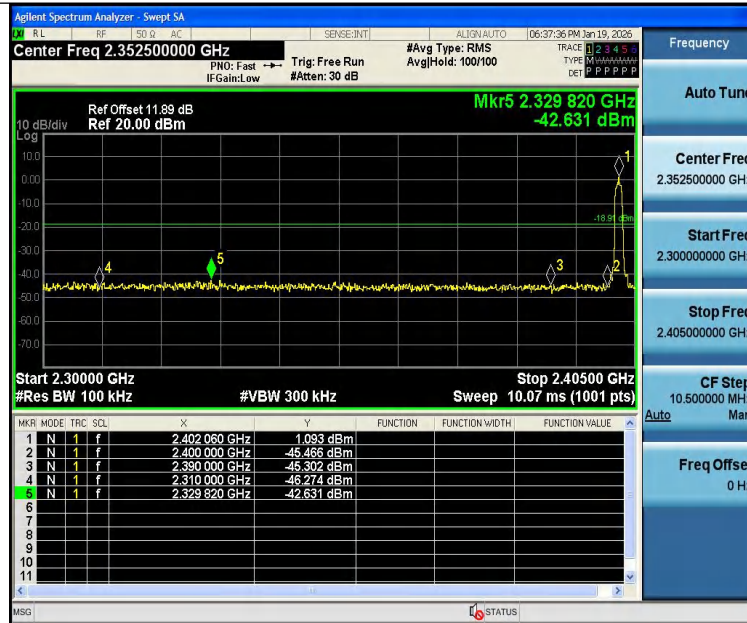
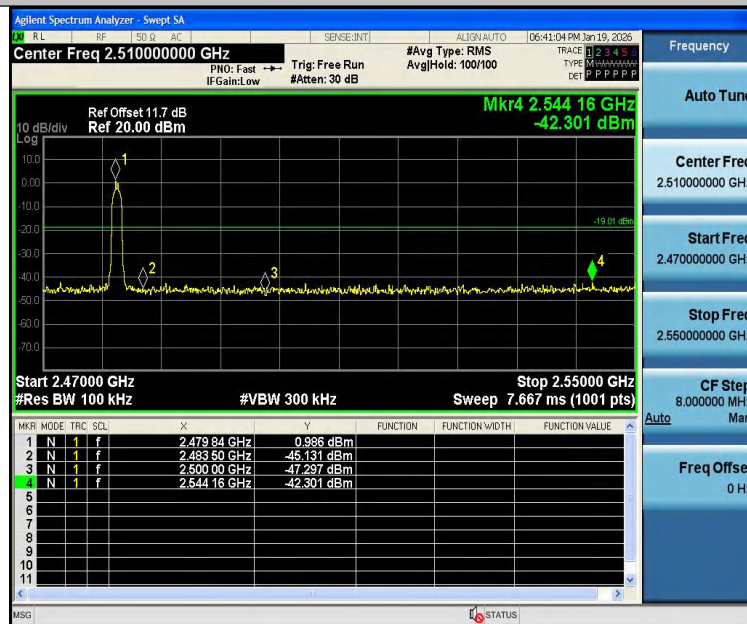
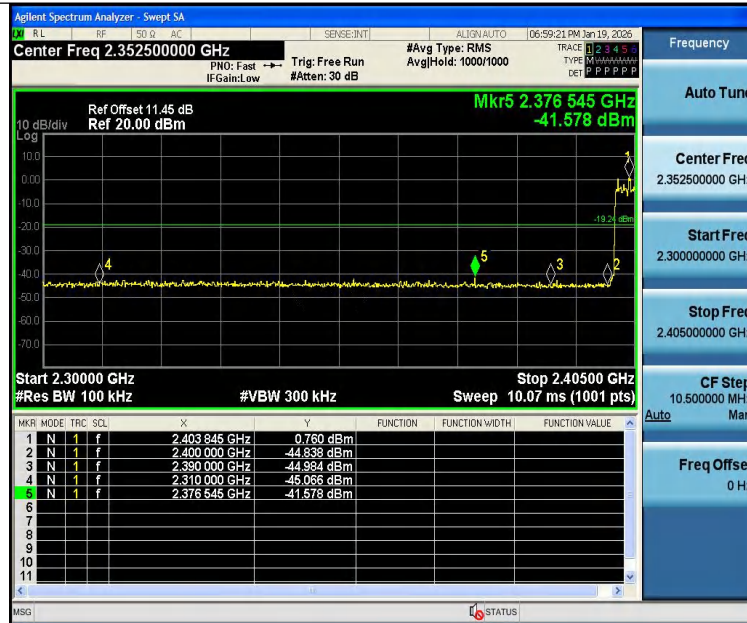




2DH5-Ant1-2480-PASS



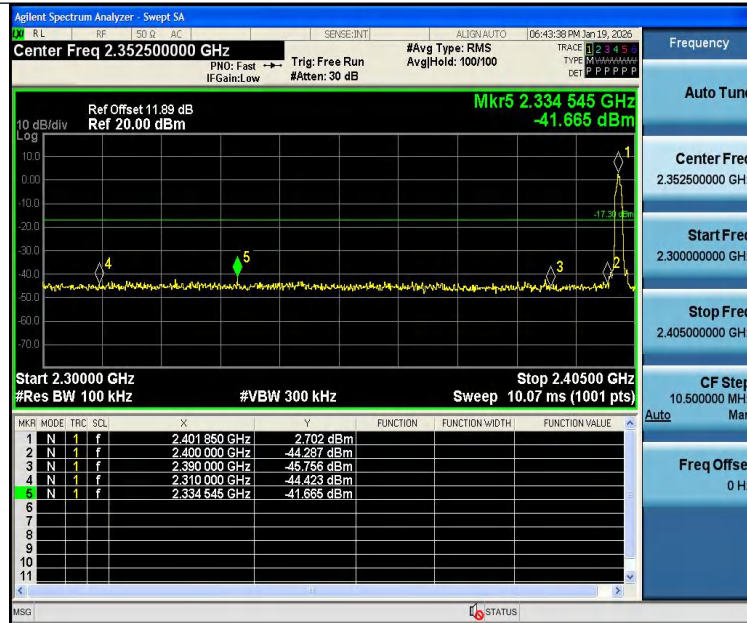
2DH5-Ant1-Hop\_2402-PASS



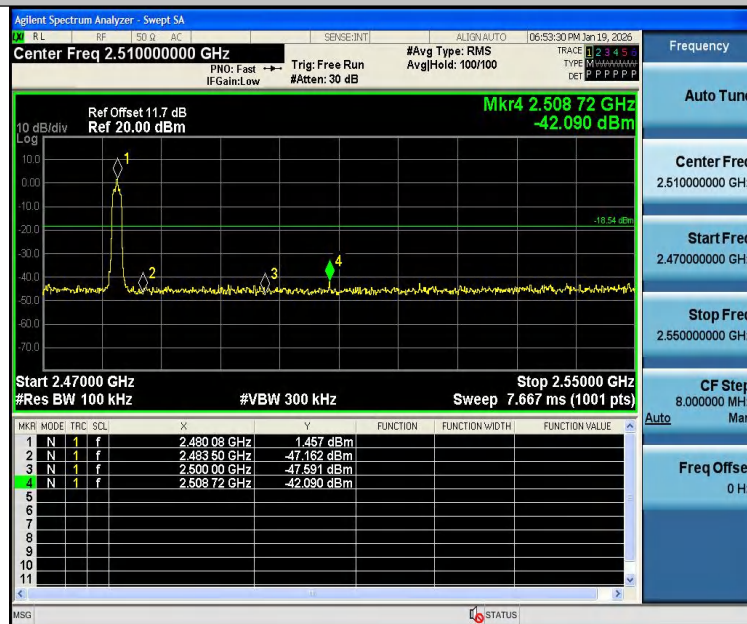
## 2DH5-Ant1-Hop\_2480-PASS



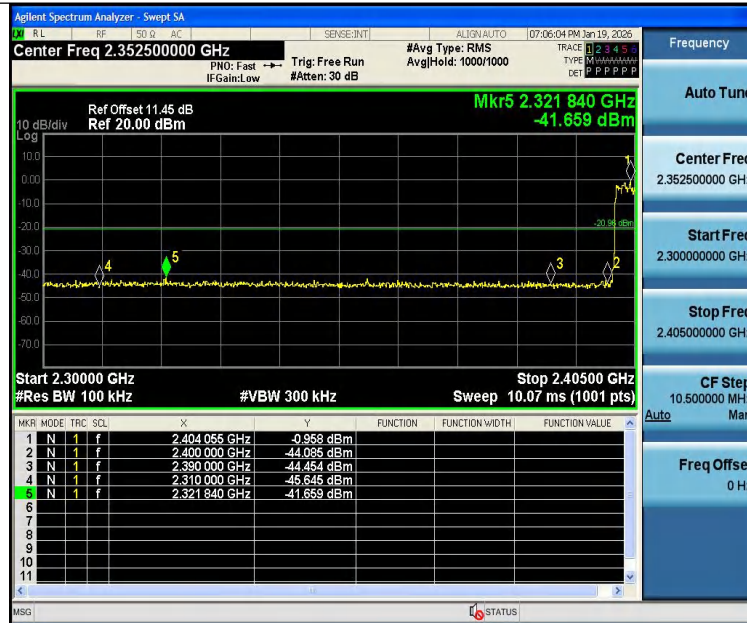
## 3DH5-Ant1-2402-PASS



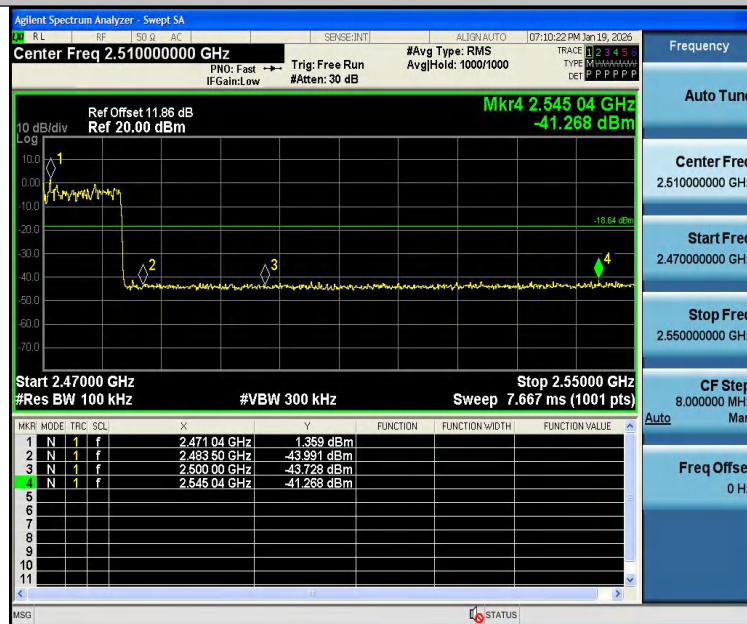
3DH5-Ant1-2480-PASS



3DH5-Ant1-Hop\_2402-PASS



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





## Conducted Emission Method

## Test Result

| TestMode | Antenna | Frequency[MHz] | FreqRange [MHz] | RefLevel [dBm] | Result [dBm] | Limit [dBm]   | Verdict |
|----------|---------|----------------|-----------------|----------------|--------------|---------------|---------|
| DH5      | Ant1    | 2402           | 0~Reference     | 2.65           | 2.65         | ---           | PASS    |
| DH5      | Ant1    | 2402           | 30~1000         | 2.65           | -54.6        | $\leq -17.35$ | PASS    |
| DH5      | Ant1    | 2402           | 1000~26500      | 2.65           | -37.97       | $\leq -17.35$ | PASS    |
| DH5      | Ant1    | 2441           | 0~Reference     | 0.96           | 0.96         | ---           | PASS    |
| DH5      | Ant1    | 2441           | 30~1000         | 0.96           | -54.21       | $\leq -19.04$ | PASS    |
| DH5      | Ant1    | 2441           | 1000~26500      | 0.96           | -42.41       | $\leq -19.04$ | PASS    |
| DH5      | Ant1    | 2480           | 0~Reference     | 1.18           | 1.18         | ---           | PASS    |
| DH5      | Ant1    | 2480           | 30~1000         | 1.18           | -54.67       | $\leq -18.82$ | PASS    |
| DH5      | Ant1    | 2480           | 1000~26500      | 1.18           | -42.15       | $\leq -18.82$ | PASS    |
| 2DH5     | Ant1    | 2402           | 0~Reference     | -1.11          | -1.11        | ---           | PASS    |
| 2DH5     | Ant1    | 2402           | 30~1000         | -1.11          | -54.55       | $\leq -21.11$ | PASS    |
| 2DH5     | Ant1    | 2402           | 1000~26500      | -1.11          | -42.09       | $\leq -21.11$ | PASS    |
| 2DH5     | Ant1    | 2441           | 0~Reference     | -0.80          | -0.80        | ---           | PASS    |
| 2DH5     | Ant1    | 2441           | 30~1000         | -0.80          | -54.07       | $\leq -20.8$  | PASS    |
| 2DH5     | Ant1    | 2441           | 1000~26500      | -0.80          | -41.88       | $\leq -20.8$  | PASS    |
| 2DH5     | Ant1    | 2480           | 0~Reference     | 1.25           | 1.25         | ---           | PASS    |
| 2DH5     | Ant1    | 2480           | 30~1000         | 1.25           | -54.76       | $\leq -18.75$ | PASS    |
| 2DH5     | Ant1    | 2480           | 1000~26500      | 1.25           | -42.21       | $\leq -18.75$ | PASS    |
| 3DH5     | Ant1    | 2402           | 0~Reference     | 2.50           | 2.50         | ---           | PASS    |
| 3DH5     | Ant1    | 2402           | 30~1000         | 2.50           | -53.16       | $\leq -17.5$  | PASS    |
| 3DH5     | Ant1    | 2402           | 1000~26500      | 2.50           | -41.85       | $\leq -17.5$  | PASS    |
| 3DH5     | Ant1    | 2441           | 0~Reference     | 1.01           | 1.01         | ---           | PASS    |
| 3DH5     | Ant1    | 2441           | 30~1000         | 1.01           | -54.5        | $\leq -18.99$ | PASS    |
| 3DH5     | Ant1    | 2441           | 1000~26500      | 1.01           | -41.83       | $\leq -18.99$ | PASS    |
| 3DH5     | Ant1    | 2480           | 0~Reference     | -2.46          | -2.46        | ---           | PASS    |
| 3DH5     | Ant1    | 2480           | 30~1000         | -2.46          | -54.33       | $\leq -22.46$ | PASS    |
| 3DH5     | Ant1    | 2480           | 1000~26500      | -2.46          | -42.07       | $\leq -22.46$ | PASS    |



## Test Graphs:

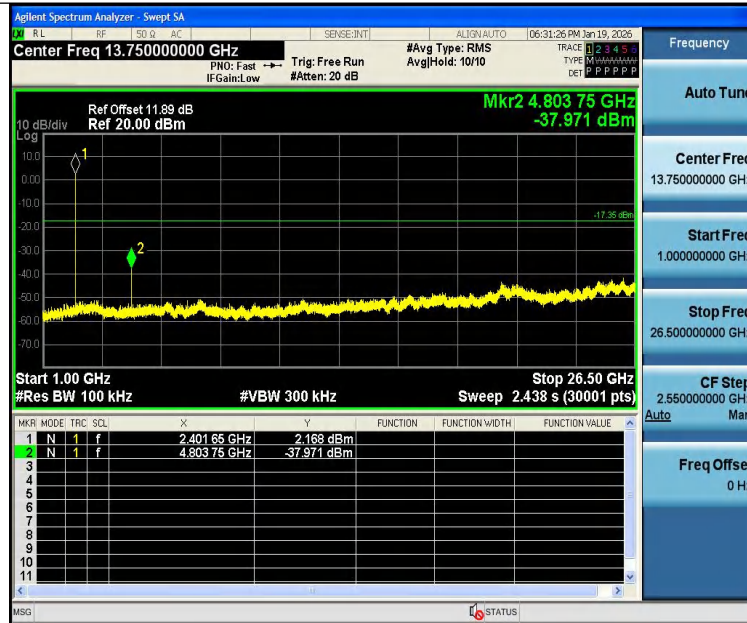
DH5-Ant1-2402-0~Reference-PASS



DH5-Ant1-2402-30~1000-PASS



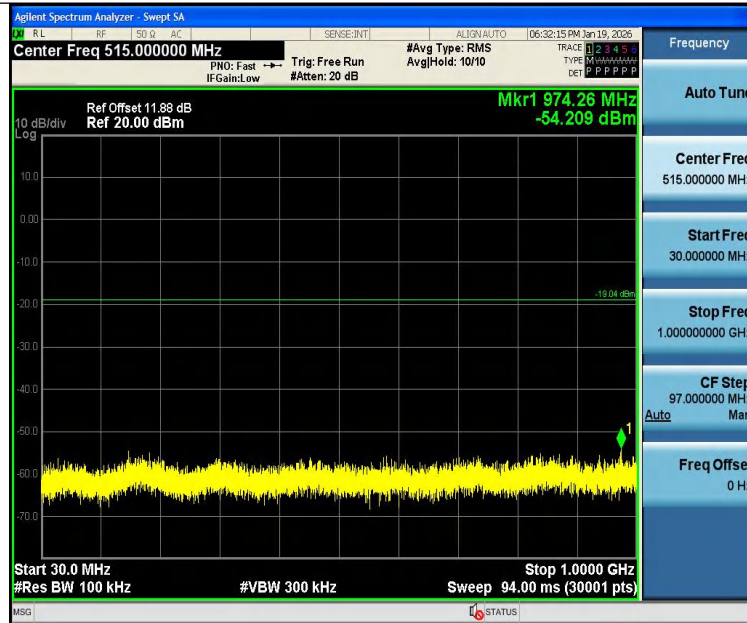
DH5-Ant1-2402-1000~26500-PASS



DH5-Ant1-2441-0~Reference-PASS



DH5-Ant1-2441-30~1000-PASS



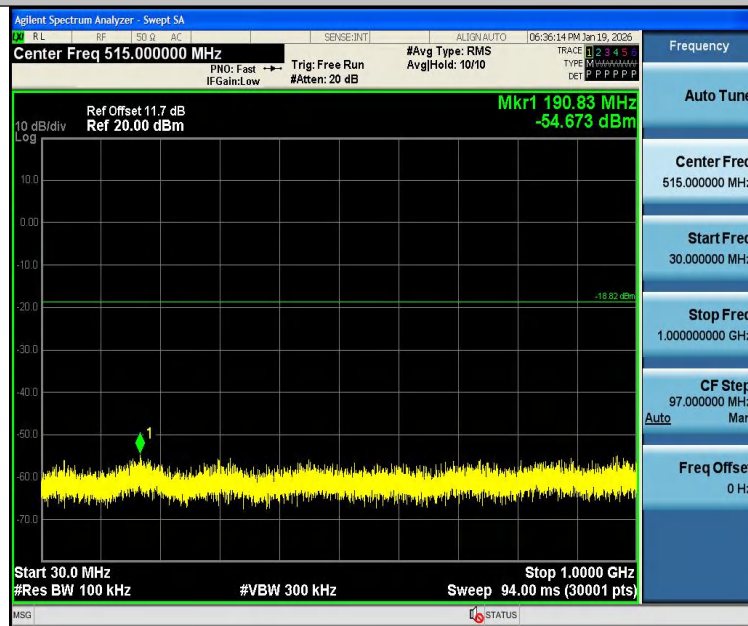
## DH5-Ant1-2441-1000~26500-PASS



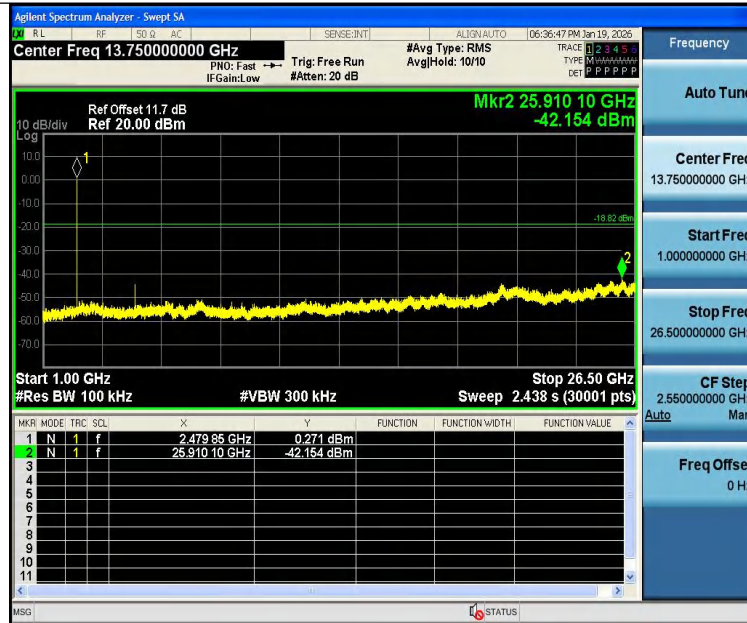
## DH5-Ant1-2480-0~Reference-PASS



DH5-Ant1-2480-30~1000-PASS



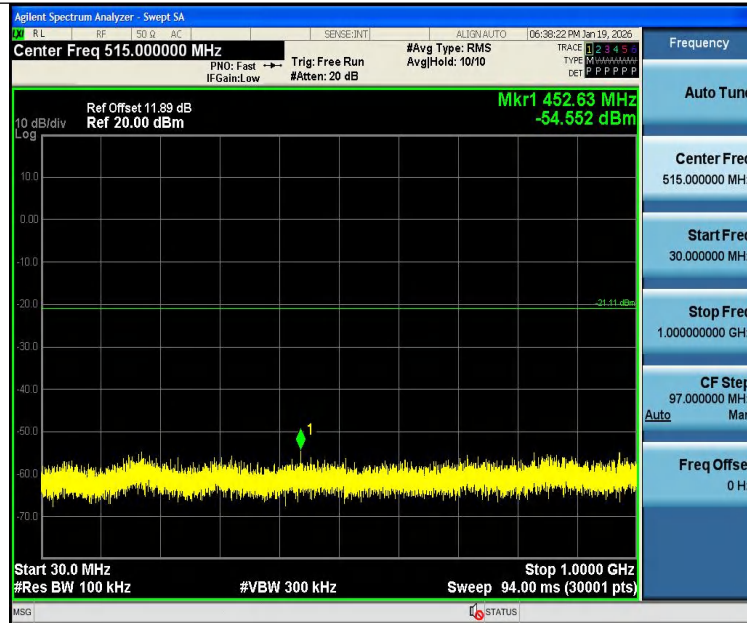
DH5-Ant1-2480-1000~26500-PASS



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



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



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



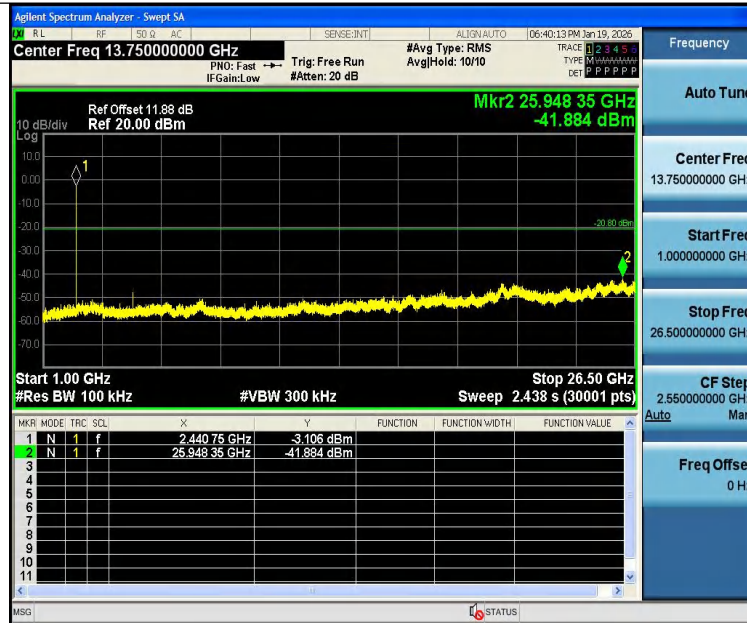
2DH5-Ant1-2441-0~Reference-PASS



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



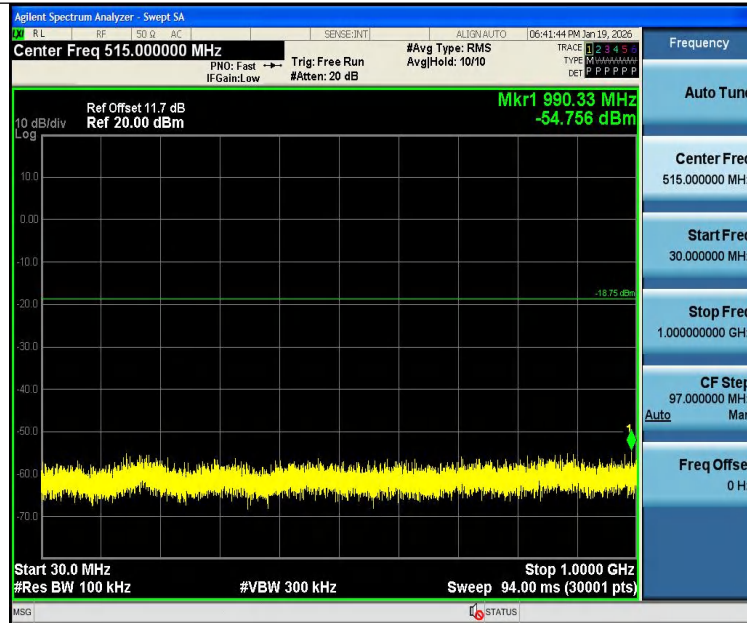
2DH5-Ant1-2441-1000~26500-PASS



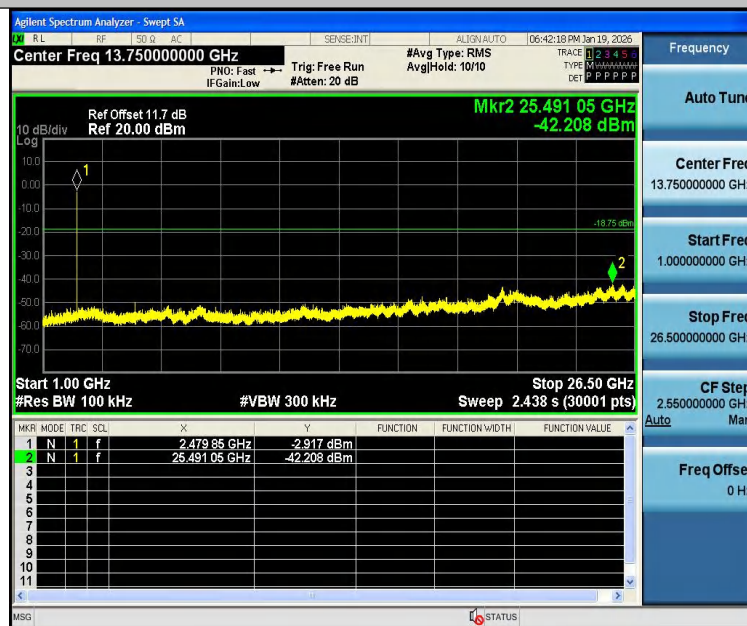
2DH5-Ant1-2480-0~Reference-PASS



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



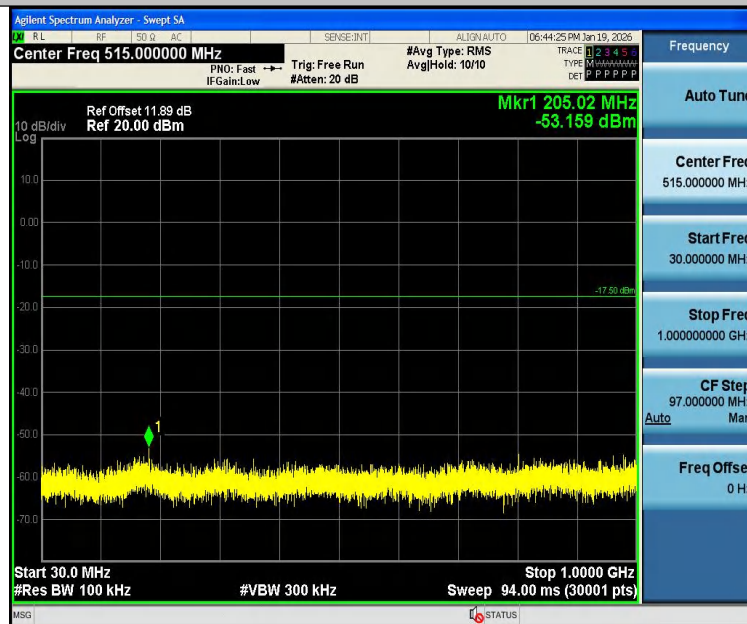
2DH5-Ant1-2480-1000~26500-PASS



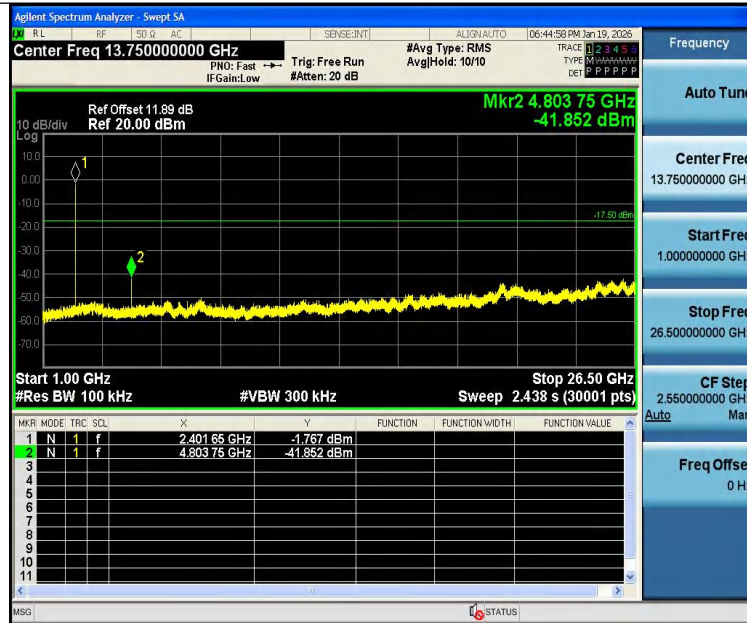
3DH5-Ant1-2402-0~Reference-PASS



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



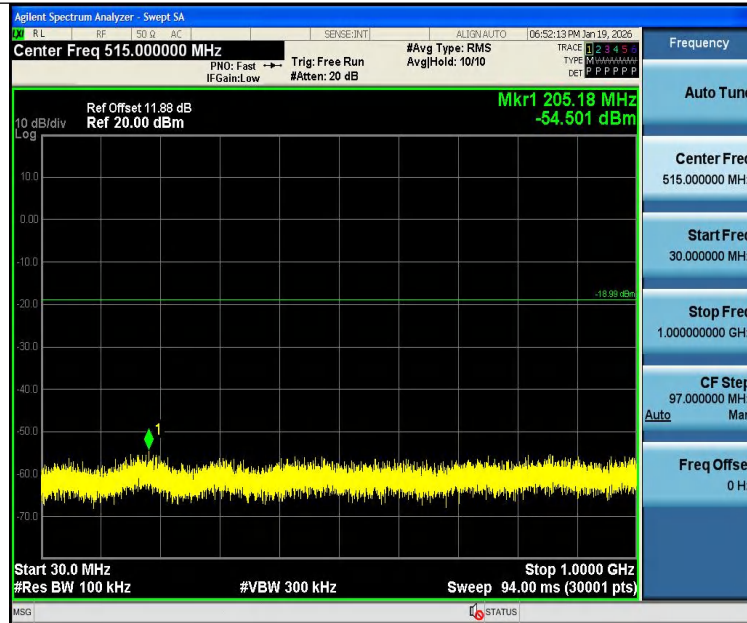
3DH5-Ant1-2402-1000~26500-PASS



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



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



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



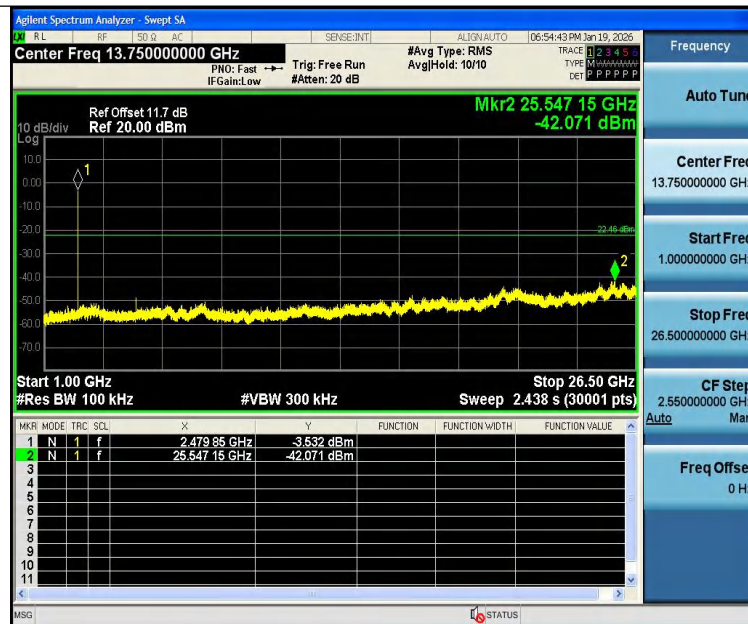
3DH5-Ant1-2480-0~Reference-PASS



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

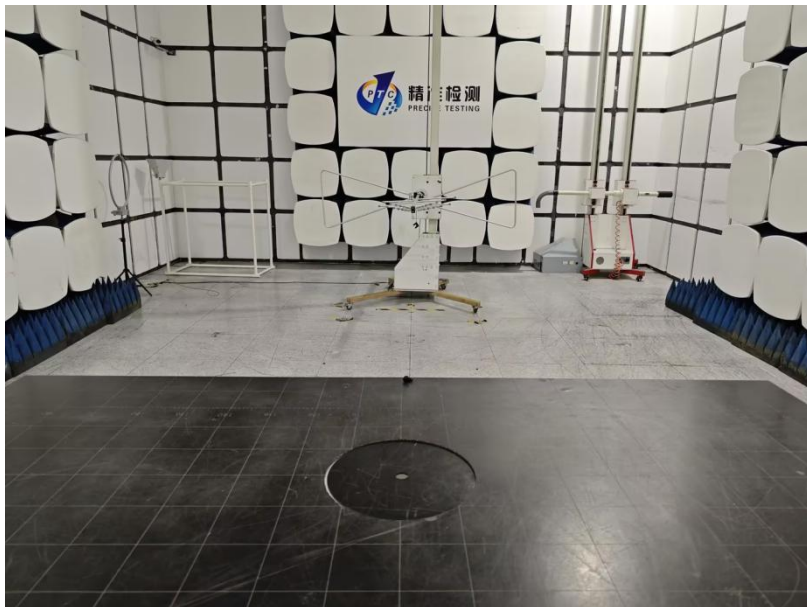
The antenna is Ceramic antenna which permanently attached, and the best case gain of the antenna is 2.7 dBi. It complies with the standard requirement.

## 15 APPENDIX I -- TEST SETUP PHOTOGRAPH

### Conducted Emissions



### Radiated Emissions From 30M-1GHz



Above 1GHz



## 16 APPENDIX II -- EUT PHOTOGRAPH







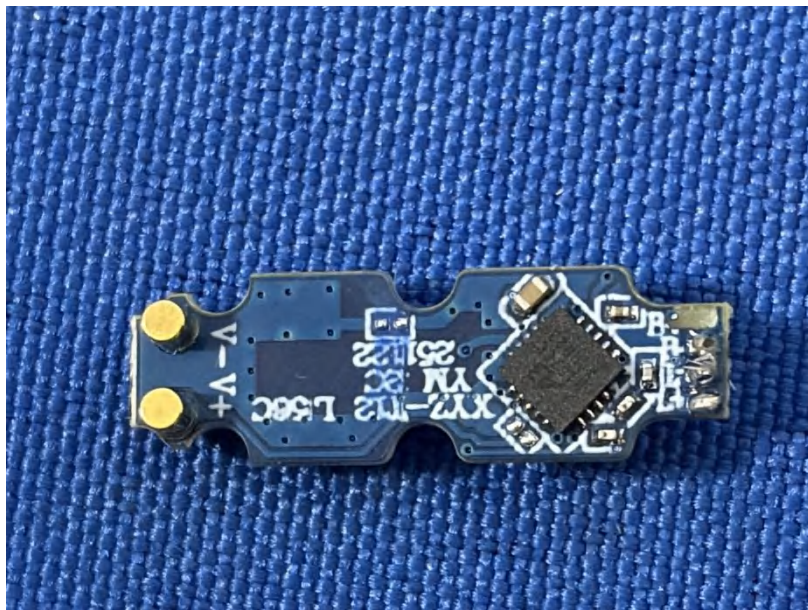
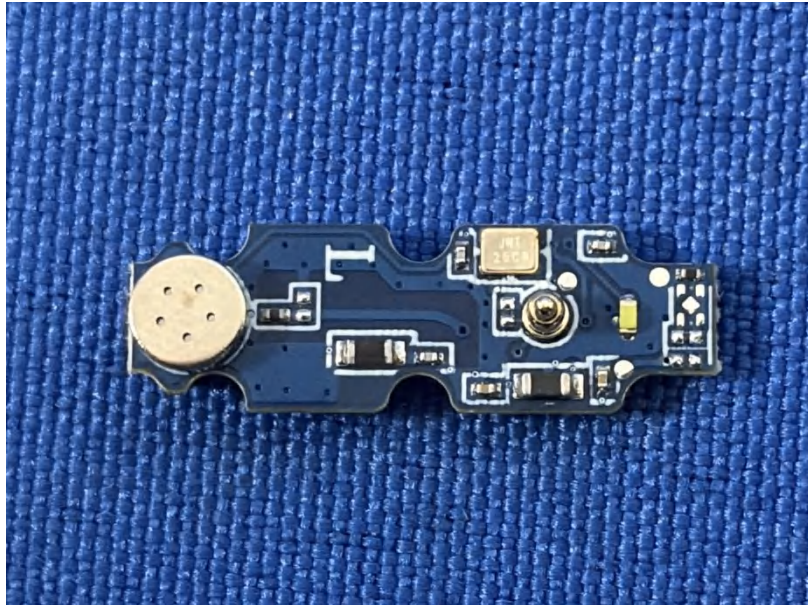




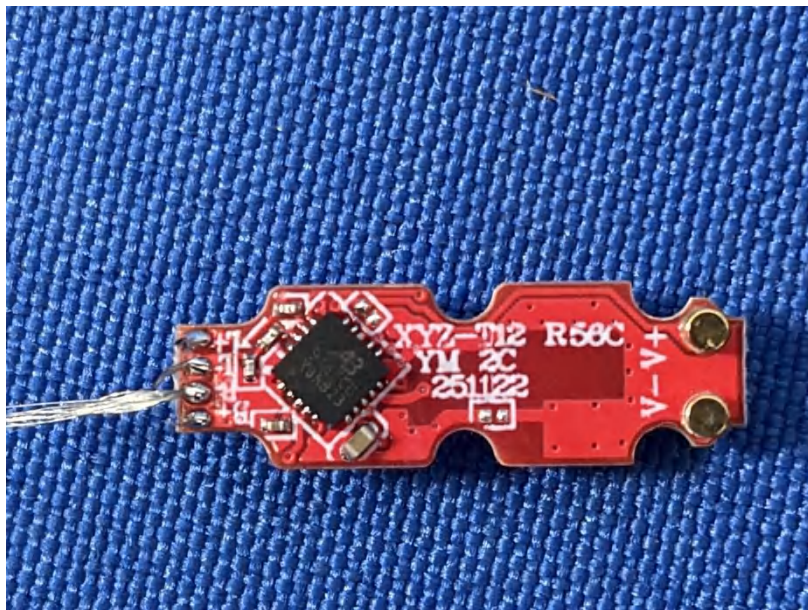
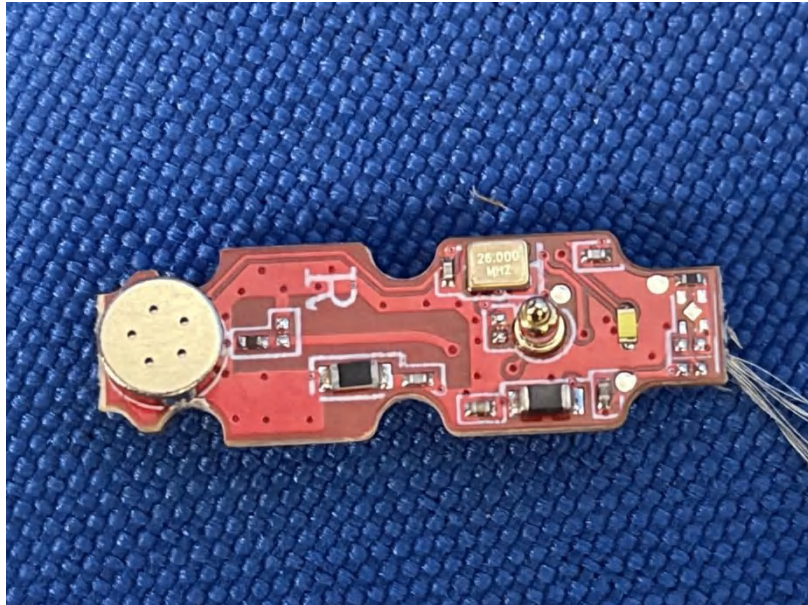


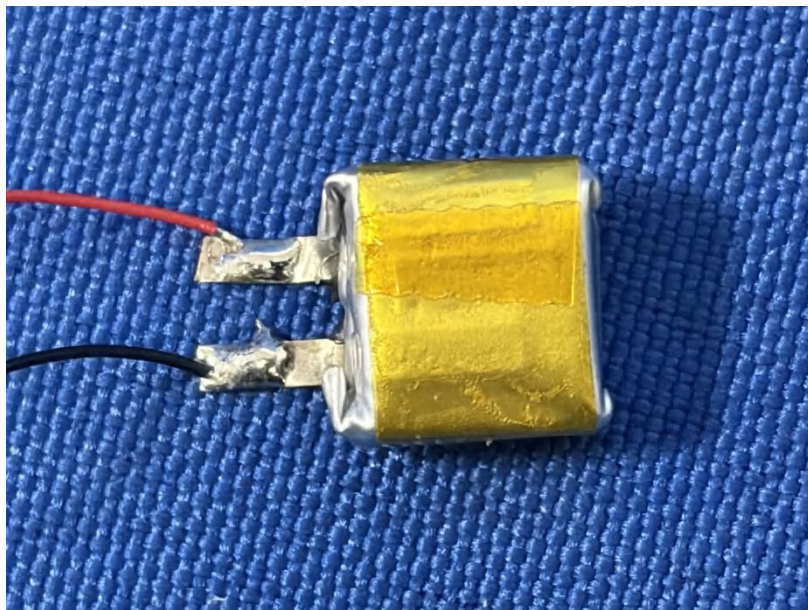












\*\*\*\*\*THE END REPORT\*\*\*\*\*