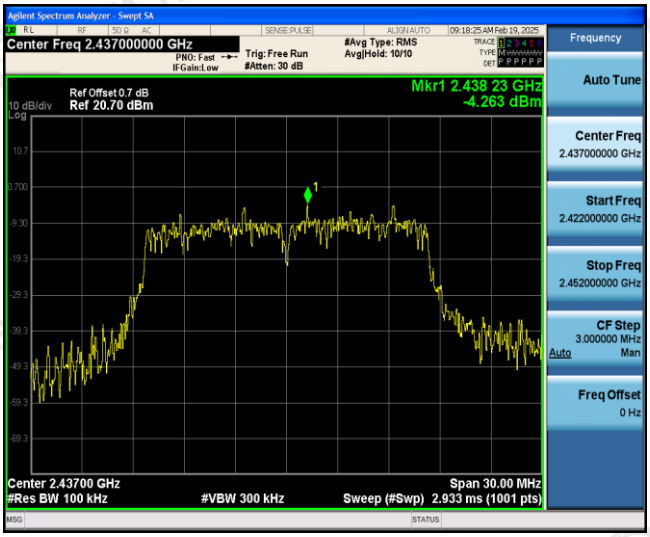
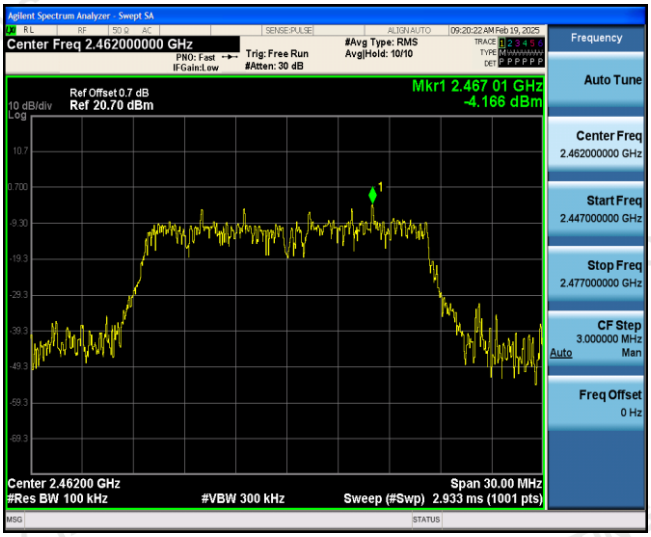
***802.11g***

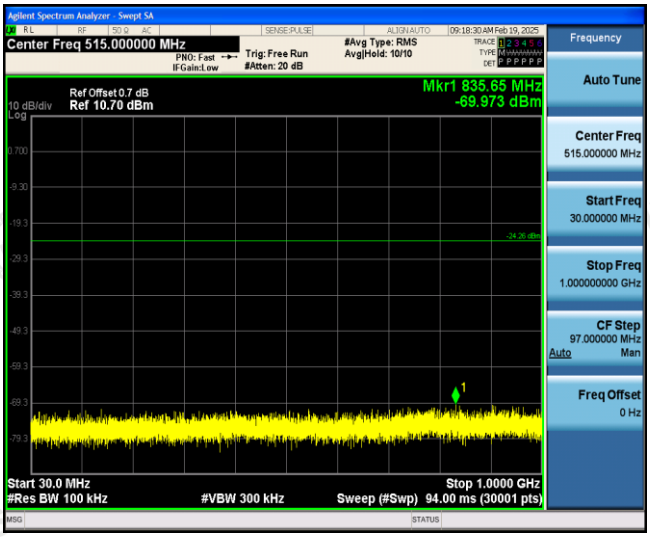



Reference



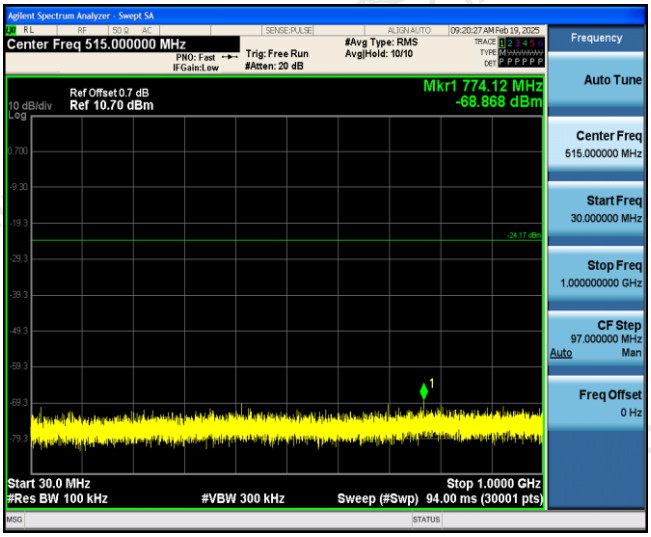

Reference

***CH06***

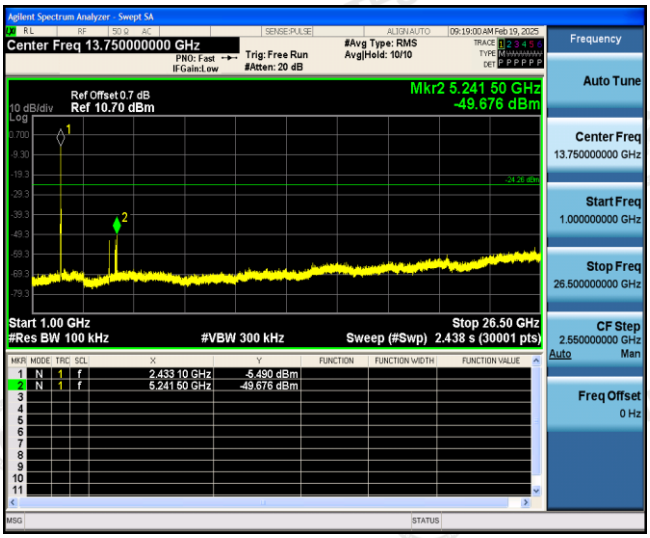



30MHz-1GHz

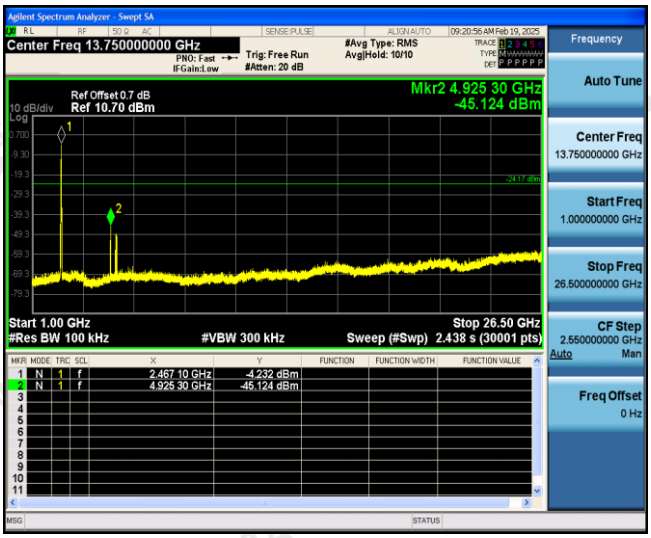
***CH11***




30MHz-1GHz

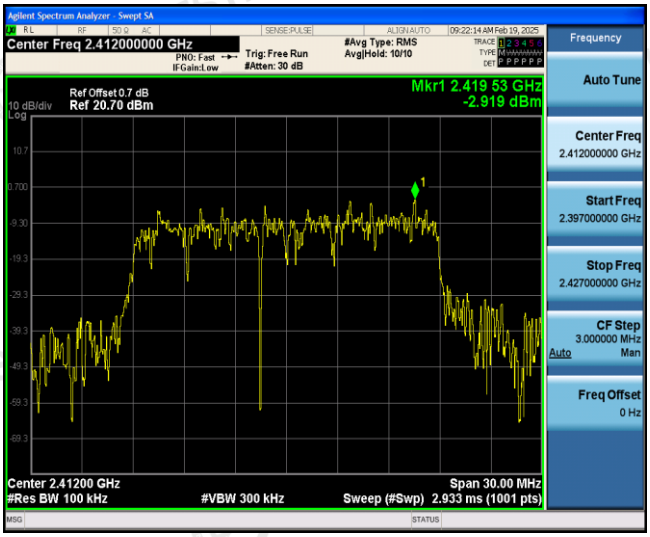



1GHz -25GHz



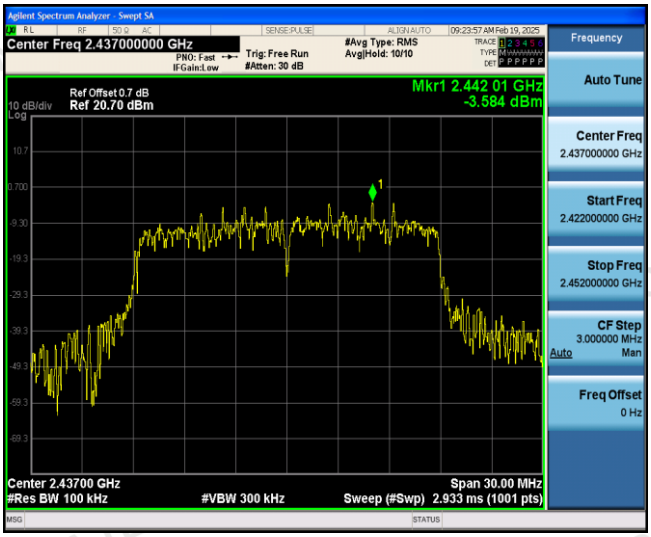

1GHz -25GHz

***802.11n20***



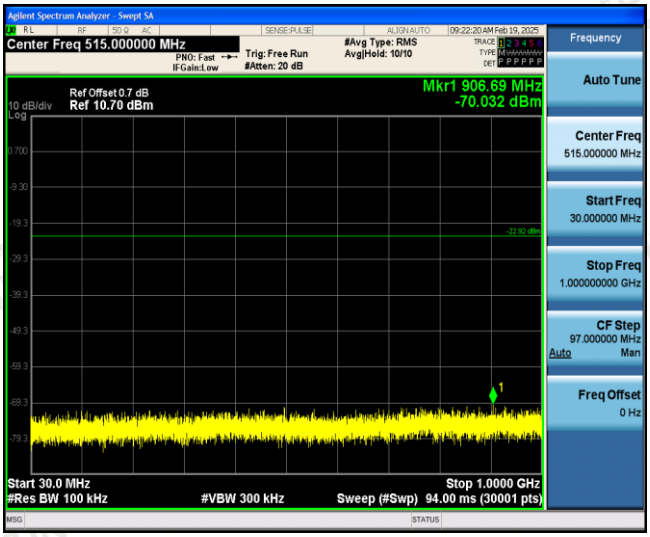

Reference

***CH01***

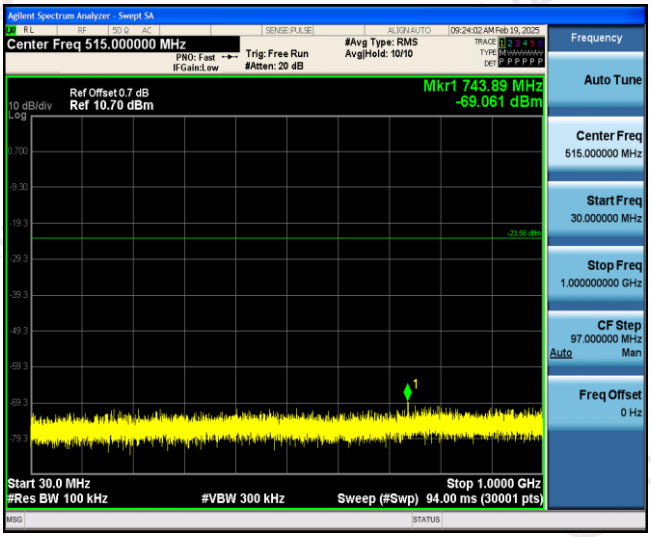



Reference

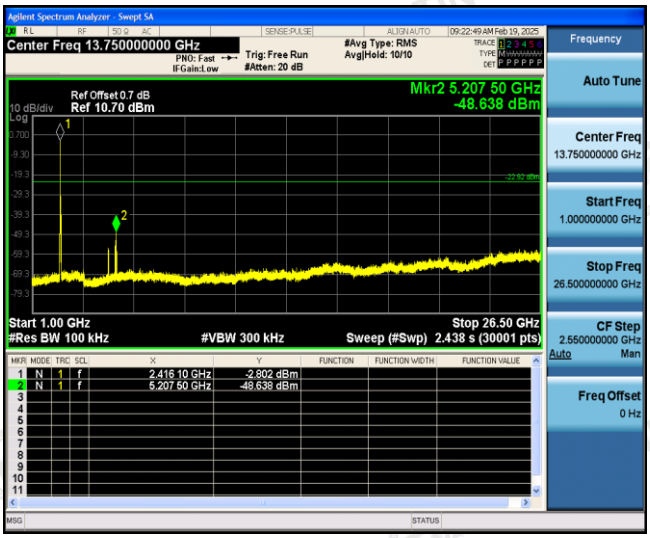
***CH06***



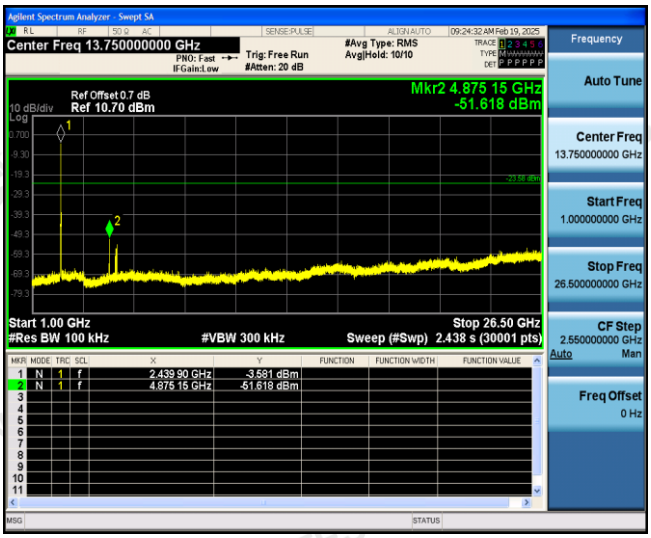

30MHz-1GHz



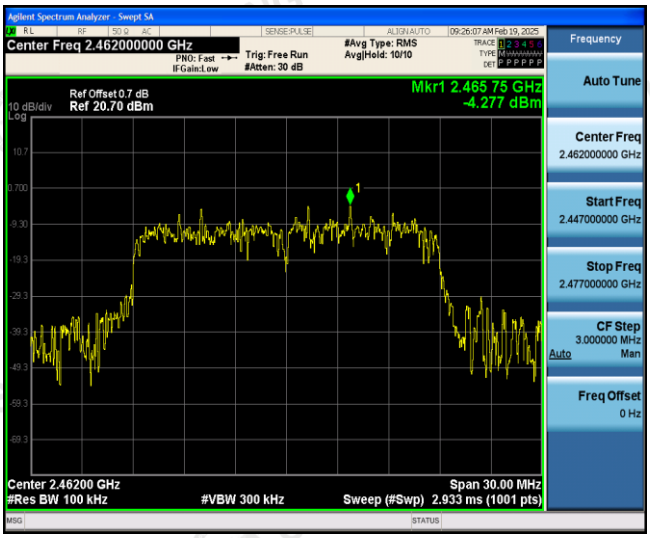
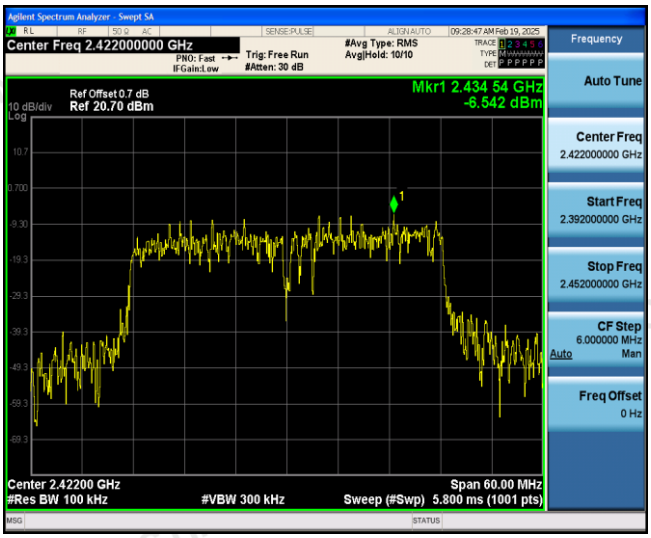
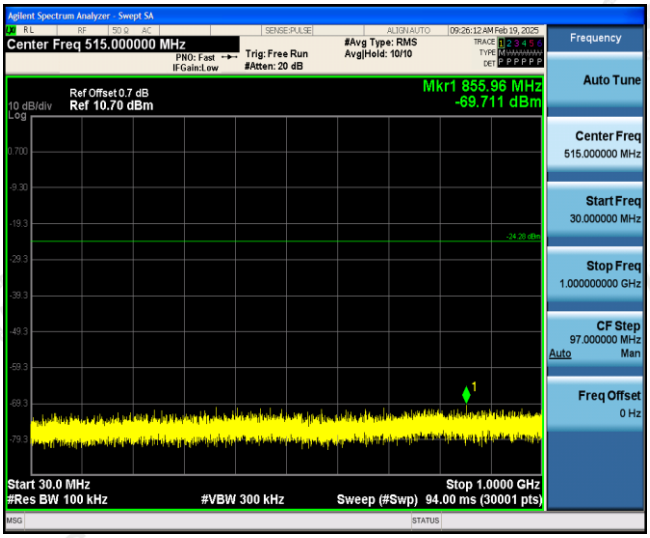
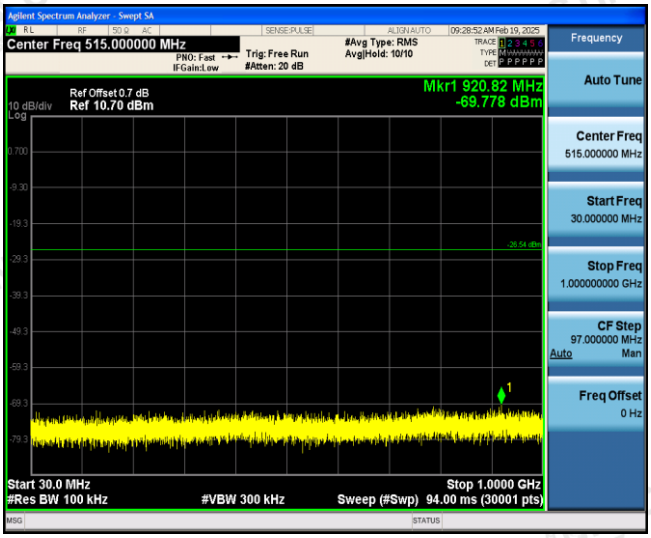
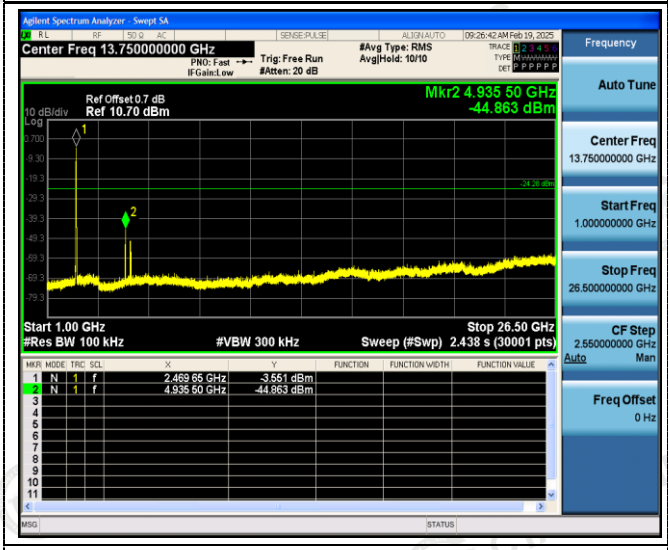
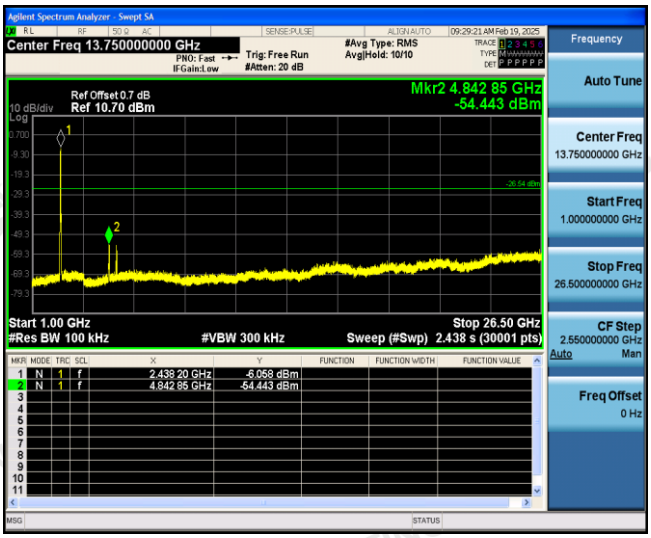

30MHz-1GHz



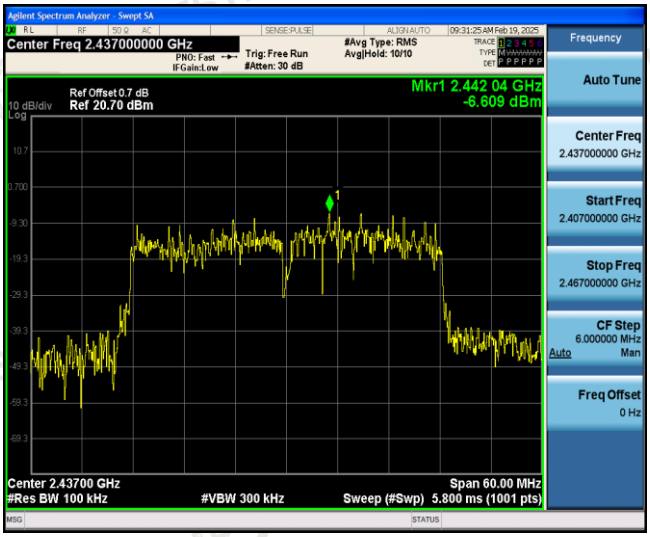

1GHz -25GHz



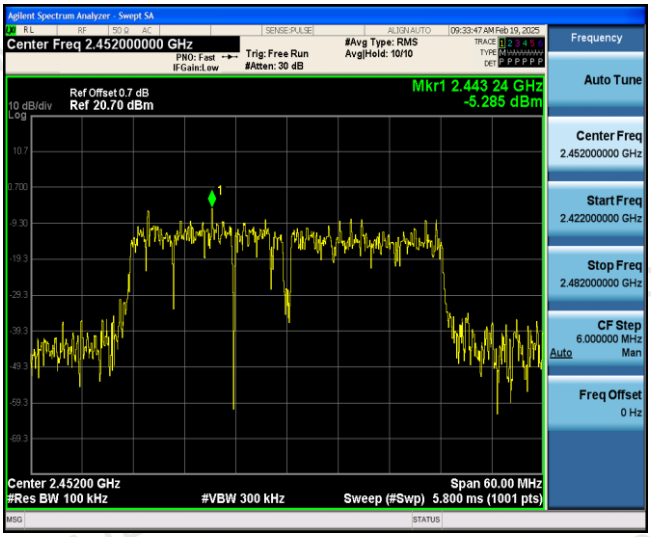

1GHz -25GHz

| 802.11n20 | 802.11n40 |
|---|---|
|  |  |
| Reference | Reference |
| ***CH11*** | ***CH03*** |
|  |  |
| 30MHz-1GHz | 30MHz-1GHz |
|  |  |
| 1GHz -25GHz | 1GHz -25GHz |

***802.11n40***

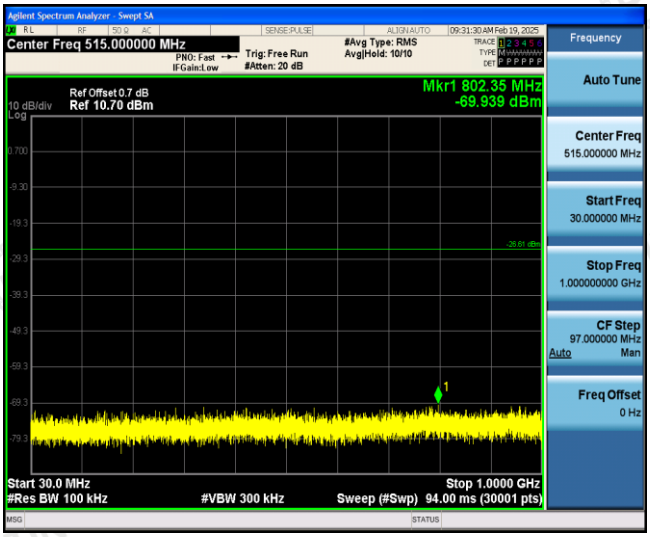



Reference



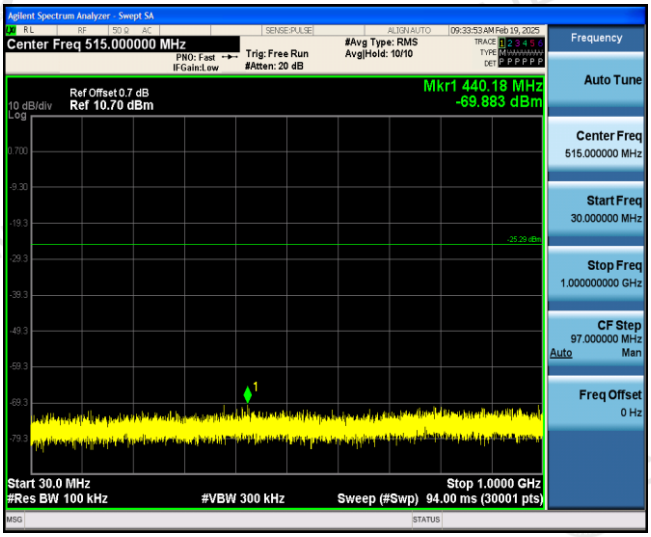

Reference

***CH06***

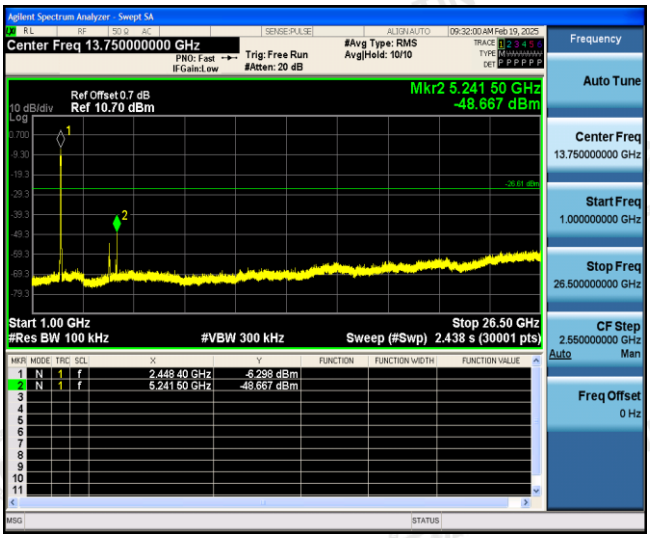



30MHz-1GHz

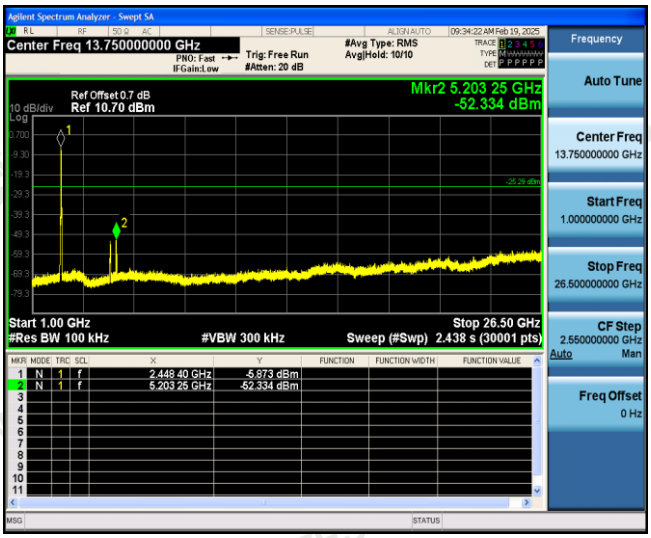
***CH09***




30MHz-1GHz

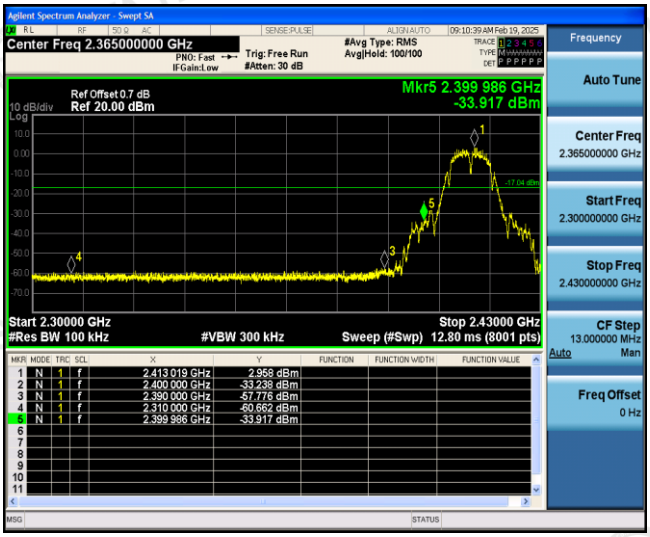
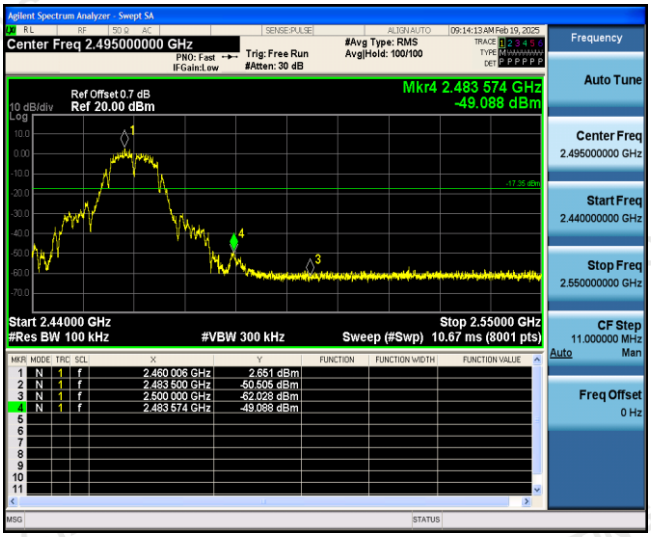


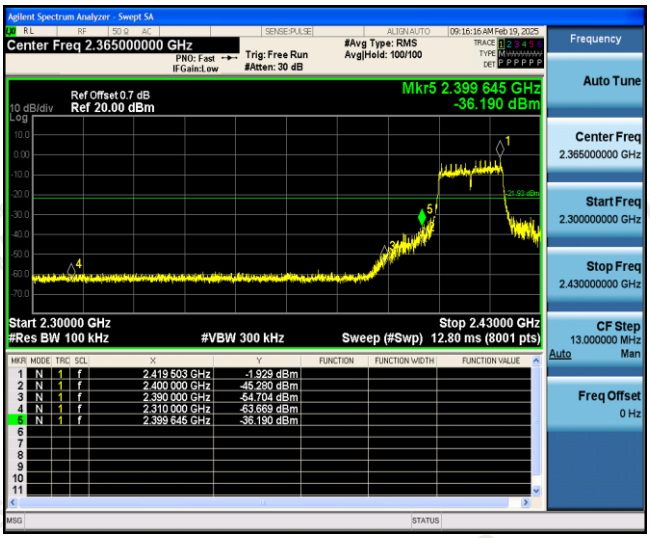
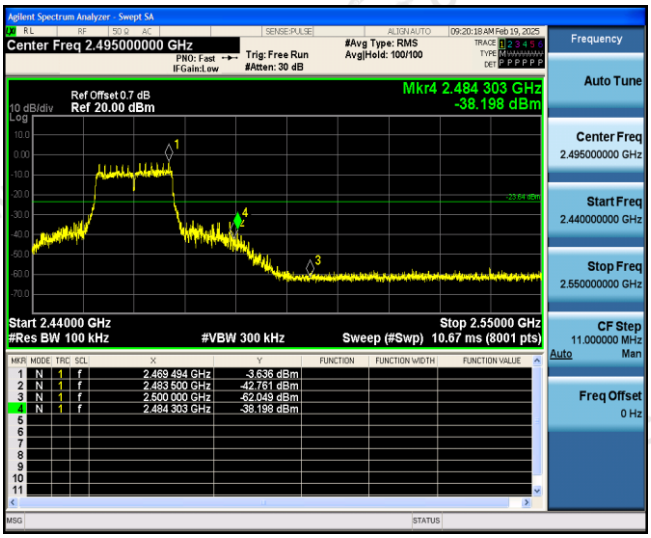

1GHz -25GHz

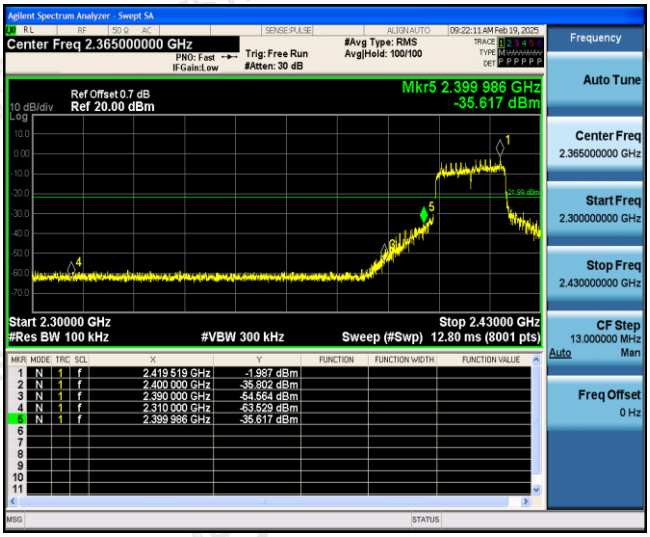
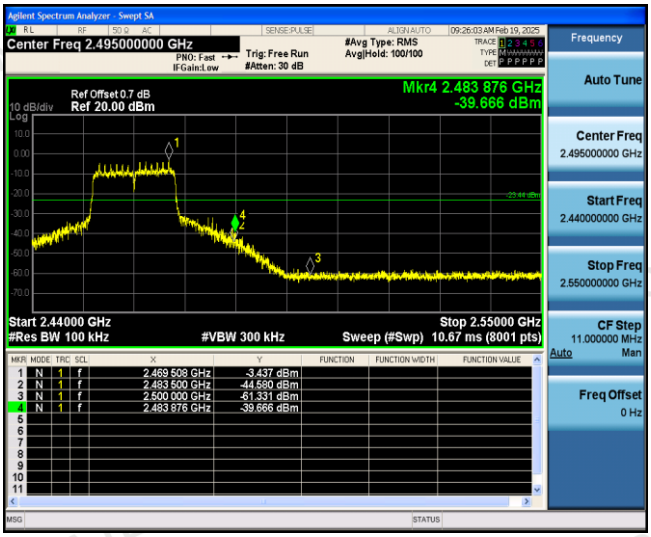
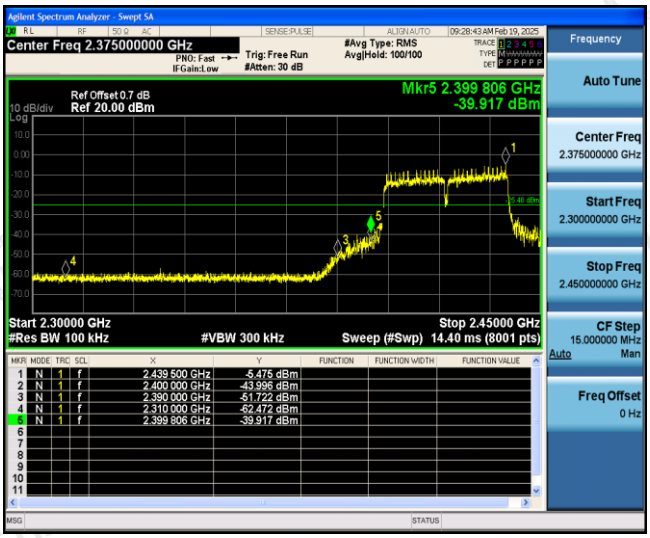
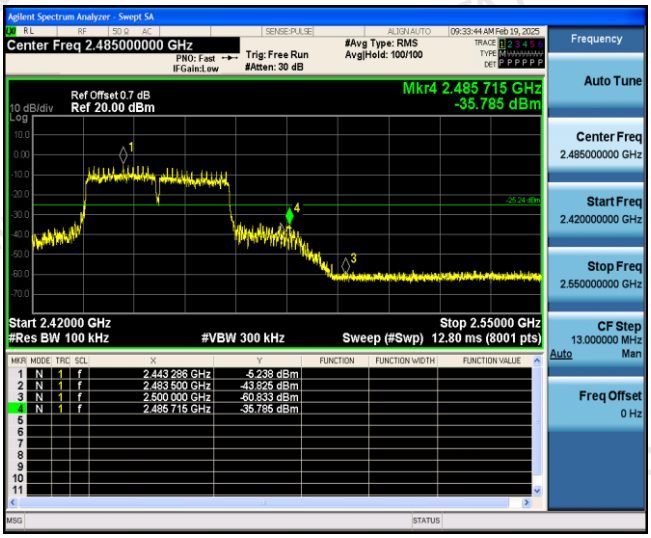



1GHz -25GHz

***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 |
| **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):**

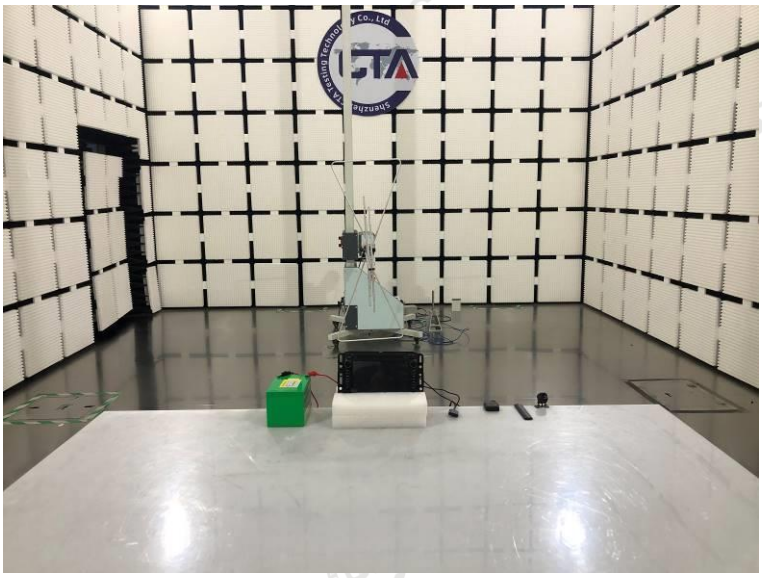
(i) Systems operating in the 2400-2483.5 MHz band that is used exclusively for fixed. Point-to-point operations may employ transmitting antennas with directional gain greater than 6dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional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

**Test Result:**

The maximum gain of antenna was 0.89 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 External and Internal Photos of the EUT

Reference to the test report No. **CTA25011300101.**

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