

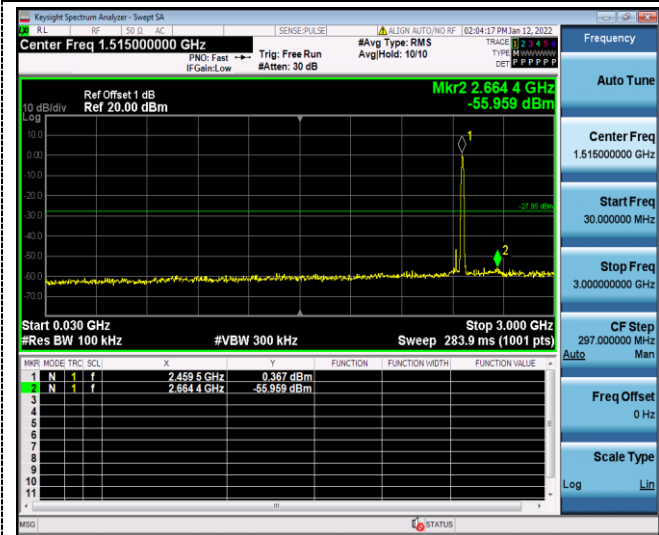
802.11b CH11



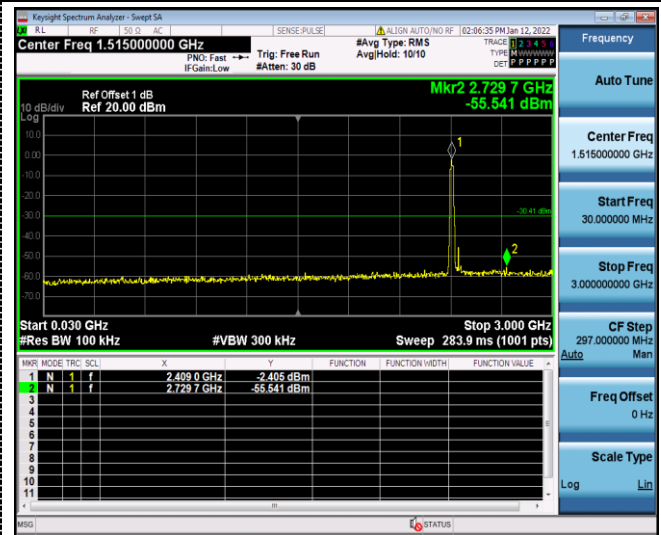
802.11g CH01



Reference



Reference



30MHz-3GHz



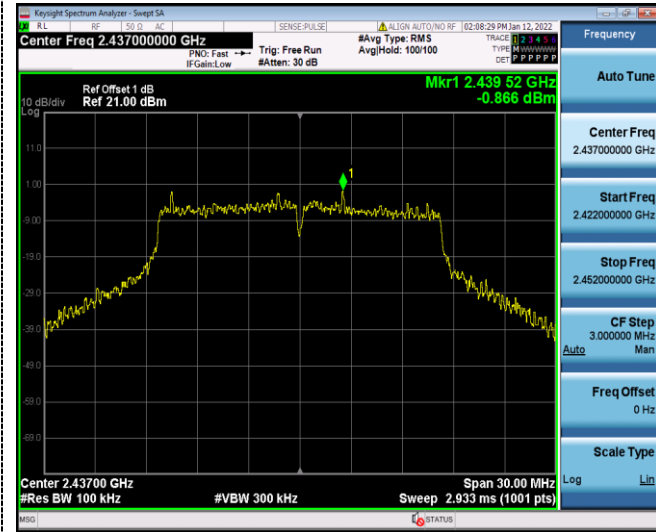
30MHz-3GHz



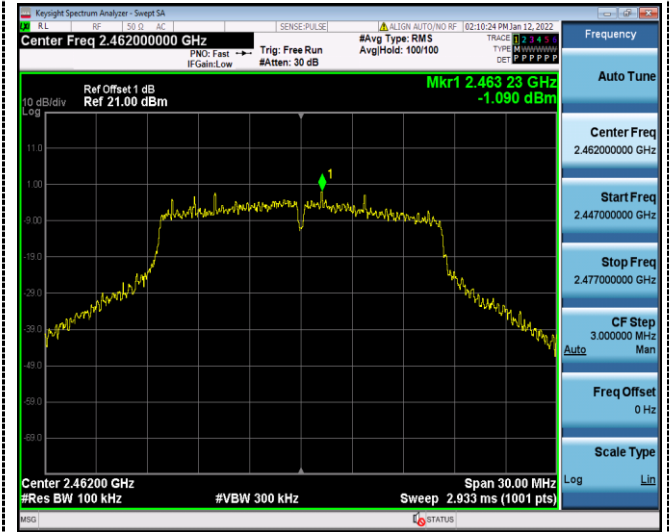
3GHz-25GHz

3GHz-25GHz

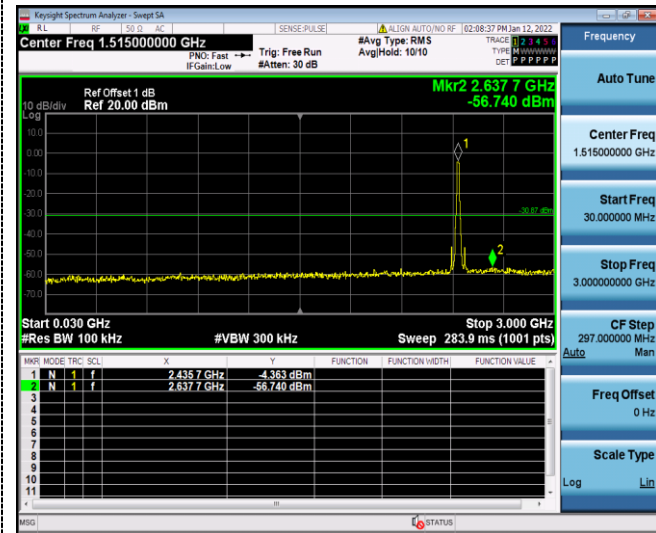
802.11g CH06



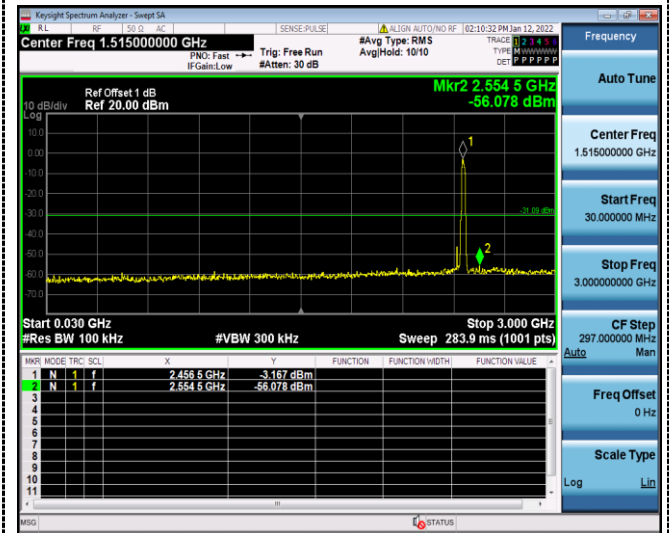
802.11g CH11



Reference



Reference



30MHz-3GHz



30MHz-3GHz



3GHz-25GHz

3GHz-25GHz

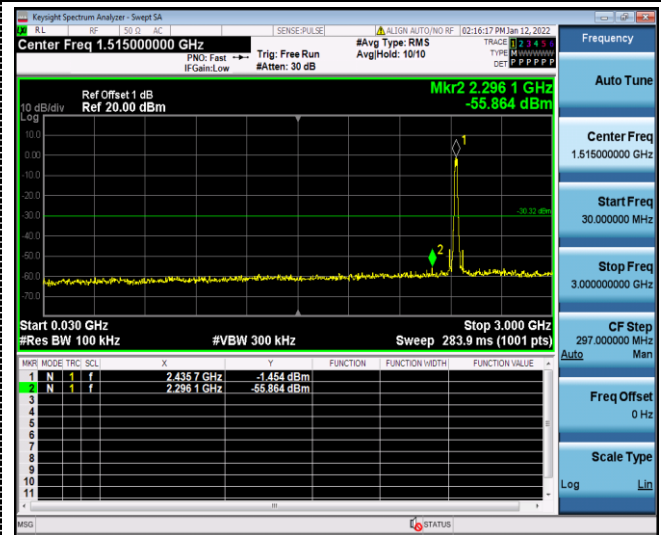
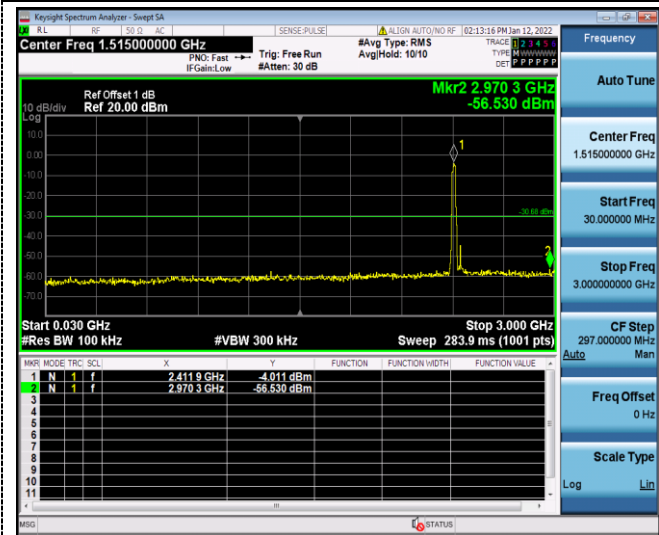
802.11n(HT20) CH01



802.11n(HT20) CH06



Reference



30MHz-3GHz



30MHz-3GHz



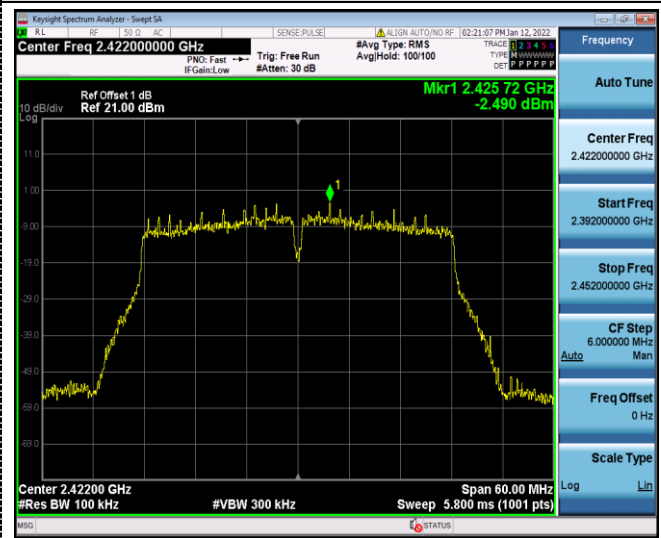
3GHz-25GHz

3GHz-25GHz

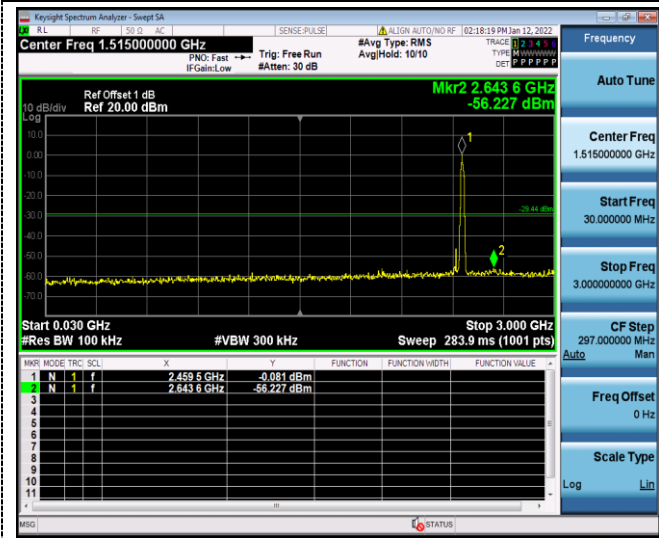
802.11n(HT20) CH11



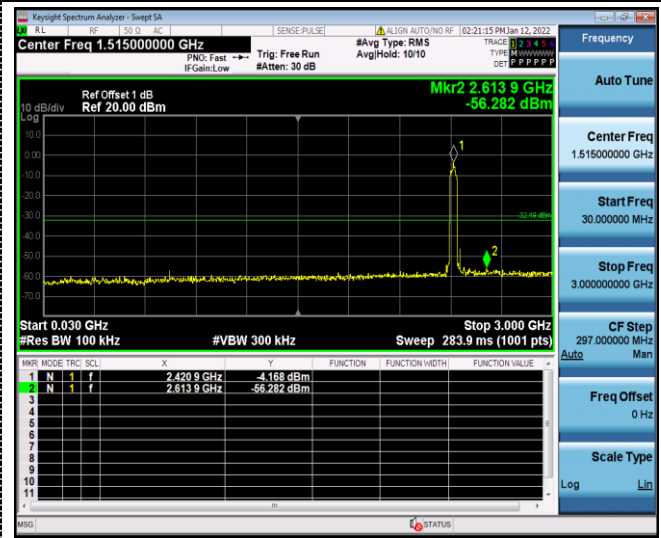
802.11n(HT40) CH03



Reference



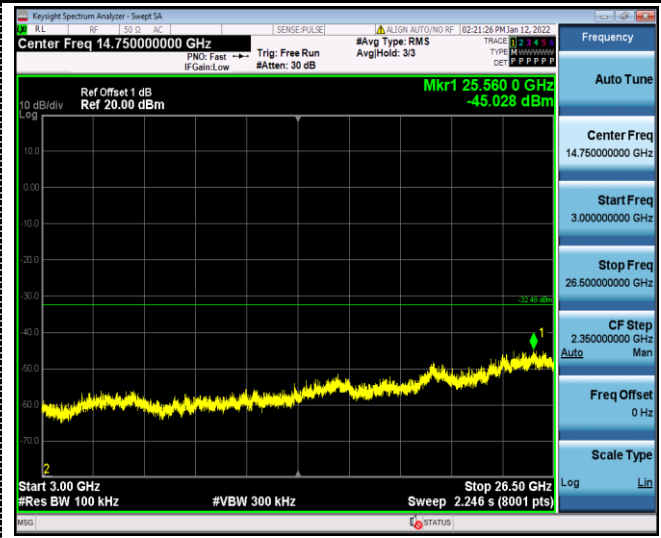
Reference



30MHz-3GHz



30MHz-3GHz



3GHz-25GHz

3GHz-25GHz

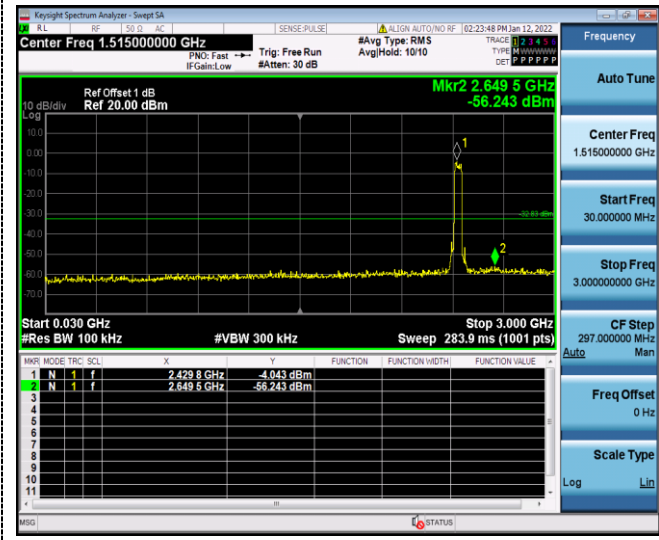
802.11n(HT40) CH06



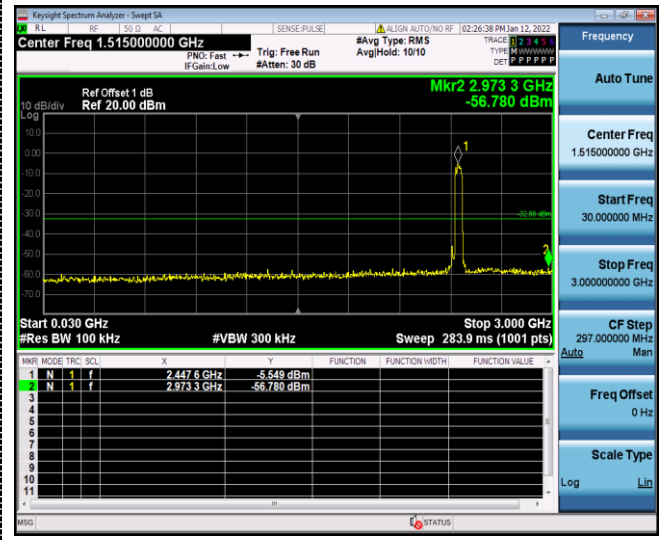
802.11n(HT40) CH09



Reference



Reference



30MHz-3GHz



30MHz-3GHz

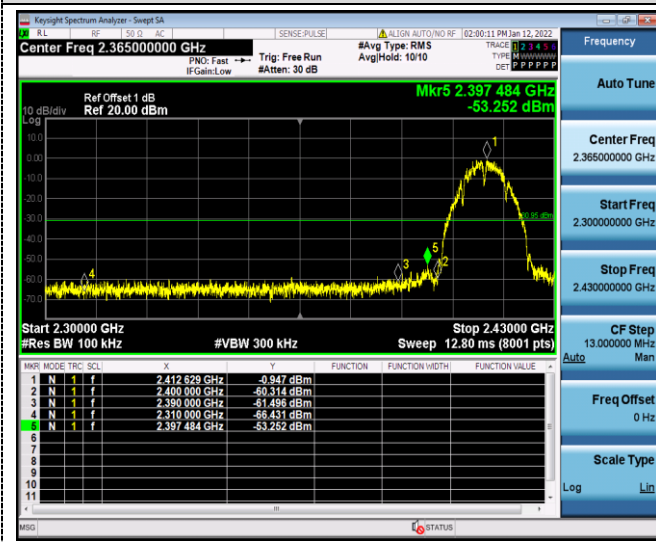


3GHz-25GHz

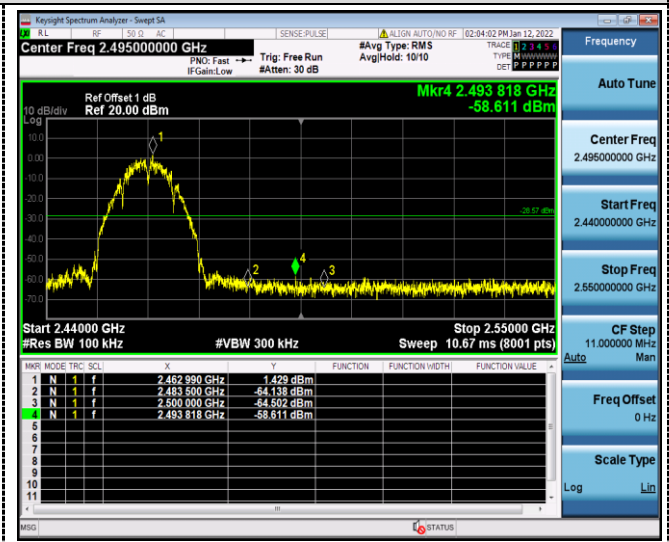
3GHz-25GHz

Band-edge Measurements for RF Conducted Emissions:

802.11b

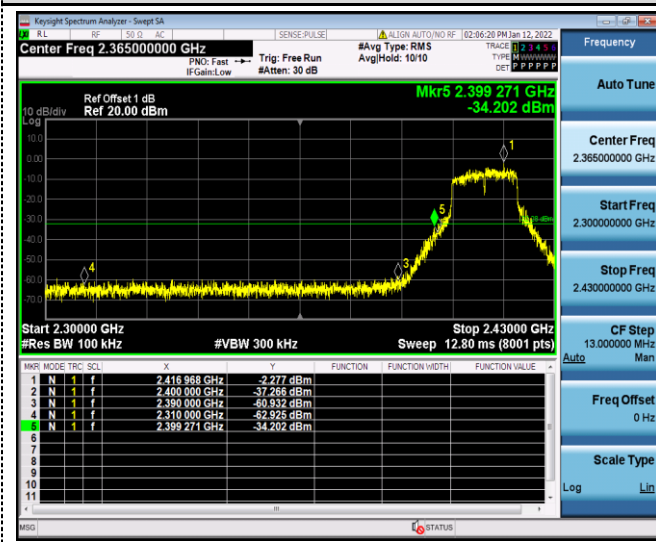


Left bandedge

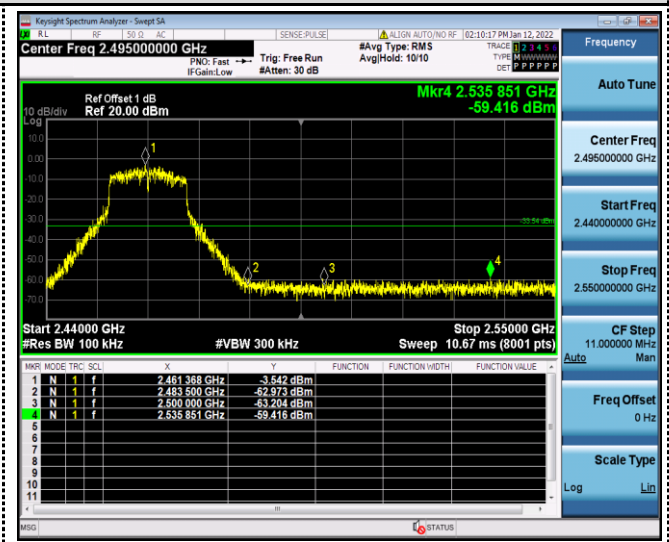


Right bandedge

802.11g

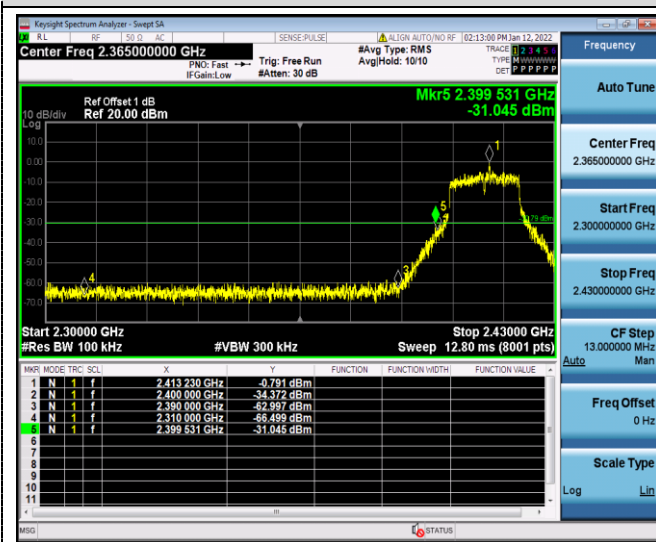


Left bandedge

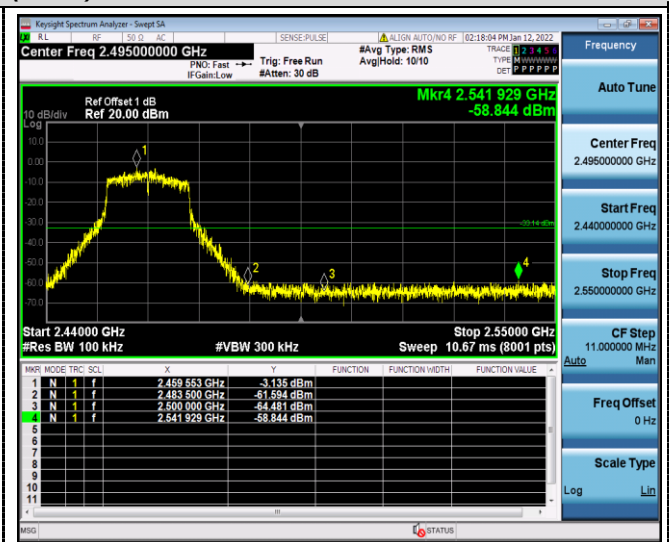


Right bandedge

802.11n(HT20)

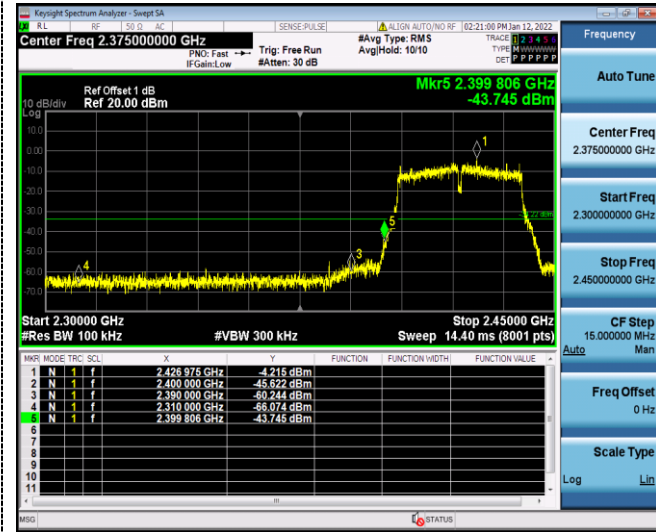


Left bandedge

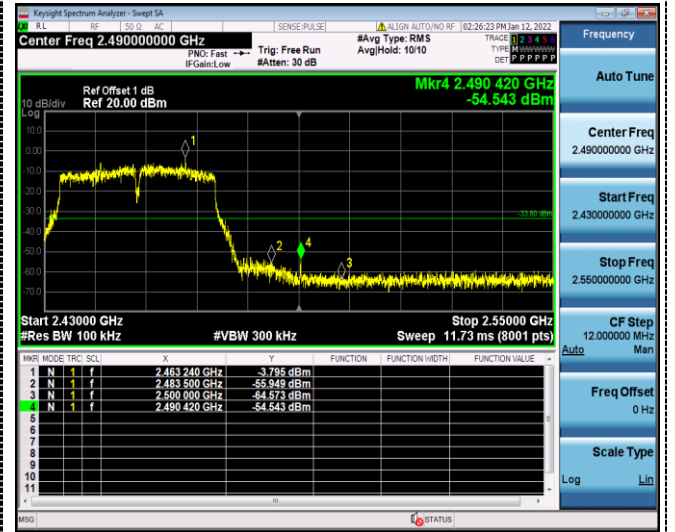


Right bandedge

802.11n(HT40)



Left bandedge



Right bandedge

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

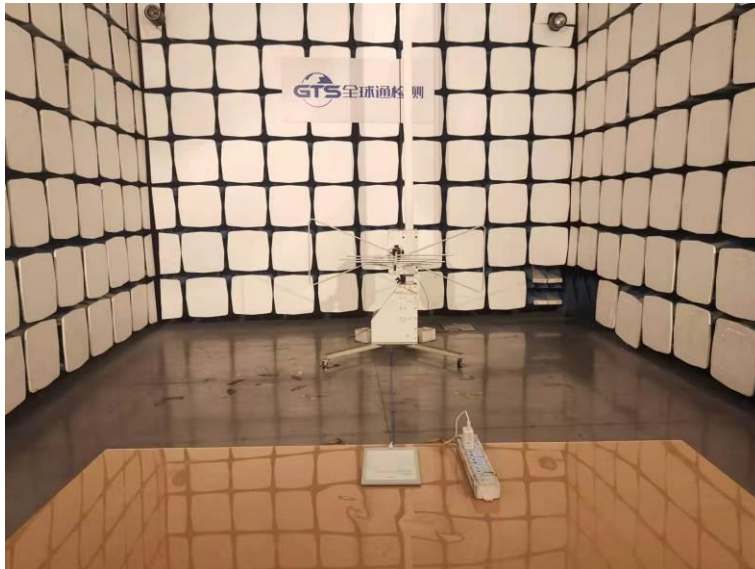
FCC CFR Title 47 Part 15 Subpart C Section 15.247(b):

(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:

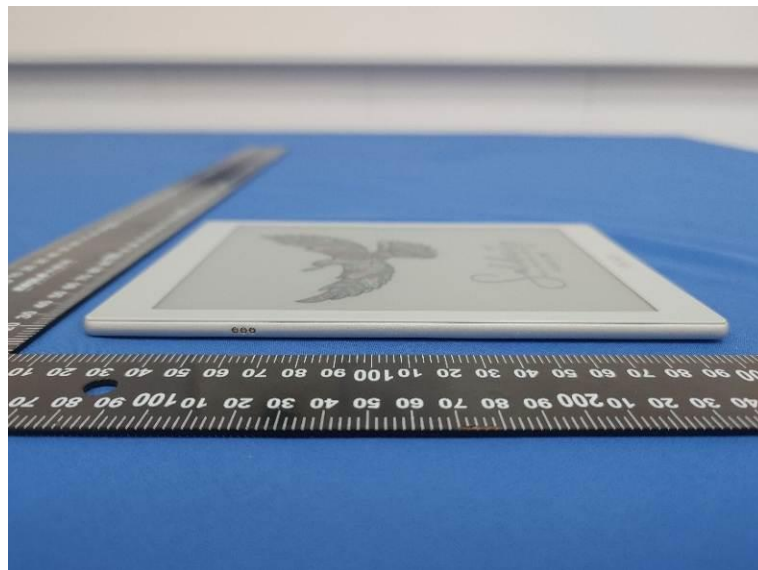
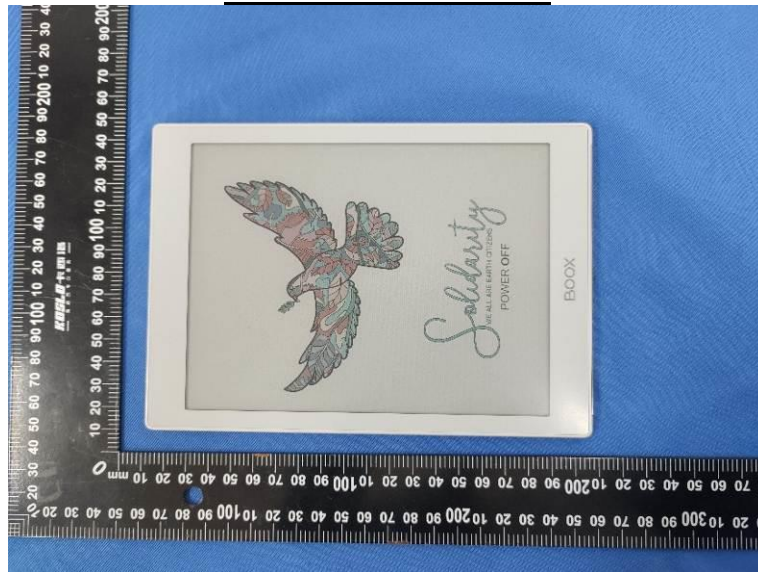
The maximum gain of antenna was 2.75dBi for 2.4GHz WIFI.

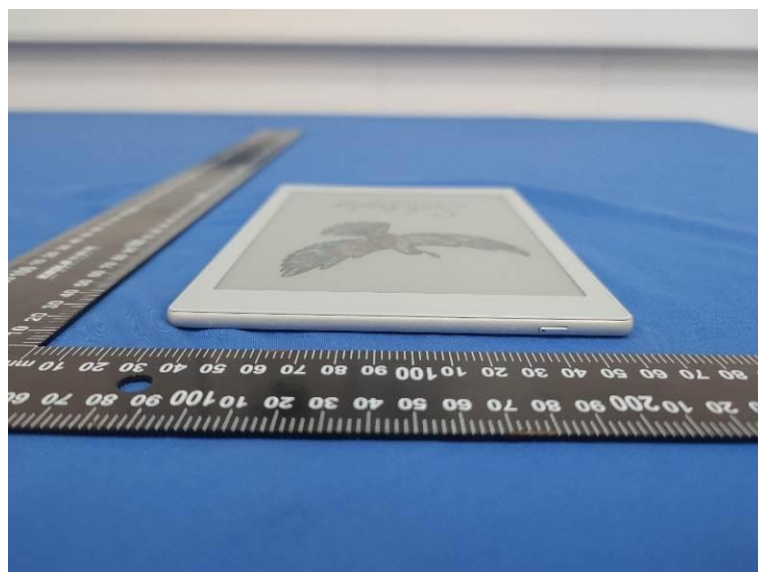
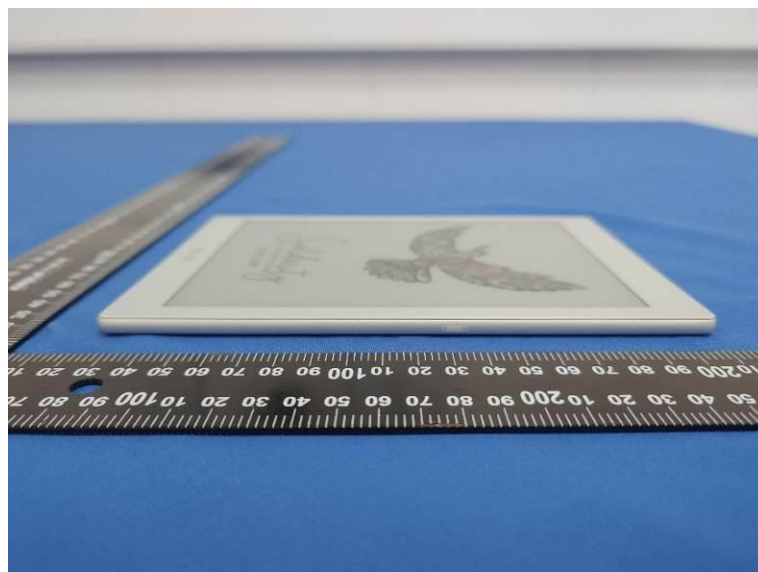
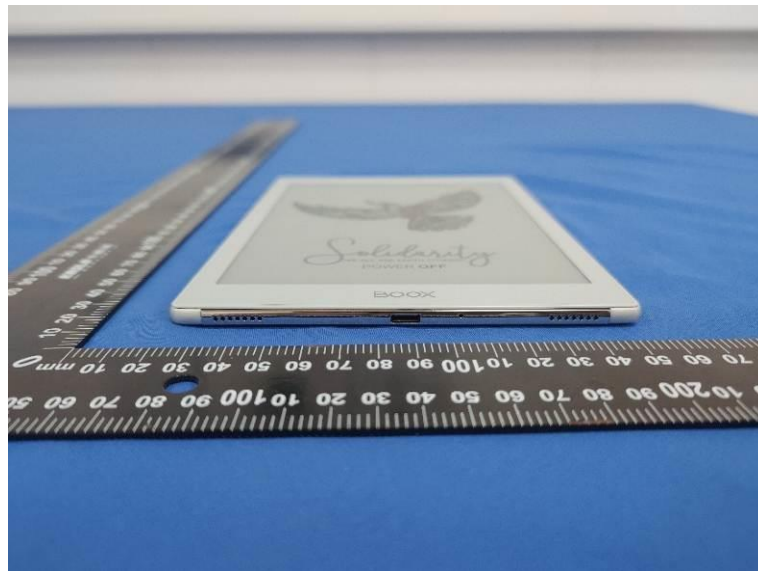
5 Test Setup Photos of the EUT



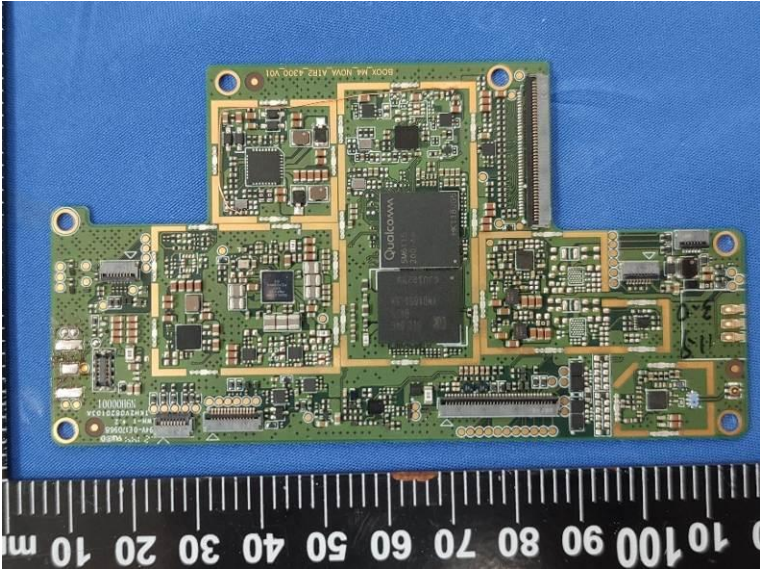
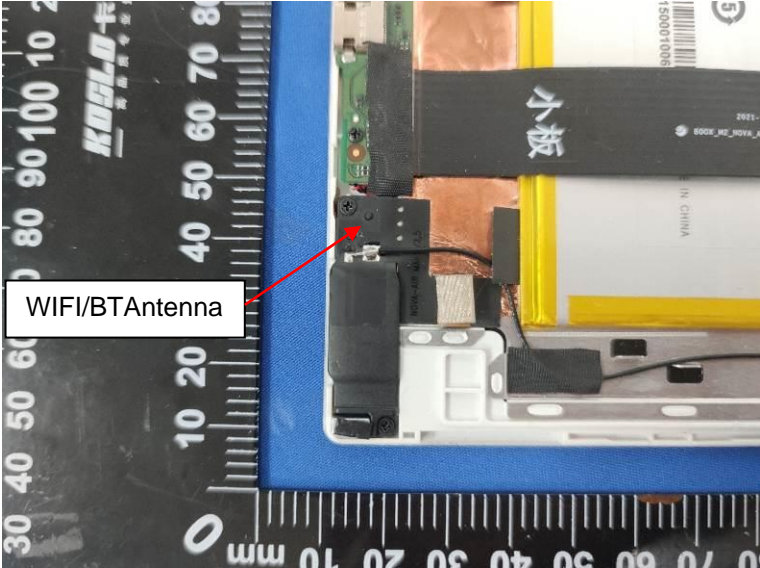
6 Photos of the EUT

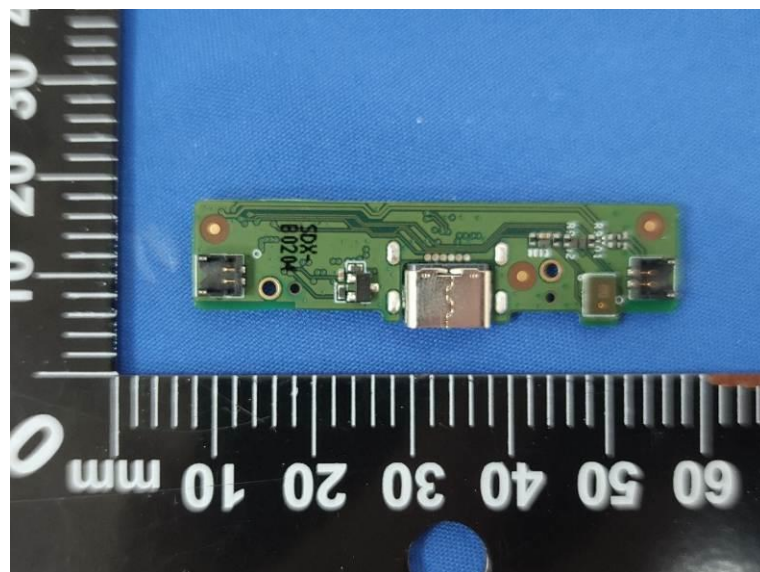
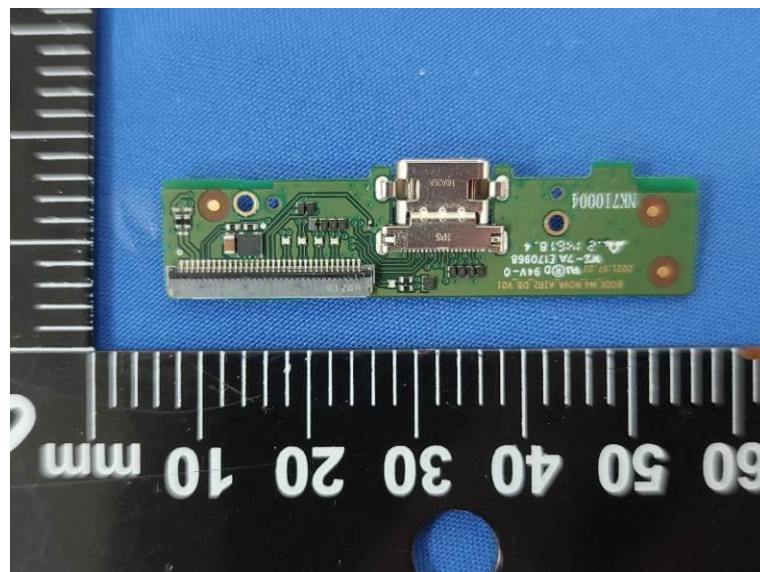
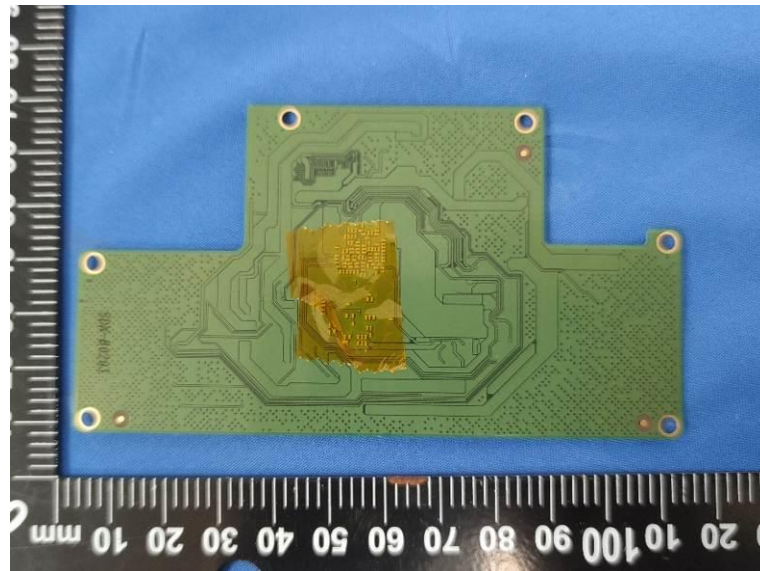
External Photos of EUT

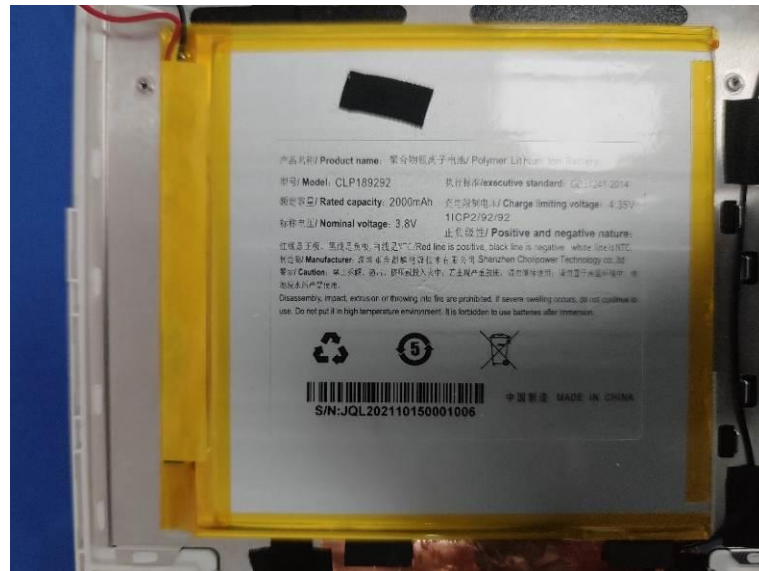




Internal Photos







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