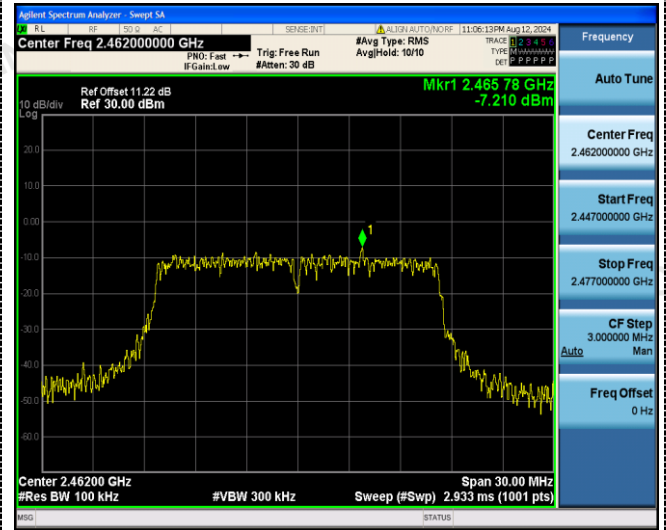
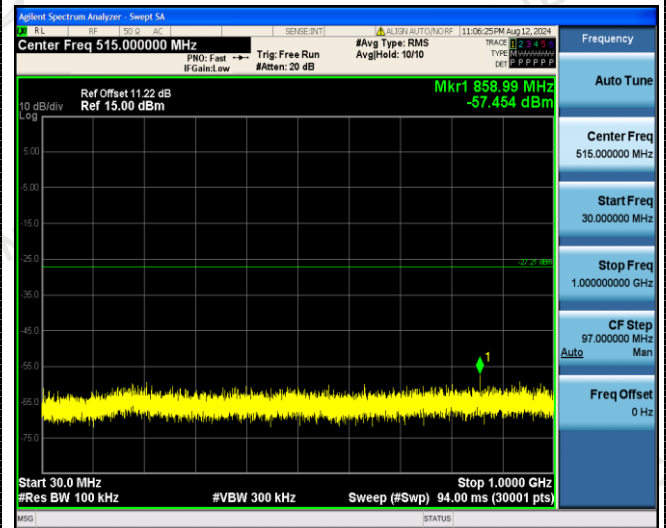
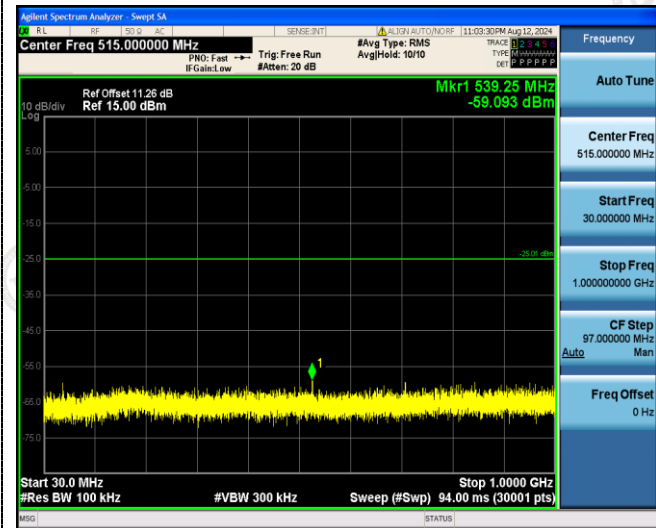


802.11g



Reference
CH06

Reference
CH11



30MHz-3GHz

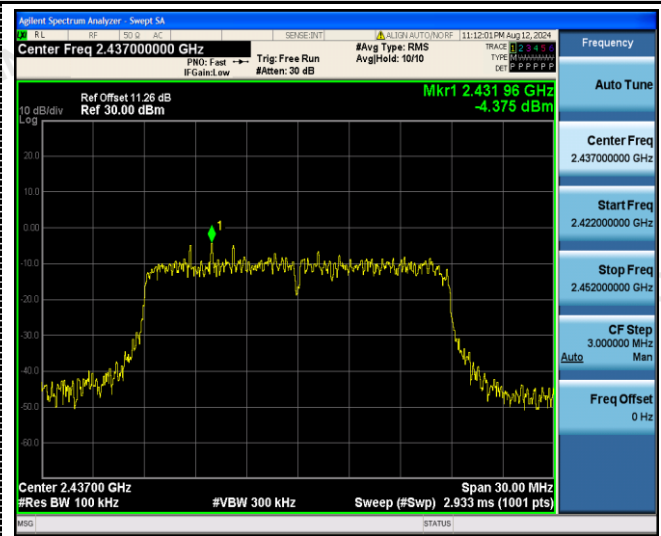
30MHz-3GHz



1GHz -25GHz

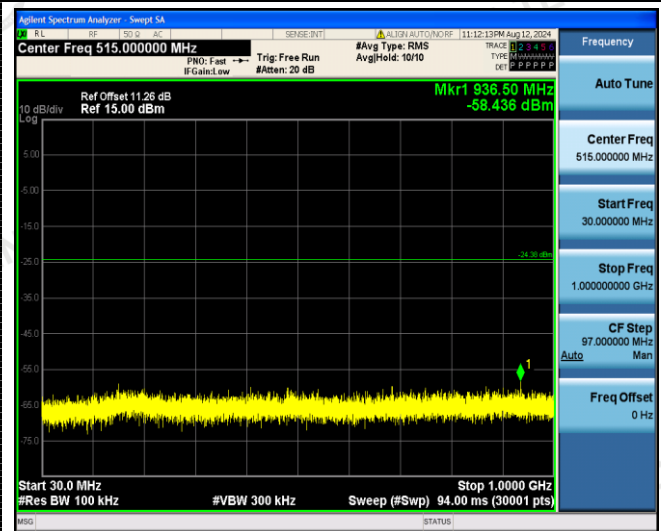
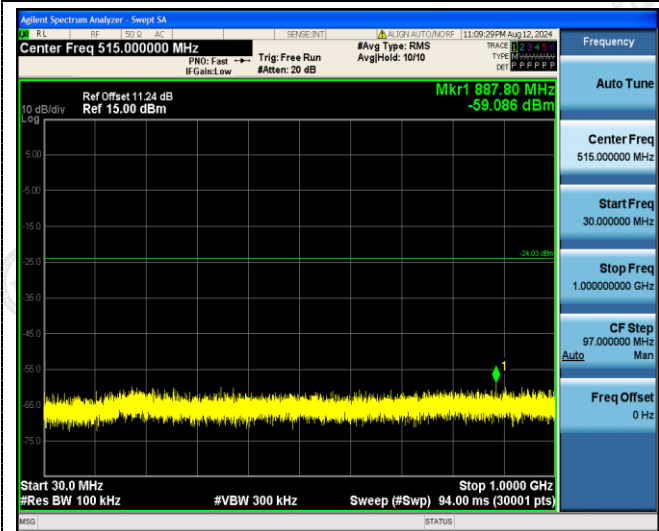
1GHz -25GHz

802.11n20



Reference
CH01

Reference
CH06



30MHz-3GHz

30MHz-3GHz



1GHz -25GHz

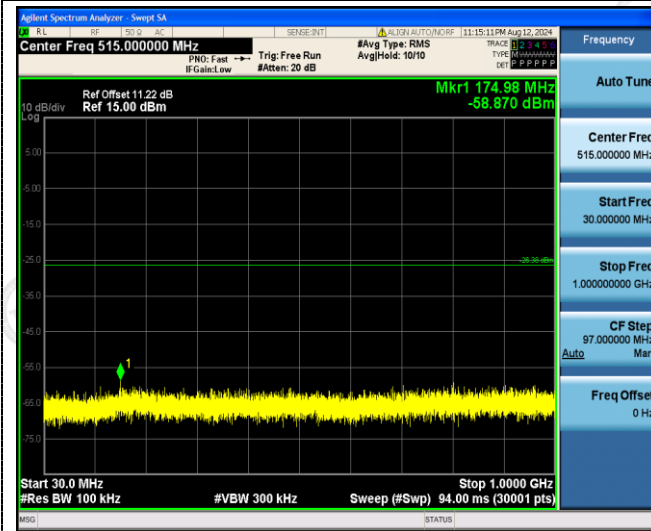
1GHz -25GHz

802.11n20



Parameter	Value
Center Freq	2.46200000 GHz
Start Freq	2.44700000 GHz
Stop Freq	2.47700000 GHz
CF Step	3.000000 MHz
Freq Offset	0 Hz

Reference
CH11



Parameter	Value
Center Freq	515.000000 MHz
Start Freq	30.000000 MHz
Stop Freq	1.00000000 GHz
CF Step	97.000000 MHz
Freq Offset	0 Hz

30MHz-3GHz

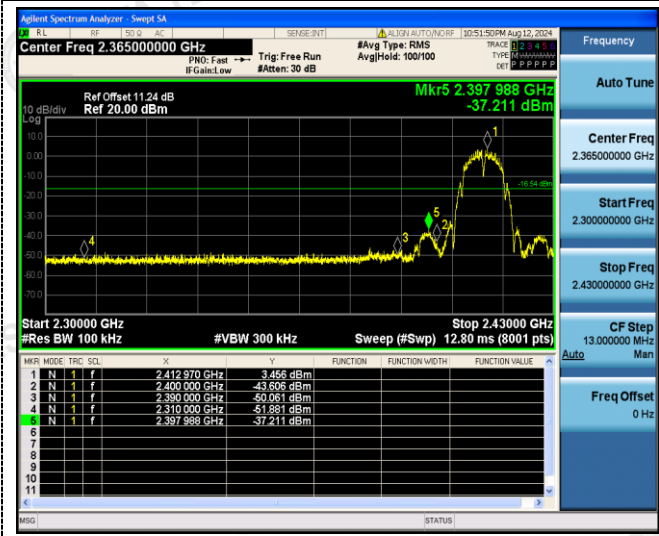


Parameter	Value
Center Freq	13.75000000 GHz
Start Freq	1.00000000 GHz
Stop Freq	26.50000000 GHz
CF Step	2.55000000 GHz
Freq Offset	0 Hz

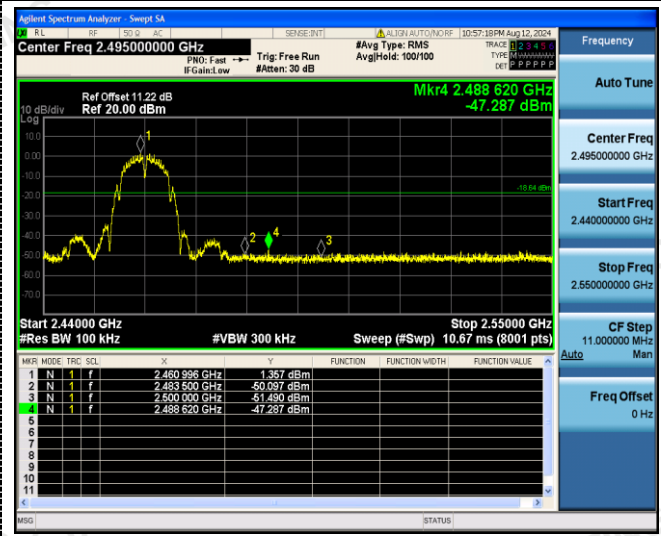
1GHz -25GHz

Band-edge Measurements for RF Conducted Emissions:

802.11b

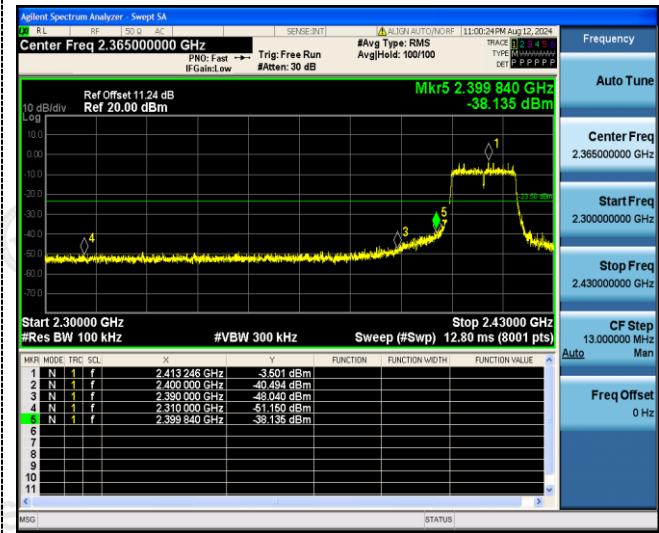


Left bandedge

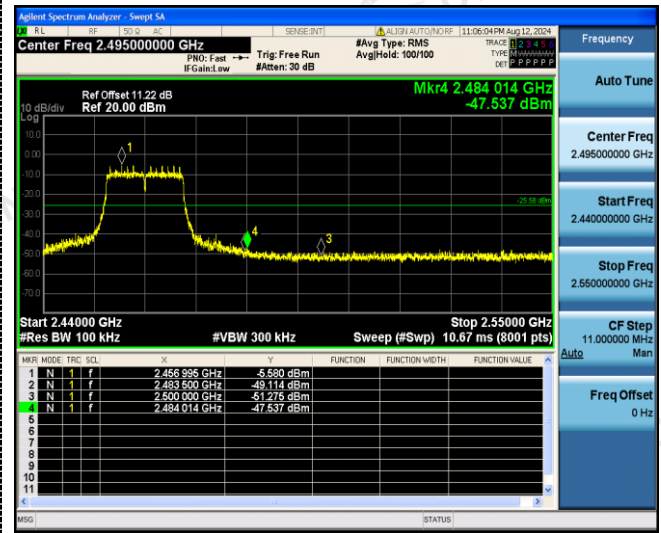


Right bandedge

802.11g

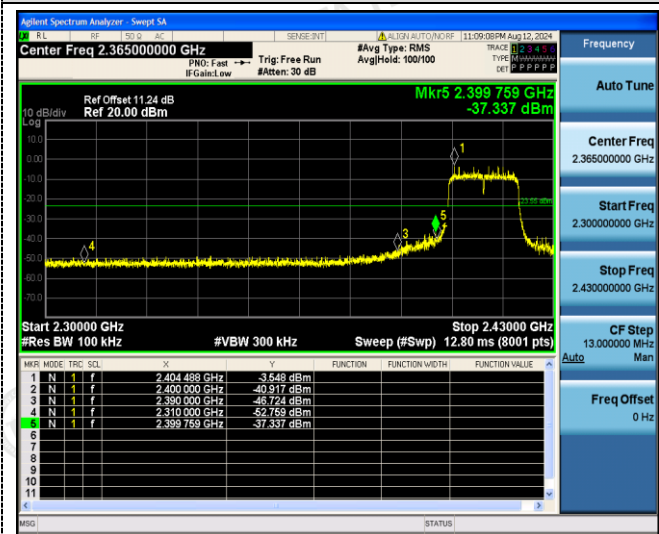


Left bandedge

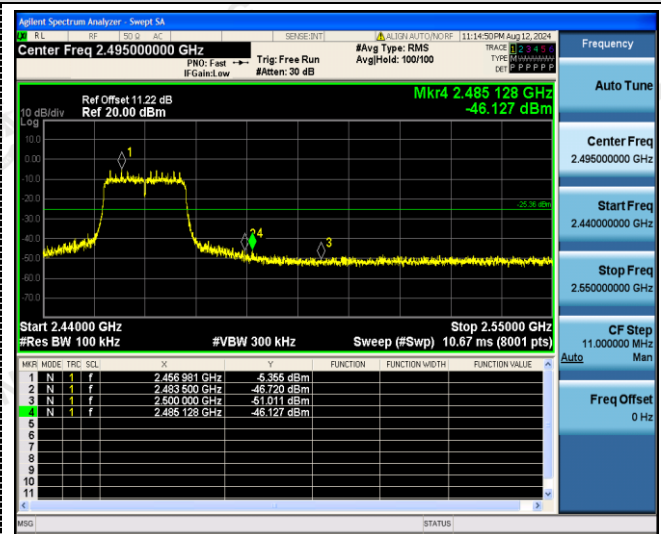


Right bandedge

802.11n(HT20)



Left bandedge



Right bandedge

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 0.75 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



XM-3120, XM-3820S, XM-3920, XM-5020, XM-5220, XM-5320, XM-6020, XM-6220, XM-7220, XM-6220-WIF, XM-7320



