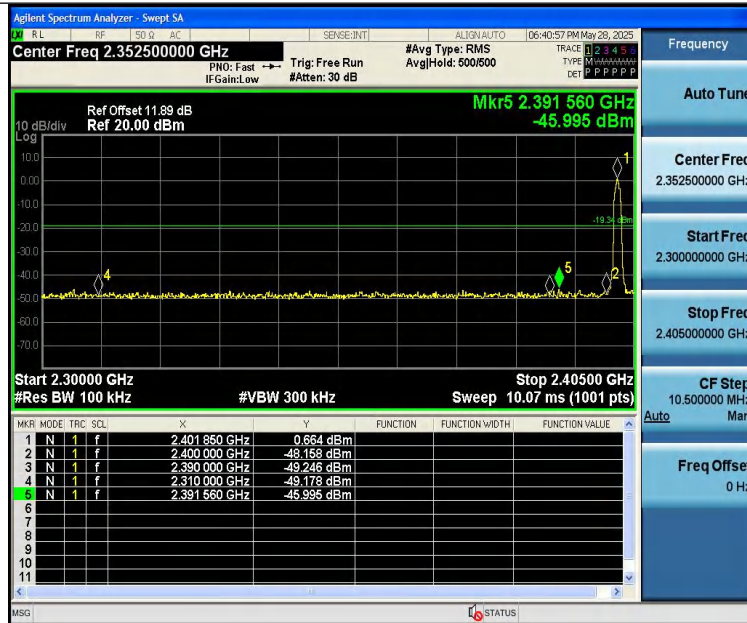
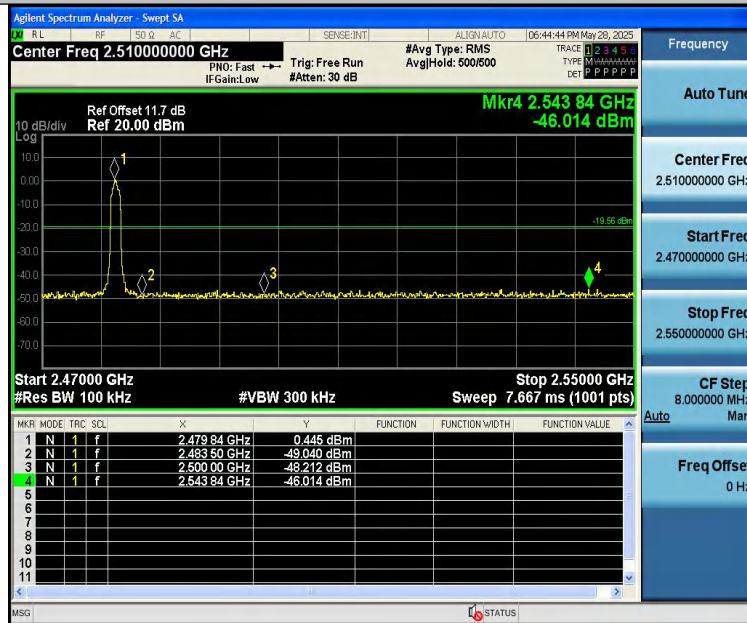
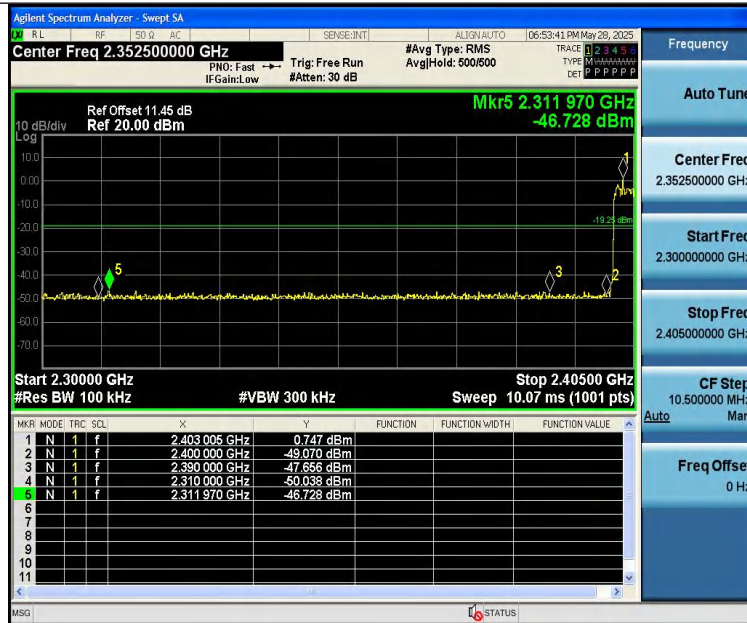




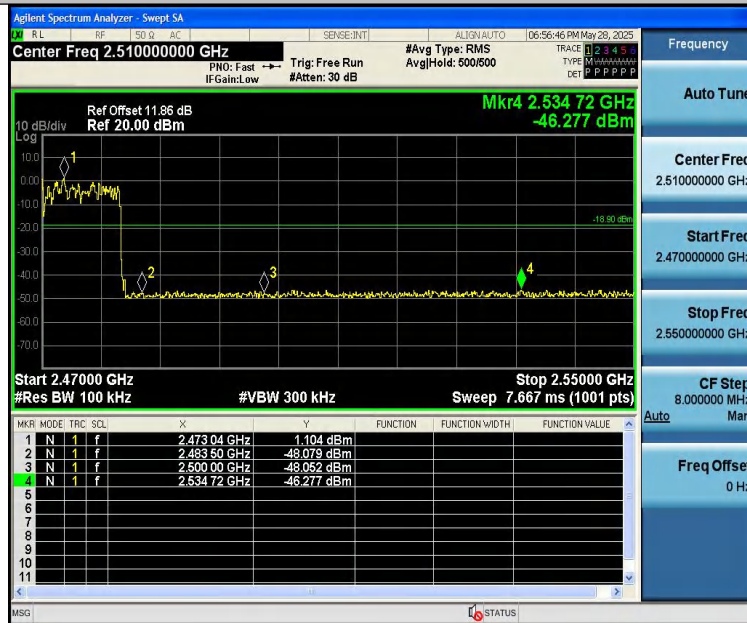
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop\_2402-PASS



## 3DH5-Ant1-Hop\_2480-PASS





## Conducted Emission Method

## Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange<br>[MHz] | RefLevel<br>[dBm] | Result<br>[dBm] | Limit<br>[dBm] | Verdict |
|----------|---------|----------------|--------------------|-------------------|-----------------|----------------|---------|
| DH5      | Ant1    | 2402           | 0~Reference        | 3.07              | 3.07            | ---            | PASS    |
| DH5      | Ant1    | 2402           | 30~1000            | 3.07              | -58.27          | ≤-16.93        | PASS    |
| DH5      | Ant1    | 2402           | 1000~26500         | 3.07              | -41.95          | ≤-16.93        | PASS    |
| DH5      | Ant1    | 2441           | 0~Reference        | 2.90              | 2.90            | ---            | PASS    |
| DH5      | Ant1    | 2441           | 30~1000            | 2.90              | -57.17          | ≤-17.1         | PASS    |
| DH5      | Ant1    | 2441           | 1000~26500         | 2.90              | -42.13          | ≤-17.1         | PASS    |
| DH5      | Ant1    | 2480           | 0~Reference        | 3.18              | 3.18            | ---            | PASS    |
| DH5      | Ant1    | 2480           | 30~1000            | 3.18              | -57.16          | ≤-16.82        | PASS    |
| DH5      | Ant1    | 2480           | 1000~26500         | 3.18              | -42.54          | ≤-16.82        | PASS    |
| 2DH5     | Ant1    | 2402           | 0~Reference        | 0.76              | 0.76            | ---            | PASS    |
| 2DH5     | Ant1    | 2402           | 30~1000            | 0.76              | -57.65          | ≤-19.24        | PASS    |
| 2DH5     | Ant1    | 2402           | 1000~26500         | 0.76              | -41.86          | ≤-19.24        | PASS    |
| 2DH5     | Ant1    | 2441           | 0~Reference        | 0.14              | 0.14            | ---            | PASS    |
| 2DH5     | Ant1    | 2441           | 30~1000            | 0.14              | -56.8           | ≤-19.86        | PASS    |
| 2DH5     | Ant1    | 2441           | 1000~26500         | 0.14              | -41.9           | ≤-19.86        | PASS    |
| 2DH5     | Ant1    | 2480           | 0~Reference        | 0.55              | 0.55            | ---            | PASS    |
| 2DH5     | Ant1    | 2480           | 30~1000            | 0.55              | -57.83          | ≤-19.45        | PASS    |
| 2DH5     | Ant1    | 2480           | 1000~26500         | 0.55              | -41.68          | ≤-19.45        | PASS    |
| 3DH5     | Ant1    | 2402           | 0~Reference        | 0.68              | 0.68            | ---            | PASS    |
| 3DH5     | Ant1    | 2402           | 30~1000            | 0.68              | -57.04          | ≤-19.32        | PASS    |
| 3DH5     | Ant1    | 2402           | 1000~26500         | 0.68              | -42.25          | ≤-19.32        | PASS    |
| 3DH5     | Ant1    | 2441           | 0~Reference        | 0.01              | 0.01            | ---            | PASS    |
| 3DH5     | Ant1    | 2441           | 30~1000            | 0.01              | -57.38          | ≤-19.99        | PASS    |
| 3DH5     | Ant1    | 2441           | 1000~26500         | 0.01              | -42.2           | ≤-19.99        | PASS    |
| 3DH5     | Ant1    | 2480           | 0~Reference        | 0.41              | 0.41            | ---            | PASS    |
| 3DH5     | Ant1    | 2480           | 30~1000            | 0.41              | -57.63          | ≤-19.59        | PASS    |
| 3DH5     | Ant1    | 2480           | 1000~26500         | 0.41              | -41.89          | ≤-19.59        | PASS    |

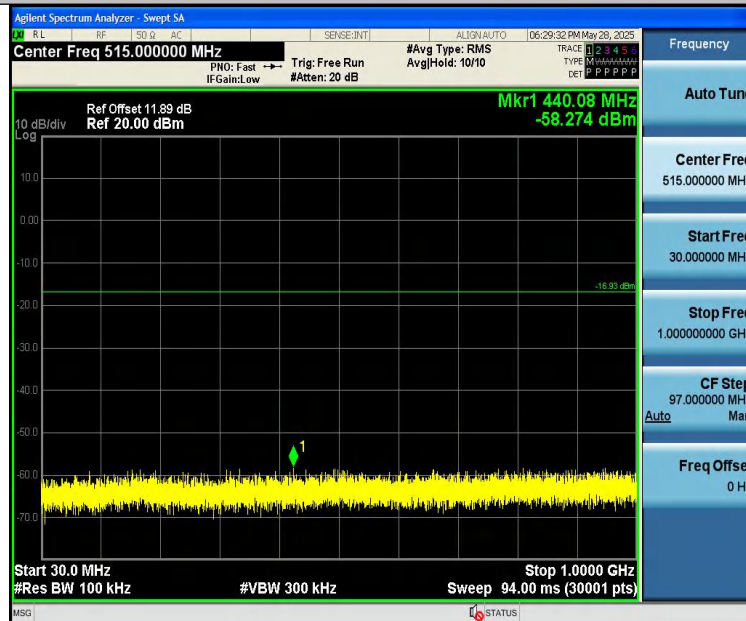


## Test Graphs:

DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



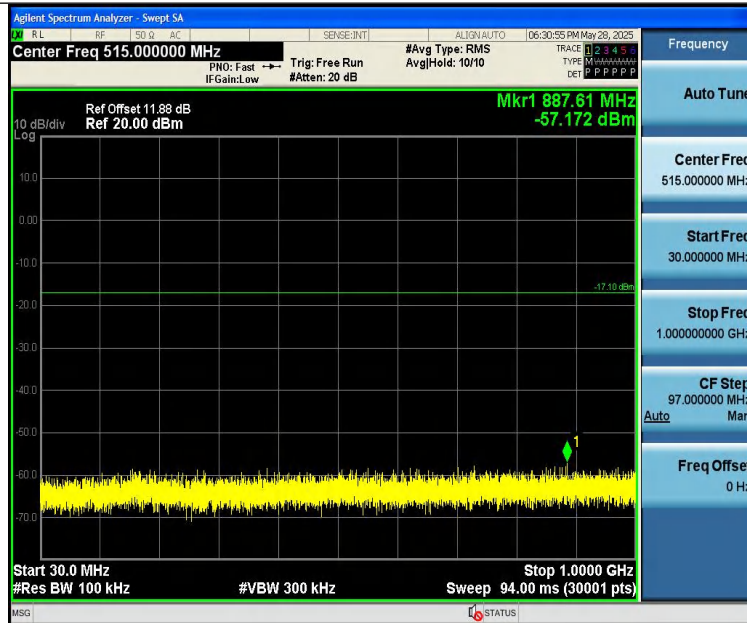
DH5-Ant1-2402-1000~26500-PASS



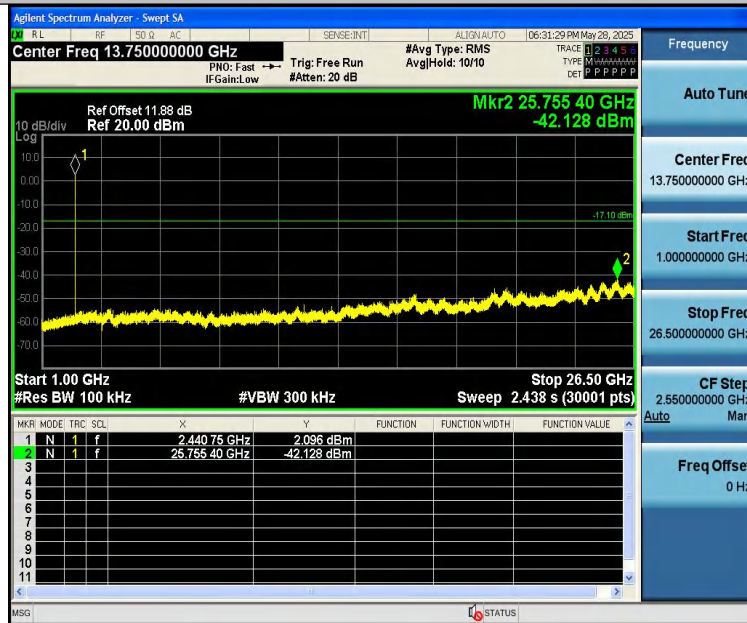
DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



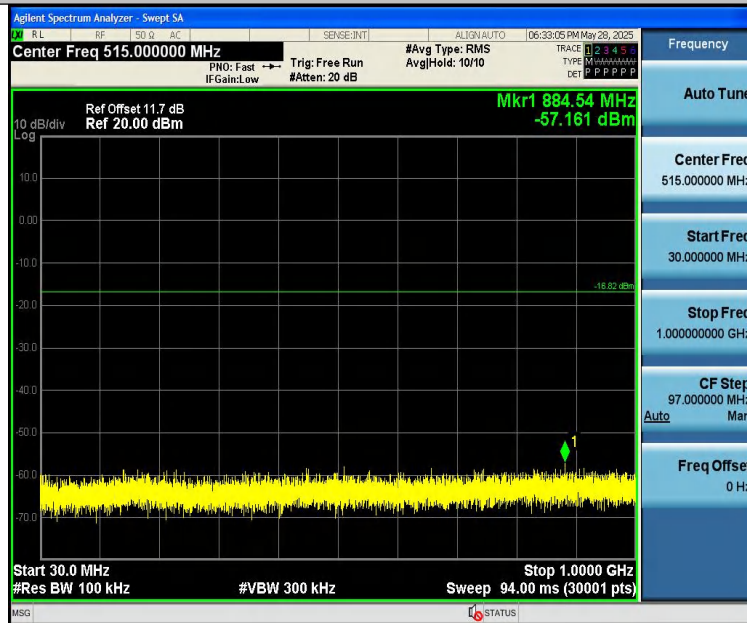
DH5-Ant1-2441-1000~26500-PASS



DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



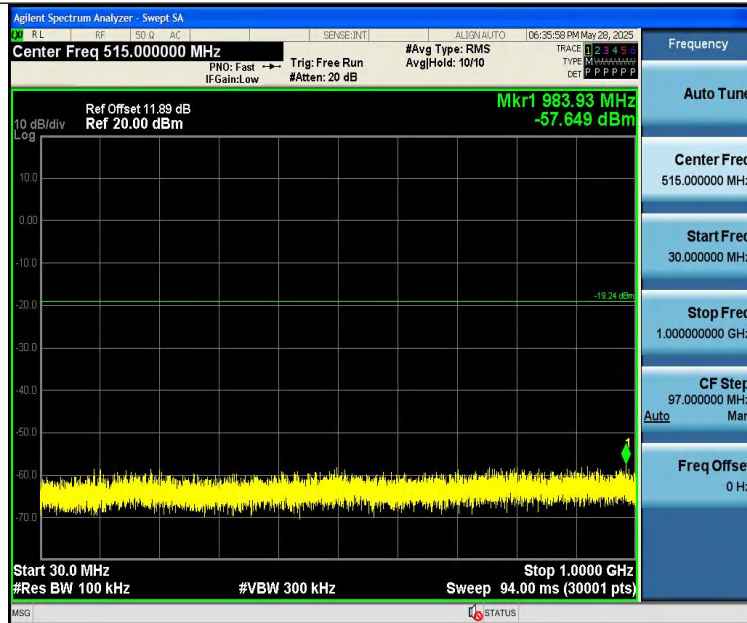
DH5-Ant1-2480-1000~26500-PASS



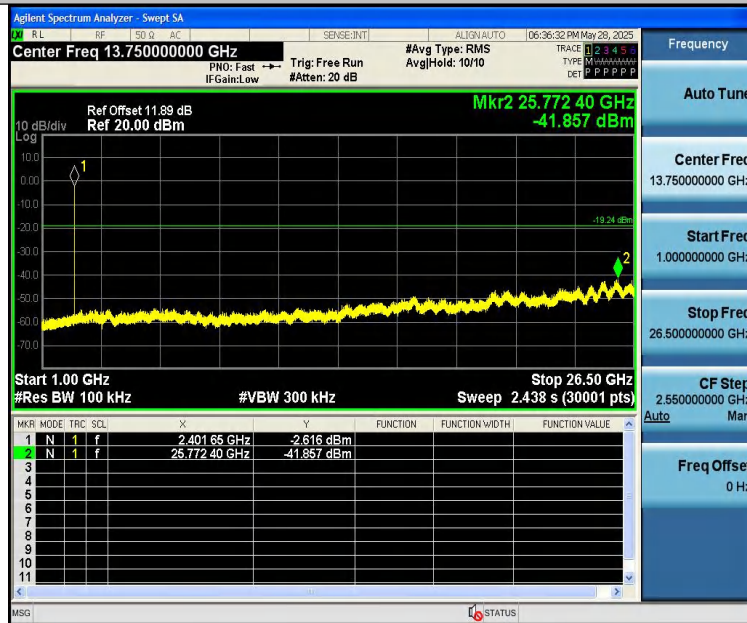
2DH5-Ant1-2402-0~Reference-PASS



2DH5-Ant1-2402-30~1000-PASS



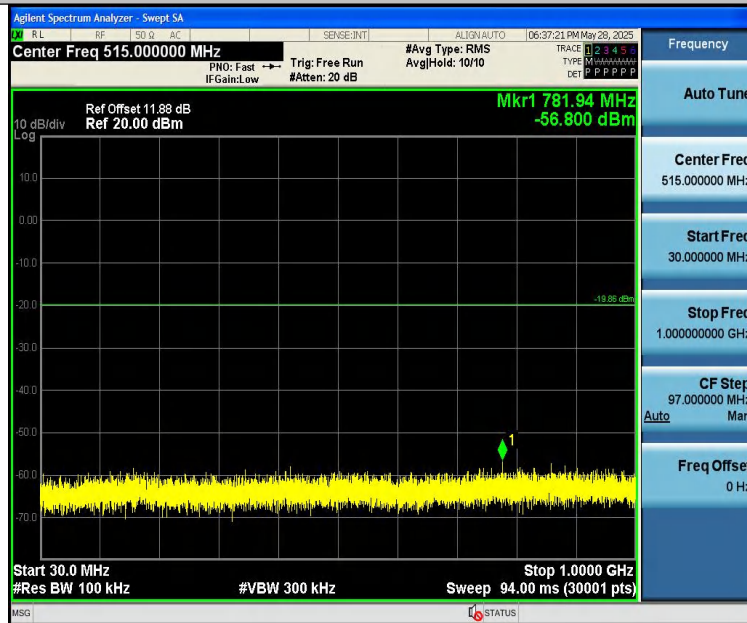
2DH5-Ant1-2402-1000~26500-PASS



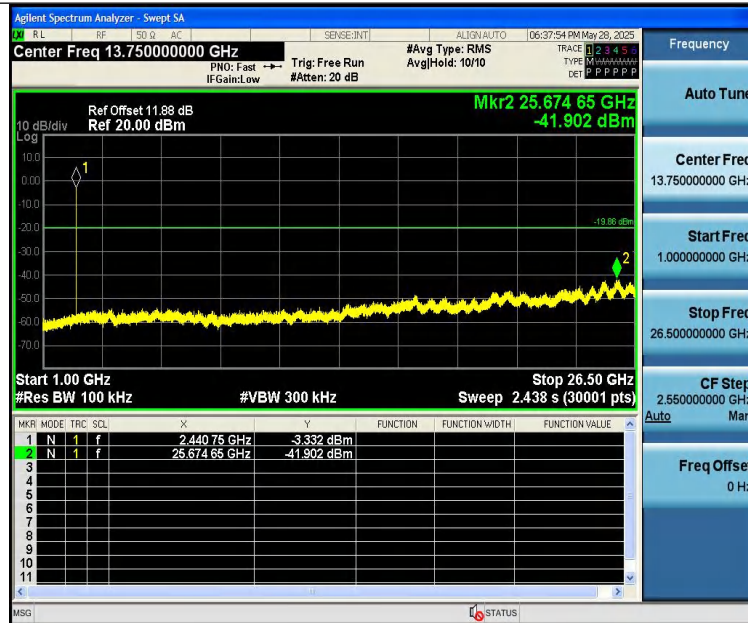
2DH5-Ant1-2441-0~Reference-PASS



2DH5-Ant1-2441-30~1000-PASS



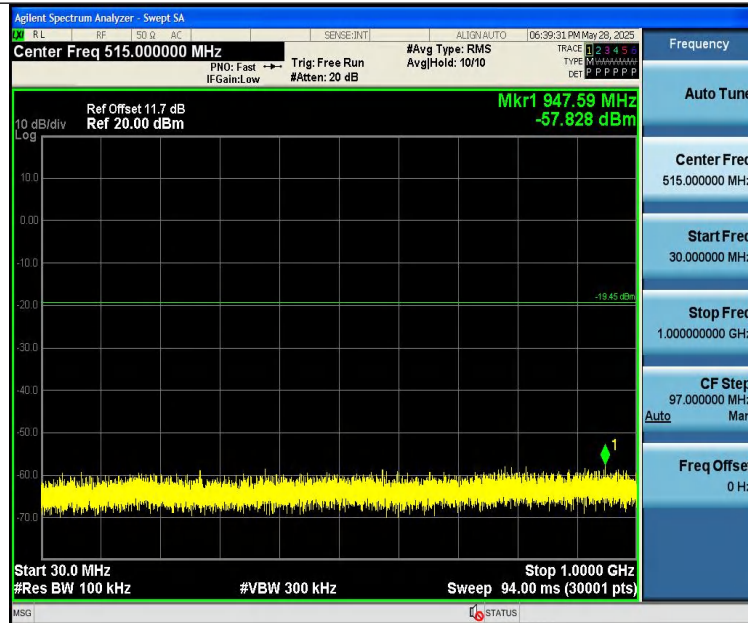
2DH5-Ant1-2441-1000~26500-PASS



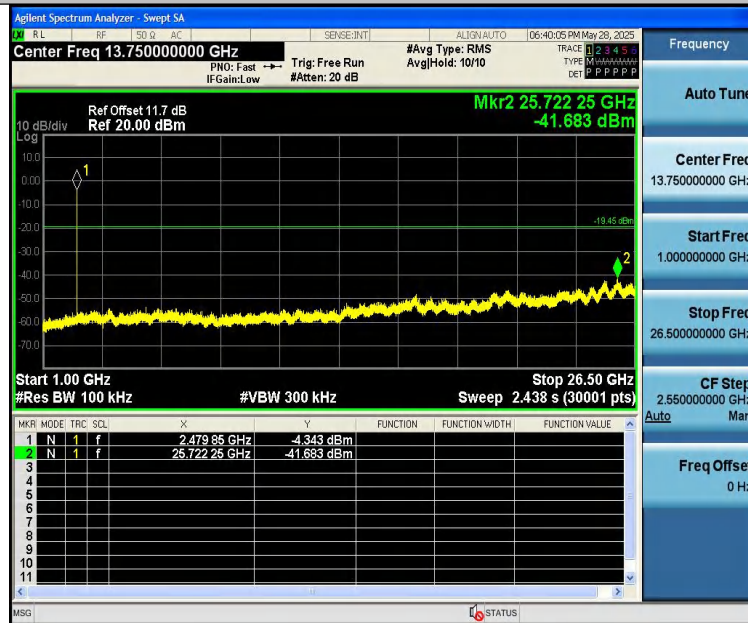
2DH5-Ant1-2480-0~Reference-PASS



2DH5-Ant1-2480-30~1000-PASS



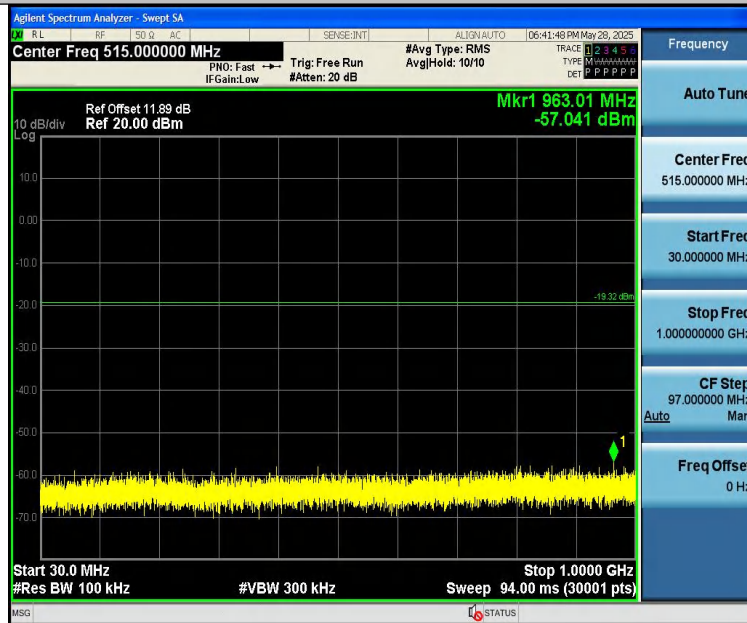
2DH5-Ant1-2480-1000~26500-PASS



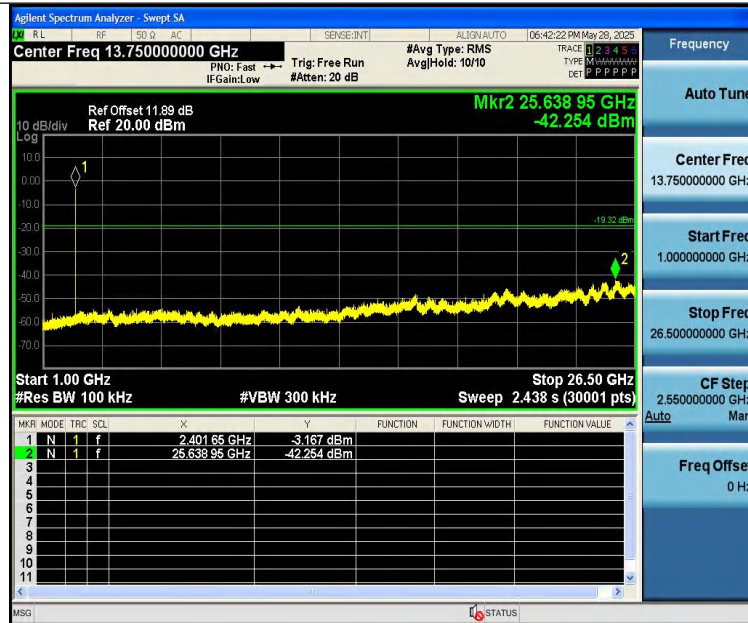
3DH5-Ant1-2402-0~Reference-PASS



3DH5-Ant1-2402-30~1000-PASS



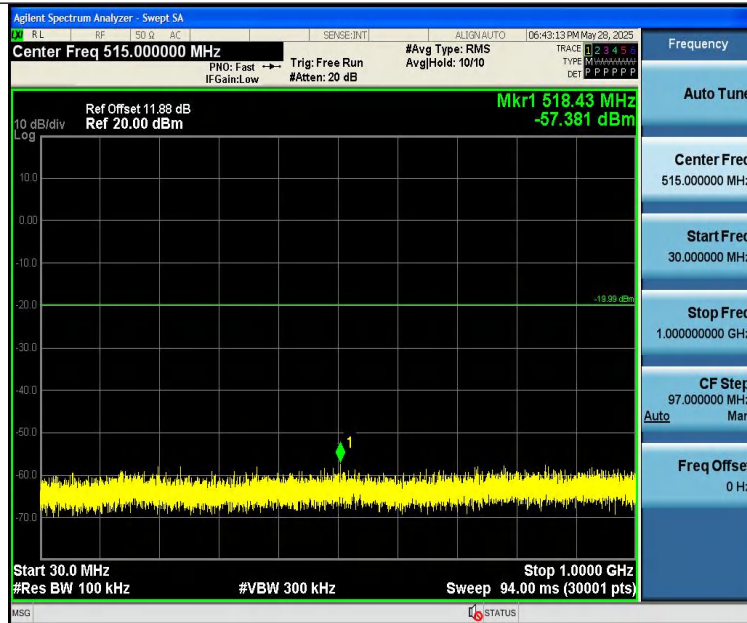
3DH5-Ant1-2402-1000~26500-PASS



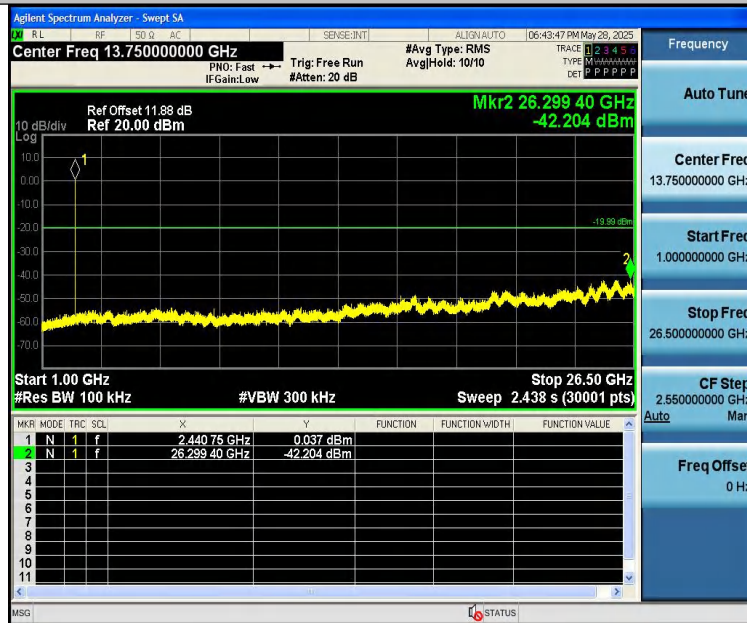
3DH5-Ant1-2441-0~Reference-PASS



3DH5-Ant1-2441-30~1000-PASS



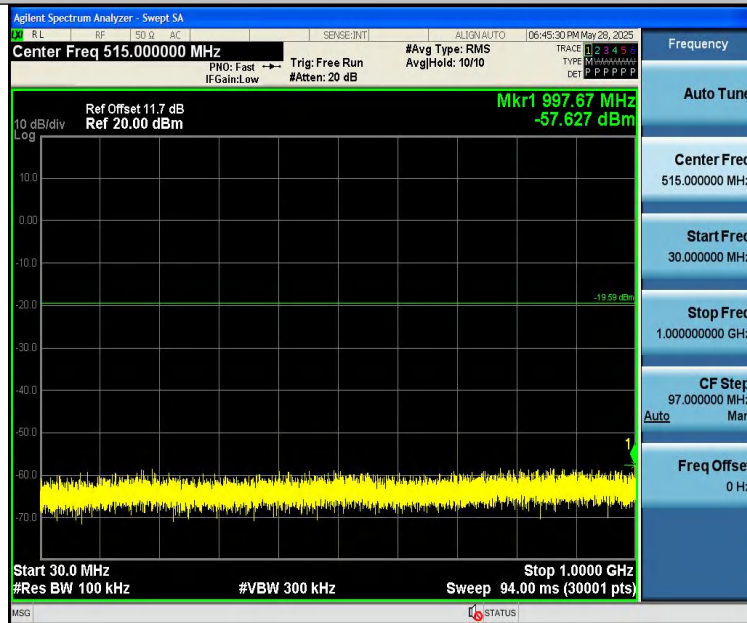
3DH5-Ant1-2441-1000~26500-PASS



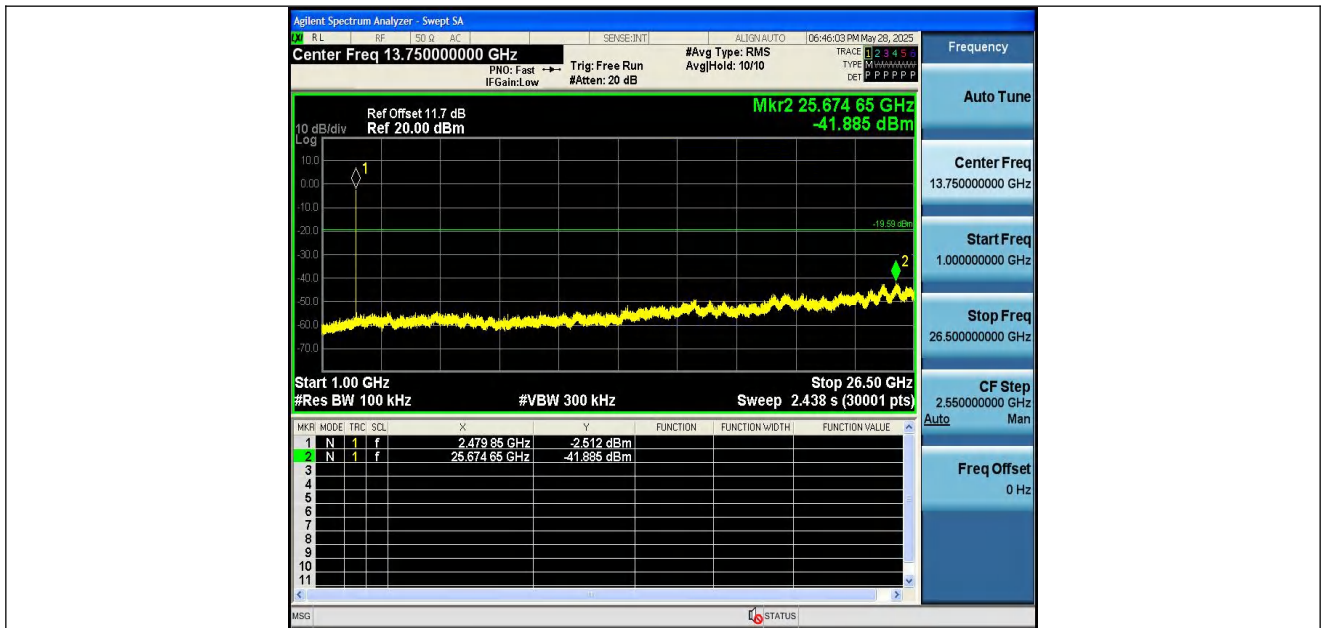
3DH5-Ant1-2480-0~Reference-PASS



3DH5-Ant1-2480-30~1000-PASS



3DH5-Ant1-2480-1000~26500-PASS





## 14 Antenna Requirement

### 14.1 Test Standard and Requirement

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Test Standard | FCC Part15 Section 15.203 /247(c)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Requirement   | <p>1) 15.203 requirement:</p> <p>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.</p> <p>2) 15.247(c) (1)(i) requirement:</p> <p>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 6 dBi.</p> |

### 14.2 Antenna Connected Construction

The antenna is PCB Antenna which permanently attached, and the best case gain of the antenna is 2dBi. It complies with the standard requirement.

## 15 APPENDIX I -- TEST SETUP PHOTOGRAPH

Conducted Emissions



Radiated Emissions  
From 30M-1GHz



Above 1GHz

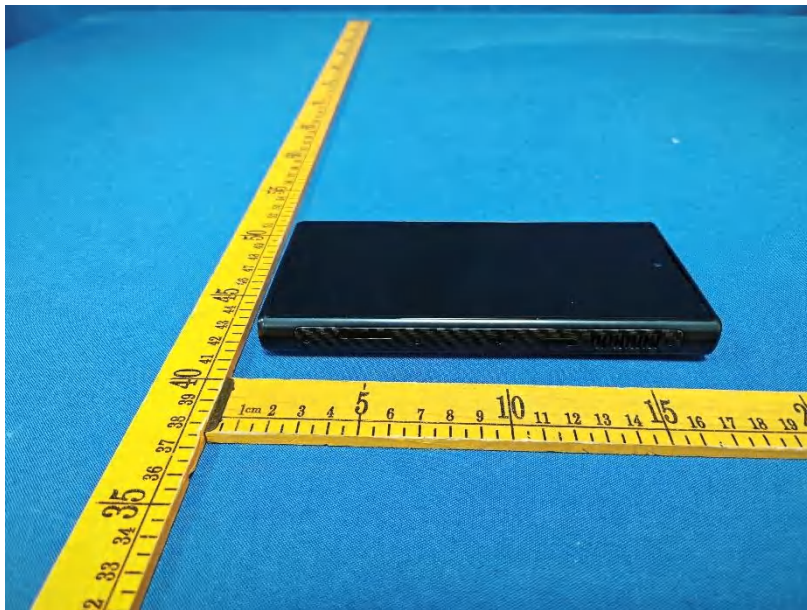


## 16 APPENDIX II -- EUT PHOTOGRAPH



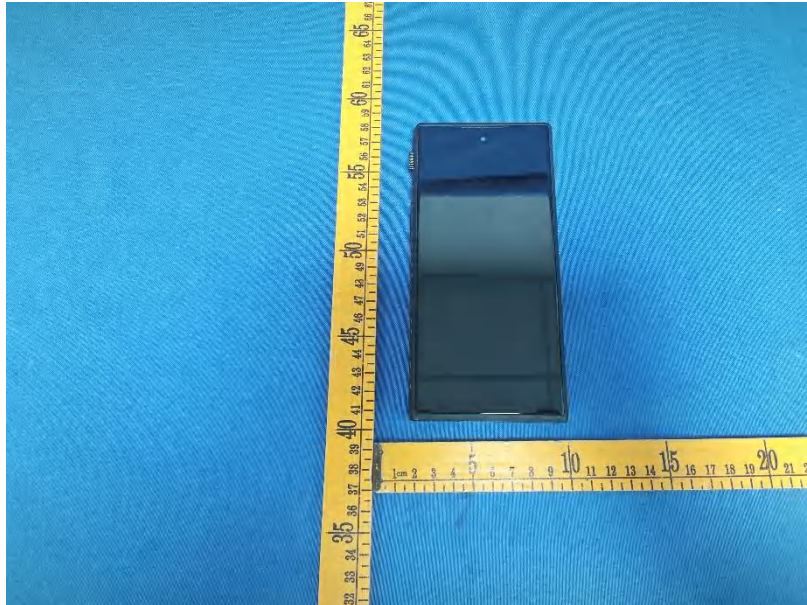
Appearance Color: Blue

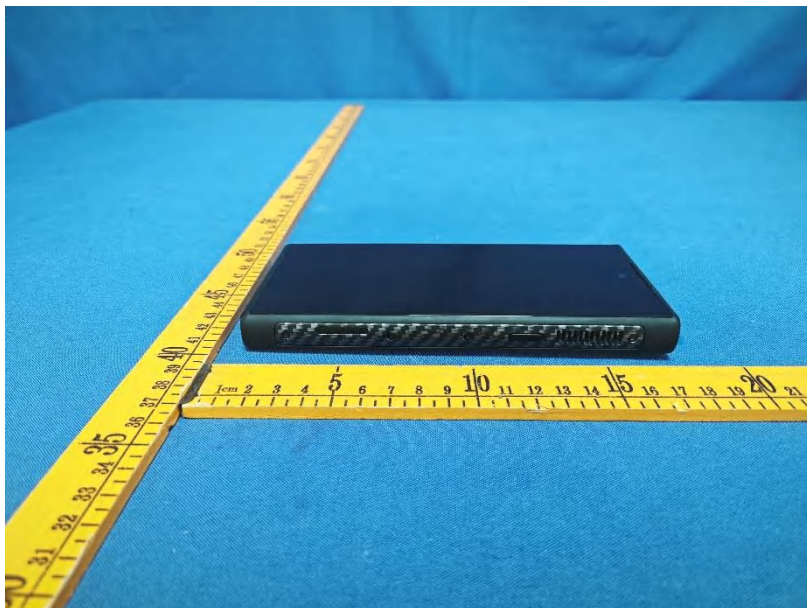


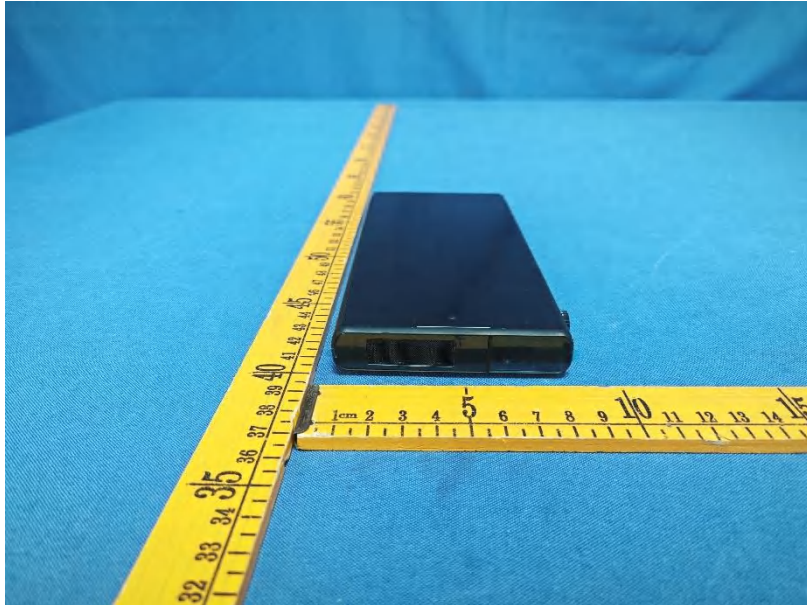




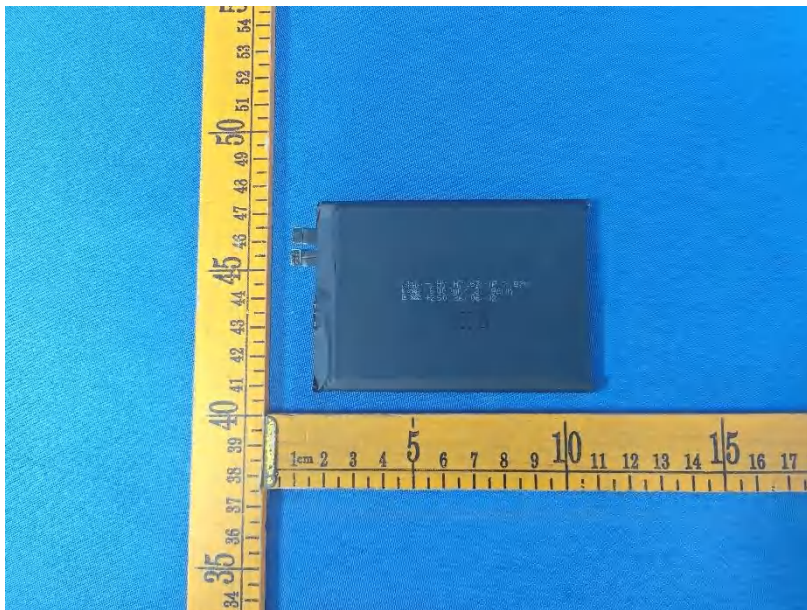
Appearance Color: Black

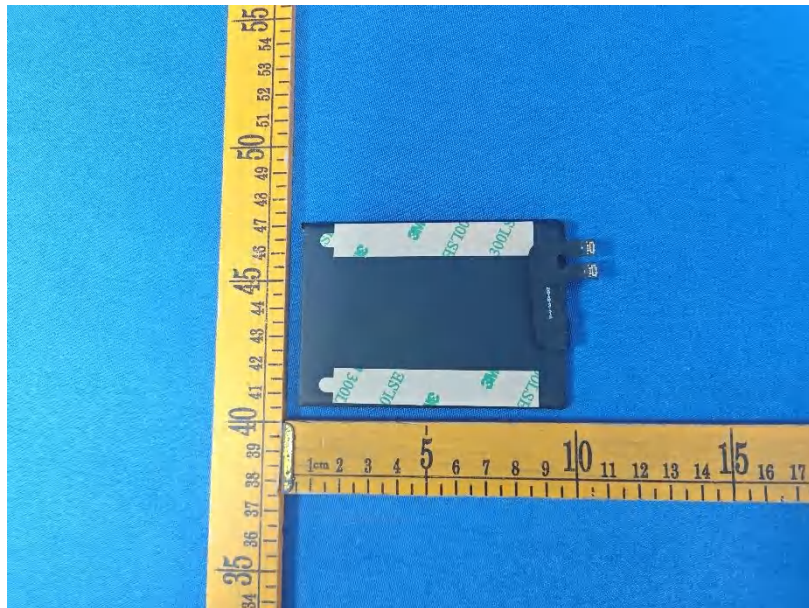


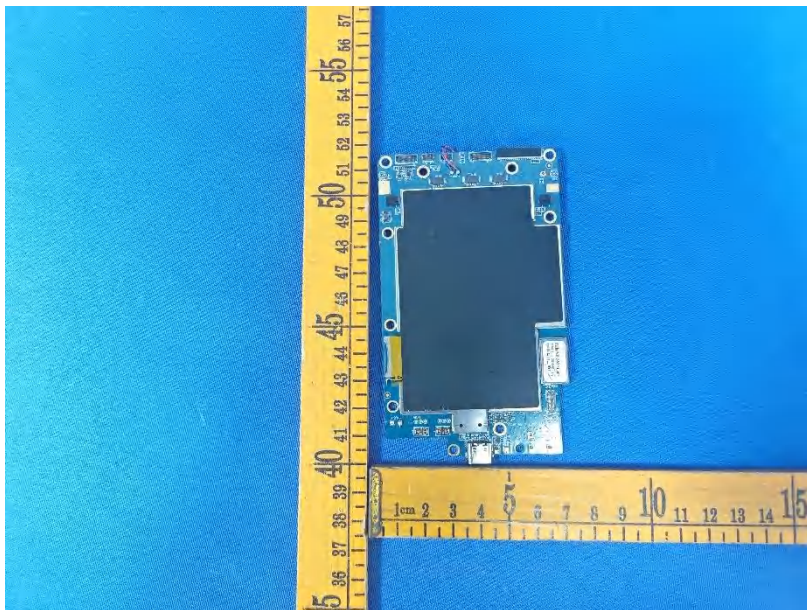


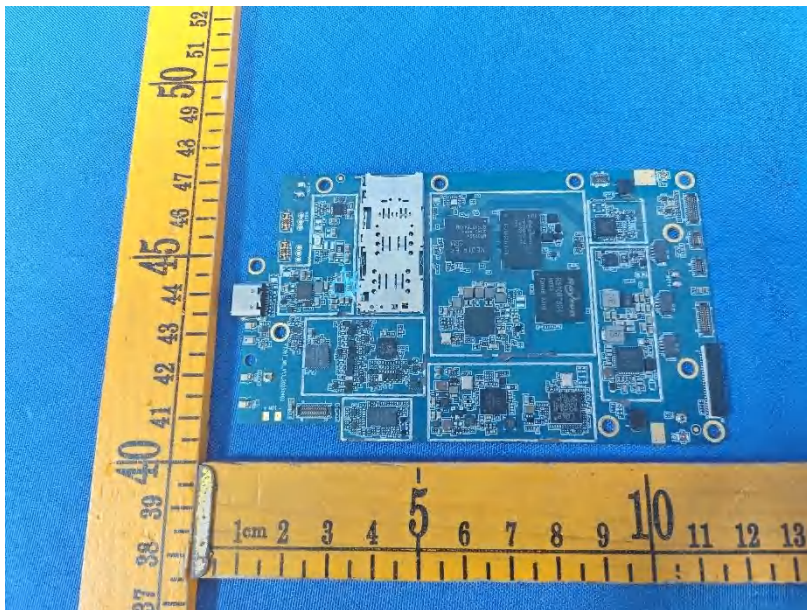
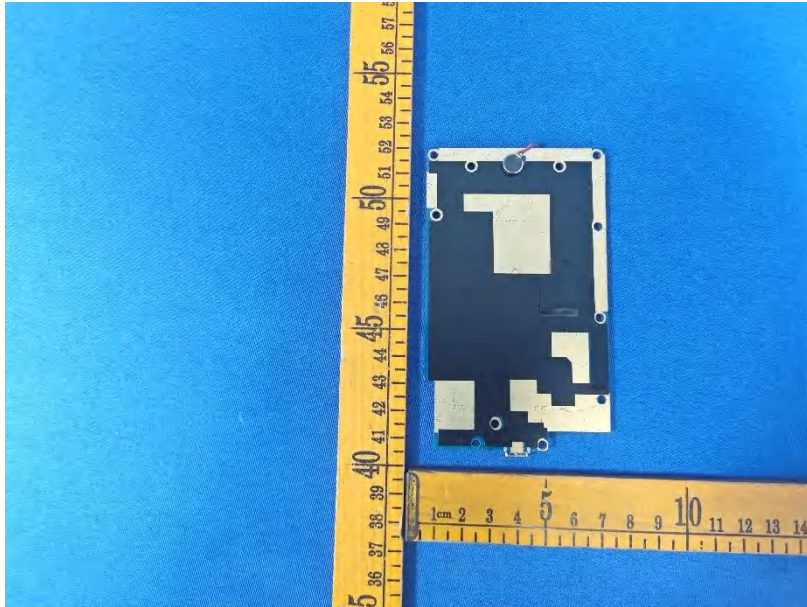


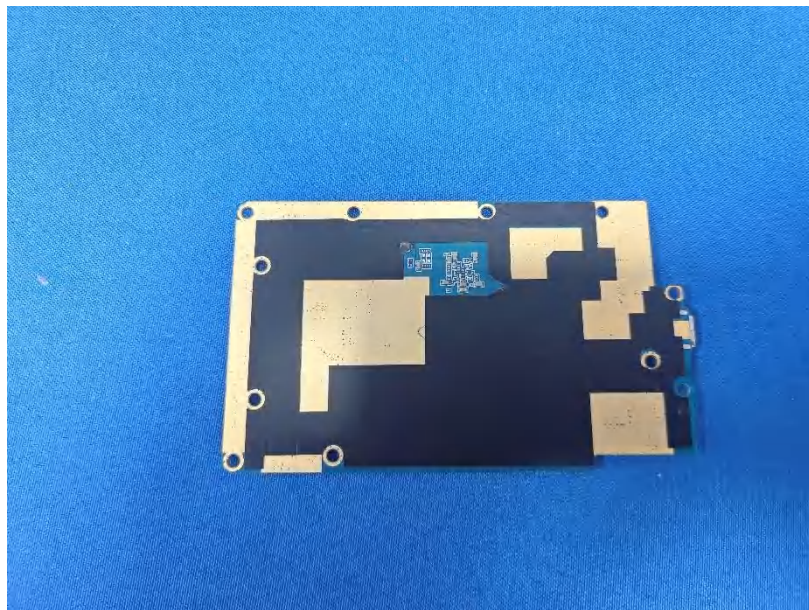
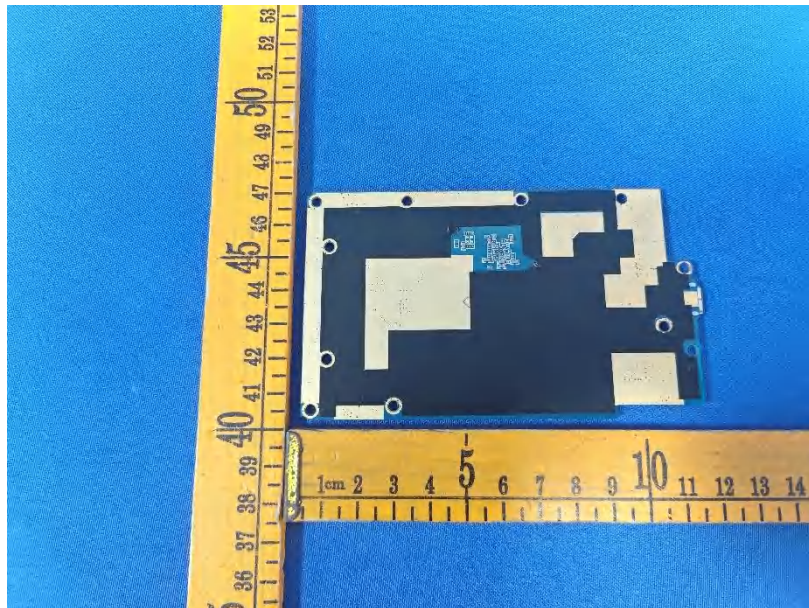


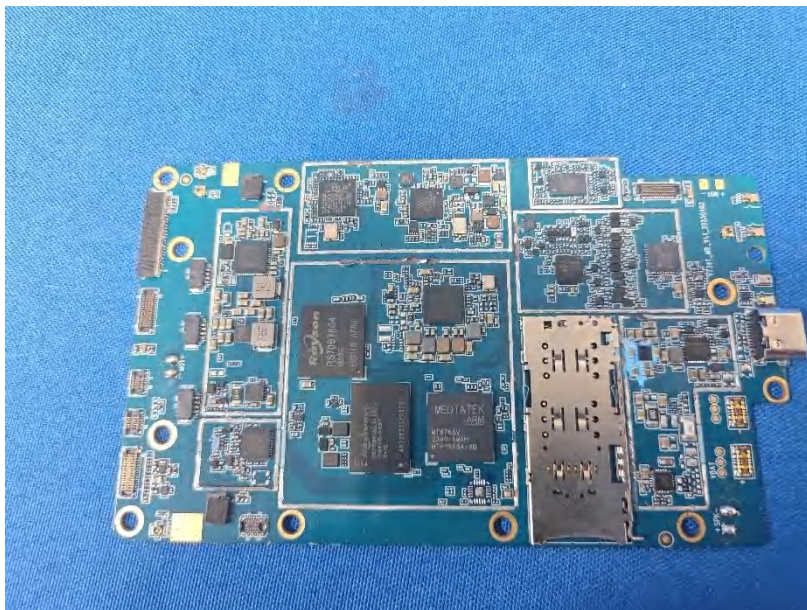
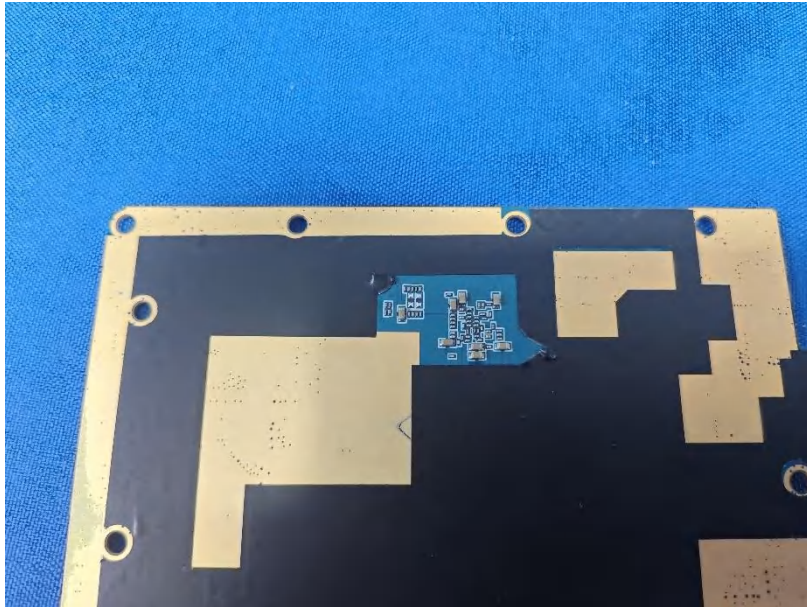


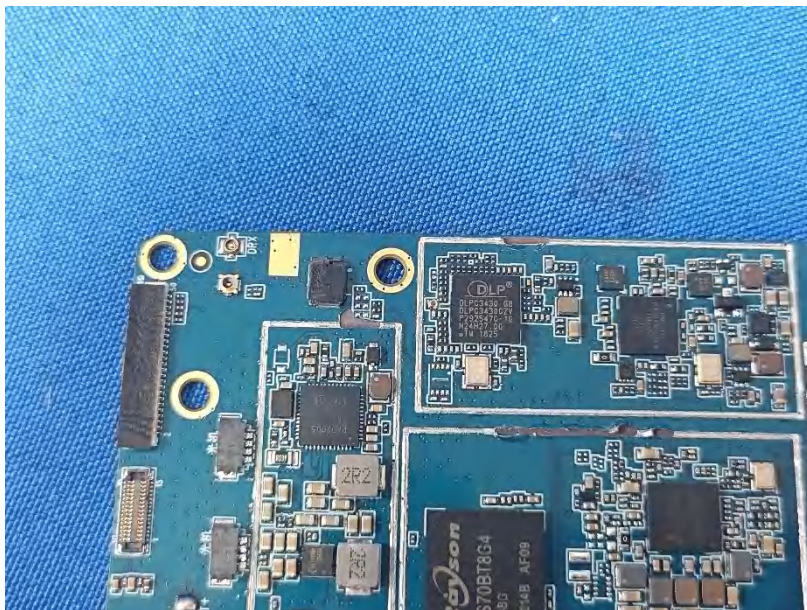
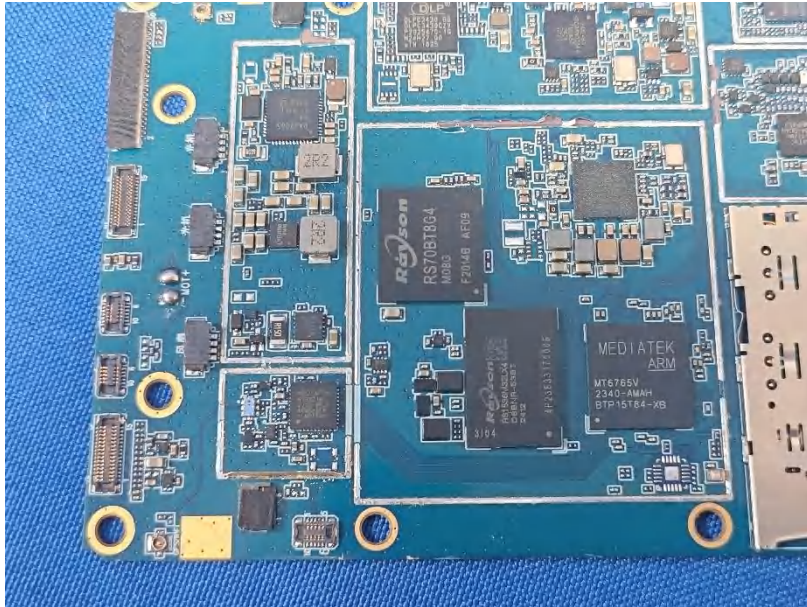


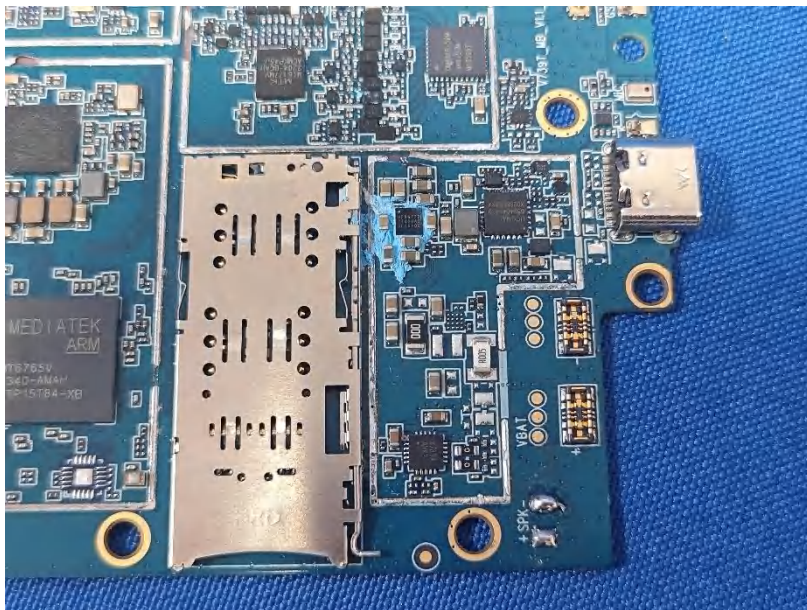
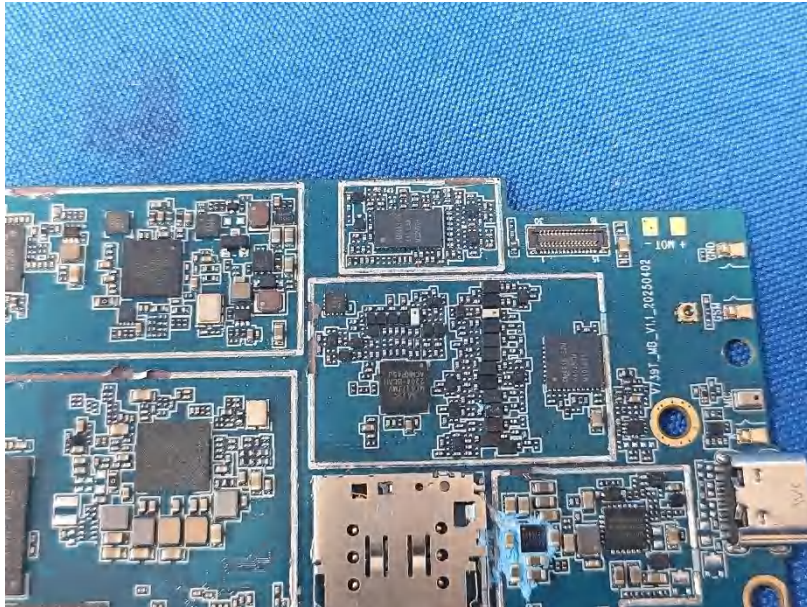












\*\*\*\*\*THE END REPORT\*\*\*\*\*