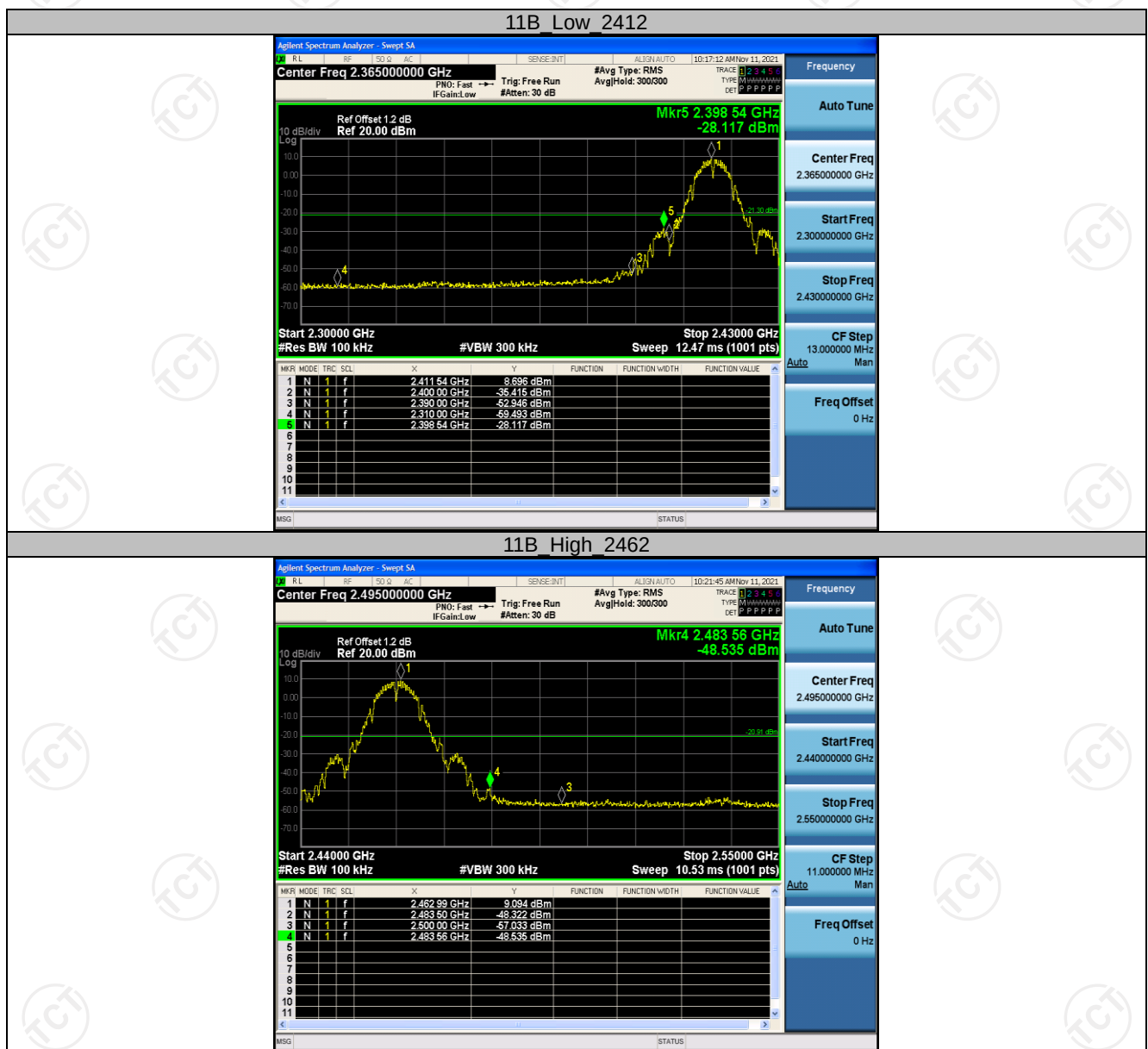


## Band edge measurements

### Test Result

| Test Mode | Ch Name | Channel | Ref Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------|--------------|-------------|---------|
| 11B       | Low     | 2412    | 8.70            | -28.12       | <=-21.3     | PASS    |
|           | High    | 2462    | 9.09            | -48.54       | <=-20.91    | PASS    |
| 11G       | Low     | 2412    | 1.63            | -33.98       | <=-28.37    | PASS    |
|           | High    | 2462    | 2.06            | -48.85       | <=-27.94    | PASS    |
| 11N20SISO | Low     | 2412    | 2.53            | -31.44       | <=-27.47    | PASS    |
|           | High    | 2462    | 2.99            | -41.27       | <=-27.01    | PASS    |

### Test Graphs



## 11G Low 2412



## 11G High 2462



## 11N20SISO Low 2412



## 11N20SISO High 2462



## Conducted Spurious Emission

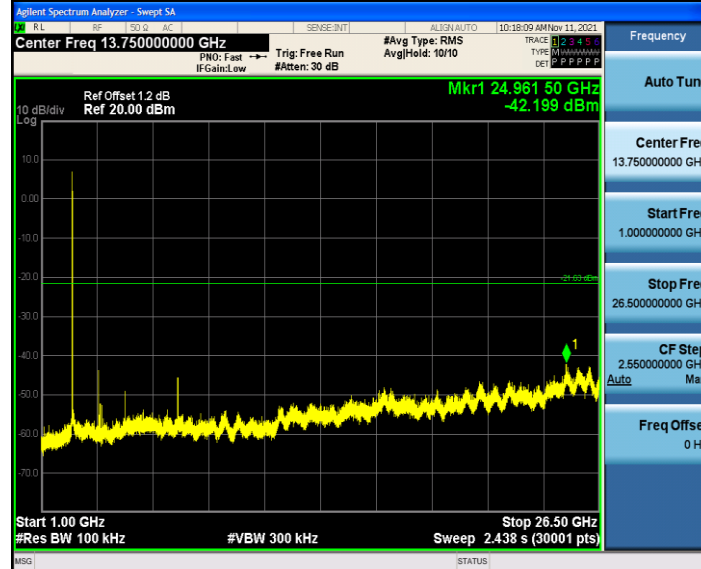
### Test Result

| Test Mode | Channel | Freq Range [Mhz] | Ref Level [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|------------------|-----------------|--------------|-------------|---------|
| 11B       | 2412    | Reference        | 8.37            | 8.37         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -68.282      | <=-21.626   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.199      | <=-21.626   | PASS    |
|           | 2437    | Reference        | 9.31            | 9.31         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -67.066      | <=-20.688   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.59       | <=-20.688   | PASS    |
|           | 2462    | Reference        | 9.20            | 9.20         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -67.67       | <=-20.797   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.465      | <=-20.797   | PASS    |
| 11G       | 2412    | Reference        | 1.76            | 1.76         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -67.983      | <=-28.241   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.154      | <=-28.241   | PASS    |
|           | 2437    | Reference        | 1.79            | 1.79         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -67.95       | <=-28.211   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.854      | <=-28.211   | PASS    |
|           | 2462    | Reference        | 1.58            | 1.58         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -68.066      | <=-28.422   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.483      | <=-28.422   | PASS    |
| 11N20SISO | 2412    | Reference        | 2.81            | 2.81         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -68.715      | <=-27.193   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.537      | <=-27.193   | PASS    |
|           | 2437    | Reference        | 2.66            | 2.66         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -68.424      | <=-27.336   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.692      | <=-27.336   | PASS    |
|           | 2462    | Reference        | 3.10            | 3.10         | ---         | PASS    |
|           |         | 30~1000          | 30~1000         | -67.851      | <=-26.896   | PASS    |
|           |         | 1000~26500       | 1000~26500      | -42.587      | <=-26.896   | PASS    |

## Test Graphs



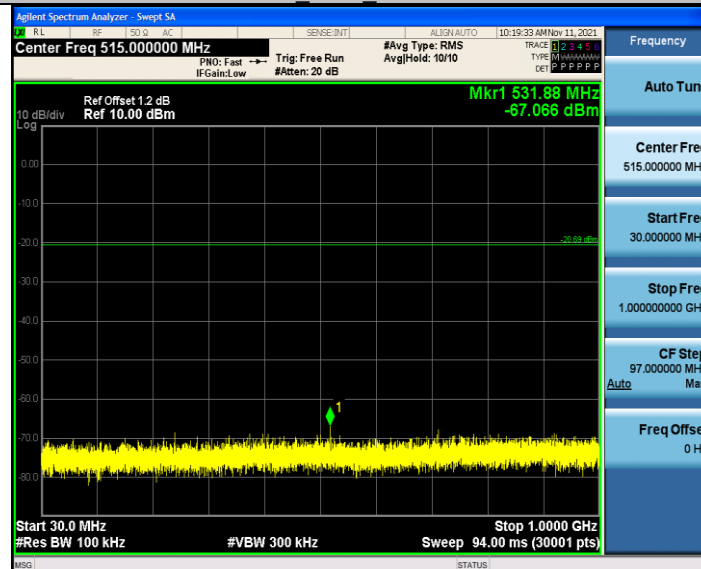
## 11B 2412 1000~26500



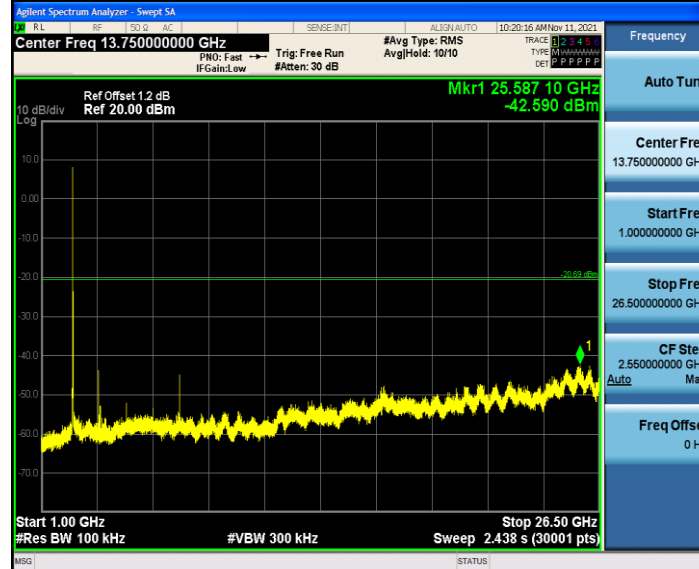
## 11B 2437 0~Reference



## 11B 2437 30~1000



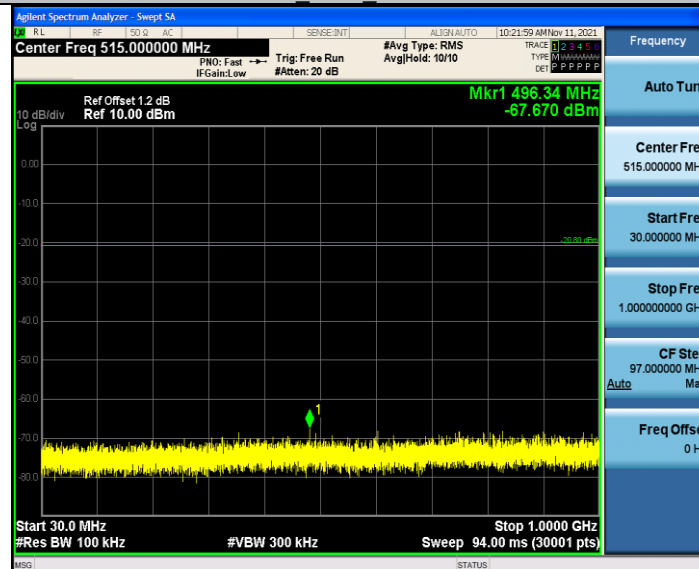
## 11B 2437 1000~26500



## 11B 2462 0~Reference

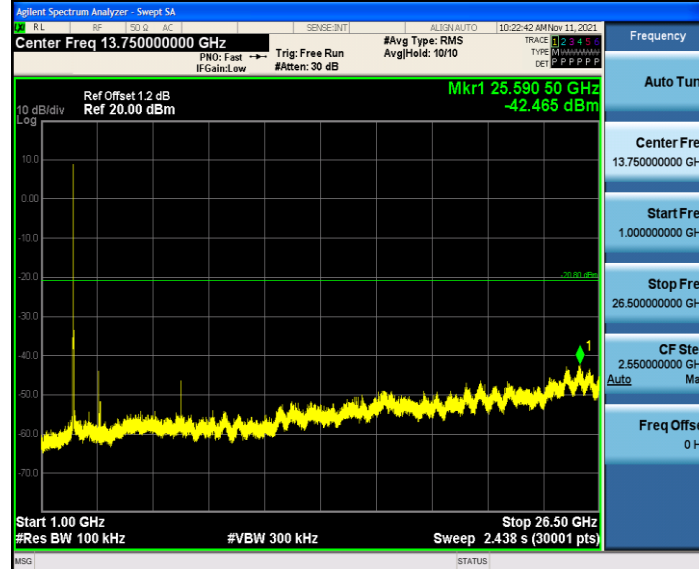


## 11B 2462 30~1000





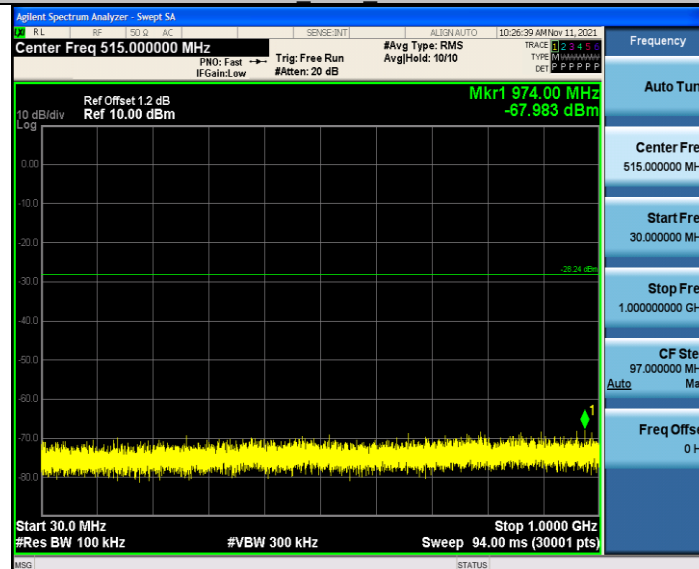
## 11B 2462 1000~26500



## 11G 2412 0~Reference

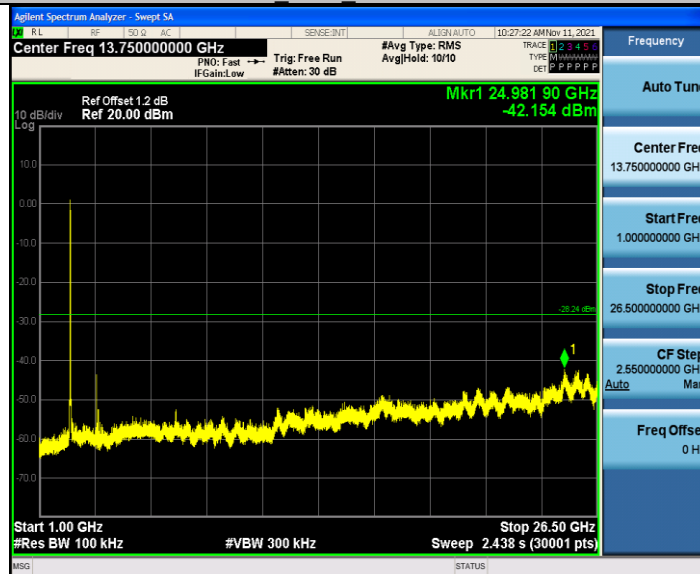


## 11G 2412 30~1000





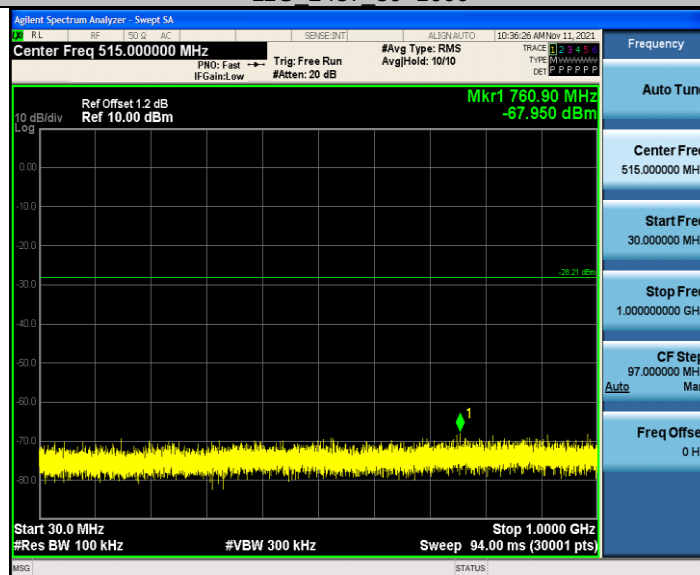
## 11G 2412 1000~26500



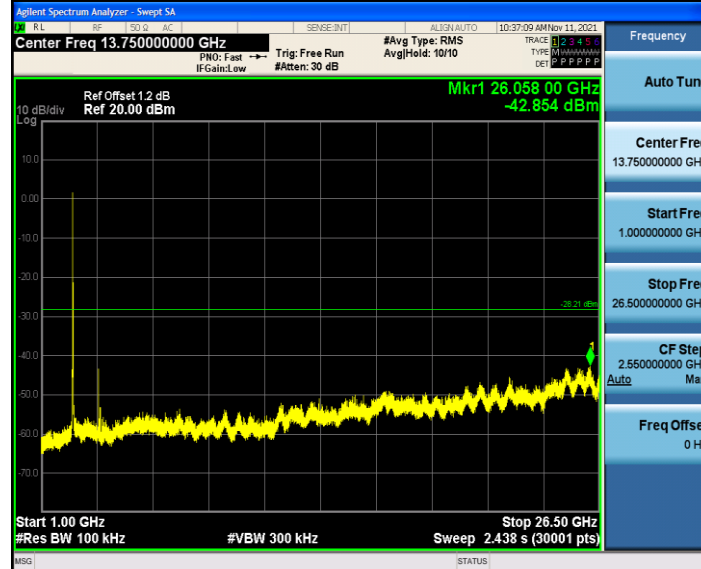
## 11G 2437 0~Reference



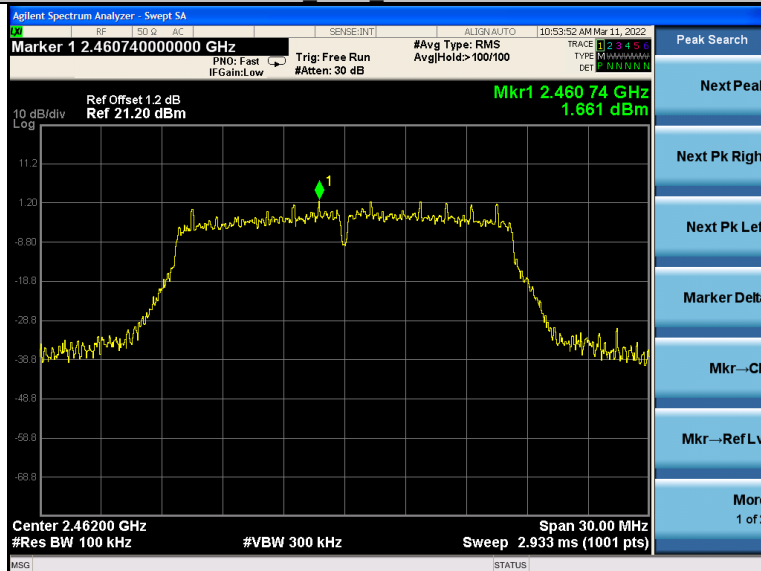
## 11G 2437 30~1000



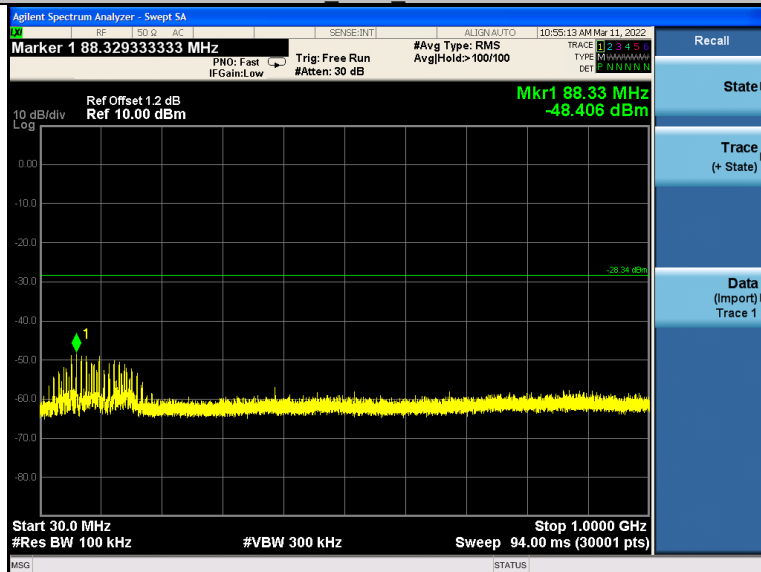
## 11G 2437 1000~26500



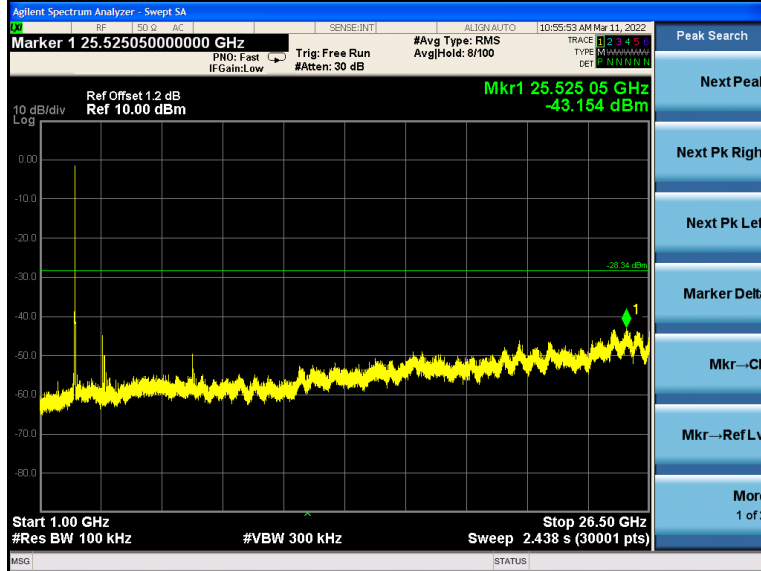
## 11G 2462 0~Reference



## 11G 2462 30~1000



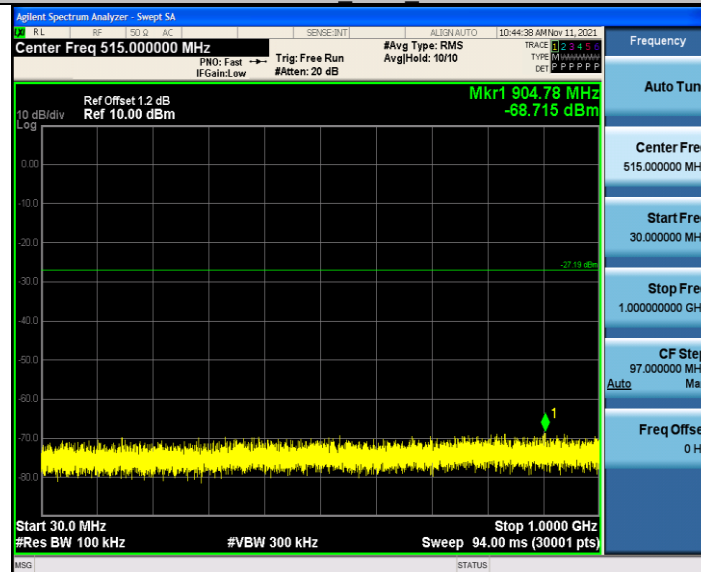
## 11G 2462 1000~26500



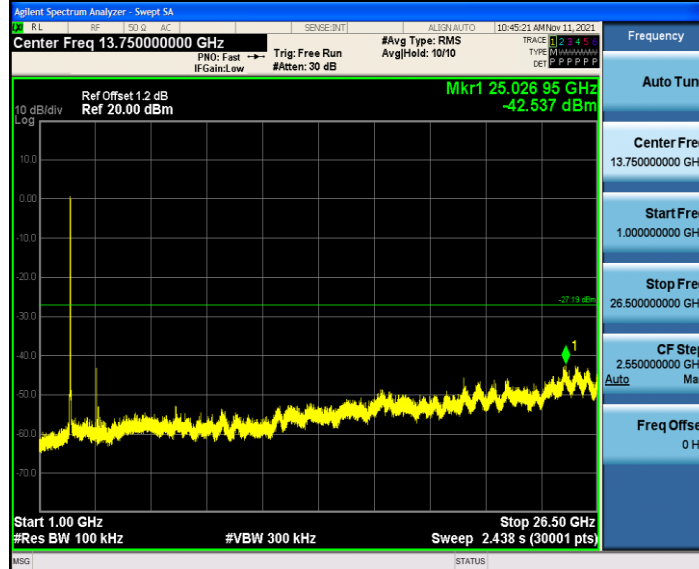
## 11N20SISO 2412 0~Reference



## 11N20SISO 2412 30~1000



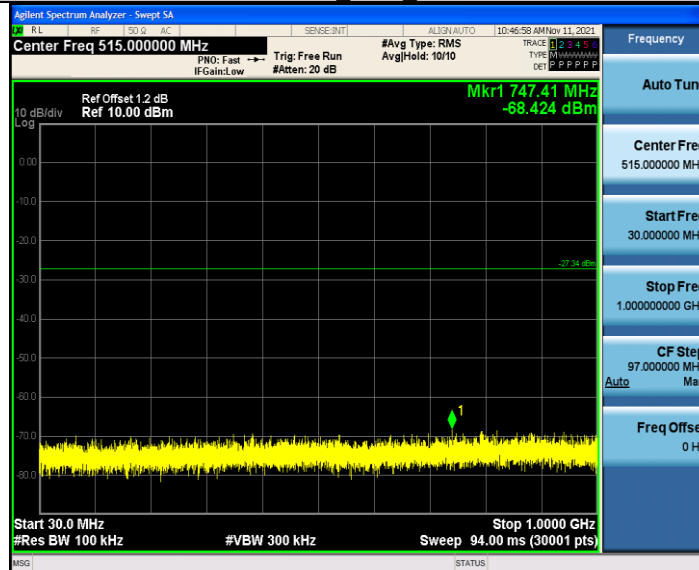
## 11N20SISO 2412 1000~26500



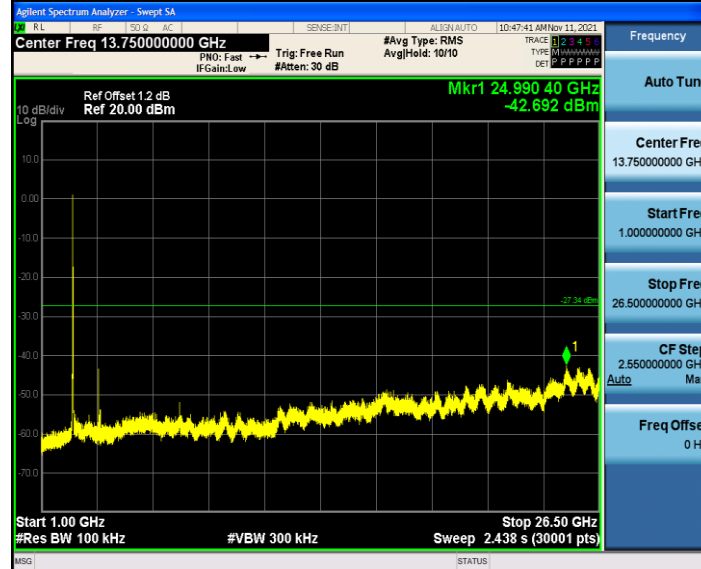
## 11N20SISO 2437 0~Reference



## 11N20SISO 2437 30~1000



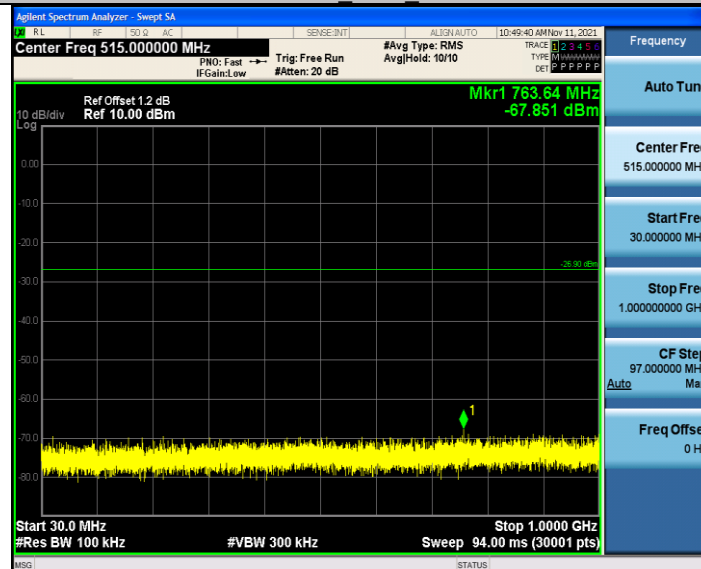
## 11N20SISO 2437 1000~26500



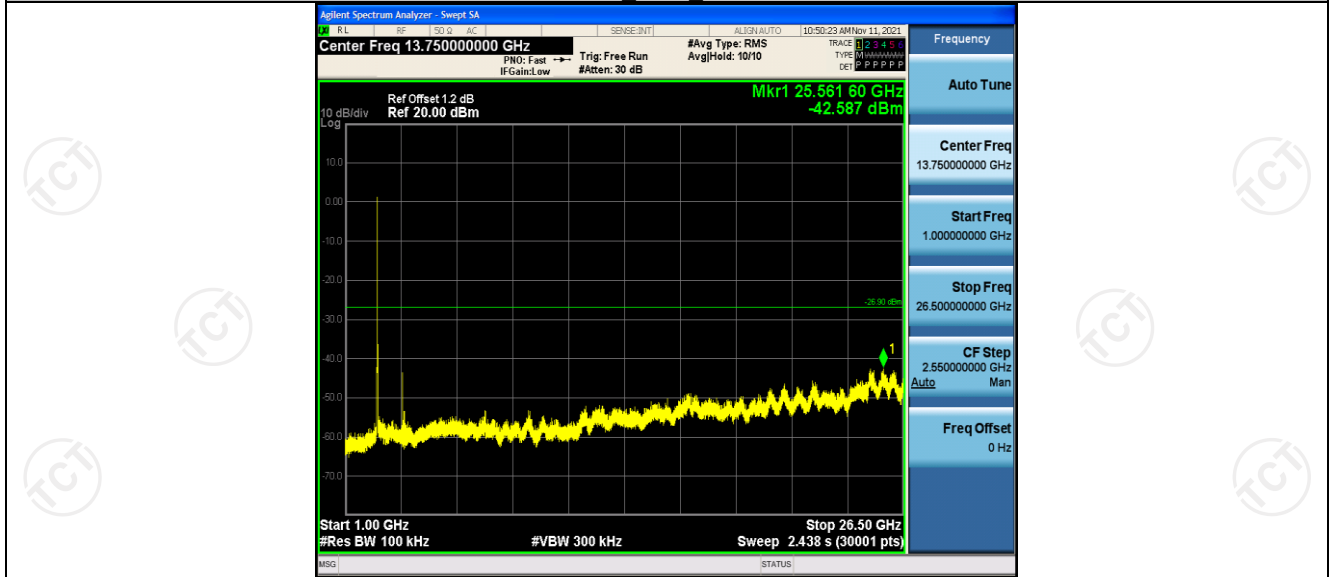
## 11N20SISO 2462 0~Reference



## 11N20SISO 2462 30~1000



11N20SISO 2462 1000~26500

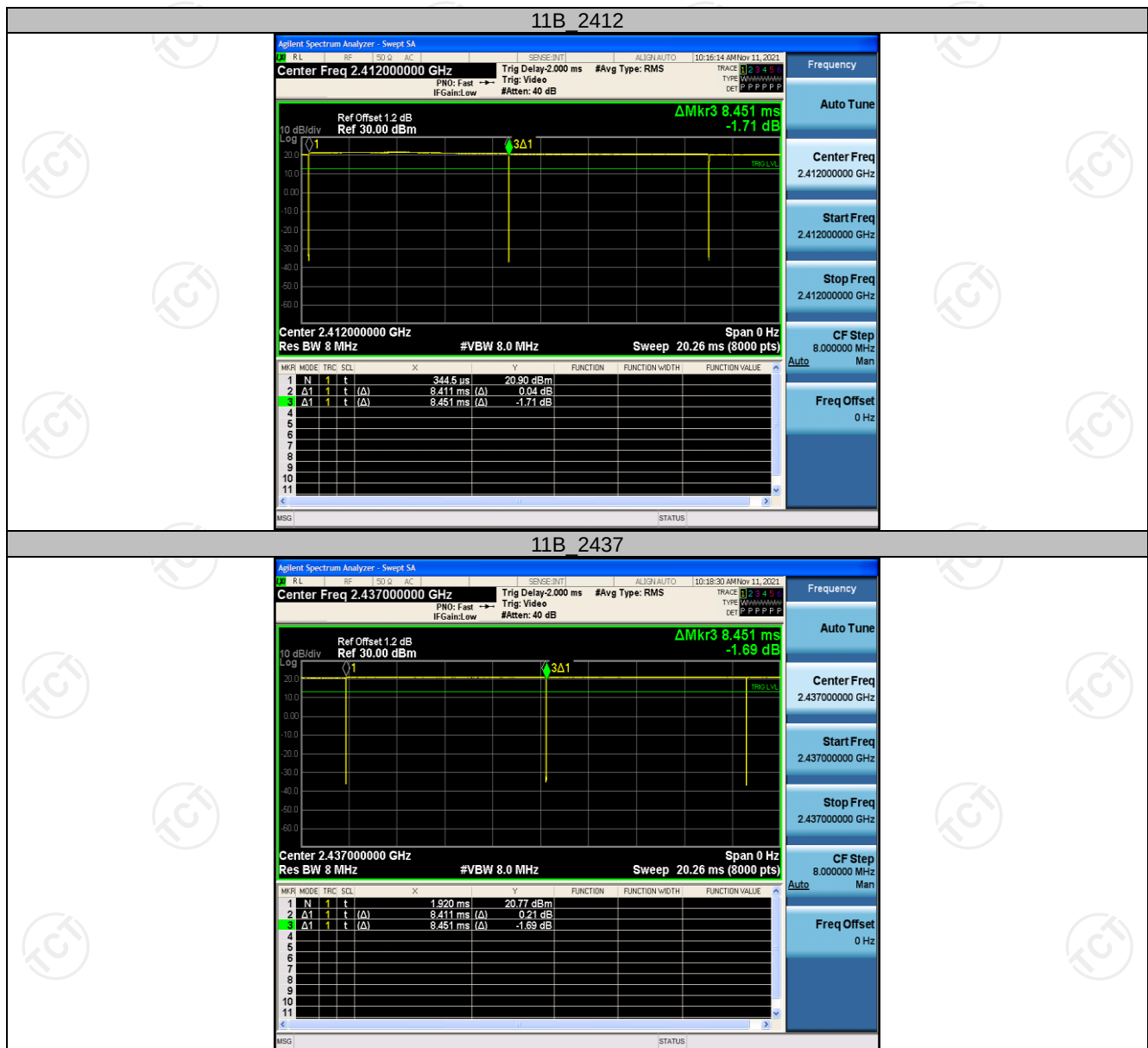


## Duty Cycle

### Test Result

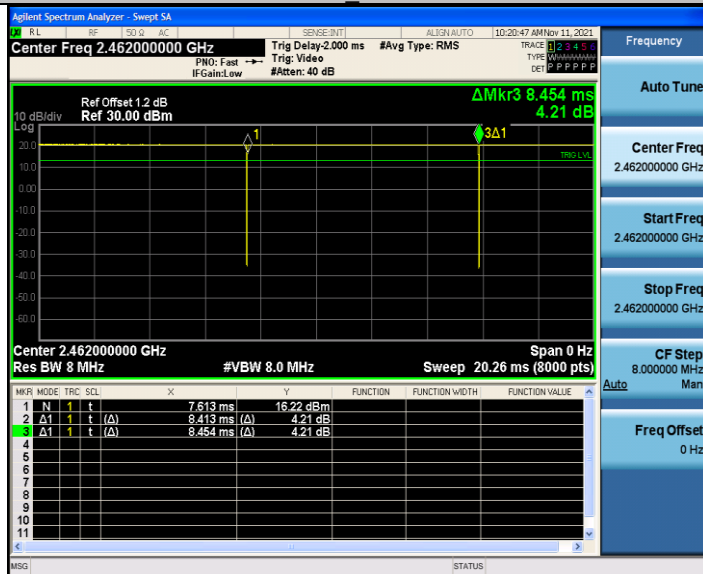
| Test Mode | Channel | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Limit | Verdict |
|-----------|---------|----------------------------|--------------------------|----------------|-------|---------|
| 11B       | 2412    | 8.41                       | 8.45                     | 99.52          | ---   | PASS    |
|           | 2437    | 8.41                       | 8.45                     | 99.52          | ---   | PASS    |
|           | 2462    | 8.41                       | 8.45                     | 99.52          | ---   | PASS    |
| 11G       | 2412    | 8.19                       | 8.23                     | 99.48          | ---   | PASS    |
|           | 2437    | 8.19                       | 8.23                     | 99.48          | ---   | PASS    |
|           | 2462    | 8.19                       | 8.23                     | 99.51          | ---   | PASS    |
| 11N20SISO | 2412    | 8.19                       | 8.24                     | 99.39          | ---   | PASS    |
|           | 2437    | 8.19                       | 8.23                     | 99.48          | ---   | PASS    |
|           | 2462    | 8.19                       | 8.23                     | 99.51          | ---   | PASS    |

### Test Graphs

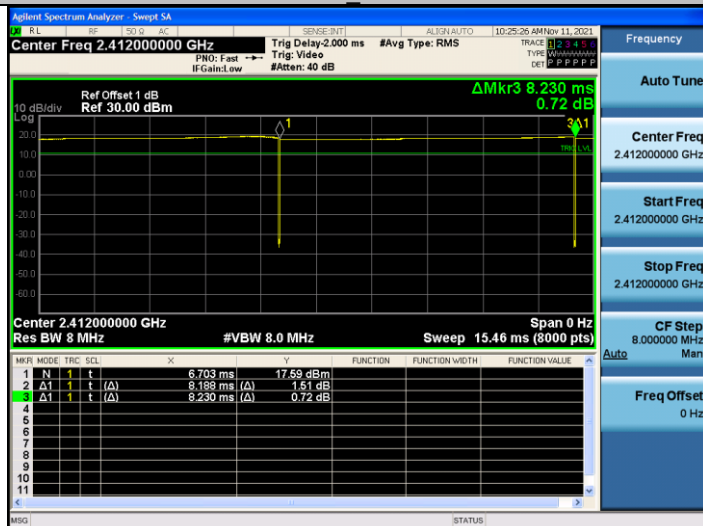




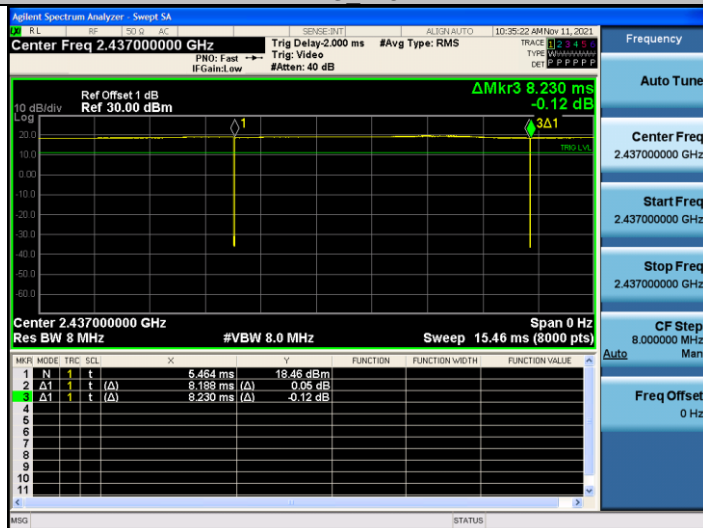
## 11B 2462

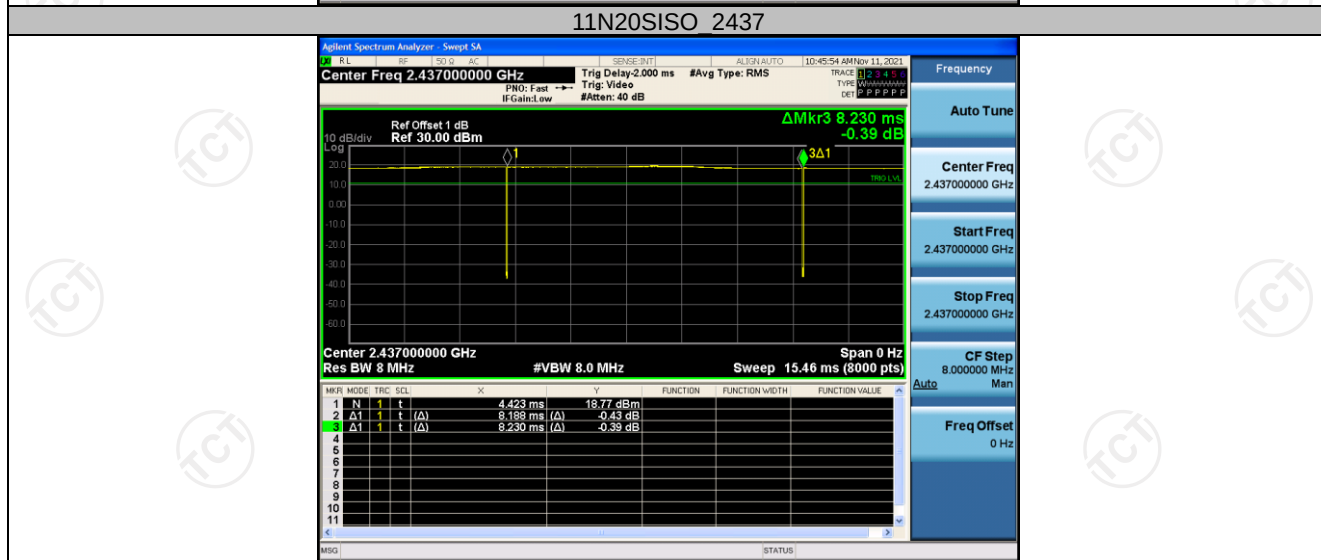
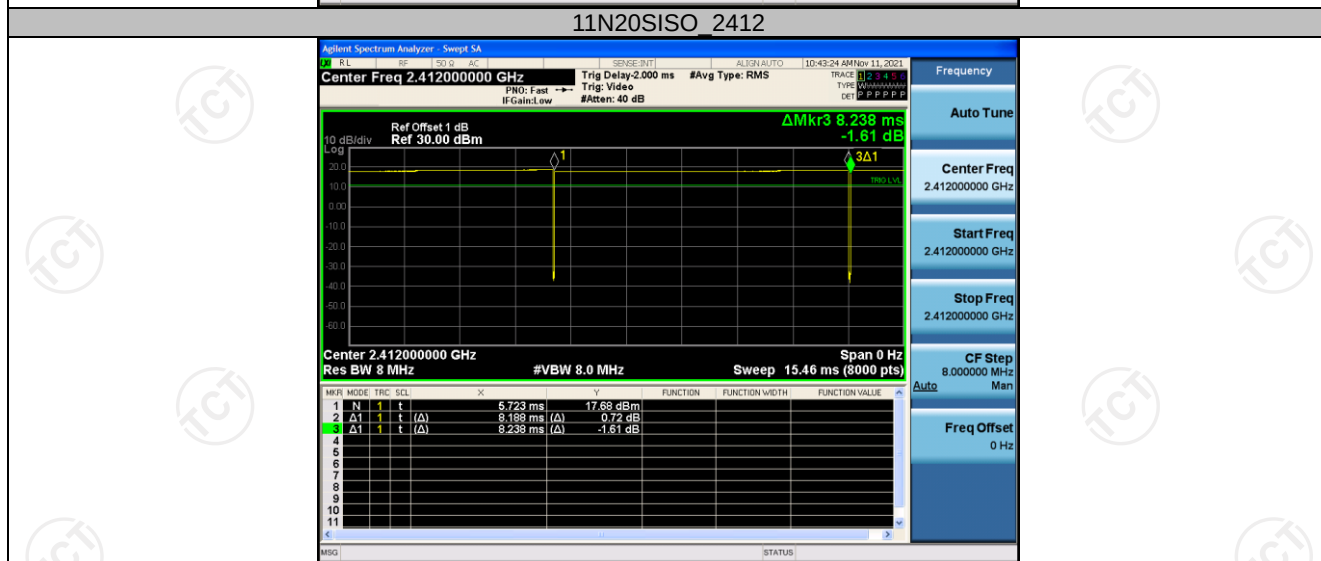
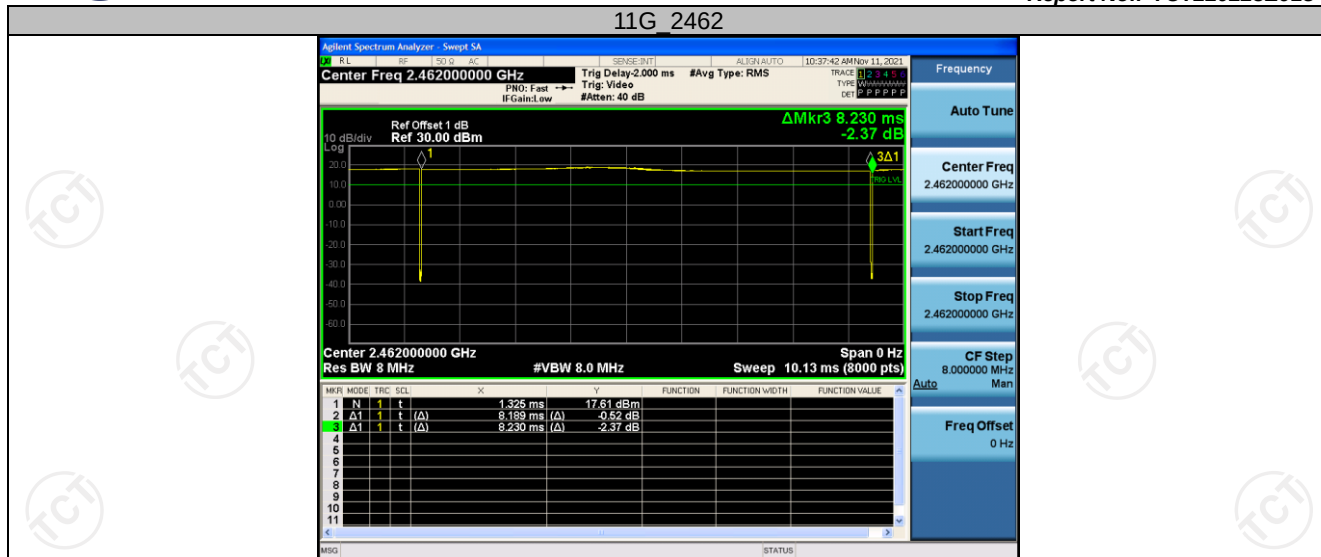


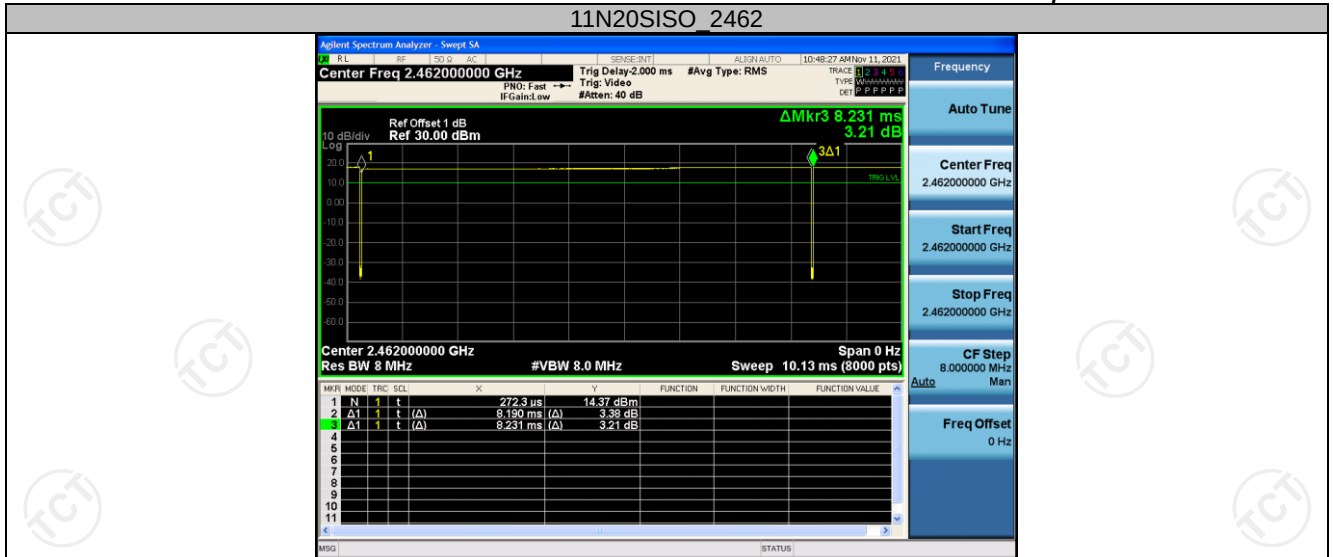
## 11G 2412



## 11G 2437







## Appendix B: Photographs of Test Setup

Refer to the test report No. TCT220223E905

## Appendix C: Photographs of EUT

Refer to the test report No. TCT220223E905

**\*\*\*\*\*END OF REPORT\*\*\*\*\***