

Left bandedge

Right bandedge

802.11n(HT40)

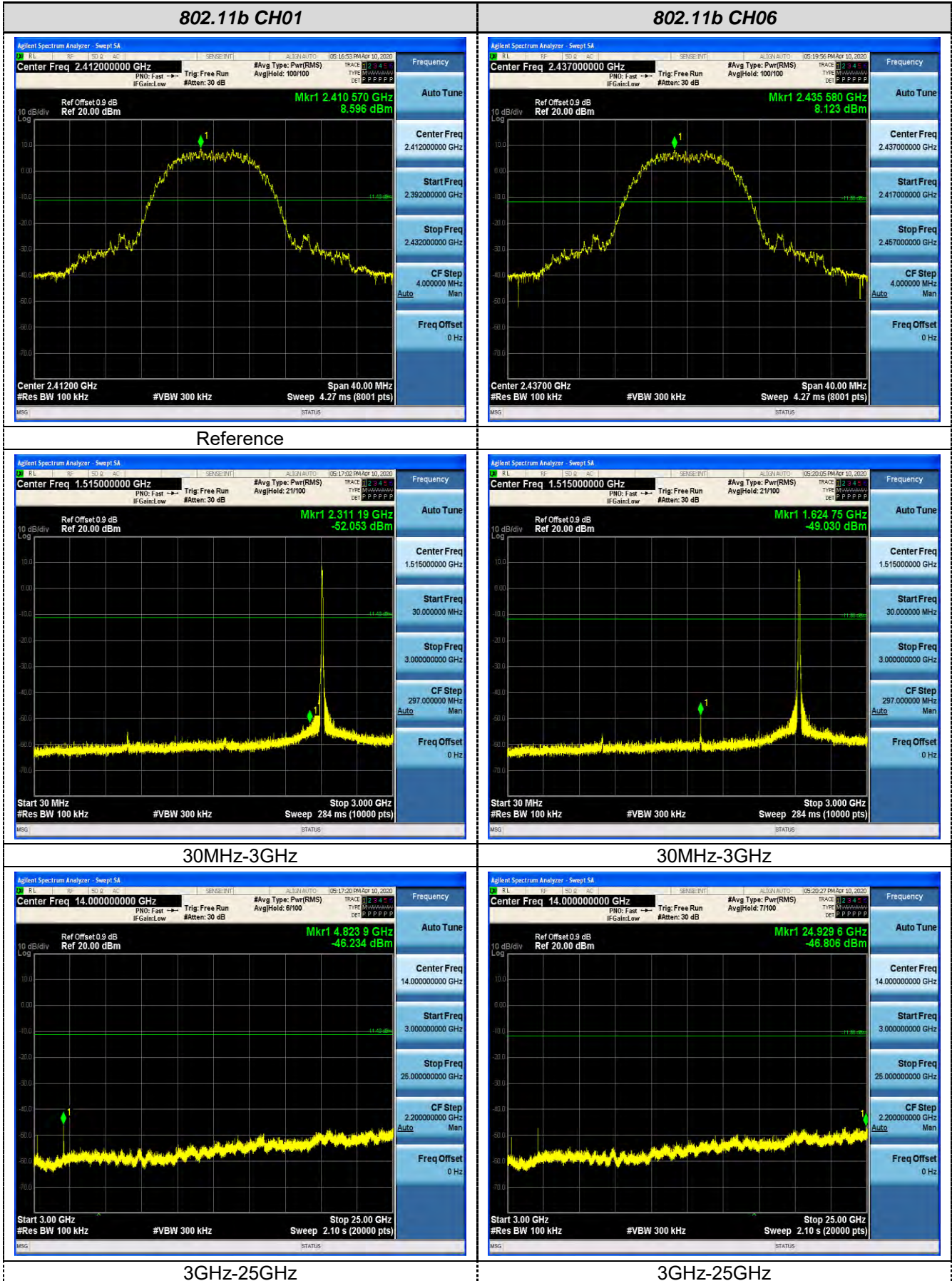


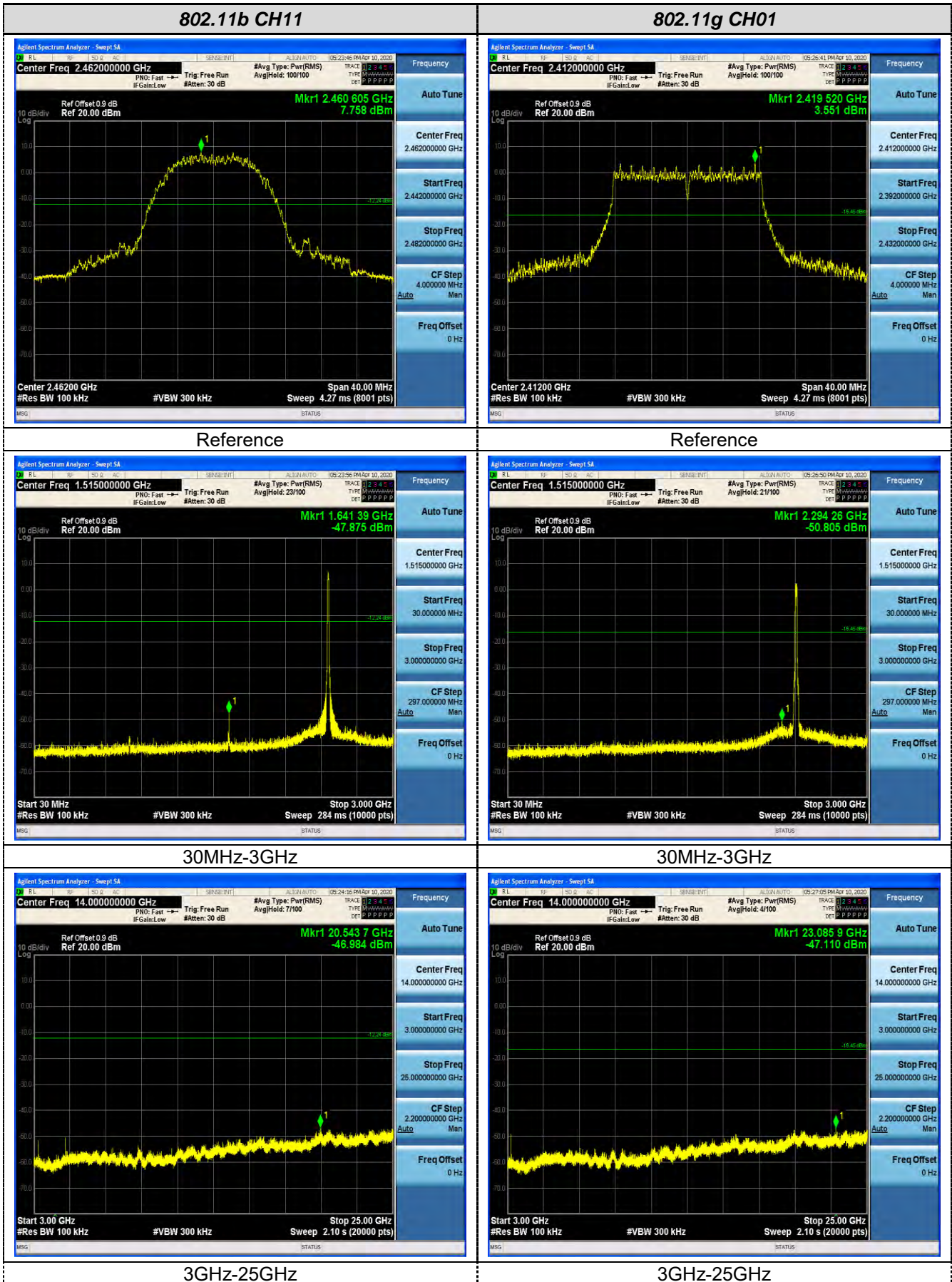
Left bandedge

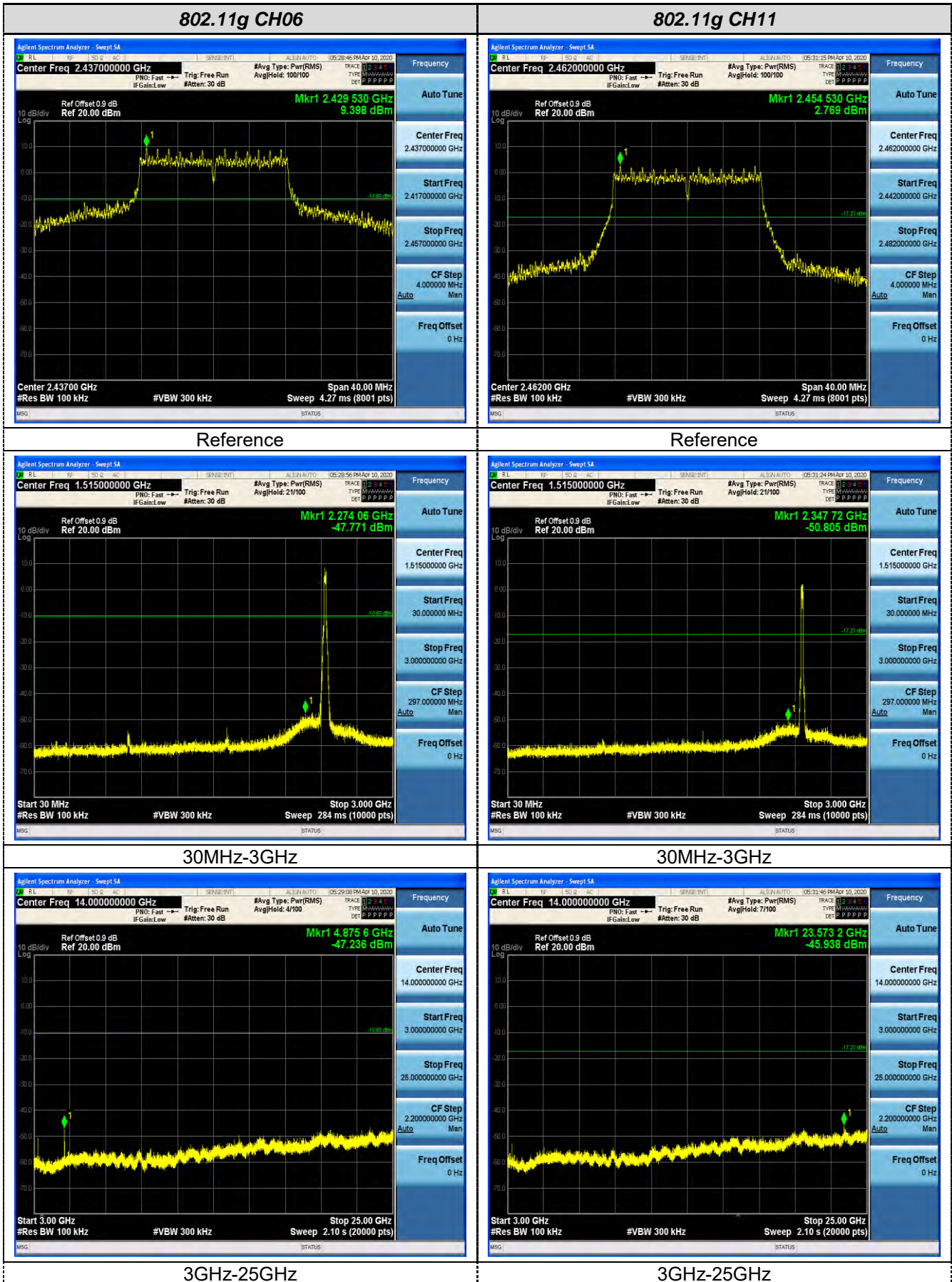


Right bandedge

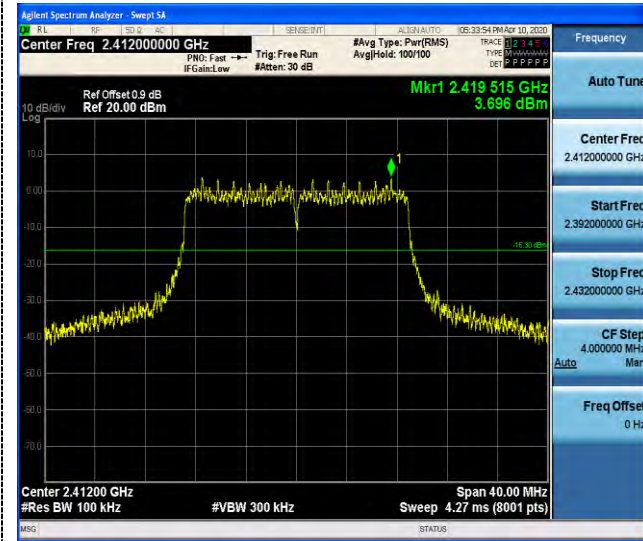
Ant2



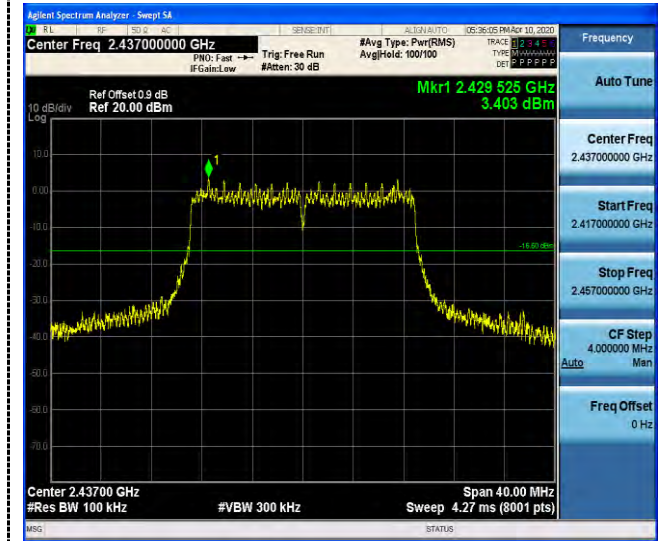




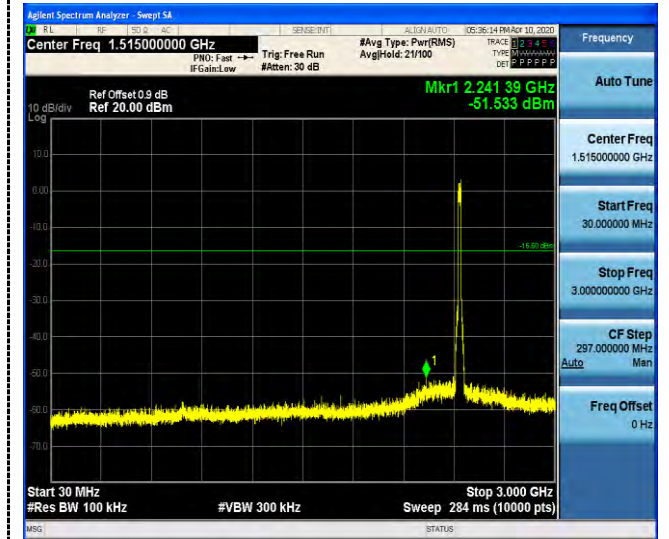
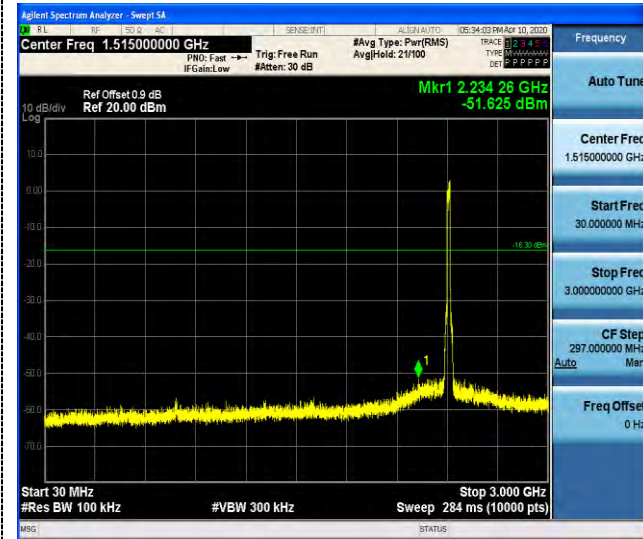
802.11n(HT20) CH01



802.11n(HT20) CH06

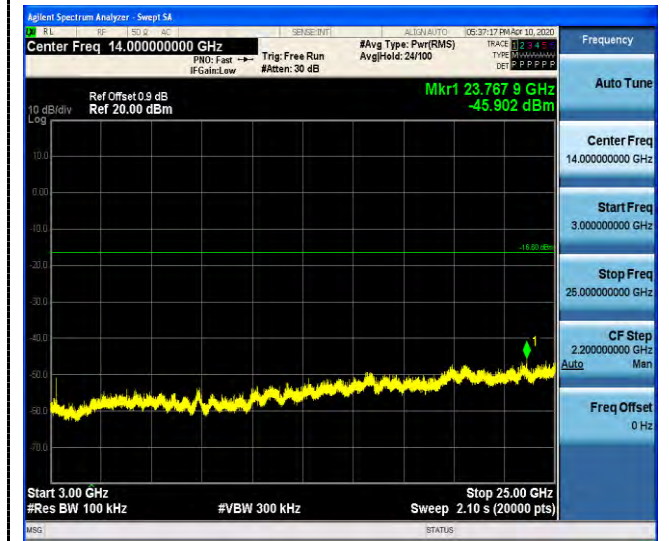
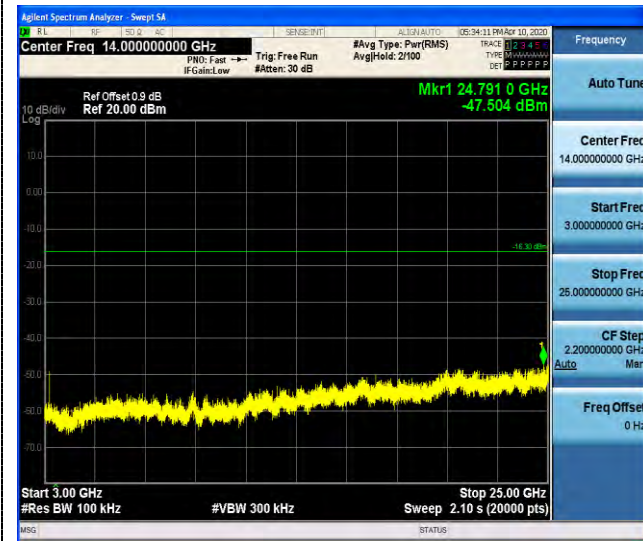


Reference



30MHz-3GHz

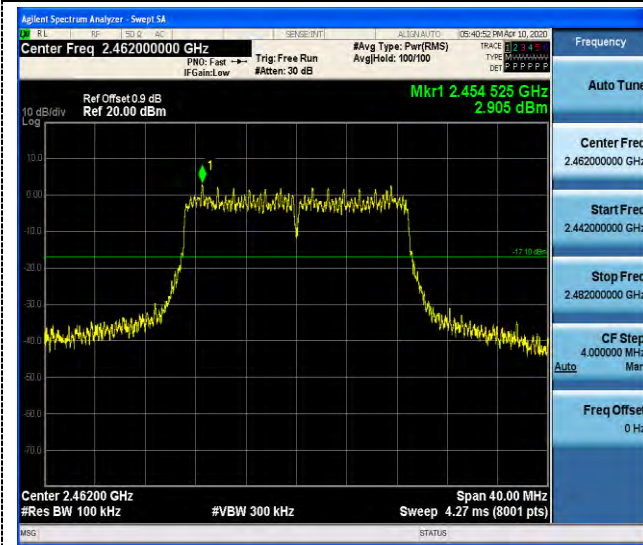
30MHz-3GHz



3GHz-25GHz

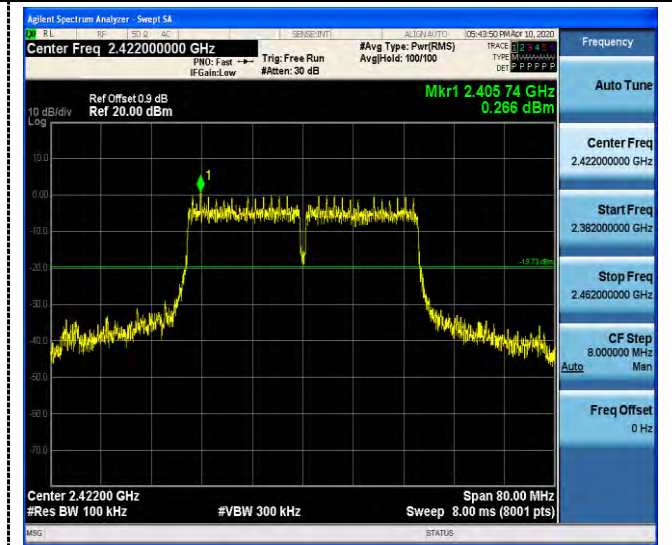
3GHz-25GHz

802.11n(HT20) CH11

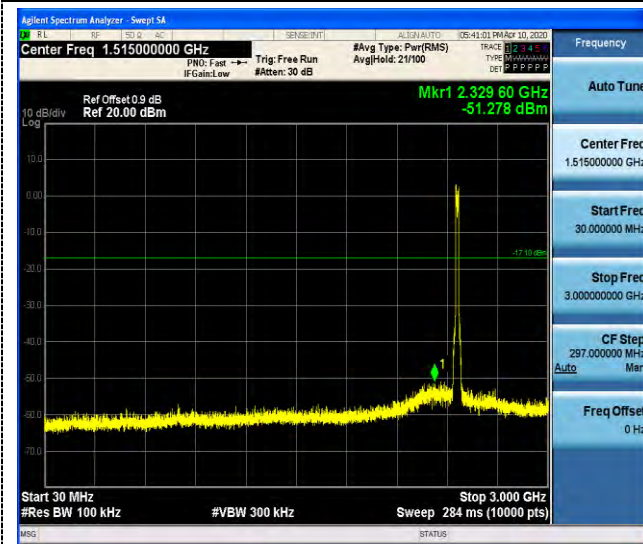


Reference

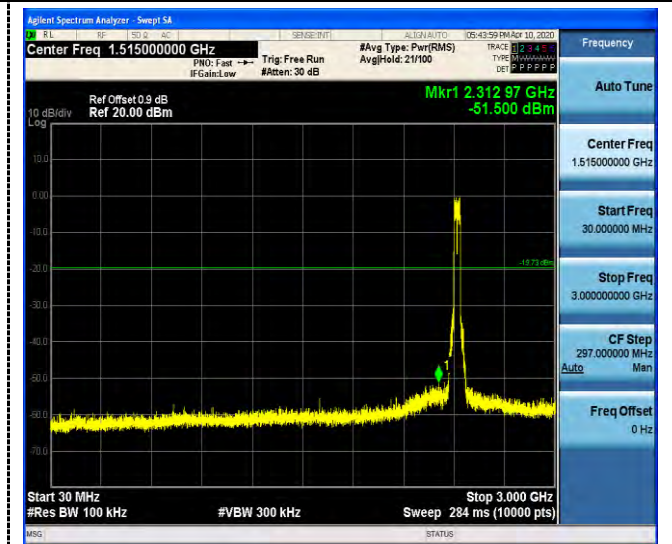
802.11n(HT40) CH03



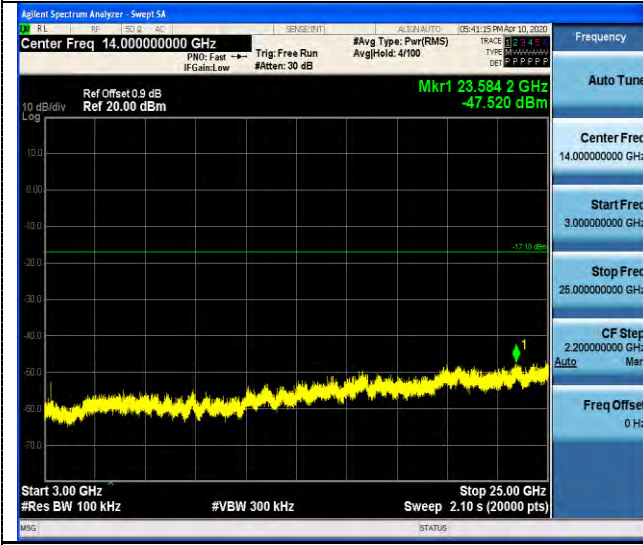
Reference



30MHz-3GHz



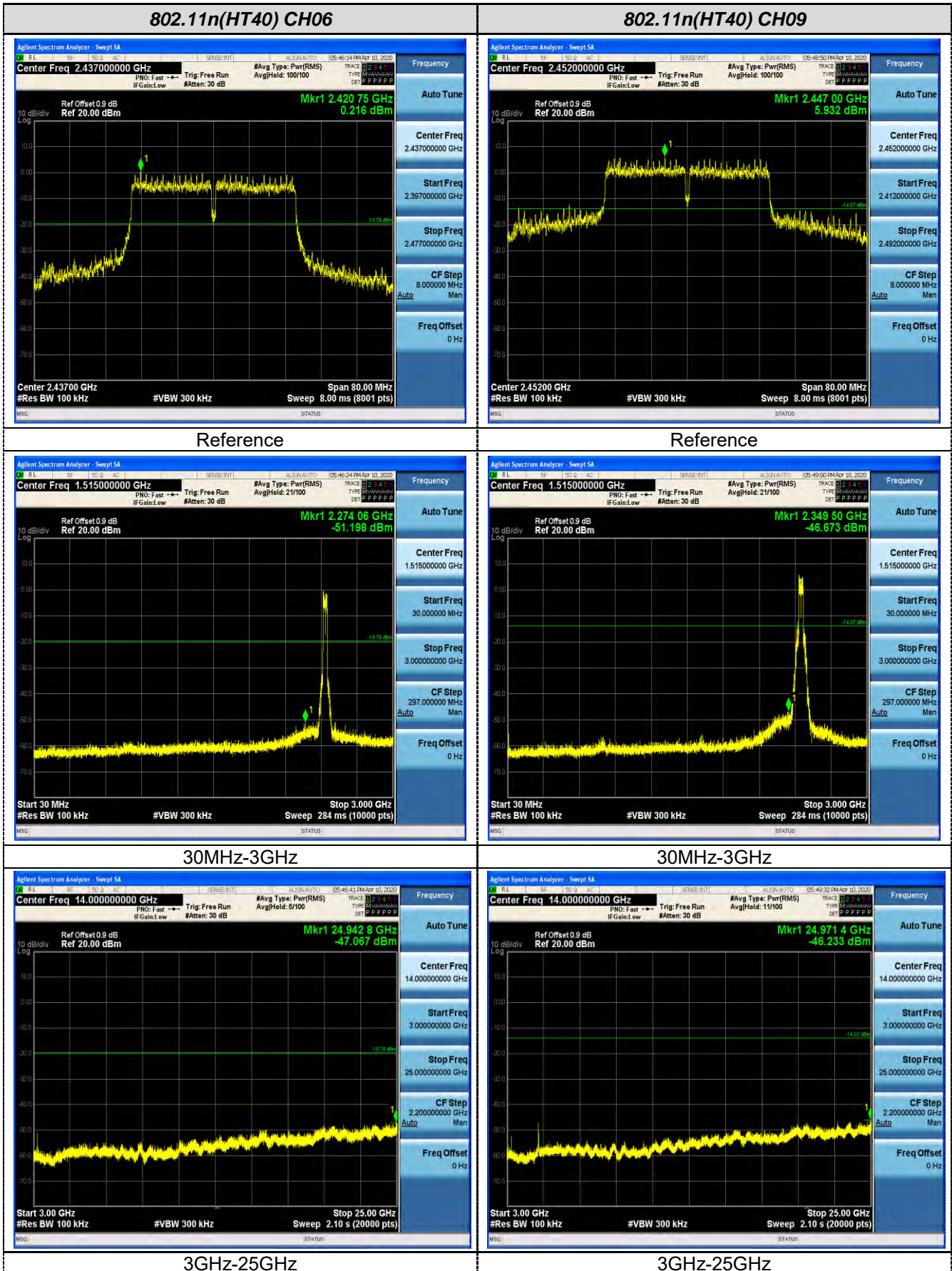
30MHz-3GHz



3GHz-25GHz

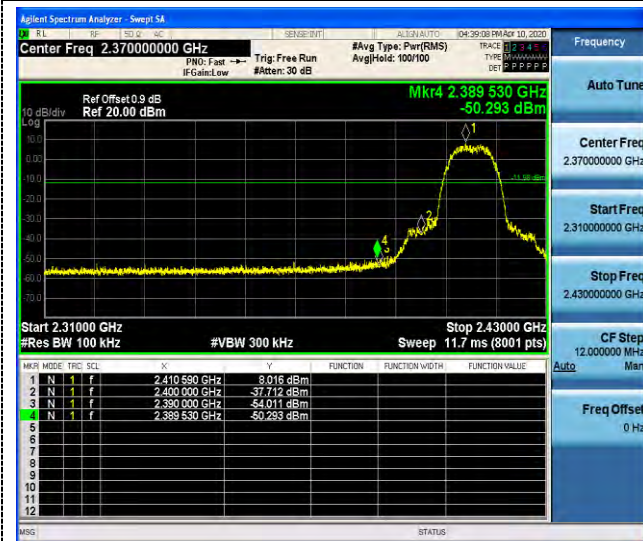


3GHz-25GHz



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

**802.11b**



Left bandedge

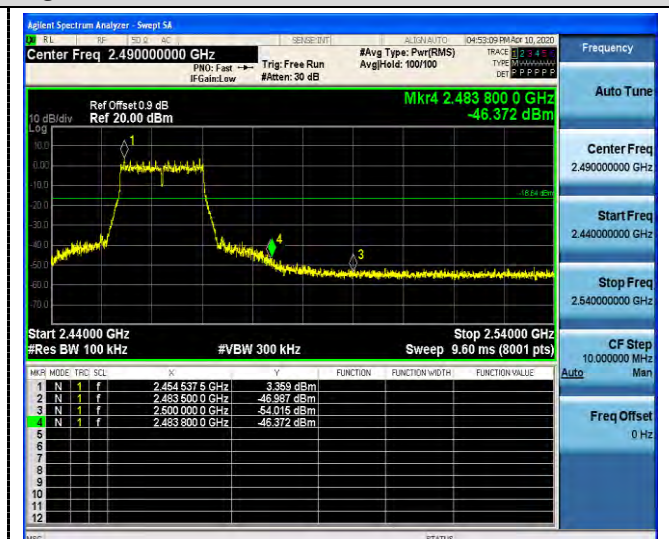


Right bandedge

**802.11g**

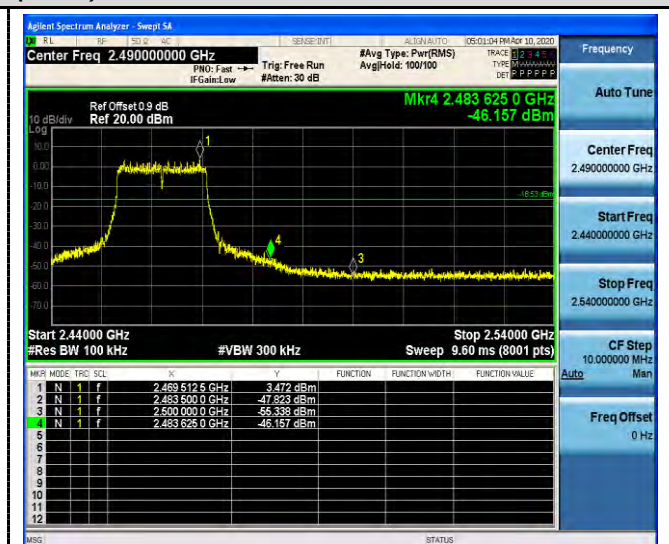


Left bandedge



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(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 3dBi for 2.4GHz WIFI.

## **5 Test Setup Photos of the EUT**

Please refer to separated files for Test Setup Photos of the EUT.

## **6 External Photos of the EUT**

Please refer to separated files for External Photos of the EUT.

## **7 Internal Photos of the EUT**

Please refer to separated files for Internal Photos of the EUT.

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