

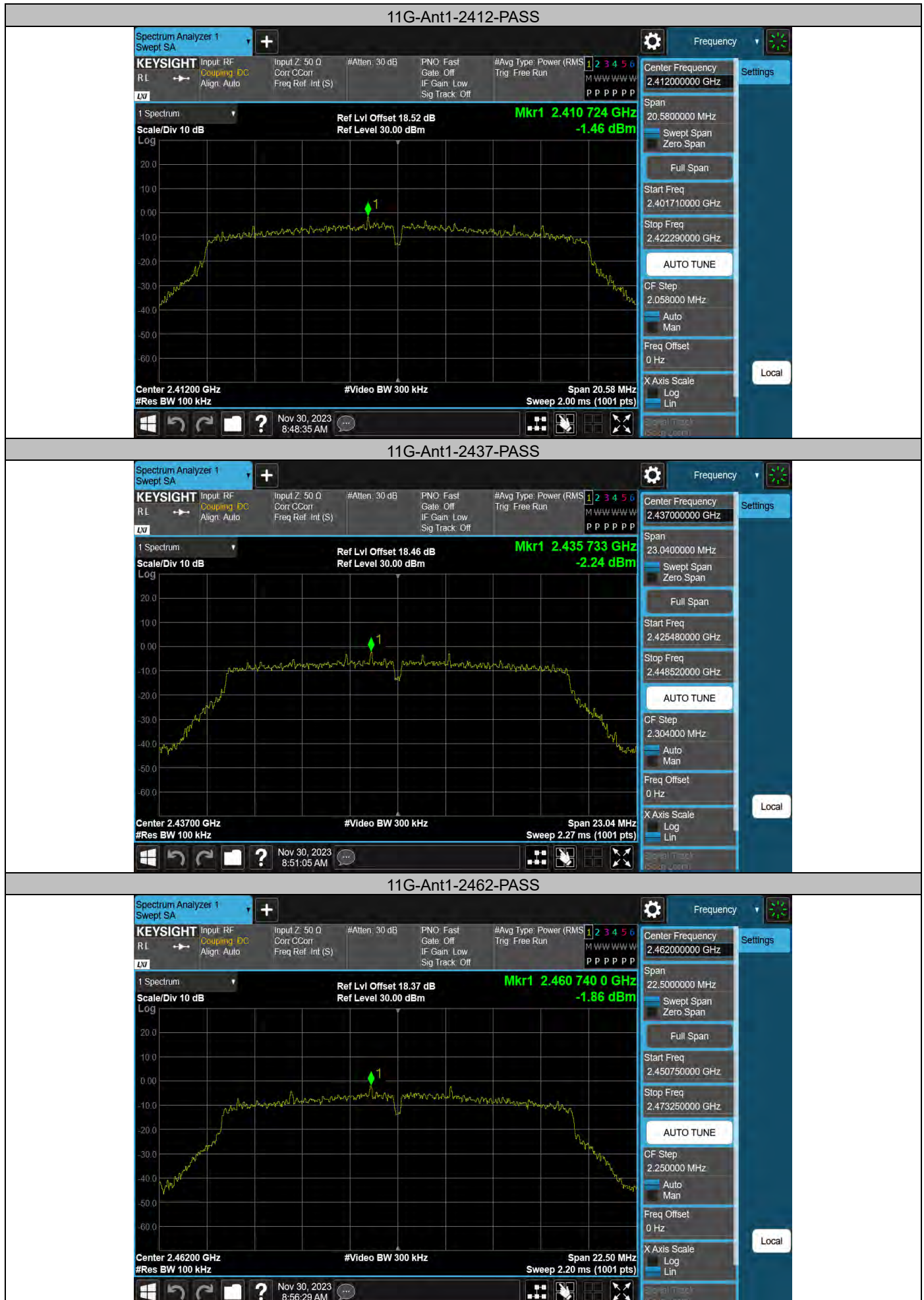
## Appendix E: Reference level measurement

## Test Result

| TestMode  | Antenna | Freq(MHz) | Max.Point[MHz] | Result[dBm] |
|-----------|---------|-----------|----------------|-------------|
| 11B       | Ant1    | 2412      | 2411.49        | 5.84        |
| 11B       | Ant1    | 2437      | 2436.01        | 5.20        |
| 11B       | Ant1    | 2462      | 2463.01        | 4.96        |
| 11G       | Ant1    | 2412      | 2410.72        | -1.46       |
| 11G       | Ant1    | 2437      | 2435.73        | -2.24       |
| 11G       | Ant1    | 2462      | 2460.74        | -1.86       |
| 11N20SISO | Ant1    | 2412      | 2410.76        | -1.46       |
| 11N20SISO | Ant1    | 2437      | 2435.76        | -2.82       |
| 11N20SISO | Ant1    | 2462      | 2460.74        | -2.02       |
| 11N40SISO | Ant1    | 2422      | 2413.27        | -3.50       |
| 11N40SISO | Ant1    | 2437      | 2434.49        | -5.52       |
| 11N40SISO | Ant1    | 2452      | 2460.73        | -3.93       |

## Test Graphs







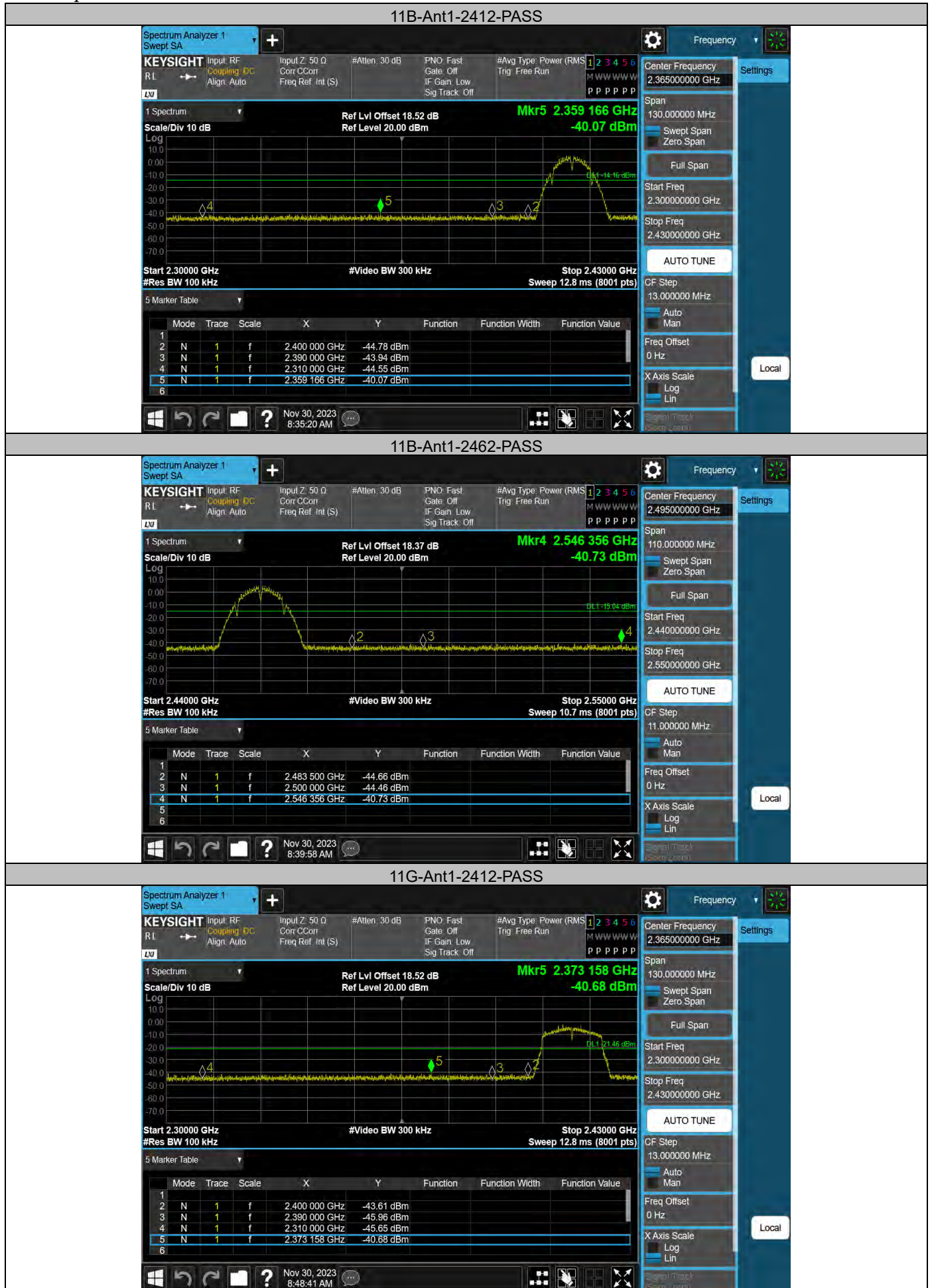


## Appendix F: Band edge measurements

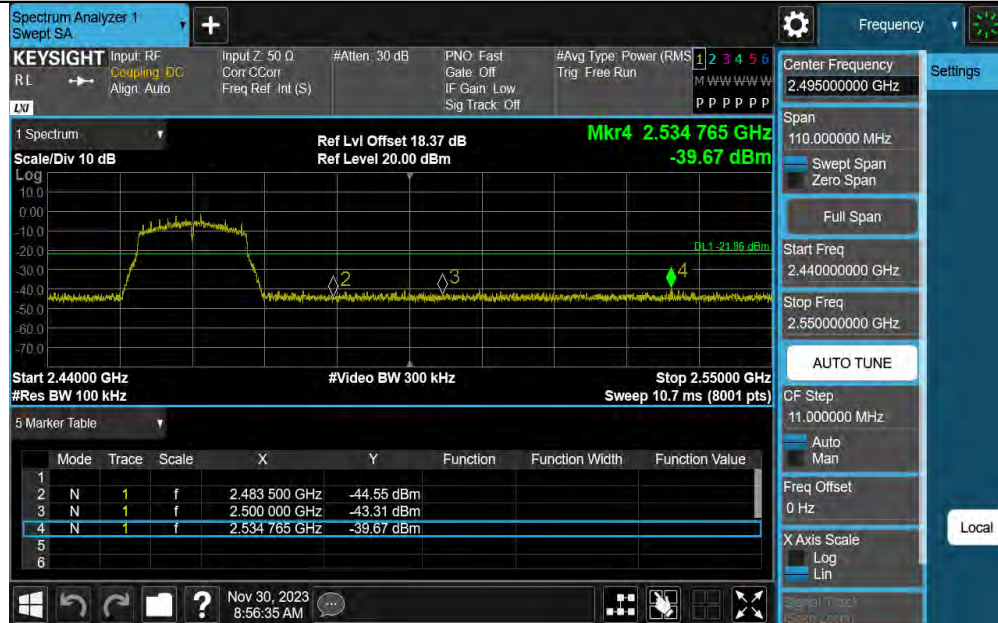
## Test Result

| TestMode  | Antenna | ChName | Frequency[MHz] | RefLevel[dBm] | Result[dBm] | Limit[dBm]    | Verdict |
|-----------|---------|--------|----------------|---------------|-------------|---------------|---------|
| 11B       | Ant1    | Low    | 2412           | 5.84          | -40.07      | $\leq -14.16$ | PASS    |
| 11B       | Ant1    | High   | 2462           | 4.96          | -40.73      | $\leq -15.04$ | PASS    |
| 11G       | Ant1    | Low    | 2412           | -1.46         | -40.68      | $\leq -21.46$ | PASS    |
| 11G       | Ant1    | High   | 2462           | -1.86         | -39.67      | $\leq -21.86$ | PASS    |
| 11N20SISO | Ant1    | Low    | 2412           | -1.46         | -40.03      | $\leq -21.46$ | PASS    |
| 11N20SISO | Ant1    | High   | 2462           | -2.02         | -40.59      | $\leq -22.02$ | PASS    |
| 11N40SISO | Ant1    | Low    | 2422           | -3.50         | -40.76      | $\leq -23.5$  | PASS    |
| 11N40SISO | Ant1    | High   | 2452           | -3.93         | -40.07      | $\leq -23.93$ | PASS    |

## Test Graphs



## 11G-Ant1-2462-PASS

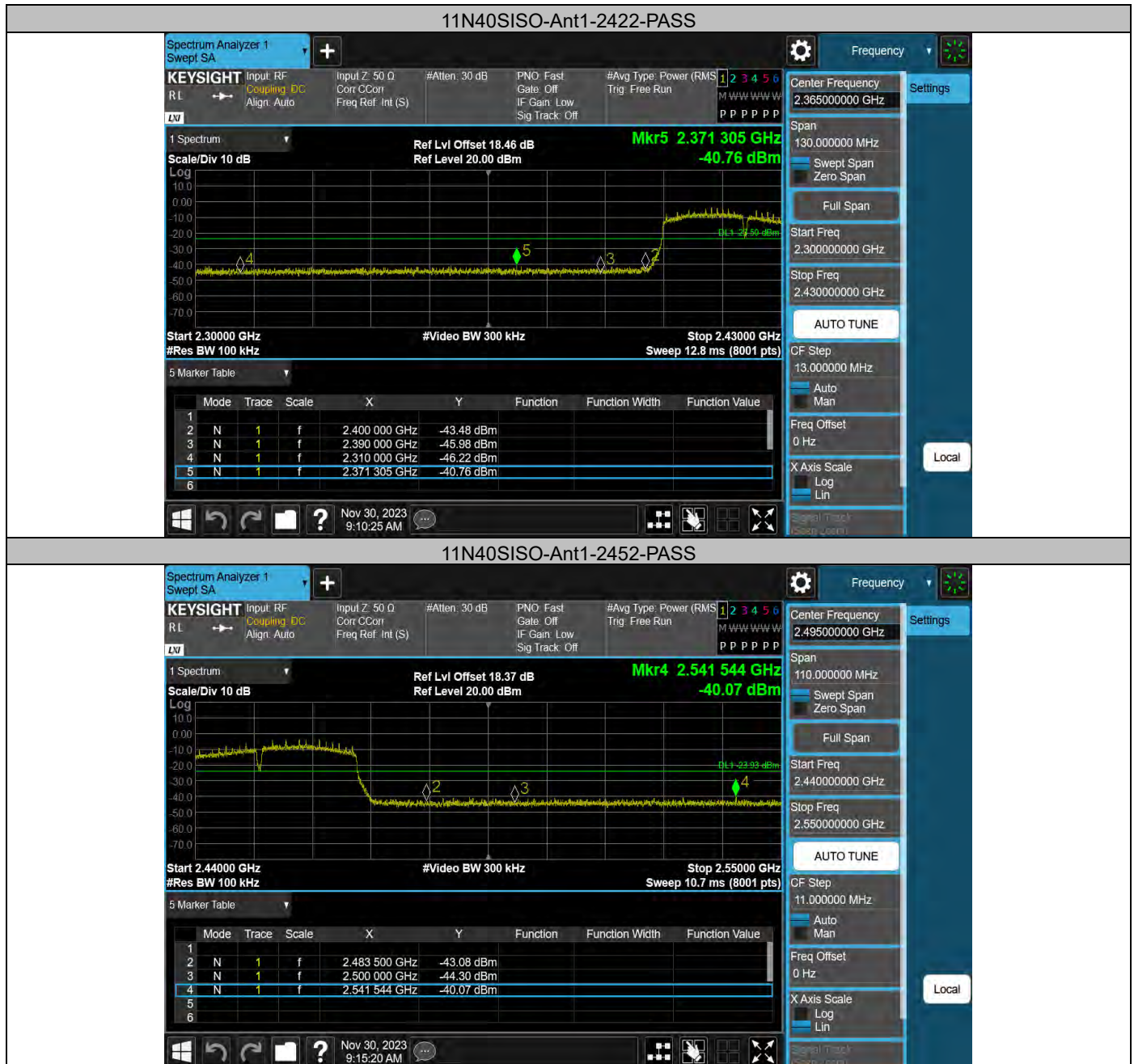


## 11N20SISO-Ant1-2412-PASS



## 11N20SISO-Ant1-2462-PASS

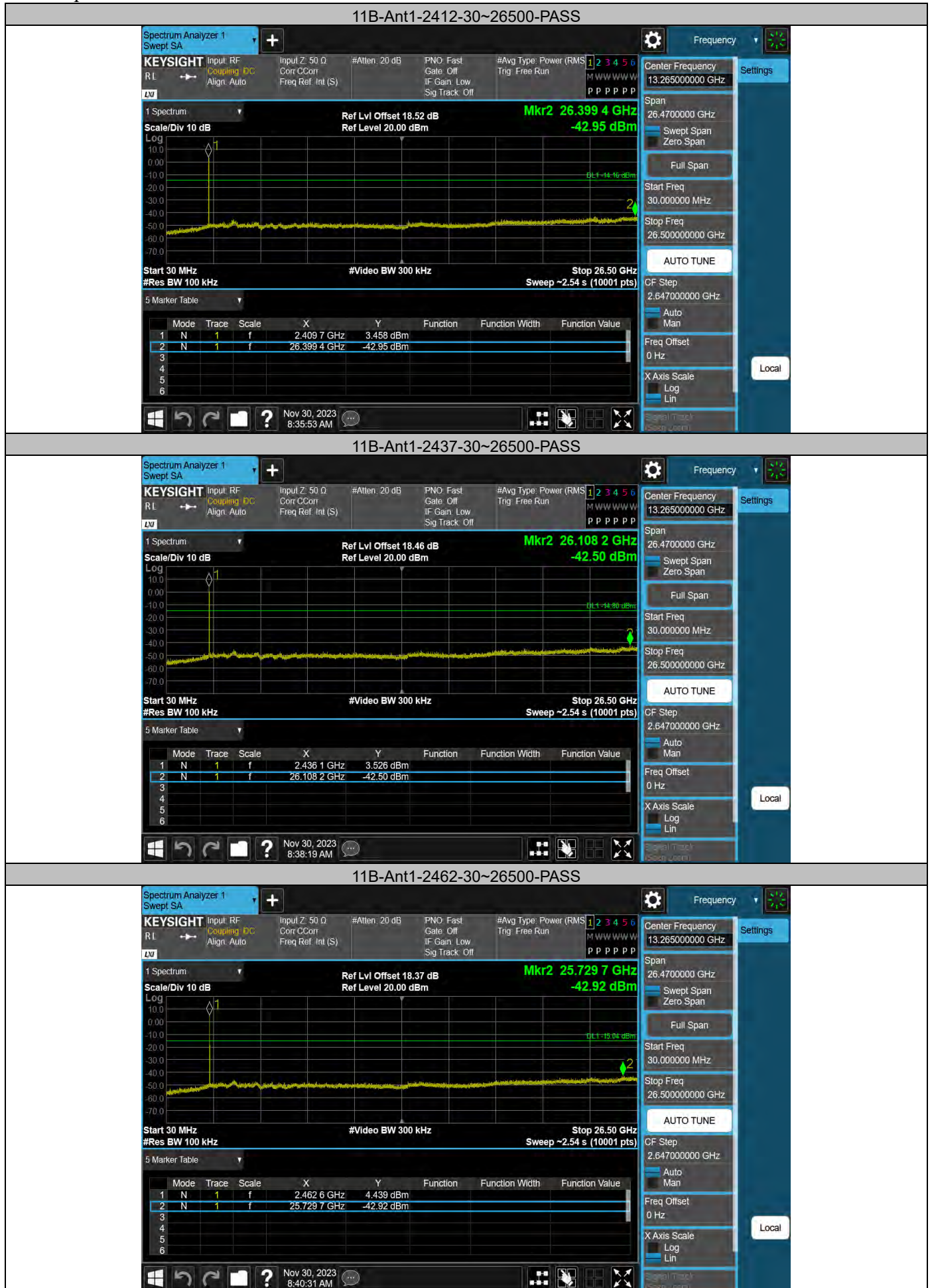


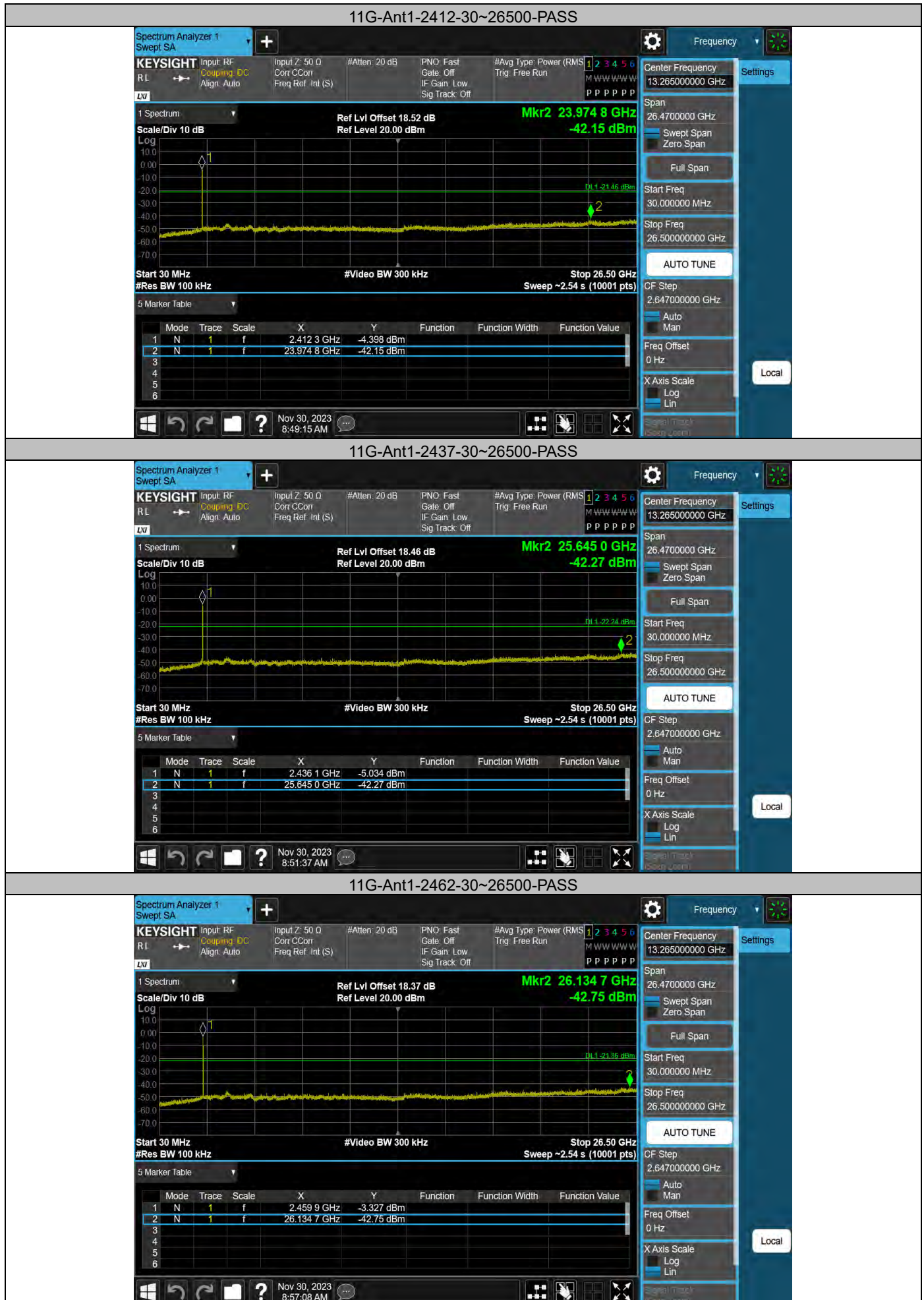


# Appendix G: Conducted Spurious Emission Test Result

| TestMode  | Antenna | Frequency[MHz] | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|----------------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412           | 30~26500        | 5.84           | -42.95       | ≤-14.16     | PASS    |
| 11B       | Ant1    | 2437           | 30~26500        | 5.20           | -42.5        | ≤-14.8      | PASS    |
| 11B       | Ant1    | 2462           | 30~26500        | 4.96           | -42.92       | ≤-15.04     | PASS    |
| 11G       | Ant1    | 2412           | 30~26500        | -1.46          | -42.15       | ≤-21.46     | PASS    |
| 11G       | Ant1    | 2437           | 30~26500        | -2.24          | -42.27       | ≤-22.24     | PASS    |
| 11G       | Ant1    | 2462           | 30~26500        | -1.86          | -42.75       | ≤-21.86     | PASS    |
| 11N20SISO | Ant1    | 2412           | 30~26500        | -1.46          | -42.81       | ≤-21.46     | PASS    |
| 11N20SISO | Ant1    | 2437           | 30~26500        | -2.82          | -42.46       | ≤-22.82     | PASS    |
| 11N20SISO | Ant1    | 2462           | 30~26500        | -2.02          | -42.56       | ≤-22.02     | PASS    |
| 11N40SISO | Ant1    | 2422           | 30~26500        | -3.50          | -42.96       | ≤-23.5      | PASS    |
| 11N40SISO | Ant1    | 2437           | 30~26500        | -5.52          | -42.3        | ≤-25.52     | PASS    |
| 11N40SISO | Ant1    | 2452           | 30~26500        | -3.93          | -43.12       | ≤-23.93     | PASS    |

## Test Graphs





## 11N20SISO-Ant1-2412-30~26500-PASS



## 11N20SISO-Ant1-2437-30~26500-PASS



## 11N20SISO-Ant1-2462-30~26500-PASS



## 11N40SISO-Ant1-2422-30~26500-PASS



## 11N40SISO-Ant1-2437-30~26500-PASS



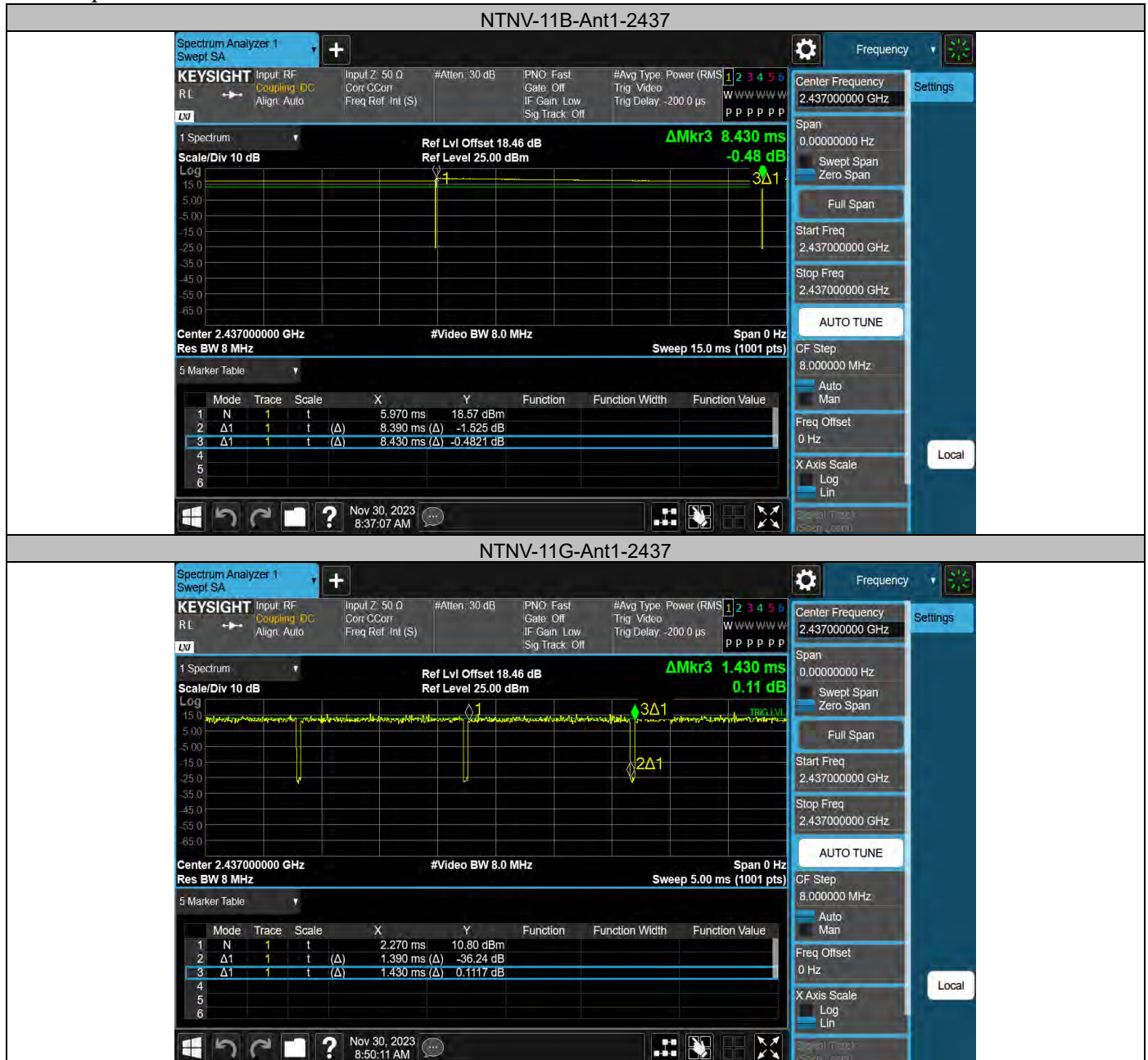
## 11N40SISO-Ant1-2452-30~26500-PASS

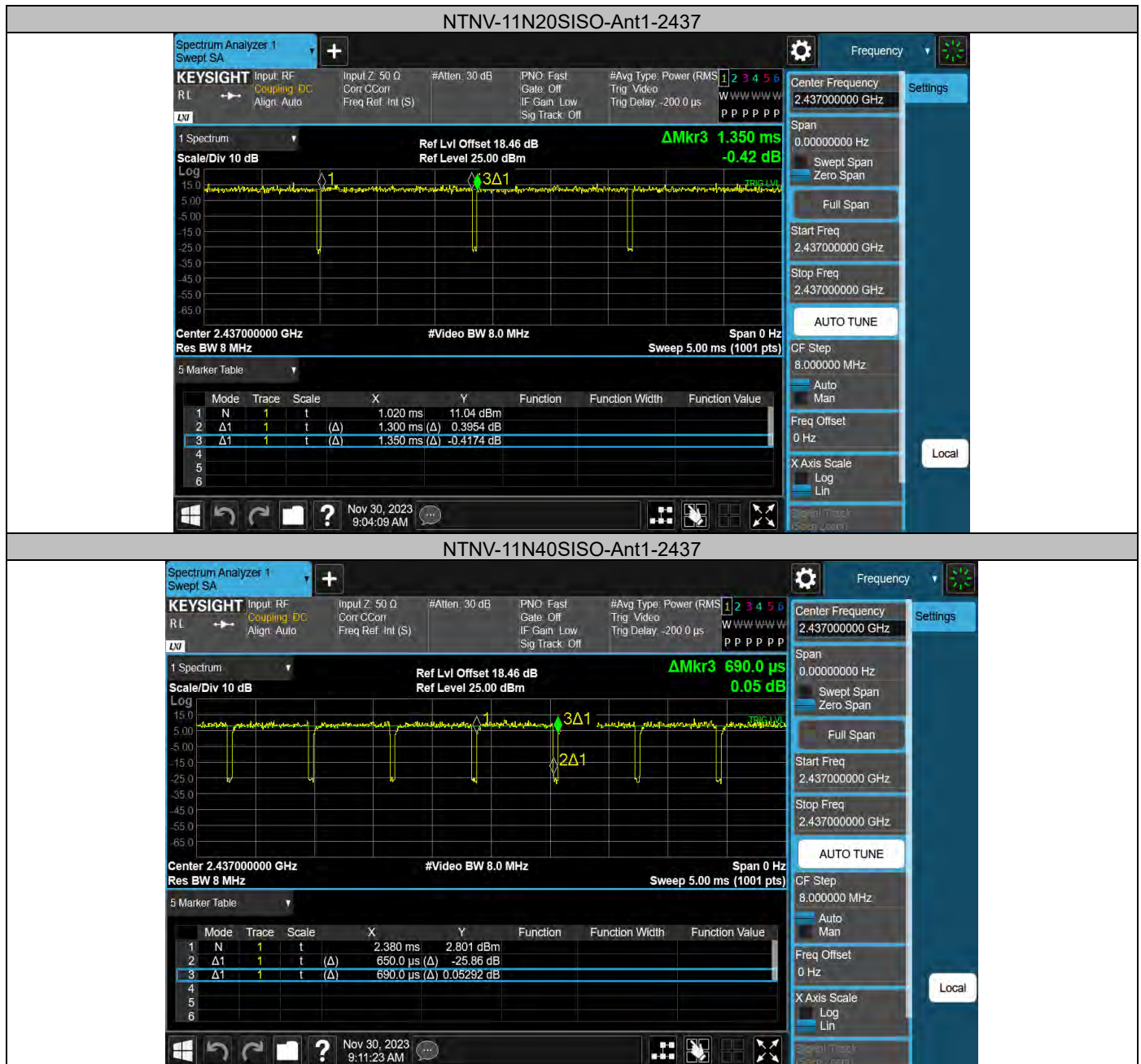


Appendix H: Duty Cycle  
Test Result

| TestMode  | Antenna | Frequency[MHz] | Transmission<br>Duration [ms] | Transmission<br>Period [ms] | Duty Cycle<br>[%] |
|-----------|---------|----------------|-------------------------------|-----------------------------|-------------------|
| 11B       | Ant1    | 2437           | 8.39                          | 8.43                        | 99.53             |
| 11G       | Ant1    | 2437           | 1.39                          | 1.43                        | 97.20             |
| 11N20SISO | Ant1    | 2437           | 1.30                          | 1.35                        | 96.30             |
| 11N40SISO | Ant1    | 2437           | 0.65                          | 0.69                        | 94.20             |

## Test Graphs



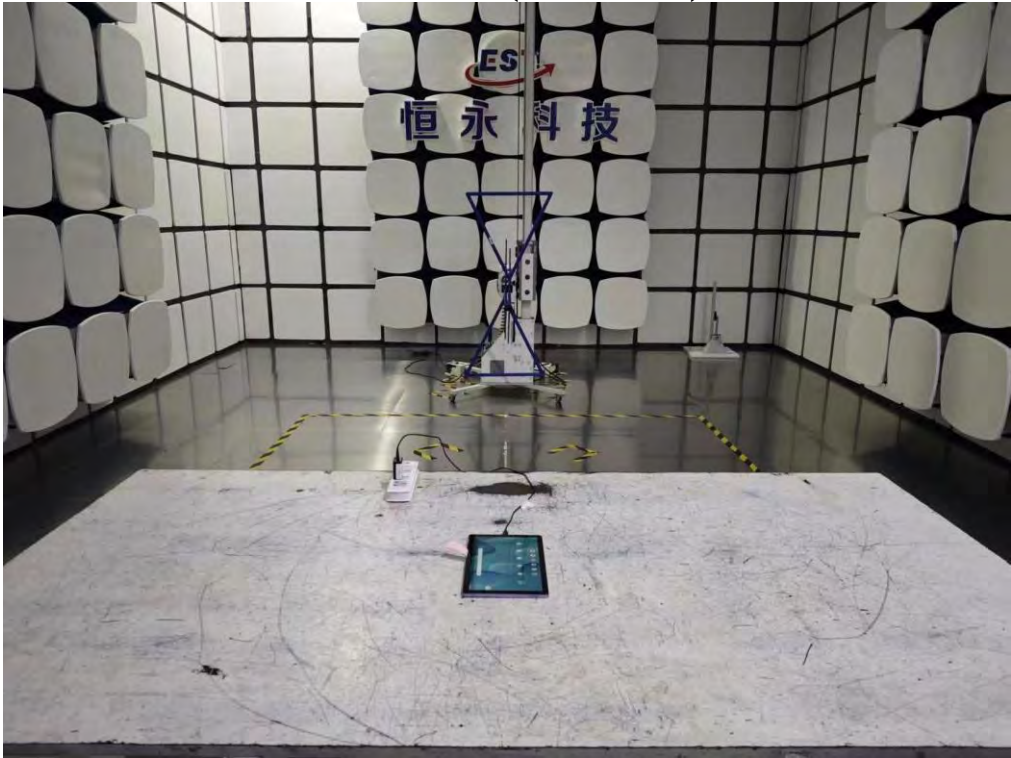


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

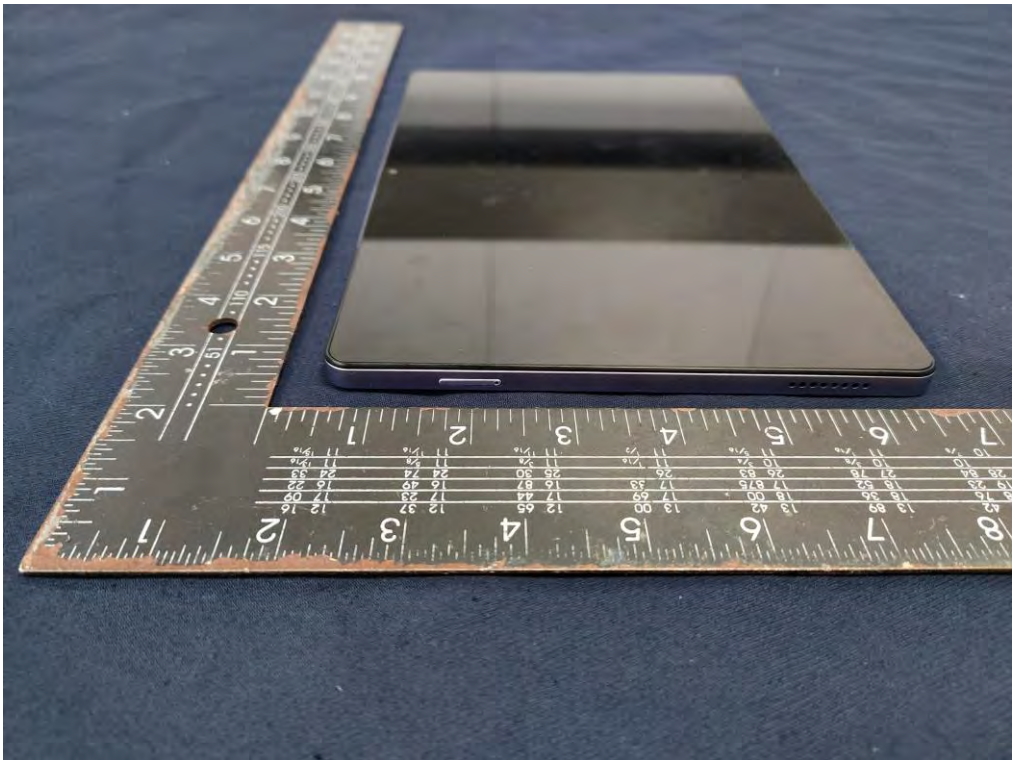
External Photos  
M/N: TBLVD100135920



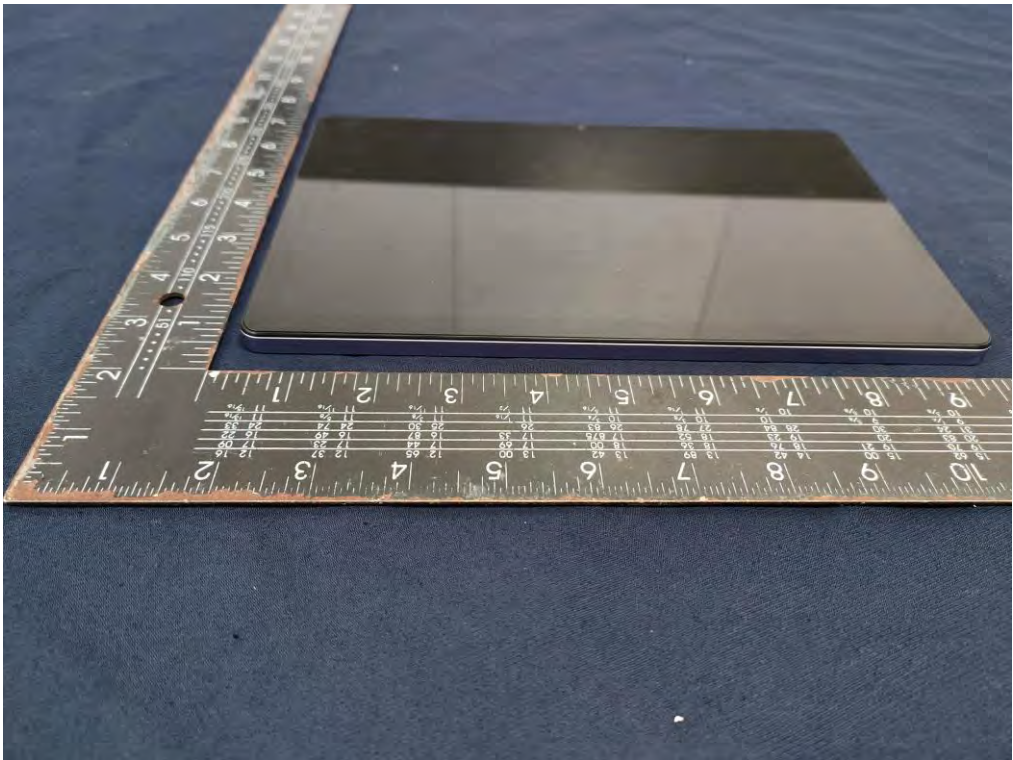
External Photos  
M/N: TBLVD100135920



External Photos  
M/N: TBLVD100135920



External Photos  
M/N: TBLVD100135920



First supplier

Internal Photos

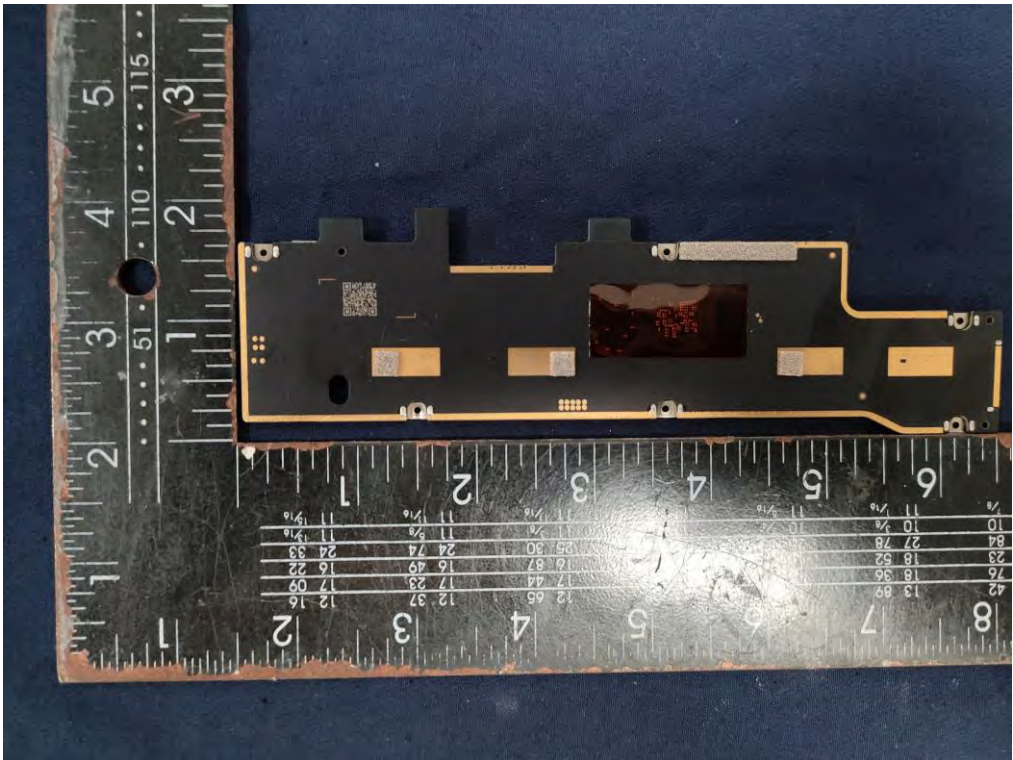
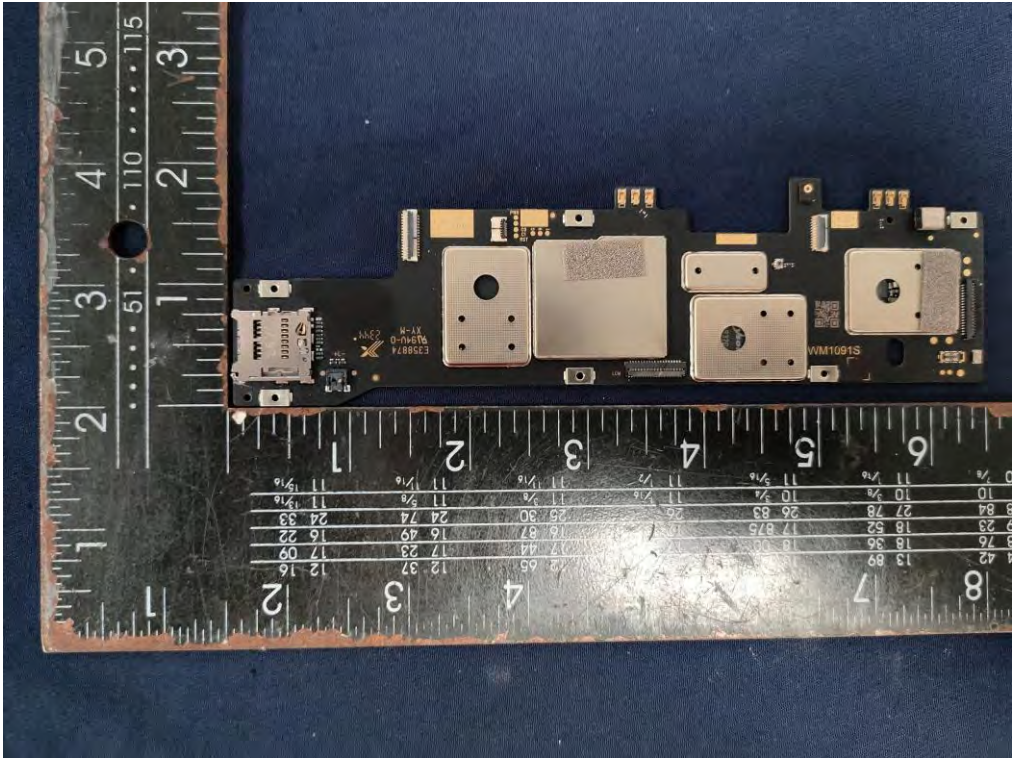
M/N: TBLVD100135920



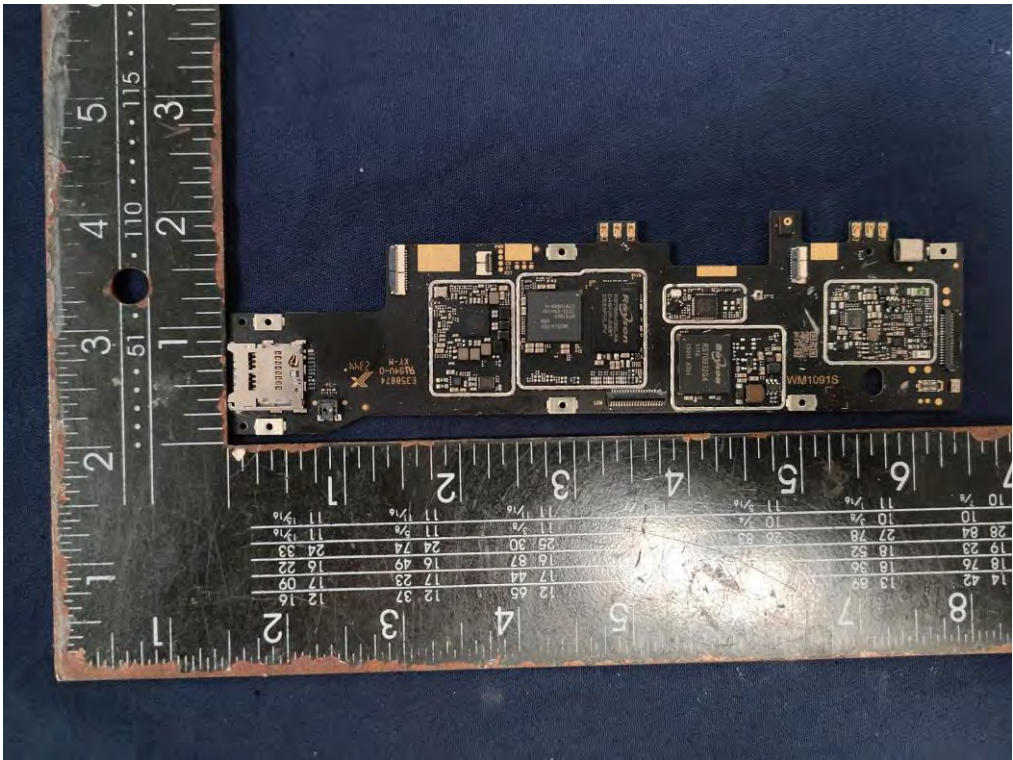
Internal Photos  
M/N: TBLVD100135920



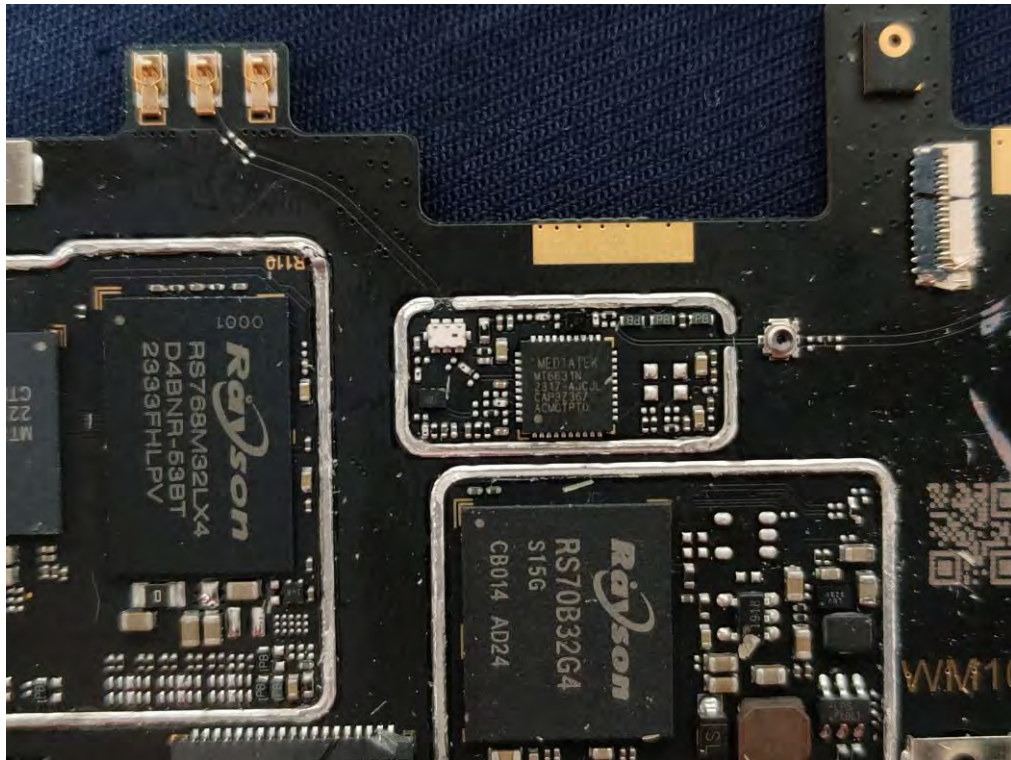
Internal Photos  
M/N: TBLVD100135920



Internal Photos  
M/N: TBLVD100135920



**Internal Photos**  
M/N: TBLVD100135920

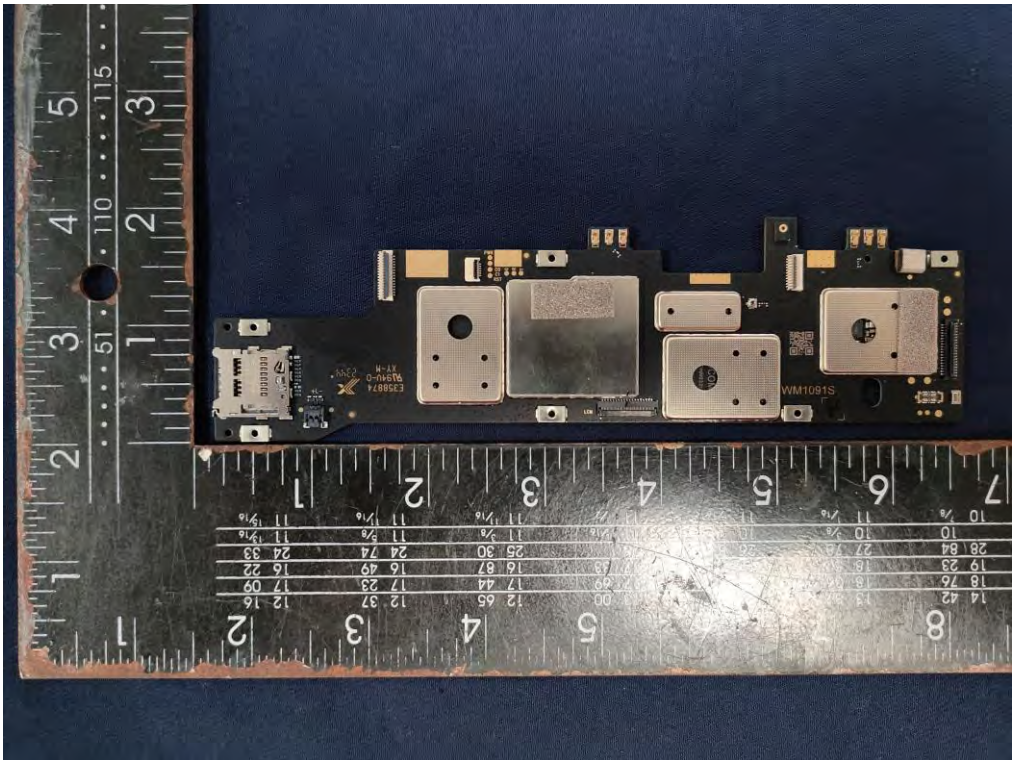


Second supplier

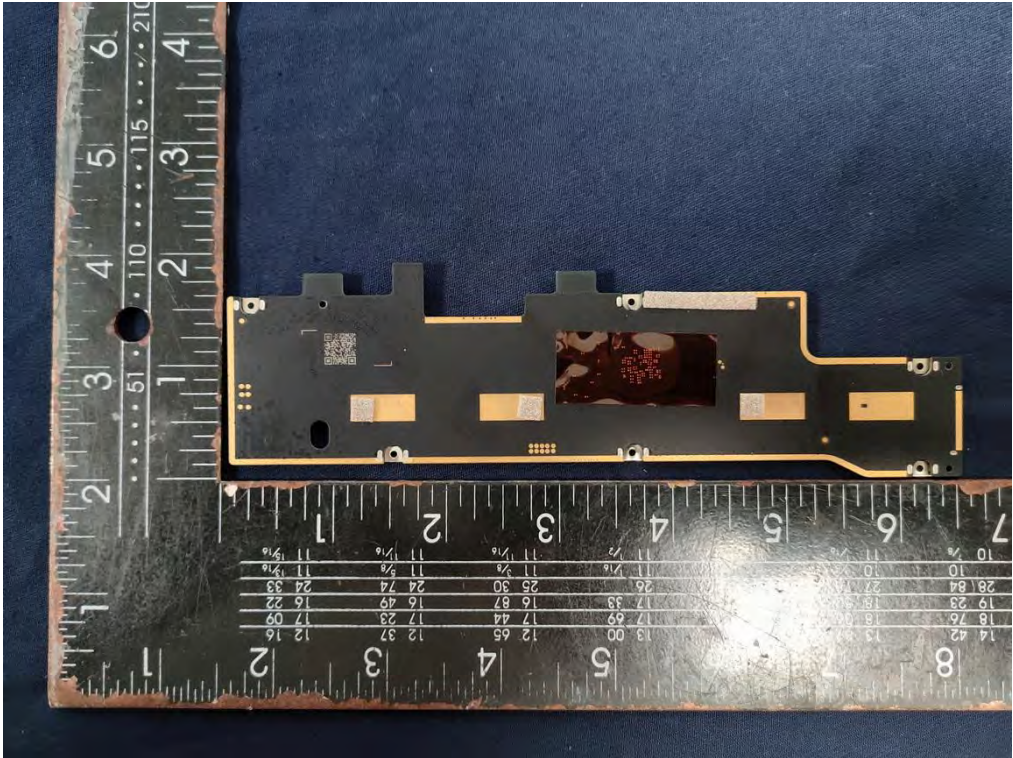
Internal Photos  
M/N: TBLVD100135920



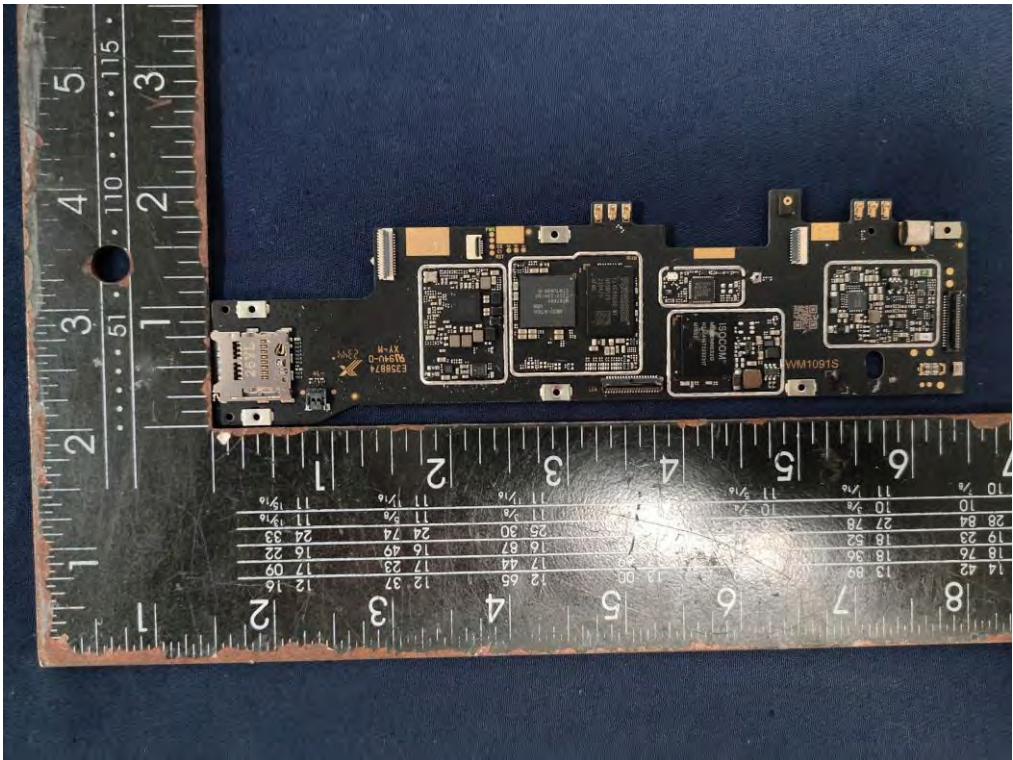
Internal Photos  
M/N: TBLVD100135920



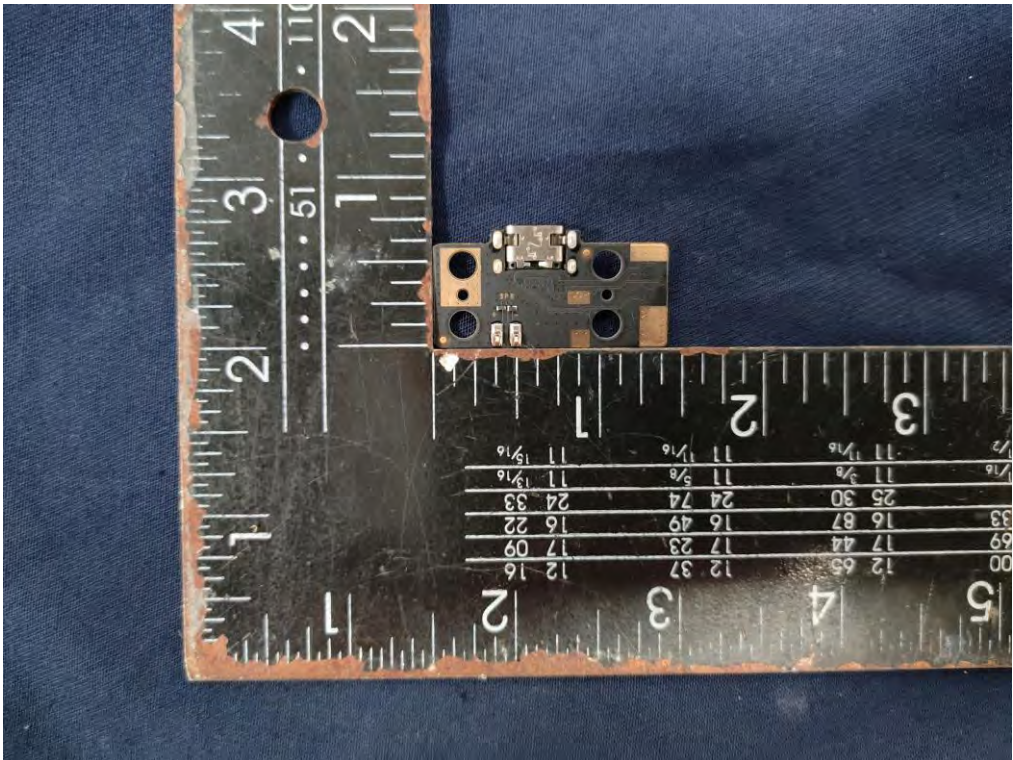
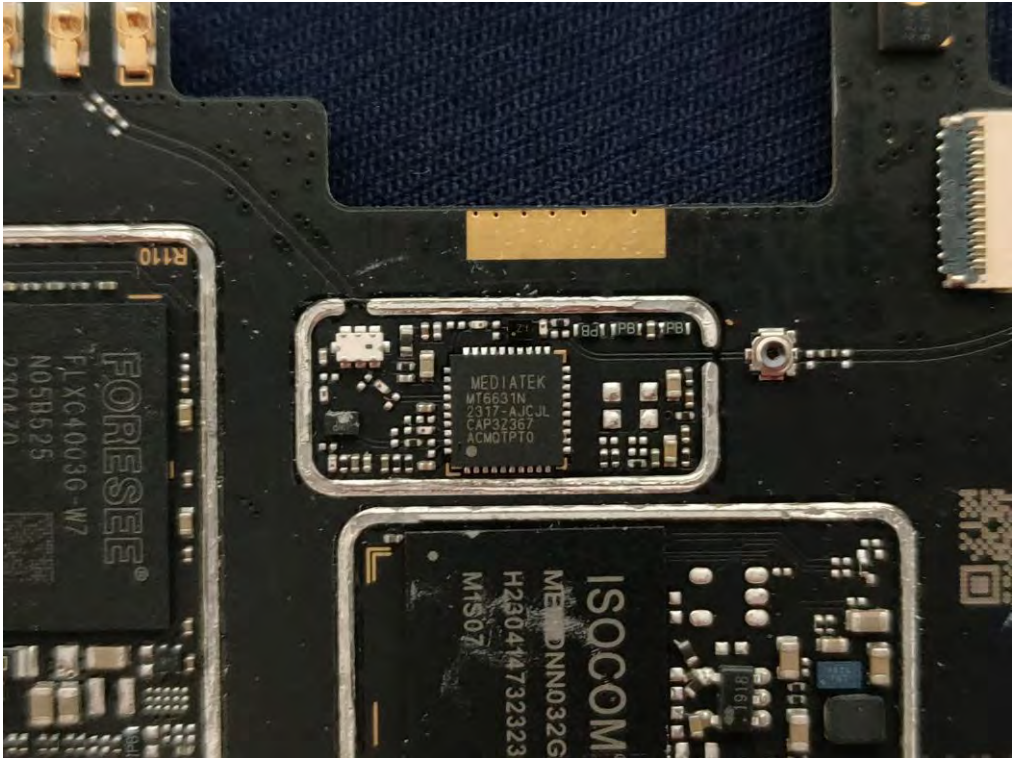
Internal Photos  
M/N: TBLVD100135920



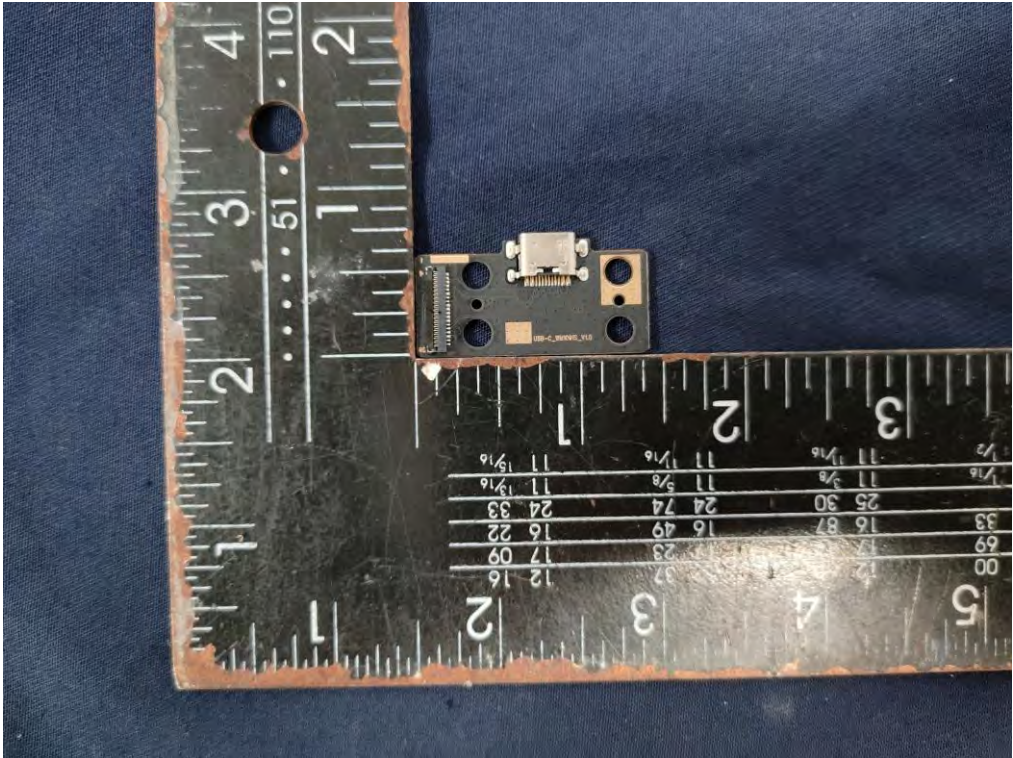
Internal Photos  
M/N: TBLVD100135920



Internal Photos  
M/N: TBLVD100135920



Internal Photos  
M/N: TBLVD100135920



End of Test Report