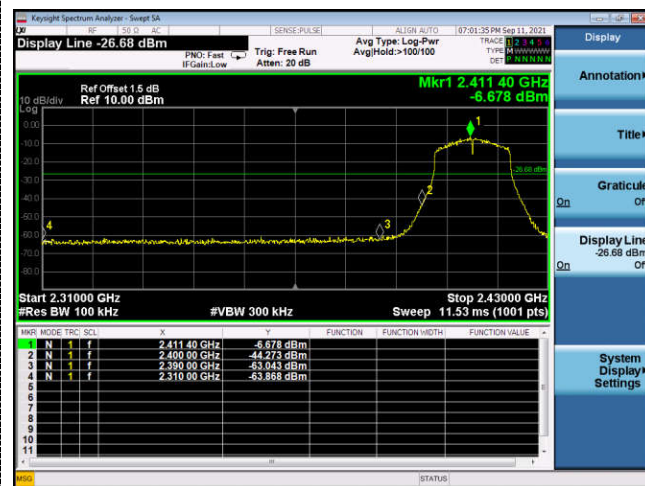
Right bandedge

802.11g

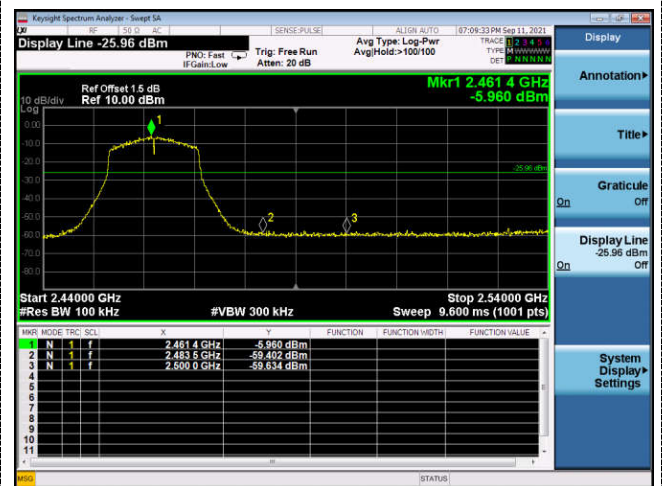
Left bandedge



Right bandedge

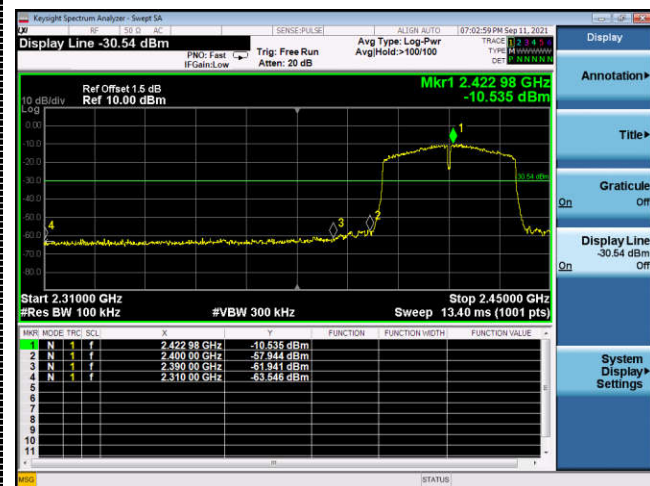
802.11n(HT20)

Left bandedge

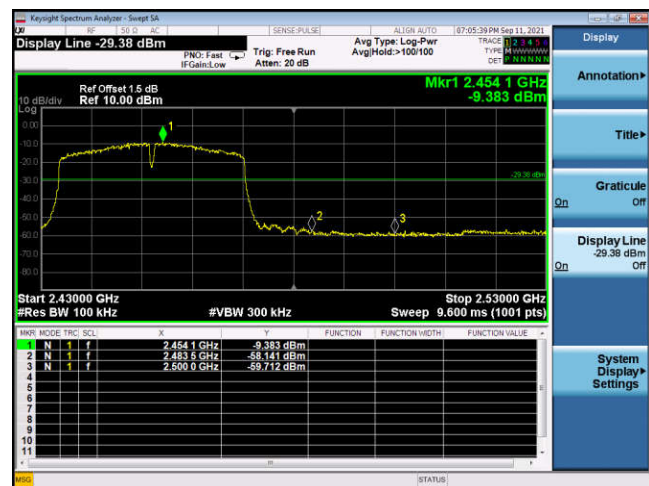


Right bandedge

802.11n(HT40)



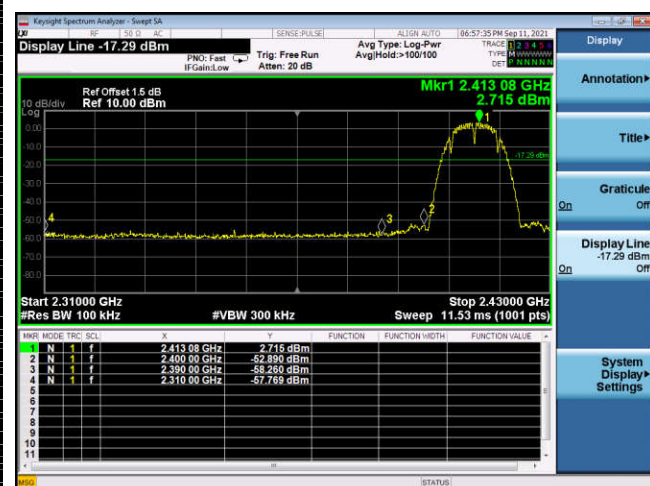
Left bandedge



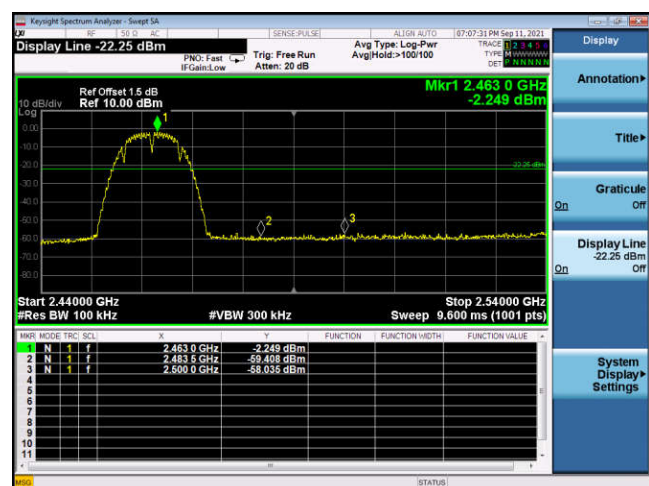
Right bandedge

ANT 2

802.11b

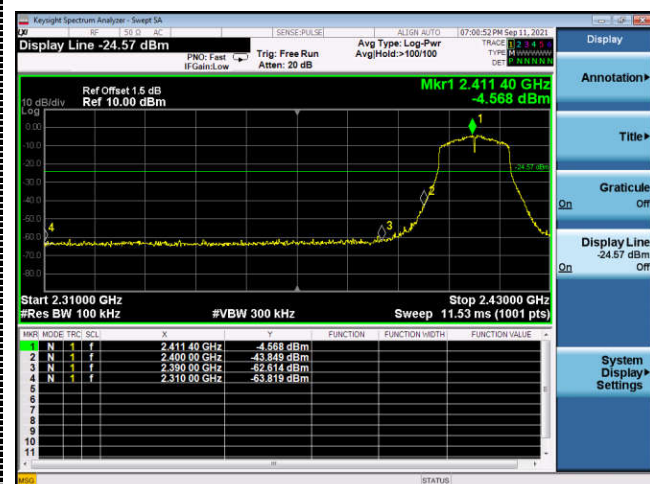


Left bandedge

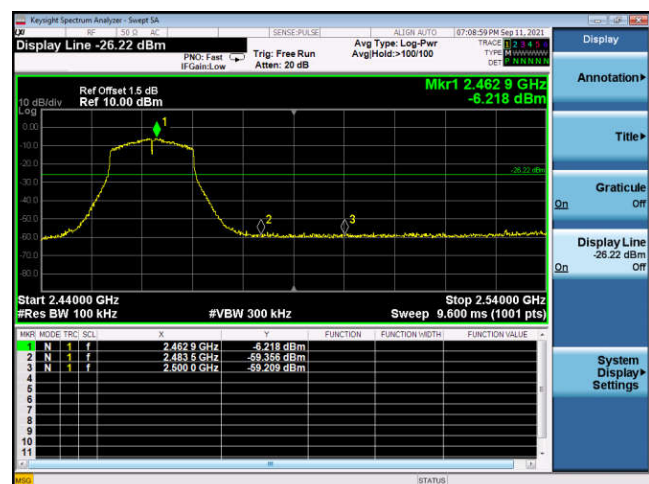


Right bandedge

802.11g

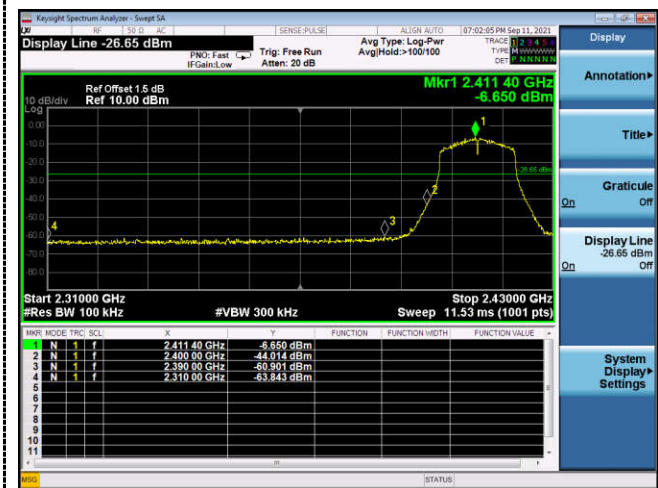


Left bandedge

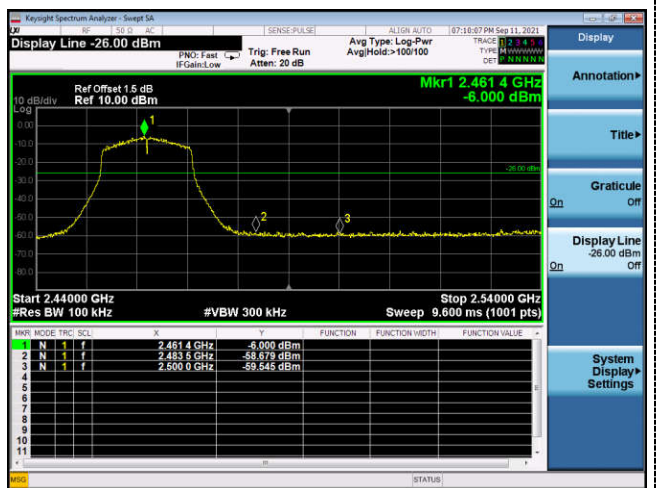


Right bandedge

802.11n(HT20)

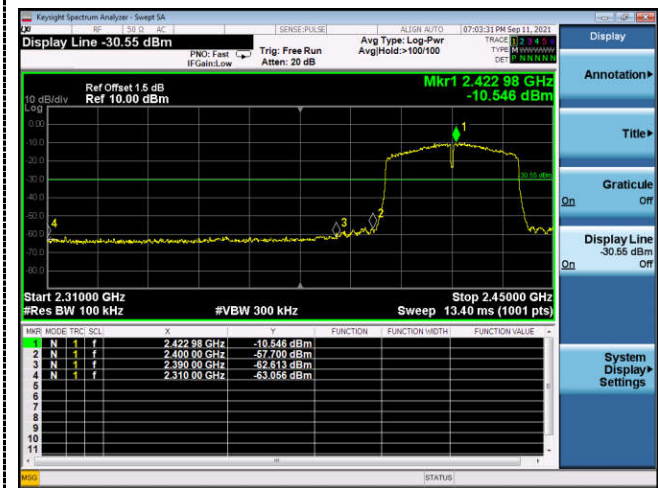


Left bandedge

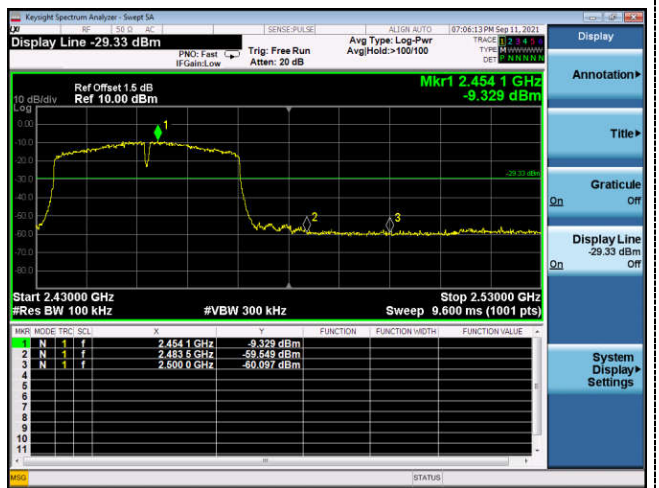


Right bandedge

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):

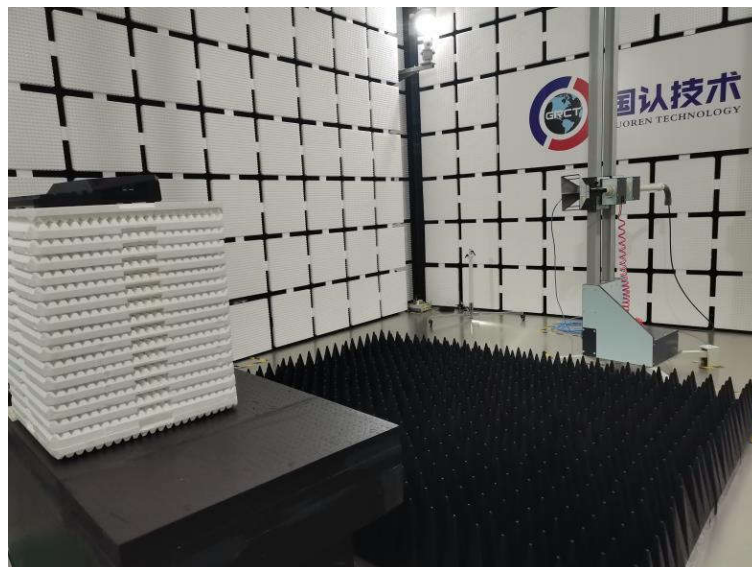
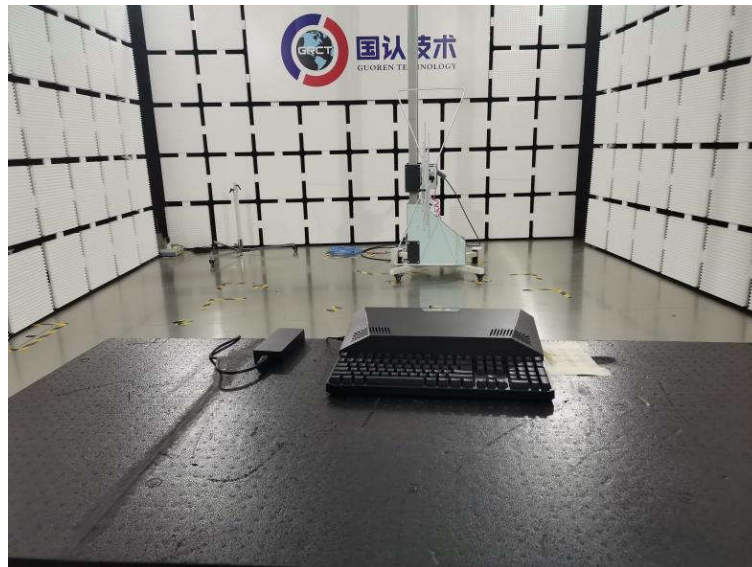
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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