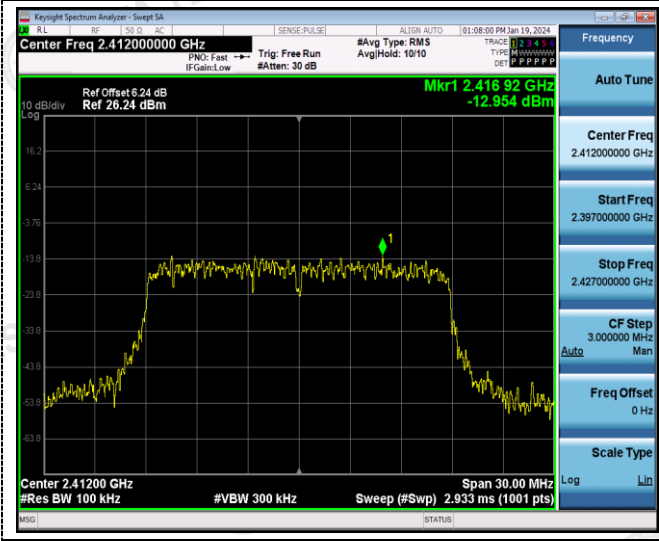


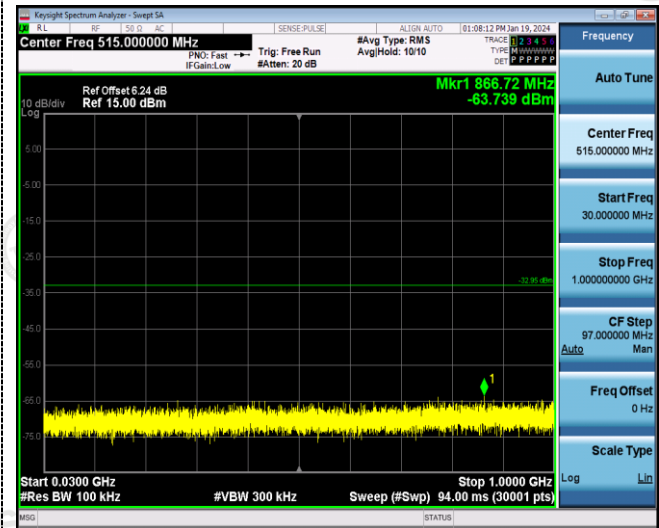
802.11n20



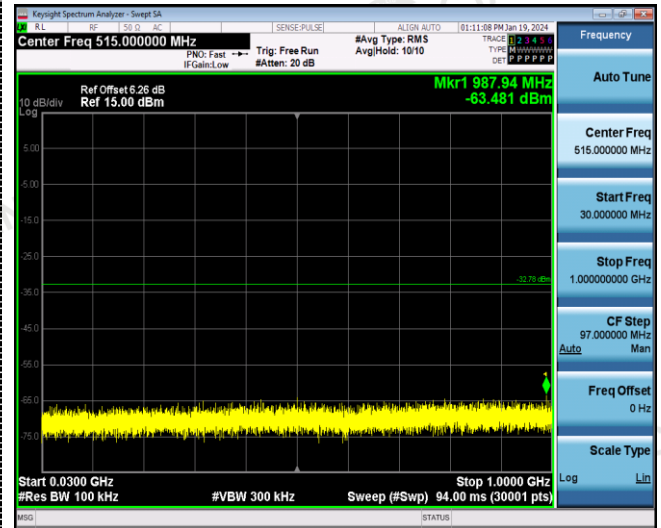
Reference
CH01



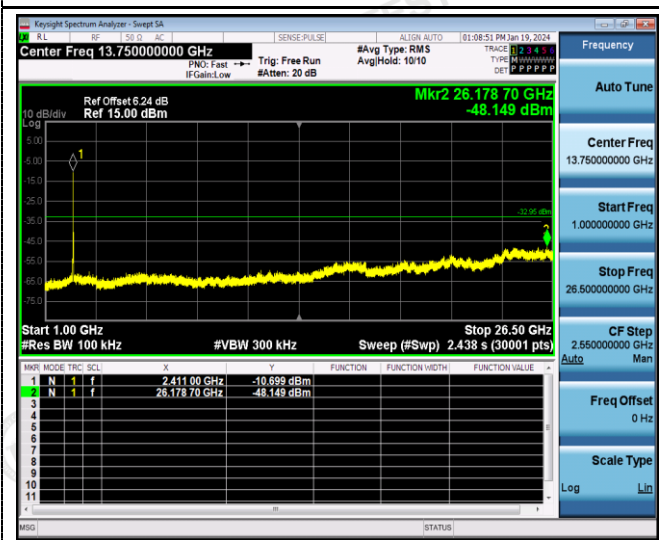
Reference
CH06



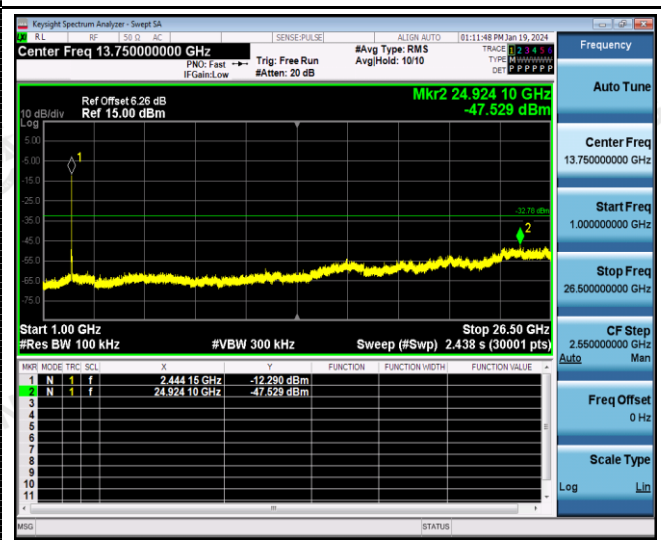
30MHz-3GHz



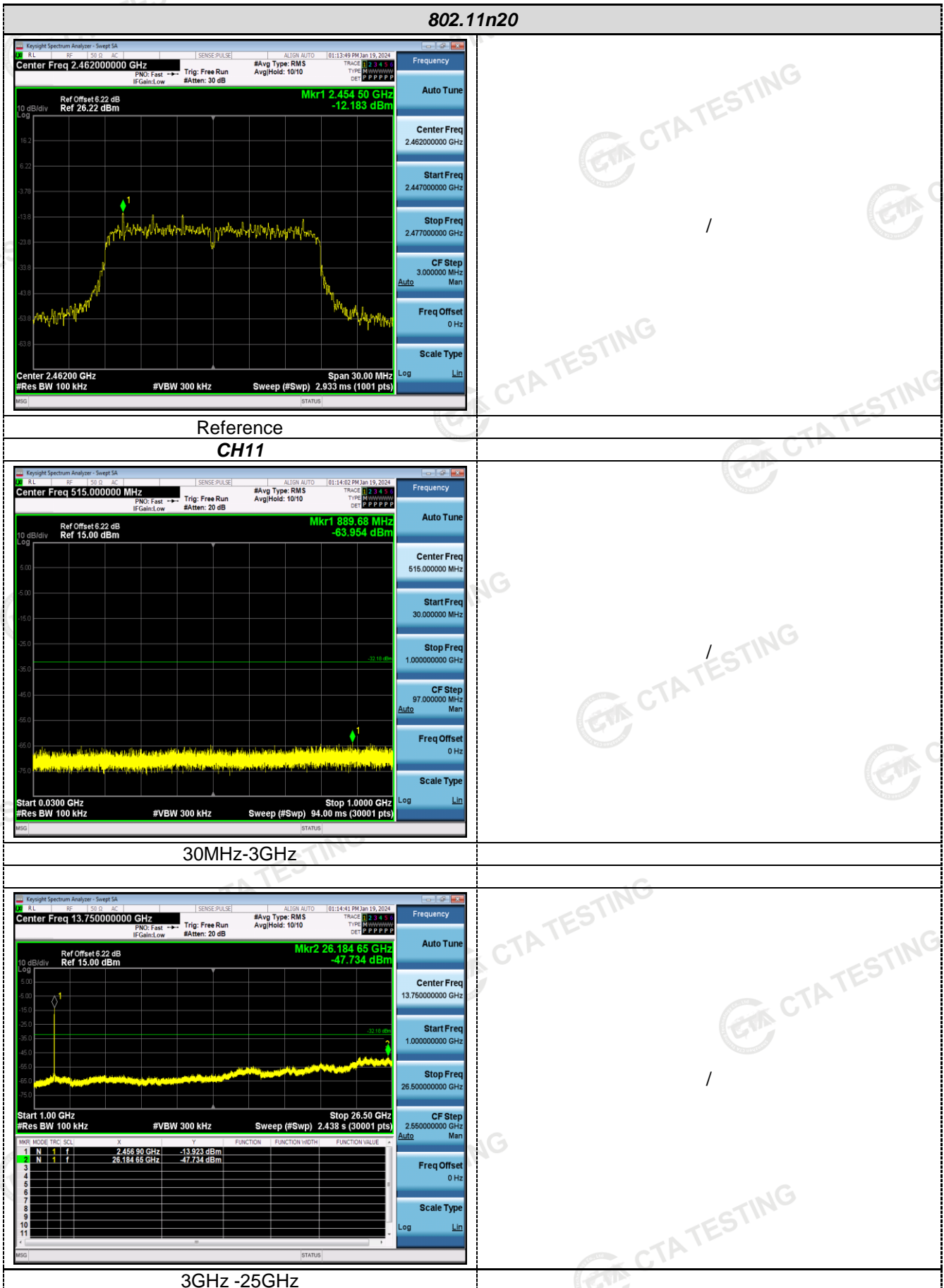
30MHz-3GHz



3GHz -25GHz

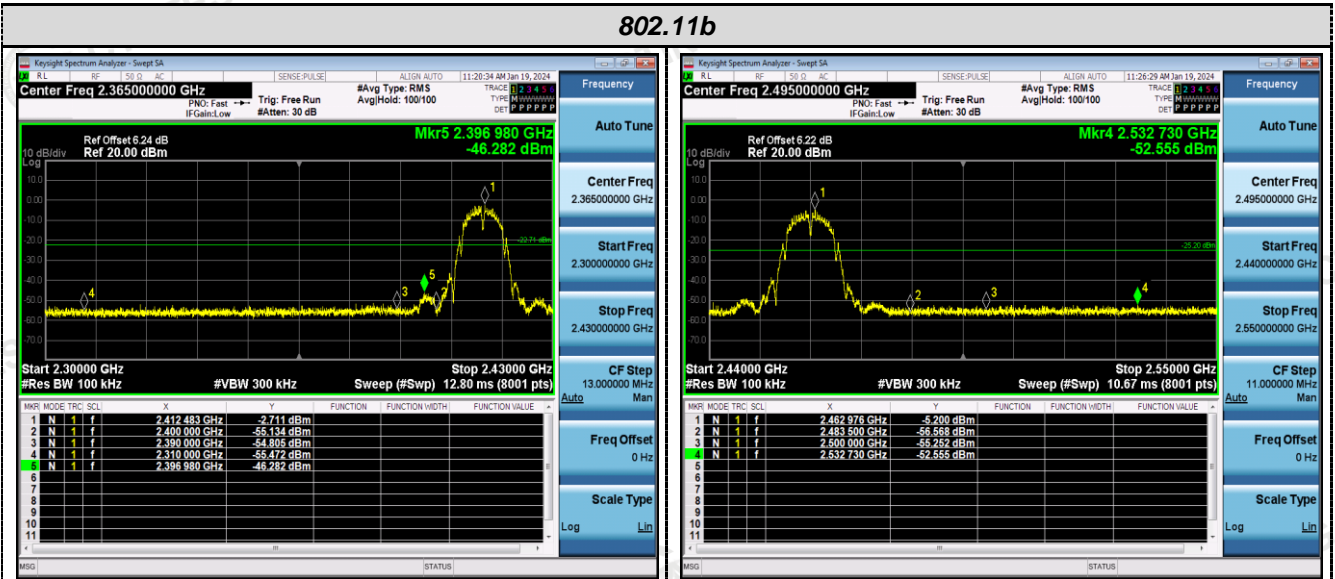


3GHz -25GHz



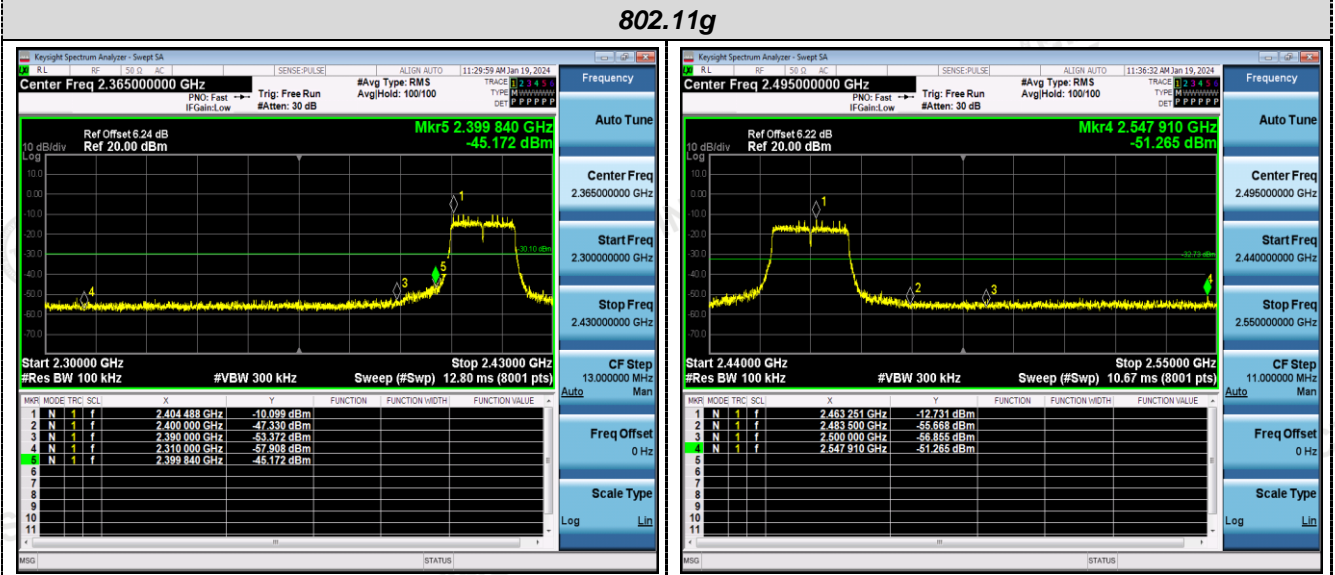
Band-edge Measurements for RF Conducted Emissions:

ANT 1:



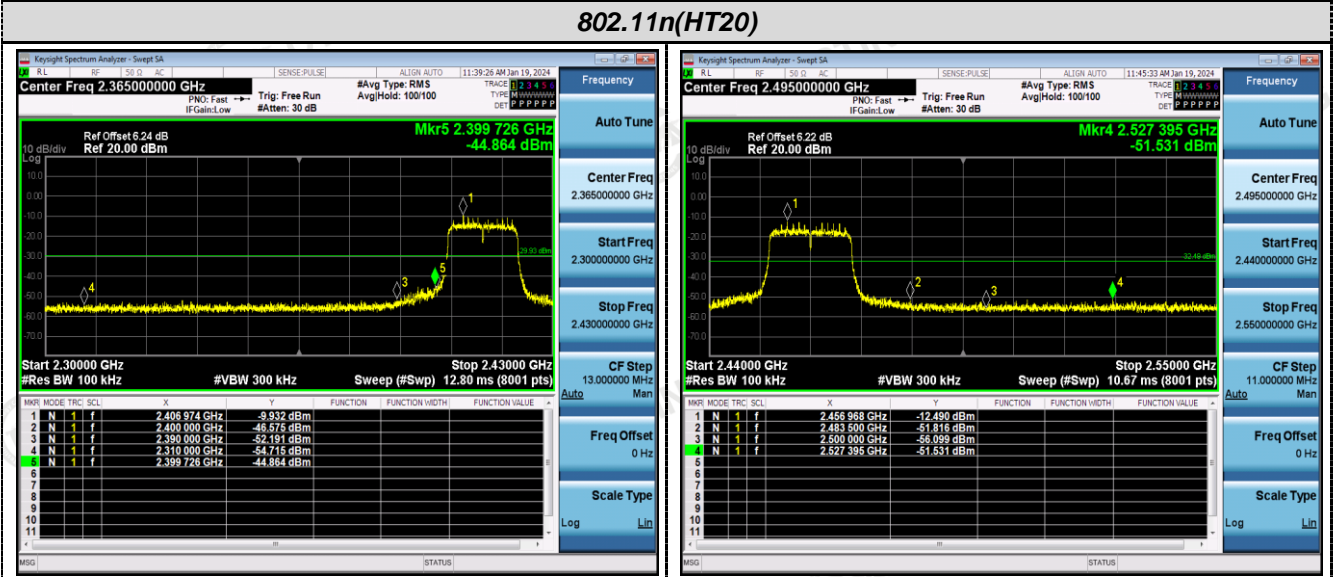
Left bandedge

Right bandedge



Left bandedge

Right bandedge

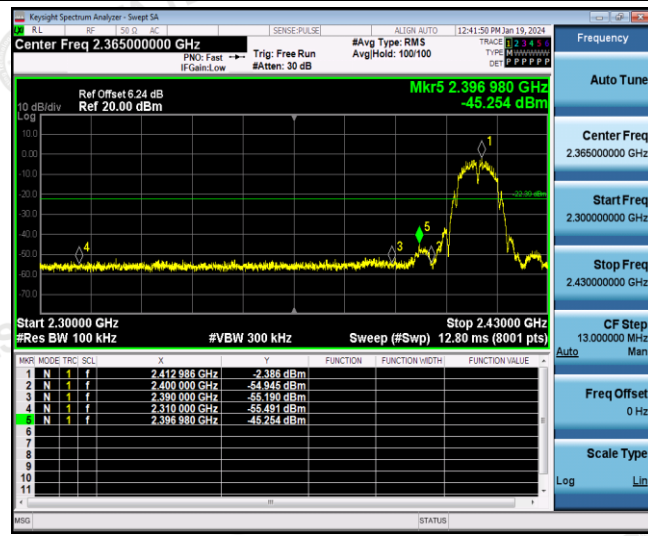


Left bandedge

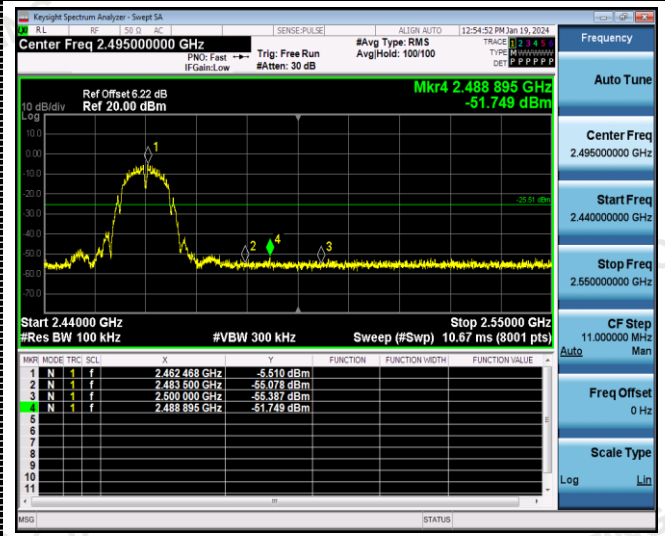
Right bandedge

ANT 2:

802.11b

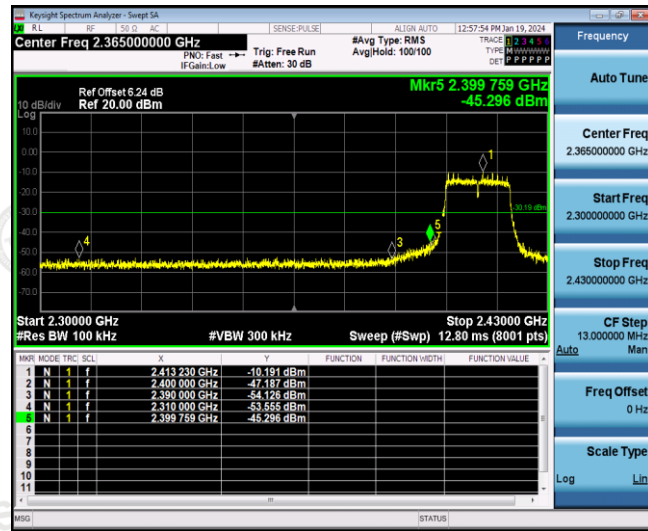


Left bandedge

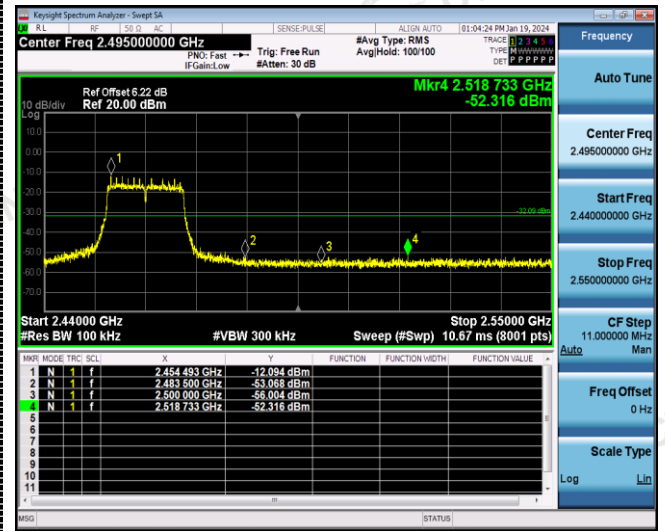


Right bandedge

802.11g



Left bandedge

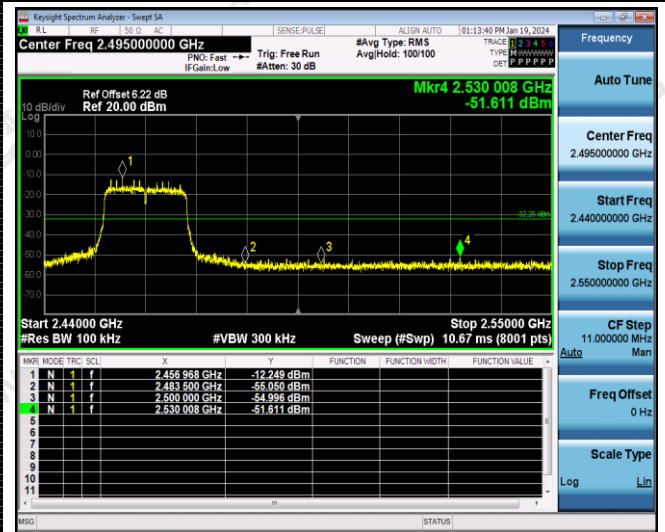


Right bandedge

802.11n(HT20)



Left bandedge



Right bandedge

4.6 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):

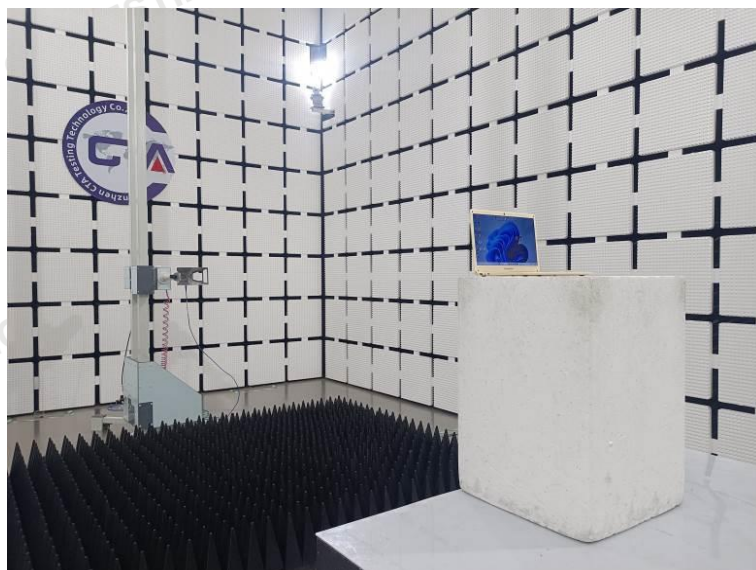
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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

Test Result:

The maximum gain of antenna 1 is 1.16dBi and the maximum gain of antenna 2 is 3.85 dBi.

Remark: The antenna gain is provided by the customer, if the data provided by the customer is not accurate, Shenzhen CTA Testing Technology 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. CTA24011700701

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