

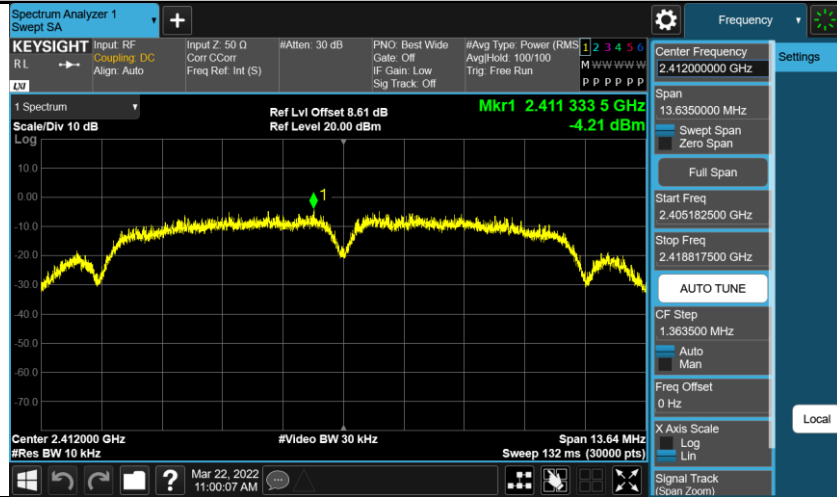
## Appendix B: Test Results

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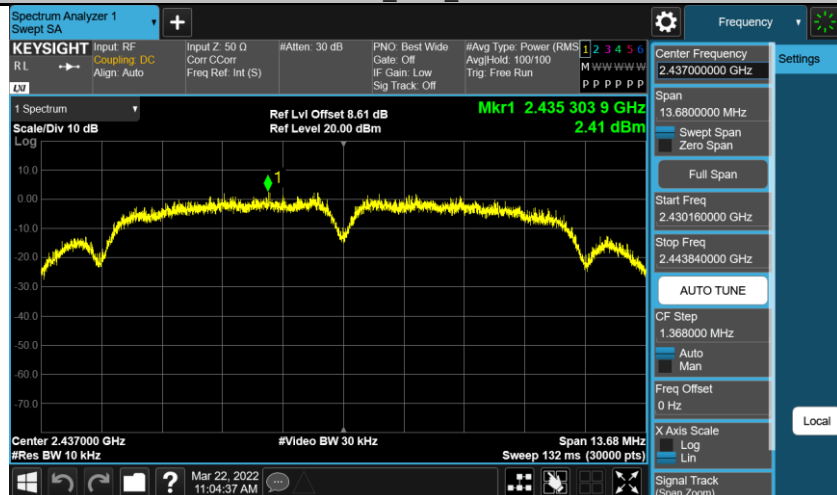
## Appendix B.1: Test Results of Conducted Power Spectral Density

| TestMode  | Antenna | Channel | Result[dBm/3-100kHz] | Limit[dBm/3kHz] | Verdict |
|-----------|---------|---------|----------------------|-----------------|---------|
| 11B       | Ant1    | 2412    | -4.21                | ≤8.00           | PASS    |
|           |         | 2437    | 2.41                 | ≤8.00           | PASS    |
|           |         | 2462    | -2.05                | ≤8.00           | PASS    |
| 11G       | Ant1    | 2412    | -10.31               | ≤8.00           | PASS    |
|           |         | 2437    | 0.91                 | ≤8.00           | PASS    |
|           |         | 2462    | -7.27                | ≤8.00           | PASS    |
| 11N20SISO | Ant1    | 2412    | -10.54               | ≤8.00           | PASS    |
|           |         | 2437    | 0.32                 | ≤8.00           | PASS    |
|           |         | 2462    | -7.19                | ≤8.00           | PASS    |

11B\_Ant1\_2412



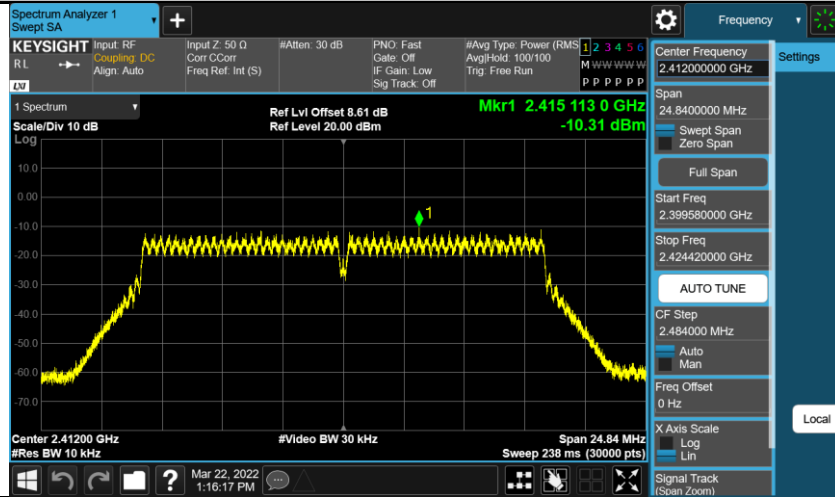
11B\_Ant1\_2437



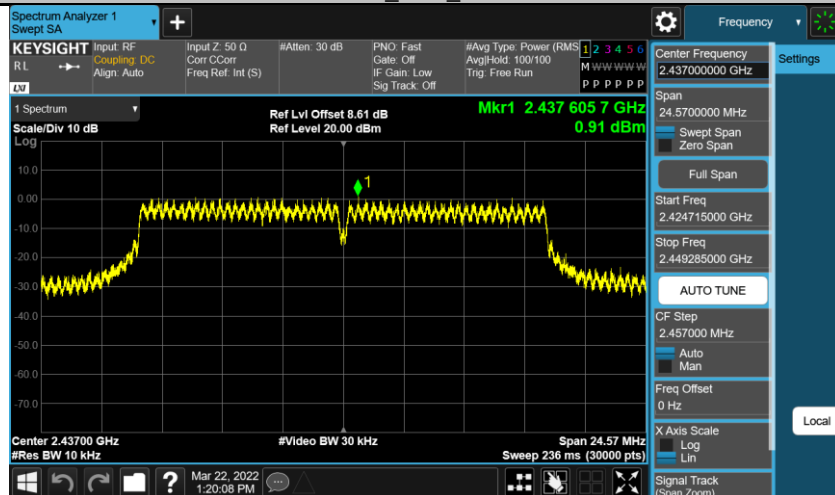
11B\_Ant1\_2462



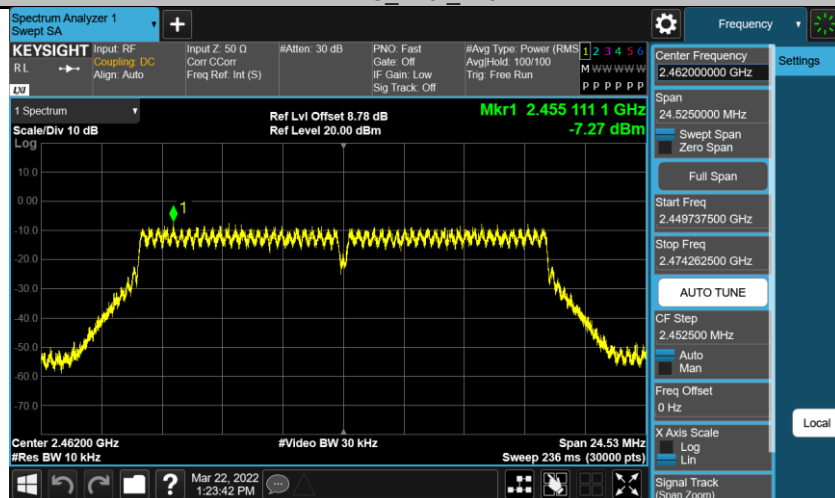
11G\_Ant1\_2412



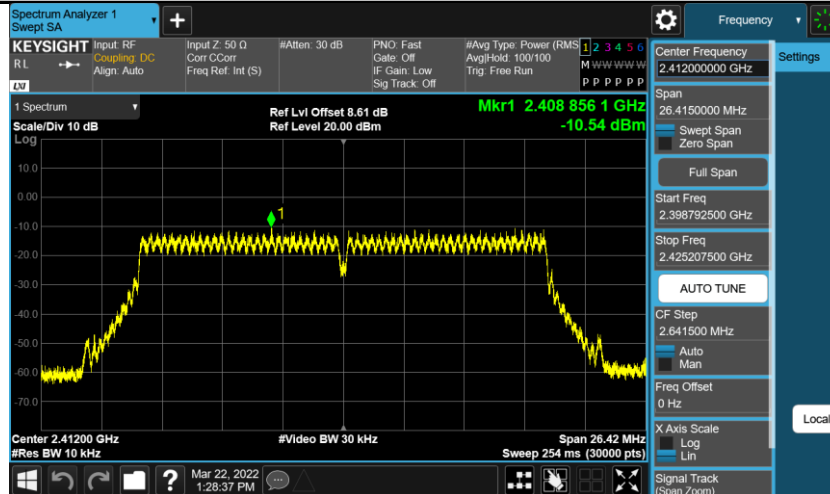
11G\_Ant1\_2437



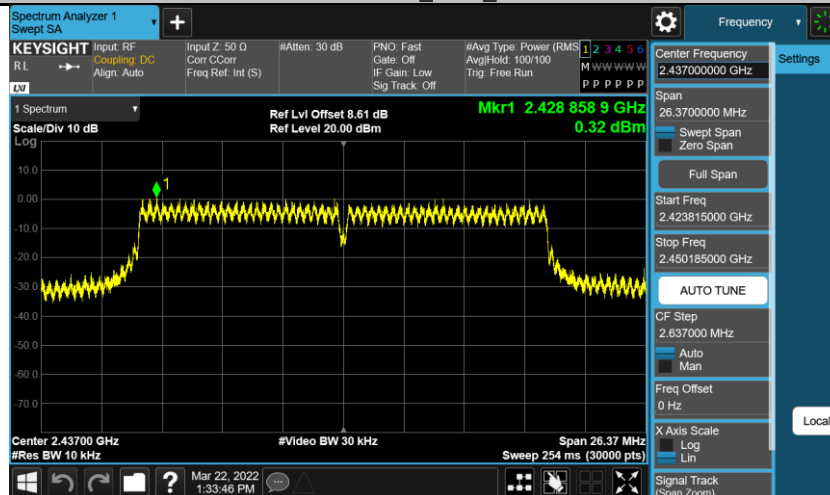
11G\_Ant1\_2462



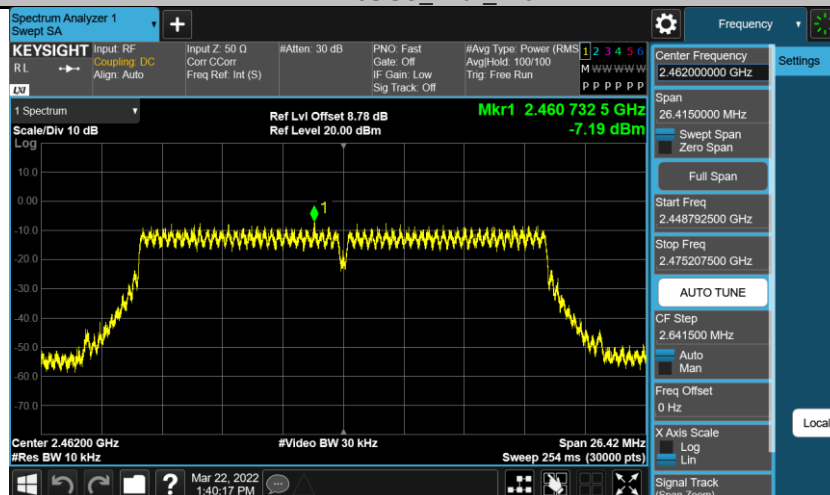
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



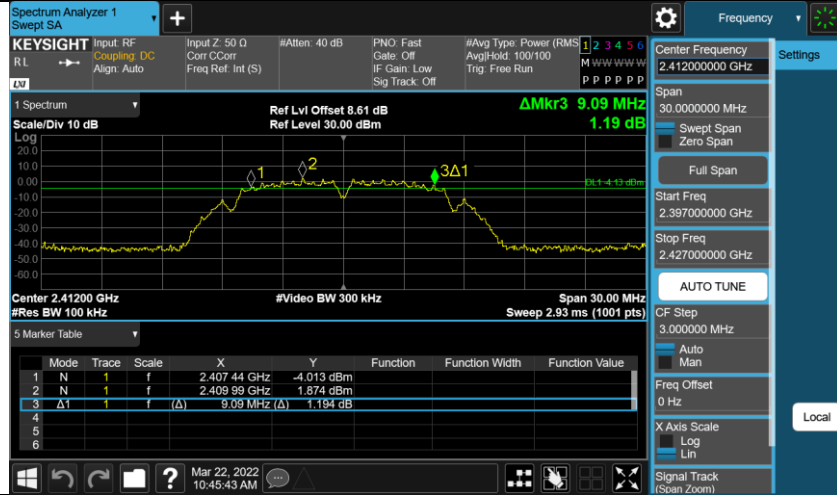
11N20SISO\_Ant1\_2462



## Appendix B.2: Test Results of 6dB Bandwidth

| TestMode  | Antenna | Channel | DTS BW [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|--------------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 9.090        | 2407.440 | 2416.530 | 0.5        | PASS    |
|           |         | 2437    | 9.120        | 2432.410 | 2441.530 | 0.5        | PASS    |
|           |         | 2462    | 9.090        | 2457.440 | 2466.530 | 0.5        | PASS    |
| 11G       | Ant1    | 2412    | 16.560       | 2403.690 | 2420.250 | 0.5        | PASS    |
|           |         | 2437    | 16.380       | 2428.780 | 2445.160 | 0.5        | PASS    |
|           |         | 2462    | 16.350       | 2453.810 | 2470.160 | 0.5        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.610       | 2403.180 | 2420.790 | 0.5        | PASS    |
|           |         | 2437    | 17.580       | 2428.180 | 2445.760 | 0.5        | PASS    |
|           |         | 2462    | 17.610       | 2453.180 | 2470.790 | 0.5        | PASS    |

11B\_Ant1\_2412

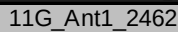
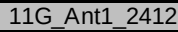


11B\_Ant1\_2437



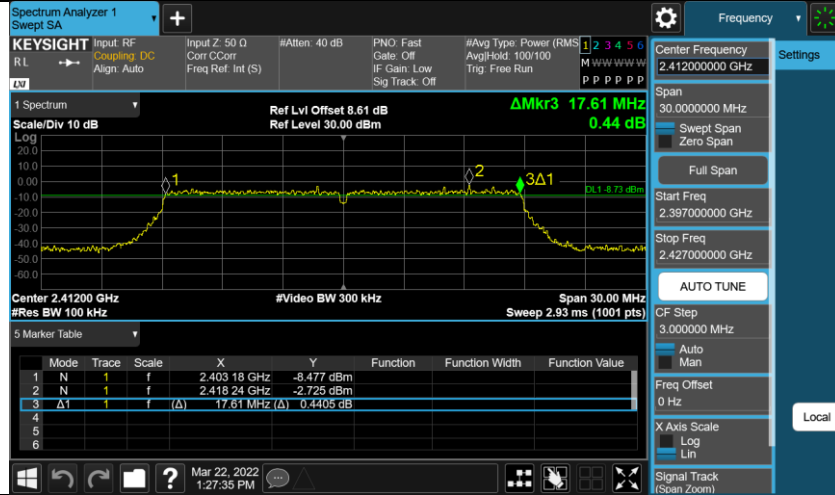
11B\_Ant1\_2462



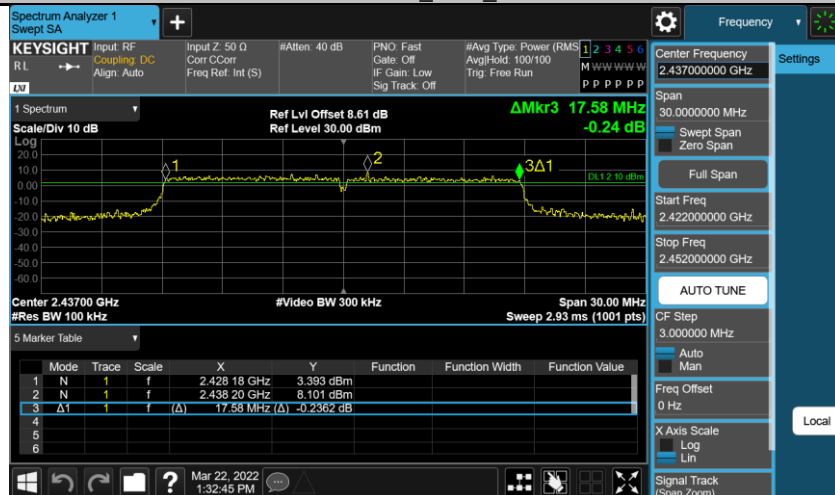




## 11N20SISO\_Ant1\_2412



## 11N20SISO\_Ant1\_2437



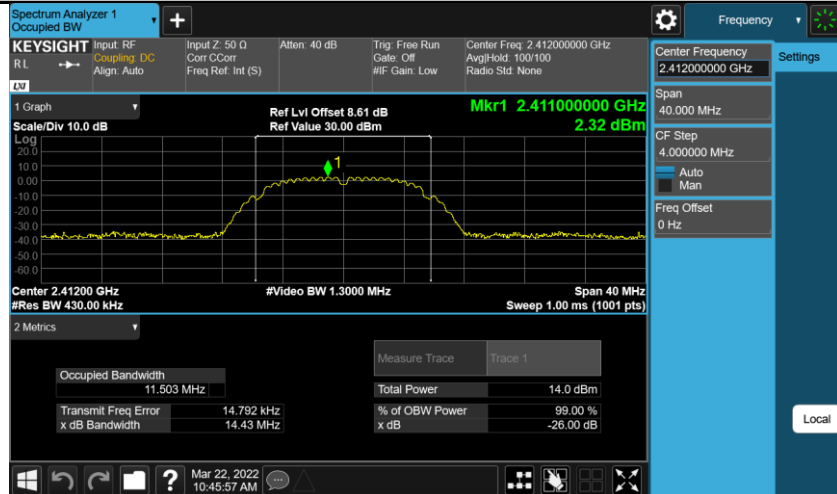
## 11N20SISO\_Ant1\_2462



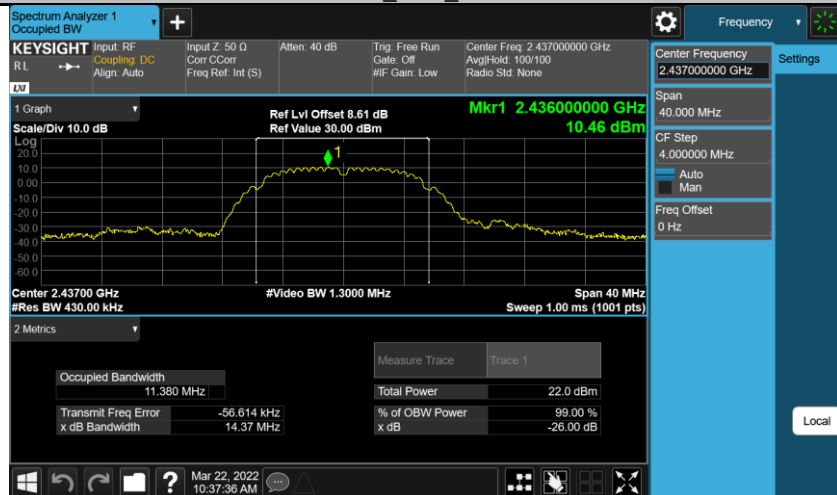
### Appendix B.3: Test Results of 99% Bandwidth

| TestMode  | Antenna | Channel | OCB [MHz] | FL[MHz]  | FH[MHz]  | Limit[MHz] | Verdict |
|-----------|---------|---------|-----------|----------|----------|------------|---------|
| 11B       | Ant1    | 2412    | 11.503    | 2406.263 | 2417.766 | ---        | PASS    |
|           |         | 2437    | 11.380    | 2431.253 | 2442.633 | ---        | PASS    |
|           |         | 2462    | 11.582    | 2456.198 | 2467.780 | ---        | PASS    |
| 11G       | Ant1    | 2412    | 16.823    | 2403.587 | 2420.410 | ---        | PASS    |
|           |         | 2437    | 17.293    | 2428.301 | 2445.594 | ---        | PASS    |
|           |         | 2462    | 16.863    | 2453.567 | 2470.430 | ---        | PASS    |
| 11N20SISO | Ant1    | 2412    | 17.798    | 2403.113 | 2420.911 | ---        | PASS    |
|           |         | 2437    | 18.142    | 2427.911 | 2446.053 | ---        | PASS    |
|           |         | 2462    | 17.835    | 2453.084 | 2470.919 | ---        | PASS    |

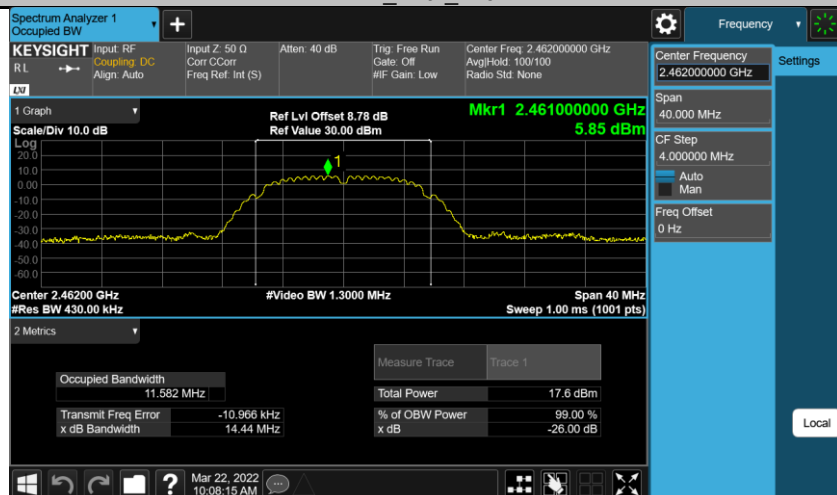
11B\_Ant1\_2412



11B\_Ant1\_2437



11B\_Ant1\_2462







## Appendix B.4: Test Results of Conducted Spurious Emissions Measured in 100 kHz Bandwidth

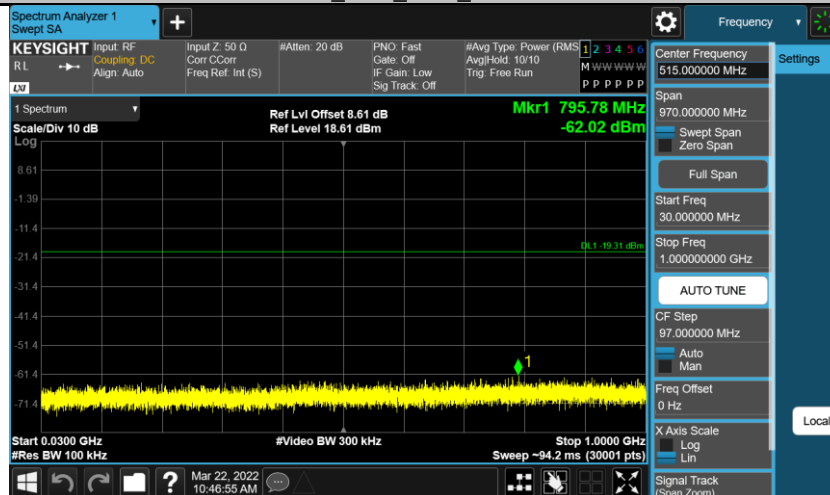
### Conducted Spurious Emission

| TestMode  | Antenna | Channel | FreqRange [Mhz] | RefLevel [dBm] | Result [dBm] | Limit [dBm] | Verdict |
|-----------|---------|---------|-----------------|----------------|--------------|-------------|---------|
| 11B       | Ant1    | 2412    | Reference       | 0.69           | 0.69         | ---         | PASS    |
|           |         |         | 30~1000         | 0.69           | -62.02       | ≤-19.31     | PASS    |
|           |         |         | 1000~26500      | 0.69           | -52.14       | ≤-19.31     | PASS    |
|           |         | 2437    | Reference       | 9.45           | 9.45         | ---         | PASS    |
|           |         |         | 30~1000         | 9.45           | -61.92       | ≤-10.55     | PASS    |
|           |         |         | 1000~26500      | 9.45           | -43.09       | ≤-10.55     | PASS    |
|           |         | 2462    | Reference       | 5.27           | 5.27         | ---         | PASS    |
|           |         |         | 30~1000         | 5.27           | -61.76       | ≤-14.73     | PASS    |
|           |         |         | 1000~26500      | 5.27           | -48.59       | ≤-14.73     | PASS    |
| 11G       | Ant1    | 2412    | Reference       | -3.15          | -3.15        | ---         | PASS    |
|           |         |         | 30~1000         | -3.15          | -62.66       | ≤-23.15     | PASS    |
|           |         |         | 1000~26500      | -3.15          | -52.93       | ≤-23.15     | PASS    |
|           |         | 2437    | Reference       | 6.24           | 6.24         | ---         | PASS    |
|           |         |         | 30~1000         | 6.24           | -62.14       | ≤-13.76     | PASS    |
|           |         |         | 1000~26500      | 6.24           | -51.63       | ≤-13.76     | PASS    |
|           |         | 2462    | Reference       | -1.14          | -1.14        | ---         | PASS    |
|           |         |         | 30~1000         | -1.14          | -61.78       | ≤-21.14     | PASS    |
|           |         |         | 1000~26500      | -1.14          | -52.99       | ≤-21.14     | PASS    |
| 11N20SISO | Ant1    | 2412    | Reference       | -5.77          | -5.77        | ---         | PASS    |
|           |         |         | 30~1000         | -5.77          | -62.17       | ≤-25.77     | PASS    |
|           |         |         | 1000~26500      | -5.77          | -53.02       | ≤-25.77     | PASS    |
|           |         | 2437    | Reference       | 8.42           | 8.42         | ---         | PASS    |
|           |         |         | 30~1000         | 8.42           | -62.28       | ≤-11.58     | PASS    |
|           |         |         | 1000~26500      | 8.42           | -51.67       | ≤-11.58     | PASS    |
|           |         | 2462    | Reference       | -2.41          | -2.41        | ---         | PASS    |
|           |         |         | 30~1000         | -2.41          | -61.65       | ≤-22.41     | PASS    |
|           |         |         | 1000~26500      | -2.41          | -52.96       | ≤-22.41     | PASS    |

### 11B\_Ant1\_2412\_0-Reference



### 11B\_Ant1\_2412\_30-1000



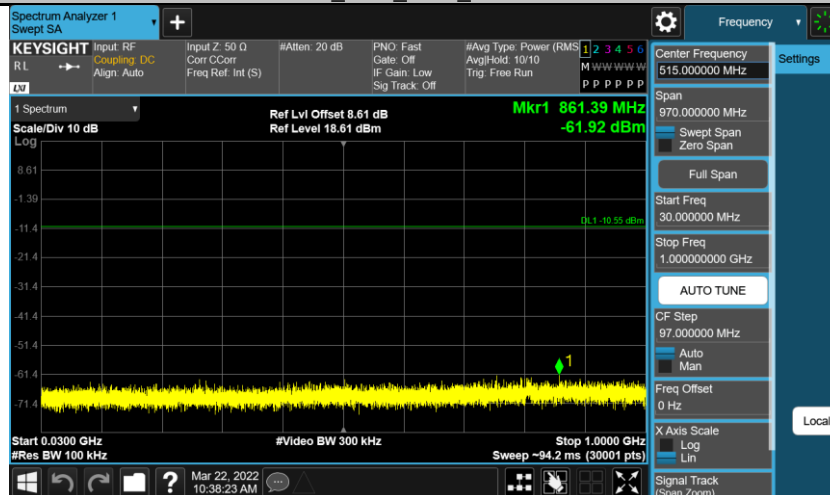
### 11B\_Ant1\_2412\_1000-26500



### 11B\_Ant1\_2437\_0-Reference



### 11B\_Ant1\_2437\_30-1000

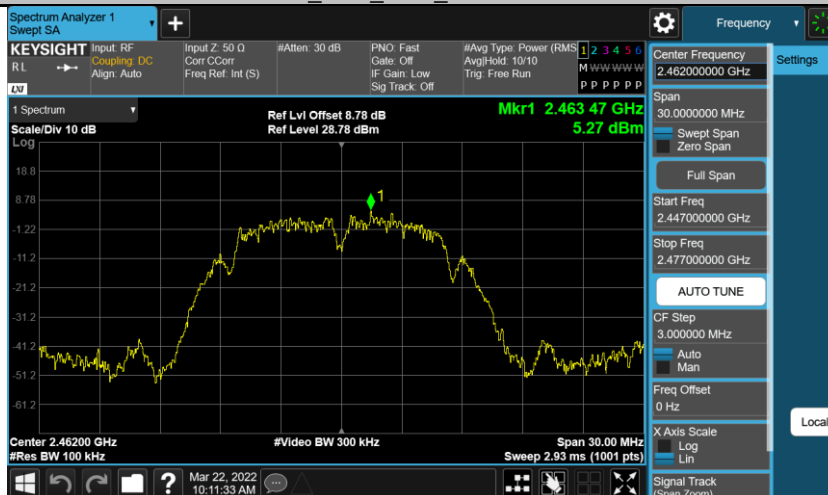


### 11B\_Ant1\_2437\_1000-26500

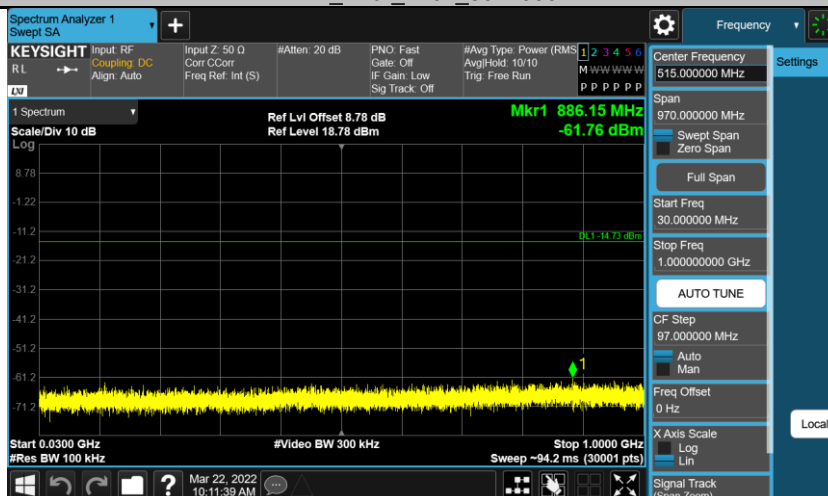




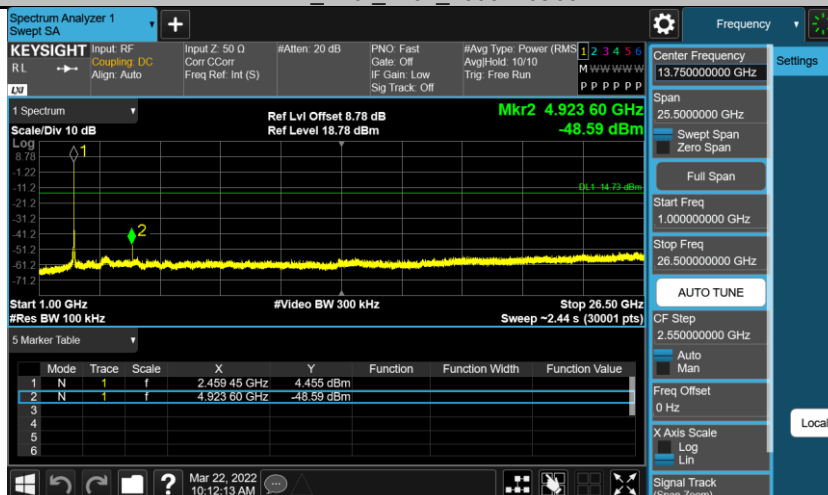
### 11B\_Ant1\_2462\_0-Reference



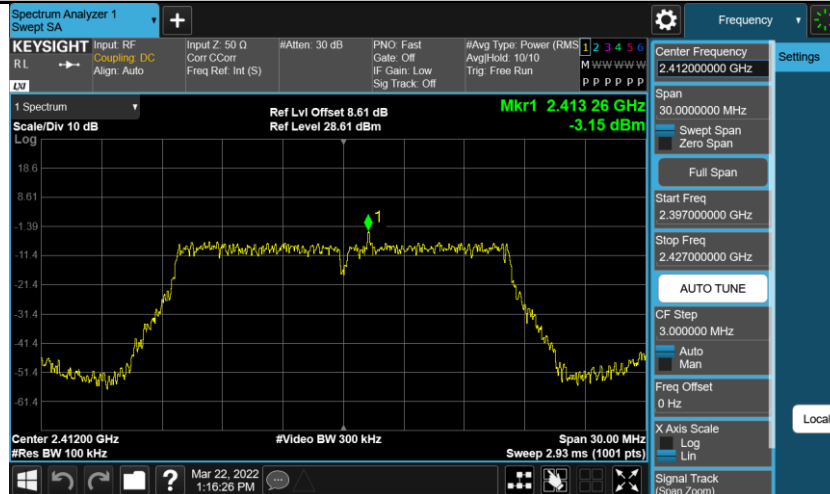
### 11B\_Ant1\_2462\_30-1000



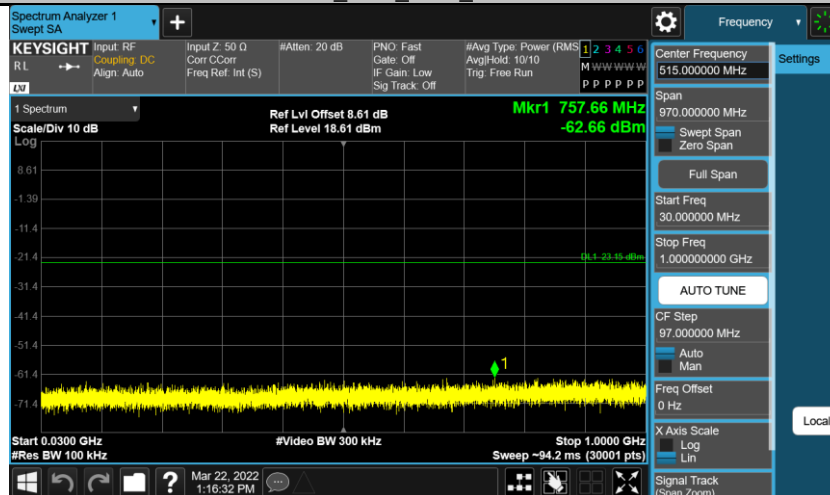
### 11B\_Ant1\_2462\_1000-26500



### 11G\_Ant1\_2412\_0-Reference



### 11G\_Ant1\_2412\_30-1000



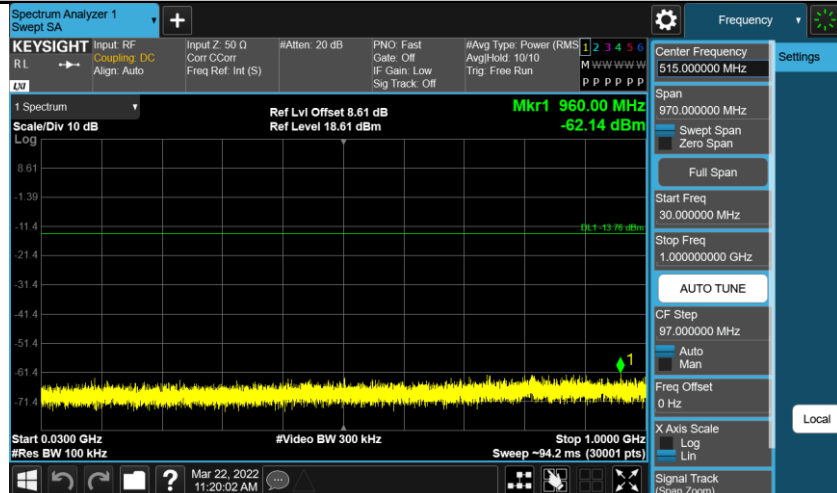
### 11G\_Ant1\_2412\_1000-26500



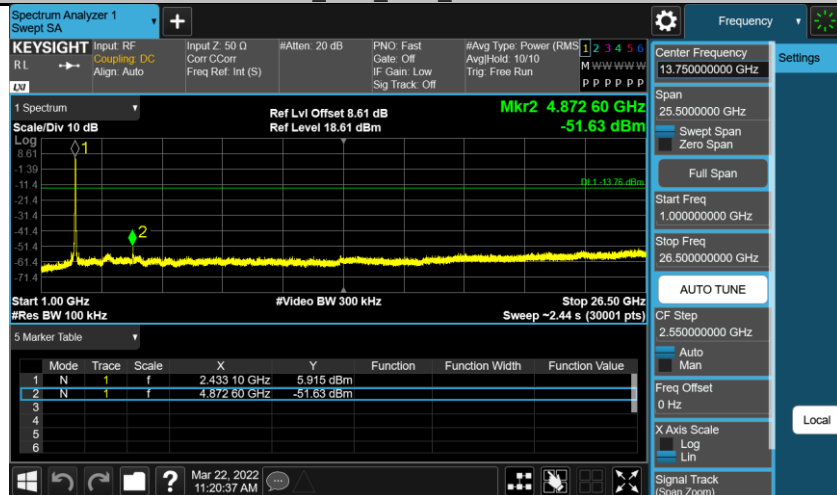
11G\_Ant1\_2437\_0-Reference



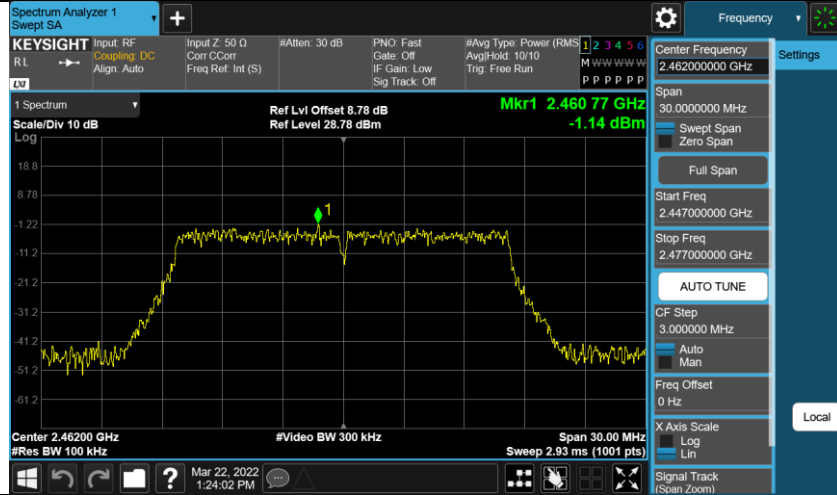
11G\_Ant1\_2437\_30-1000



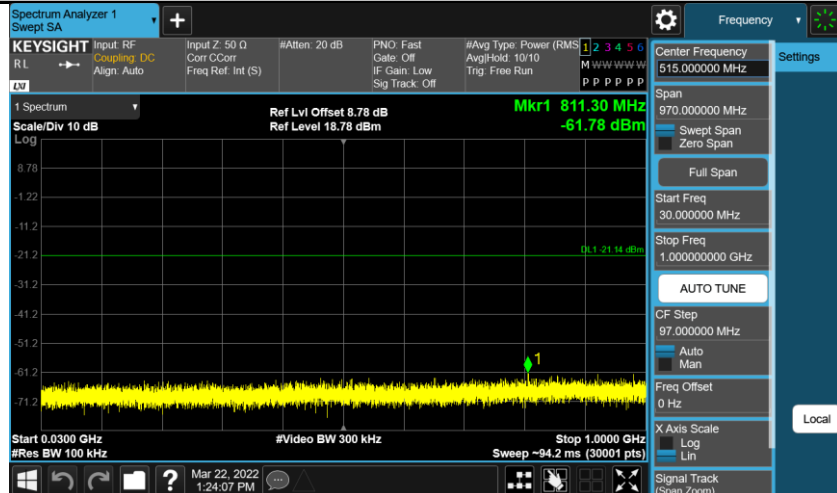
11G\_Ant1\_2437\_1000-26500



### 11G\_Ant1\_2462\_0-Reference



### 11G\_Ant1\_2462\_30-1000



### 11G\_Ant1\_2462\_1000-26500

