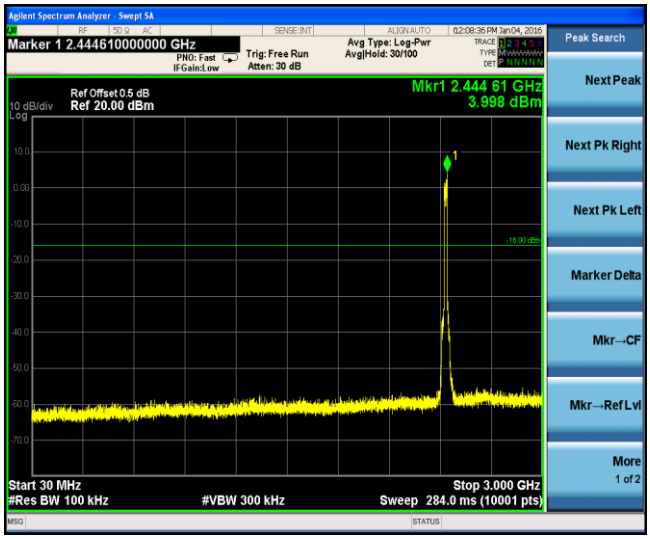
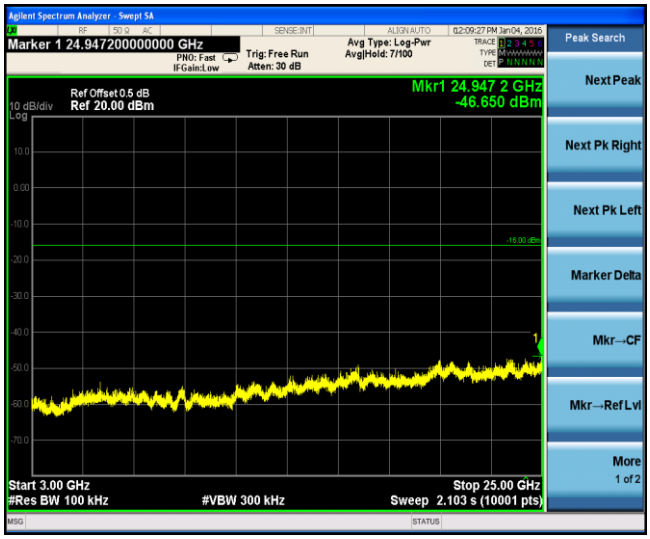
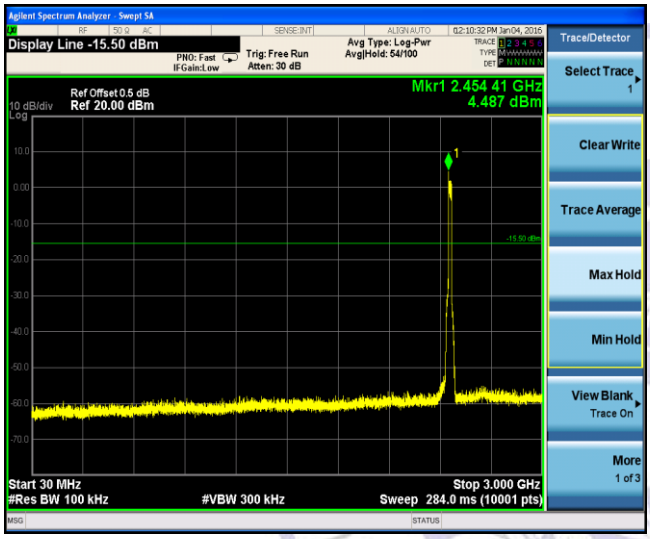
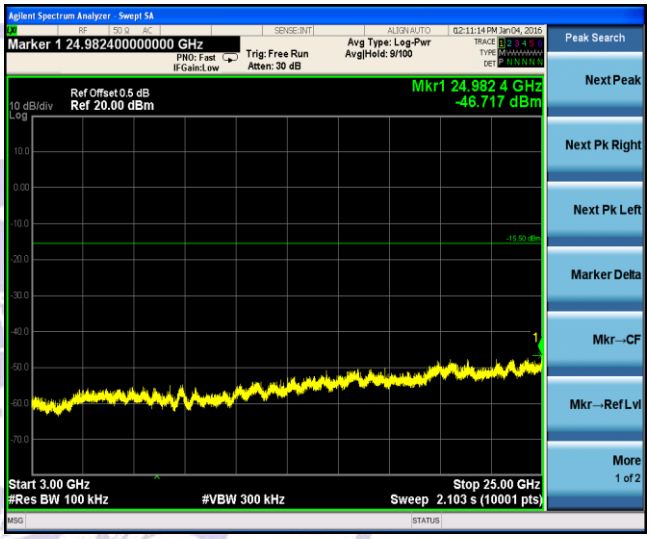


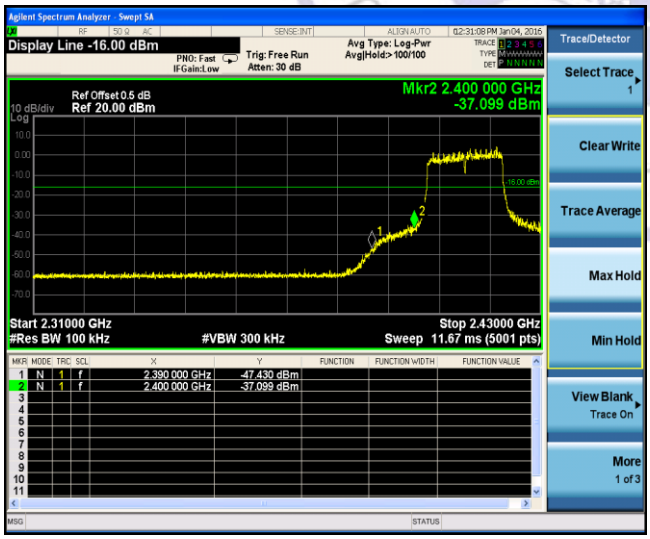


CH06





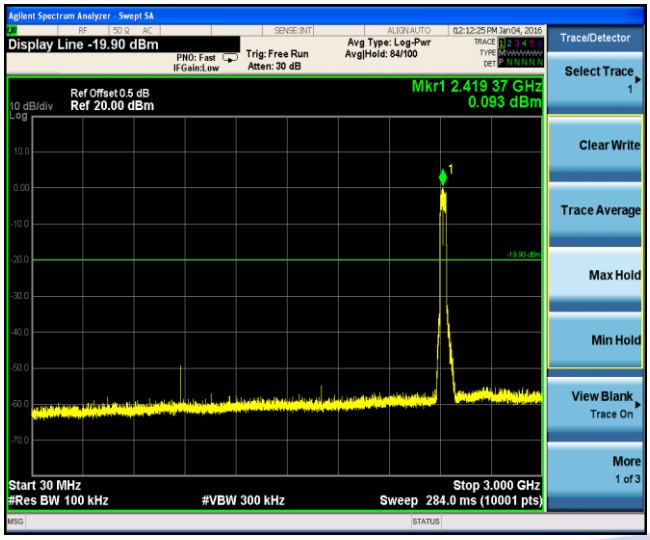
CH11

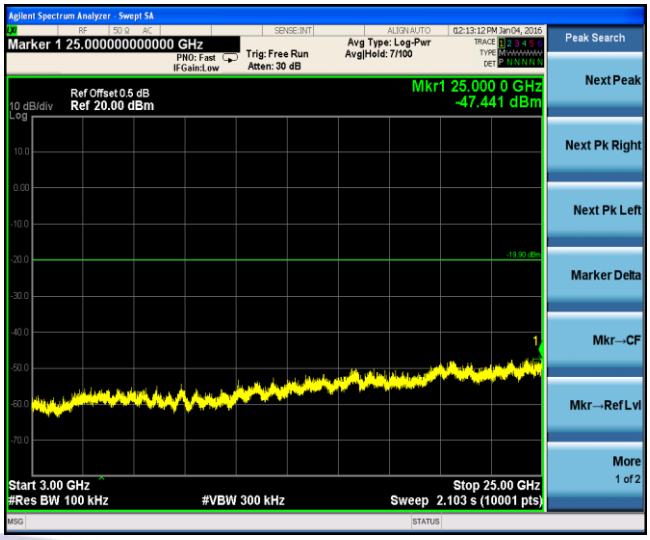


Left Band edge

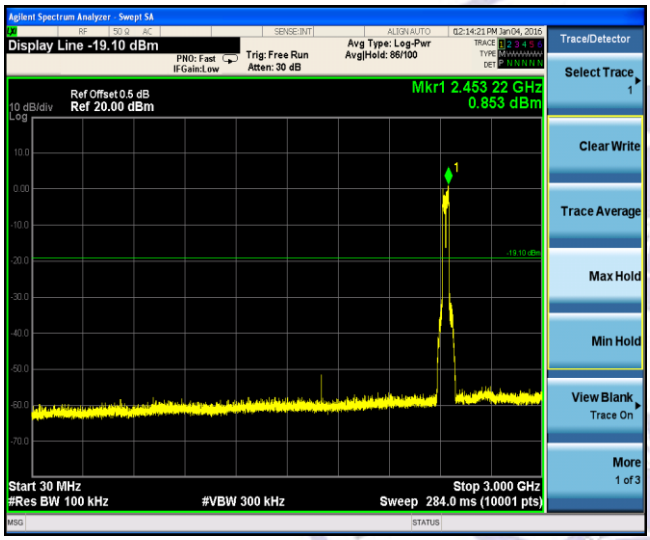
Right Band edge

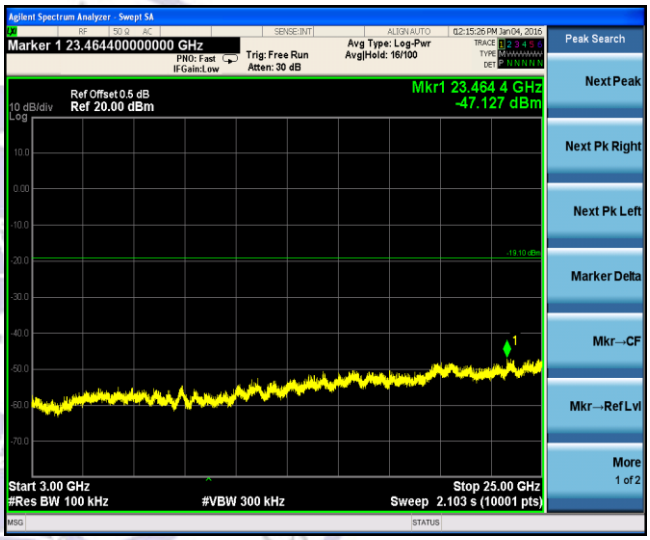
802.11n(HT40)



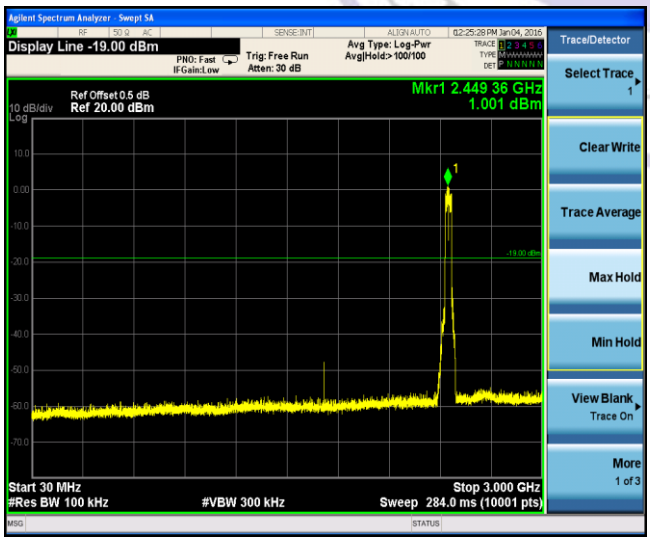


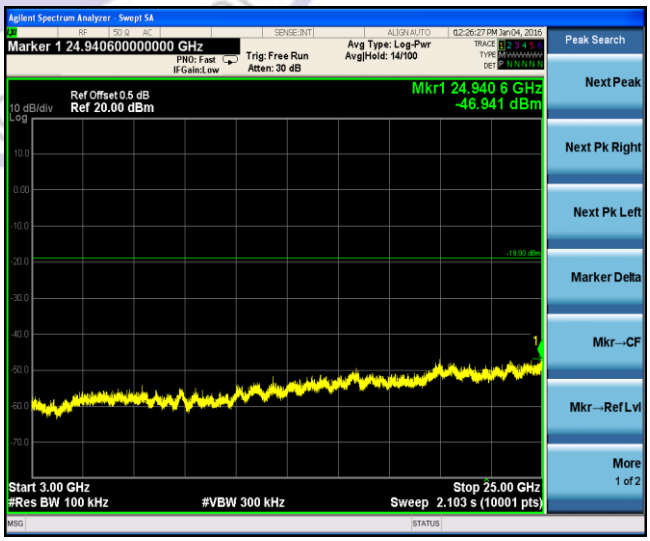
CH03



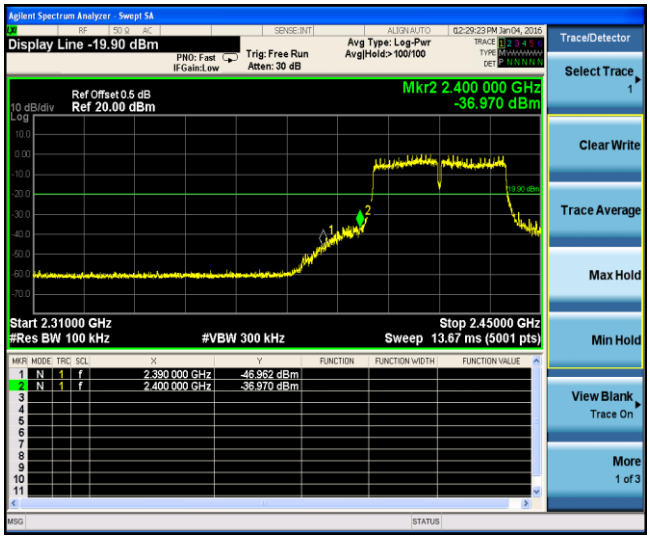


CH06





CH09

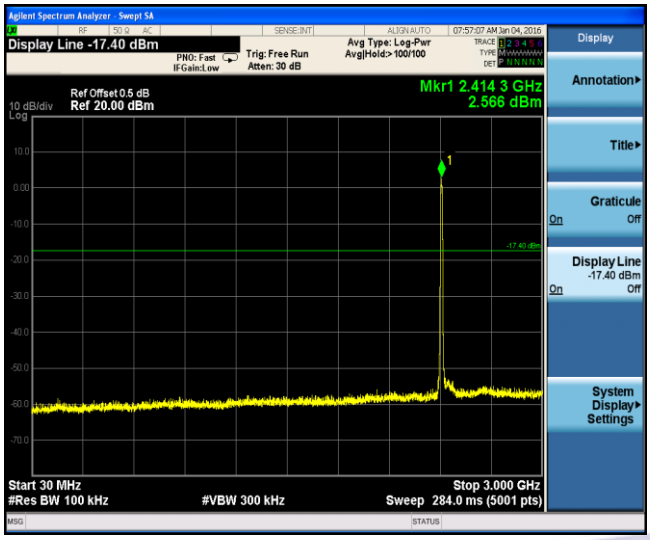


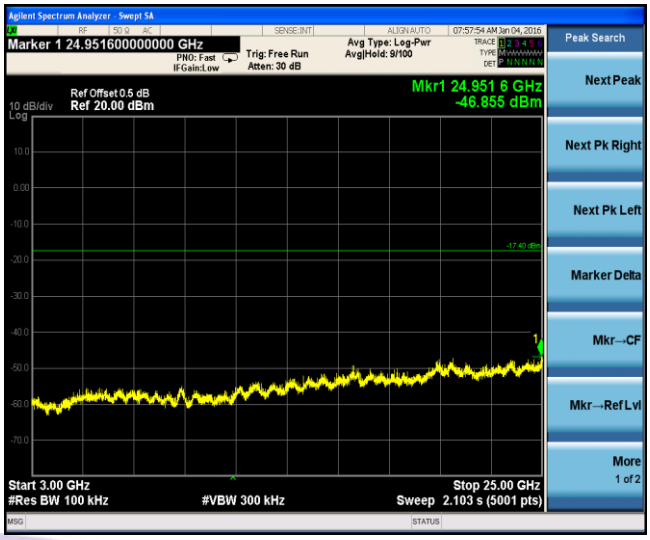
Left Band edge

Right Band edge

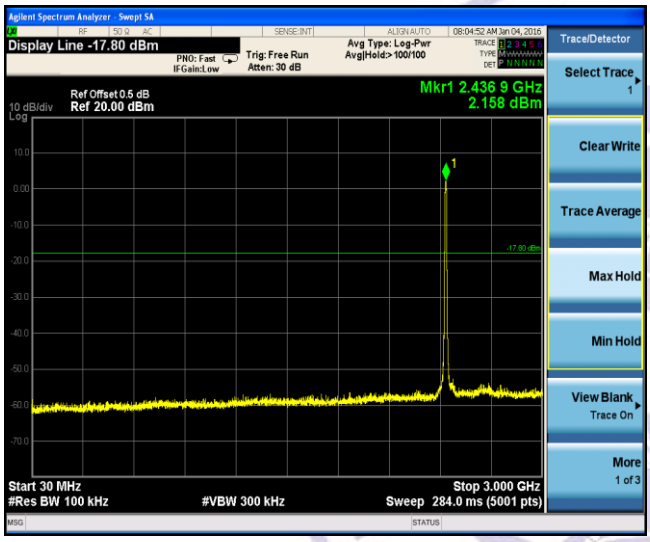
Ant2

802.11b

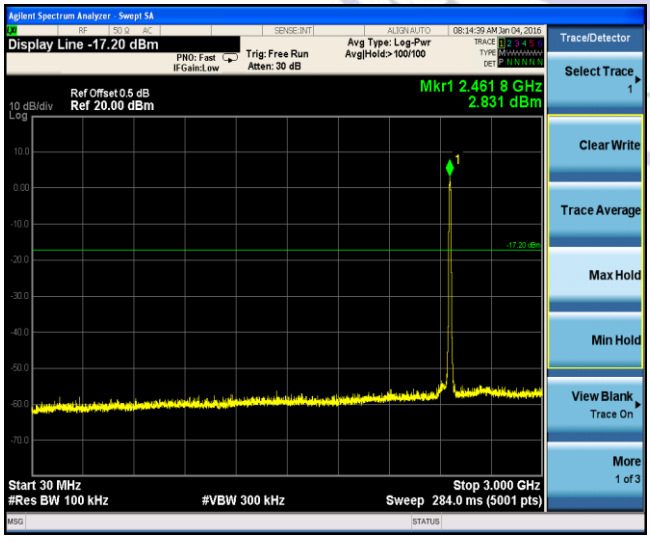


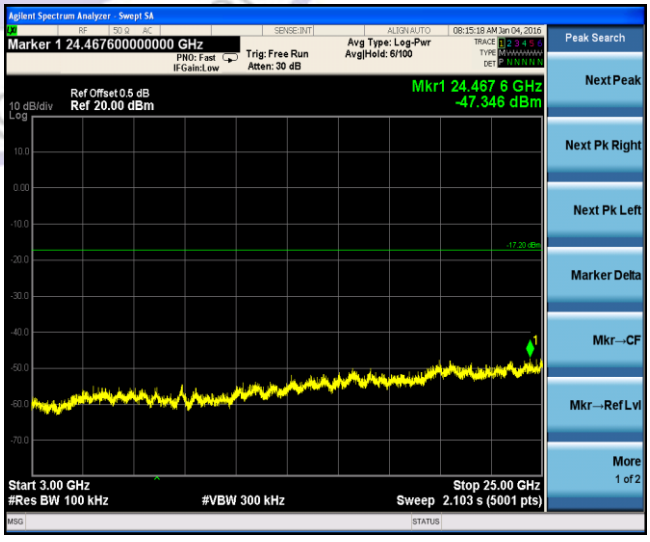


CH01

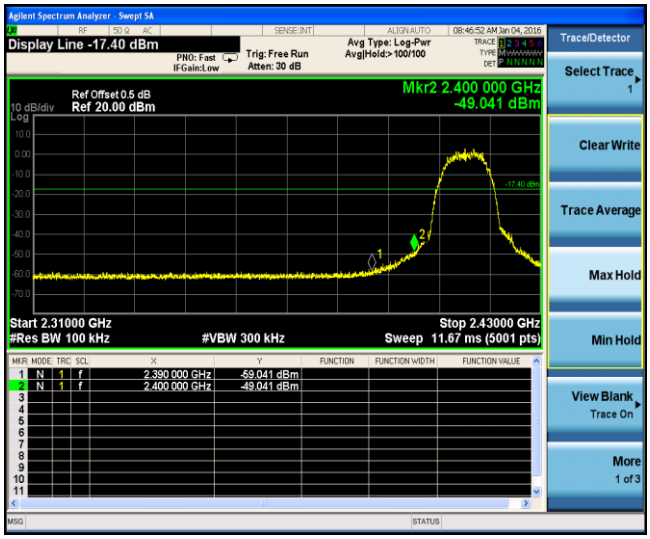


CH06

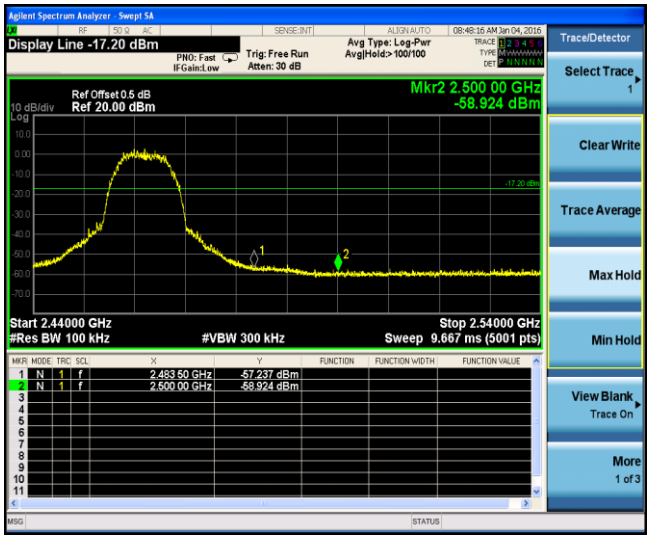




CH11

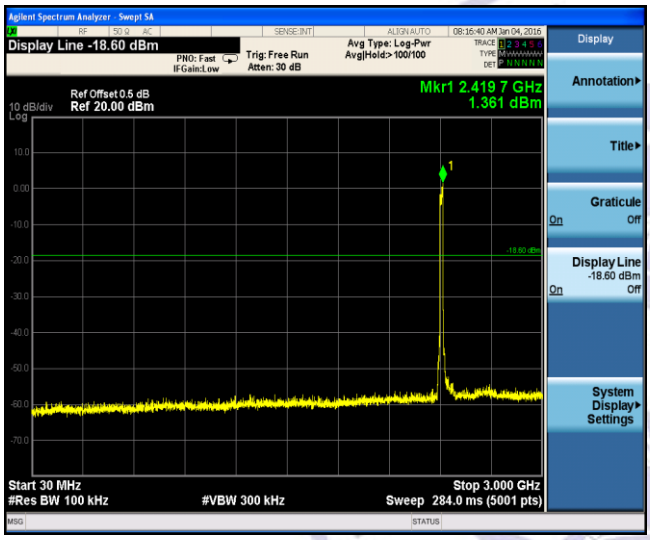


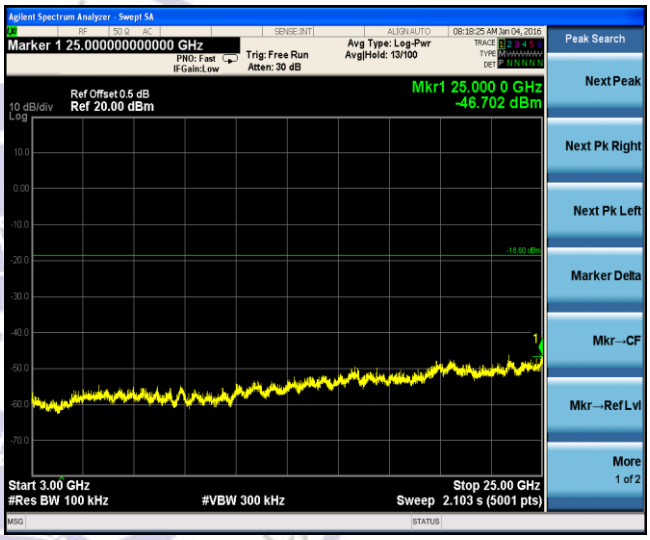
Left Band edge



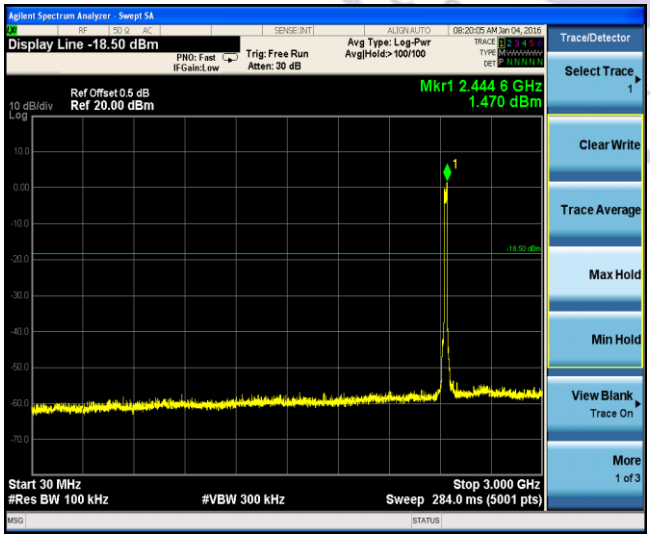
Right Band edge

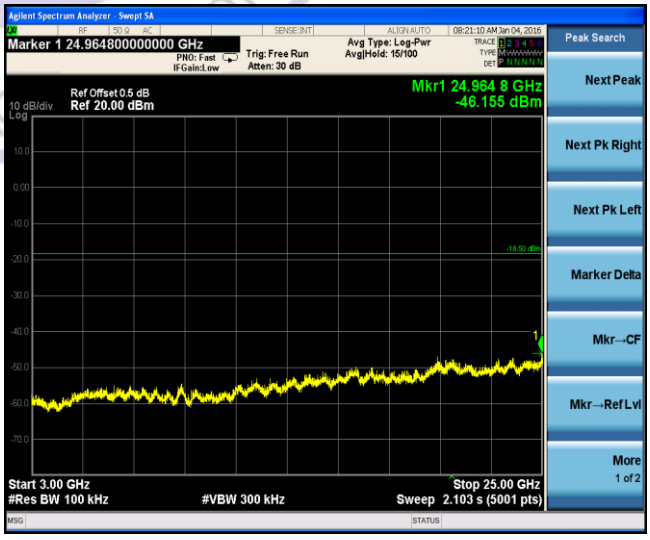
802.11g



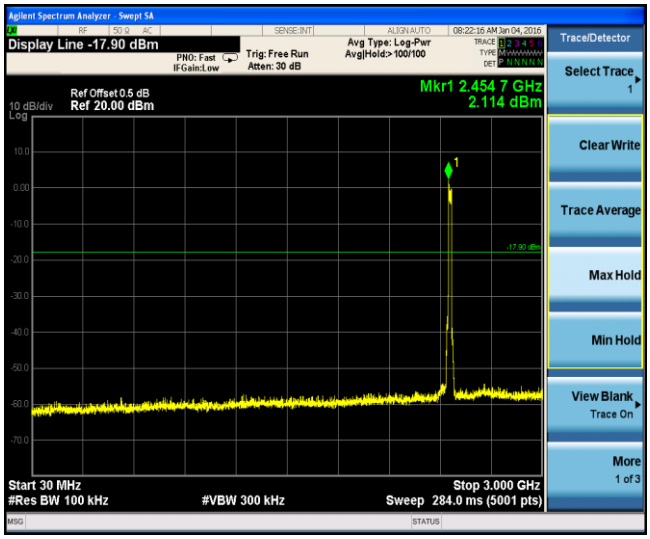


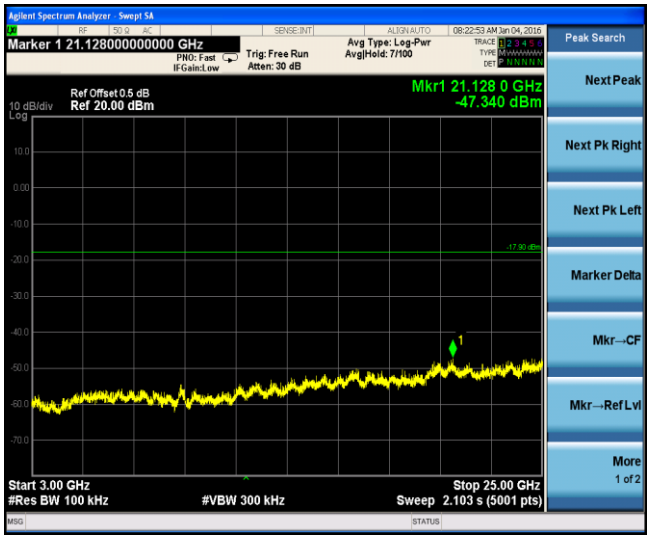
CH01



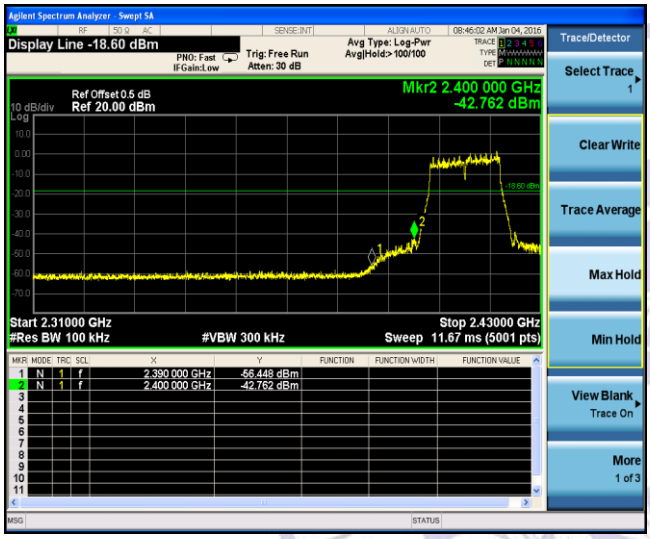


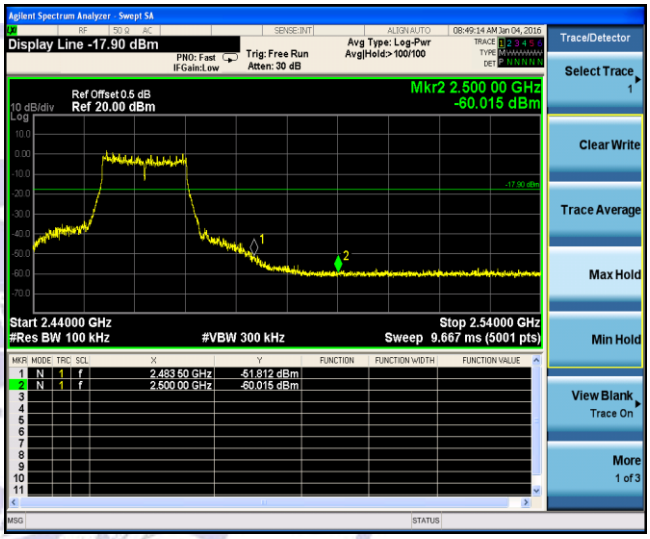
CH06





CH11

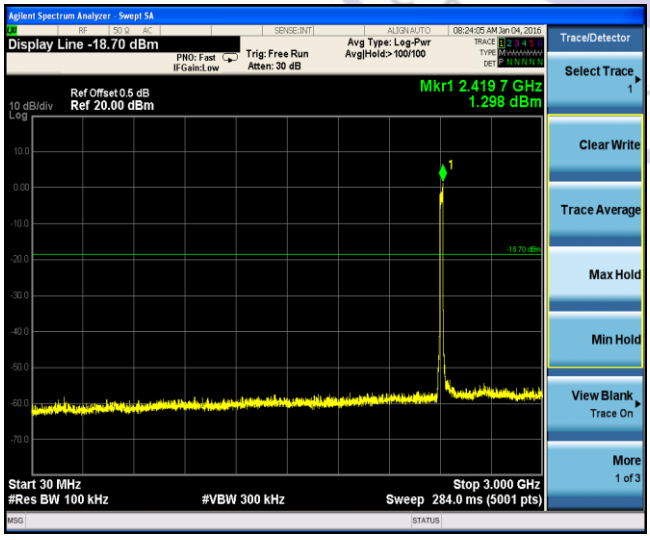


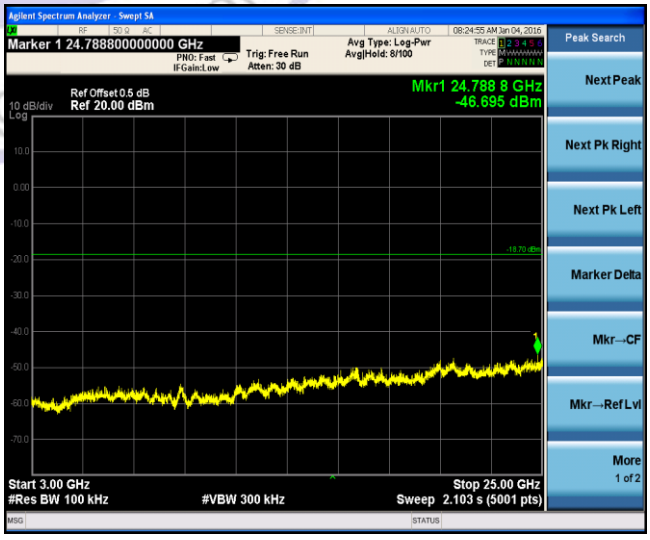


Left Band edge

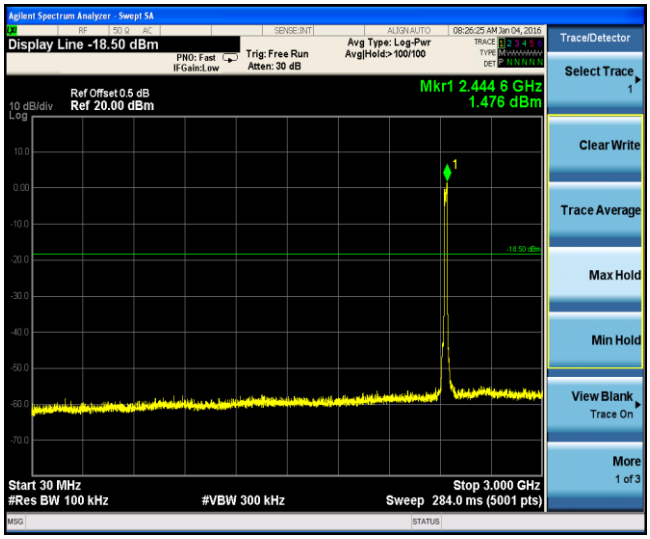
Right Band edge

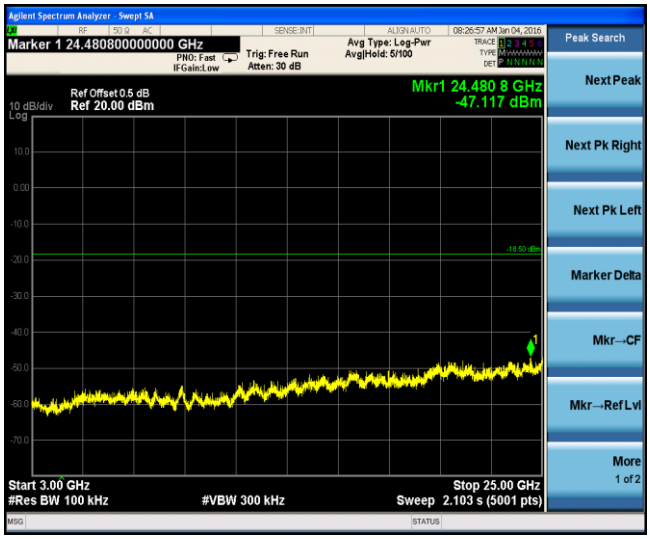
802.11n(HT20)



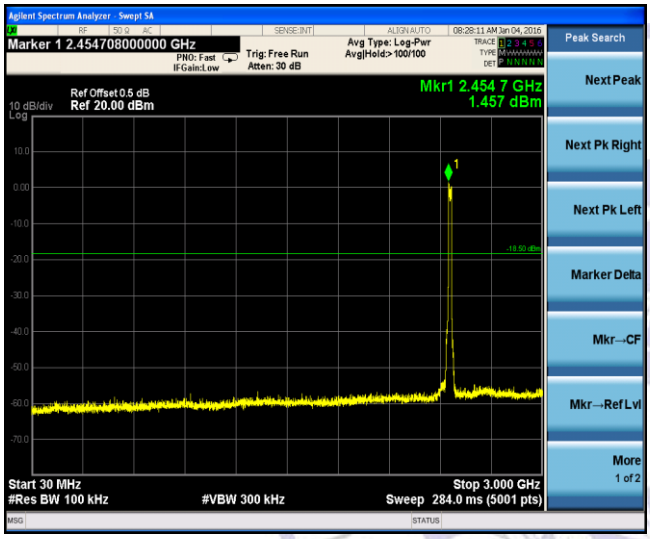


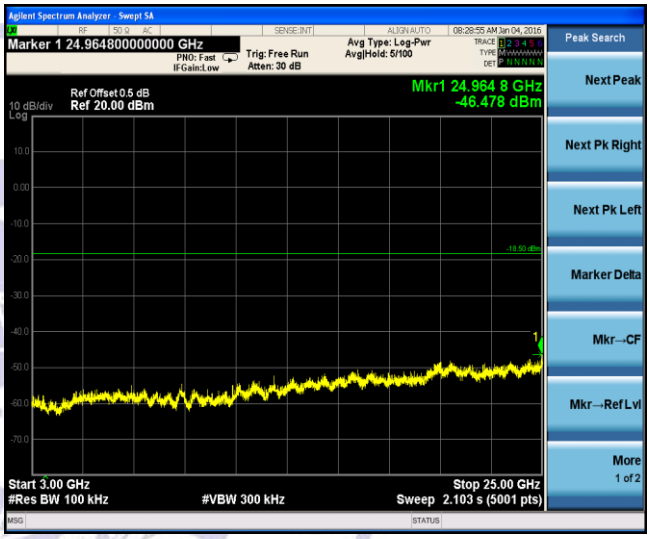
CH01



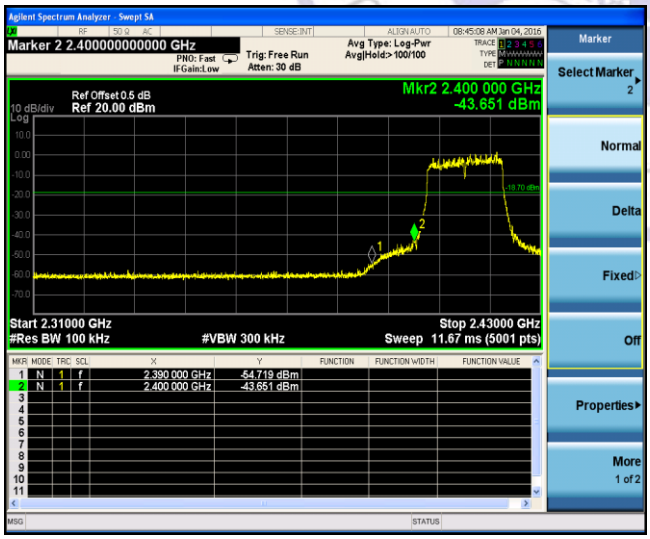


CH06

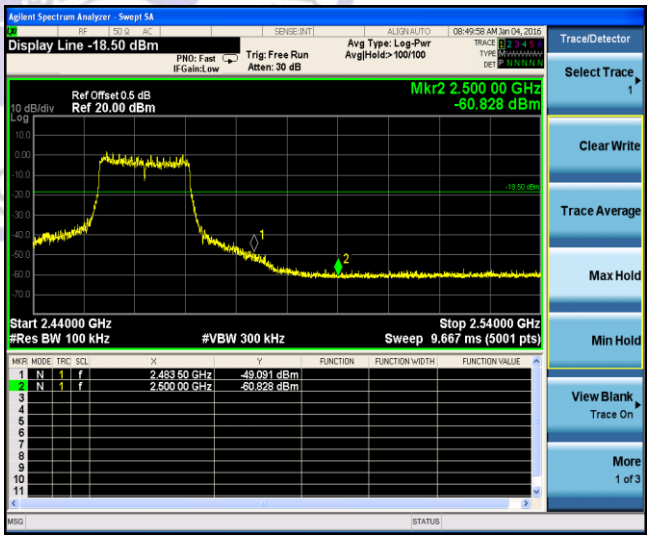




CH11

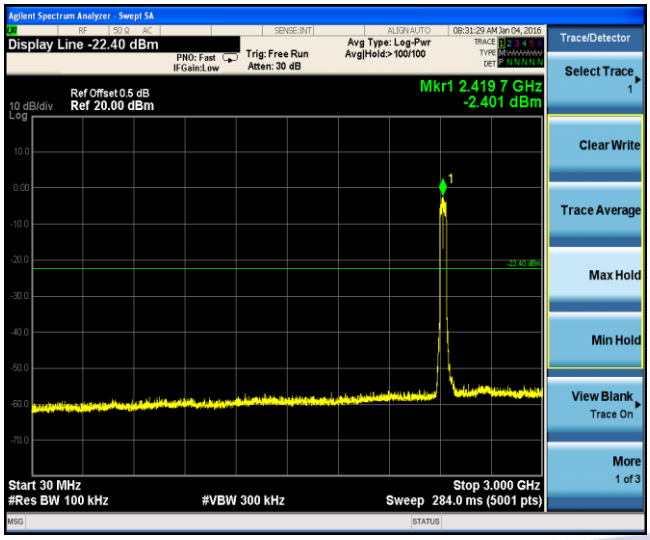


Left Band edge

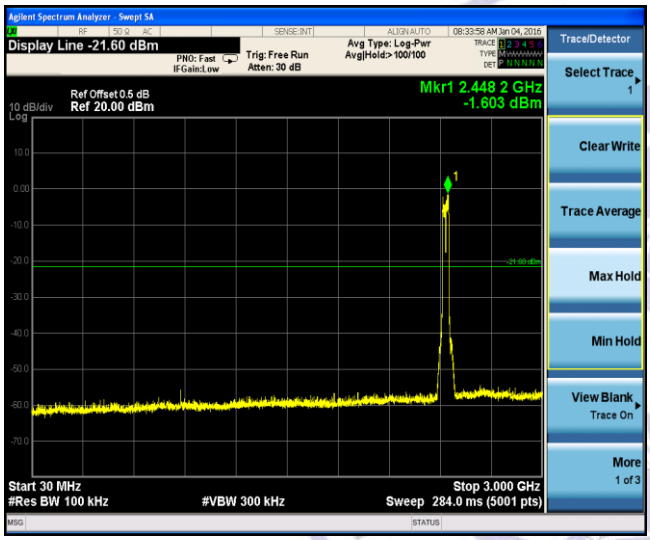


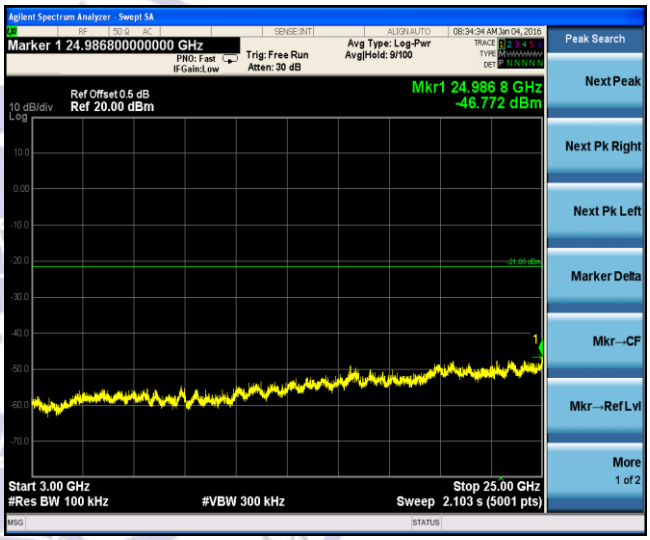
Right Band edge

802.11n(HT40)

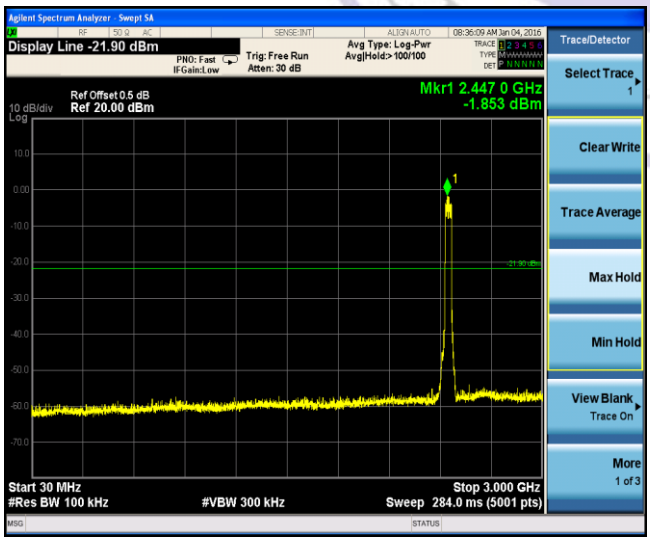


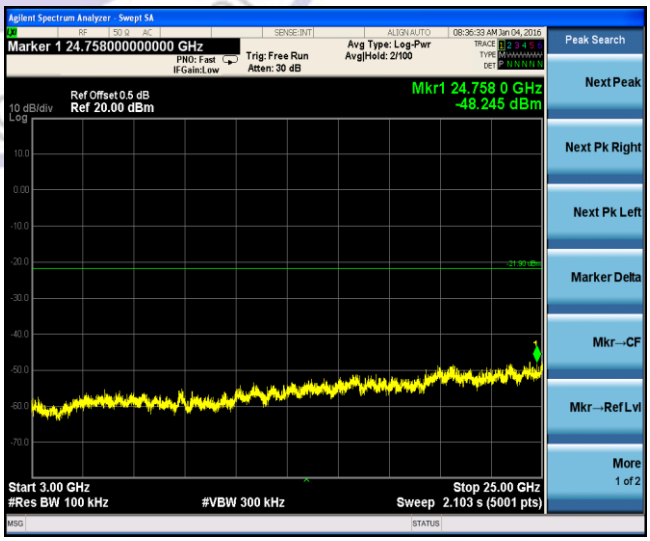
CH03



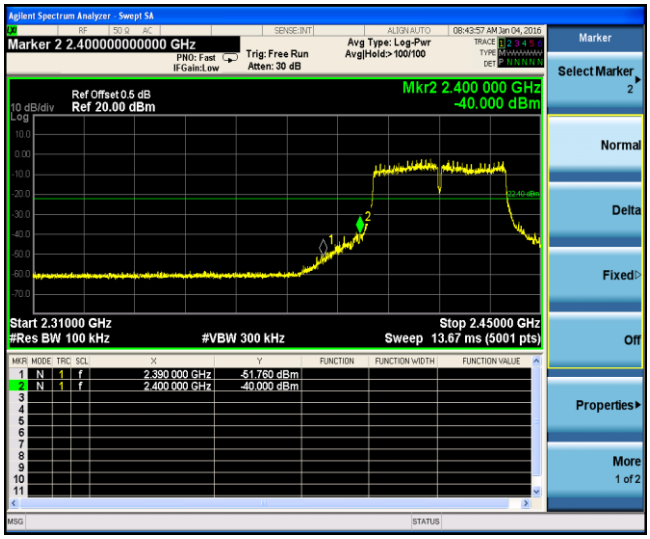


CH06

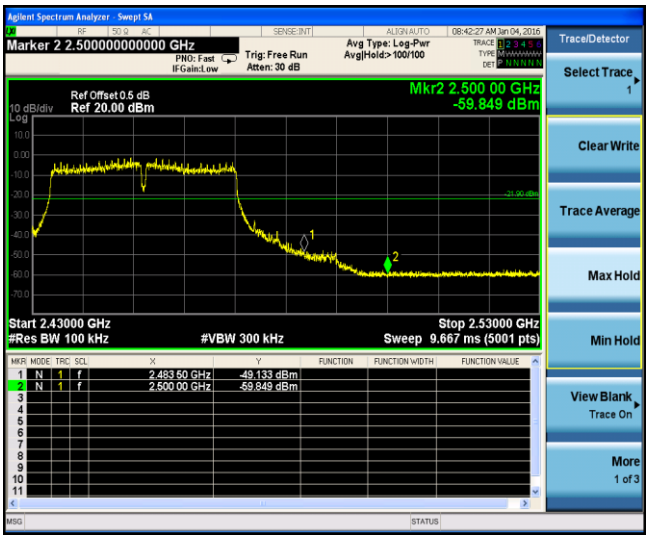




CH09



Left Band edge



Right Band edge

3.7. Antenna Requirement

Standard Applicable

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

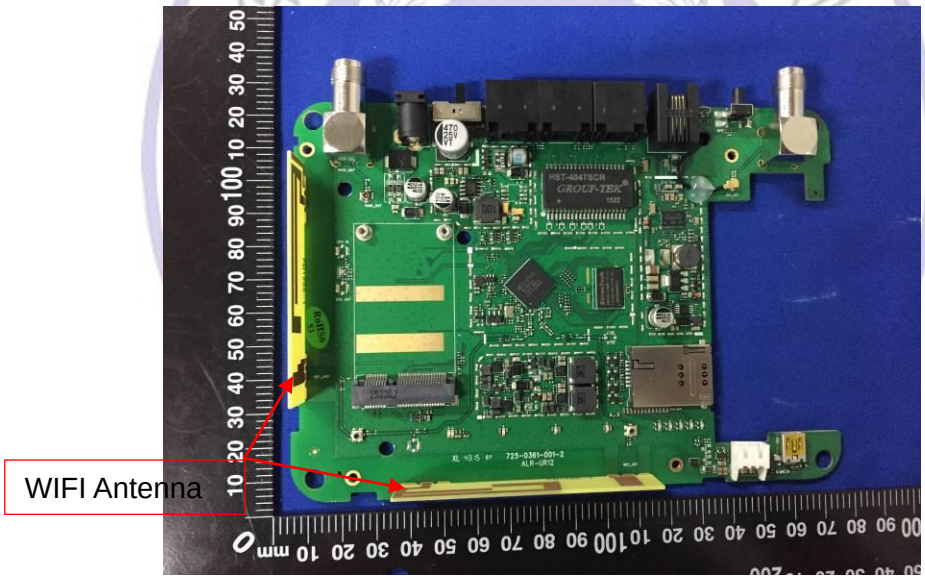
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit 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 integrated antenna, the maximum gain of WIFI antenna was 2dBi.



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